

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
 Data File : BG044487.D
 Acq On : 19 Feb 2020 12:49
 Operator : CG/JU
 Sample : PB126850BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 20 07:13:14 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	59016	20.00	ng	-0.02
21) Naphthalene-d8	10.69	136	239349	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	155940	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	351230	20.00	ng	0.00
76) Chrysene-d12	21.52	240	327037	20.00	ng	-0.02
87) Perylene-d12	24.61	264	369515	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	375749	112.37	ng	0.00
7) Phenol-d6	7.07	99	502987	112.01	ng	0.00
23) Nitrobenzene-d5	9.05	82	260040	61.34	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	197332	107.79	ng	0.00
45) 2-Fluorobiphenyl	13.15	172	619721	66.55	ng	0.00
79) Terphenyl-d14	19.89	244	1005958	63.27	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	53821	35.823	ng	99
3) Pyridine	3.74	79	125946	31.464	ng	95
4) n-Nitrosodimethylamine	3.65	42	59004	35.275	ng	99
6) Aniline	7.21	93	149618	26.843	ng	98
8) 2-Chlorophenol	7.46	128	145879	39.694	ng	97
9) Benzaldehyde	7.02	77	67877	26.541	ng	98
10) Phenol	7.10	94	181280	40.791	ng	99
11) bis(2-Chloroethyl)ether	7.31	93	135585	35.686	ng	98
12) 1,3-Dichlorobenzene	7.78	146	156422	35.648	ng	97
13) 1,4-Dichlorobenzene	7.93	146	159840	36.779	ng	99
14) 1,2-Dichlorobenzene	8.25	146	149942	36.501	ng	97
15) Benzyl Alcohol	8.13	79	117590	36.988	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.42	45	174538	33.941	ng	99
17) 2-Methylphenol	8.34	107	125558	39.599	ng	96
18) Hexachloroethane	8.98	117	57029	34.969	ng	95
19) n-Nitroso-di-n-propylamine	8.69	70	104510	34.922	ng	97
20) 3+4-Methylphenols	8.67	107	171328	39.207	ng	98
22) Acetophenone	8.71	105	201489	34.605	ng	99
24) Nitrobenzene	9.09	77	149517	36.125	ng	99
25) Isophorone	9.61	82	291547	36.895	ng	100
26) 2-Nitrophenol	9.80	139	83197	38.740	ng	99
27) 2,4-Dimethylphenol	9.87	122	139679	46.075	ng	100
28) bis(2-Chloroethoxy)methane	10.10	93	182484	34.618	ng	98
29) 2,4-Dichlorophenol	10.35	162	144302	39.366	ng	98
30) 1,2,4-Trichlorobenzene	10.56	180	148333	35.290	ng	99
31) Naphthalene	10.74	128	438786	37.786	ng	99
32) Benzoic acid	10.02	122	39473	28.103	ng	91
33) 4-Chloroaniline	10.85	127	118650	22.466	ng	99
34) Hexachlorobutadiene	11.03	225	87006	33.640	ng	98
35) Caprolactam	11.61	113	36933	27.504	ng	90
36) 4-Chloro-3-methylphenol	11.99	107	149917	39.008	ng	100
37) 2-Methylnaphthalene	12.36	142	326358	37.852	ng	98
38) 1-Methylnaphthalene	12.57	142	307825	37.869	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	160914	34.496	ng	99

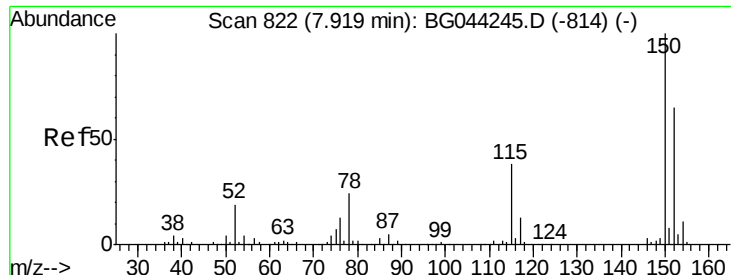
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	165540	73.960	ng	98
43) 2,4,6-Trichlorophenol	12.97	196	111545	36.995	ng	100
44) 2,4,5-Trichlorophenol	13.04	196	123117	39.978	ng	98
46) 1,1'-Biphenyl	13.37	154	413331	36.747	ng	98
47) 2-Chloronaphthalene	13.41	162	320298	35.785	ng	99
48) 2-Nitroaniline	13.61	65	90786	34.369	ng	95
49) Acenaphthylene	14.25	152	518340	39.483	ng	99
50) Dimethylphthalate	13.99	163	411723	36.730	ng	99
51) 2,6-Dinitrotoluene	14.10	165	93565	37.436	ng	98
52) Acenaphthene	14.59	154	313502	36.842	ng	99
53) 3-Nitroaniline	14.43	138	65150	23.561	ng	99
54) 2,4-Dinitrophenol	14.65	184	96939	66.843	ng	97
55) Dibenzofuran	14.93	168	493771	38.326	ng	97
56) 4-Nitrophenol	14.76	139	167898	82.893	ng	97
57) 2,4-Dinitrotoluene	14.89	165	130736	37.321	ng	99
58) Fluorene	15.58	166	394270	38.854	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.16	232	106602	38.322	ng	98
60) Diethylphthalate	15.35	149	415347	37.186	ng	98
61) 4-Chlorophenyl-phenylether	15.58	204	203344	36.958	ng	98
62) 4-Nitroaniline	15.60	138	92451	33.460	ng	97
63) Azobenzene	15.87	77	364783	37.264	ng	98
65) 4,6-Dinitro-2-methylphenol	15.66	198	77323	39.882	ng	99
66) n-Nitrosodiphenylamine	15.79	169	362012	36.779	ng	98
67) 4-Bromophenyl-phenylether	16.47	248	133288	34.832	ng	97
68) Hexachlorobenzene	16.59	284	150068	35.005	ng	98
69) Atrazine	16.74	200	141436	41.923	ng	97
70) Pentachlorophenol	16.94	266	148553	68.974	ng	97
71) Phenanthrene	17.32	178	655439	38.538	ng	98
72) Anthracene	17.41	178	674769	40.129	ng	97
73) Carbazole	17.68	167	606580	39.131	ng	99
74) Di-n-butylphthalate	18.24	149	753715	39.346	ng	98
75) Fluoranthene	19.33	202	791104	40.209	ng	98
77) Benzidine	19.51	184	309776	34.149	ng	97
78) Pyrene	19.69	202	798005	37.996	ng	96
80) Butylbenzylphthalate	20.58	149	342459	35.781	ng	97
81) Benzo(a)anthracene	21.50	228	756201	37.518	ng	97
82) 3,3'-Dichlorobenzidine	21.42	252	209906	26.833	ng	99
83) Chrysene	21.57	228	730021	37.471	ng	97
84) Bis(2-ethylhexyl)phthalate	21.43	149	488575	37.087	ng	98
85) Di-n-octyl phthalate	22.58	149	871598	38.239	ng	98
86) Indeno(1,2,3-cd)pyrene	28.10	276	918010	36.117	ng	100
88) Benzo(b)fluoranthene	23.63	252	788307	37.022	ng	98
89) Benzo(k)fluoranthene	23.69	252	791090	38.120	ng	99
90) Benzo(a)pyrene	24.46	252	737699	36.643	ng	98
91) Dibenzo(a,h)anthracene	28.15	278	766105	38.451	ng	100
92) Benzo(g,h,i)perylene	29.18	276	775144	38.863	ng	98

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

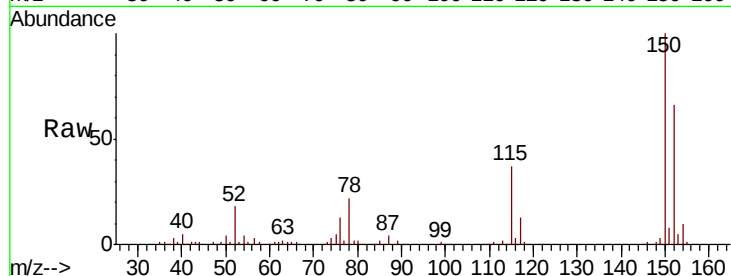


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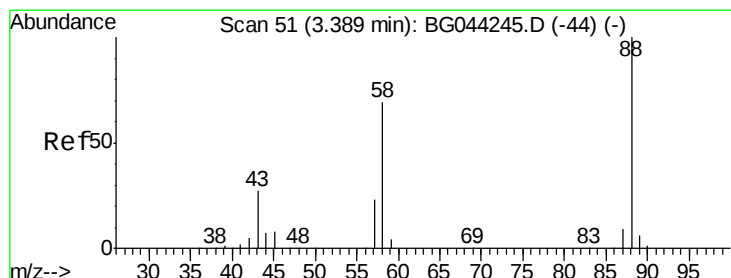
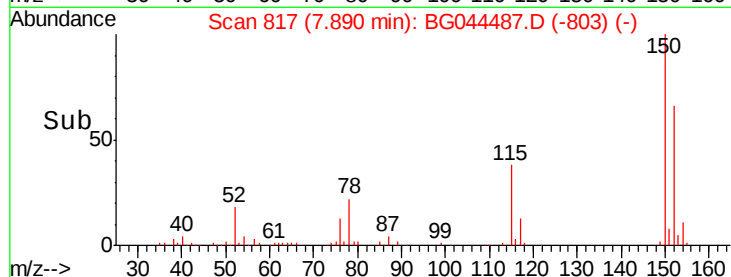
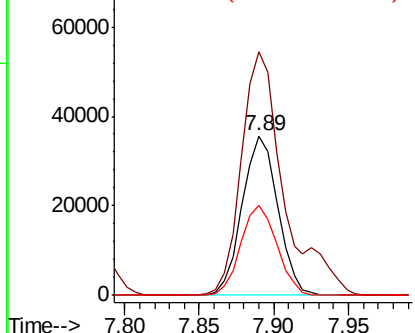
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.89 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BG044487.D
 Acq: 19 Feb 2020 12:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	122.6	183.8
115	56.7	46.0	69.0



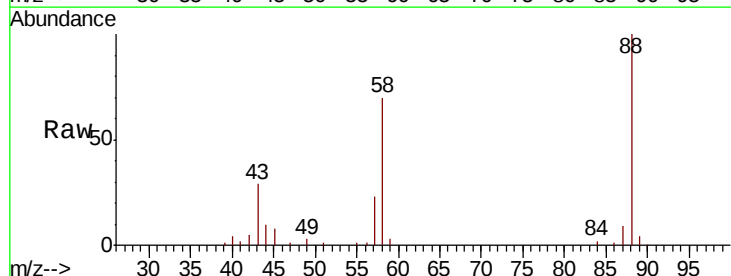
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



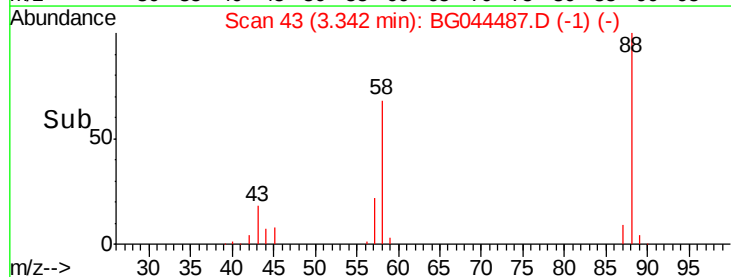
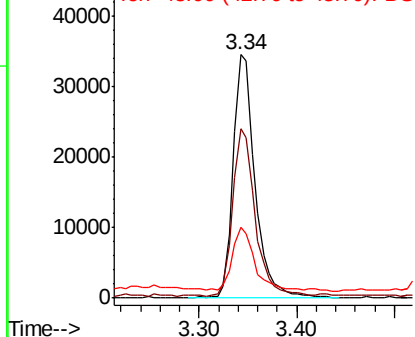
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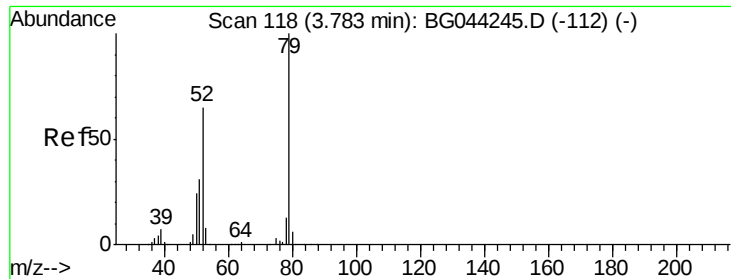
1,4-Dioxane
 Concen: 35.823 ng
 RT: 3.34 min Scan# 43
 Delta R.T. -0.02 min
 Lab File: BG044487.D
 Acq: 19 Feb 2020 12:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.8	55.8	83.6
43	24.3	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: 31.464 ng

RT: 3.74 min Scan# 111

Delta R.T. -0.02 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Instrument :

BNA_G

ClientSampleId :

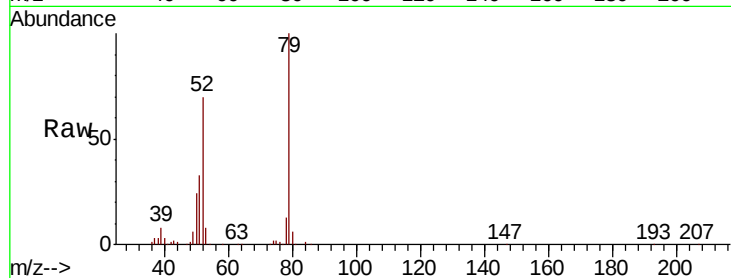
Tot Ion: 79 Resp: 125946

Ion Ratio Lower Upper

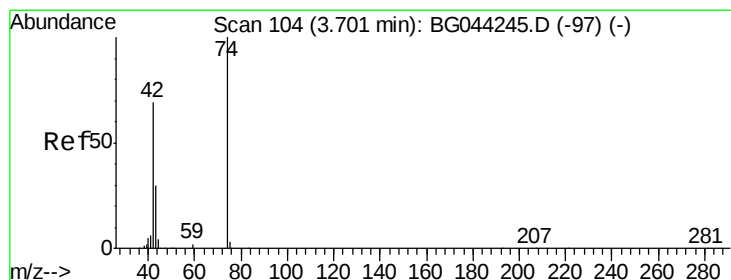
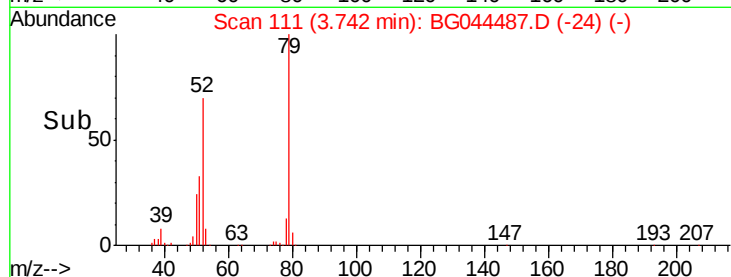
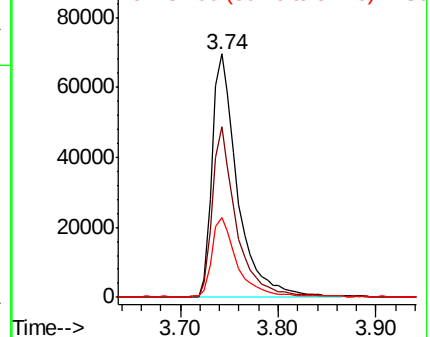
79 100

52 70.1 51.9 77.9

51 32.9 25.3 37.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 35.275 ng

RT: 3.65 min Scan# 96

Delta R.T. -0.02 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

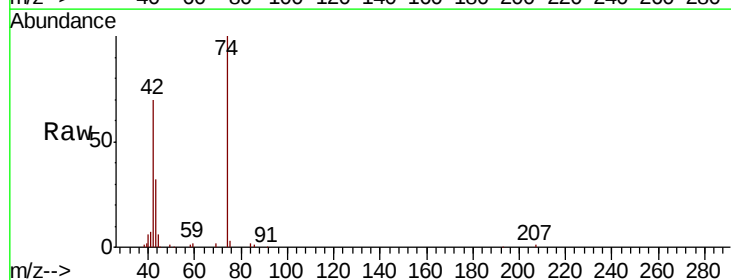
Tgt Ion: 42 Resp: 59004

Ion Ratio Lower Upper

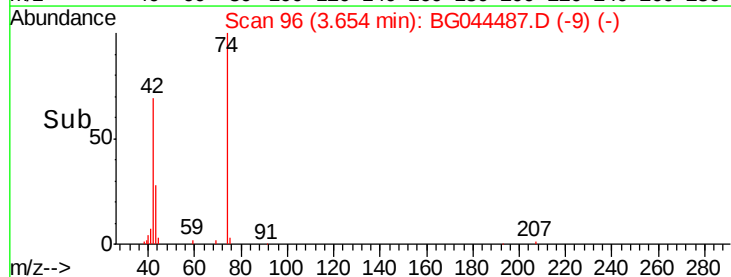
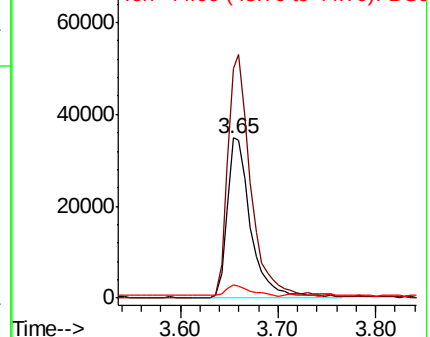
42 100

74 143.2 115.1 172.7

44 8.0 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: 112.366 ng

RT: 5.47 min Scan# 405

Delta R.T. -0.01 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Instrument :

BNA_G

ClientSampleId :

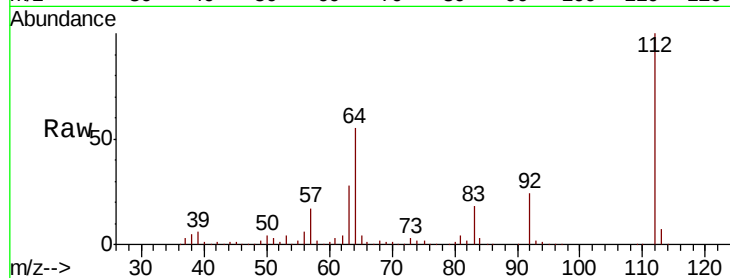
Tot Ion: 112 Resp: 375749

Ion Ratio Lower Upper

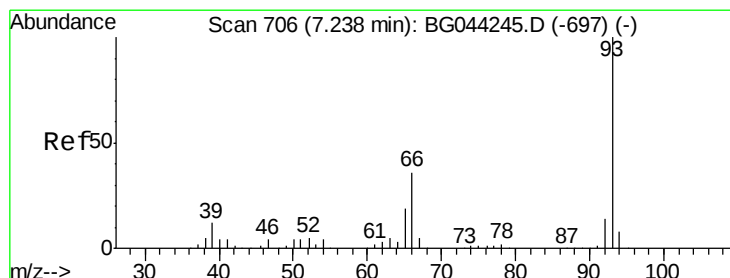
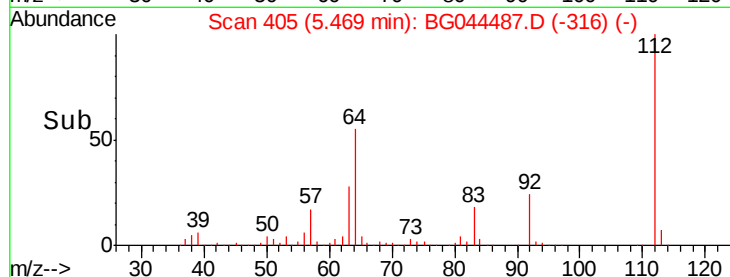
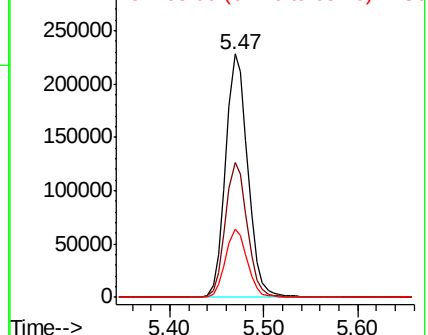
112 100

64 55.1 45.4 68.2

63 28.3 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: 26.843 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.02 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

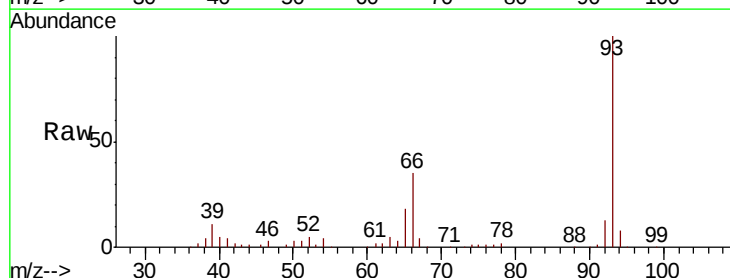
Tgt Ion: 93 Resp: 149618

Ion Ratio Lower Upper

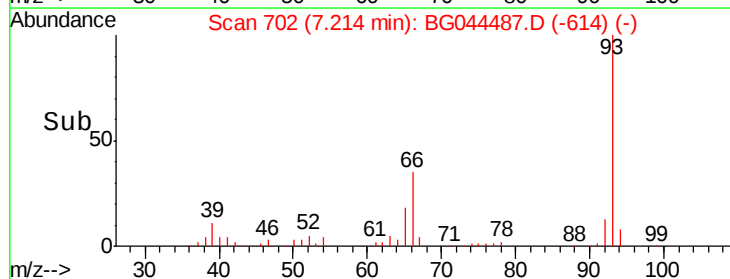
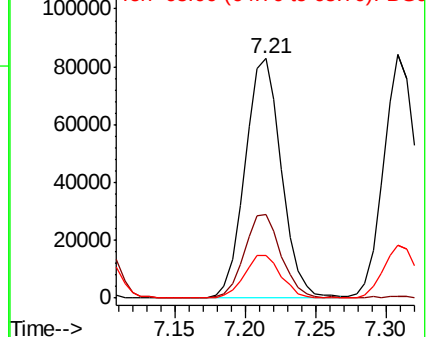
93 100

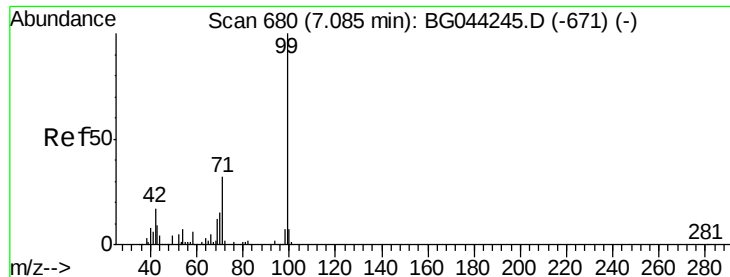
66 34.8 28.7 43.1

65 17.8 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: 112.012 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Instrument :

BNA_G

ClientSampleId :

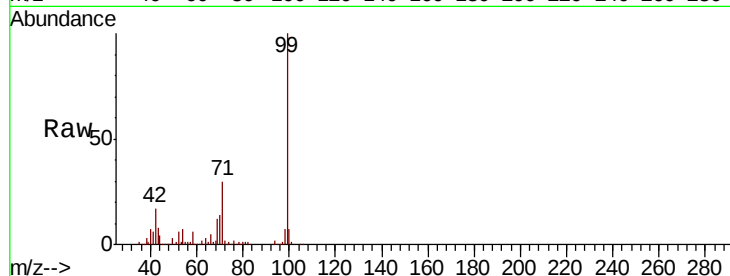
Tot Ion: 99 Resp: 502987

Ion Ratio Lower Upper

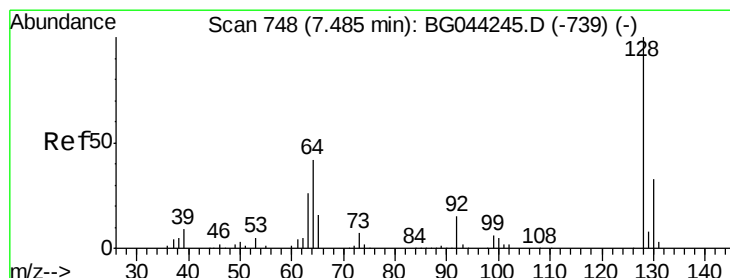
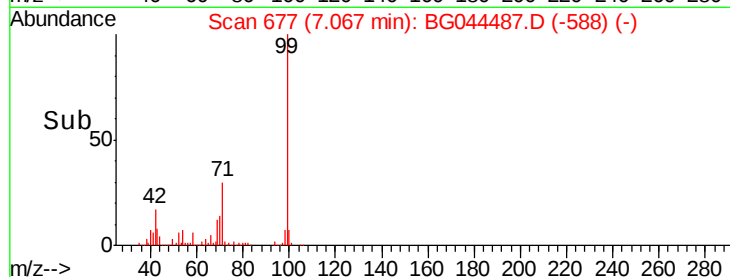
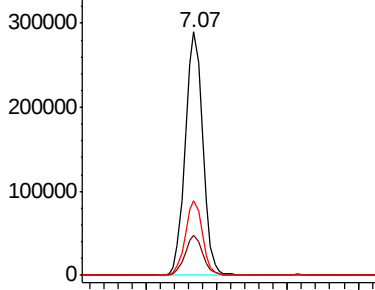
99 100

42 16.7 13.8 20.6

71 30.5 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: 39.694 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

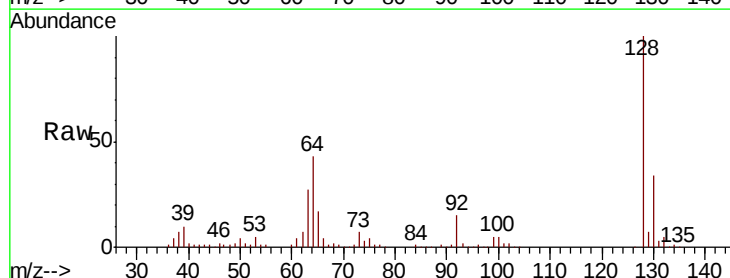
Tgt Ion: 128 Resp: 145879

Ion Ratio Lower Upper

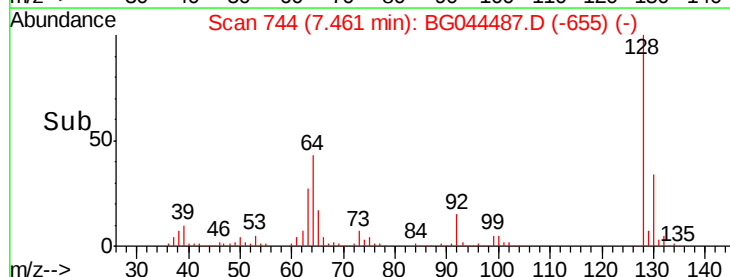
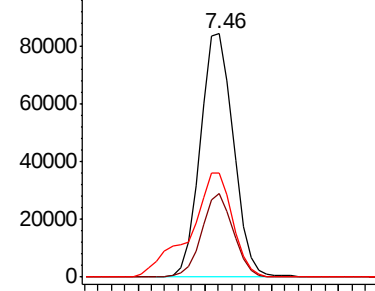
128 100

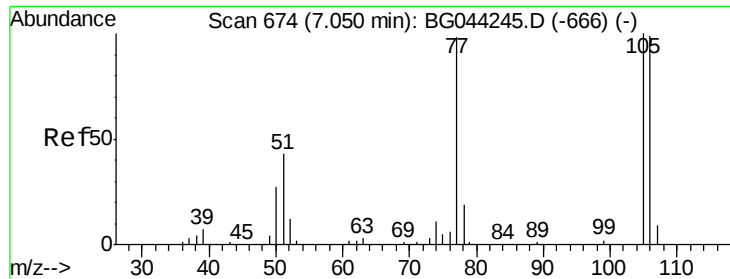
130 34.2 12.5 52.5

64 42.5 24.2 64.2



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





#9

Benzaldehyde

Concen: 26.541 ng

RT: 7.02 min Scan# 669

Delta R.T. -0.02 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Instrument :

BNA_G

ClientSampled :

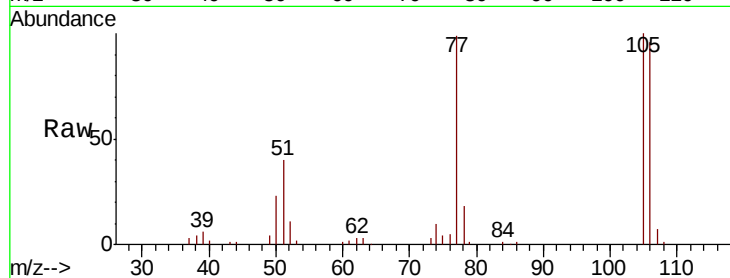
Tot Ion: 77 Resp: 67877

Ion Ratio Lower Upper

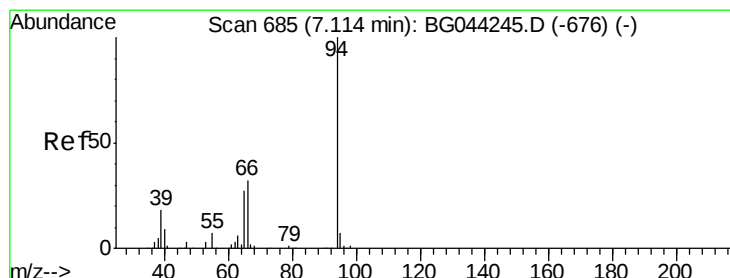
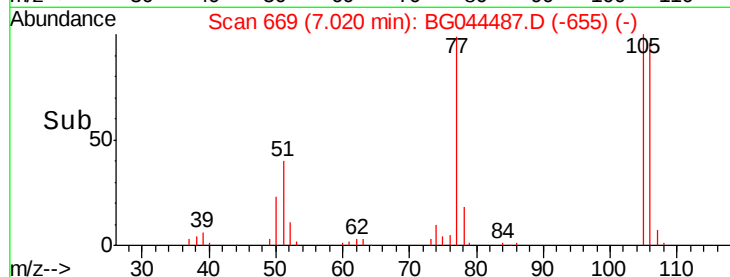
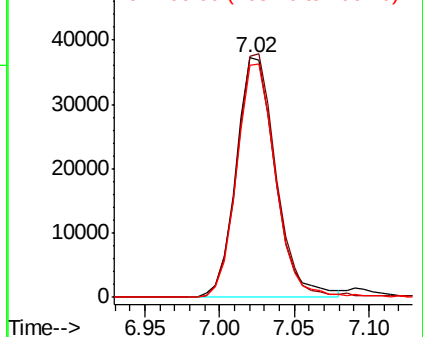
77 100

105 100.8 82.0 122.0

106 97.0 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: 40.791 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

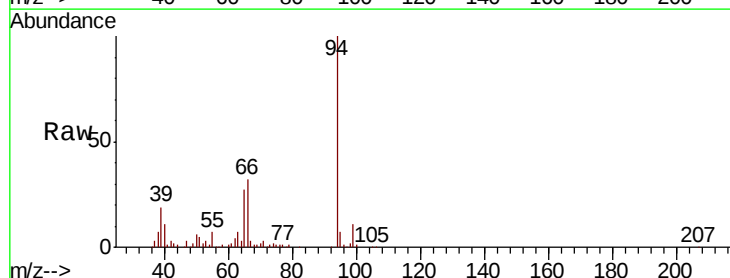
Tgt Ion: 94 Resp: 181280

Ion Ratio Lower Upper

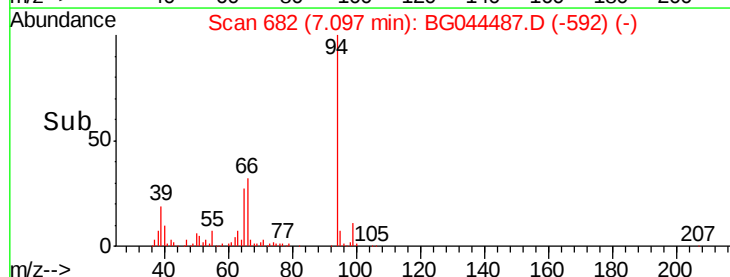
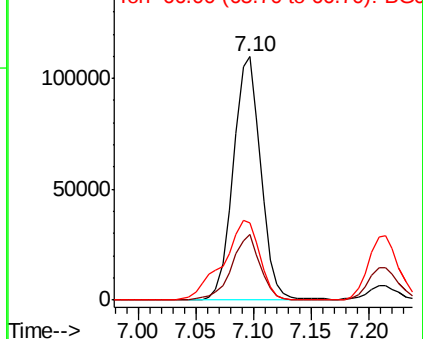
94 100

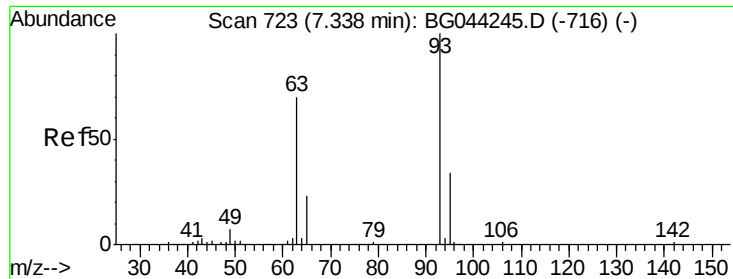
65 26.9 7.0 47.0

66 31.5 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

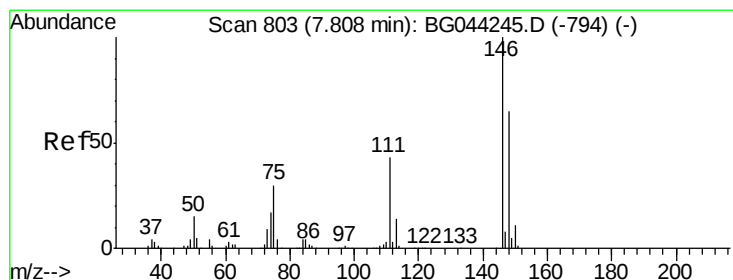
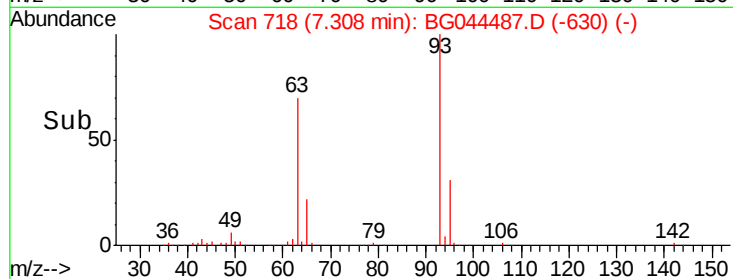
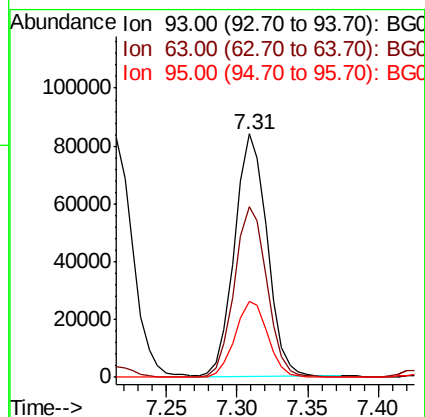
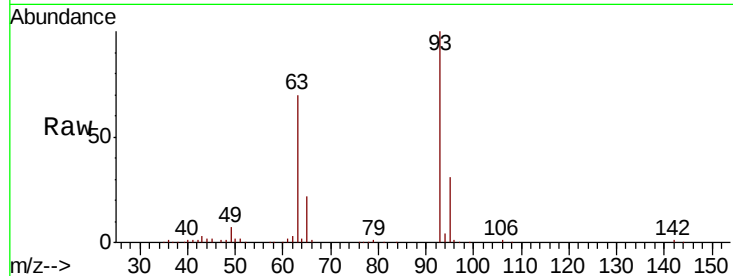




#11
 bis(2-Chloroethyl)ether
 Concen: 35.686 ng
 RT: 7.31 min Scan# 718
 Delta R.T. -0.02 min
 Lab File: BG044487.D
 Acq: 19 Feb 2020 12:49

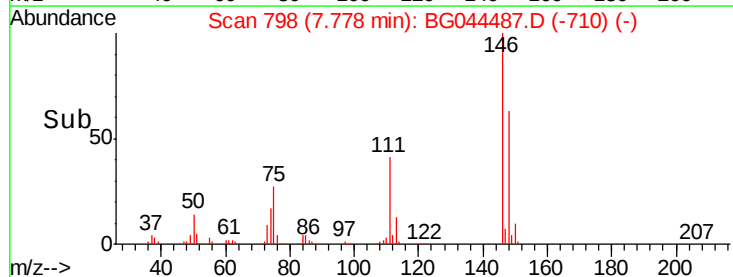
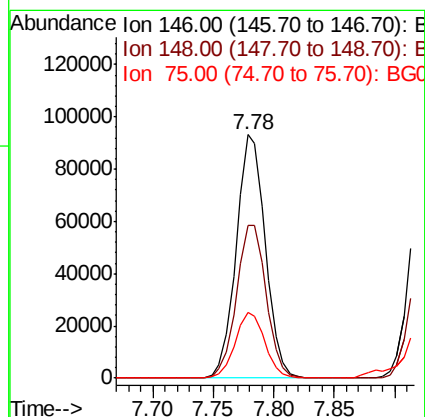
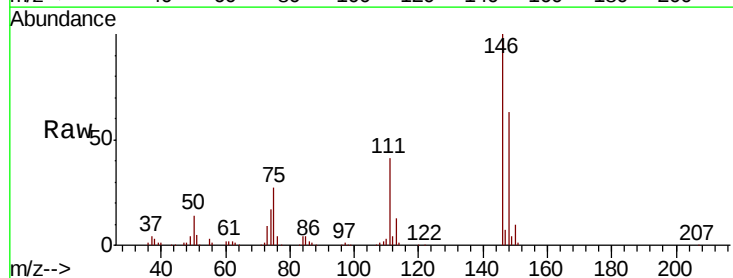
Instrument :
 BNA_G
 ClientSampleId :

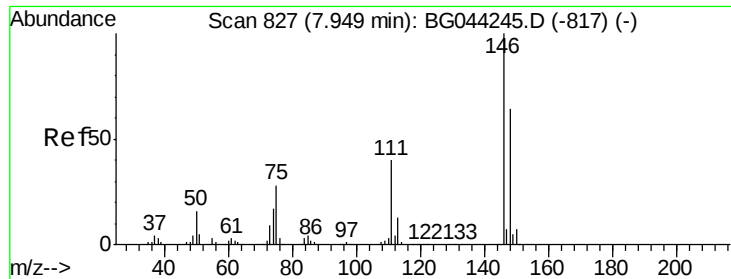
Tot Ion	93	Resp	135585
Ion	Ratio	Lower	Upper
93	100		
63	70.2	49.2	89.2
95	31.0	13.6	53.6



#12
 1,3-Dichlorobenzene
 Concen: 35.648 ng
 RT: 7.78 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BG044487.D
 Acq: 19 Feb 2020 12:49

Tgt Ion	146	Resp	156422
Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.8	77.8
75	26.7	23.7	35.5





#13

1,4-Dichlorobenzene

Concen: 36.779 ng

RT: 7.93 min Scan# 823

Delta R.T. -0.02 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Instrument :

BNA_G

ClientSampleId :

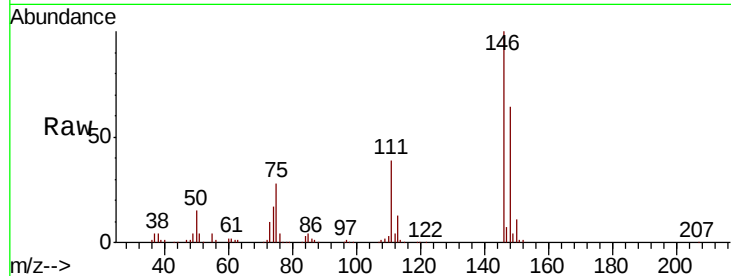
Tot Ion:146 Resp: 159840

Ion Ratio Lower Upper

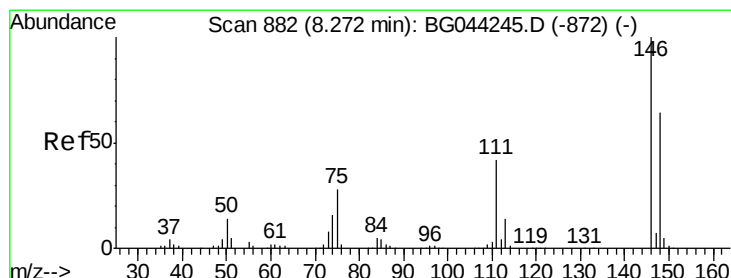
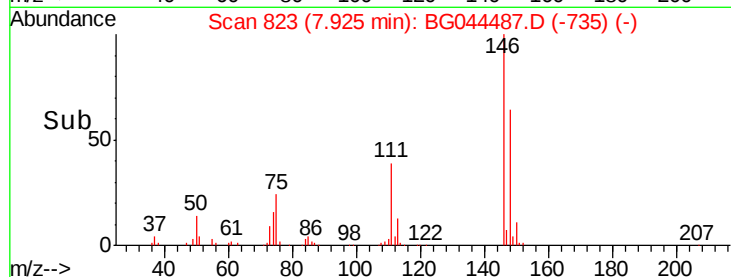
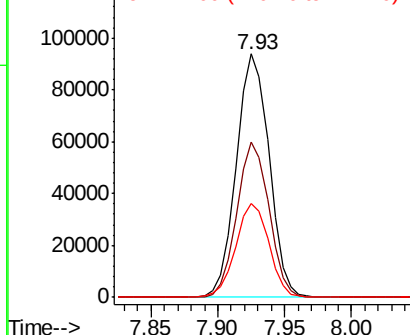
146 100

148 63.5 51.4 77.0

111 38.8 31.8 47.8



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



#14

1,2-Dichlorobenzene

Concen: 36.501 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

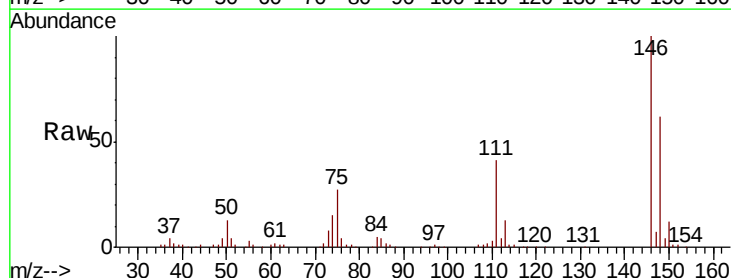
Tgt Ion:146 Resp: 149942

Ion Ratio Lower Upper

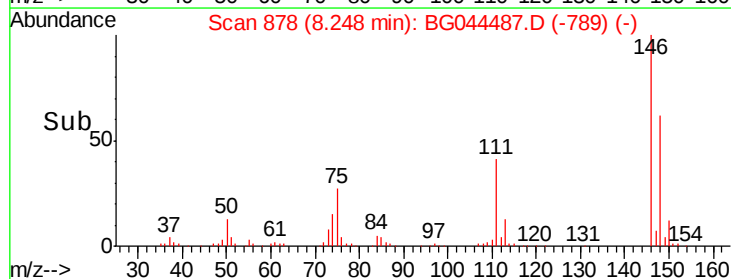
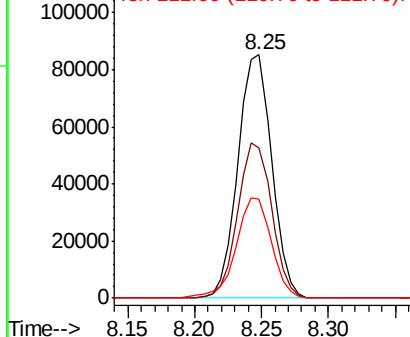
146 100

148 61.5 51.2 76.8

111 40.8 34.0 51.0



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





#15

Benzyl Alcohol

Concen: 36.988 ng

RT: 8.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Instrument :

BNA_G

ClientSampleId :

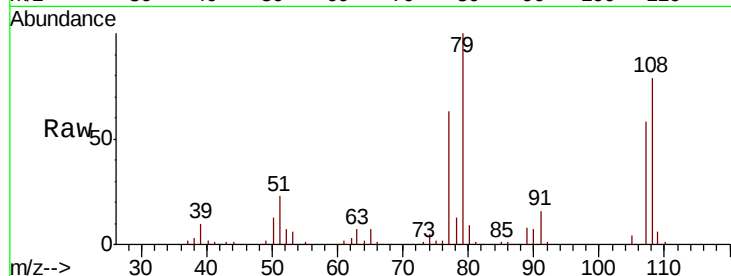
Tot Ion: 79 Resp: 117590

Ion Ratio Lower Upper

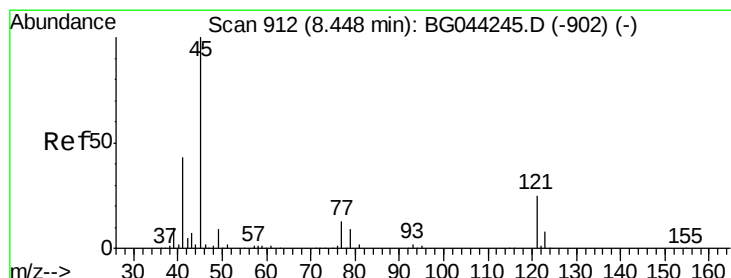
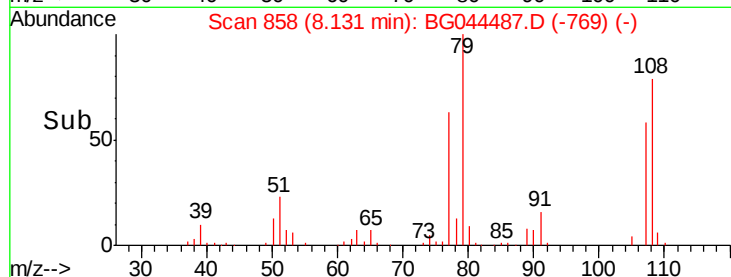
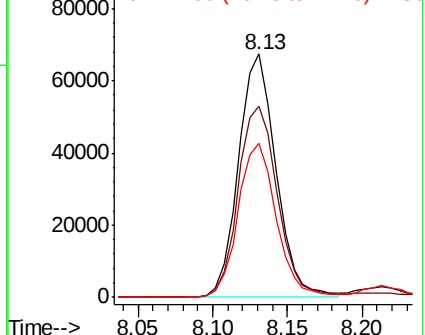
79 100

108 78.7 68.3 102.5

77 63.2 51.8 77.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.941 ng

RT: 8.42 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

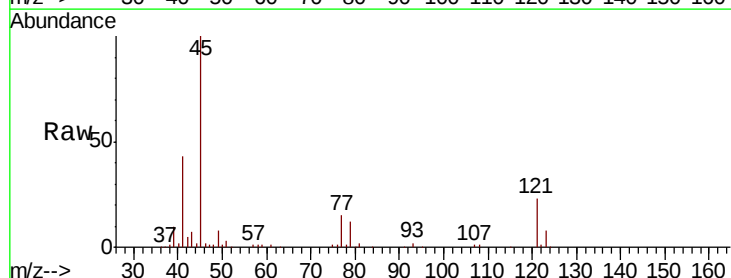
Tgt Ion: 45 Resp: 174538

Ion Ratio Lower Upper

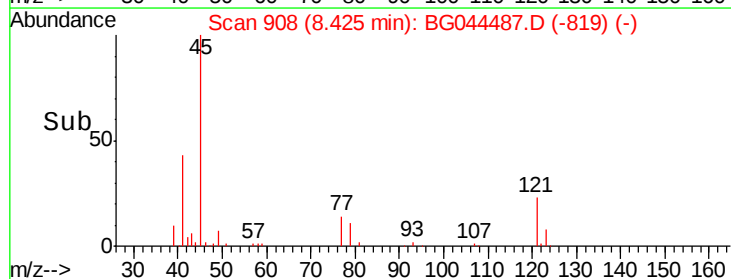
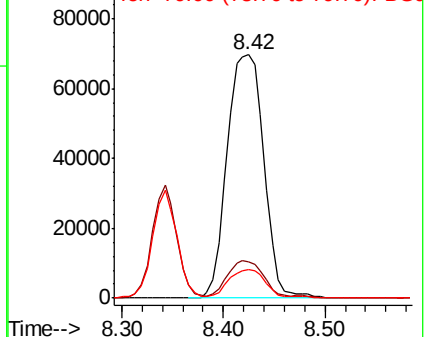
45 100

77 15.0 0.0 35.2

79 11.9 0.0 31.1



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

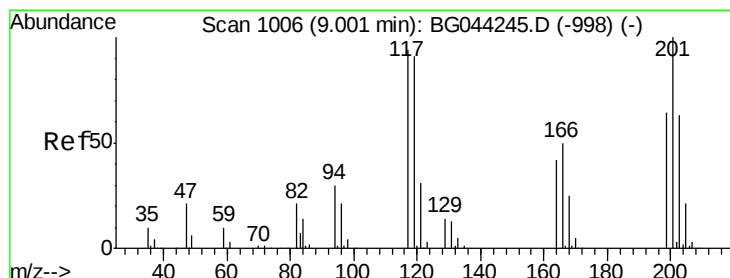
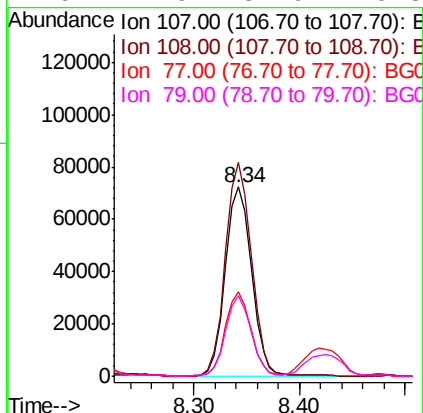
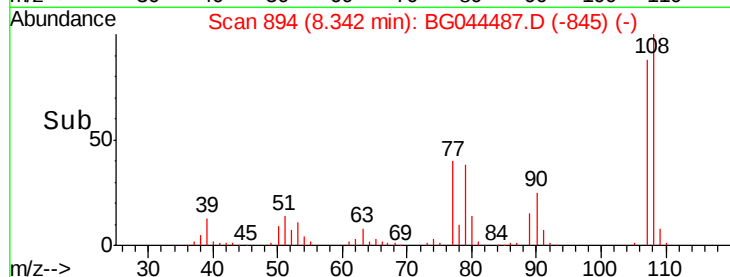
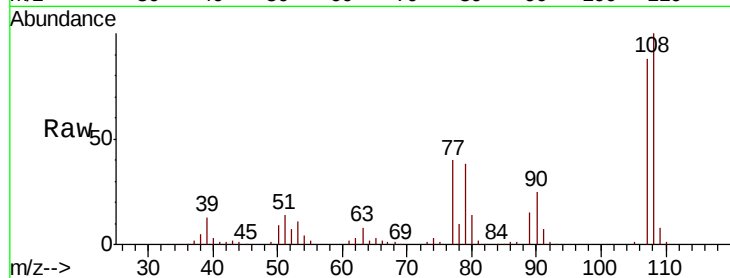




#17
2-Methylphenol
Concen: 39.599 ng
RT: 8.34 min Scan# 894
Delta R.T. -0.01 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

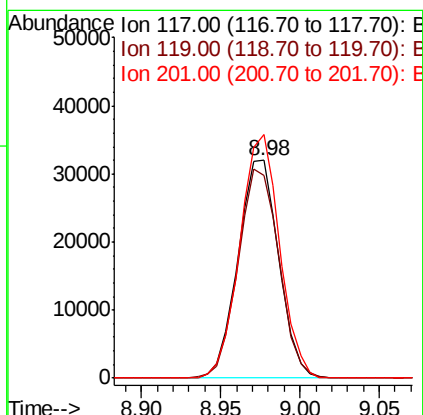
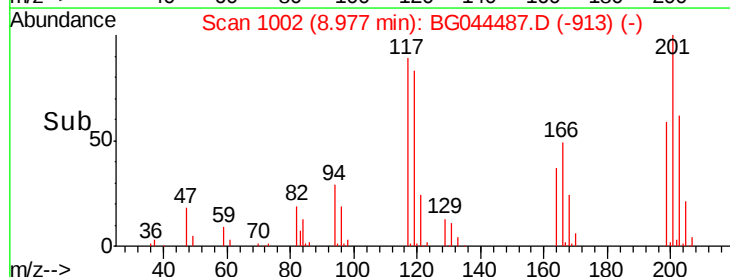
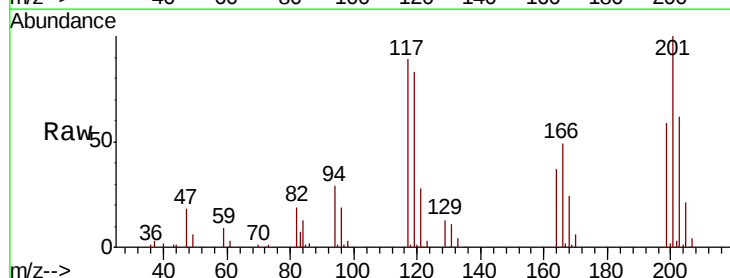
Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.1	86.4	129.6
77	45.1	34.0	51.0
79	42.9	32.9	49.3



#18
Hexachloroethane
Concen: 34.969 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.9	77.5	116.3
201	111.8	84.9	127.3

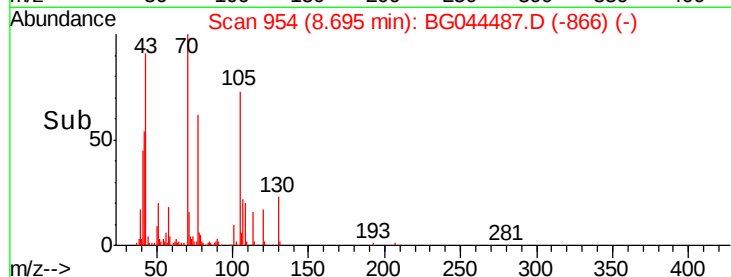
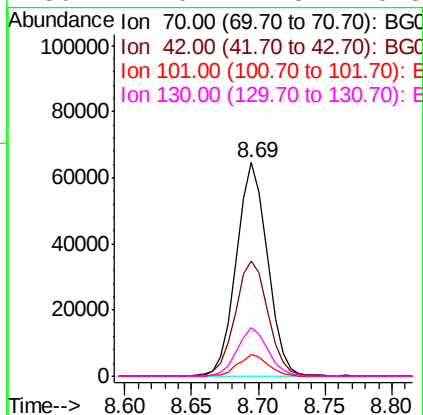
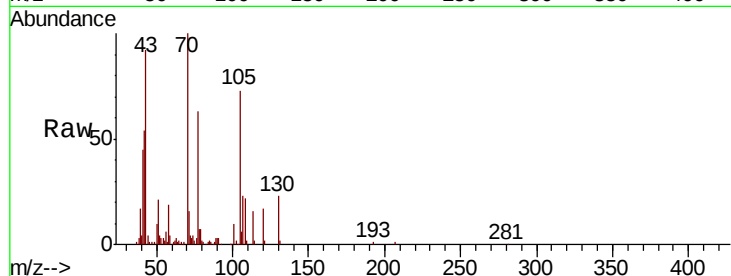




#19
n-Nitroso-di-n-propylamine
Concen: 34.922 ng
RT: 8.69 min Scan# 954
Delta R.T. -0.02 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

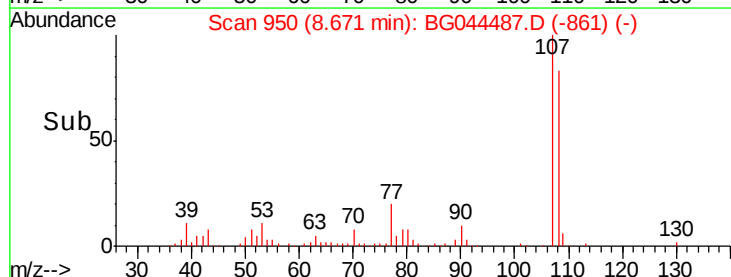
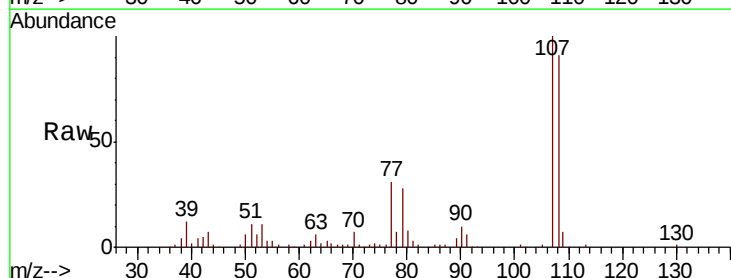
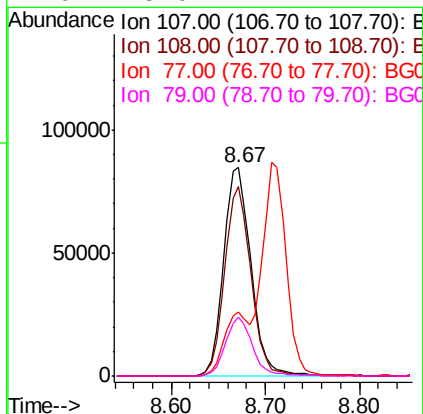
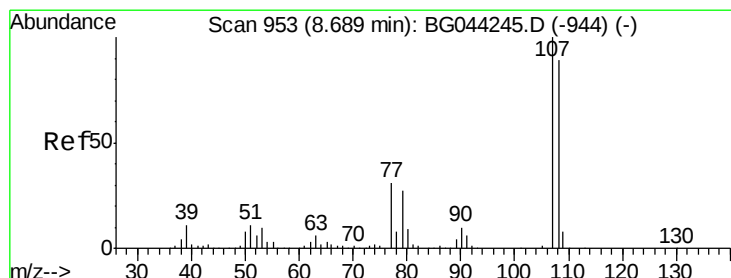
Instrument :
BNA_G
ClientSampled :

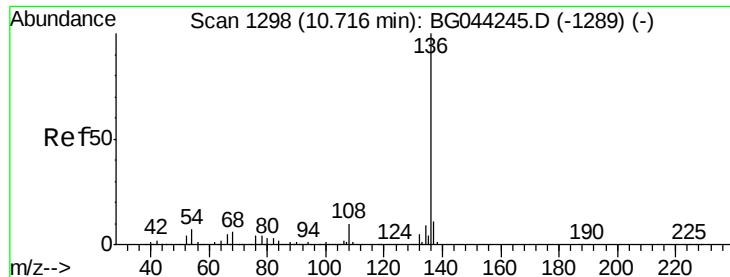
Tot Ion:	70	Resp:	104510
Ion	Ratio	Lower	Upper
70	100		
42	54.1	46.2	69.2
101	10.1	8.4	12.6
130	22.6	17.8	26.8



#20
3+4-Methylphenols
Concen: 39.207 ng
RT: 8.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Tgt Ion:	107	Resp:	171328
Ion	Ratio	Lower	Upper
107	100		
108	90.7	68.5	108.5
77	30.9	10.9	50.9
79	28.0	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: BG044487.D

Acq: 19 Feb 2020 12:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 239349

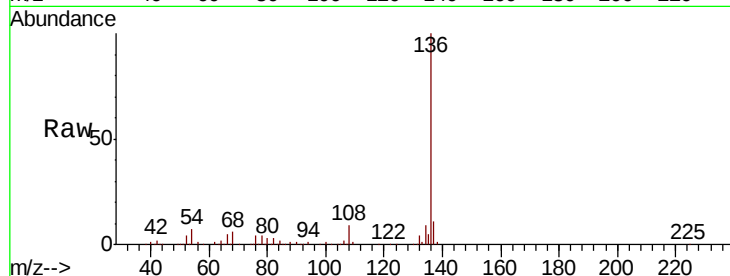
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.2 5.8 8.8

68 5.8 4.6 6.8

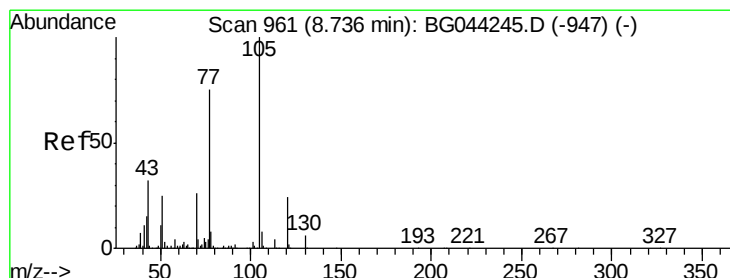
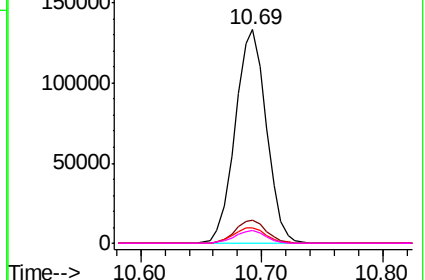
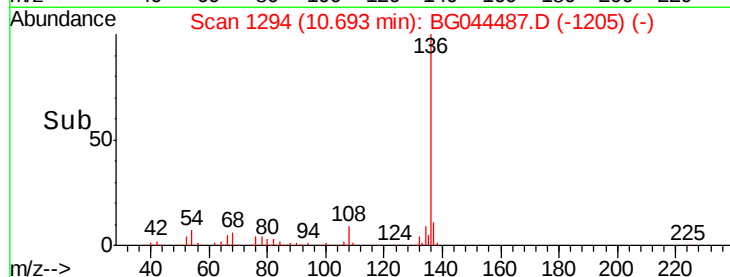


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.605 ng

RT: 8.71 min Scan# 956

Delta R.T. -0.02 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Tgt Ion:105 Resp: 201489

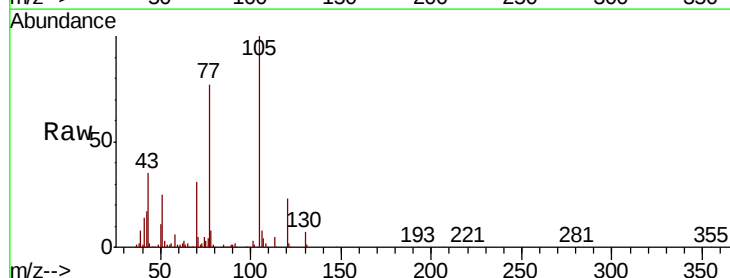
Ion Ratio Lower Upper

105 100

71 4.8 3.4 5.0

51 24.5 20.2 30.4

120 23.3 19.1 28.7

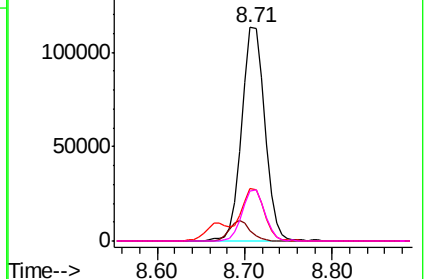
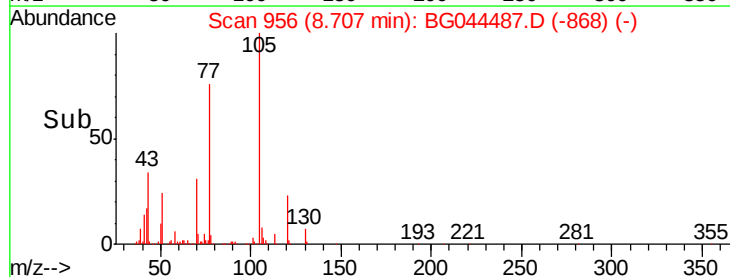


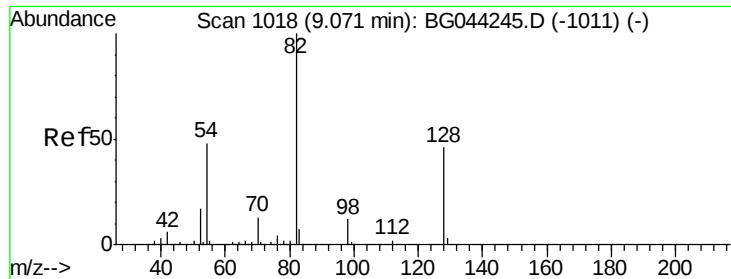
Abundance Ion 105.00 (104.70 to 105.70): E

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

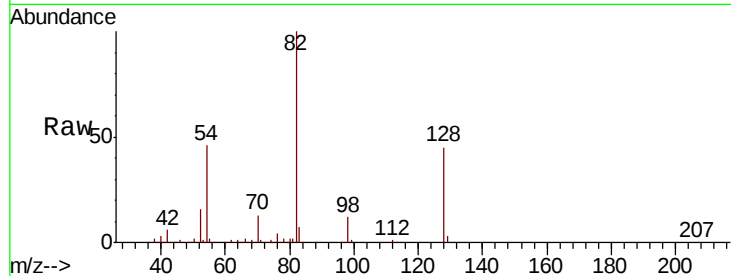




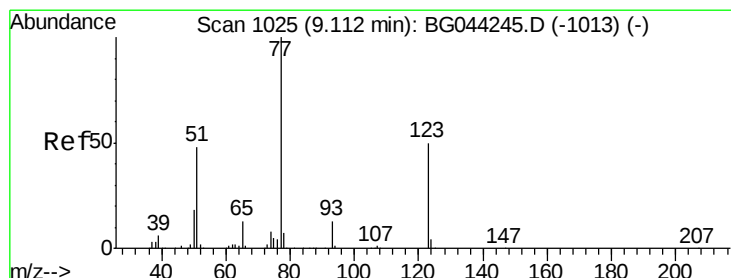
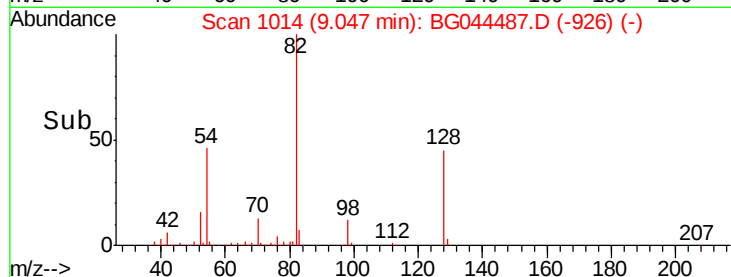
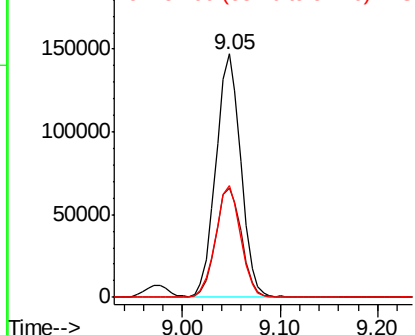
#23
 Nitrobenzene-d5
 Concen: 61.337 ng
 RT: 9.05 min Scan# 1014
 Delta R.T. -0.02 min
 Lab File: BG044487.D
 Acq: 19 Feb 2020 12:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.5	54.7
54	45.9	38.6	58.0

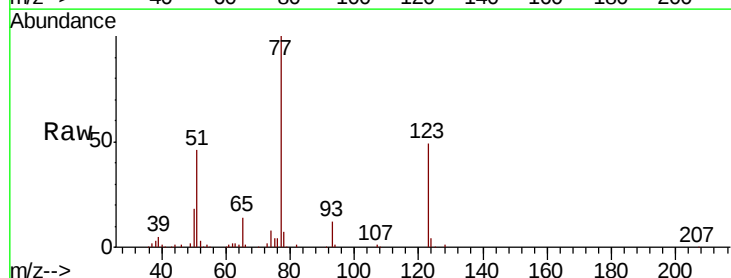


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

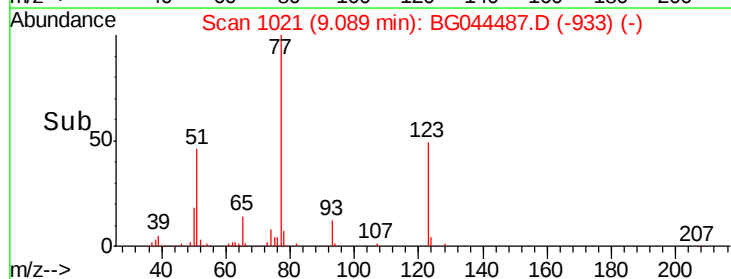
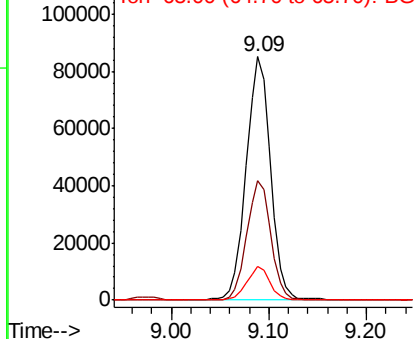


#24
 Nitrobenzene
 Concen: 36.125 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.02 min
 Lab File: BG044487.D
 Acq: 19 Feb 2020 12:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.2	39.9	59.9
65	13.8	10.4	15.6



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





#25

Isophorone

Concen: 36.895 ng

RT: 9.61 min Scan# 1110

Delta R.T. -0.02 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Instrument :

BNA_G

ClientSampleId :

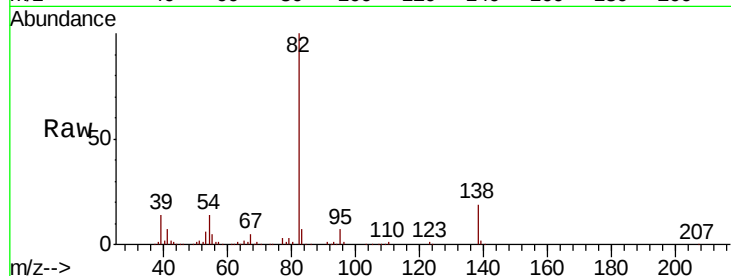
Tot Ion: 82 Resp: 291547

Ion Ratio Lower Upper

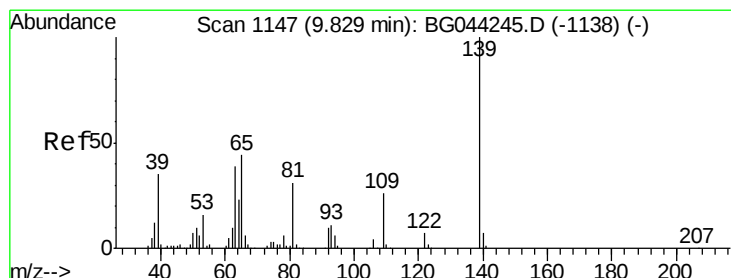
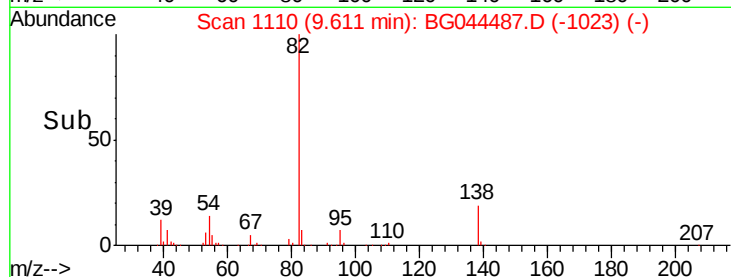
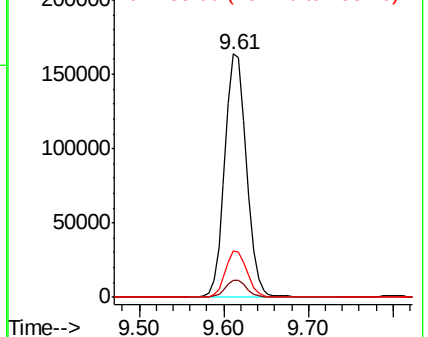
82 100

95 7.2 5.7 8.5

138 19.0 15.0 22.4



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 38.740 ng

RT: 9.80 min Scan# 1142

Delta R.T. -0.02 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

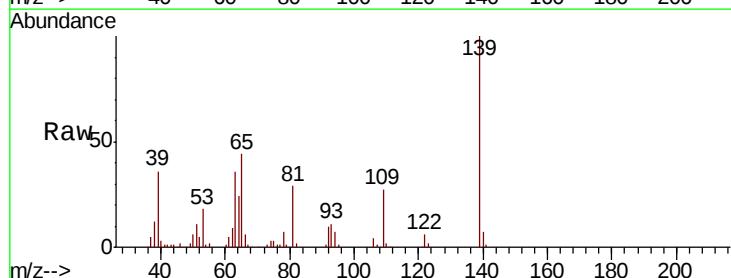
Tgt Ion: 139 Resp: 83197

Ion Ratio Lower Upper

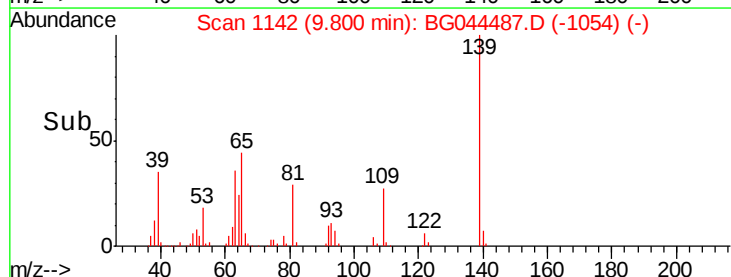
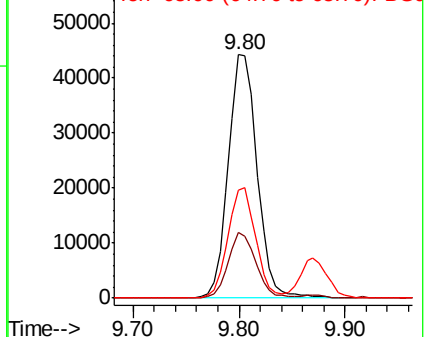
139 100

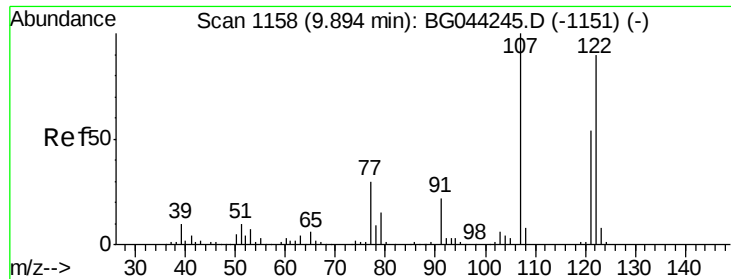
109 27.2 21.0 31.4

65 44.5 35.0 52.4



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

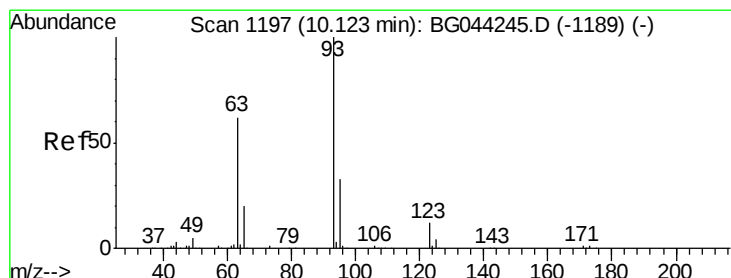
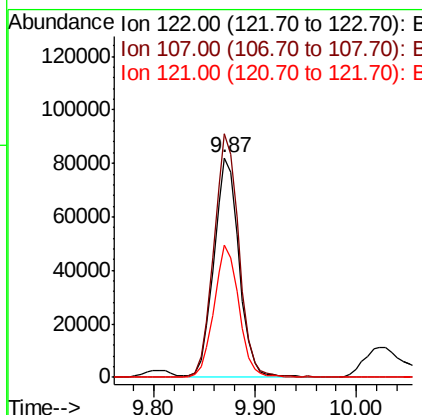
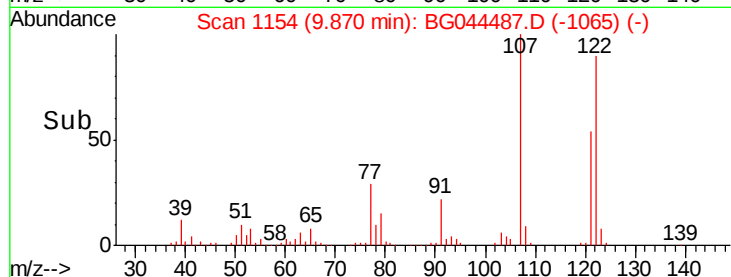
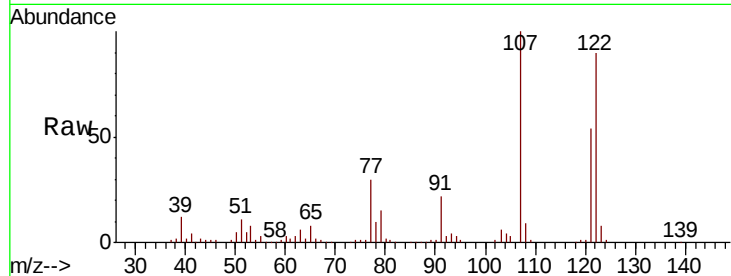




#27
 2,4-Dimethylphenol
 Concen: 46.075 ng
 RT: 9.87 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BG044487.D
 Acq: 19 Feb 2020 12:49

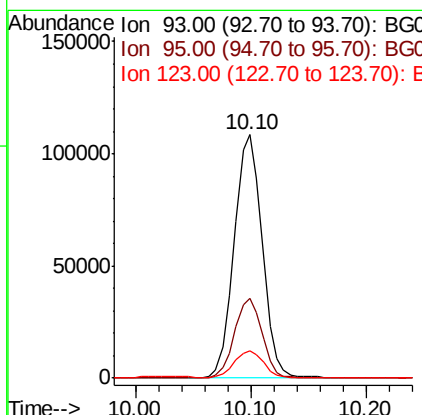
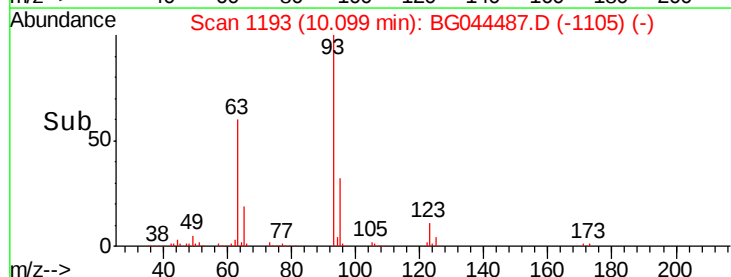
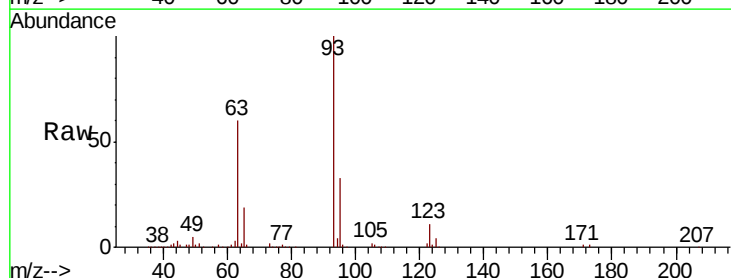
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 139679
 Ion Ratio Lower Upper
 122 100
 107 110.8 88.8 133.2
 121 60.0 48.3 72.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.618 ng
 RT: 10.10 min Scan# 1193
 Delta R.T. -0.02 min
 Lab File: BG044487.D
 Acq: 19 Feb 2020 12:49

Tgt Ion: 93 Resp: 182484
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.6 40.0
 123 11.4 10.0 15.0

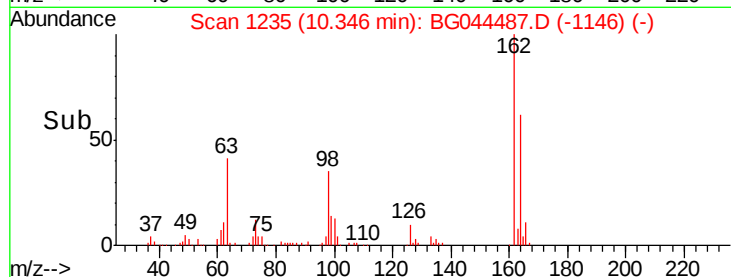
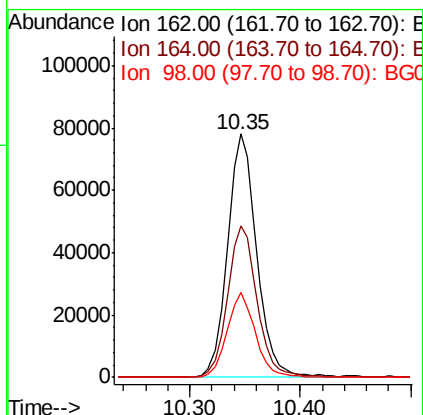
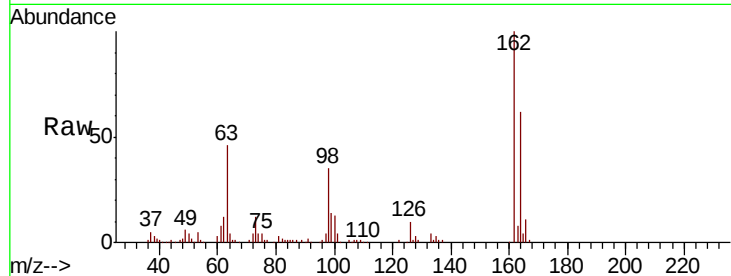




#29
 2,4-Dichlorophenol
 Concen: 39.366 ng
 RT: 10.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BG044487.D
 Acq: 19 Feb 2020 12:49

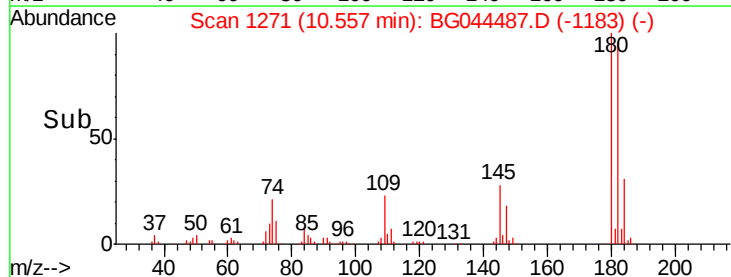
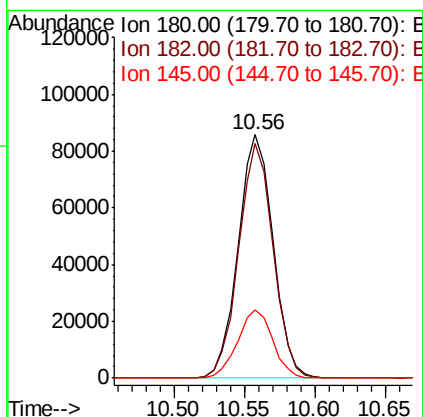
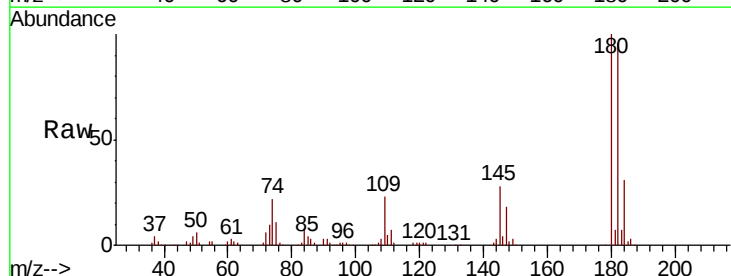
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	44.7	84.7
98	35.0	15.8	55.8



#30
 1,2,4-Trichlorobenzene
 Concen: 35.290 ng
 RT: 10.56 min Scan# 1271
 Delta R.T. -0.02 min
 Lab File: BG044487.D
 Acq: 19 Feb 2020 12:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.5	113.3
145	28.2	22.6	34.0

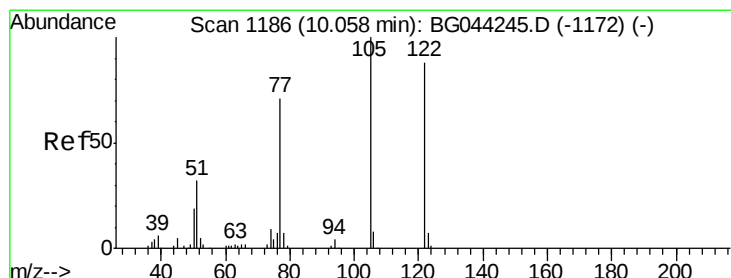
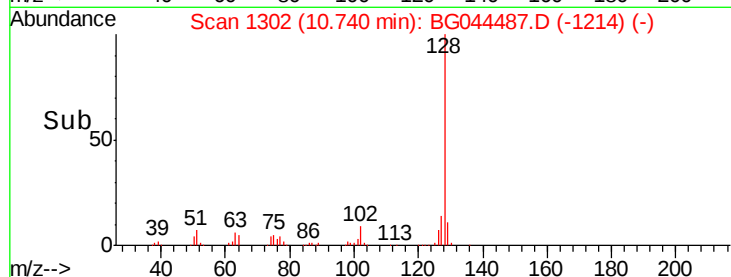
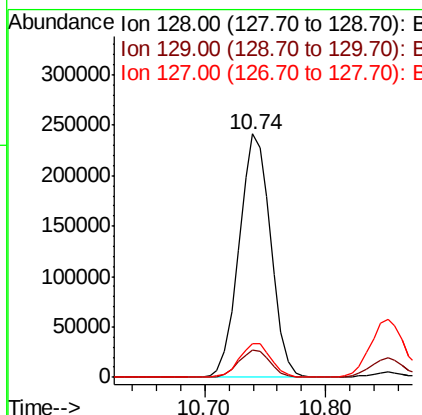
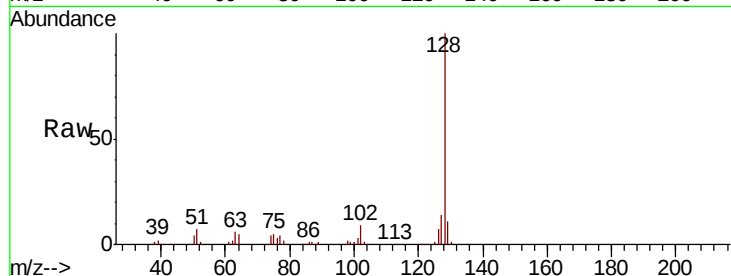




#31
Naphthalene
Concen: 37.786 ng
RT: 10.74 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

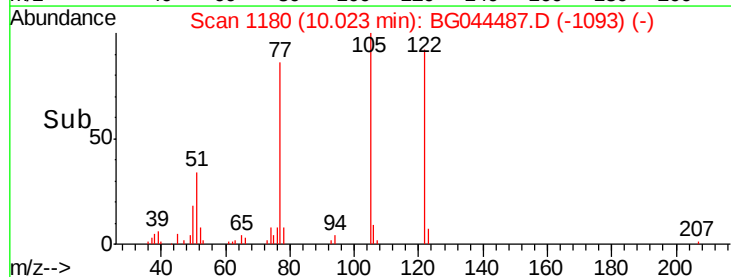
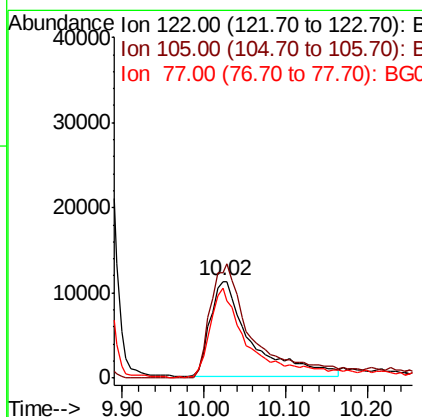
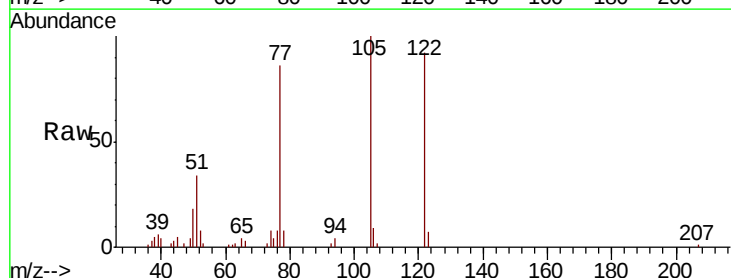
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 438786
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 14.0 11.6 17.4



#32
Benzoic acid
Concen: 28.103 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Tgt Ion:122 Resp: 39473
Ion Ratio Lower Upper
122 100
105 108.5 93.5 133.5
77 93.6 61.0 101.0

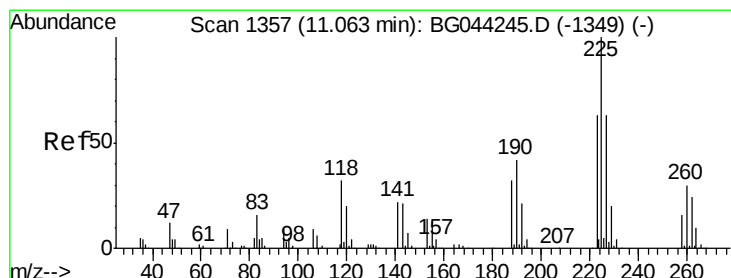
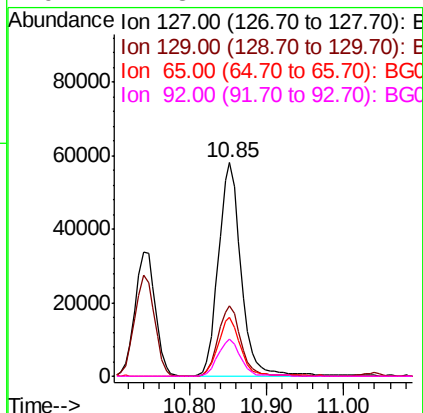
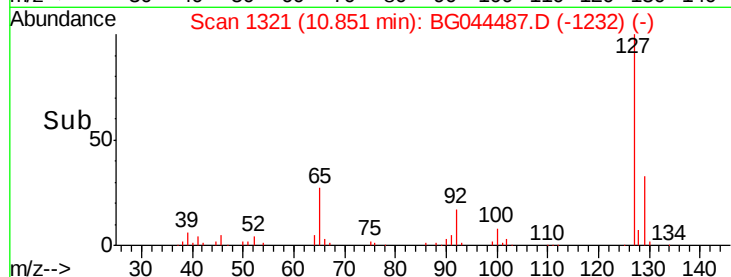
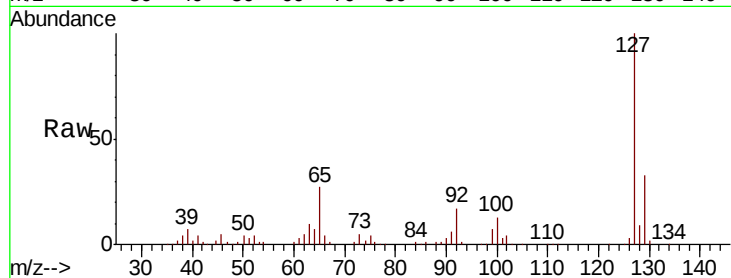




#33
4-Chloroaniline
Concen: 22.466 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

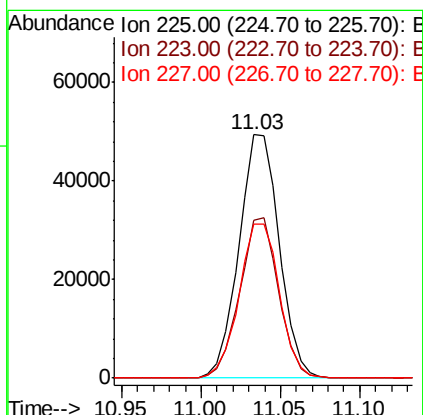
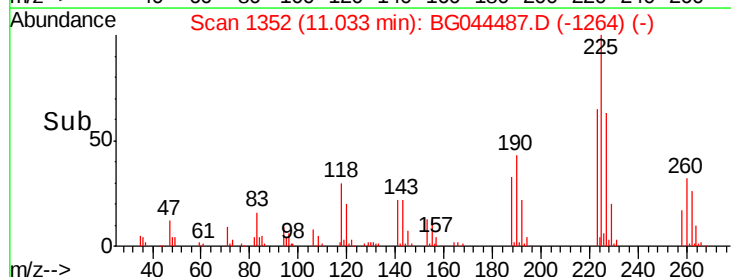
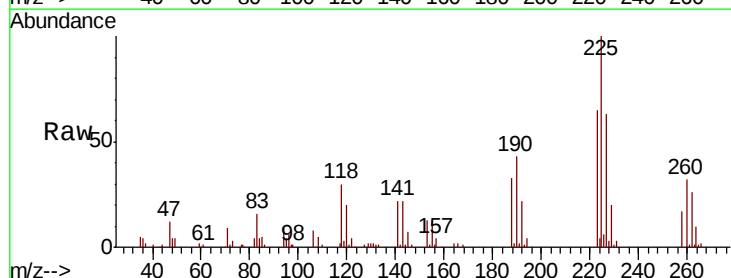
Instrument :
BNA_G
ClientSampleId :

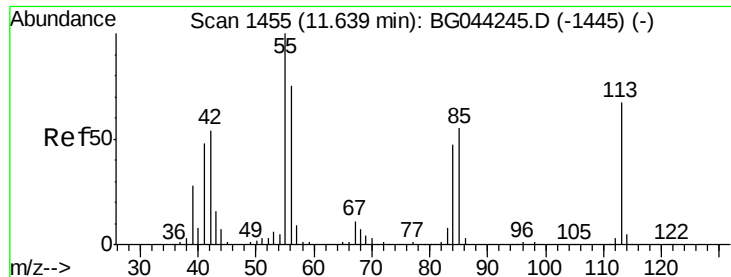
Tot Ion:127	Resp:	118650
Ion Ratio	Lower	Upper
127	100	
129	32.9	26.6 40.0
65	27.4	22.5 33.7
92	17.3	14.1 21.1



#34
Hexachlorobutadiene
Concen: 33.640 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Tgt Ion:225	Resp:	87006
Ion Ratio	Lower	Upper
225	100	
223	65.1	50.2 75.4
227	63.0	50.8 76.2

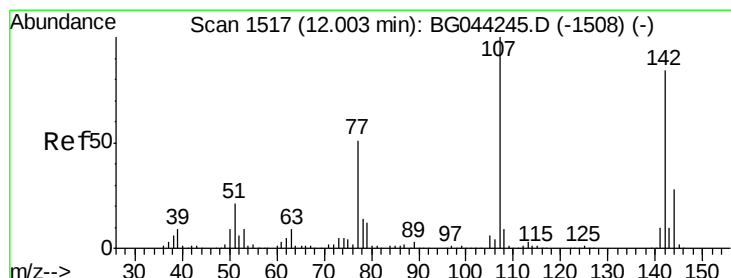
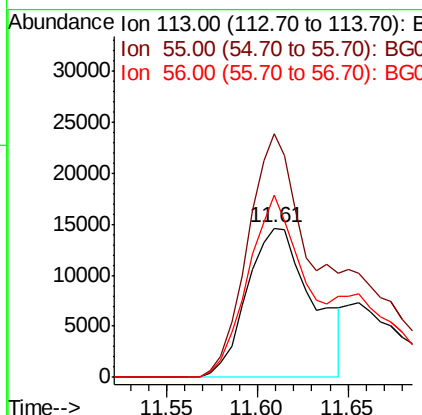
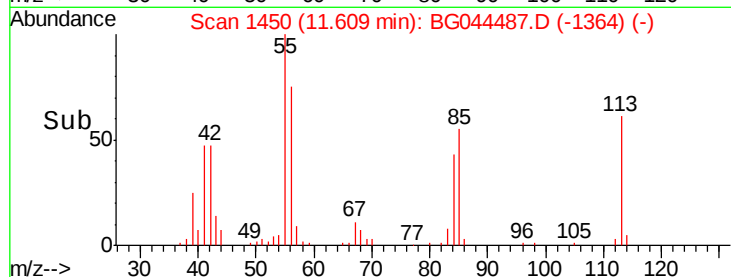
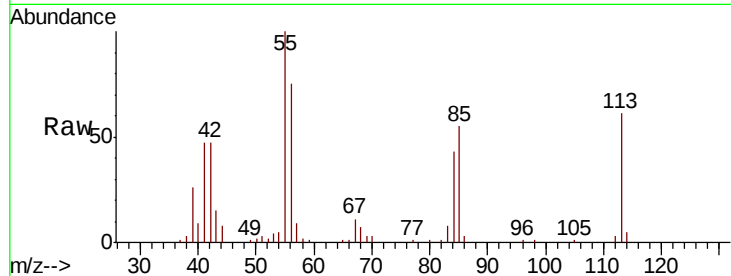




#35
 Caprolactam
 Concen: 27.504 ng
 RT: 11.61 min Scan# 1450
 Delta R.T. -0.03 min
 Lab File: BG044487.D
 Acq: 19 Feb 2020 12:49

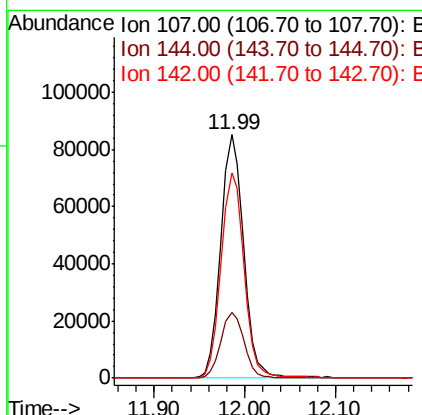
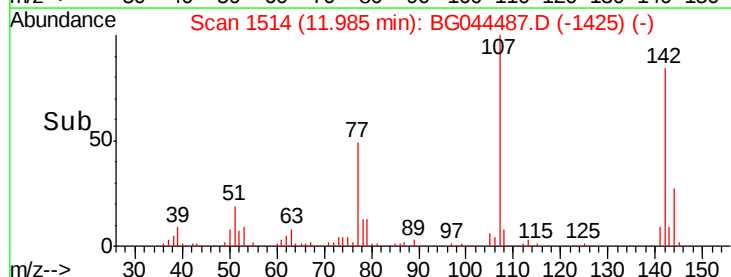
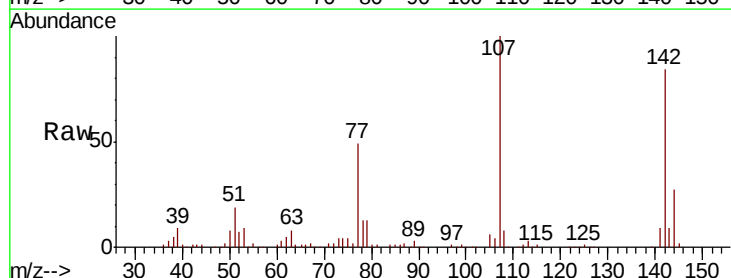
Instrument :
 BNA_G
 ClientSampleId :

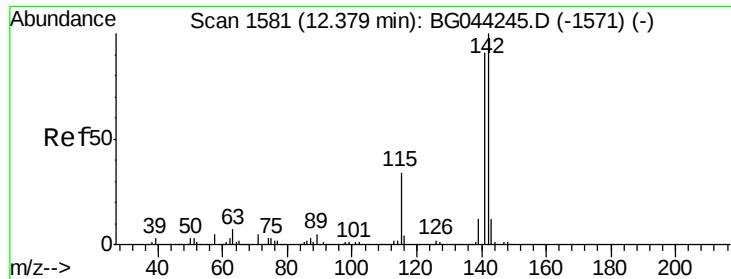
Tot Ion:113 Resp: 36933
 Ion Ratio Lower Upper
 113 100
 55 163.3 129.9 169.9
 56 121.9 92.5 132.5



#36
 4-Chloro-3-methylphenol
 Concen: 39.008 ng
 RT: 11.99 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BG044487.D
 Acq: 19 Feb 2020 12:49

Tgt Ion:107 Resp: 149917
 Ion Ratio Lower Upper
 107 100
 144 27.0 22.2 33.4
 142 84.3 67.4 101.0

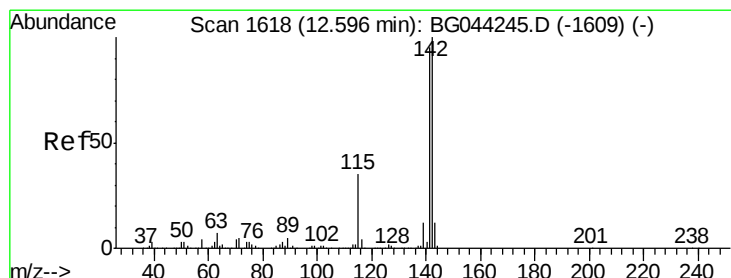
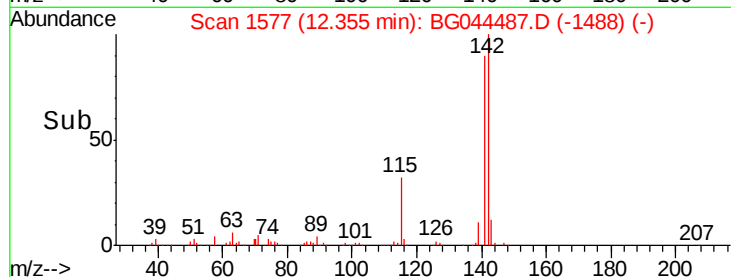
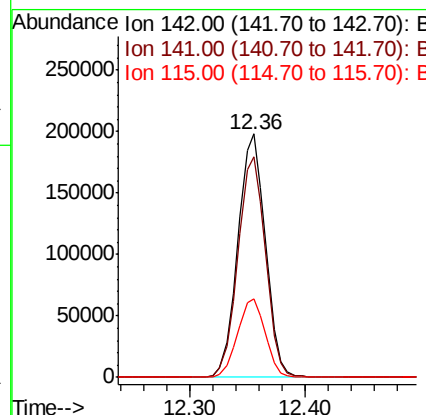
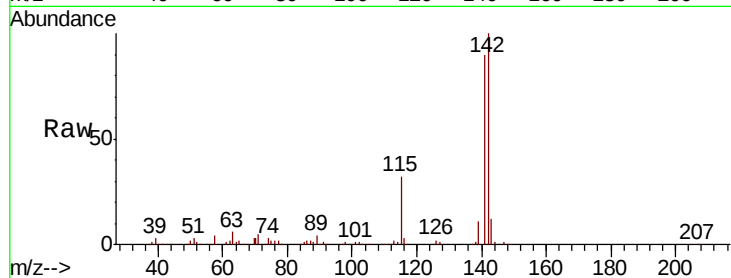




#37
2-Methylnaphthalene
Concen: 37.852 ng
RT: 12.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

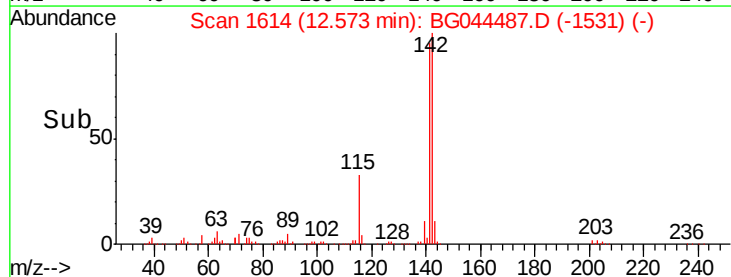
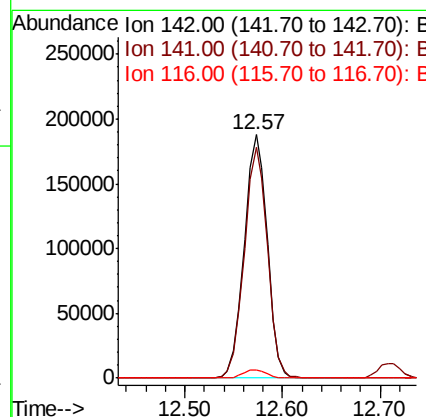
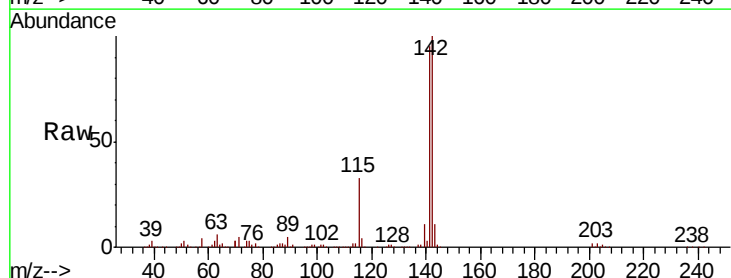
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	73.2	109.8
115	32.4	27.1	40.7



#38
1-Methylnaphthalene
Concen: 37.869 ng
RT: 12.57 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.7	75.8	113.6
116	3.5	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.54 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Instrument :

BNA_G

ClientSampleId :

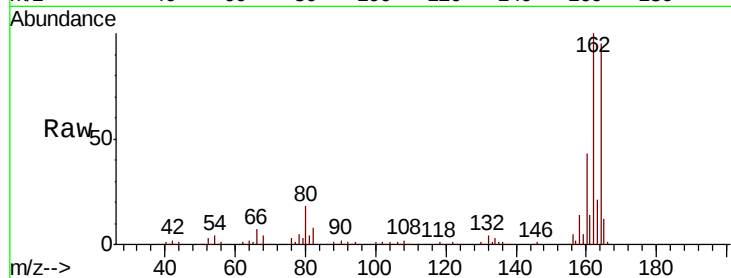
Tot Ion:164 Resp: 155940

Ion Ratio Lower Upper

164 100

162 105.8 80.7 121.1

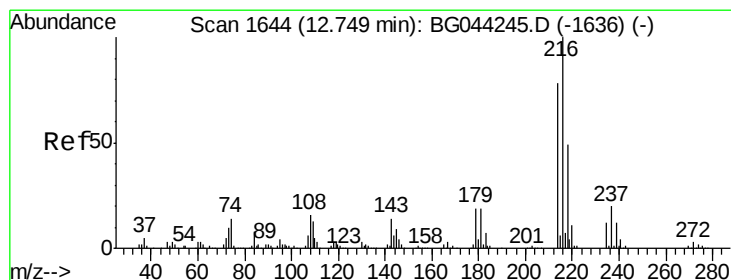
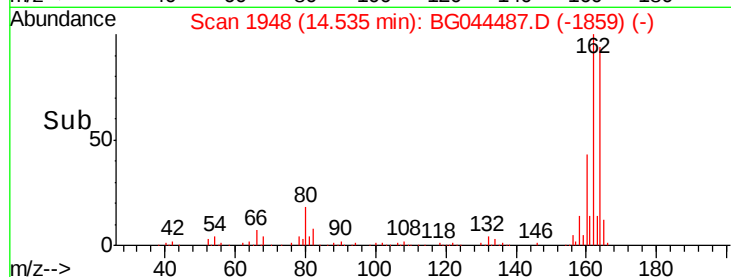
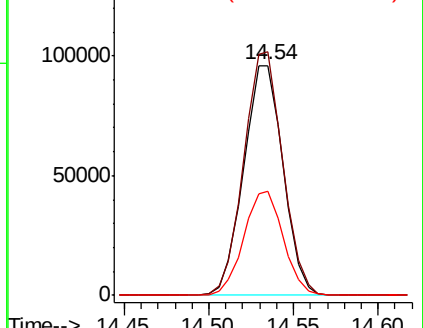
160 45.1 35.3 52.9



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: 34.496 ng

RT: 12.73 min Scan# 1640

Delta R.T. -0.02 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Tgt Ion:216 Resp: 160914

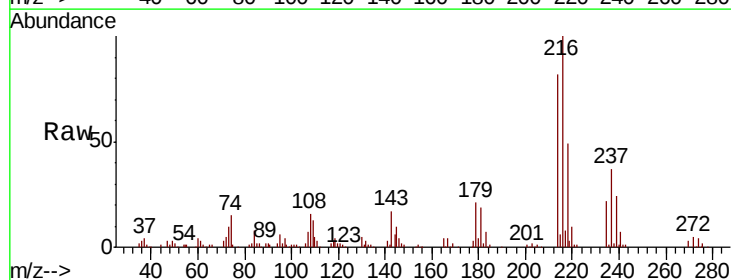
Ion Ratio Lower Upper

216 100

214 79.8 63.0 94.6

179 20.1 16.2 24.4

108 17.8 13.5 20.3

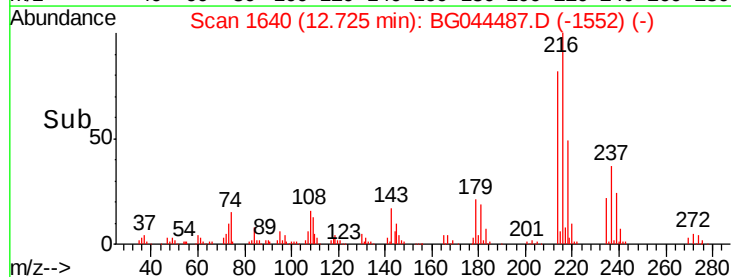
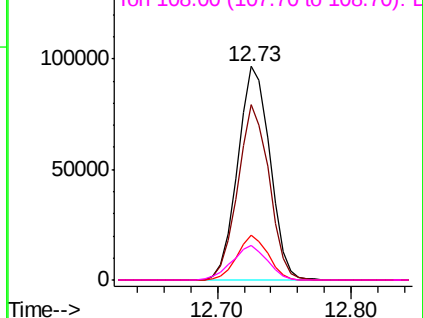


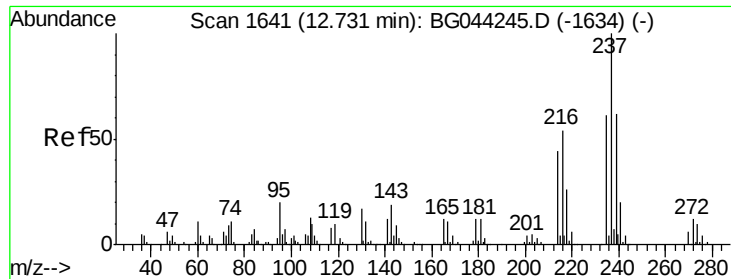
Abundance Ion 216.00 (215.70 to 216.70): E

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: 73.960 ng

RT: 12.71 min Scan# 1637

Delta R.T. -0.02 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Instrument :

BNA_G

ClientSampleId :

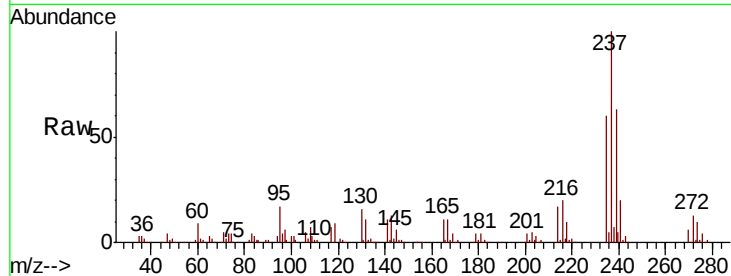
Tot Ion:237 Resp: 165540

Ion Ratio Lower Upper

237 100

235 59.7 41.2 81.2

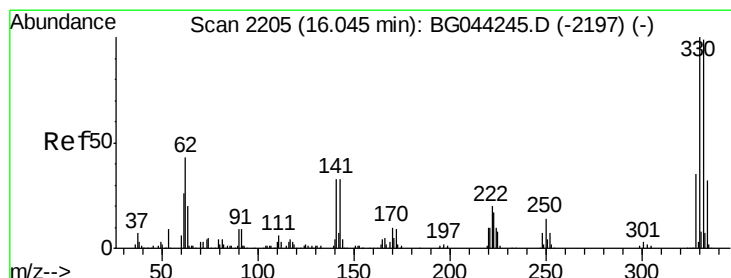
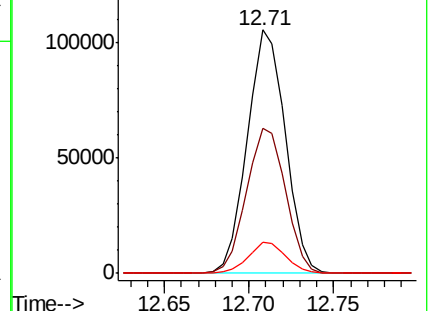
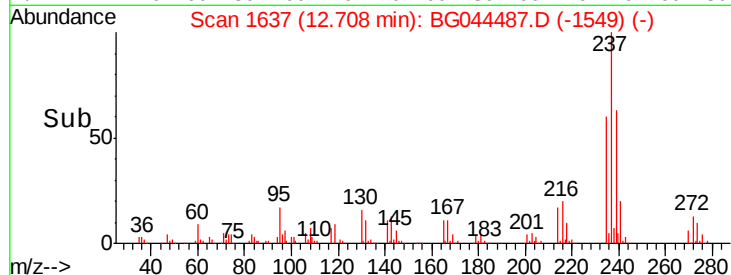
272 12.7 0.0 32.4



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: 107.794 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

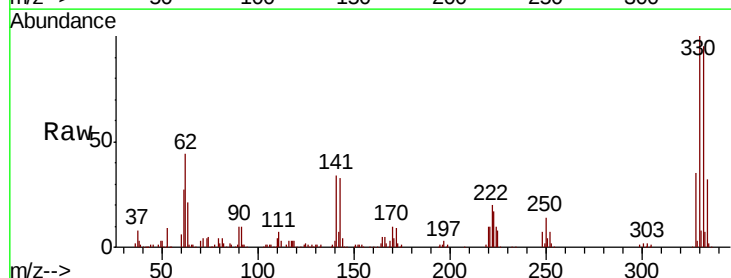
Tgt Ion:330 Resp: 197332

Ion Ratio Lower Upper

330 100

332 96.4 77.2 115.8

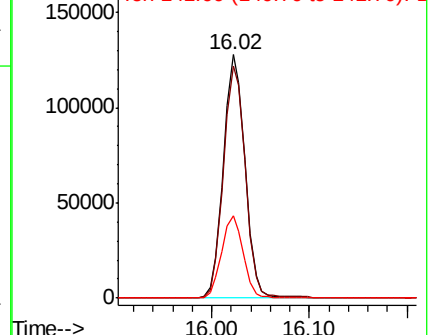
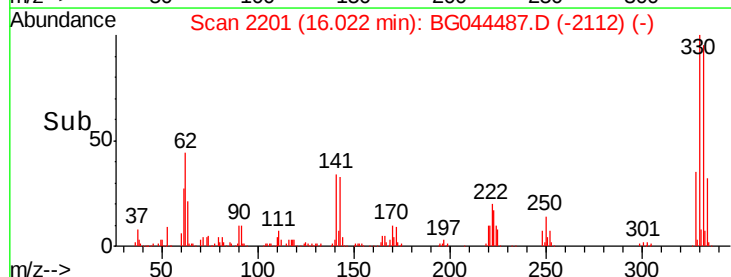
141 33.7 28.3 42.5



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

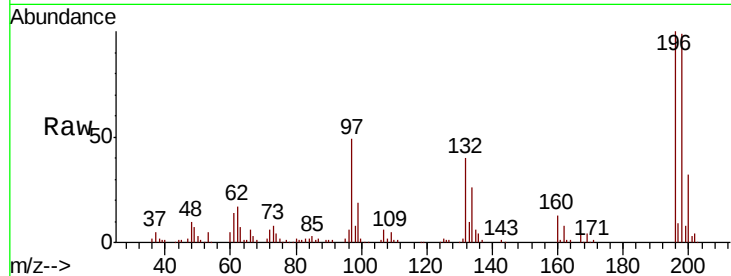




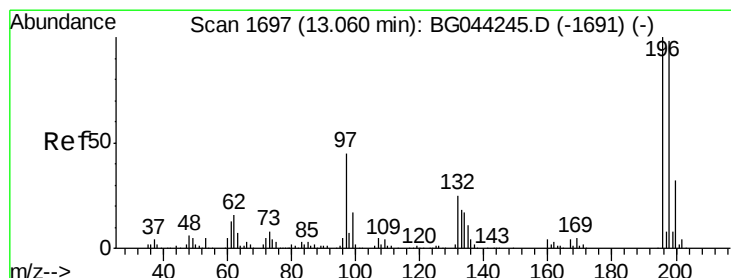
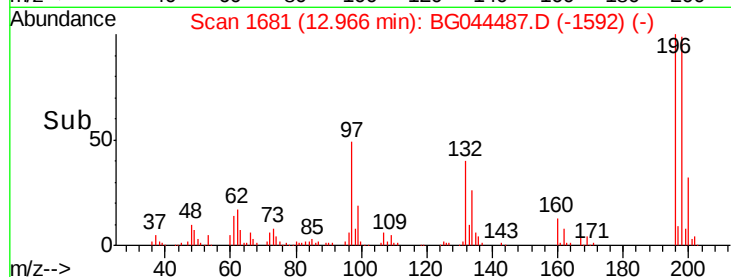
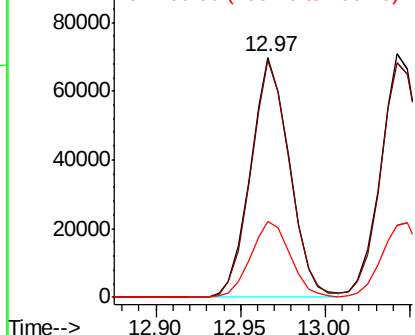
#43
 2,4,6-Trichlorophenol
 Concen: 36.995 ng
 RT: 12.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG044487.D
 Acq: 19 Feb 2020 12:49

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 111545
 Ion Ratio Lower Upper
 196 100
 198 98.9 79.3 118.9
 200 31.7 25.7 38.5

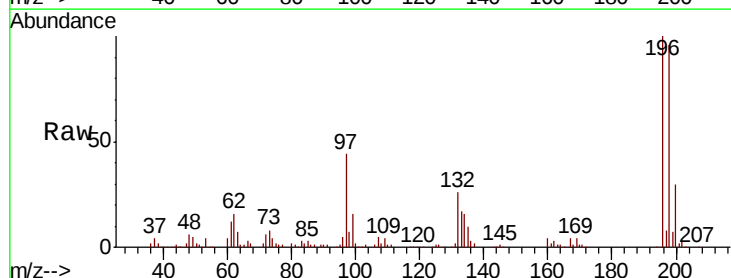


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

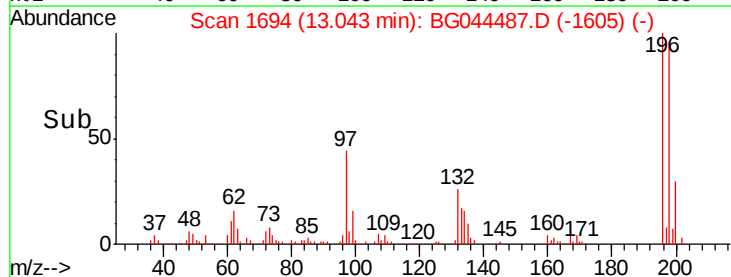
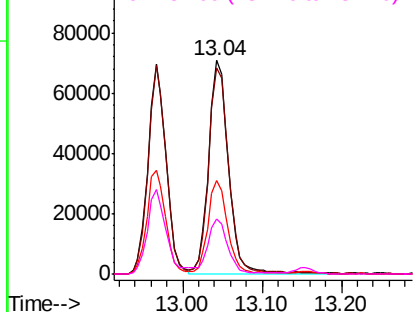


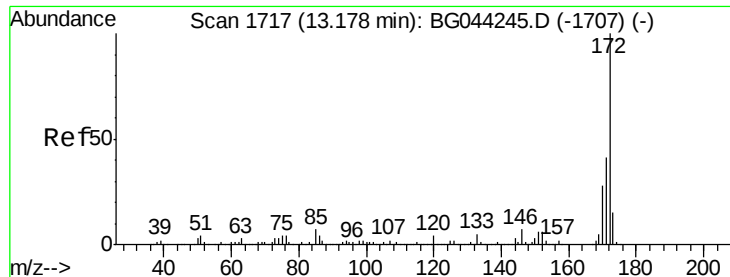
#44
 2,4,5-Trichlorophenol
 Concen: 39.978 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BG044487.D
 Acq: 19 Feb 2020 12:49

Tgt Ion:196 Resp: 123117
 Ion Ratio Lower Upper
 196 100
 198 96.3 78.2 117.2
 97 43.7 36.2 54.4
 132 25.6 20.2 30.4



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

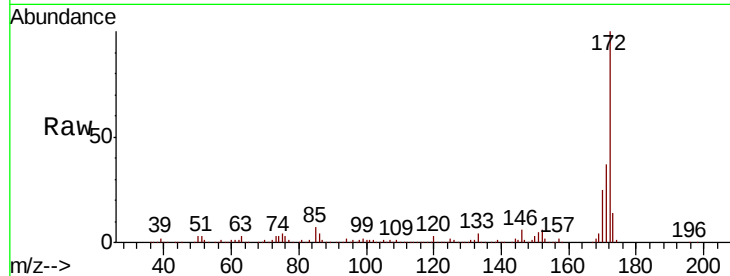




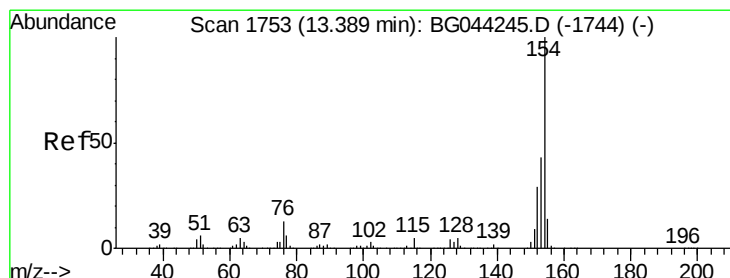
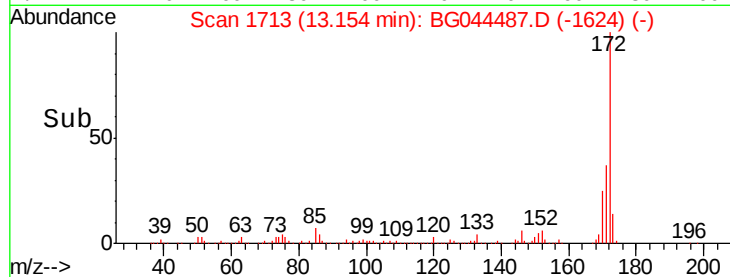
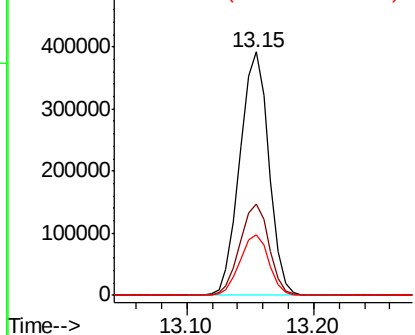
#45
 2-Fluorobiphenyl
 Concen: 66.548 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG044487.D
 Acq: 19 Feb 2020 12:49

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:172 Resp: 619721
 Ion Ratio Lower Upper
 172 100
 171 37.4 32.9 49.3
 170 24.8 22.0 33.0

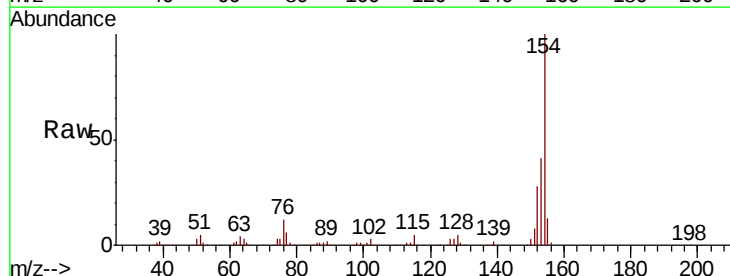


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

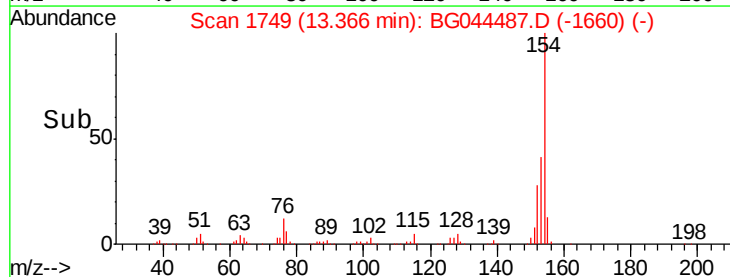
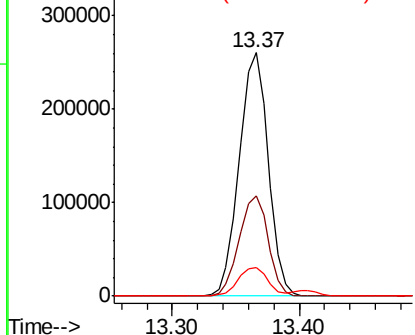


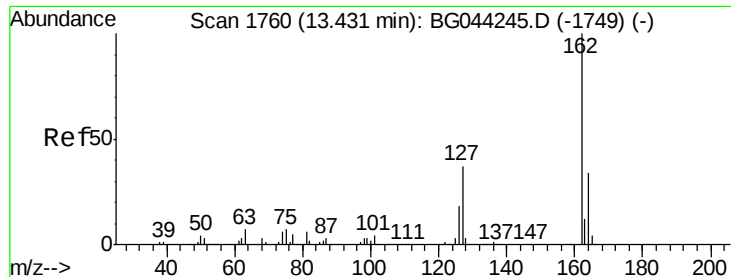
#46
 1,1'-Biphenyl
 Concen: 36.747 ng
 RT: 13.37 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG044487.D
 Acq: 19 Feb 2020 12:49

Tgt Ion:154 Resp: 413331
 Ion Ratio Lower Upper
 154 100
 153 41.4 22.7 62.7
 76 11.7 0.0 32.9



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG





#47

2-Chloronaphthalene

Concen: 35.785 ng

RT: 13.41 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Instrument :

BNA_G

ClientSampleId :

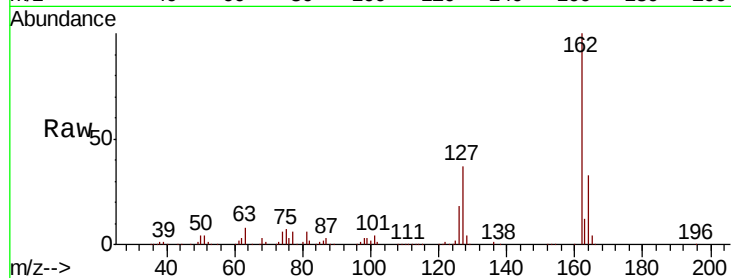
Tot Ion:162 Resp: 320298

Ion Ratio Lower Upper

162 100

127 37.0 30.0 45.0

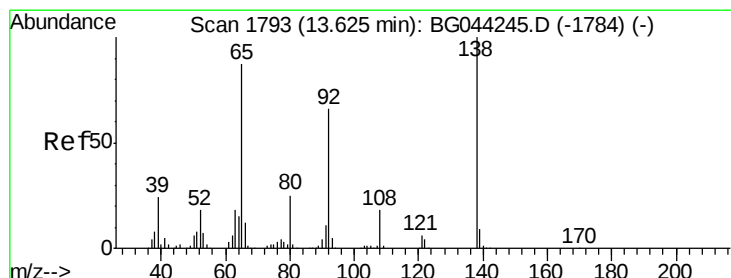
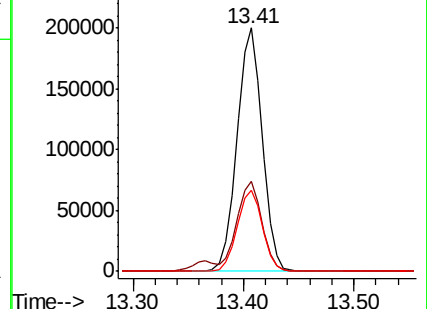
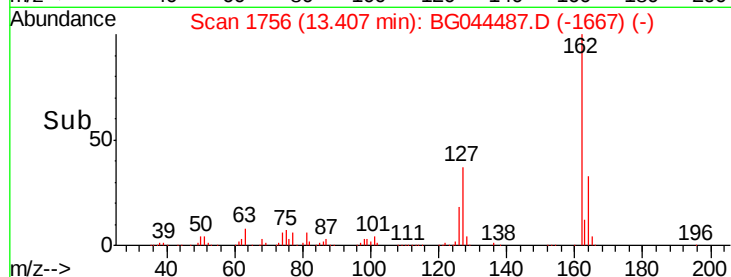
164 33.5 27.2 40.8



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: 34.369 ng

RT: 13.61 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

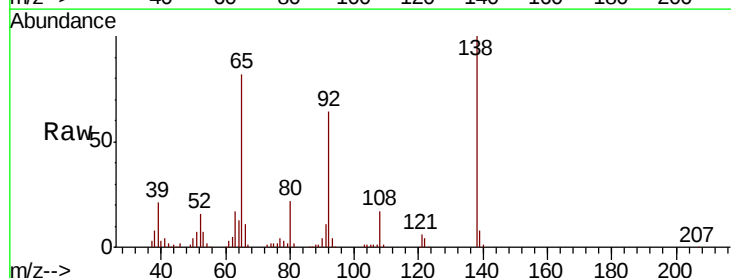
Tgt Ion: 65 Resp: 90786

Ion Ratio Lower Upper

65 100

92 77.6 60.3 90.5

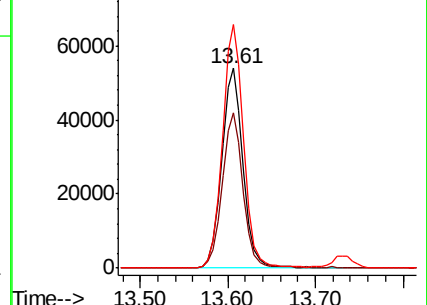
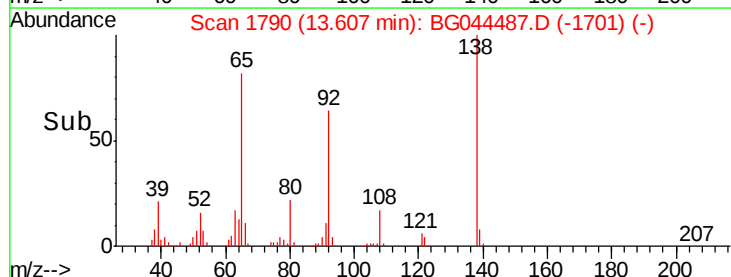
138 122.0 91.9 137.9



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: 39.483 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Instrument :

BNA_G

ClientSampleId :

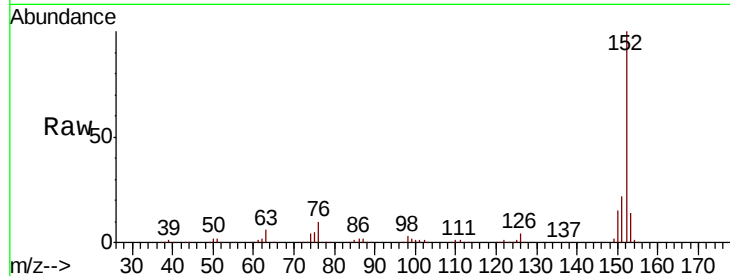
Tot Ion:152 Resp: 518340

Ion Ratio Lower Upper

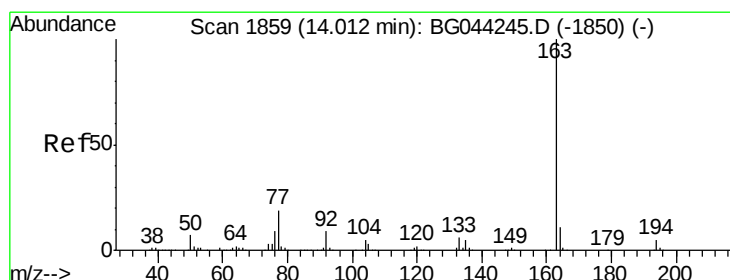
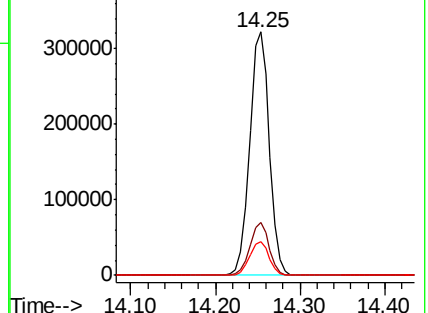
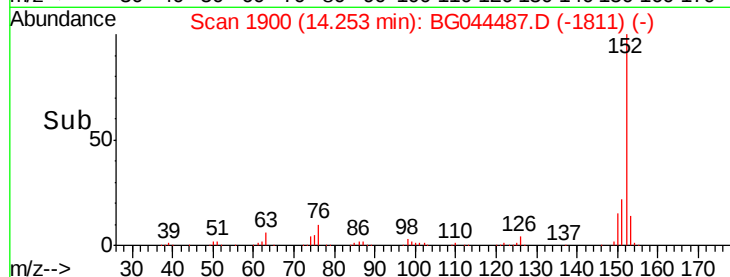
152 100

151 21.9 18.1 27.1

153 14.0 11.5 17.3



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



#50

Dimethylphthalate

Concen: 36.730 ng

RT: 13.99 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

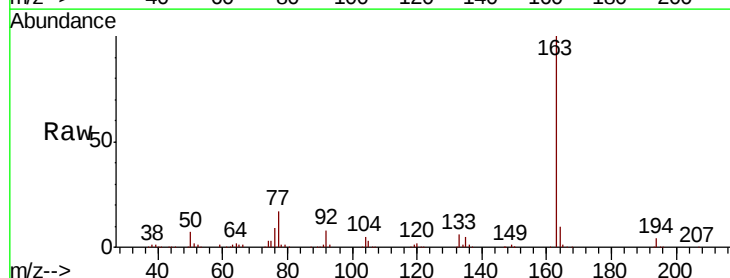
Tgt Ion:163 Resp: 411723

Ion Ratio Lower Upper

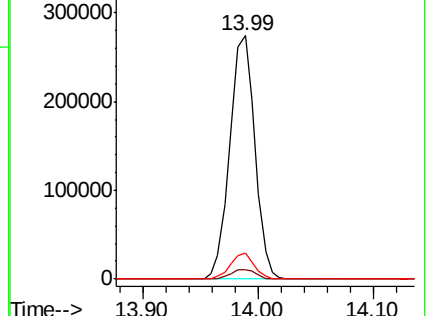
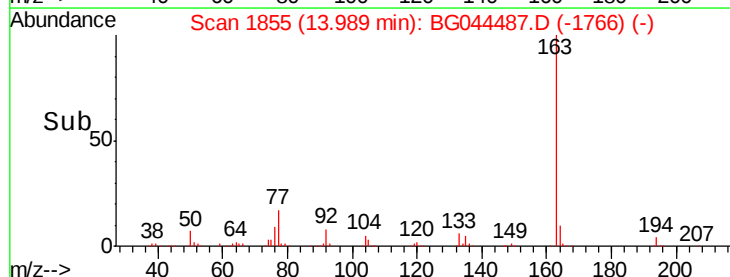
163 100

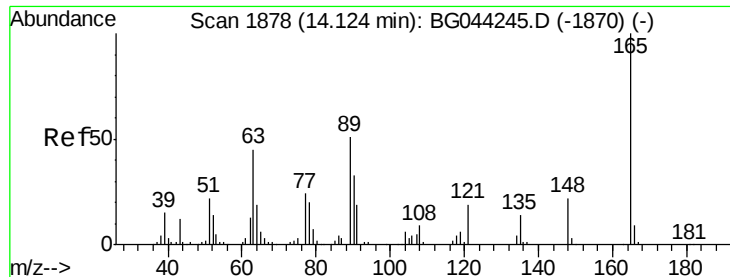
194 4.1 3.6 5.4

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: 37.436 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.02 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Instrument :

BNA_G

ClientSampled :

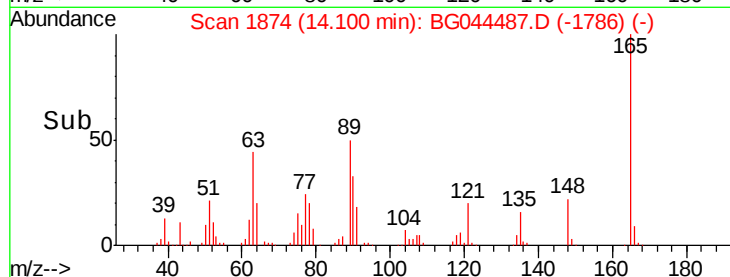
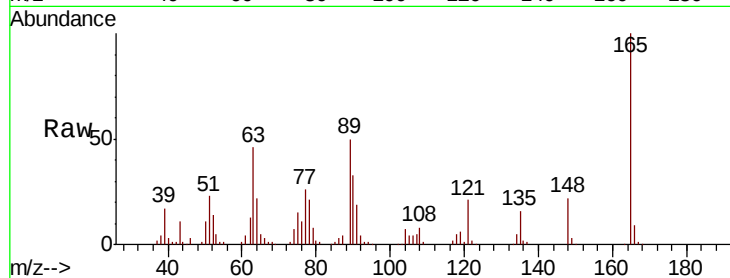
Tot Ion:165 Resp: 93565

Ion Ratio Lower Upper

165 100

63 46.2 38.7 58.1

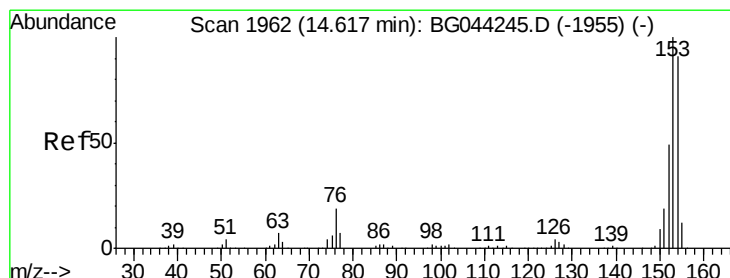
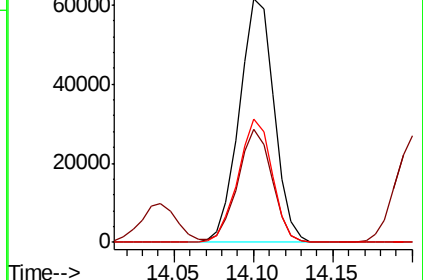
89 50.4 40.4 60.6



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: 36.842 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.02 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

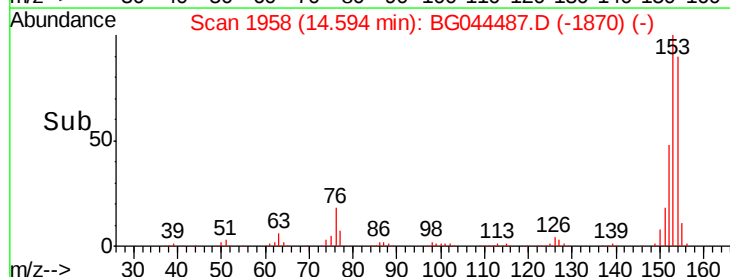
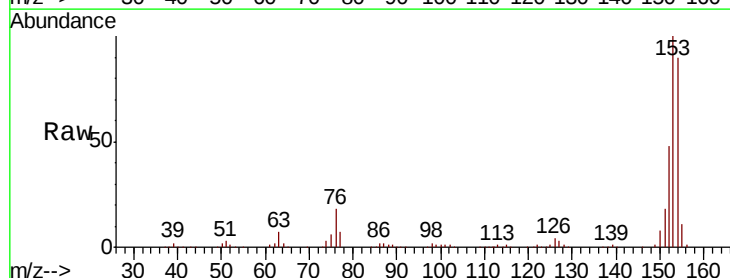
Tgt Ion:154 Resp: 313502

Ion Ratio Lower Upper

154 100

153 111.6 87.9 131.9

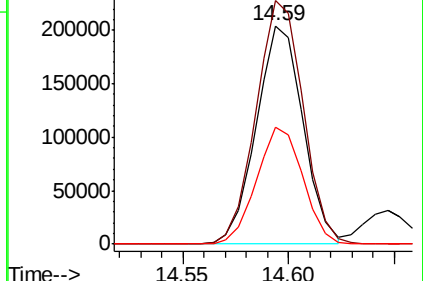
152 53.3 43.1 64.7



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

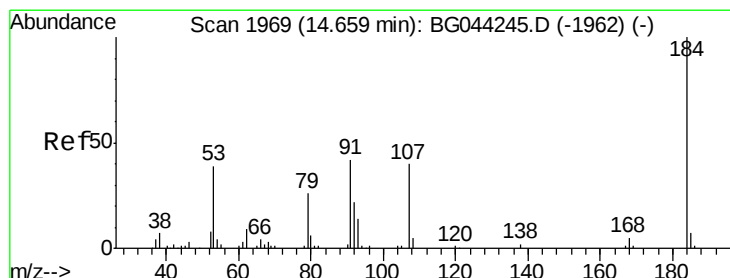
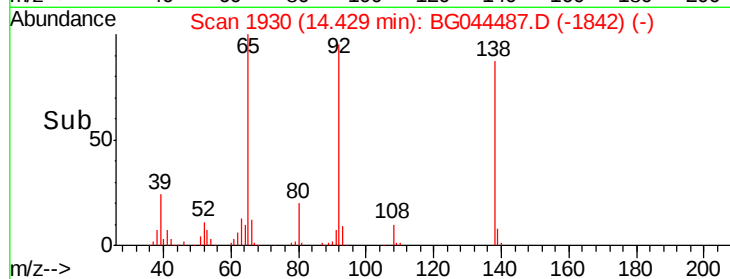
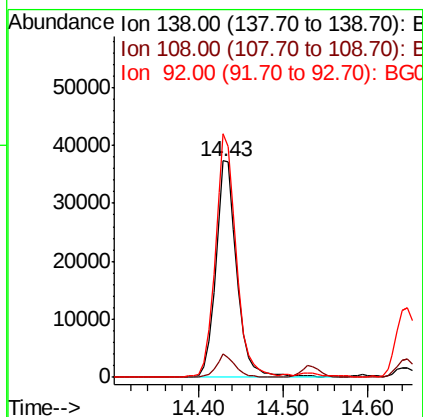
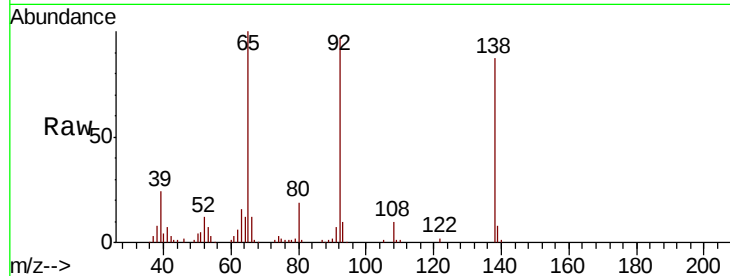




#53
3-Nitroaniline
Concen: 23.561 ng
RT: 14.43 min Scan# 1930
Delta R.T. -0.02 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

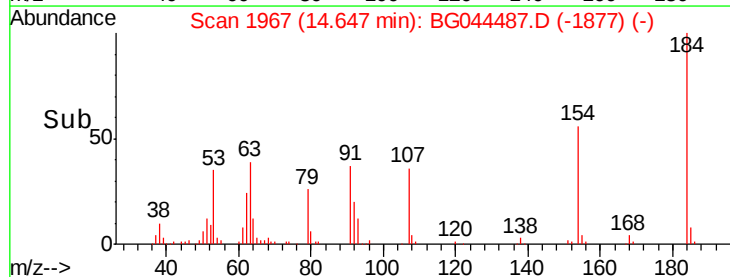
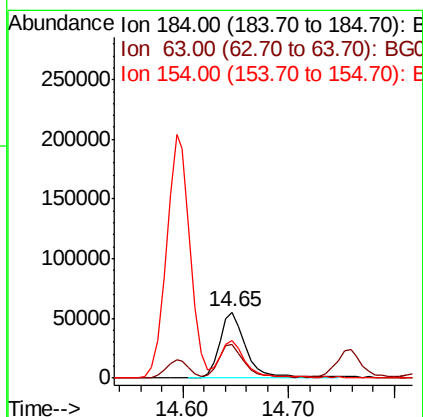
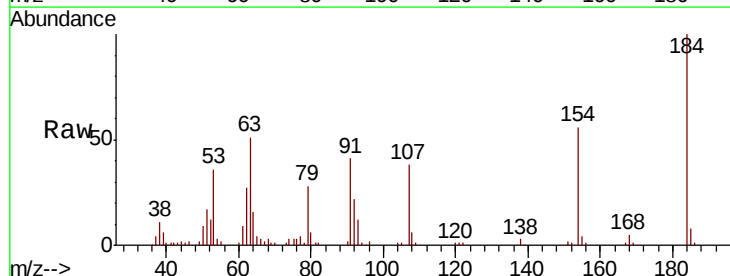
Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 65150
Ion Ratio Lower Upper
138 100
108 11.1 7.9 11.9
92 112.5 91.0 136.4



#54
2,4-Dinitrophenol
Concen: 66.843 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Tgt Ion:184 Resp: 96939
Ion Ratio Lower Upper
184 100
63 51.1 44.1 66.1
154 56.0 45.4 68.0

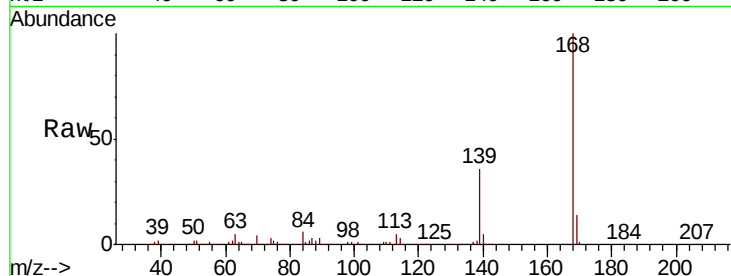




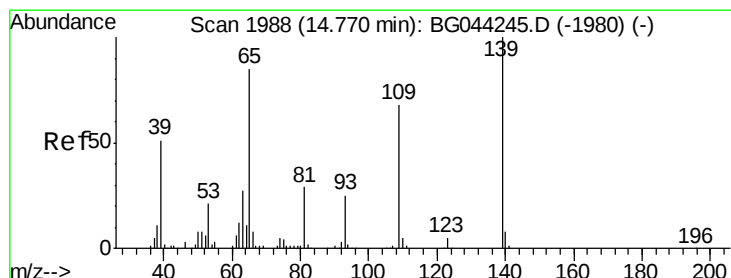
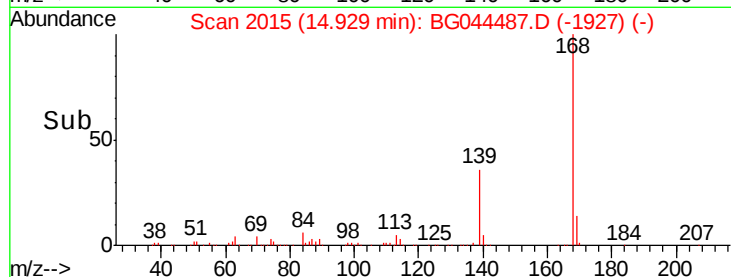
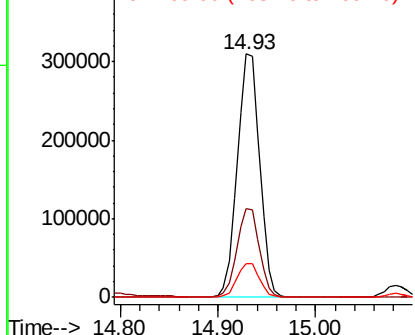
#55
Dibenzenofuran
Concen: 38.326 ng
RT: 14.93 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 493771
Ion Ratio Lower Upper
168 100
139 36.2 30.5 45.7
169 14.1 11.7 17.5

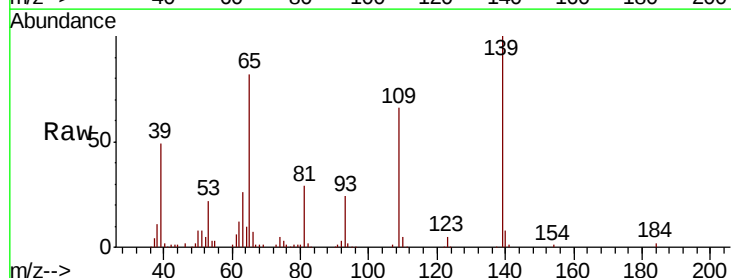


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

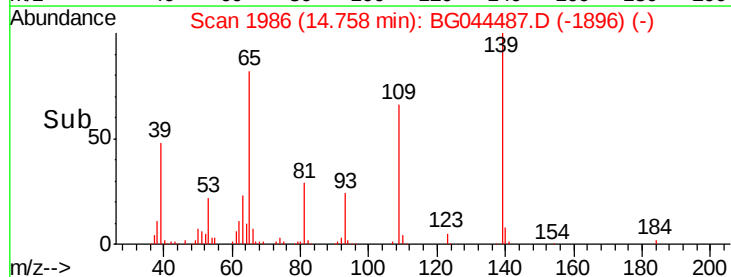
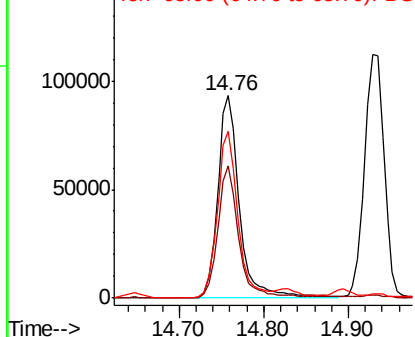


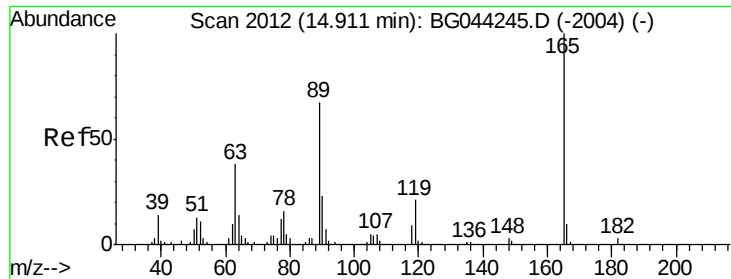
#56
4-Nitrophenol
Concen: 82.893 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Tgt Ion:139 Resp: 167898
Ion Ratio Lower Upper
139 100
109 65.6 47.5 87.5
65 82.2 64.9 104.9



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

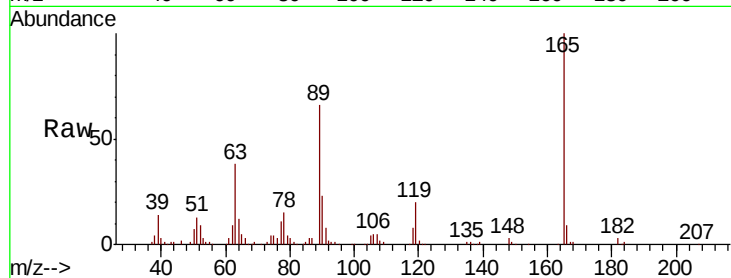




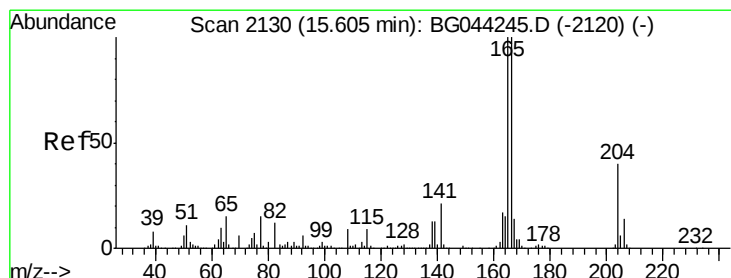
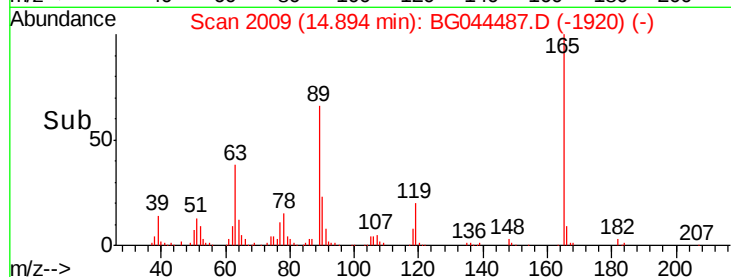
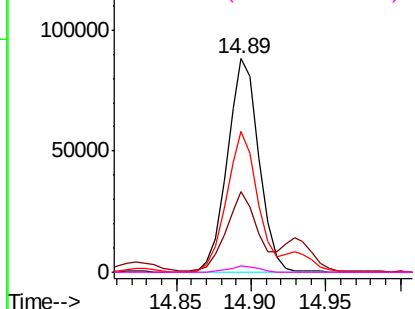
#57
2,4-Dinitrotoluene
Concen: 37.321 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.5	30.3	45.5
89	65.7	53.4	80.2
182	2.9	2.1	3.1

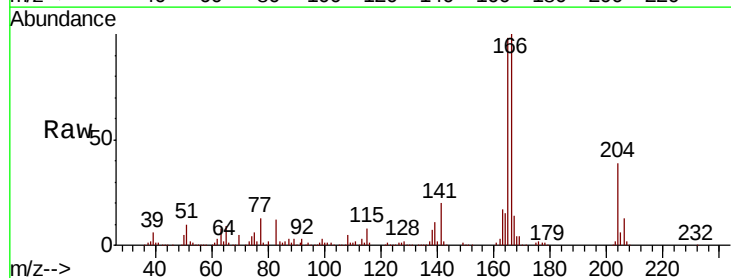


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

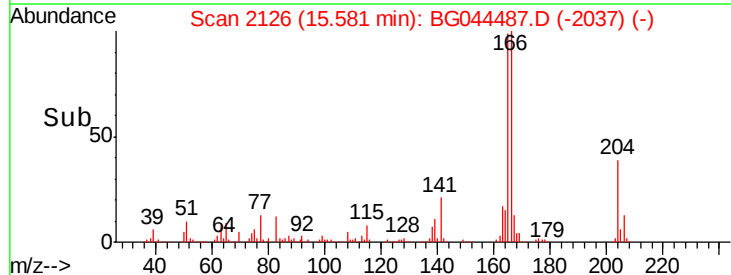
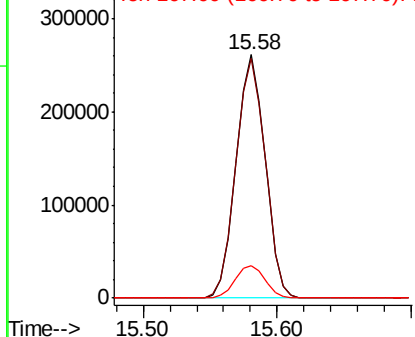


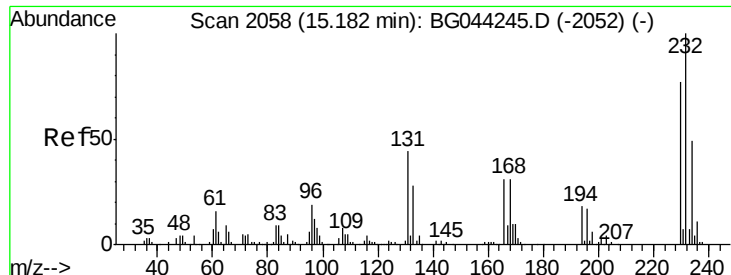
#58
Fluorene
Concen: 38.854 ng
RT: 15.58 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.9	119.9
167	13.5	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

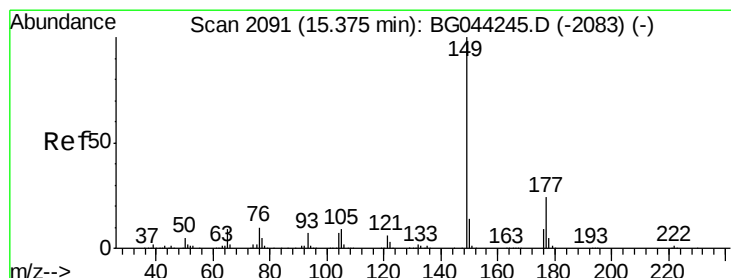
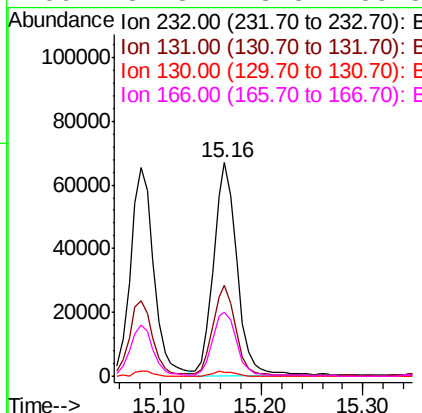
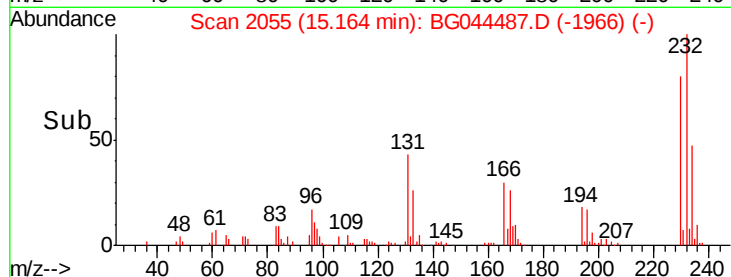
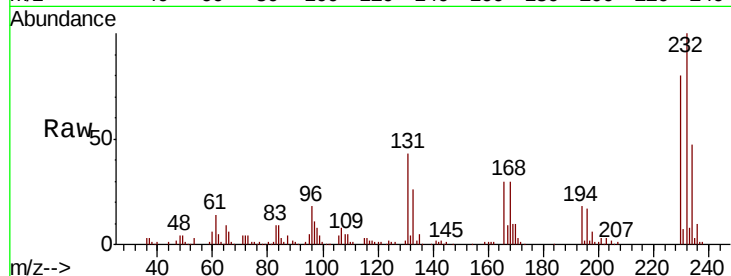




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.322 ng
 RT: 15.16 min Scan# 2055
 Delta R.T. -0.01 min
 Lab File: BG044487.D
 Acq: 19 Feb 2020 12:49

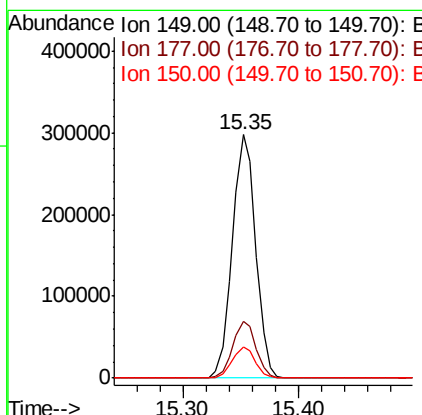
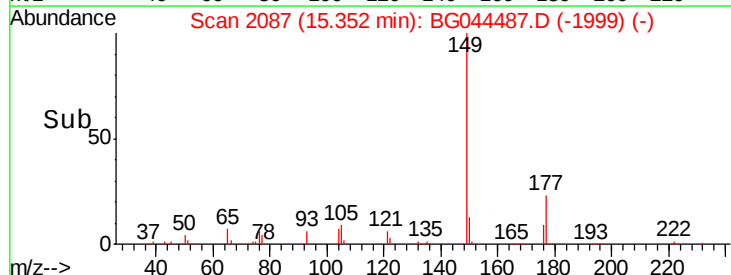
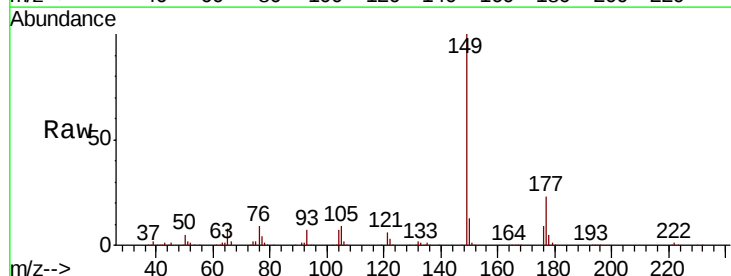
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	106602
Ion	Ratio	Lower	Upper
232	100		
131	41.8	34.2	51.4
130	2.3	1.8	2.8
166	31.3	23.8	35.8



#60
 Diethylphthalate
 Concen: 37.186 ng
 RT: 15.35 min Scan# 2087
 Delta R.T. -0.02 min
 Lab File: BG044487.D
 Acq: 19 Feb 2020 12:49

Tgt Ion:	149	Resp:	415347
Ion	Ratio	Lower	Upper
149	100		
177	23.2	19.4	29.0
150	12.9	10.9	16.3

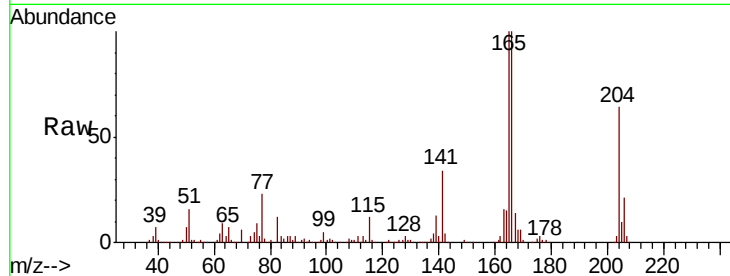




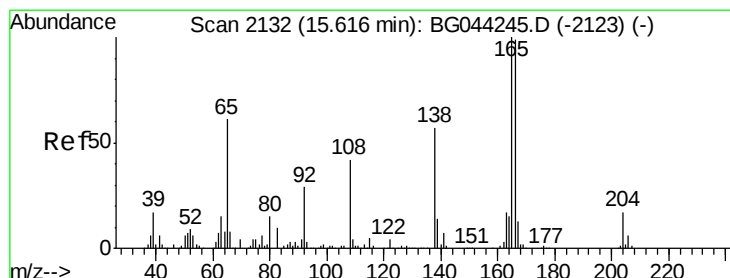
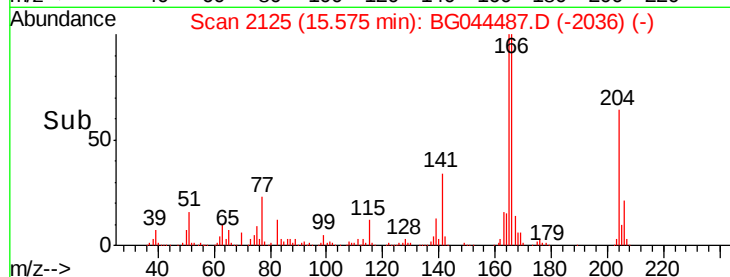
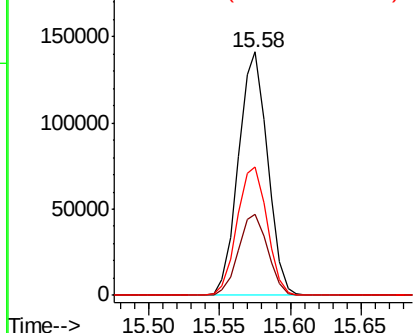
#61
4-Chlorophenyl-phenylether
Concen: 36.958 ng
RT: 15.58 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 203344
Ion Ratio Lower Upper
204 100
206 33.3 27.6 41.4
141 52.9 43.4 65.0

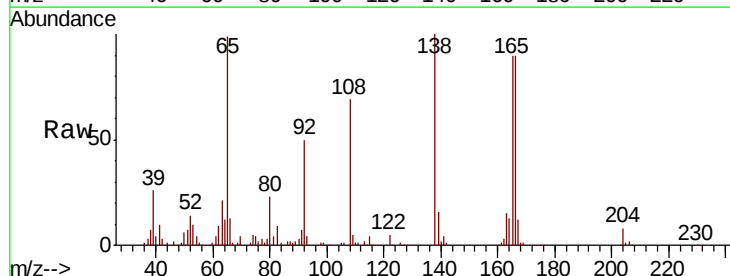


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

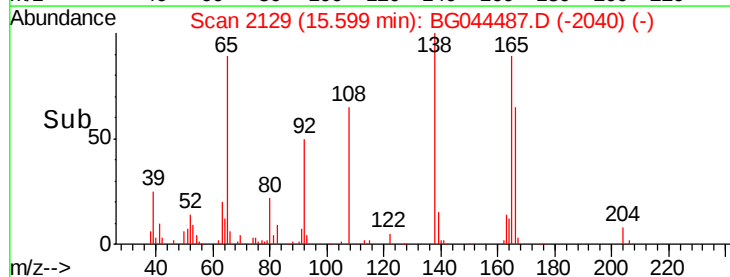
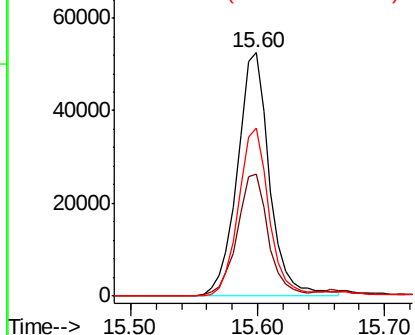


#62
4-Nitroaniline
Concen: 33.460 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Tgt Ion:138 Resp: 92451
Ion Ratio Lower Upper
138 100
92 50.0 31.3 71.3
108 68.8 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

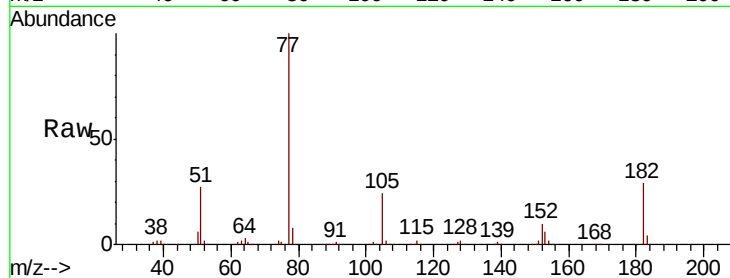




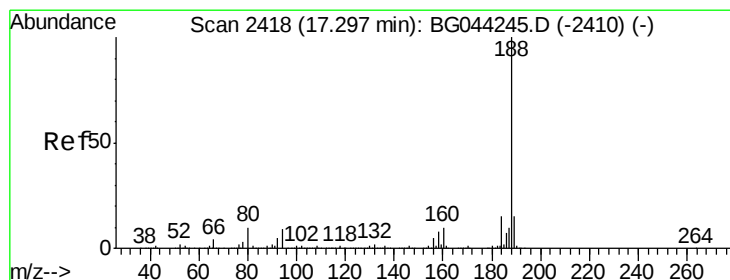
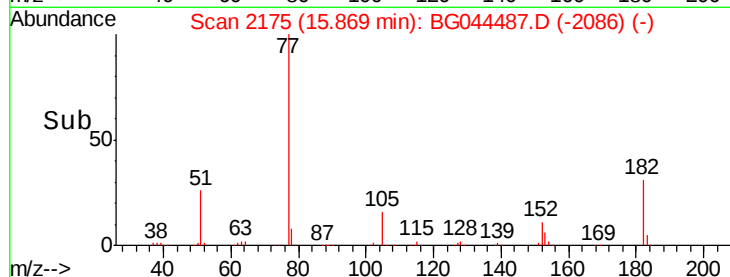
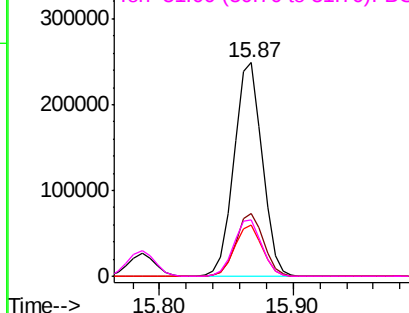
#63
Azobenzene
Concen: 37.264 ng
RT: 15.87 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	364783
Ion	Ratio	Lower	Upper
77	100		
182	29.3	8.2	48.2
105	23.7	3.6	43.6
51	26.7	8.3	48.3

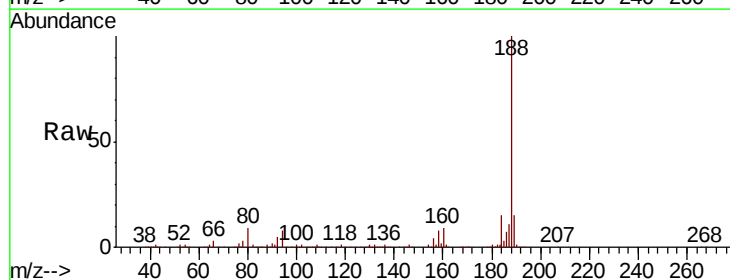


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

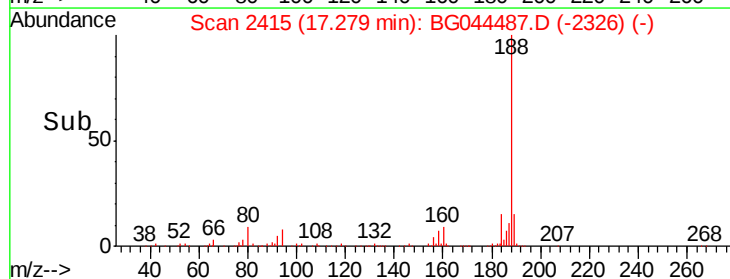
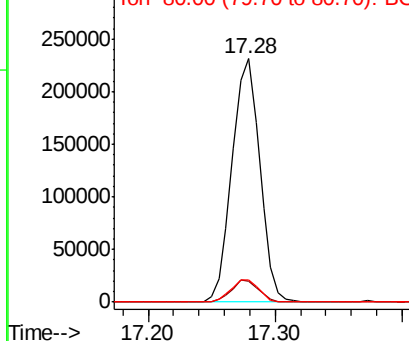


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.28 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Tgt Ion:	188	Resp:	351230
Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.4	11.2
80	9.0	7.7	11.5



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 39.882 ng

RT: 15.66 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Instrument :

BNA_G

ClientSampleId :

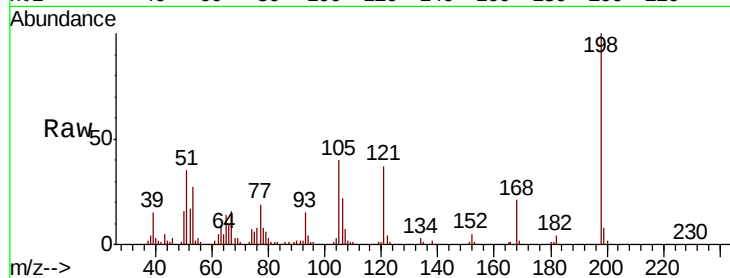
Tot Ion:198 Resp: 77323

Ion	Ratio	Lower	Upper
198	100		
51	35.4	16.6	56.6
105	40.1	20.6	60.6

198 100

51 35.4 16.6 56.6

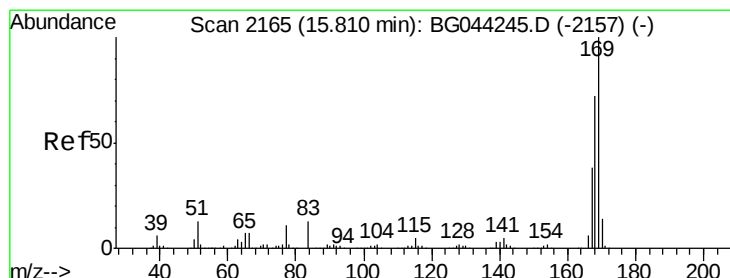
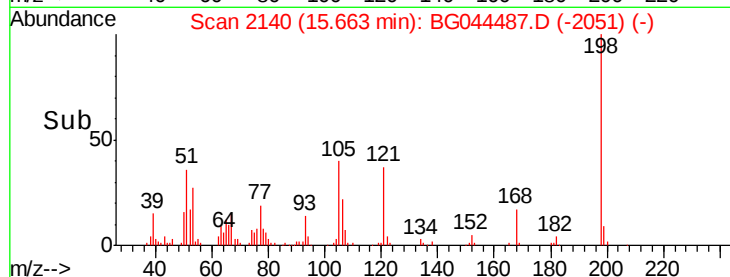
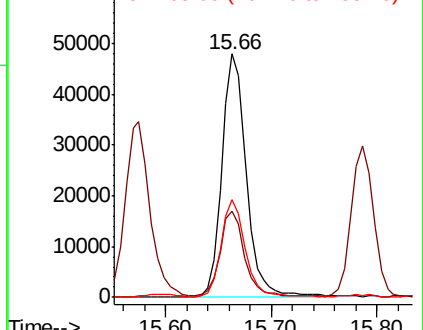
105 40.1 20.6 60.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.779 ng

RT: 15.79 min Scan# 2161

Delta R.T. -0.02 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

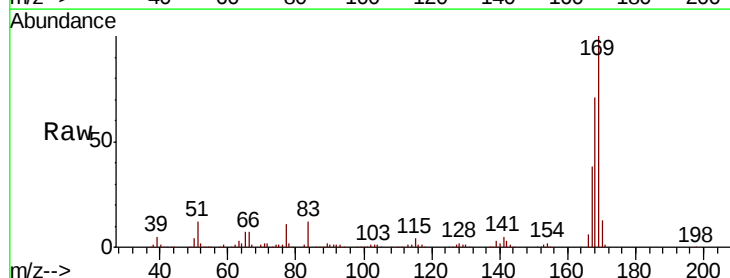
Tgt Ion:169 Resp: 362012

Ion	Ratio	Lower	Upper
169	100		
168	70.8	57.9	86.9
167	37.9	30.7	46.1

169 100

168 70.8 57.9 86.9

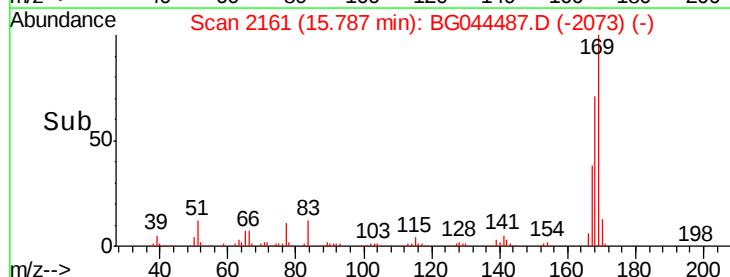
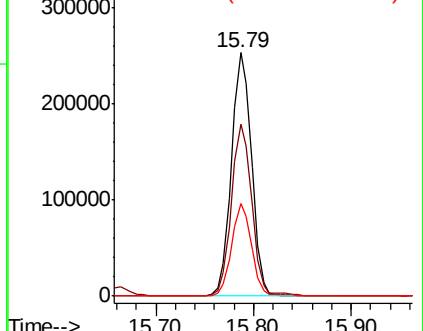
167 37.9 30.7 46.1

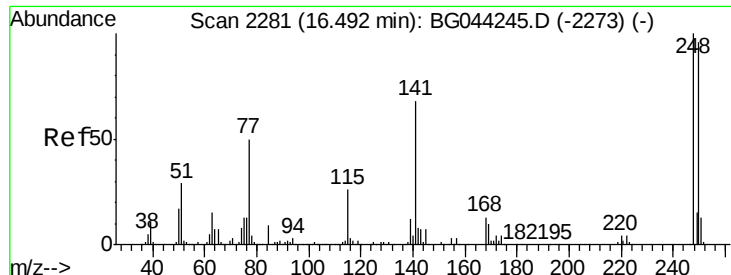


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 34.832 ng

RT: 16.47 min Scan# 2277

Delta R.T. -0.01 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Instrument :

BNA_G

ClientSampleId :

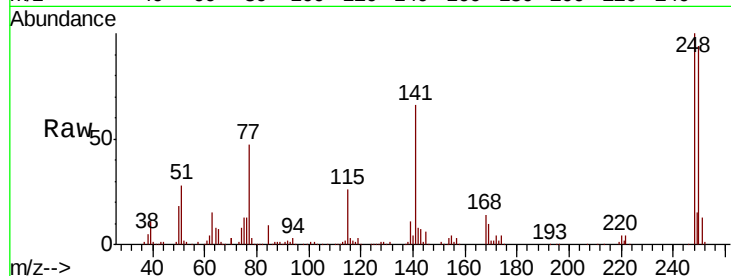
Tot Ion:248 Resp: 133288

Ion Ratio Lower Upper

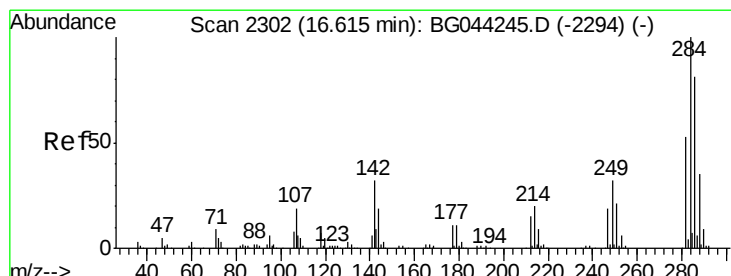
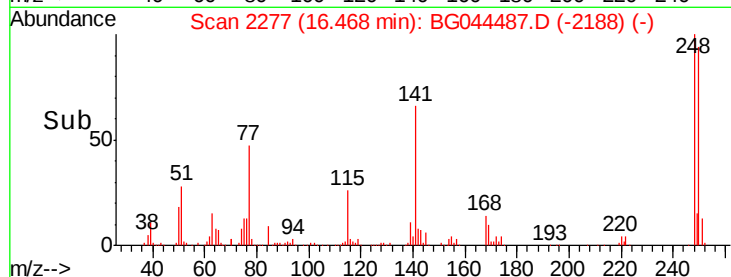
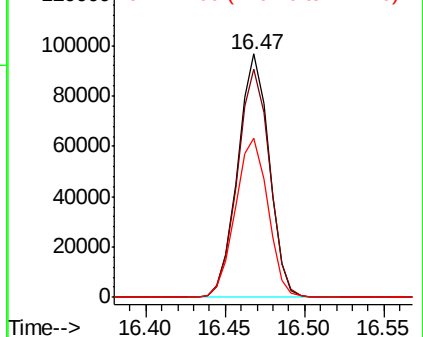
248 100

250 93.6 76.6 114.8

141 65.5 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: 35.005 ng

RT: 16.59 min Scan# 2298

Delta R.T. -0.01 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

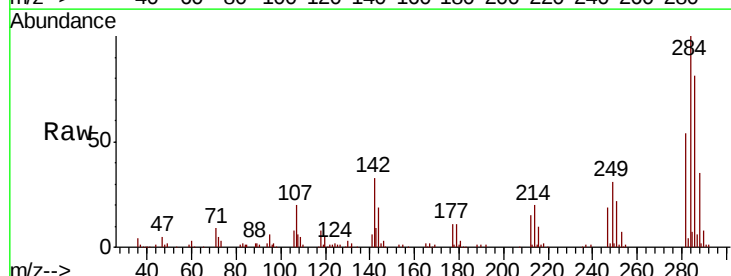
Tgt Ion:284 Resp: 150068

Ion Ratio Lower Upper

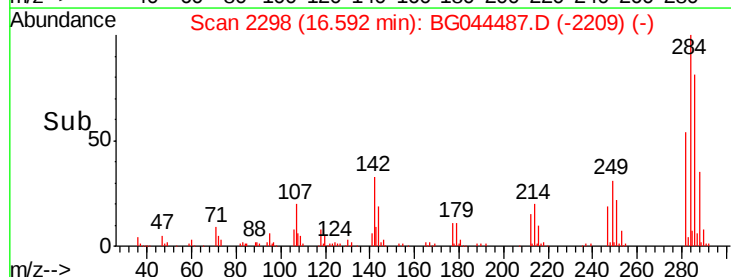
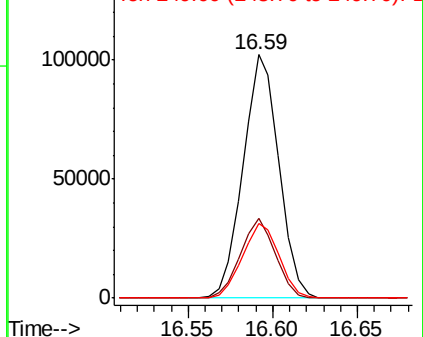
284 100

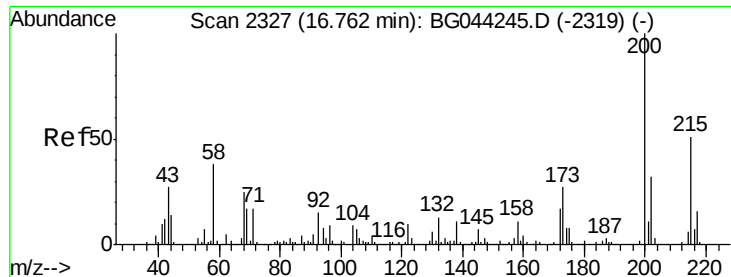
142 33.0 25.3 37.9

249 30.6 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: 41.923 ng

RT: 16.74 min Scan# 2323

Delta R.T. -0.02 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Instrument :

BNA_G

ClientSampleId :

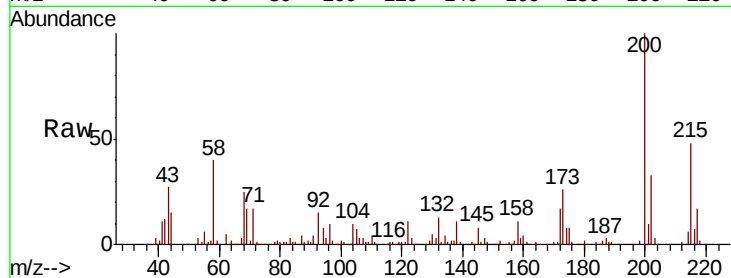
Tot Ion:200 Resp: 141436

Ion Ratio Lower Upper

200 100

173 25.8 6.6 46.6

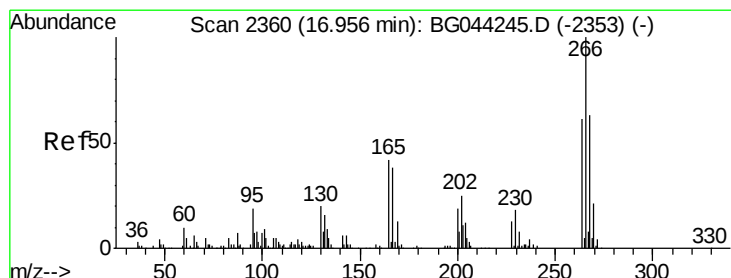
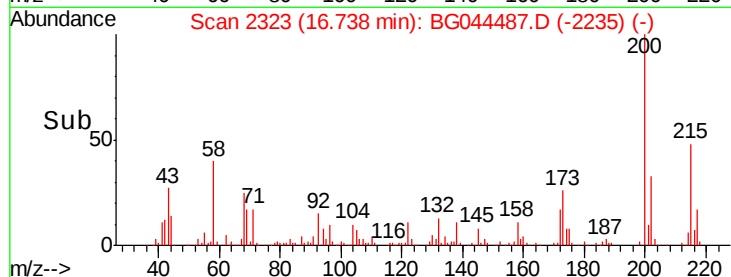
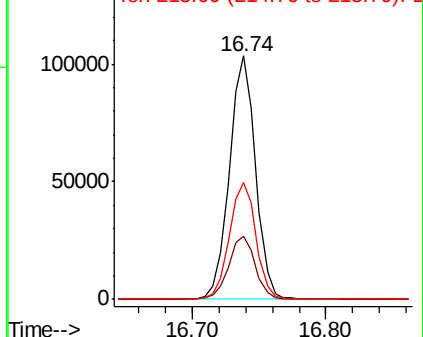
215 48.1 31.0 71.0



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: 68.974 ng

RT: 16.94 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

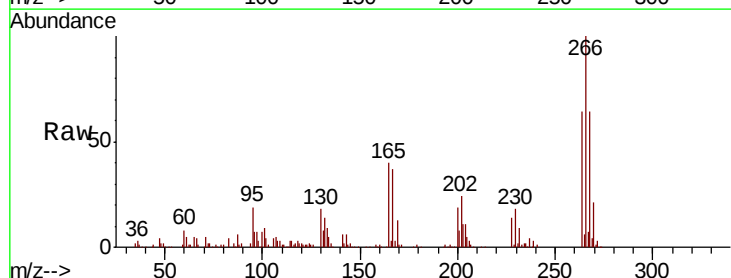
Tgt Ion:266 Resp: 148553

Ion Ratio Lower Upper

266 100

268 64.2 50.6 75.8

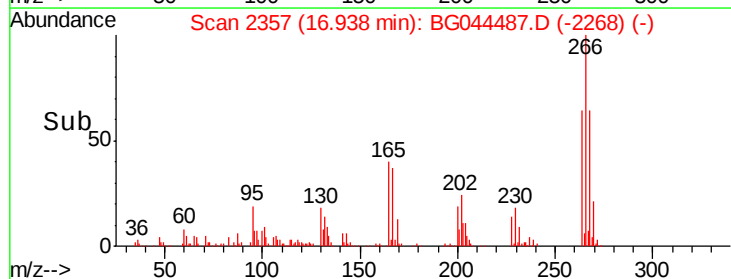
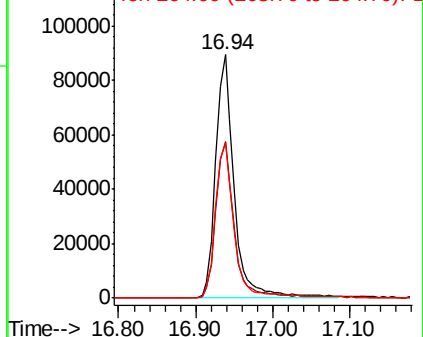
264 63.9 48.7 73.1

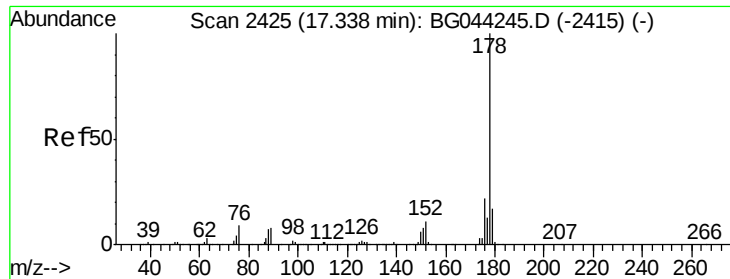


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

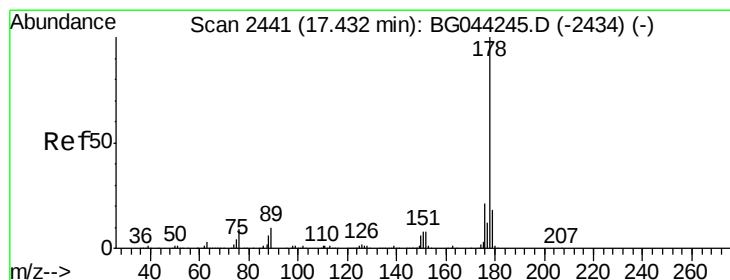
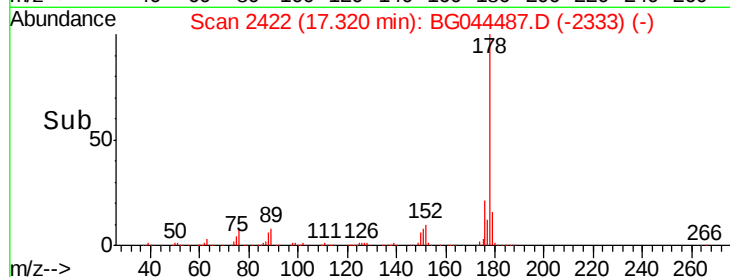
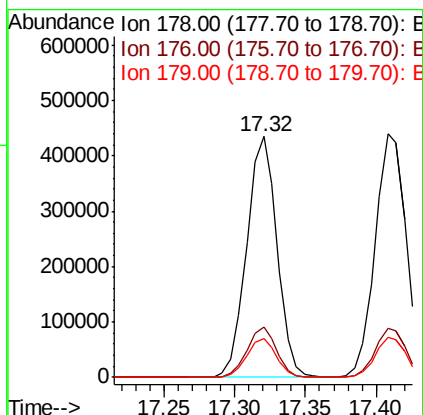
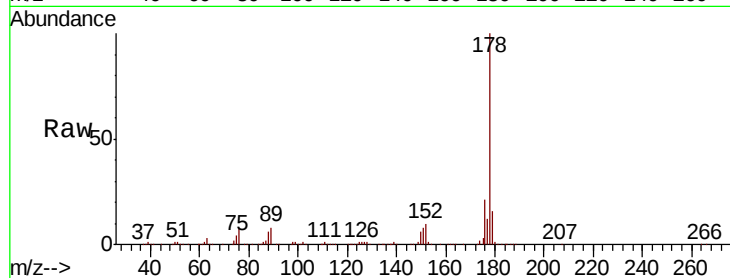




#71
Phenanthrene
Concen: 38.538 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

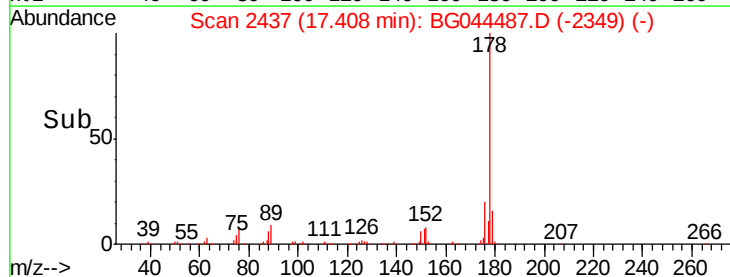
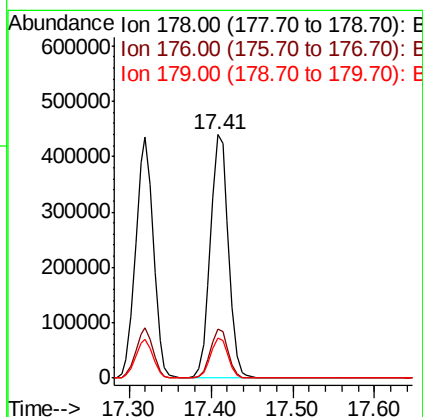
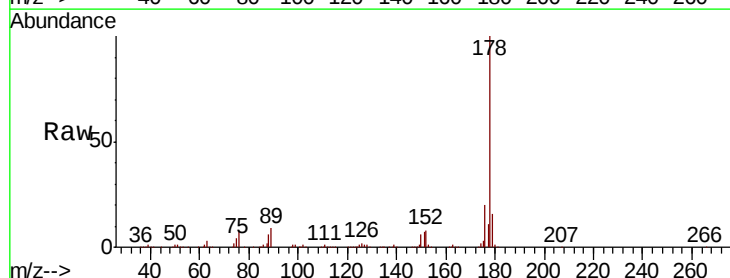
Instrument :
BNA_G
ClientSampleId :

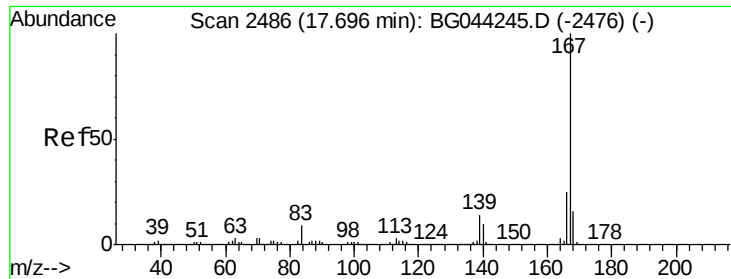
Tot Ion:178 Resp: 655439
Ion Ratio Lower Upper
178 100
176 21.0 17.7 26.5
179 16.3 13.7 20.5



#72
Anthracene
Concen: 40.129 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.02 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Tgt Ion:178 Resp: 674769
Ion Ratio Lower Upper
178 100
176 20.2 17.0 25.4
179 16.4 14.4 21.6





#73

Carbazole

Concen: 39.131 ng

RT: 17.68 min Scan# 2483

Delta R.T. -0.01 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Instrument :

BNA_G

ClientSampleId :

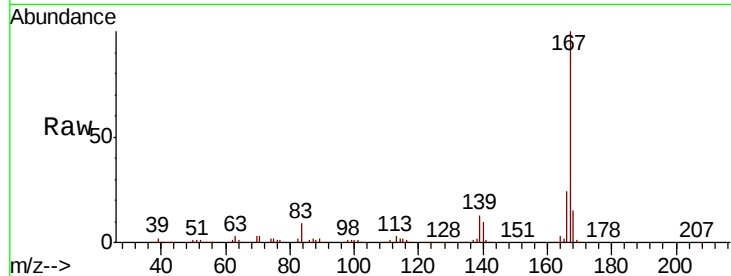
Tot Ion:167 Resp: 606580

Ion Ratio Lower Upper

167 100

166 24.0 19.8 29.6

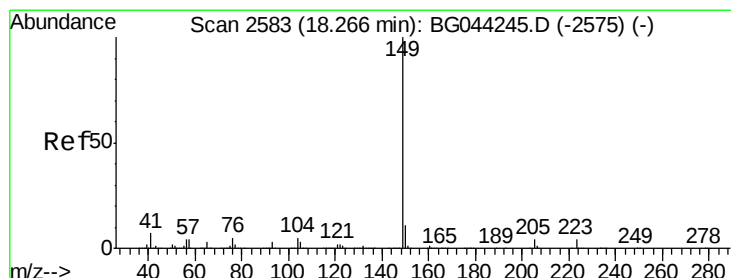
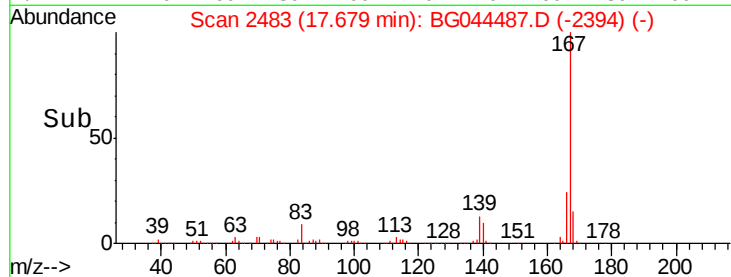
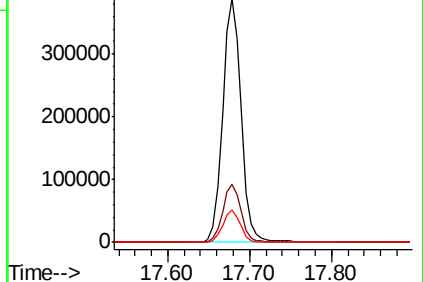
139 13.3 11.1 16.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.346 ng

RT: 18.24 min Scan# 2579

Delta R.T. -0.02 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

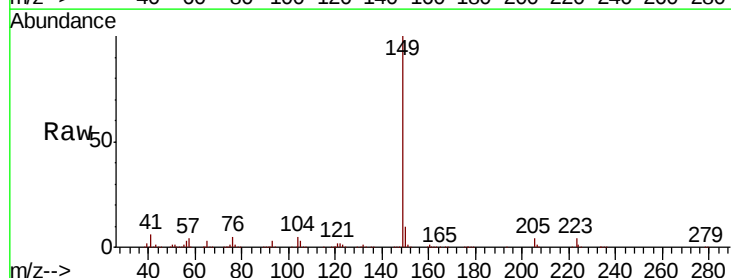
Tgt Ion:149 Resp: 753715

Ion Ratio Lower Upper

149 100

150 10.0 8.7 13.1

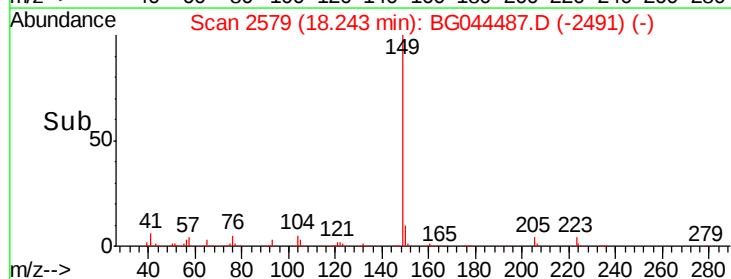
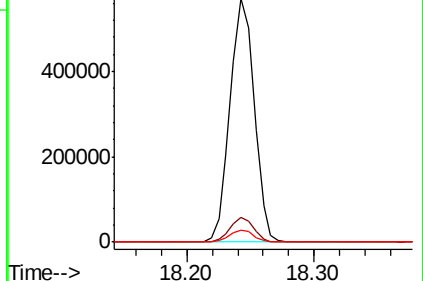
104 4.9 4.3 6.5

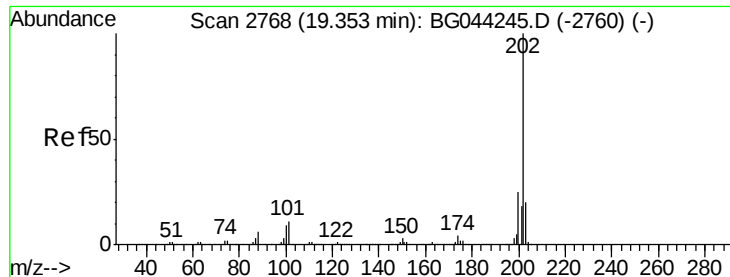


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.209 ng

RT: 19.33 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Instrument :

BNA_G

ClientSampleId :

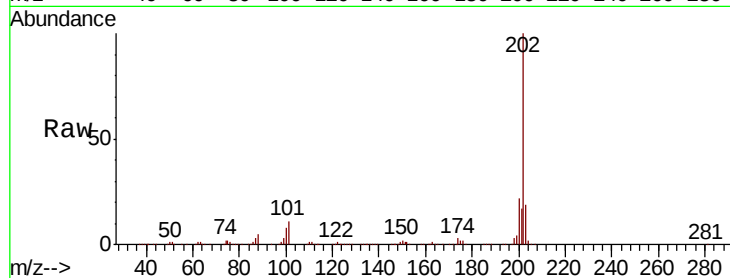
Tot Ion:202 Resp: 791104

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.3

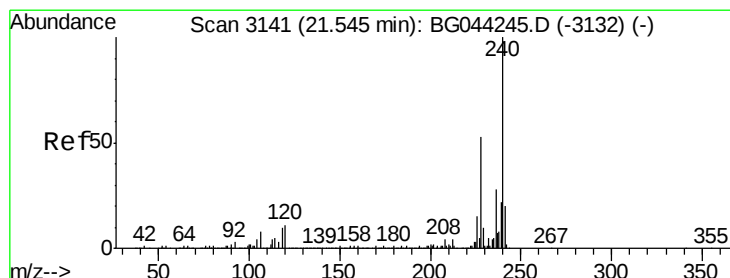
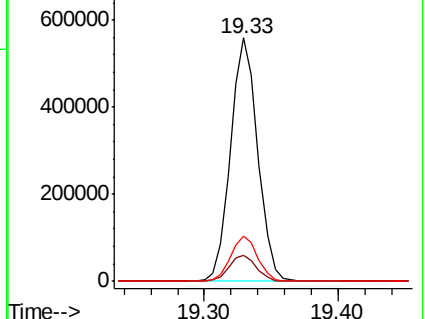
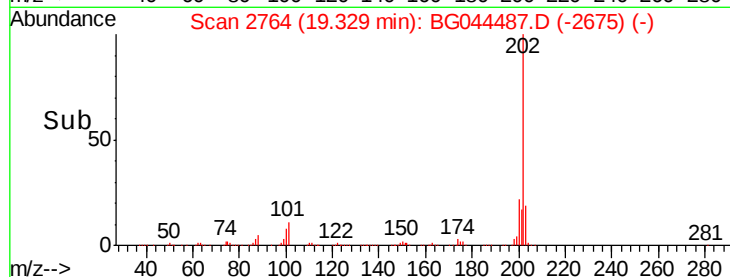
203 18.7 0.0 39.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.52 min Scan# 3137

Delta R.T. -0.02 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

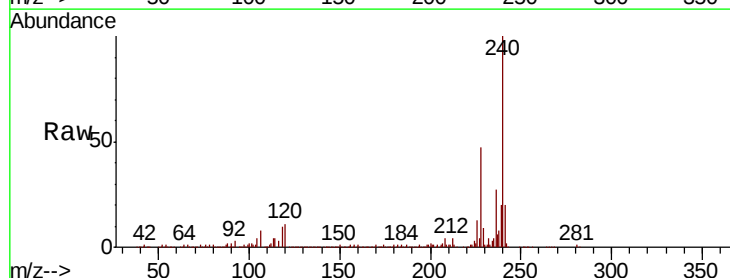
Tgt Ion:240 Resp: 327037

Ion Ratio Lower Upper

240 100

120 10.7 8.4 12.6

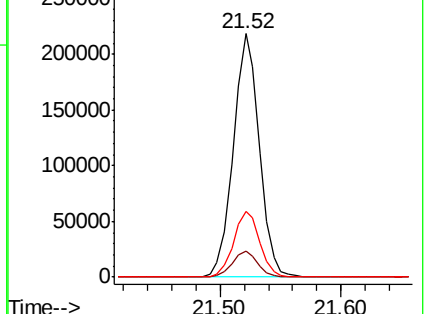
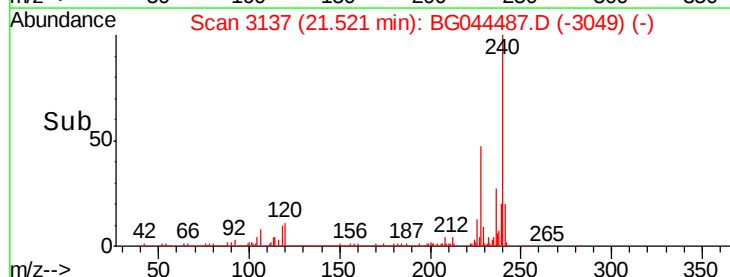
236 27.0 22.1 33.1



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

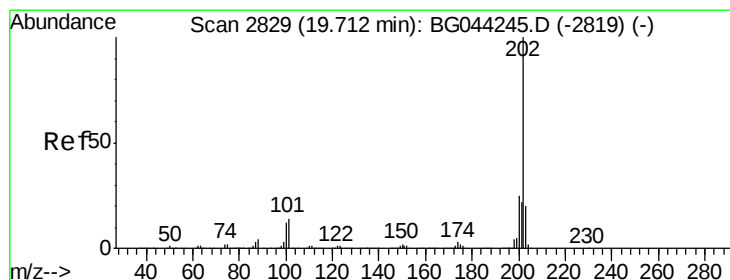
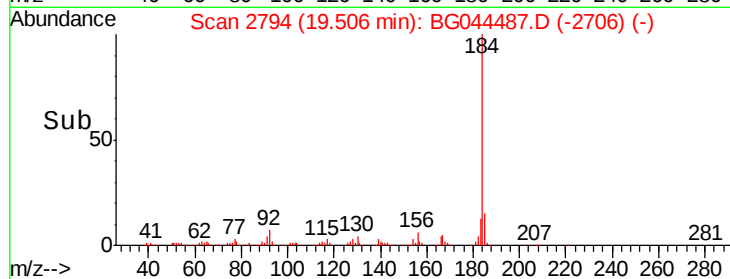
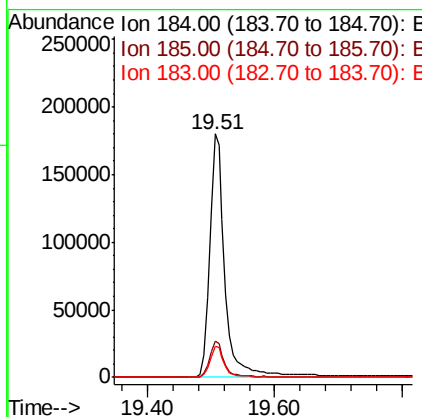
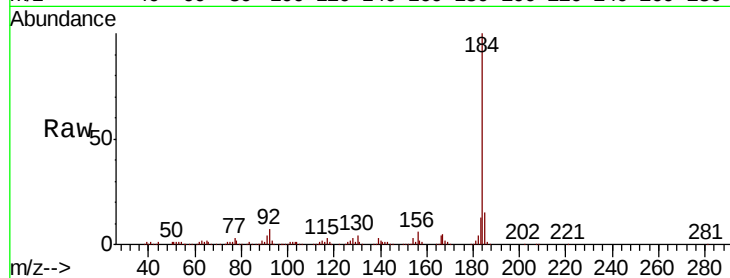




#77
Benzidine
Concen: 34.149 ng
RT: 19.51 min Scan# 2794
Delta R.T. -0.02 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

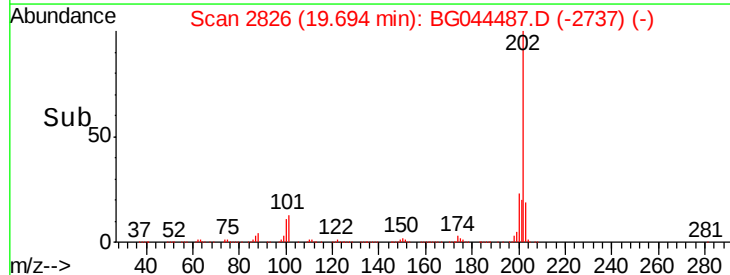
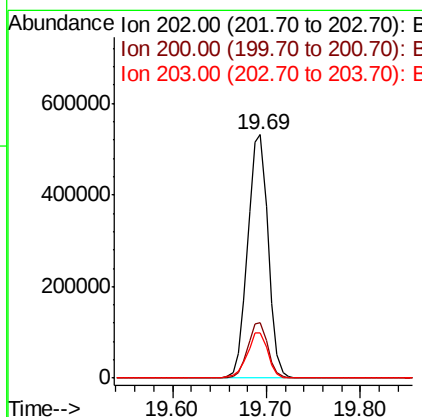
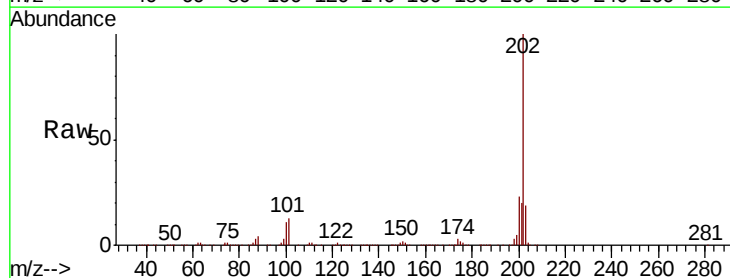
Instrument :
BNA_G
ClientSampled :

Tot Ion:184 Resp: 309776
Ion Ratio Lower Upper
184 100
185 14.7 12.9 19.3
183 12.7 10.8 16.2



#78
Pyrene
Concen: 37.996 ng
RT: 19.69 min Scan# 2826
Delta R.T. -0.01 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Tgt Ion:202 Resp: 798005
Ion Ratio Lower Upper
202 100
200 22.6 20.0 30.0
203 18.8 16.2 24.2





#79

Terphenyl-d14

Concen: 63.269 ng

RT: 19.89 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Instrument :

BNA_G

ClientSampled :

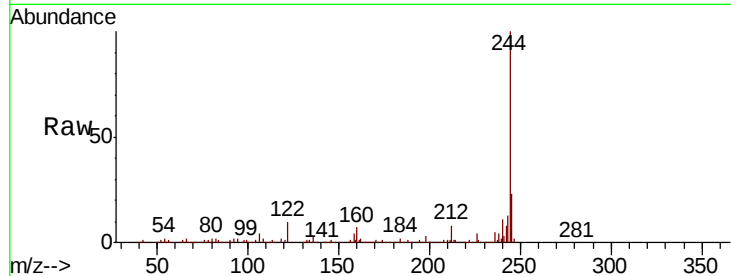
Tot Ion:244 Resp: 1005958

Ion Ratio Lower Upper

244 100

212 7.9 7.4 11.2

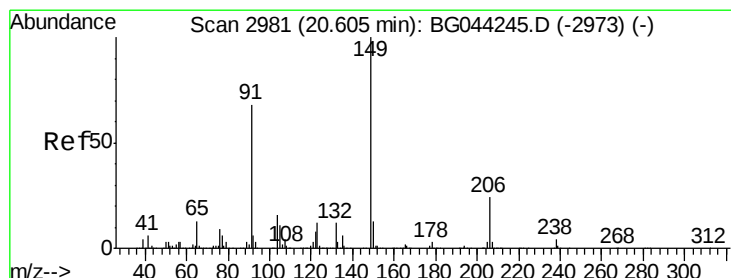
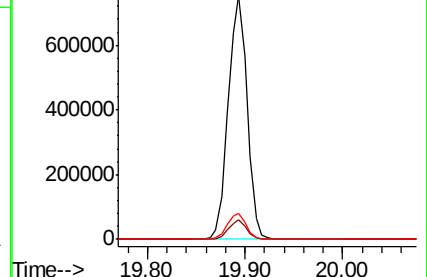
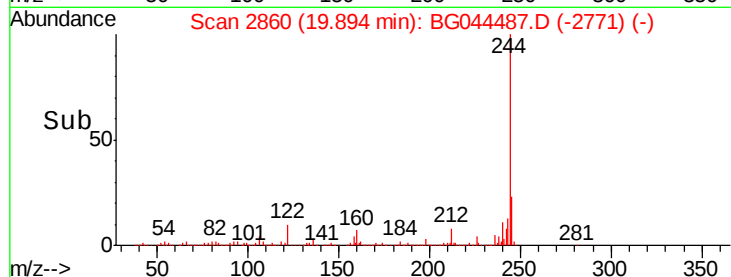
122 10.5 9.8 14.6



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: 35.781 ng

RT: 20.58 min Scan# 2977

Delta R.T. -0.02 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

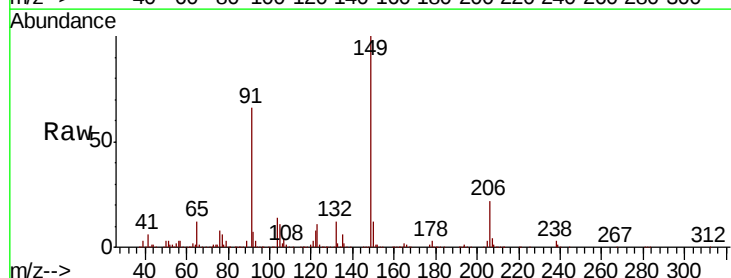
Tgt Ion:149 Resp: 342459

Ion Ratio Lower Upper

149 100

91 66.3 54.5 81.7

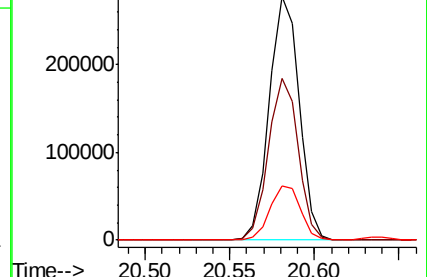
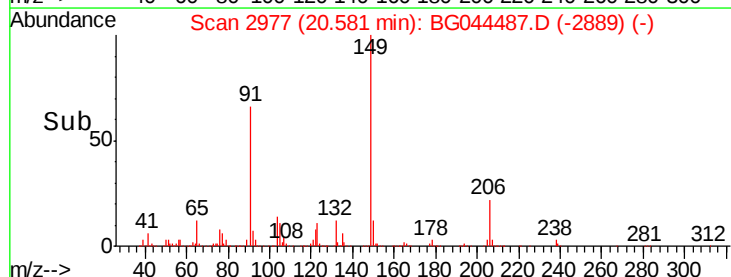
206 22.2 19.1 28.7

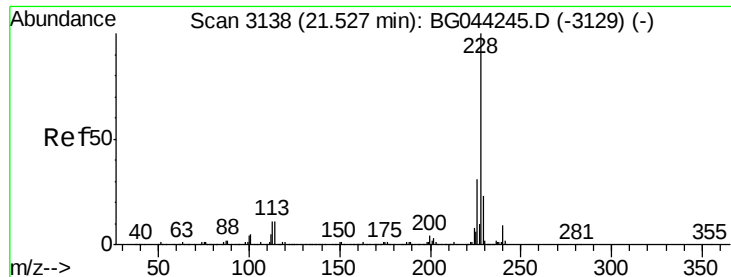


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

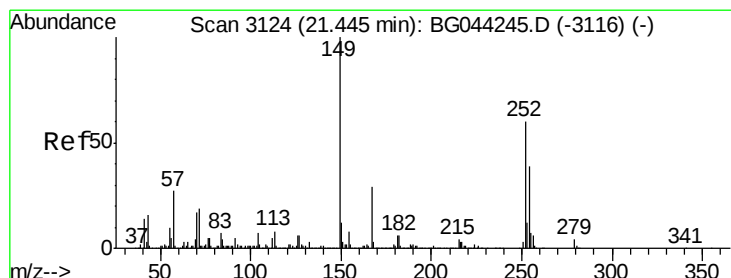
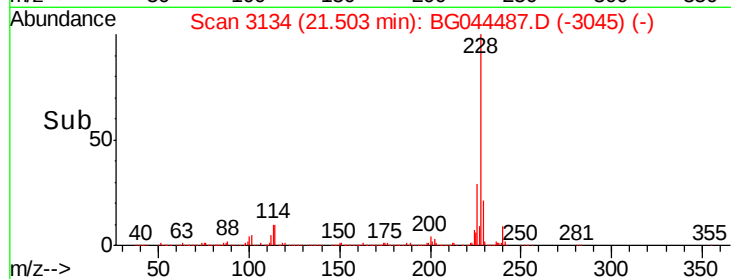
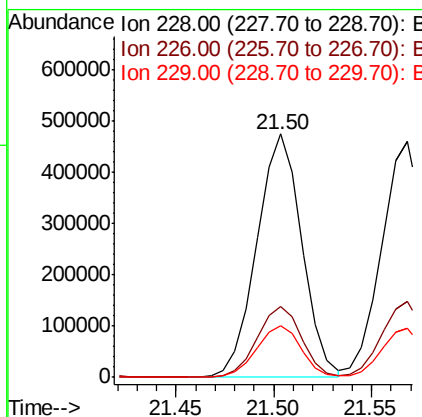
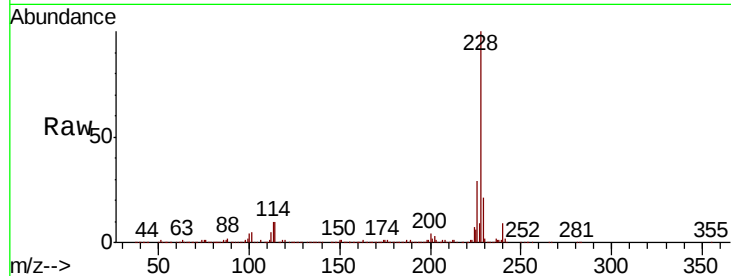




#81
Benzo(a)anthracene
Concen: 37.518 ng
RT: 21.50 min Scan# 3134
Delta R.T. -0.01 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

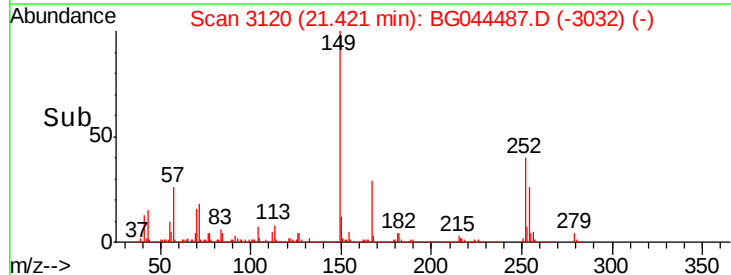
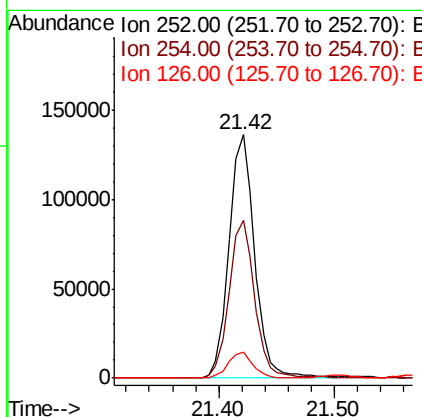
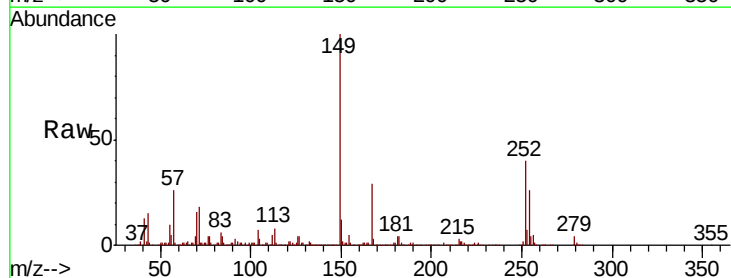
Instrument :
BNA_G
ClientSampleId :

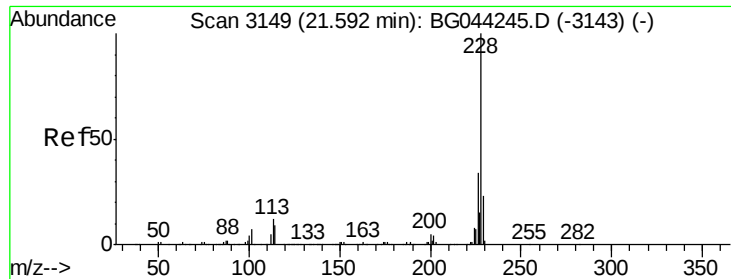
Tot Ion:228 Resp: 756201
Ion Ratio Lower Upper
228 100
226 29.2 24.7 37.1
229 21.0 18.2 27.4



#82
3,3'-Dichlorobenzidine
Concen: 26.833 ng
RT: 21.42 min Scan# 3120
Delta R.T. -0.02 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Tgt Ion:252 Resp: 209906
Ion Ratio Lower Upper
252 100
254 65.1 52.6 78.8
126 10.4 8.2 12.4

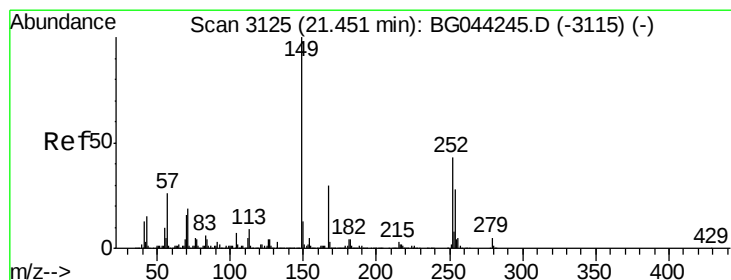
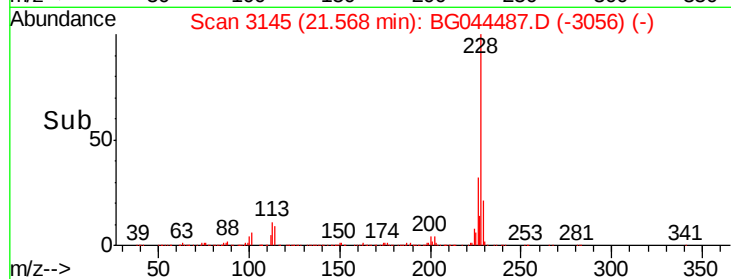
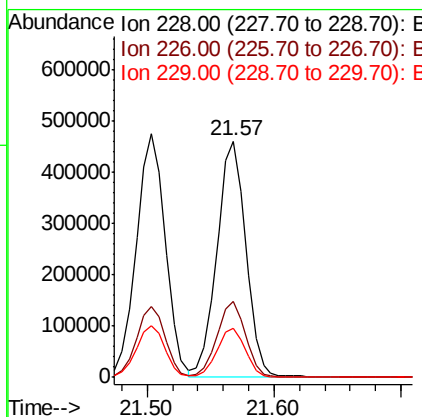
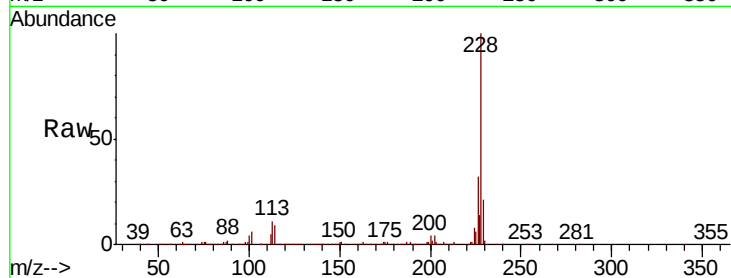




#83
 Chrysene
 Concen: 37.471 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG044487.D
 Acq: 19 Feb 2020 12:49

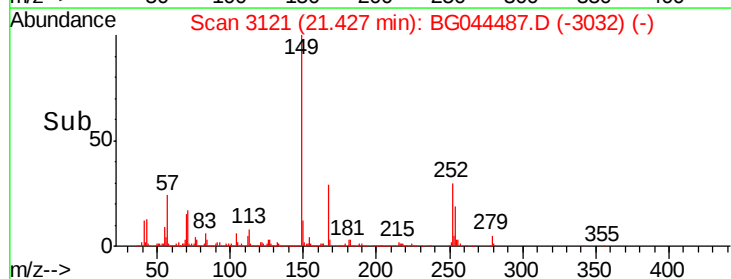
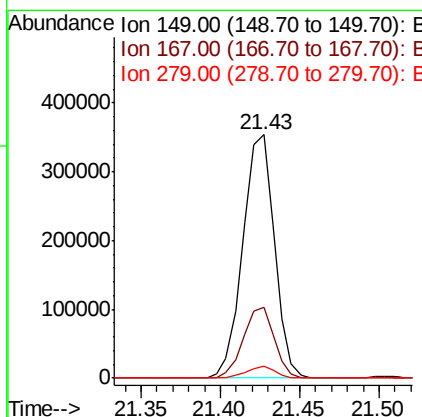
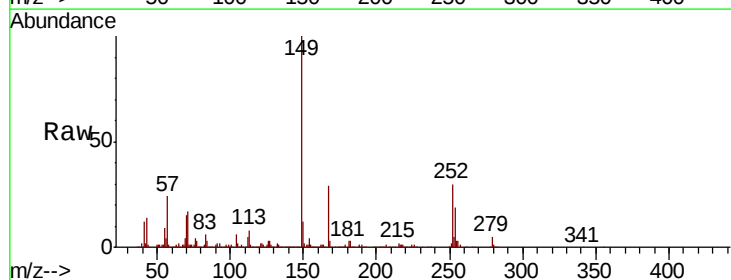
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:228	Resp:	730021
Ion	Ratio	Lower Upper
228	100	
226	32.4	27.1 40.7
229	20.6	17.9 26.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.087 ng
 RT: 21.43 min Scan# 3121
 Delta R.T. -0.01 min
 Lab File: BG044487.D
 Acq: 19 Feb 2020 12:49

Tgt Ion:149	Resp:	488575
Ion	Ratio	Lower Upper
149	100	
167	28.9	24.0 36.0
279	4.8	3.8 5.8





#85

Di-n-octyl phthalate

Concen: 38.239 ng

RT: 22.58 min Scan# 3318

Delta R.T. -0.02 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Instrument :

BNA_G

ClientSampleId :

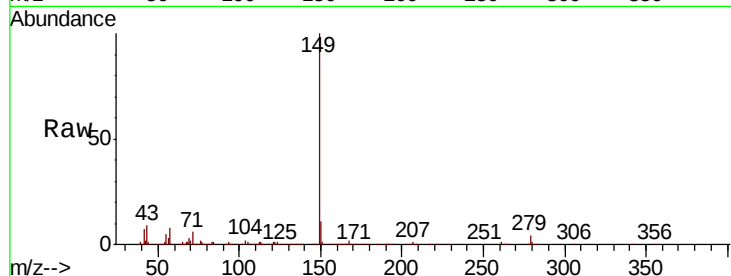
Tot Ion:149 Resp: 871598

Ion Ratio Lower Upper

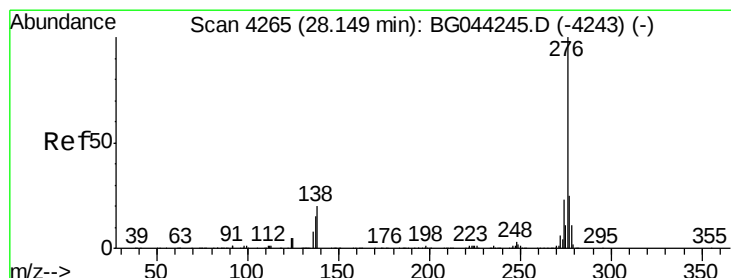
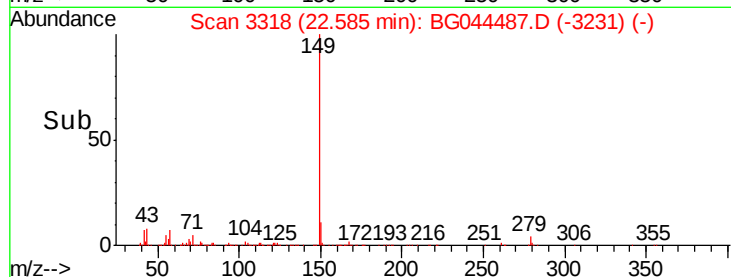
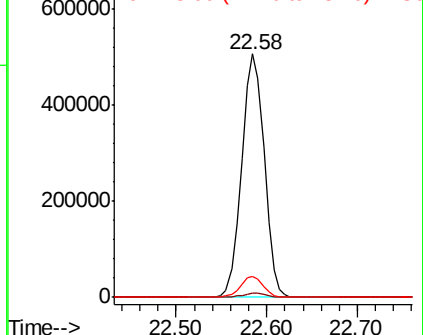
149 100

167 1.8 1.3 1.9

43 8.4 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: 36.117 ng

RT: 28.10 min Scan# 4256

Delta R.T. -0.02 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

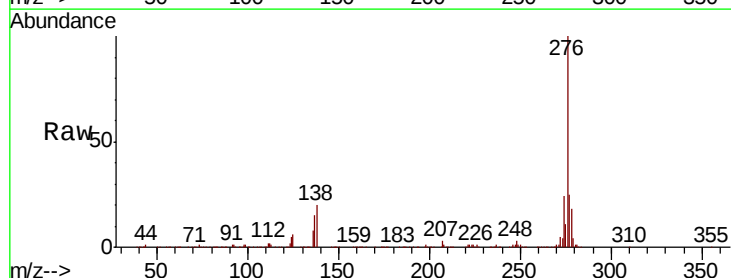
Tgt Ion:276 Resp: 918010

Ion Ratio Lower Upper

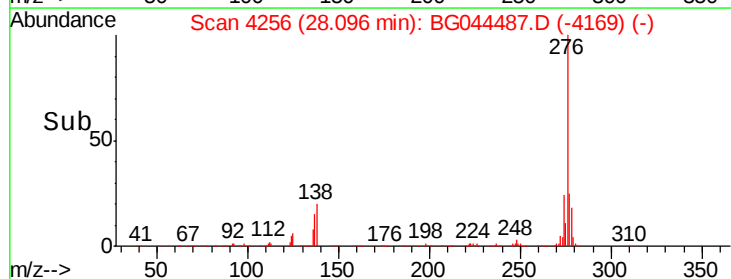
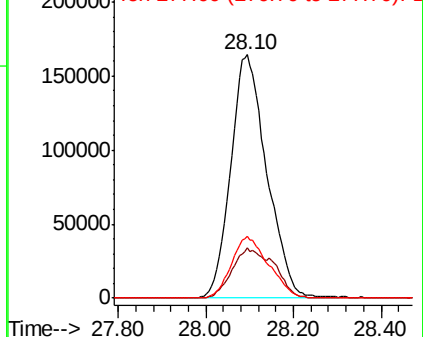
276 100

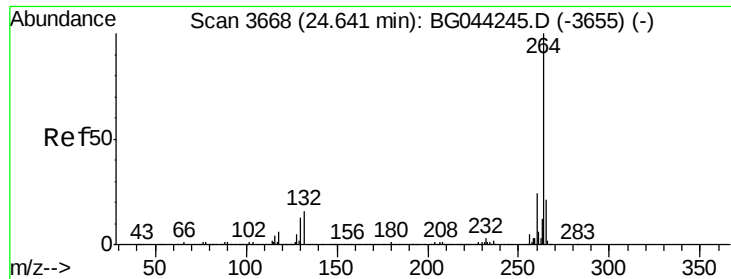
138 24.1 19.4 29.0

277 26.2 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: 24.61 min Scan# 3662

Delta R.T. -0.02 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Instrument :

BNA_G

ClientSampleId :

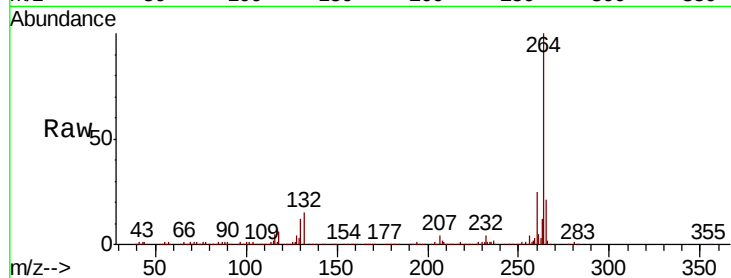
Tot Ion:264 Resp: 369515

Ion Ratio Lower Upper

264 100

260 24.7 19.4 29.2

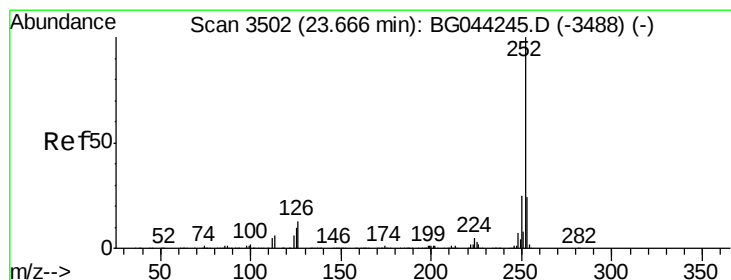
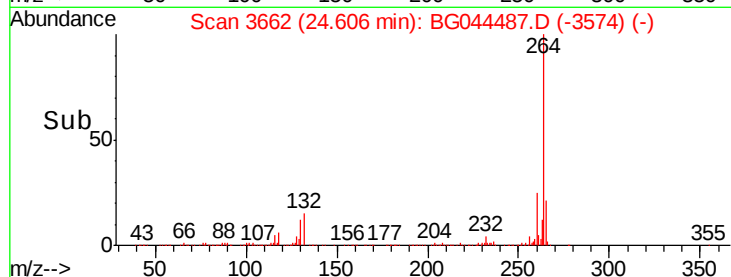
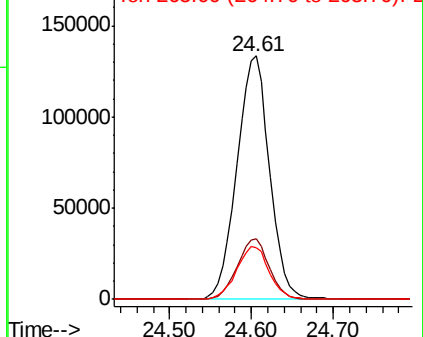
265 21.3 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 37.022 ng

RT: 23.63 min Scan# 3496

Delta R.T. -0.02 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

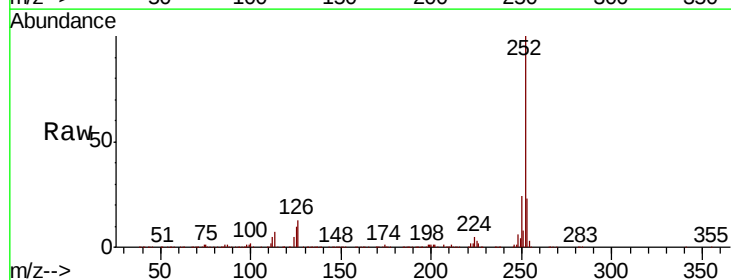
Tgt Ion:252 Resp: 788307

Ion Ratio Lower Upper

252 100

253 22.8 19.2 28.8

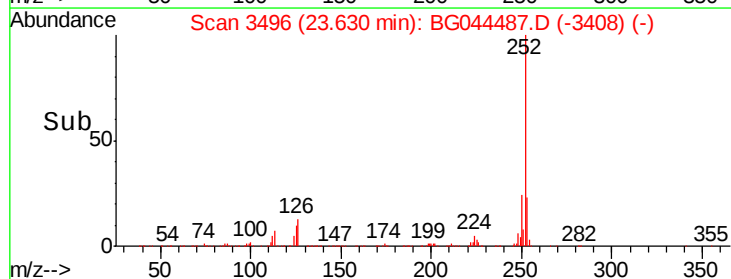
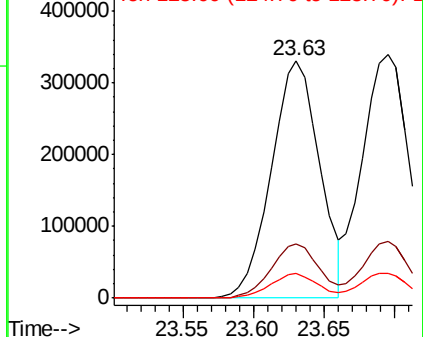
125 10.3 8.4 12.6

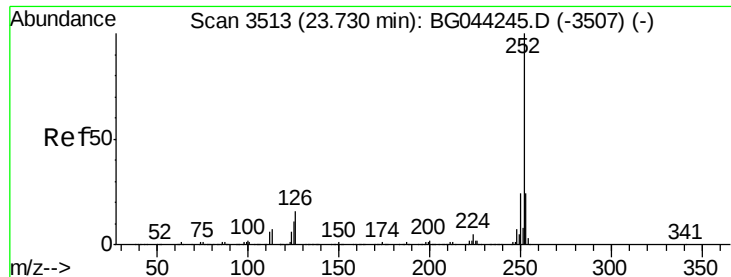


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

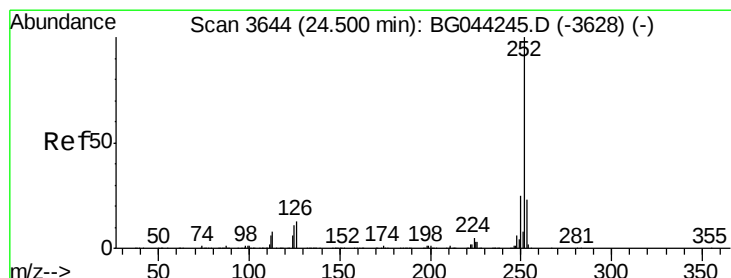
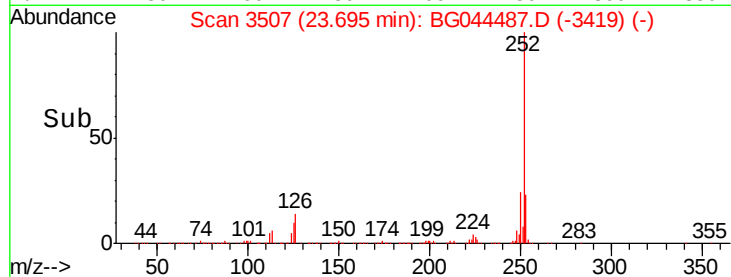
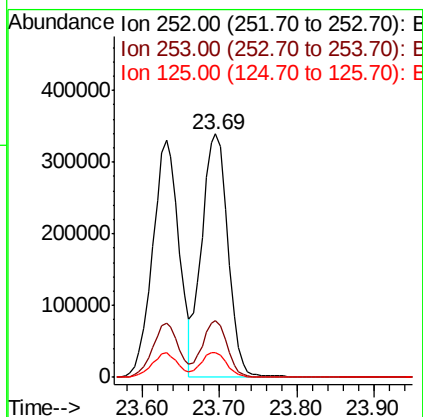
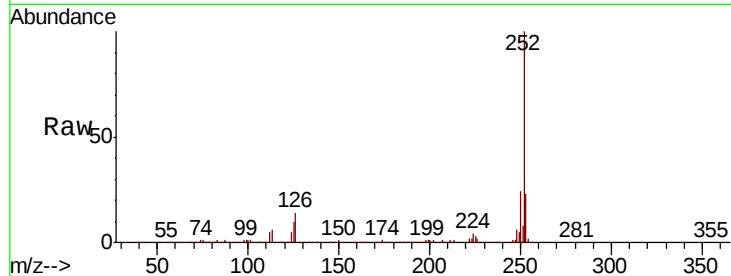




#89
Benzo(k)fluoranthene
Concen: 38.120 ng
RT: 23.69 min Scan# 3507
Delta R.T. -0.02 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

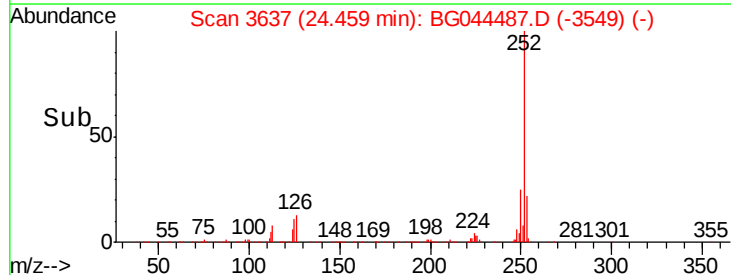
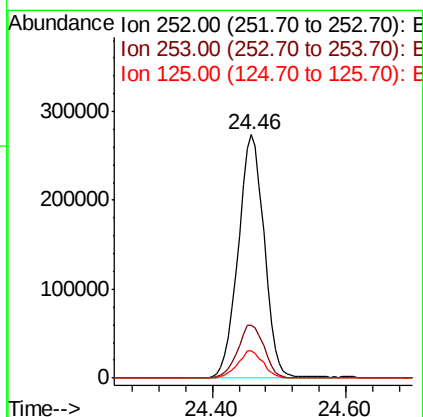
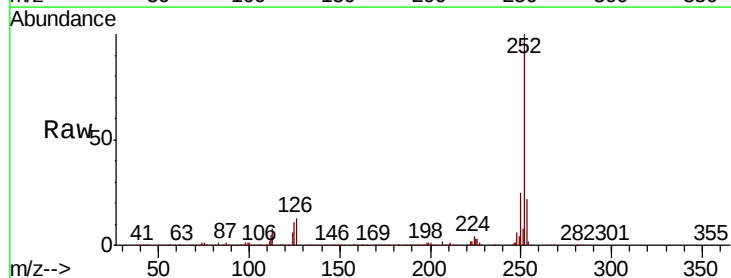
Instrument :
BNA_G
ClientSampled :

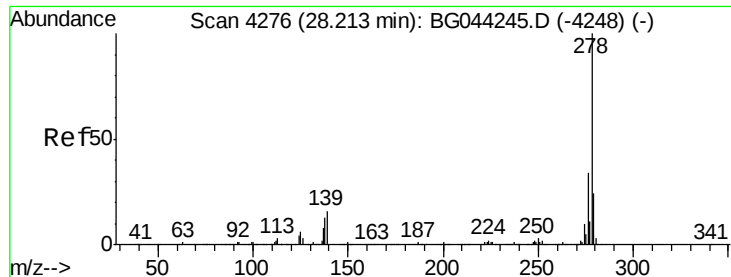
Tot Ion:252 Resp: 791090
Ion Ratio Lower Upper
252 100
253 23.3 19.1 28.7
125 10.3 8.6 12.8



#90
Benzo(a)pyrene
Concen: 36.643 ng
RT: 24.46 min Scan# 3637
Delta R.T. -0.02 min
Lab File: BG044487.D
Acq: 19 Feb 2020 12:49

Tgt Ion:252 Resp: 737699
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 11.4 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 38.451 ng

RT: 28.15 min Scan# 4265

Delta R.T. -0.03 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

Instrument :

BNA_G

ClientSampleId :

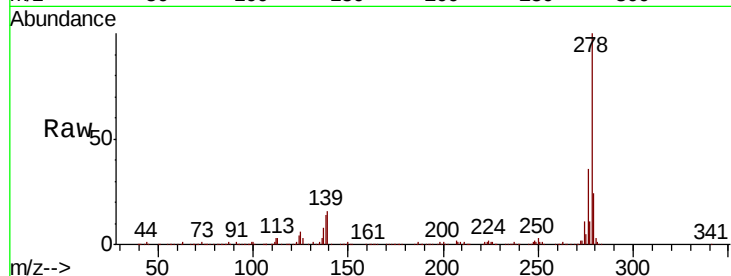
Tot Ion:278 Resp: 766105

Ion Ratio Lower Upper

278 100

139 15.7 12.7 19.1

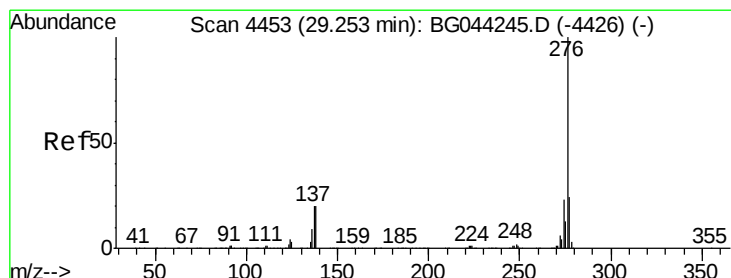
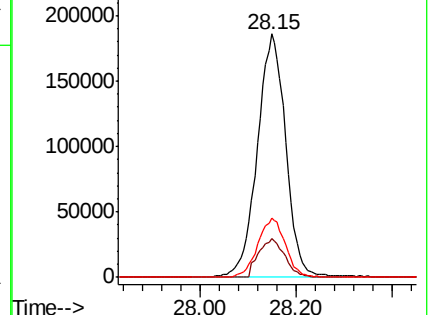
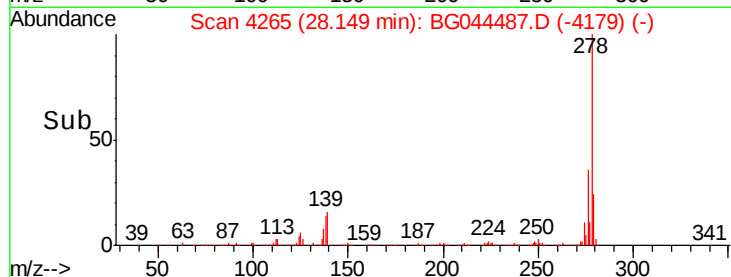
279 24.2 19.3 28.9



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: 38.863 ng

RT: 29.18 min Scan# 4440

Delta R.T. -0.03 min

Lab File: BG044487.D

Acq: 19 Feb 2020 12:49

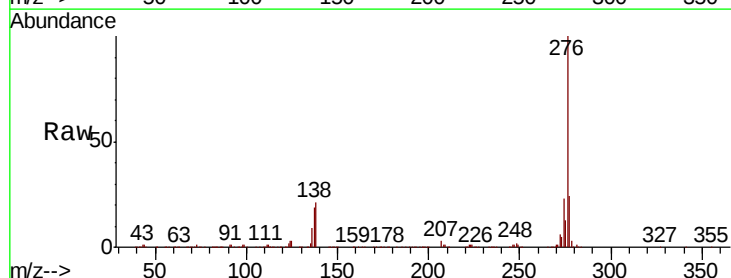
Tgt Ion:276 Resp: 775144

Ion Ratio Lower Upper

276 100

277 24.3 18.8 28.2

138 21.1 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

