

Data File : BG044187.D
Acq On : 24 Jan 2020 18:25
Operator : CG/JU
Sample : PB126325BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126325BS

Quant Time: Jan 25 05:37:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	74333	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	320619	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	221776	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	481647	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	408889	20.00	ng	-0.03
87) Perylene-d12	24.66	264	468836	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	606494	149.81	ng	-0.03
7) Phenol-d6	7.10	99	811872	143.47	ng	-0.02
23) Nitrobenzene-d5	9.08	82	426735	71.20	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	318409	137.20	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	972380	79.44	ng	-0.03
79) Terphenyl-d14	19.92	244	1439834	84.87	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.39	88	70048	39.683	ng	96
3) Pyridine	3.78	79	172319	33.045	ng	94
4) n-Nitrosodimethylamine	3.70	42	91977	39.617	ng	97
6) Aniline	7.25	93	235777	31.721	ng	97
8) 2-Chlorophenol	7.50	128	224547	47.246	ng	97
9) Benzaldehyde	7.06	77	114523	31.620	ng	97
10) Phenol	7.13	94	282132	48.389	ng	98
11) bis(2-Chloroethyl)ether	7.35	93	205331	40.798	ng	97
12) 1,3-Dichlorobenzene	7.82	146	224350	40.339	ng	99
13) 1,4-Dichlorobenzene	7.97	146	226245	41.229	ng	99
14) 1,2-Dichlorobenzene	8.28	146	217944	41.378	ng	99
15) Benzyl Alcohol	8.17	79	188191	42.137	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.46	45	279815	35.937	ng	99
17) 2-Methylphenol	8.38	107	196721	46.625	ng	99
18) Hexachloroethane	9.01	117	84737	39.684	ng	98
19) n-Nitroso-di-n-propylamine	8.73	70	165746	39.330	ng	98
20) 3+4-Methylphenols	8.70	107	271003	46.042	ng	96
22) Acetophenone	8.75	105	311142	39.035	ng	# 98
24) Nitrobenzene	9.12	77	237581	40.024	ng	98
25) Isophorone	9.65	82	454878	40.455	ng	99
26) 2-Nitrophenol	9.84	139	125488	44.683	ng	98
27) 2,4-Dimethylphenol	9.91	122	220773	52.223	ng	98
28) bis(2-Chloroethoxy)methane	10.13	93	293321	39.129	ng	99
29) 2,4-Dichlorophenol	10.38	162	227089	45.034	ng	98
30) 1,2,4-Trichlorobenzene	10.59	180	225804	39.937	ng	99
31) Naphthalene	10.78	128	682048	43.960	ng	98
32) Benzoic acid	10.05	122	90908	29.223	ng	92
33) 4-Chloroaniline	10.88	127	162396	21.945	ng	97
34) Hexachlorobutadiene	11.08	225	126989	36.786	ng	99
35) Caprolactam	11.65	113	63816	33.995	ng	96
36) 4-Chloro-3-methylphenol	12.02	107	249399	46.459	ng	98
37) 2-Methylnaphthalene	12.39	142	515269	44.112	ng	96
38) 1-Methylnaphthalene	12.61	142	493047	44.536	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	242892	37.366	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	311397	92.403	ng	98
43) 2,4,6-Trichlorophenol	13.00	196	182523	40.808	ng	97
44) 2,4,5-Trichlorophenol	13.07	196	198116	42.947	ng	98
46) 1,1'-Biphenyl	13.40	154	651665	40.983	ng	97
47) 2-Chloronaphthalene	13.44	162	512417	39.880	ng	97
48) 2-Nitroaniline	13.64	65	159183	38.514	ng	95
49) Acenaphthylene	14.29	152	826276	44.741	ng	96
50) Dimethylphthalate	14.02	163	659389	41.874	ng	98
51) 2,6-Dinitrotoluene	14.13	165	150849	42.383	ng	98
52) Acenaphthene	14.63	154	516085	39.848	ng	98
53) 3-Nitroaniline	14.47	138	108303	26.796	ng	97
54) 2,4-Dinitrophenol	14.67	184	146579	80.781	ng	99
55) Dibenzofuran	14.96	168	792228	44.435	ng	97
56) 4-Nitrophenol	14.78	139	274068	88.488	ng	97
57) 2,4-Dinitrotoluene	14.92	165	211347	43.640	ng	99
58) Fluorene	15.61	166	622234	44.033	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.19	232	177157	44.661	ng	97
60) Diethylphthalate	15.39	149	675013	42.858	ng	97
61) 4-Chlorophenyl-phenylether	15.61	204	316466	41.243	ng	98
62) 4-Nitroaniline	15.63	138	154805	38.786	ng	97
63) Azobenzene	15.90	77	633882	43.397	ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	118668	47.836	ng	98
66) n-Nitrosodiphenylamine	15.82	169	586404	41.343	ng	99
67) 4-Bromophenyl-phenylether	16.50	248	205547	37.944	ng	99
68) Hexachlorobenzene	16.62	284	225214	38.584	ng	98
69) Atrazine	16.77	200	216150	46.882	ng	99
70) Pentachlorophenol	16.97	266	240885	74.863	ng	98
71) Phenanthrene	17.35	178	991764	42.929	ng	98
72) Anthracene	17.44	178	1028737	45.058	ng	97
73) Carbazole	17.71	167	913110	43.296	ng	97
74) Di-n-butylphthalate	18.28	149	1138076	42.266	ng	97
75) Fluoranthene	19.36	202	1155378	43.730	ng	96
77) Benzidine	19.54	184	475829	46.297	ng	99
78) Pyrene	19.72	202	1152780	43.192	ng	96
80) Butylbenzylphthalate	20.61	149	526363	41.424	ng	98
81) Benzo(a)anthracene	21.54	228	1096947	43.265	ng	96
82) 3,3'-Dichlorobenzidine	21.46	252	311247	31.073	ng	99
83) Chrysene	21.60	228	1045628	43.403	ng	96
84) Bis(2-ethylhexyl)phthalate	21.46	149	738666	42.130	ng	98
85) Di-n-octyl phthalate	22.63	149	1298860	44.066	ng	97
86) Indeno(1,2,3-cd)pyrene	28.18	276	1353819	41.350	ng	99
88) Benzo(b)fluoranthene	23.68	252	1159033	41.818	ng	97
89) Benzo(k)fluoranthene	23.74	252	1130856	42.906	ng	98
90) Benzo(a)pyrene	24.52	252	1076643	41.157	ng	97
91) Dibenzo(a,h)anthracene	28.24	278	1114411	42.419	ng	97
92) Benzo(g,h,i)perylene	29.28	276	1134184	43.462	ng	97

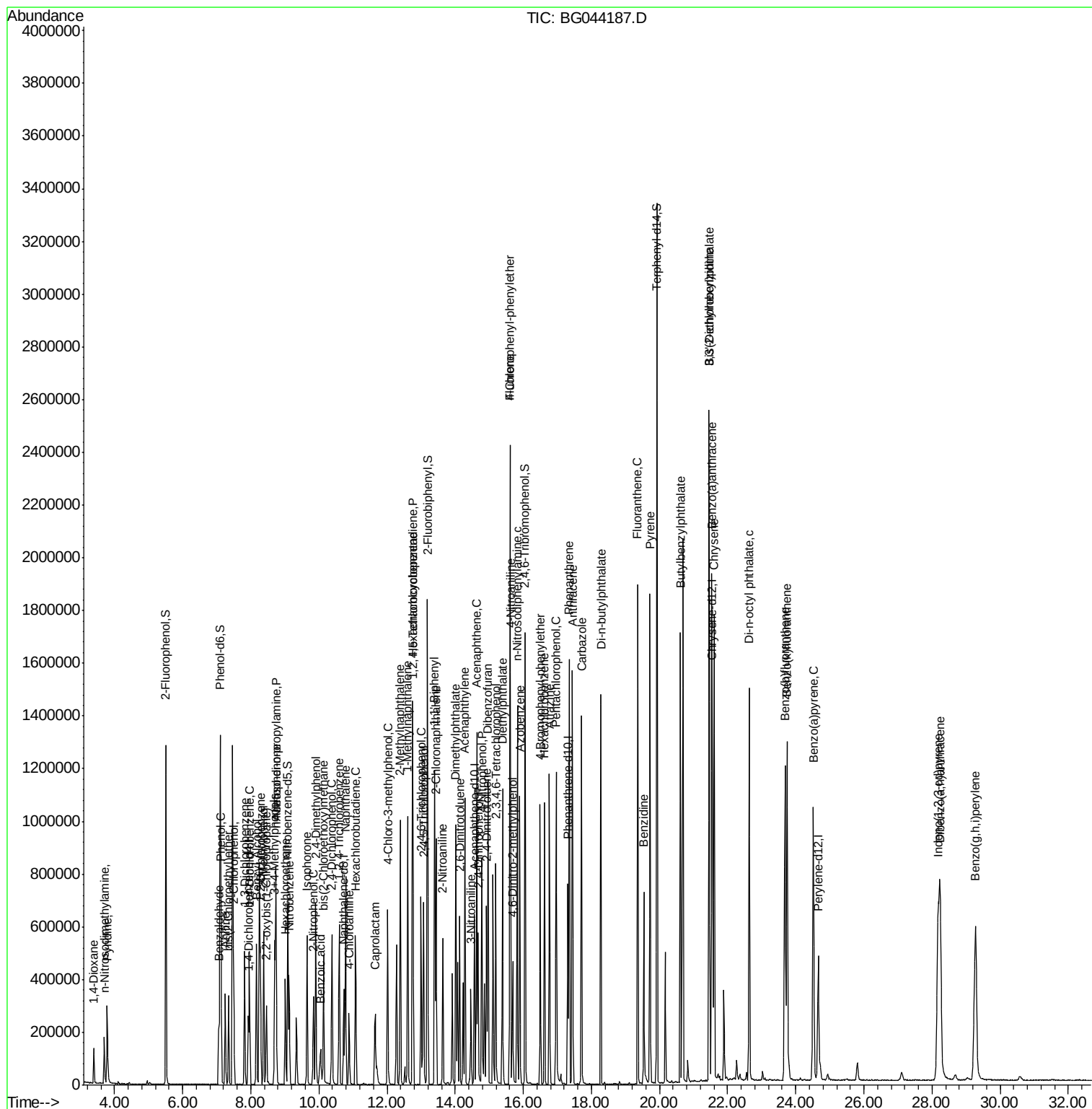
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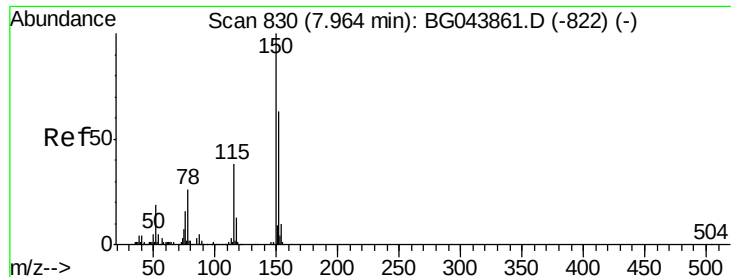
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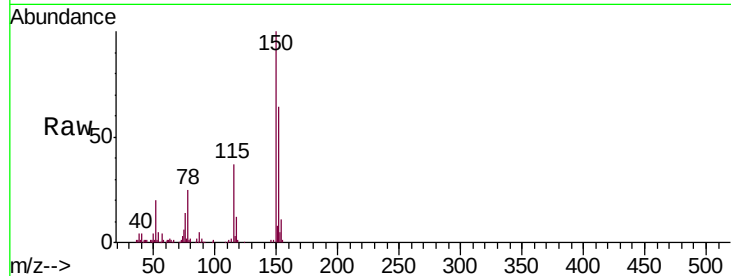


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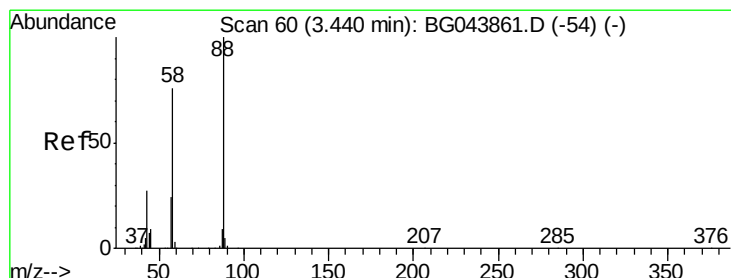
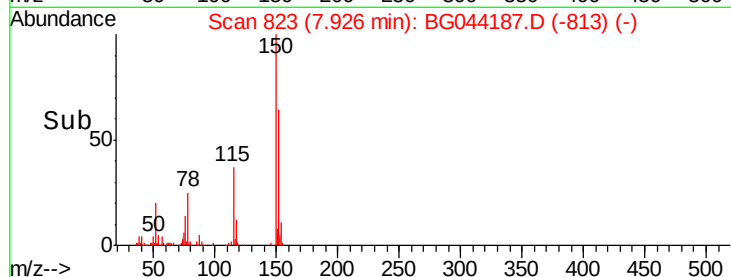
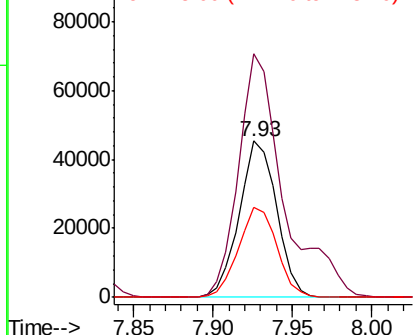
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 823
Delta R.T. -0.04 min
Lab File: BG044187.D
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Instrument :
BNA_G
ClientSampleId :
PB126325BS

Tgt Ion:152 Resp: 74333
Ion Ratio Lower Upper
152 100
150 155.6 127.0 190.4
115 57.3 47.8 71.8



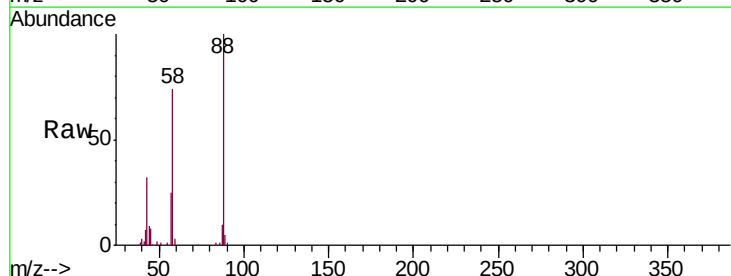
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



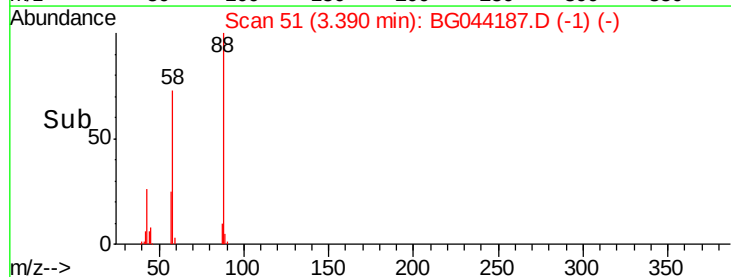
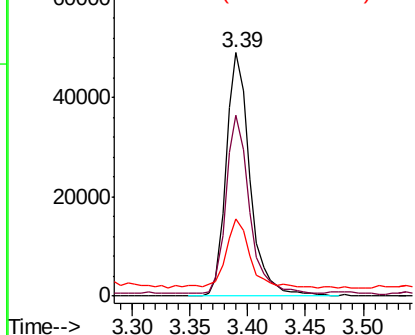
#2

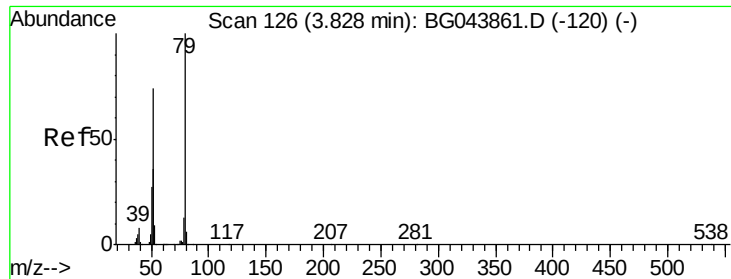
1,4-Dioxane
Concen: 39.683 ng
RT: 3.39 min Scan# 51
Delta R.T. -0.05 min
Lab File: BG044187.D
Acq: 24 Jan 2020 18:25

Tgt Ion: 88 Resp: 70048
Ion Ratio Lower Upper
88 100
58 71.4 59.8 89.8
43 30.1 22.9 34.3



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

Pyridine

Concen: 33.045 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.04 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

Instrument :

BNA_G

ClientSampleId :

PB126325BS

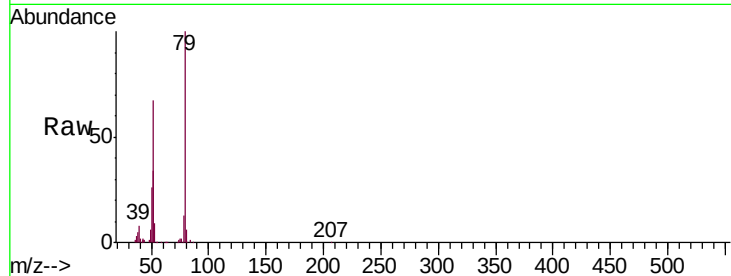
Tgt Ion: 79 Resp: 172319

Ion Ratio Lower Upper

79 100

52 67.2 58.9 88.3

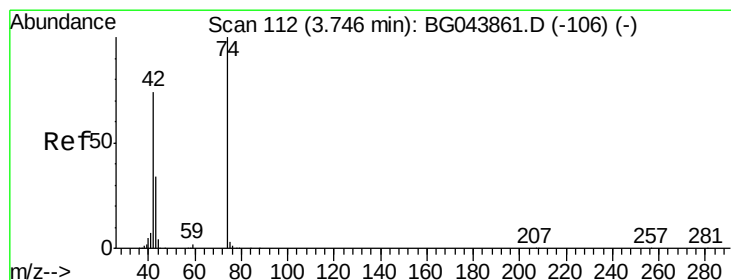
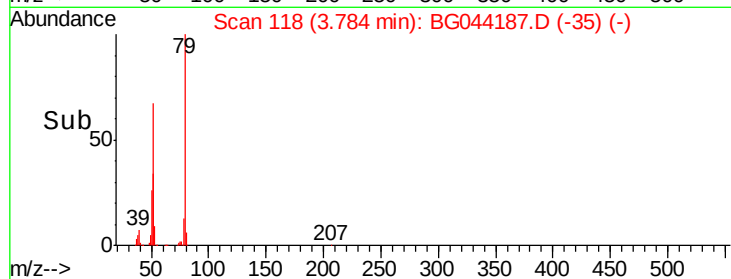
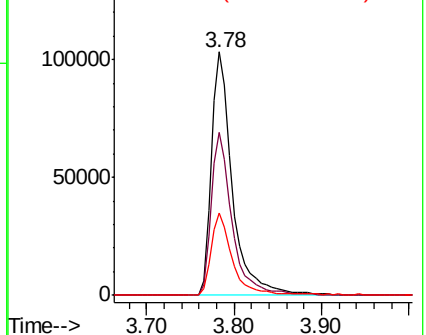
51 33.8 28.6 43.0



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 39.617 ng

RT: 3.70 min Scan# 103

Delta R.T. -0.05 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

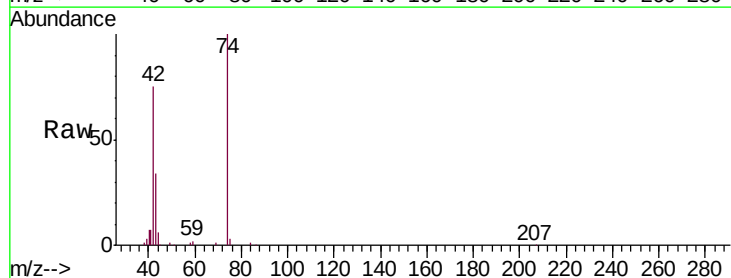
Tgt Ion: 42 Resp: 91977

Ion Ratio Lower Upper

42 100

74 132.5 108.6 162.8

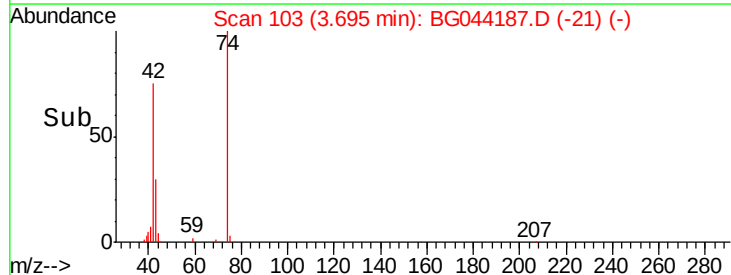
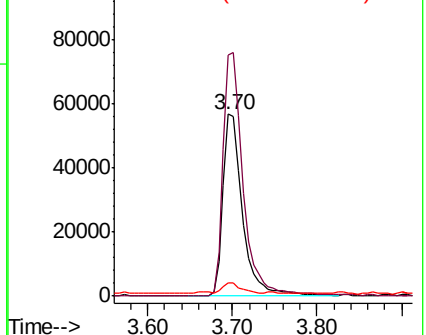
44 7.5 5.0 7.6

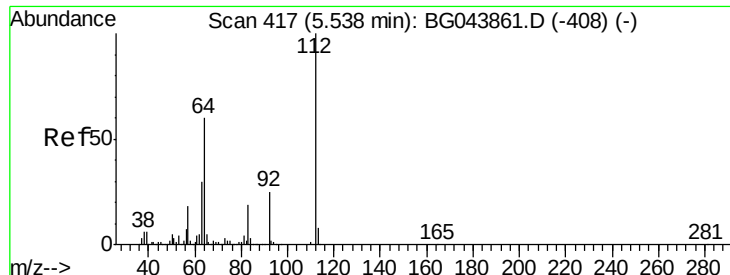


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 149.812 ng

RT: 5.51 min Scan# 411

Delta R.T. -0.03 min

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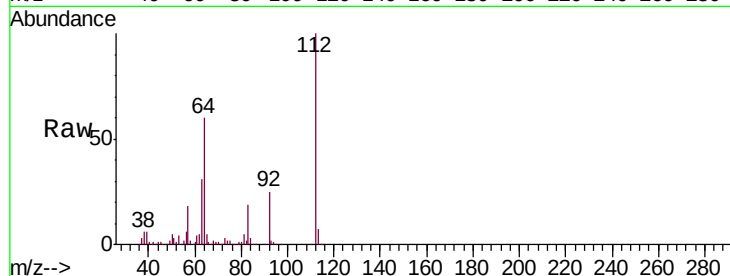
Tgt Ion: 112 Resp: 606494

Ion Ratio Lower Upper

112 100

64 59.5 47.8 71.6

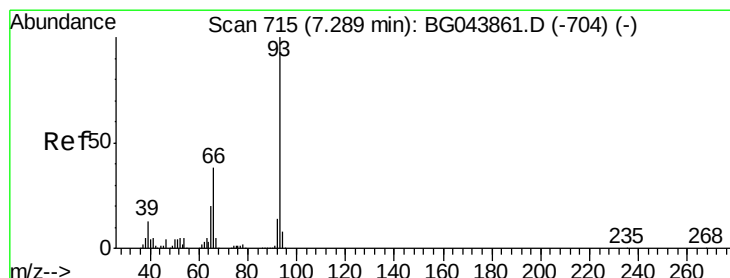
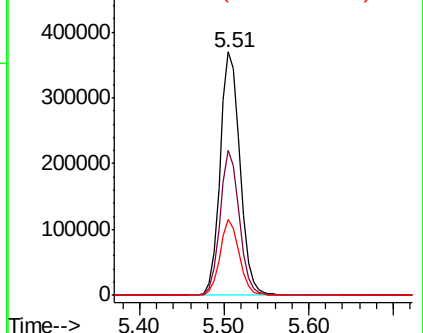
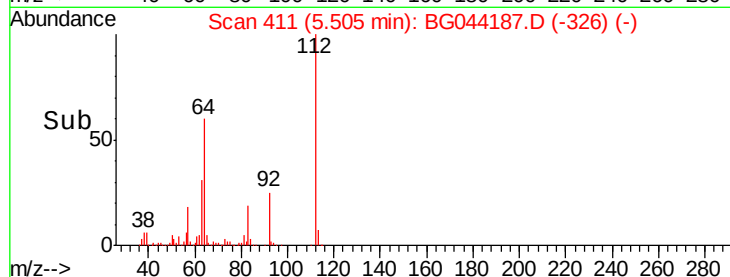
63 31.1 24.3 36.5



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: 31.721 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.04 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

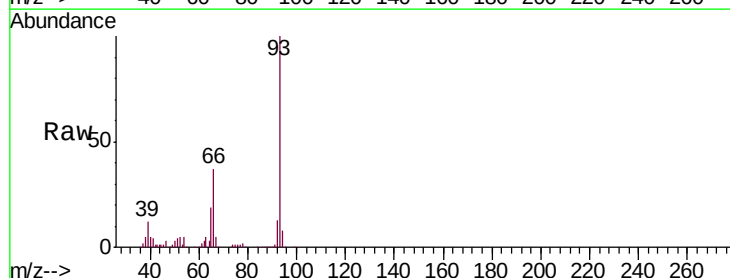
Tgt Ion: 93 Resp: 235777

Ion Ratio Lower Upper

93 100

66 36.9 30.8 46.2

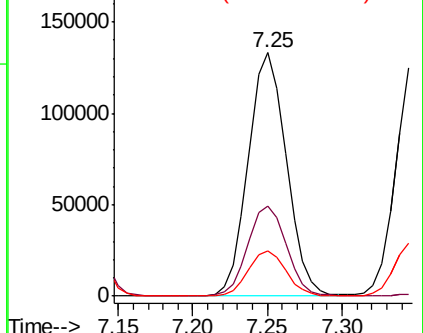
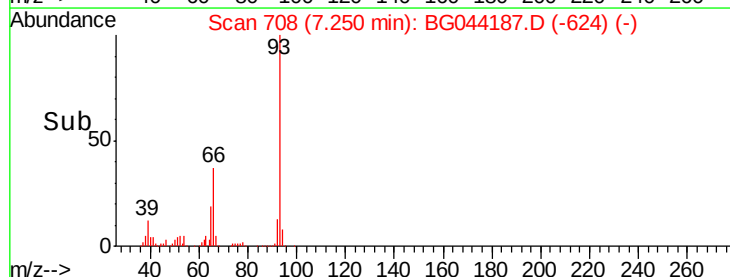
65 18.8 16.0 24.0

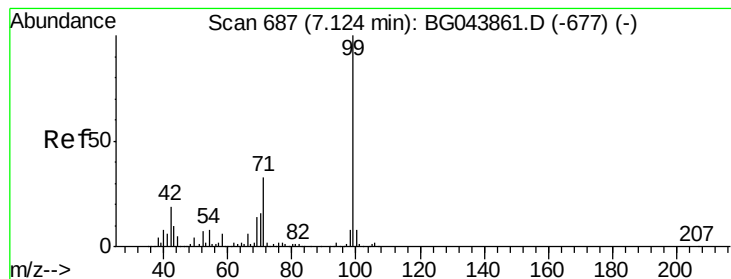


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 143.468 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

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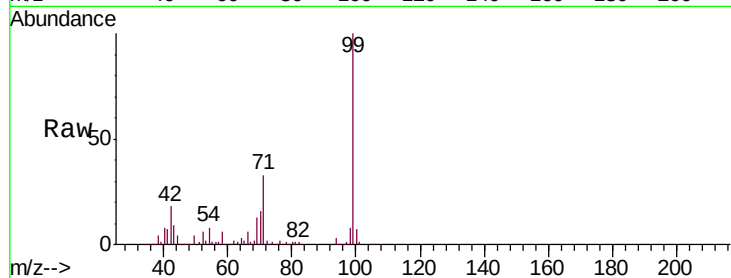
Tgt Ion: 99 Resp: 811872

Ion Ratio Lower Upper

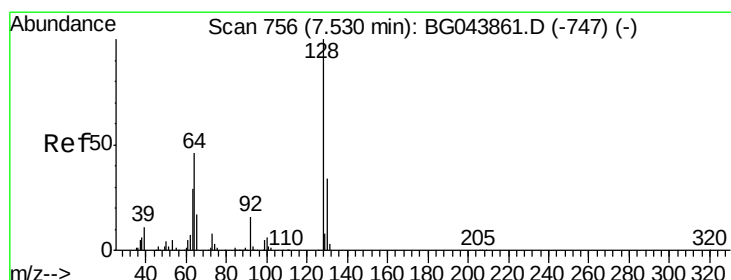
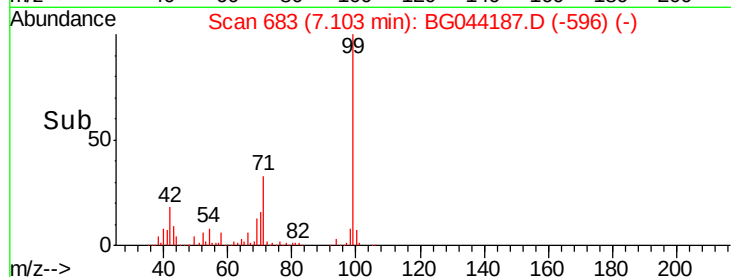
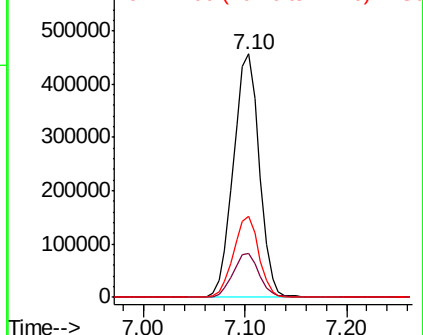
99 100

42 17.9 14.9 22.3

71 33.2 26.4 39.6



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: 47.246 ng

RT: 7.50 min Scan# 750

Delta R.T. -0.03 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

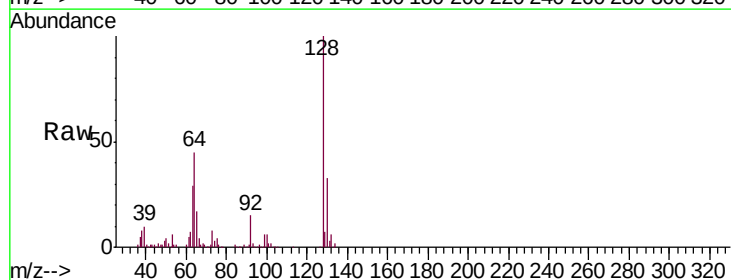
Tgt Ion: 128 Resp: 224547

Ion Ratio Lower Upper

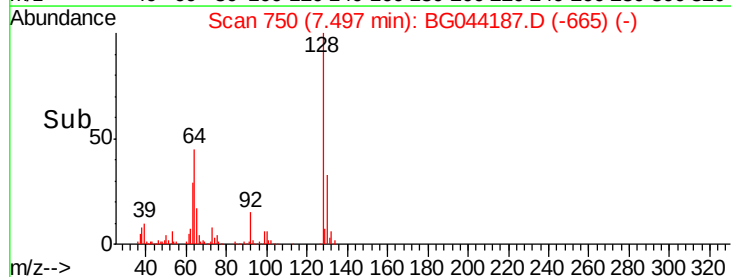
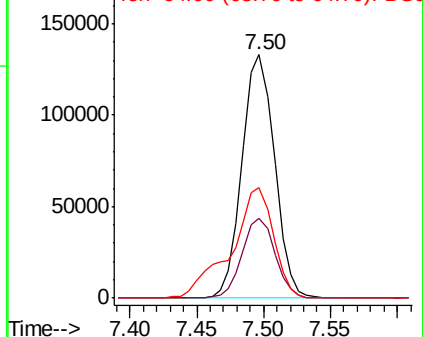
128 100

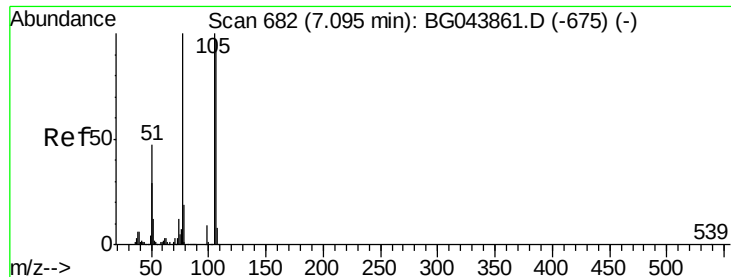
130 32.8 13.8 53.8

64 45.4 27.6 67.6



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





#9

Benzaldehyde

Concen: 31.620 ng

RT: 7.06 min Scan# 675

Delta R.T. -0.04 min

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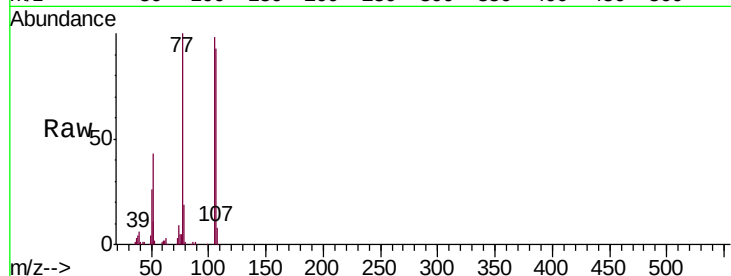
Tgt Ion: 77 Resp: 114523

Ion Ratio Lower Upper

77 100

105 97.7 80.2 120.2

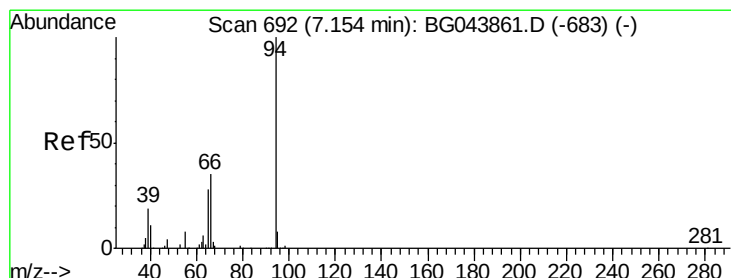
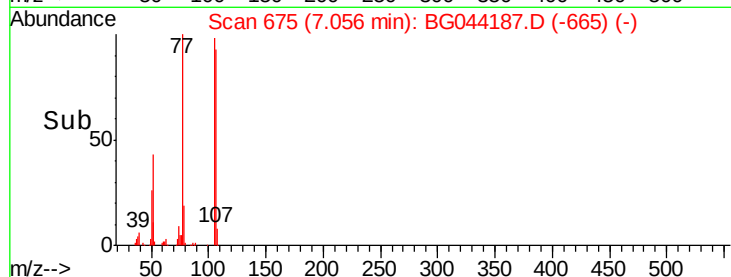
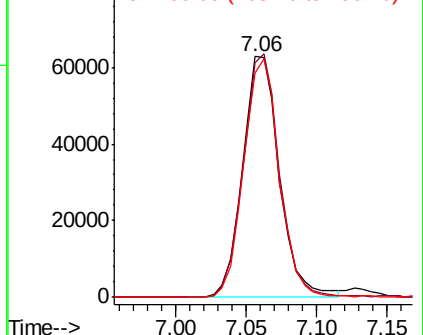
106 93.1 77.2 117.2



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: 48.389 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.03 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

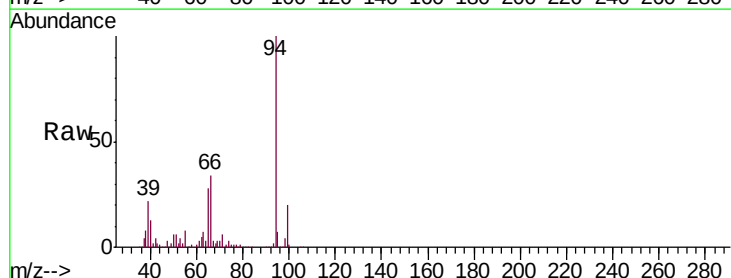
Tgt Ion: 94 Resp: 282132

Ion Ratio Lower Upper

94 100

65 27.7 8.1 48.1

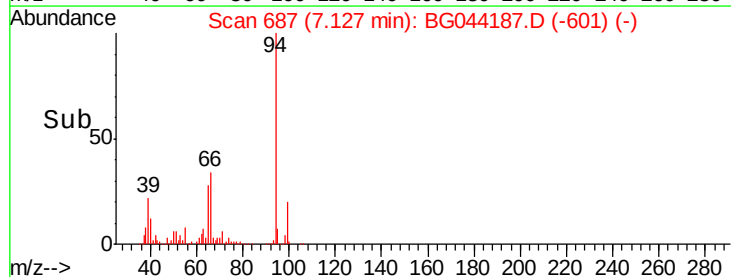
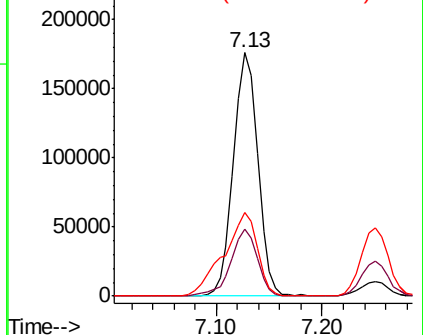
66 34.1 15.6 55.6

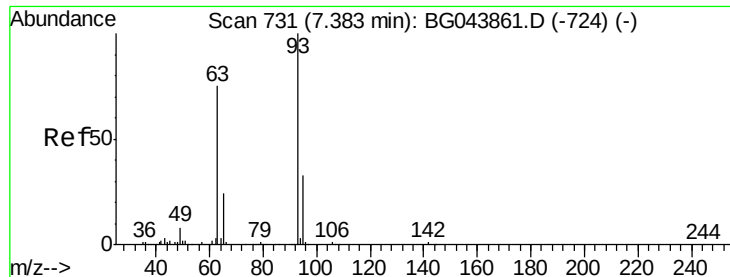


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

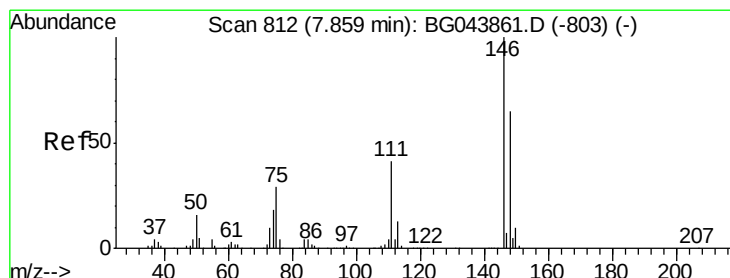
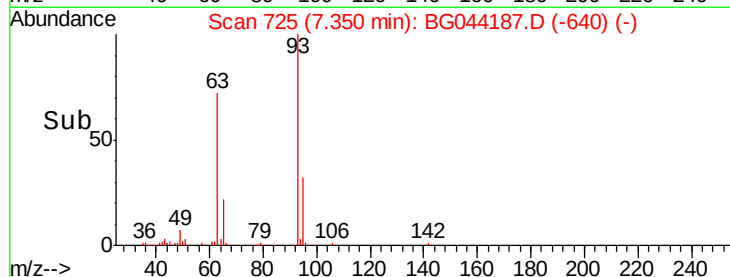
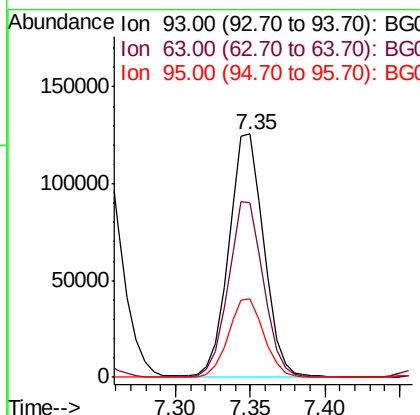
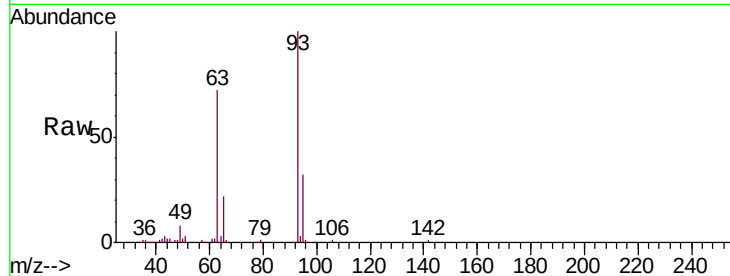




#11
bis(2-Chloroethyl)ether
Concen: 40.798 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.03 min
Lab File: BG044187.D
Acq: 24 Jan 2020 18:25

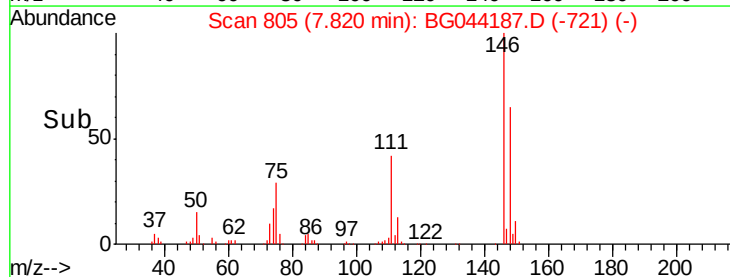
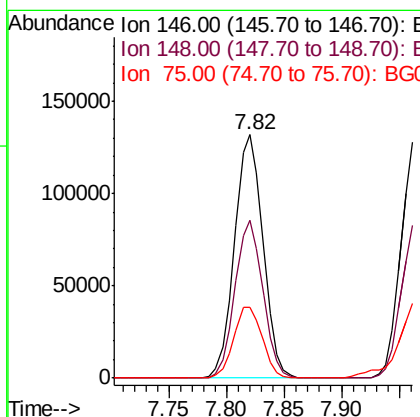
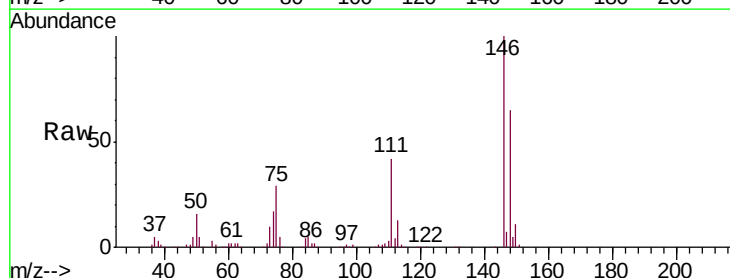
Instrument :
BNA_G
ClientSampleId :
PB126325BS

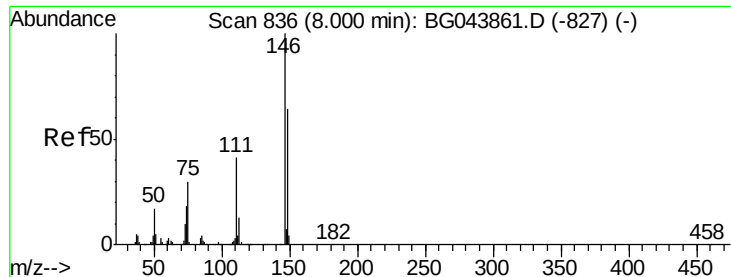
Tgt Ion: 93 Resp: 205331
Ion Ratio Lower Upper
93 100
63 71.9 55.0 95.0
95 32.0 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 40.339 ng
RT: 7.82 min Scan# 805
Delta R.T. -0.04 min
Lab File: BG044187.D
Acq: 24 Jan 2020 18:25

Tgt Ion: 146 Resp: 224350
Ion Ratio Lower Upper
146 100
148 64.7 52.1 78.1
75 29.1 23.0 34.4

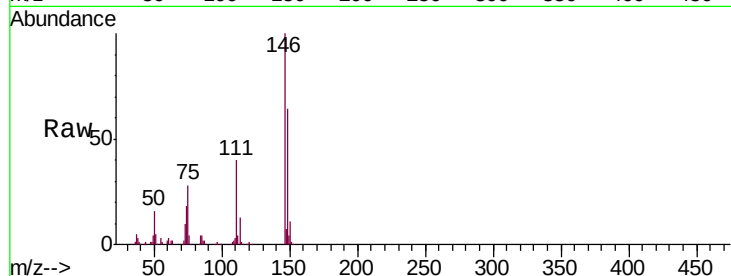




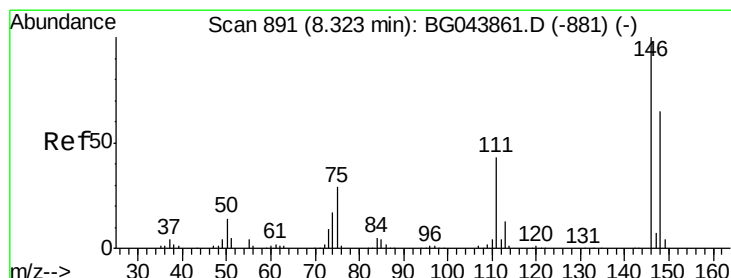
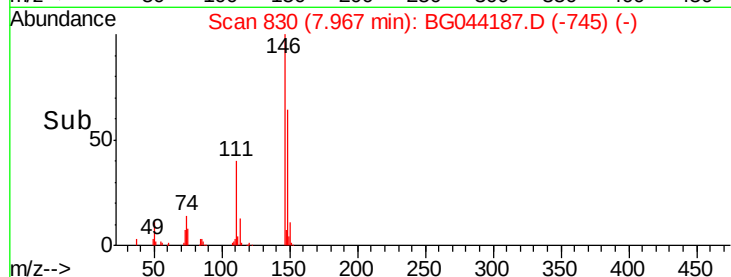
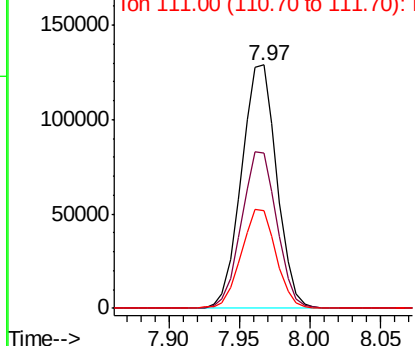
#13
 1,4-Dichlorobenzene
 Concen: 41.229 ng
 RT: 7.97 min Scan# 830
 Delta R.T. -0.03 min
 Lab File: BG044187.D
 Acq: 24 Jan 2020 18:25

Instrument :
 BNA_G
 ClientSampleId :
 PB126325BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.2	76.8
111	40.4	33.1	49.7

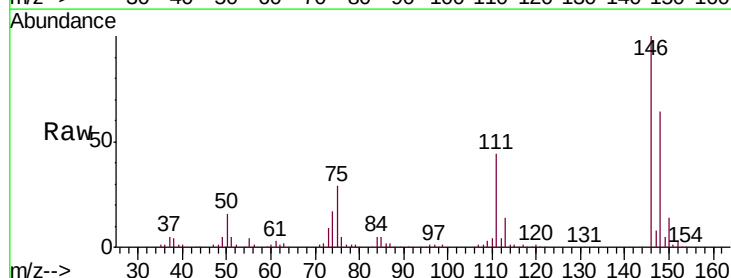


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

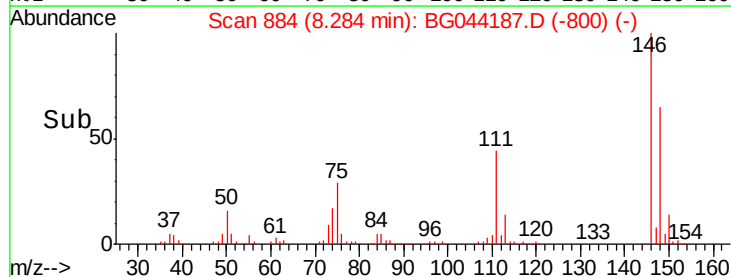
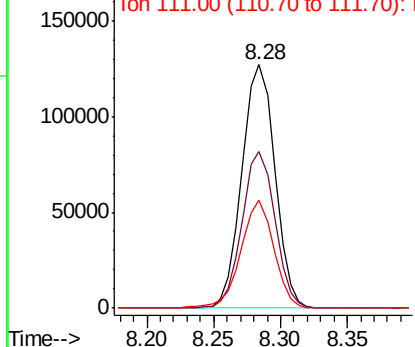


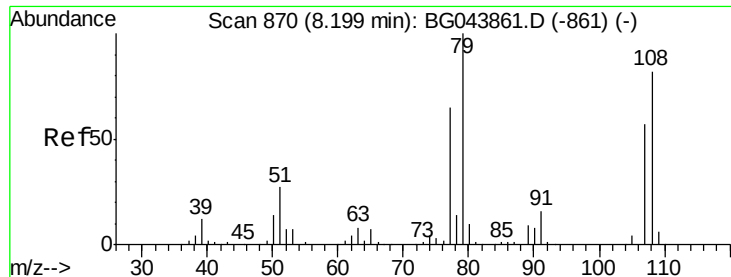
#14
 1,2-Dichlorobenzene
 Concen: 41.378 ng
 RT: 8.28 min Scan# 884
 Delta R.T. -0.04 min
 Lab File: BG044187.D
 Acq: 24 Jan 2020 18:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.7	77.5
111	44.1	34.4	51.6



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: 42.137 ng

RT: 8.17 min Scan# 864

Delta R.T. -0.03 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

Instrument :

BNA_G

ClientSampleId :

PB126325BS

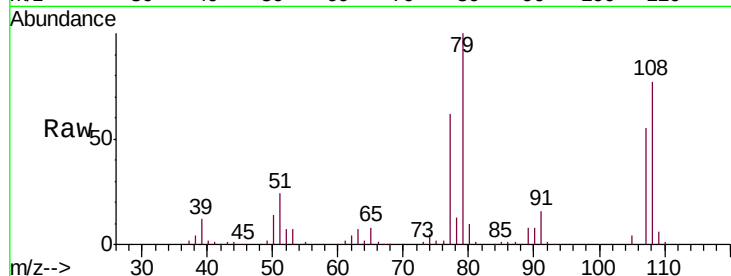
Tgt Ion: 79 Resp: 188191

Ion Ratio Lower Upper

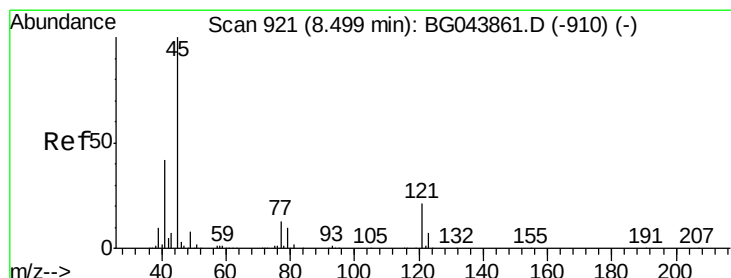
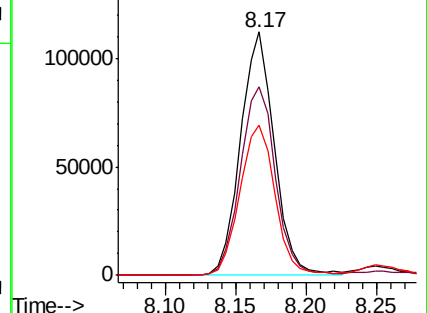
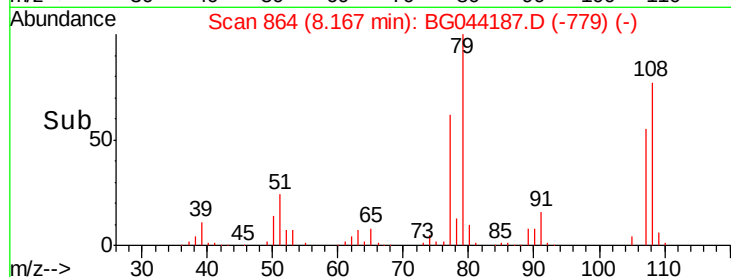
79 100

108 77.3 65.6 98.4

77 61.8 52.0 78.0



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: 35.937 ng

RT: 8.46 min Scan# 914

Delta R.T. -0.04 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

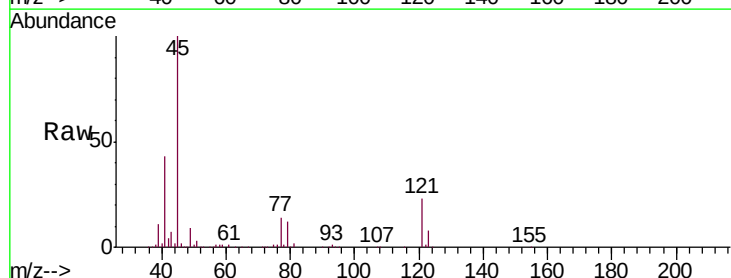
Tgt Ion: 45 Resp: 279815

Ion Ratio Lower Upper

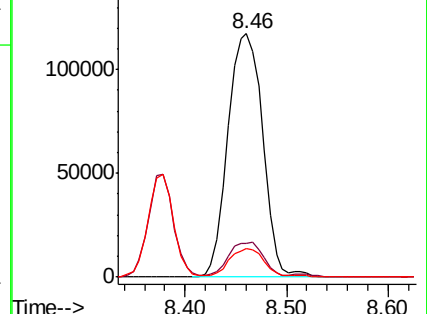
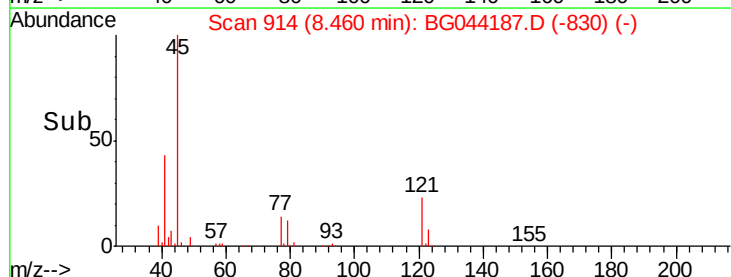
45 100

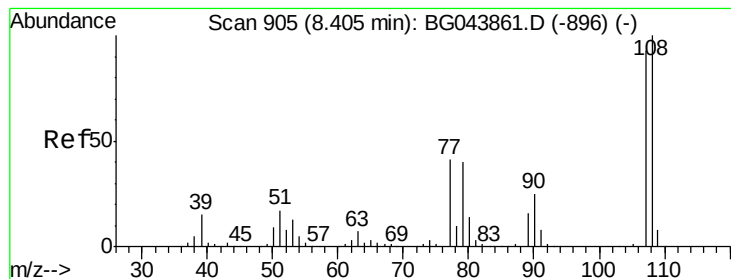
77 13.9 0.0 33.8

79 11.9 0.0 31.0



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: 46.625 ng

RT: 8.38 min Scan# 900

Delta R.T. -0.03 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

Instrument :

BNA_G

ClientSampleId :

PB126325BS

Tgt Ion:107 Resp: 196721

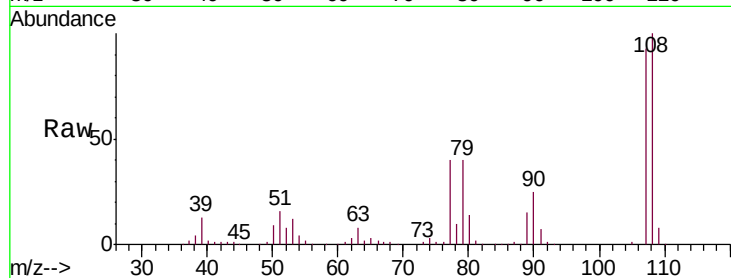
Ion Ratio Lower Upper

107 100

108 107.7 86.1 129.1

77 42.6 35.4 53.0

79 42.9 34.8 52.2

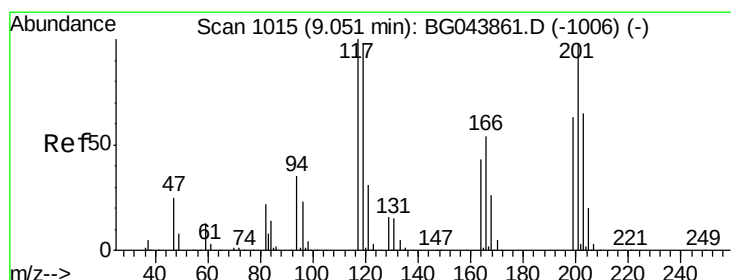
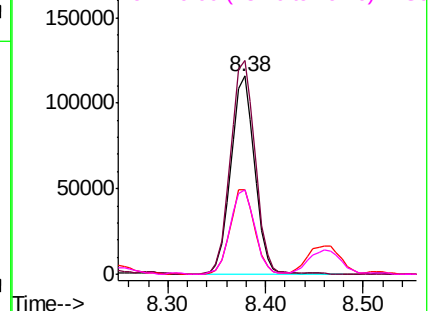
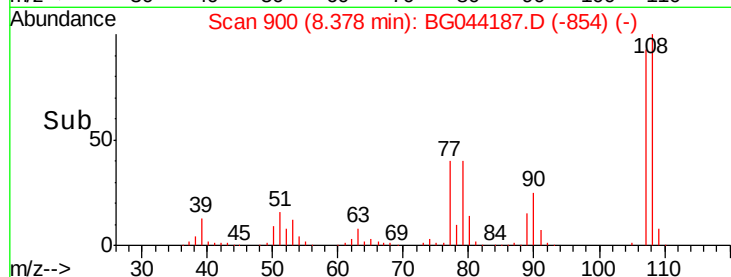


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 39.684 ng

RT: 9.01 min Scan# 1008

Delta R.T. -0.04 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

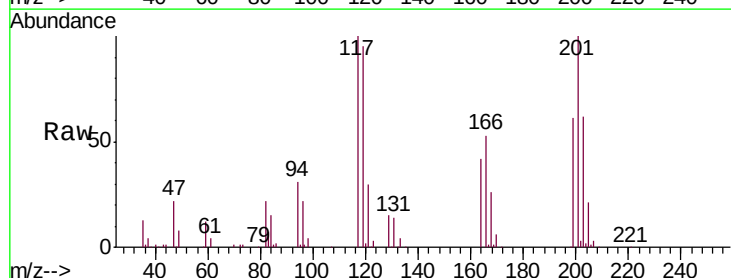
Tgt Ion:117 Resp: 84737

Ion Ratio Lower Upper

117 100

119 95.5 78.1 117.1

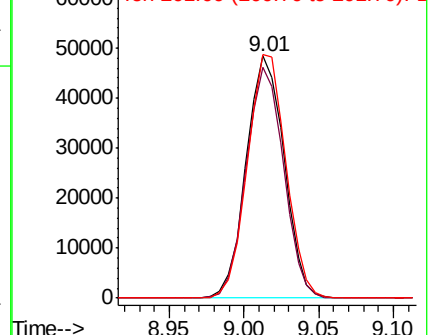
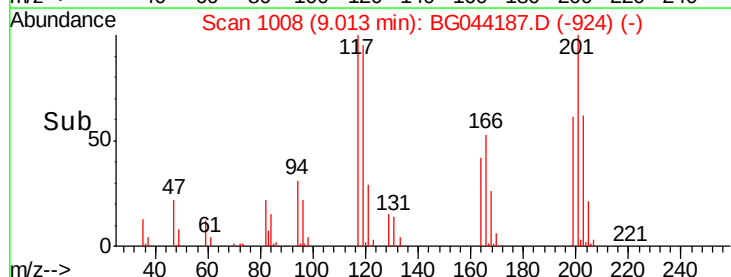
201 100.5 78.6 117.8

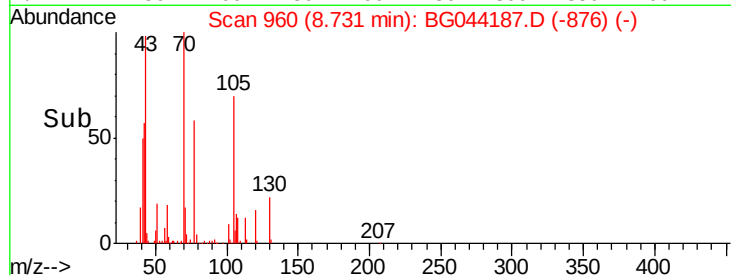
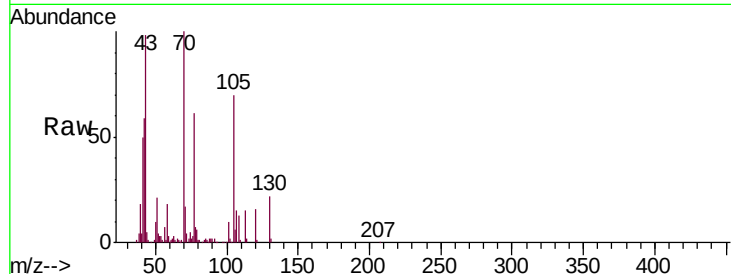
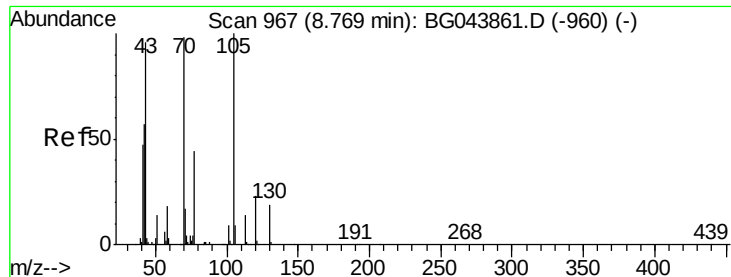


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

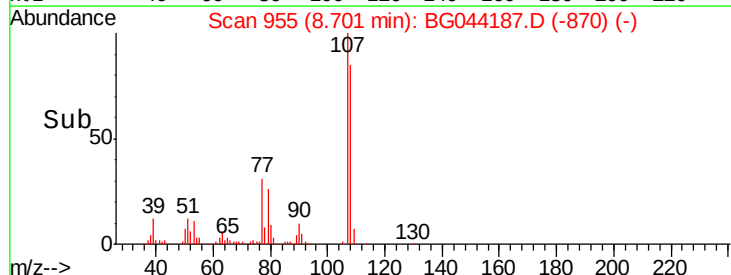
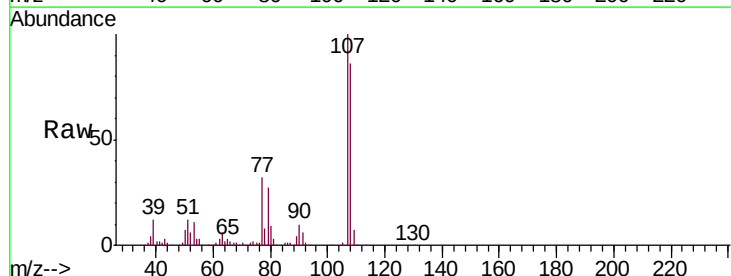
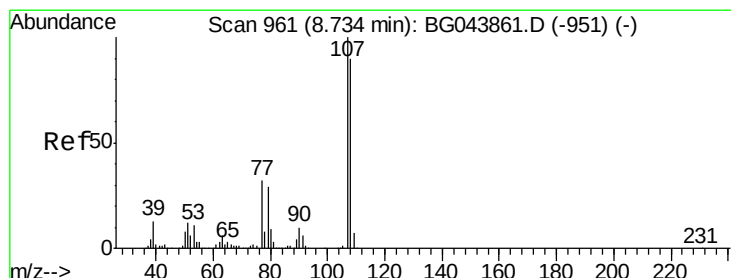
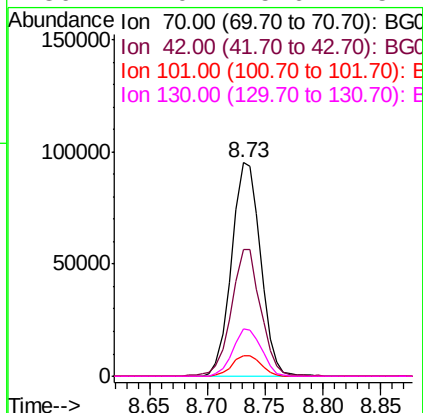




#19
n-Nitroso-di-n-propylamine
Concen: 39.330 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.04 min
Lab File: BG044187.D
Acq: 24 Jan 2020 18:25

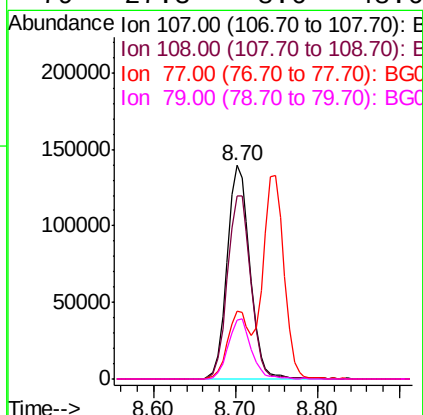
Instrument :
BNA_G
ClientSampleId :
PB126325BS

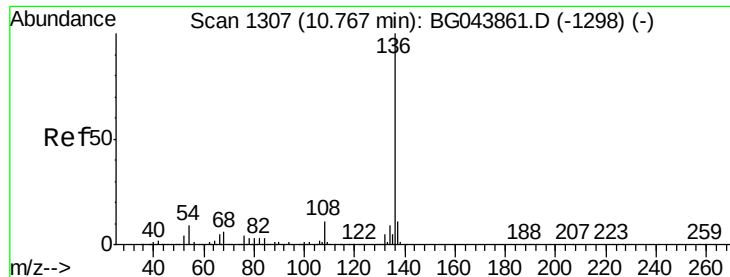
Tgt Ion:	70	Resp:	165746
Ion	Ratio	Lower	Upper
70	100		
42	59.2	47.0	70.4
101	9.5	7.2	10.8
130	22.0	15.6	23.4



#20
3+4-Methylphenols
Concen: 46.042 ng
RT: 8.70 min Scan# 955
Delta R.T. -0.03 min
Lab File: BG044187.D
Acq: 24 Jan 2020 18:25

Tgt Ion:	107	Resp:	271003
Ion	Ratio	Lower	Upper
107	100		
108	85.9	70.3	110.3
77	31.6	12.4	52.4
79	27.3	8.6	48.6

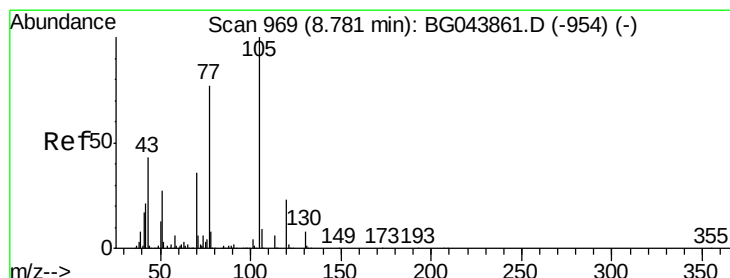
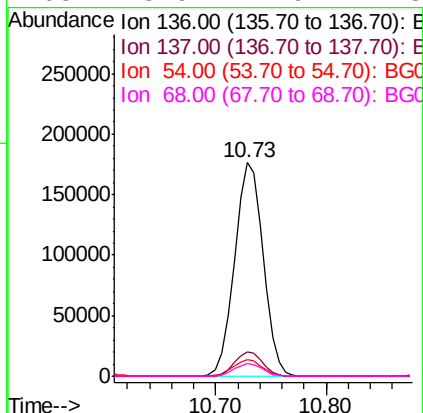
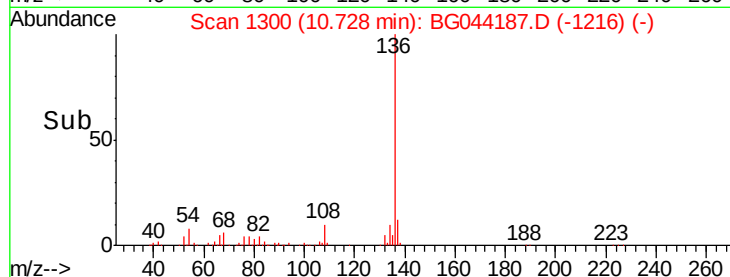
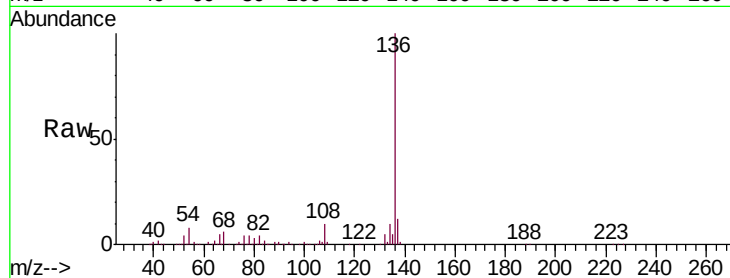




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.04 min
Lab File: BG044187.D
Acq: 24 Jan 2020 18:25

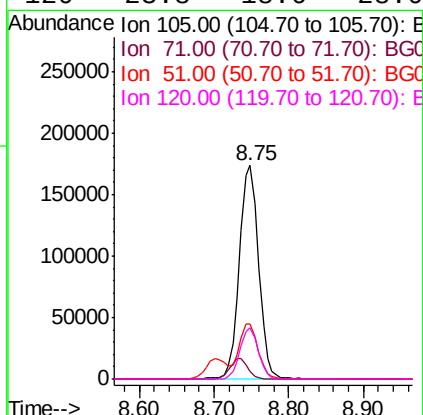
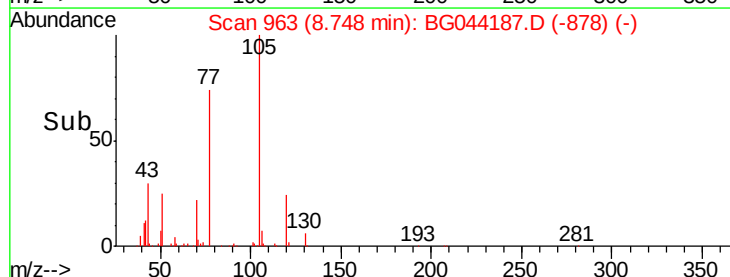
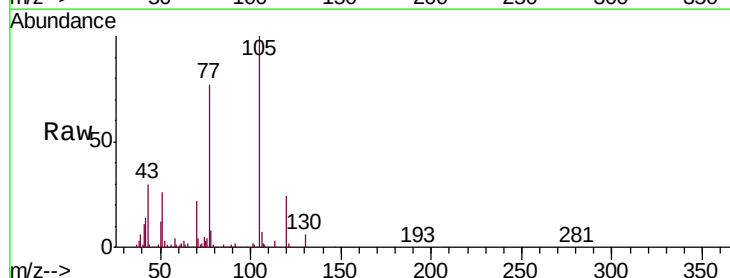
Instrument :
BNA_G
ClientSampleId :
PB126325BS

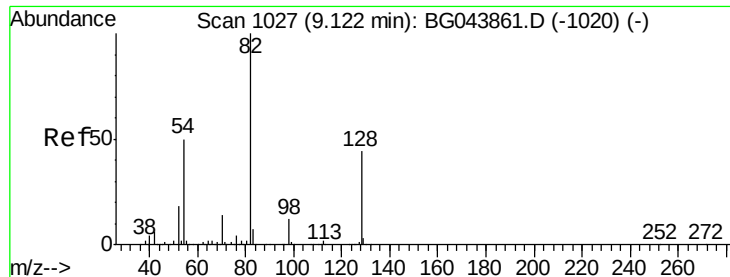
Tgt Ion:	136	Resp:	320619
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	7.9	7.0	10.4
68	5.9	4.9	7.3



#22
Acetophenone
Concen: 39.035 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.03 min
Lab File: BG044187.D
Acq: 24 Jan 2020 18:25

Tgt Ion:	105	Resp:	311142
Ion	Ratio	Lower	Upper
105	100		
71	3.7	4.8	7.2#
51	25.8	21.4	32.0
120	23.8	18.6	28.0





#23

Nitrobenzene-d5

Concen: 71.202 ng

RT: 9.08 min Scan# 1020

Delta R.T. -0.04 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

Instrument :

BNA_G

ClientSampleId :

PB126325BS

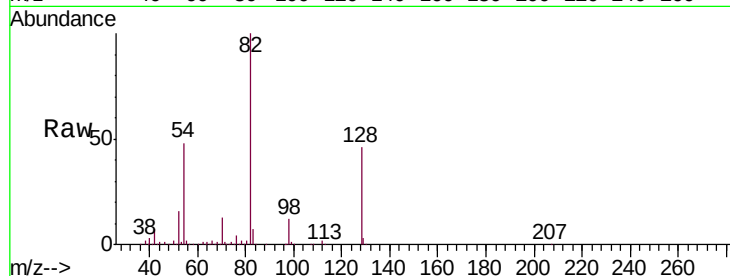
Tgt Ion: 82 Resp: 426735

Ion Ratio Lower Upper

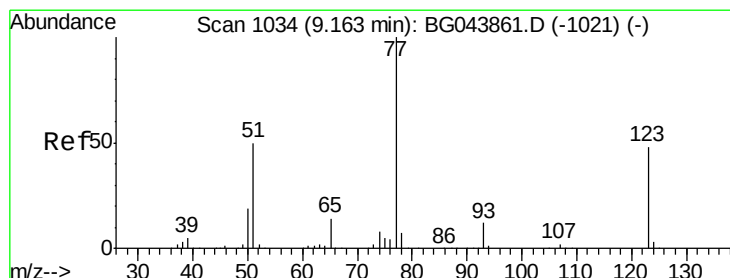
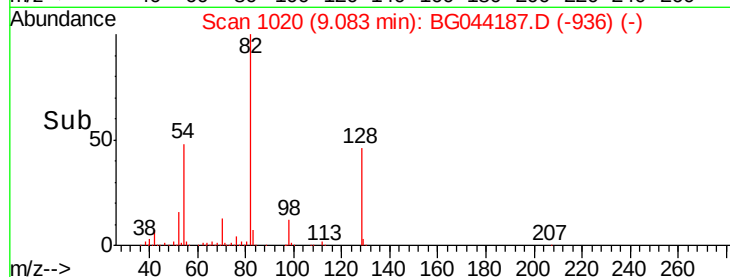
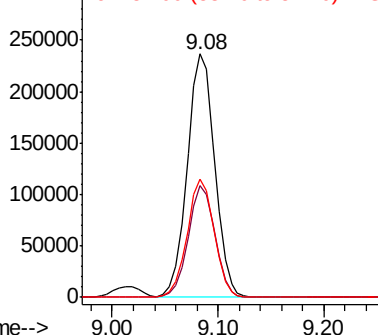
82 100

128 45.7 35.1 52.7

54 48.3 40.1 60.1



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: 40.024 ng

RT: 9.12 min Scan# 1027

Delta R.T. -0.04 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

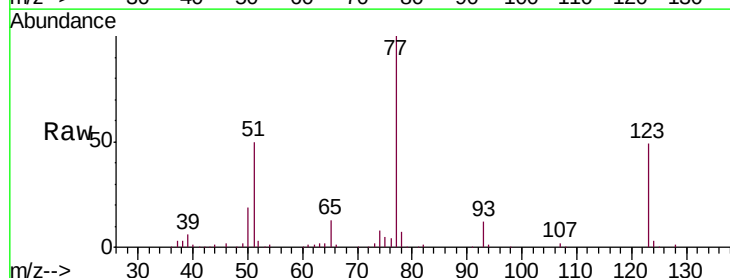
Tgt Ion: 77 Resp: 237581

Ion Ratio Lower Upper

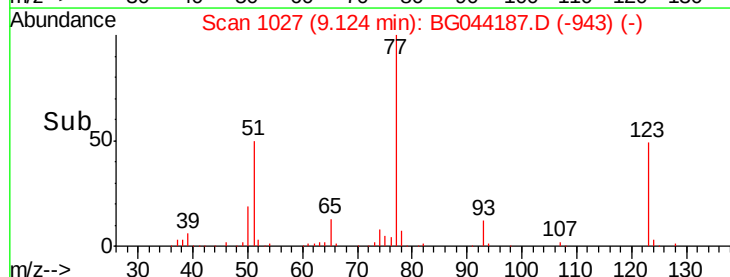
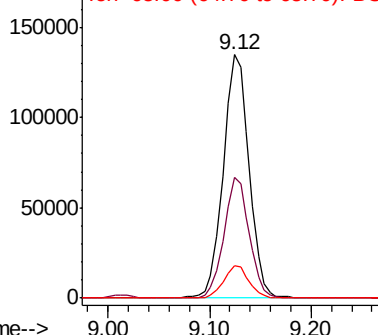
77 100

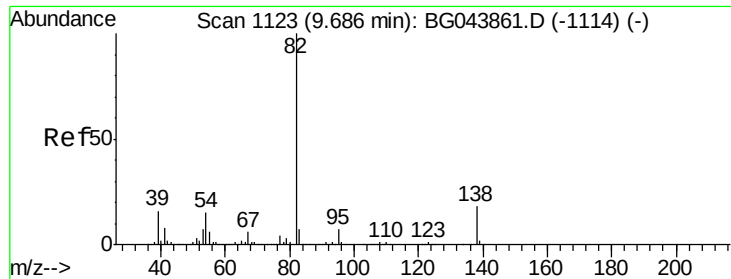
123 49.4 38.7 58.1

65 13.2 11.1 16.7



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

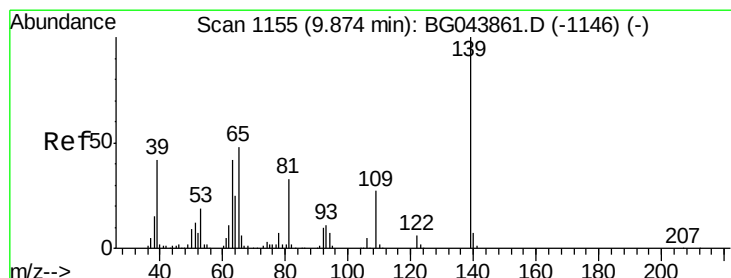
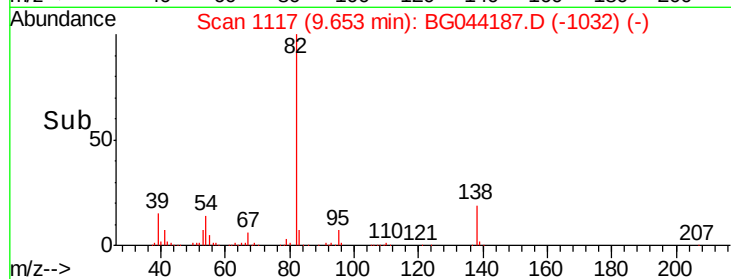
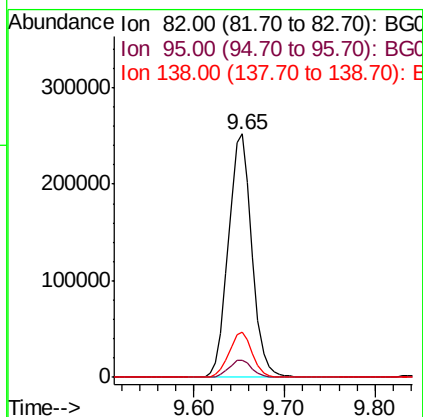
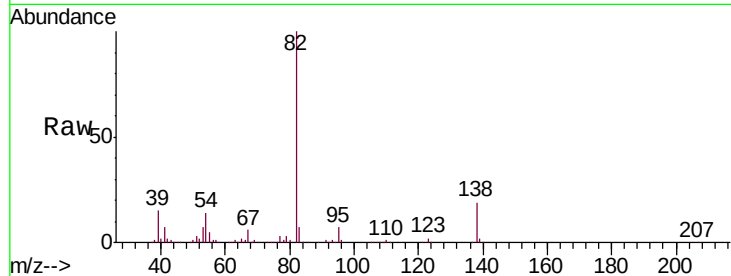




#25
Isophorone
Concen: 40.455 ng
RT: 9.65 min Scan# 1117
Delta R.T. -0.03 min
Lab File: BG044187.D
Acq: 24 Jan 2020 18:25

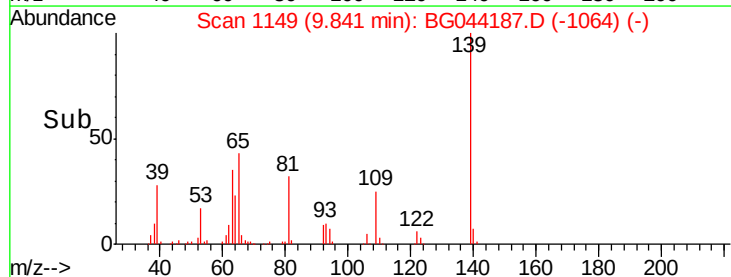
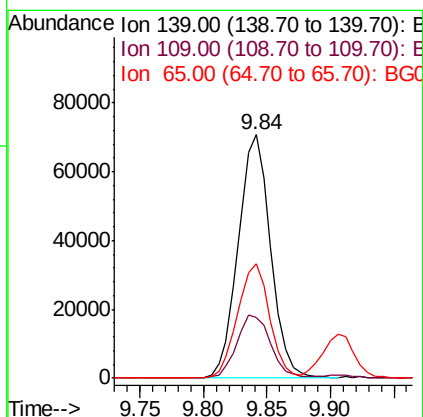
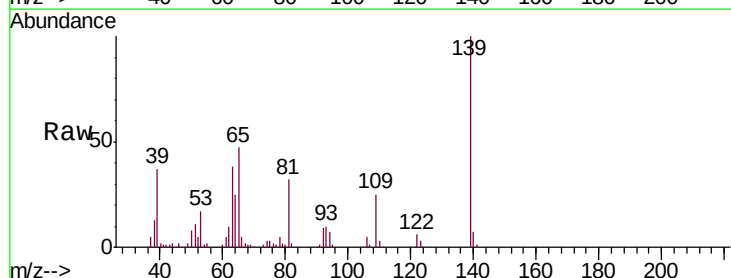
Instrument :
BNA_G
ClientSampleId :
PB126325BS

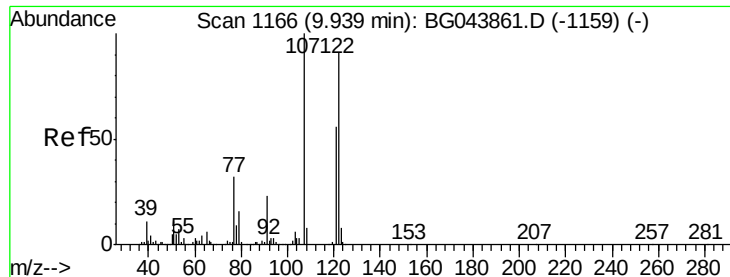
Tgt Ion: 82 Resp: 454878
Ion Ratio Lower Upper
82 100
95 6.9 5.8 8.6
138 18.6 14.6 22.0



#26
2-Nitrophenol
Concen: 44.683 ng
RT: 9.84 min Scan# 1149
Delta R.T. -0.03 min
Lab File: BG044187.D
Acq: 24 Jan 2020 18:25

Tgt Ion: 139 Resp: 125488
Ion Ratio Lower Upper
139 100
109 24.8 21.3 31.9
65 47.0 38.6 57.8

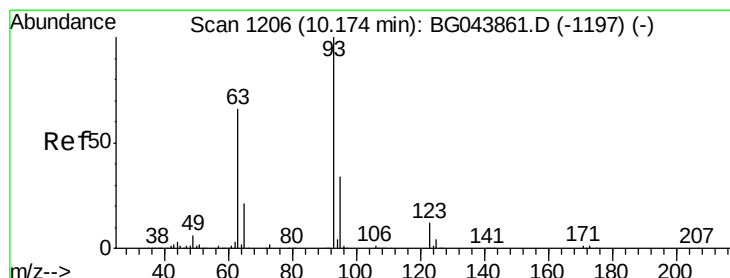
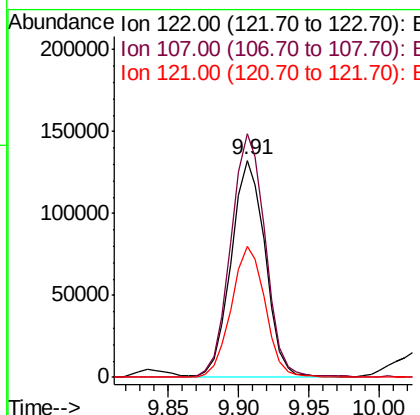
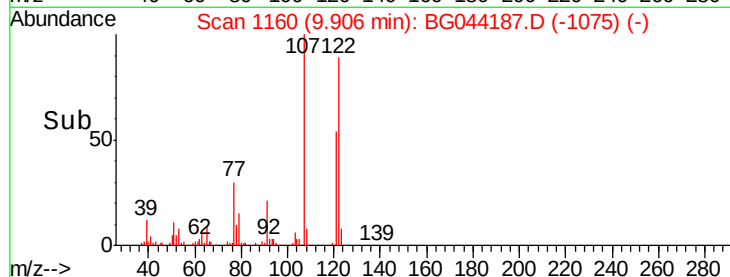
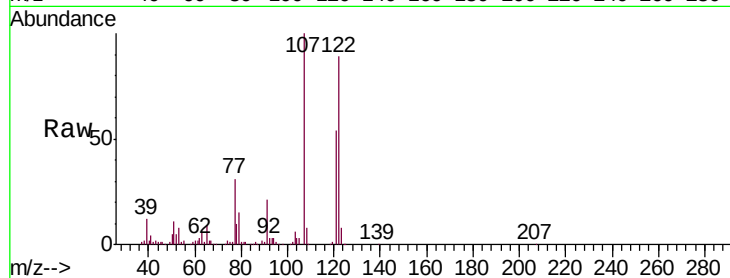




#27
 2,4-Dimethylphenol
 Concen: 52.223 ng
 RT: 9.91 min Scan# 1160
 Delta R.T. -0.03 min
 Lab File: BG044187.D
 Acq: 24 Jan 2020 18:25

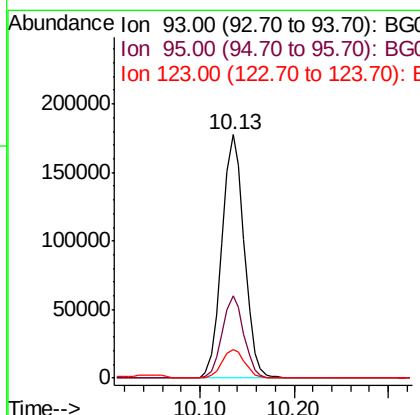
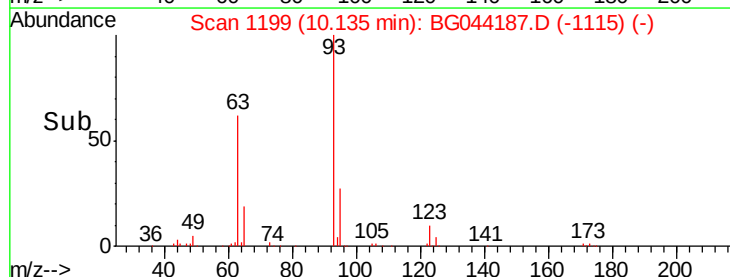
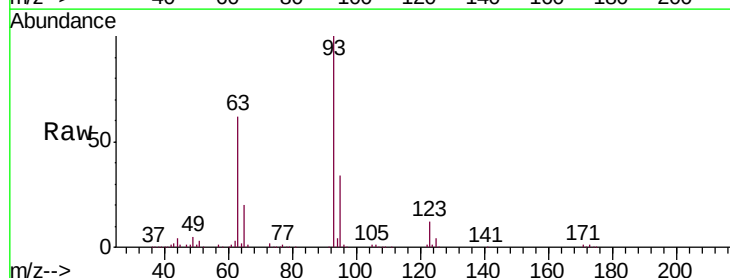
Instrument :
 BNA_G
 ClientSampleId :
 PB126325BS

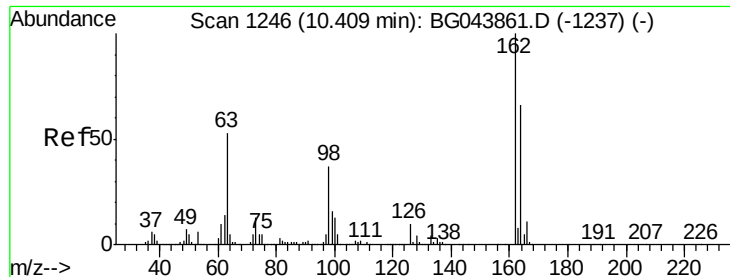
Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.1	88.0	132.0
121	60.3	49.0	73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.129 ng
 RT: 10.13 min Scan# 1199
 Delta R.T. -0.04 min
 Lab File: BG044187.D
 Acq: 24 Jan 2020 18:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	27.2	40.8
123	11.7	9.7	14.5

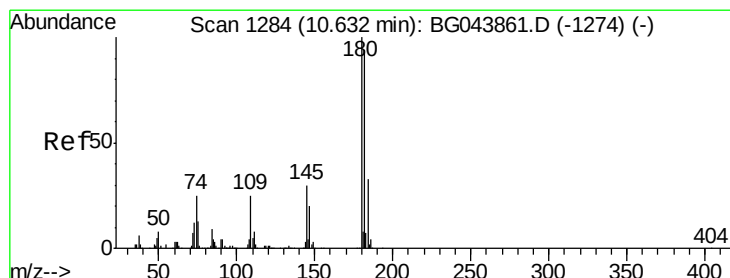
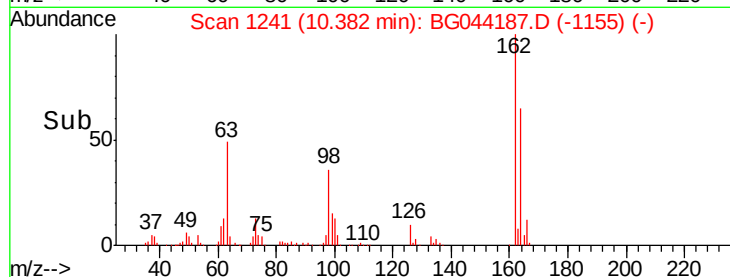
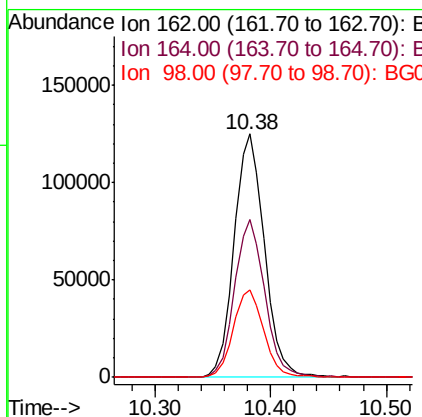
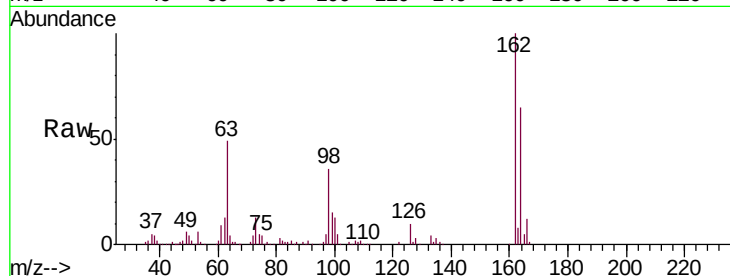




#29
2,4-Dichlorophenol
Concen: 45.034 ng
RT: 10.38 min Scan# 1241
Delta R.T. -0.03 min
Lab File: BG044187.D
Acq: 24 Jan 2020 18:25

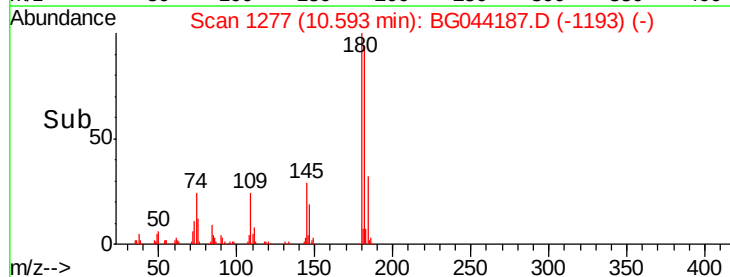
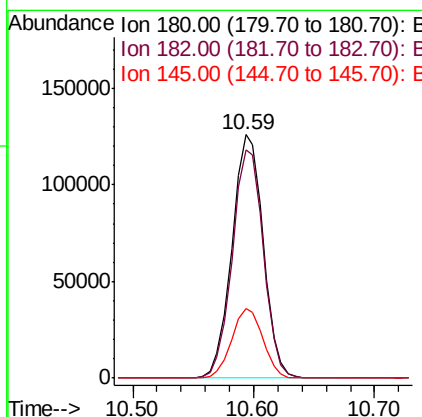
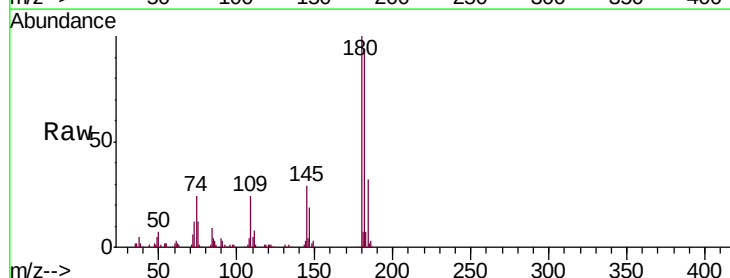
Instrument :
BNA_G
ClientSampleId :
PB126325BS

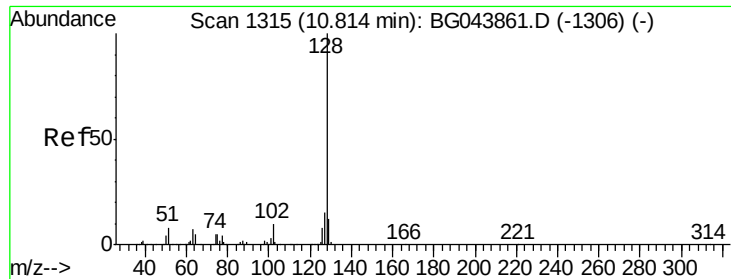
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.9	46.3	86.3
98	35.7	17.3	57.3



#30
1,2,4-Trichlorobenzene
Concen: 39.937 ng
RT: 10.59 min Scan# 1277
Delta R.T. -0.04 min
Lab File: BG044187.D
Acq: 24 Jan 2020 18:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	75.0	112.4
145	28.6	24.2	36.4

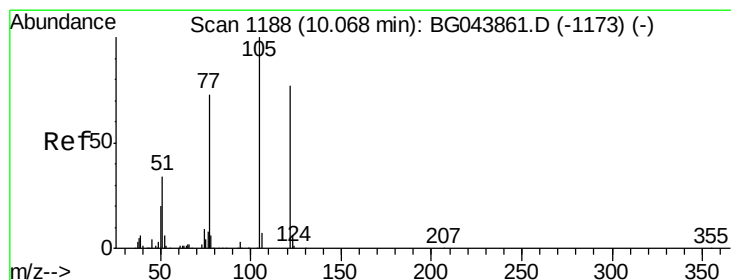
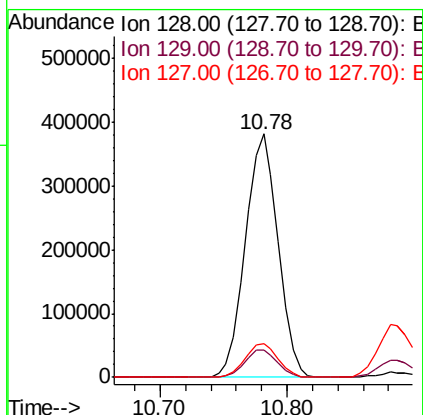
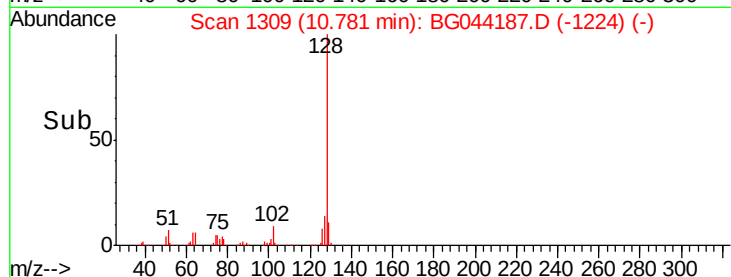
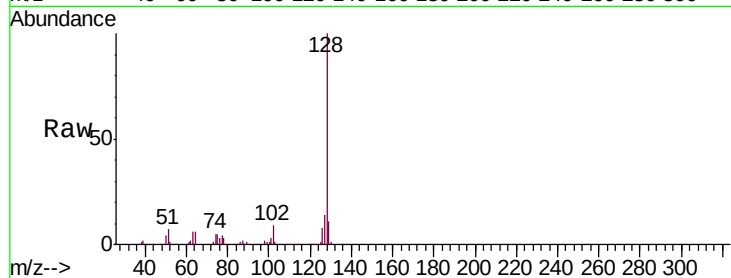




#31
Naphthalene
Concen: 43.960 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.03 min
Lab File: BG044187.D
Acq: 24 Jan 2020 18:25

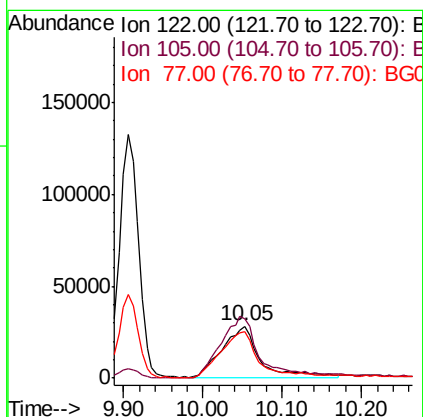
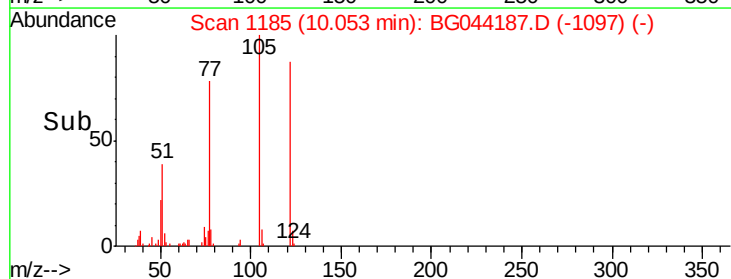
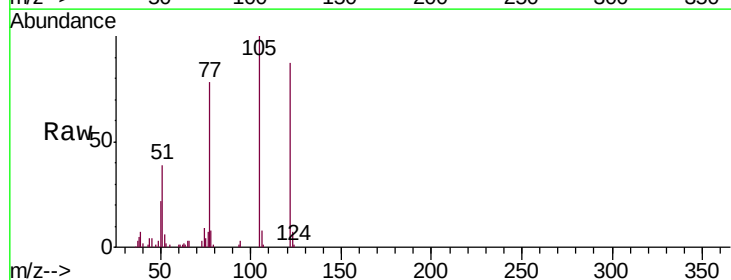
Instrument :
BNA_G
ClientSampleId :
PB126325BS

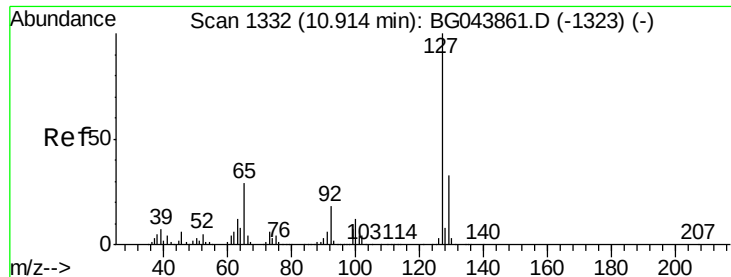
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.8	14.6
127	14.1	12.0	18.0



#32
Benzoic acid
Concen: 29.223 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BG044187.D
Acq: 24 Jan 2020 18:25

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.5	106.4	146.4
77	89.6	74.6	114.6

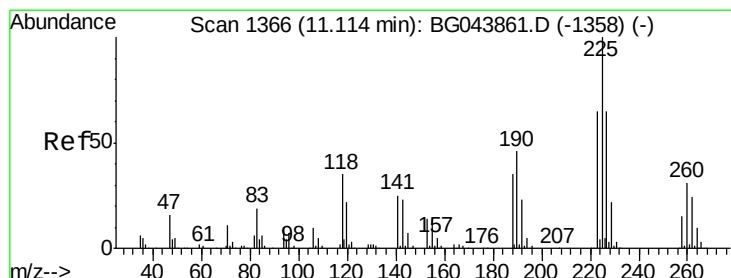
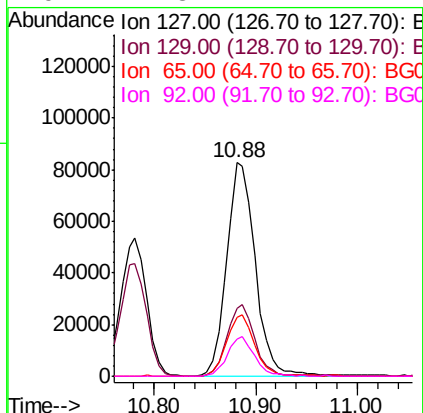
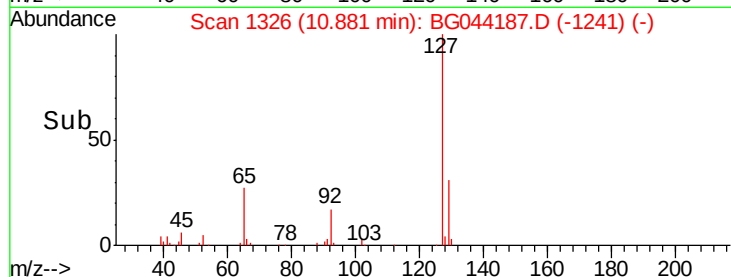
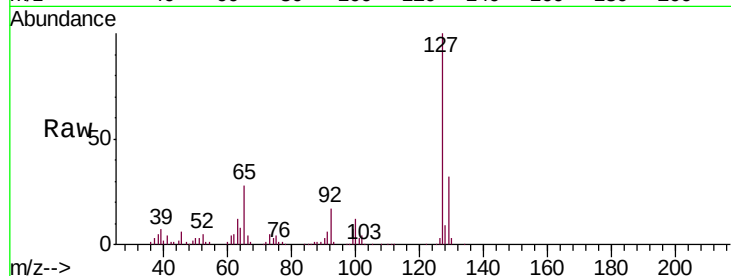




#33
4-Chloroaniline
Concen: 21.945 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.03 min
Lab File: BG044187.D
Acq: 24 Jan 2020 18:25

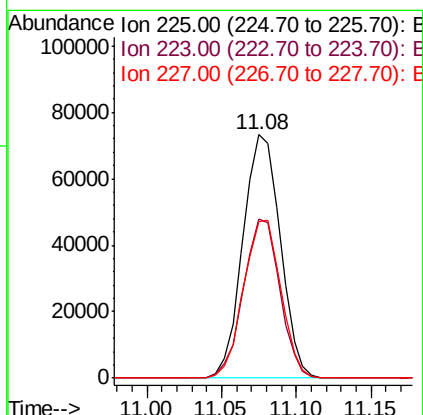
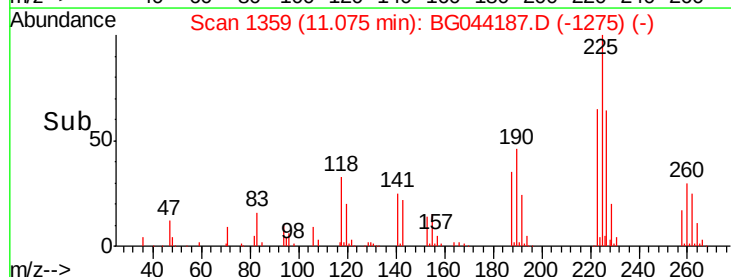
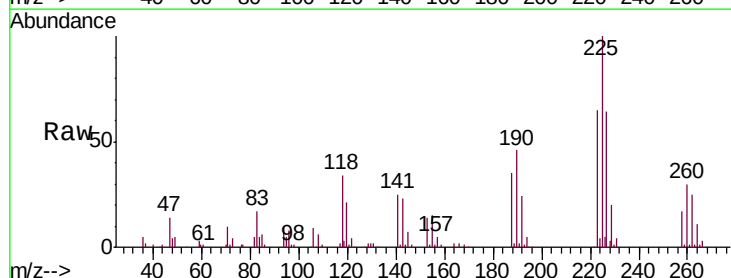
Instrument :
BNA_G
ClientSampleId :
PB126325BS

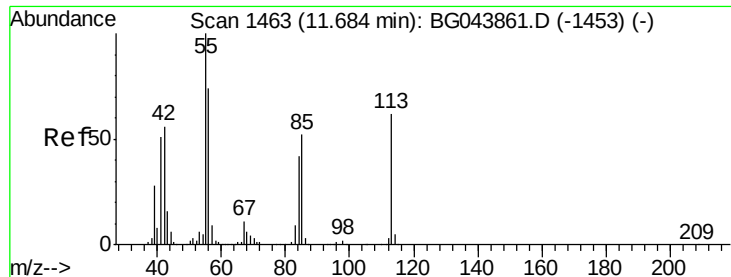
Tgt Ion:	127	Resp:	162396
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.6	40.0
65	27.9	23.3	34.9
92	17.3	14.7	22.1



#34
Hexachlorobutadiene
Concen: 36.786 ng
RT: 11.08 min Scan# 1359
Delta R.T. -0.04 min
Lab File: BG044187.D
Acq: 24 Jan 2020 18:25

Tgt Ion:	225	Resp:	126989
Ion	Ratio	Lower	Upper
225	100		
223	65.1	52.2	78.4
227	64.4	52.1	78.1





#35

Caprolactam

Concen: 33.995 ng

RT: 11.65 min Scan# 1457

Delta R.T. -0.03 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

Instrument :

BNA_G

ClientSampleId :

PB126325BS

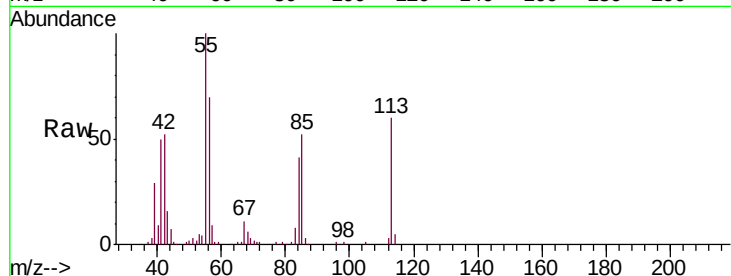
Tgt Ion:113 Resp: 63816

Ion Ratio Lower Upper

113 100

55 167.3 142.5 182.5

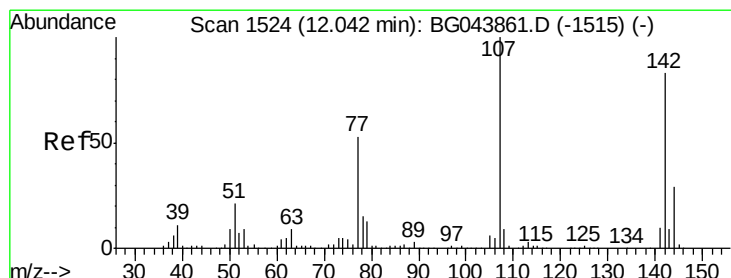
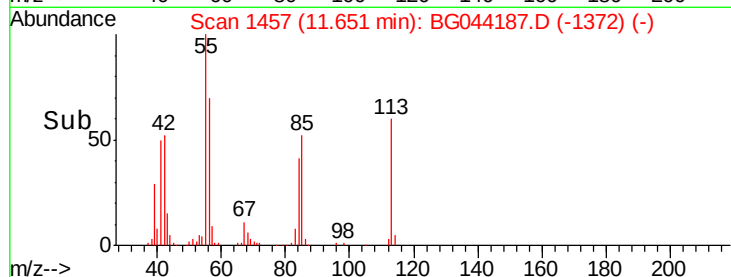
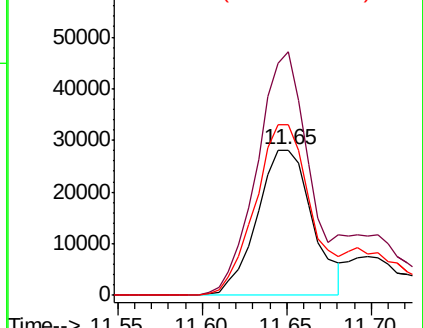
56 117.0 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 46.459 ng

RT: 12.02 min Scan# 1519

Delta R.T. -0.03 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

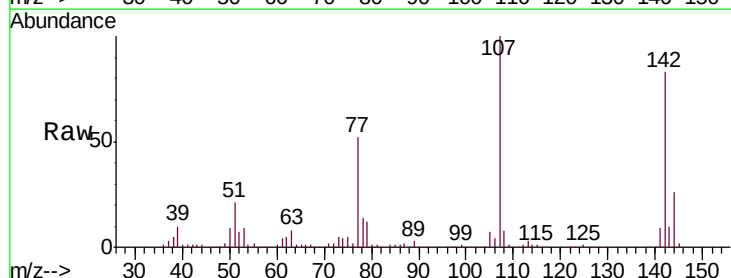
Tgt Ion:107 Resp: 249399

Ion Ratio Lower Upper

107 100

144 26.0 23.4 35.2

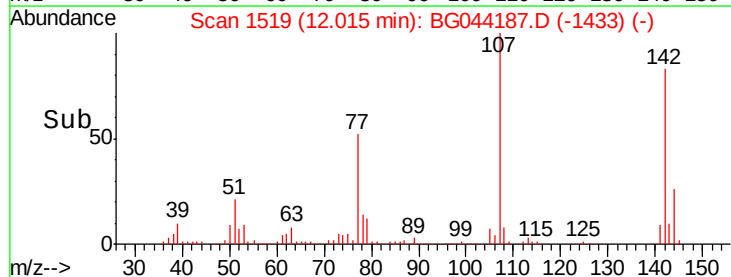
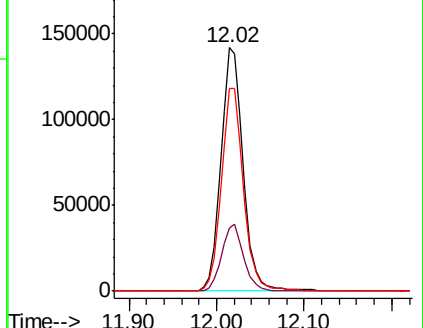
142 83.2 66.3 99.5

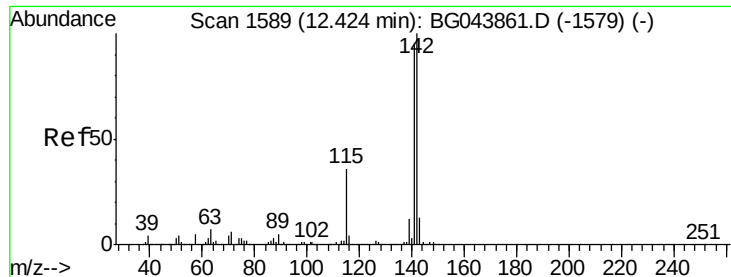


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

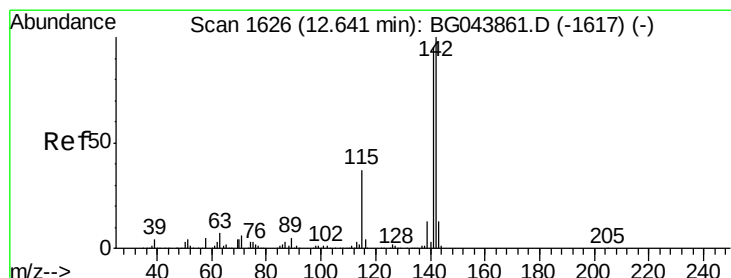
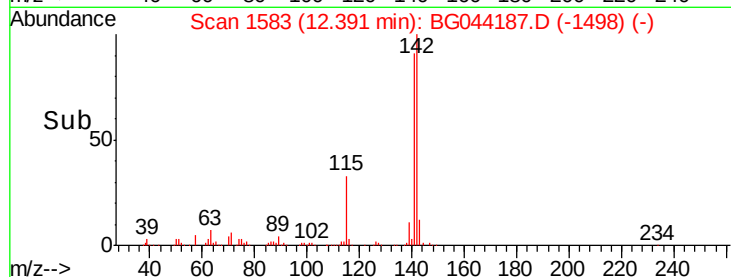
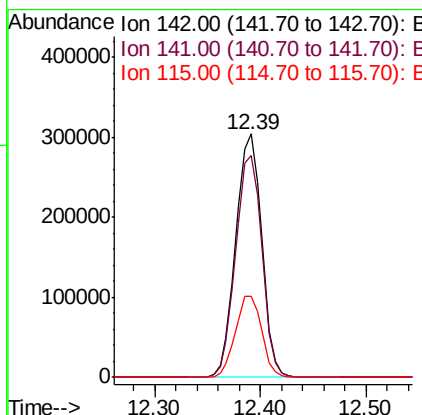
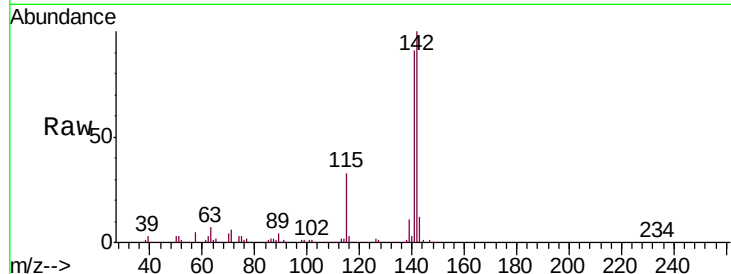




#37
 2-Methylnaphthalene
 Concen: 44.112 ng
 RT: 12.39 min Scan# 1583
 Delta R.T. -0.03 min
 Lab File: BG044187.D
 Acq: 24 Jan 2020 18:25

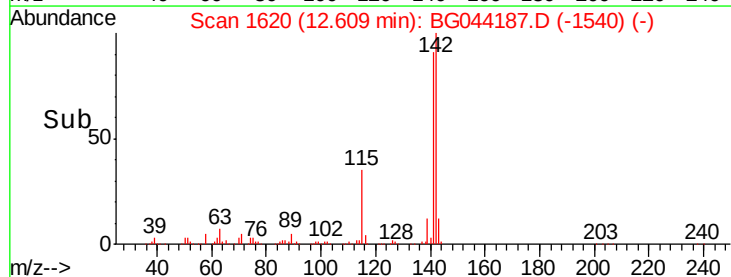
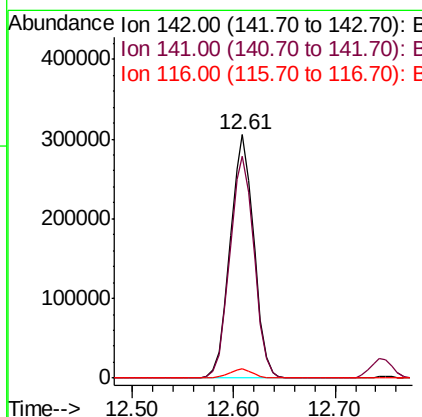
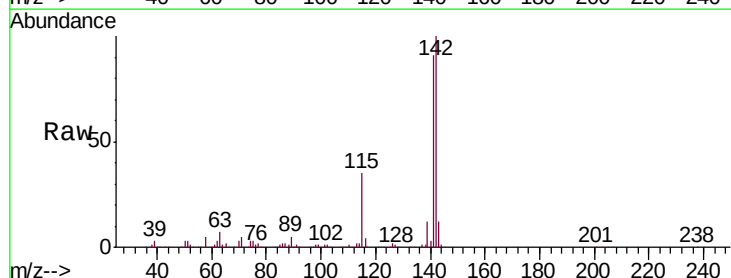
Instrument :
 BNA_G
 ClientSampleId :
 PB126325BS

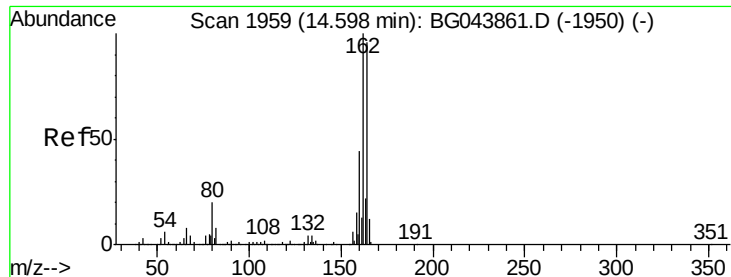
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	75.8	113.8
115	33.1	28.6	42.8



#38
 1-Methylnaphthalene
 Concen: 44.536 ng
 RT: 12.61 min Scan# 1620
 Delta R.T. -0.03 min
 Lab File: BG044187.D
 Acq: 24 Jan 2020 18:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	76.0	114.0
116	4.0	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1953

Delta R.T. -0.03 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

Instrument :

BNA_G

ClientSampleId :

PB126325BS

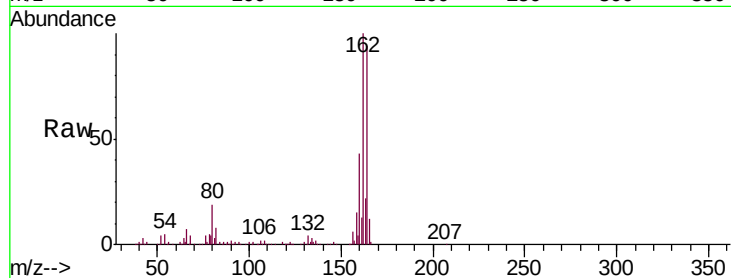
Tgt Ion:164 Resp: 221776

Ion Ratio Lower Upper

164 100

162 106.5 83.0 124.4

160 45.9 36.1 54.1

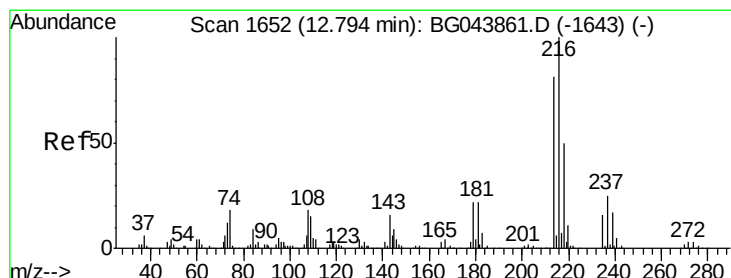
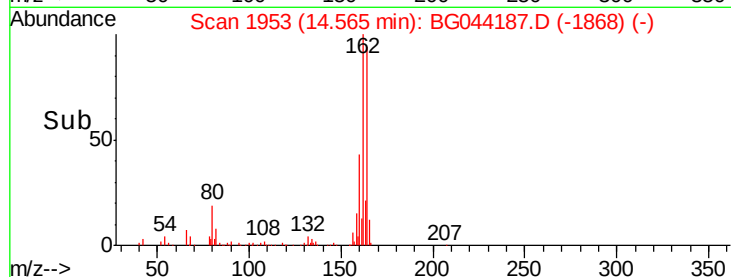
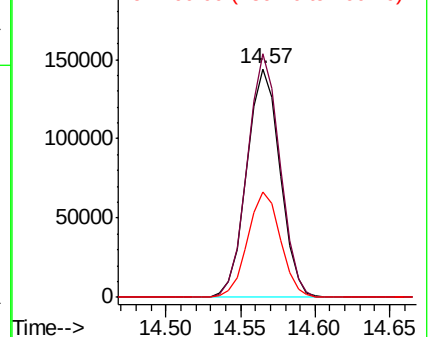


Abundance

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: 37.366 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.03 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

Tgt Ion:216 Resp: 242892

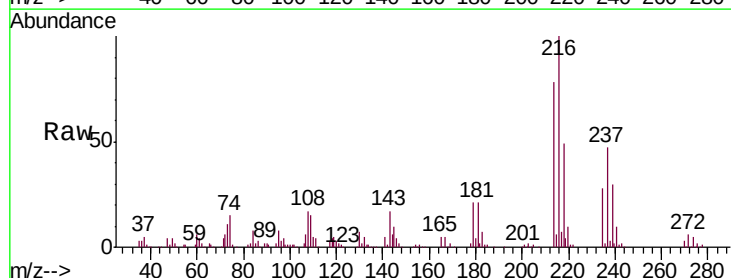
Ion Ratio Lower Upper

216 100

214 78.9 63.8 95.8

179 21.2 17.3 25.9

108 20.4 15.3 22.9



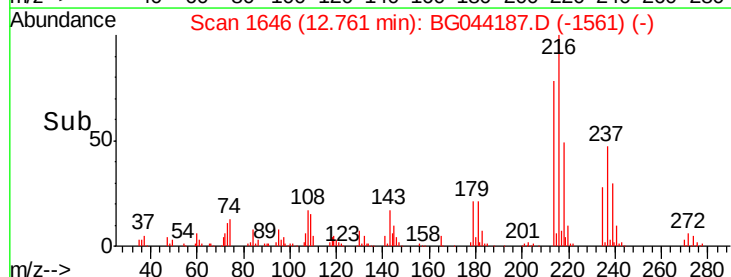
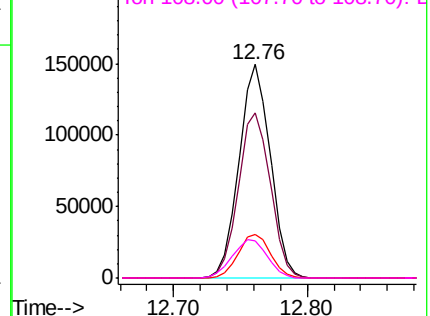
Abundance

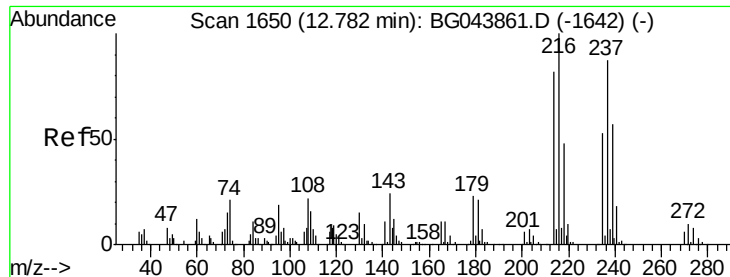
Ion 216.00 (215.70 to 216.70): E

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

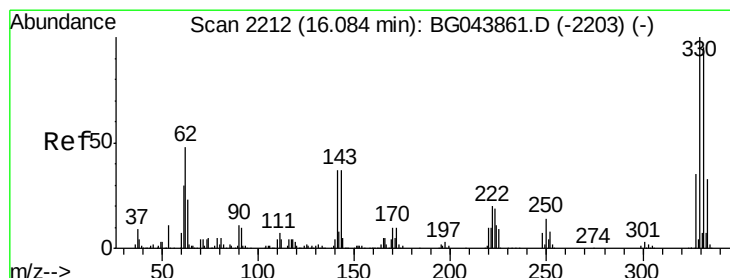
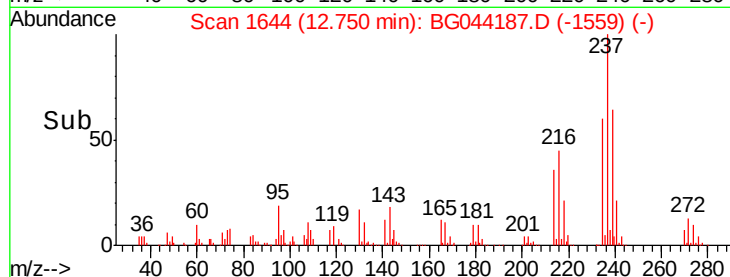
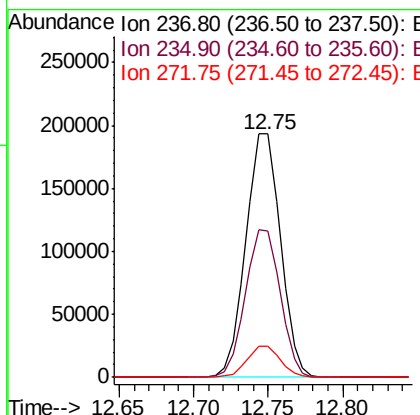
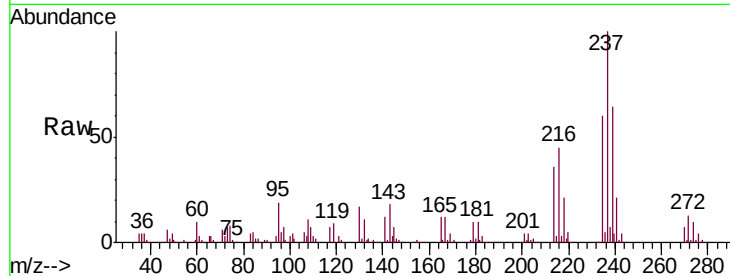




#41
Hexachlorocyclopentadiene
Concen: 92.403 ng
RT: 12.75 min Scan# 1644
Delta R.T. -0.03 min
Lab File: BG044187.D
Acq: 24 Jan 2020 18:25

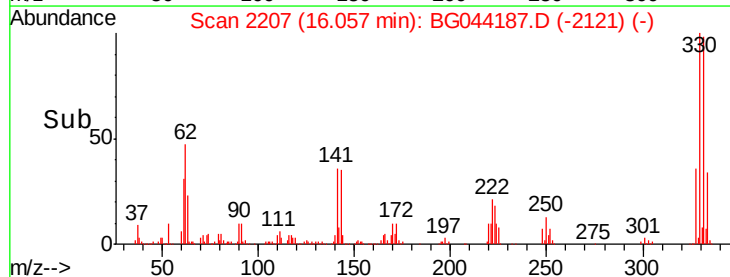
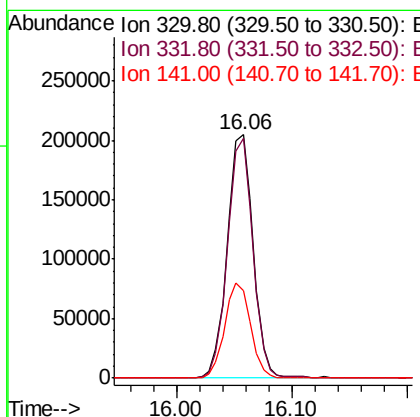
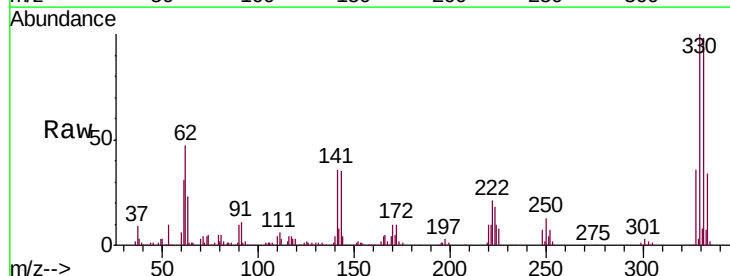
Instrument :
BNA_G
ClientSampleId :
PB126325BS

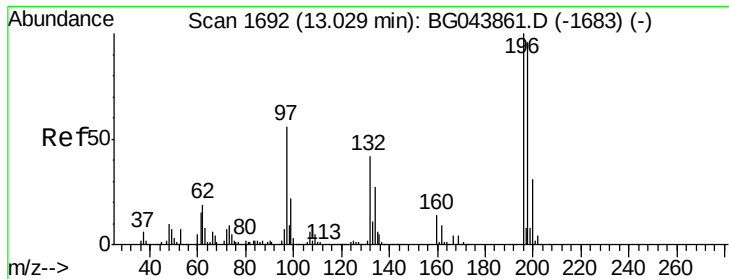
Tgt Ion:	237	Resp:	311397
Ion Ratio	Lower	Upper	
237	100		
235	59.9	41.1	81.1
272	12.7	0.0	31.7



#42
2,4,6-Tribromophenol
Concen: 137.196 ng
RT: 16.06 min Scan# 2207
Delta R.T. -0.03 min
Lab File: BG044187.D
Acq: 24 Jan 2020 18:25

Tgt Ion:	330	Resp:	318409
Ion Ratio	Lower	Upper	
330	100		
332	96.9	77.2	115.8
141	39.3	33.1	49.7





#43

2,4,6-Trichlorophenol

Concen: 40.808 ng

RT: 13.00 min Scan# 1687

Delta R.T. -0.03 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

Instrument :

BNA_G

ClientSampleId :

PB126325BS

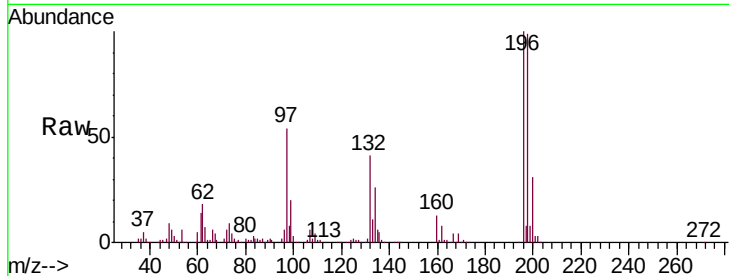
Tgt Ion:196 Resp: 182523

Ion Ratio Lower Upper

196 100

198 99.5 76.6 115.0

200 31.3 24.6 37.0

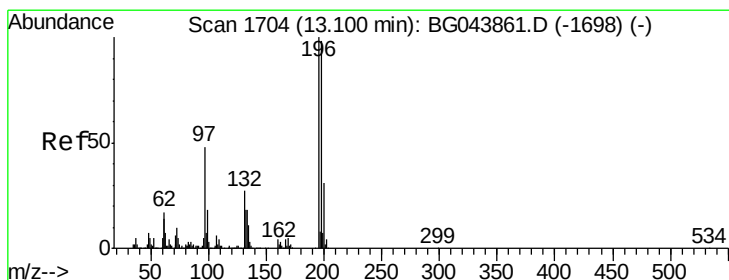
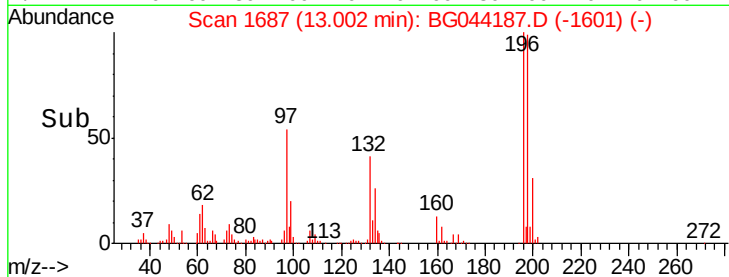
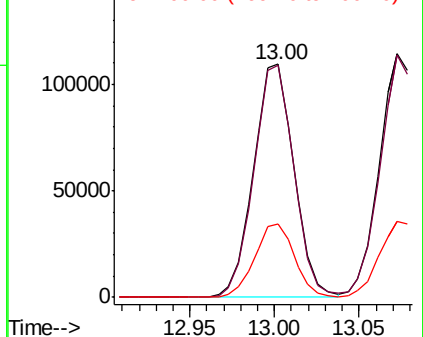


Abundance

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: 42.947 ng

RT: 13.07 min Scan# 1699

Delta R.T. -0.03 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

Tgt Ion:196 Resp: 198116

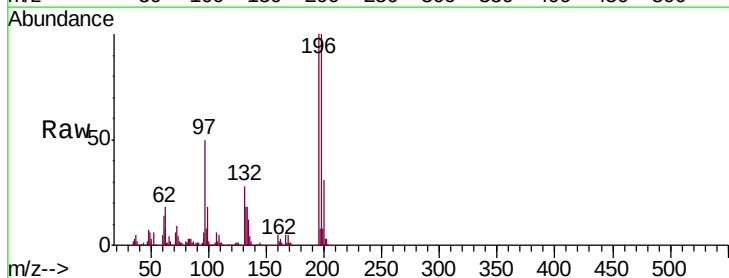
Ion Ratio Lower Upper

196 100

198 99.8 78.3 117.5

97 49.7 38.8 58.2

132 28.3 21.3 31.9



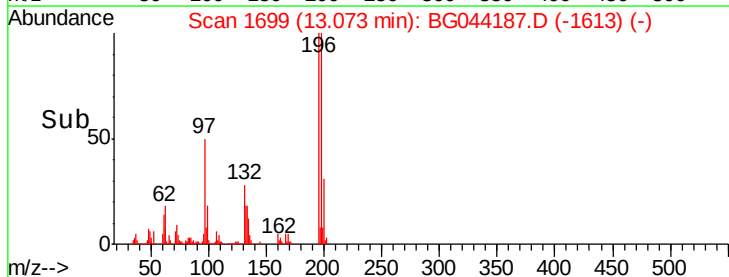
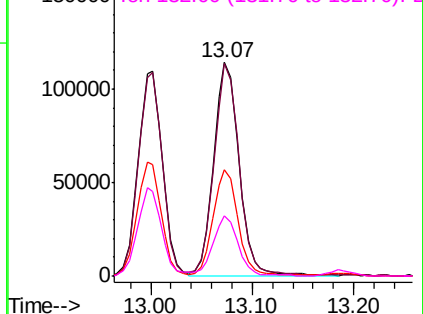
Abundance

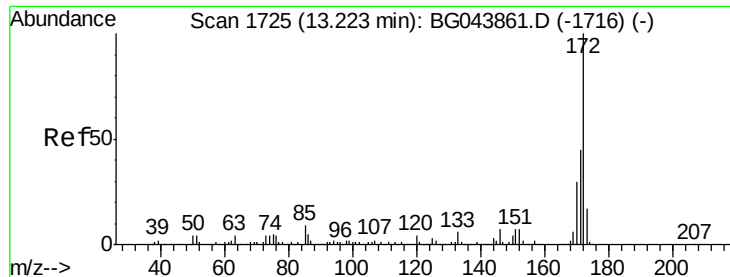
Ion 196.00 (195.70 to 196.70): E

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

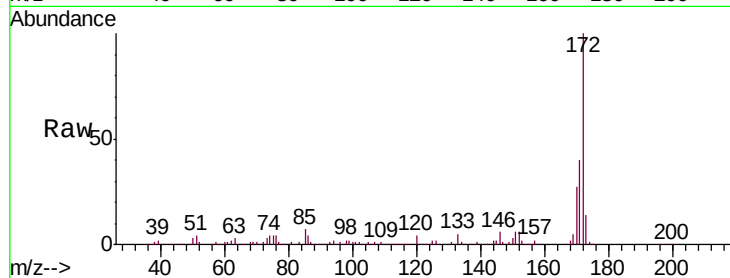




#45
 2-Fluorobiphenyl
 Concen: 79.437 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.03 min
 Lab File: BG044187.D
 Acq: 24 Jan 2020 18:25

Instrument :
 BNA_G
 ClientSampleId :
 PB126325BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.6	35.8	53.8
170	26.8	24.2	36.4

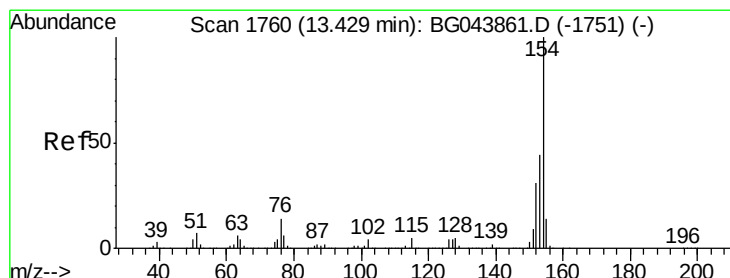
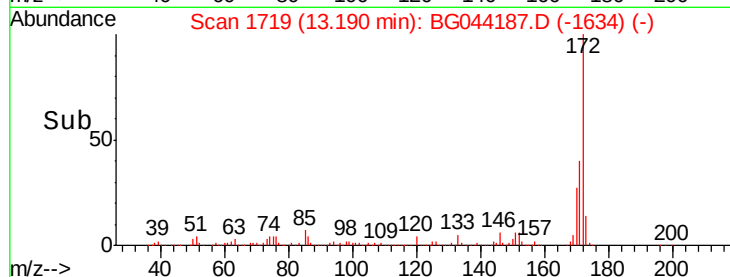
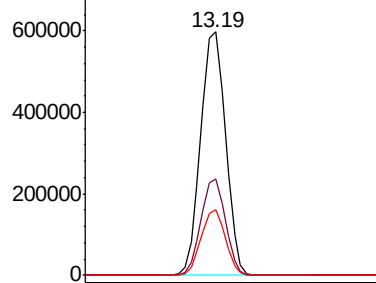


Abundance

Ion 172.00 (171.70 to 172.70): E

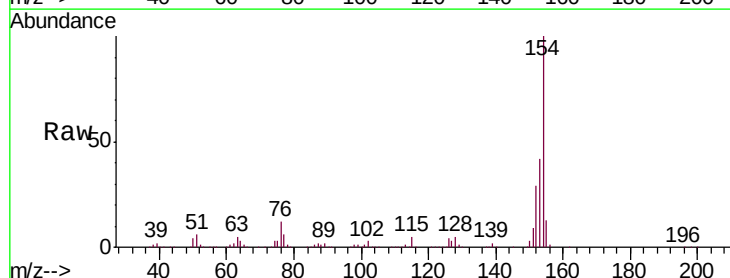
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
 1,1'-Biphenyl
 Concen: 40.983 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.03 min
 Lab File: BG044187.D
 Acq: 24 Jan 2020 18:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	23.6	63.6
76	12.5	0.0	34.4

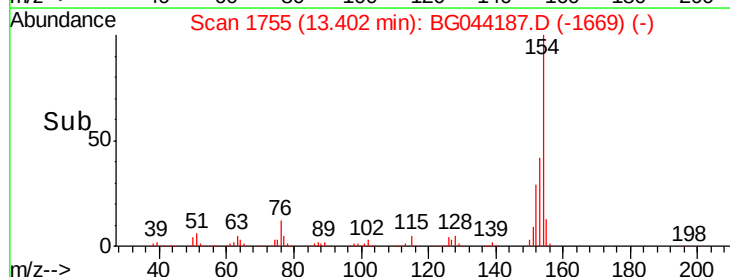
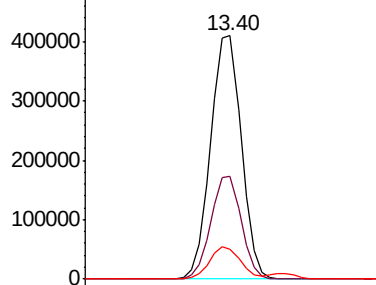


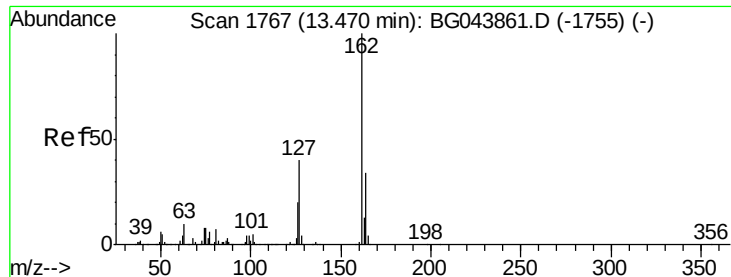
Abundance

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

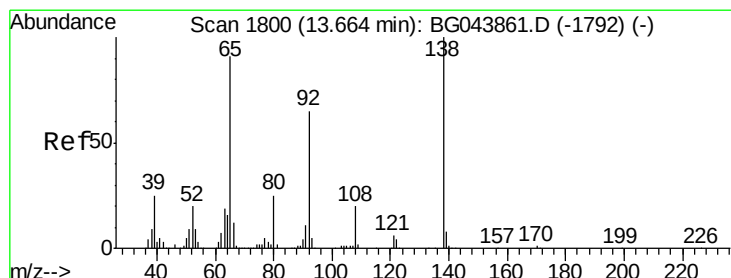
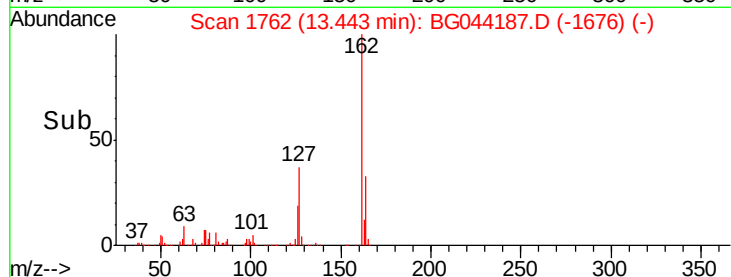
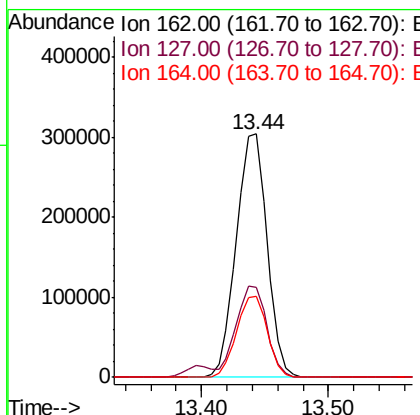
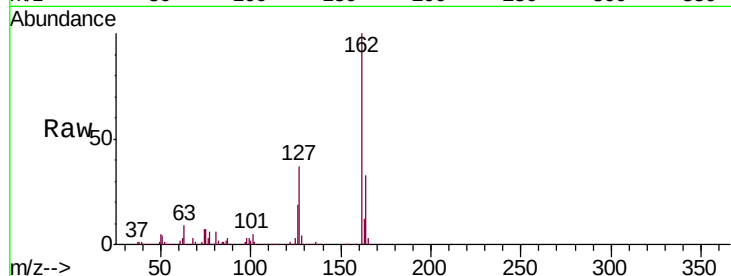




#47
 2-Chloronaphthalene
 Concen: 39.880 ng
 RT: 13.44 min Scan# 1762
 Delta R.T. -0.03 min
 Lab File: BG044187.D
 Acq: 24 Jan 2020 18:25

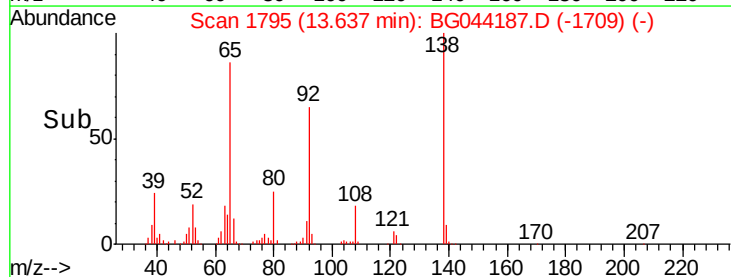
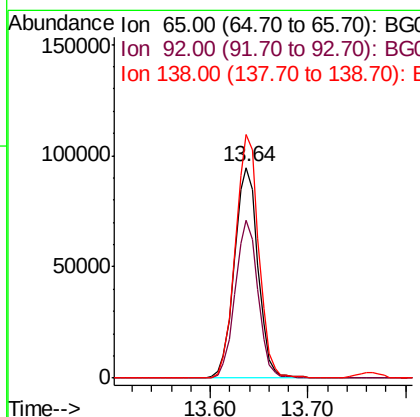
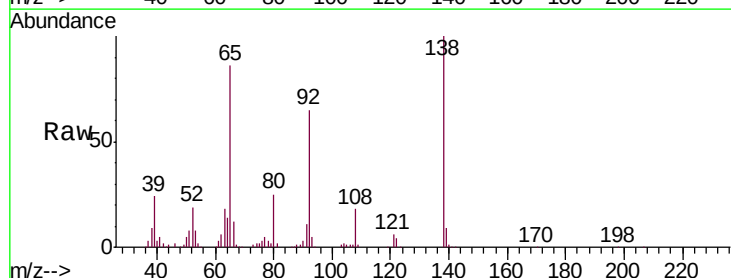
Instrument :
 BNA_G
 ClientSampleId :
 PB126325BS

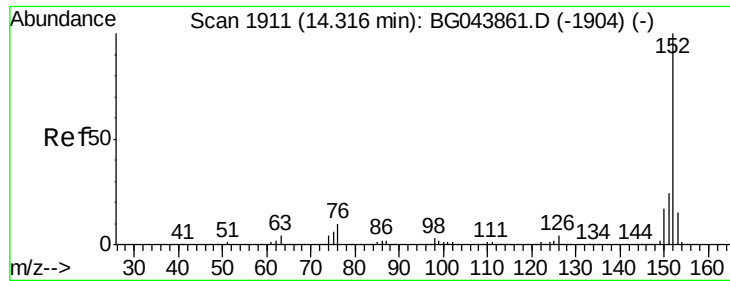
Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.1	32.1	48.1
164	33.4	27.5	41.3



#48
 2-Nitroaniline
 Concen: 38.514 ng
 RT: 13.64 min Scan# 1795
 Delta R.T. -0.03 min
 Lab File: BG044187.D
 Acq: 24 Jan 2020 18:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.8	57.4	86.2
138	115.7	88.2	132.4





#49

Acenaphthylene

Concen: 44.741 ng

RT: 14.29 min Scan# 1906

Delta R.T. -0.03 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

Instrument :

BNA_G

ClientSampleId :

PB126325BS

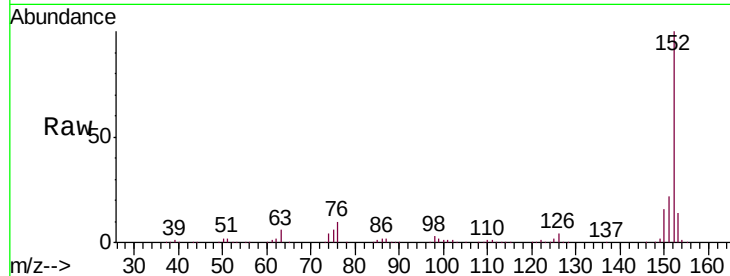
Tgt Ion:152 Resp: 826276

Ion Ratio Lower Upper

152 100

151 22.1 19.4 29.2

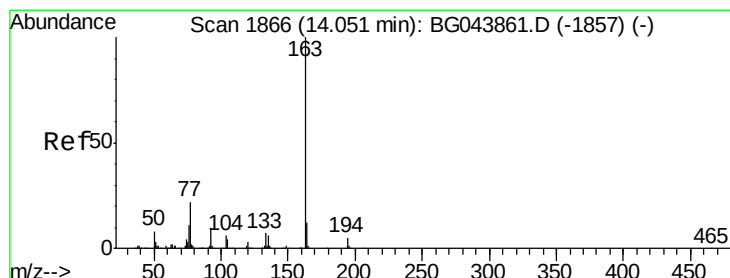
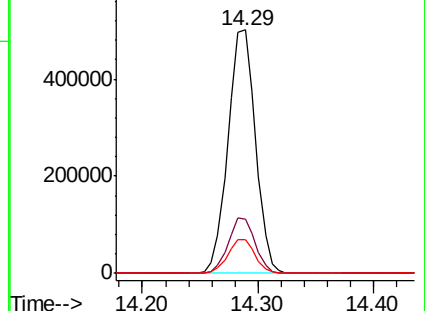
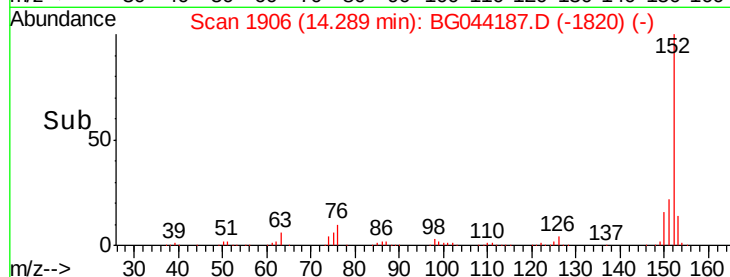
153 14.0 12.0 18.0



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: 41.874 ng

RT: 14.02 min Scan# 1860

Delta R.T. -0.03 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

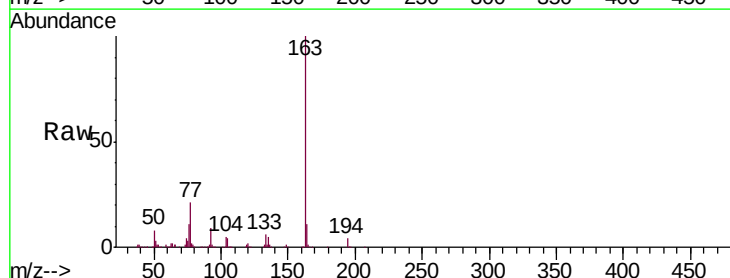
Tgt Ion:163 Resp: 659389

Ion Ratio Lower Upper

163 100

194 4.3 3.7 5.5

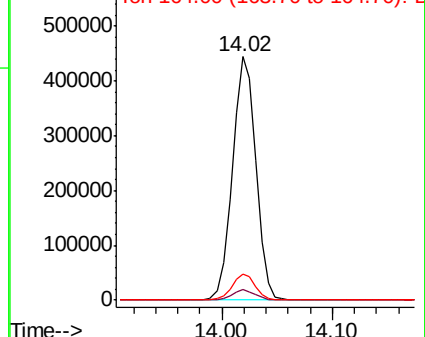
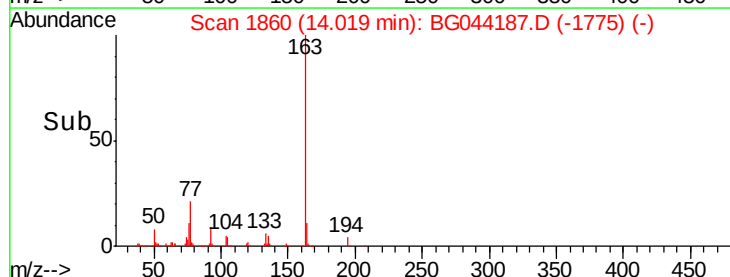
164 10.7 9.3 13.9

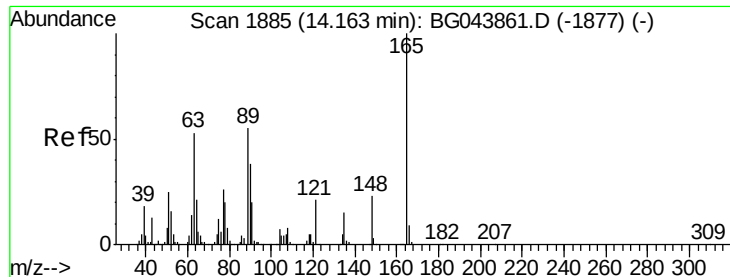


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

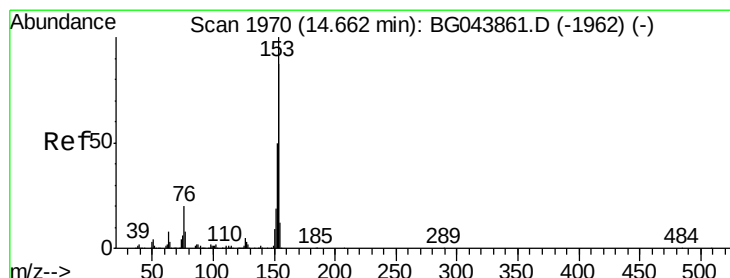
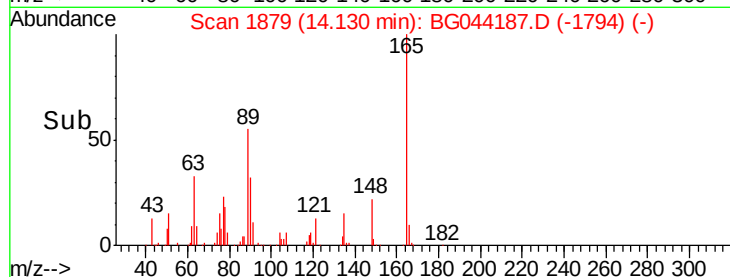
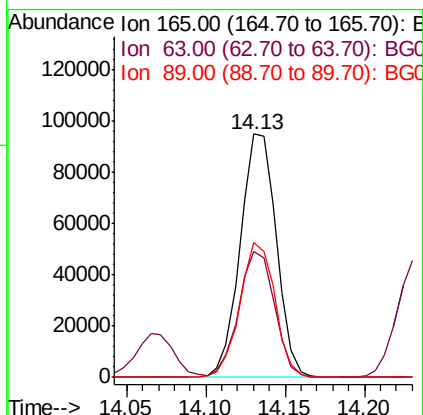
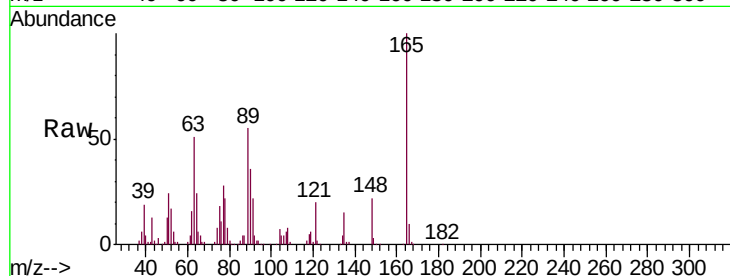




#51
 2,6-Dinitrotoluene
 Concen: 42.383 ng
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.03 min
 Lab File: BG044187.D
 Acq: 24 Jan 2020 18:25

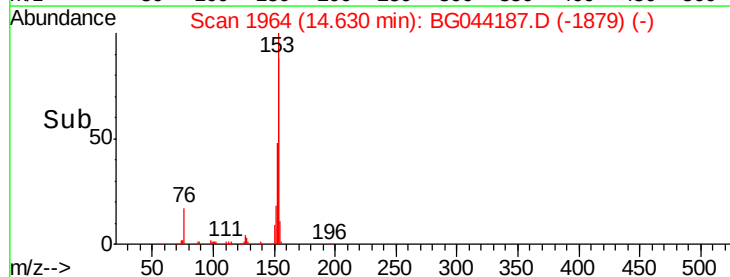
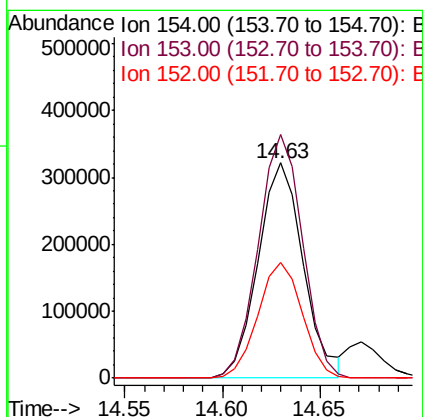
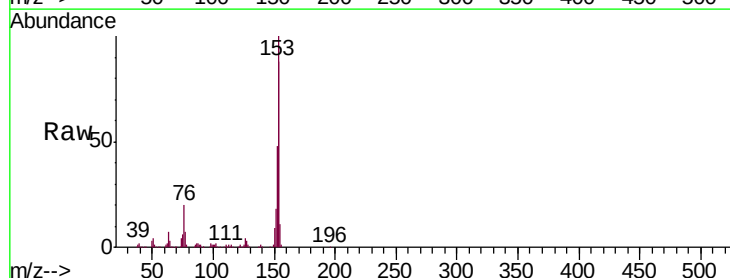
Instrument :
 BNA_G
 ClientSampleId :
 PB126325BS

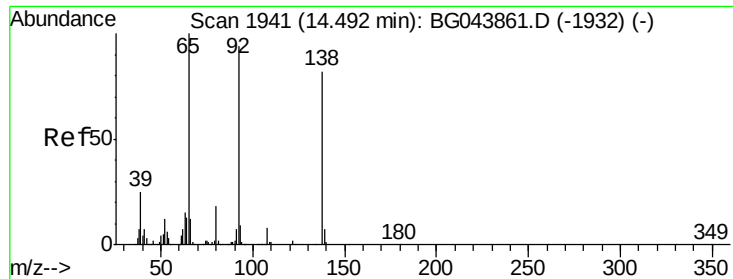
Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.5	43.1	64.7
89	55.3	43.8	65.6



#52
 Acenaphthene
 Concen: 39.848 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.03 min
 Lab File: BG044187.D
 Acq: 24 Jan 2020 18:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.2	91.6	137.4
152	54.0	45.4	68.0





#53

3-Nitroaniline

Concen: 26.796 ng

RT: 14.47 min Scan# 1936

Delta R.T. -0.03 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

Instrument :

BNA_G

ClientSampleId :

PB126325BS

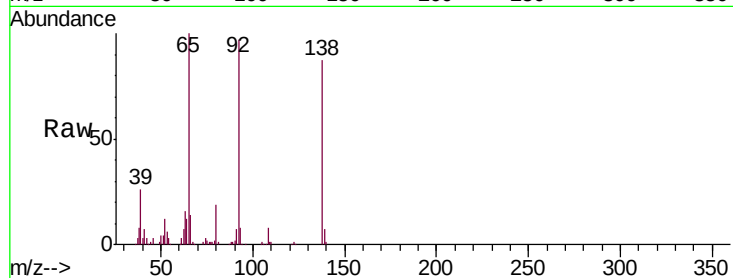
Tgt Ion:138 Resp: 108303

Ion Ratio Lower Upper

138 100

108 9.1 7.4 11.2

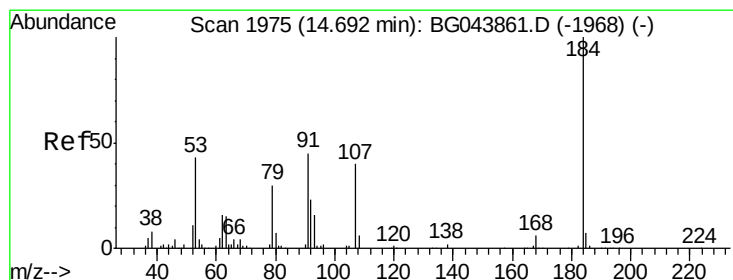
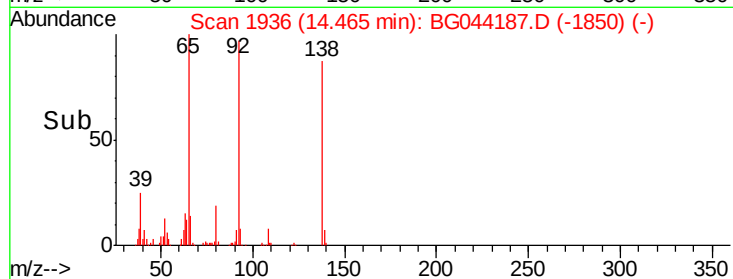
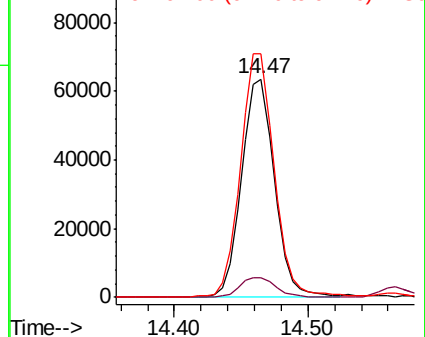
92 111.5 92.1 138.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 80.781 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.02 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

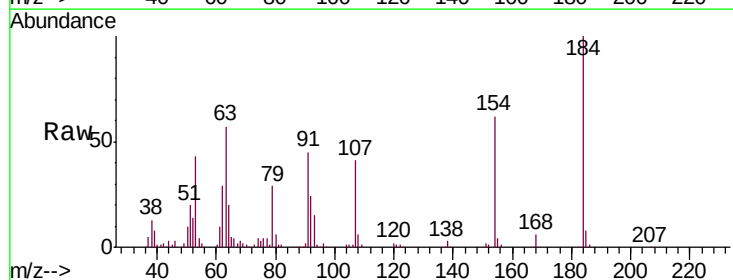
Tgt Ion:184 Resp: 146579

Ion Ratio Lower Upper

184 100

63 57.4 46.6 70.0

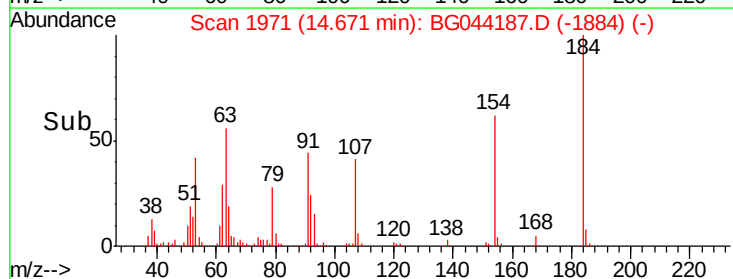
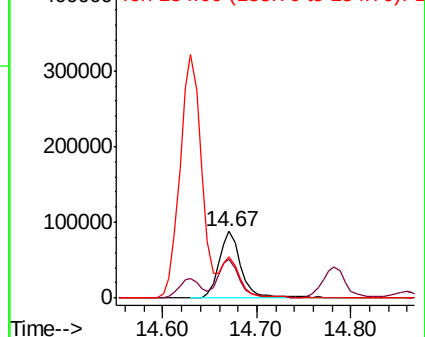
154 62.1 50.2 75.4

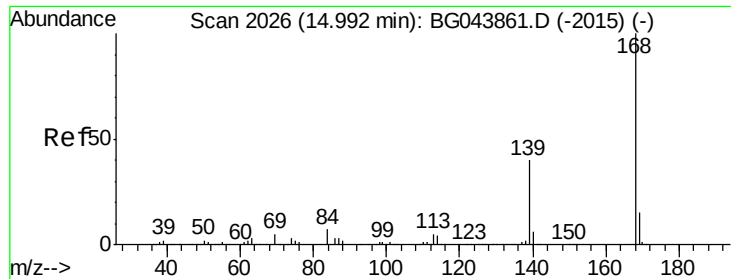


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

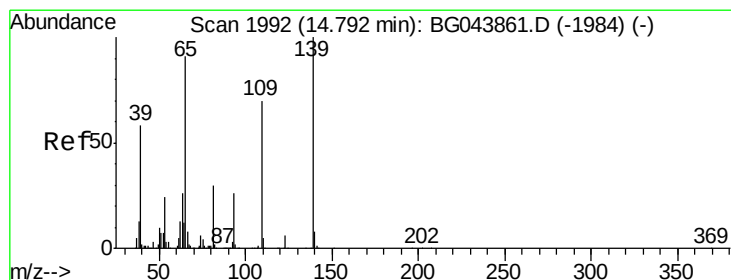
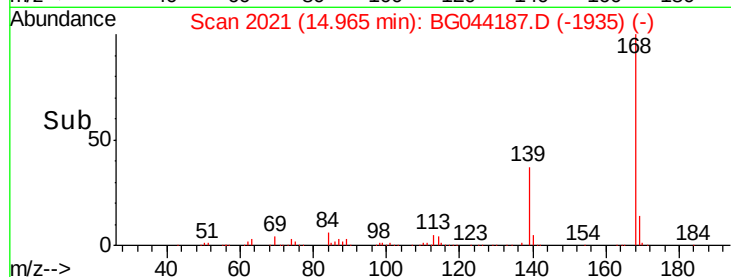
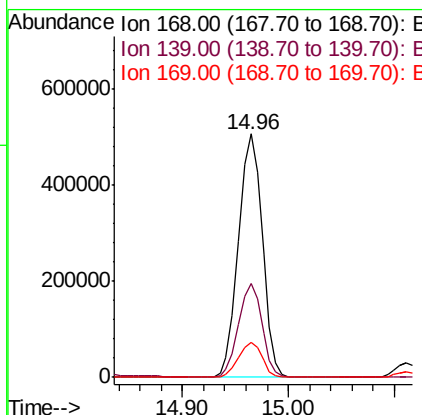
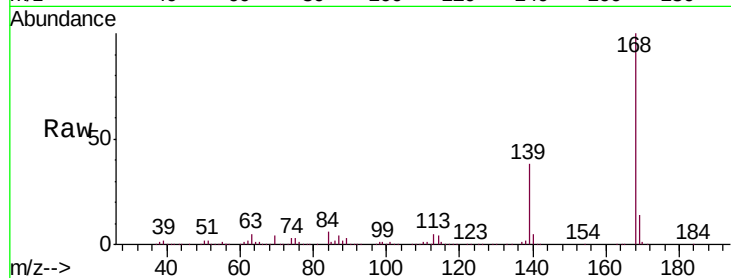




#55
Dibenzofuran
Concen: 44.435 ng
RT: 14.96 min Scan# 2021
Delta R.T. -0.03 min
Lab File: BG044187.D
Acq: 24 Jan 2020 18:25

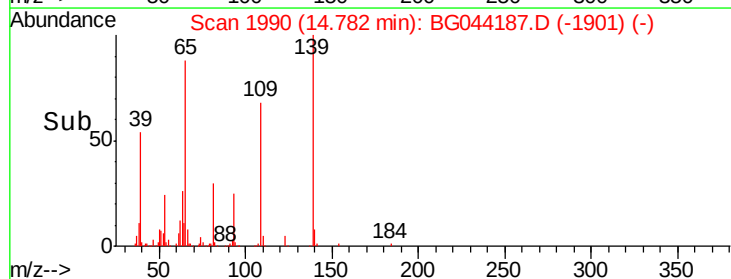
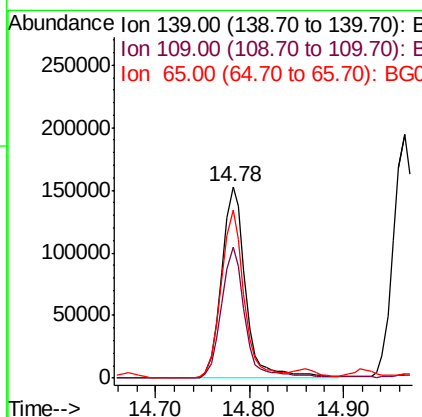
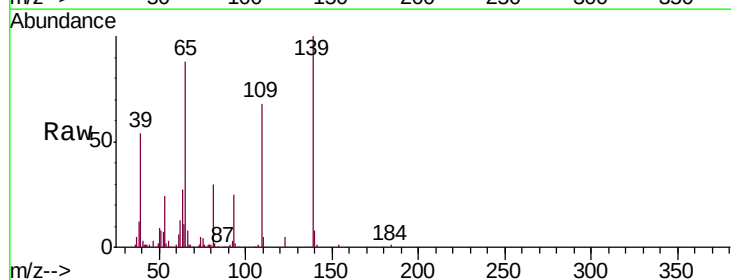
Instrument :
BNA_G
ClientSampleId :
PB126325BS

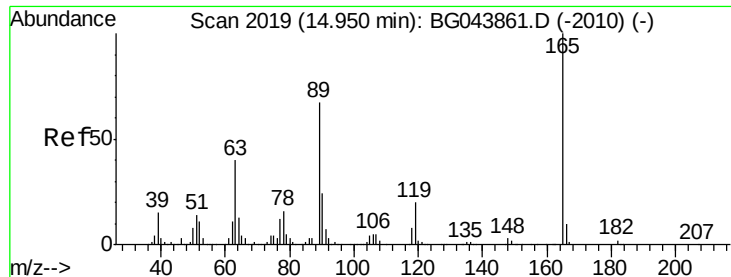
Tgt Ion:168 Resp: 792228
Ion Ratio Lower Upper
168 100
139 38.4 32.2 48.2
169 14.2 12.2 18.2



#56
4-Nitrophenol
Concen: 88.488 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG044187.D
Acq: 24 Jan 2020 18:25

Tgt Ion:139 Resp: 274068
Ion Ratio Lower Upper
139 100
109 68.3 50.4 90.4
65 87.9 71.4 111.4

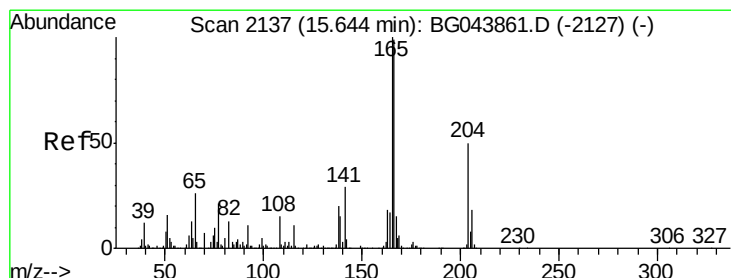
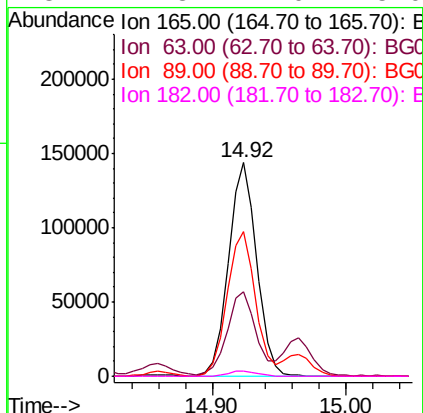
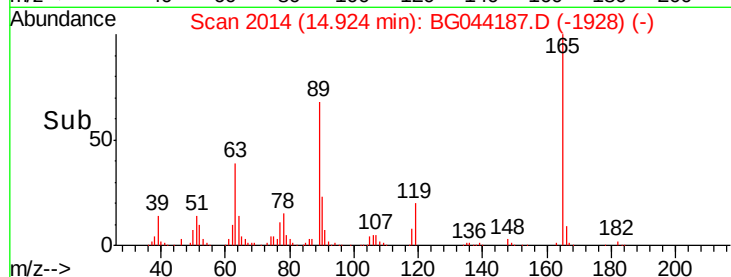
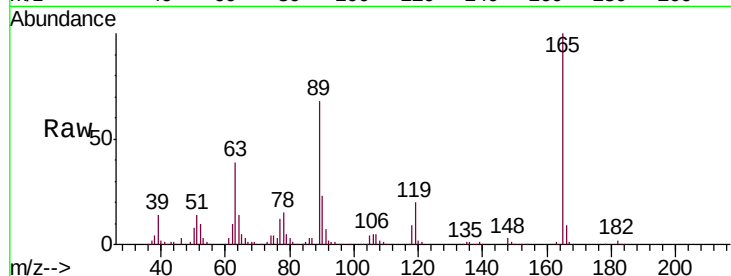




#57
2,4-Dinitrotoluene
Concen: 43.640 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.03 min
Lab File: BG044187.D
Acq: 24 Jan 2020 18:25

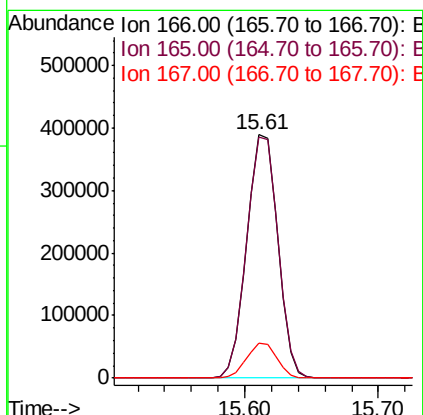
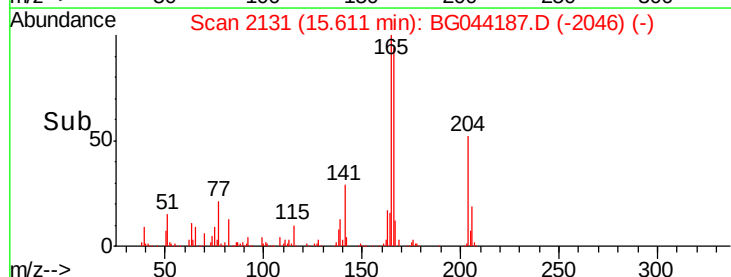
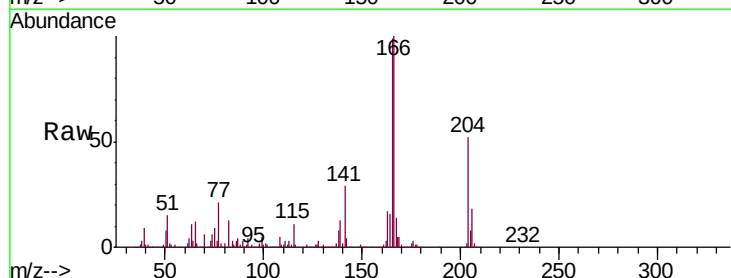
Instrument :
BNA_G
ClientSampleId :
PB126325BS

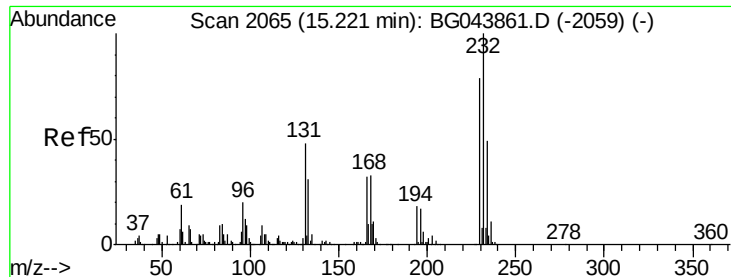
Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.3	31.9	47.9
89	67.8	53.8	80.6
182	2.3	2.0	3.0



#58
Fluorene
Concen: 44.033 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.03 min
Lab File: BG044187.D
Acq: 24 Jan 2020 18:25

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	80.8	121.2
167	14.2	12.1	18.1

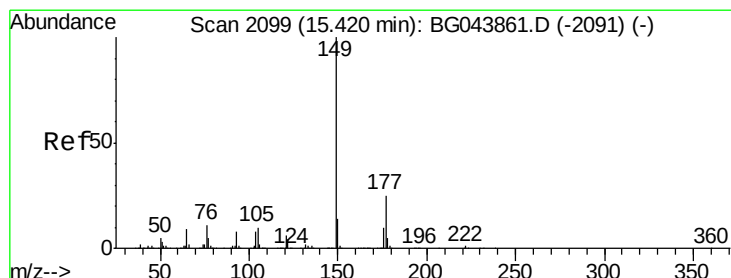
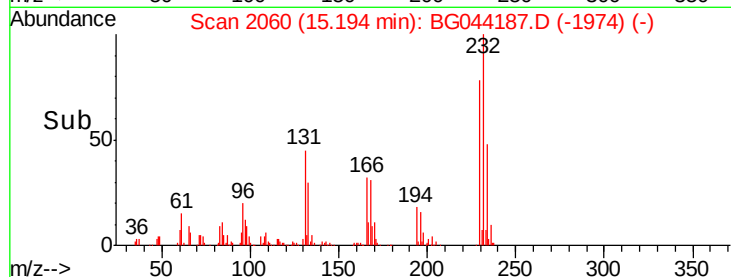
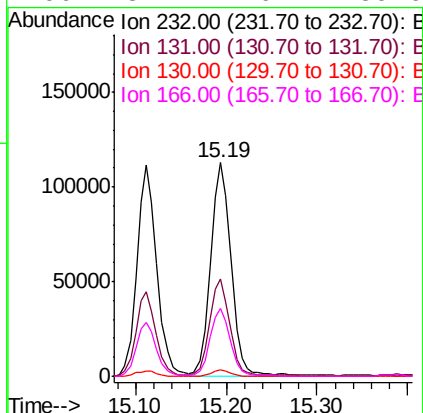
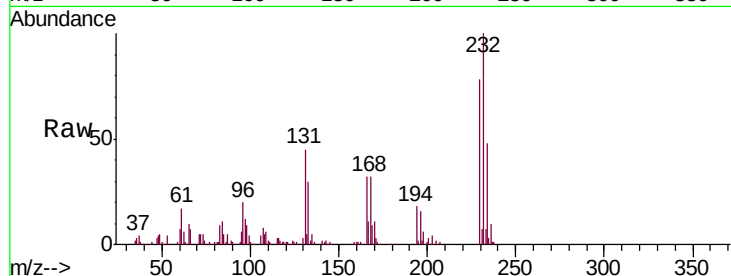




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.661 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. -0.03 min
 Lab File: BG044187.D
 Acq: 24 Jan 2020 18:25

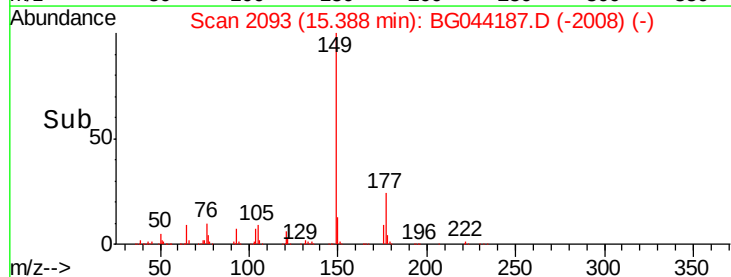
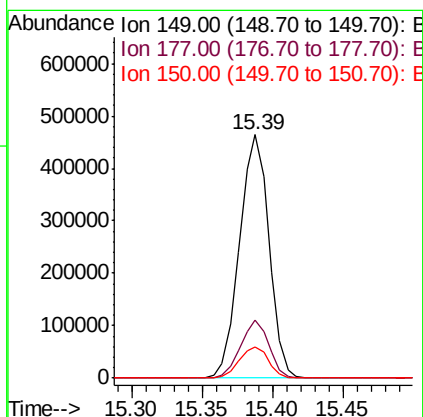
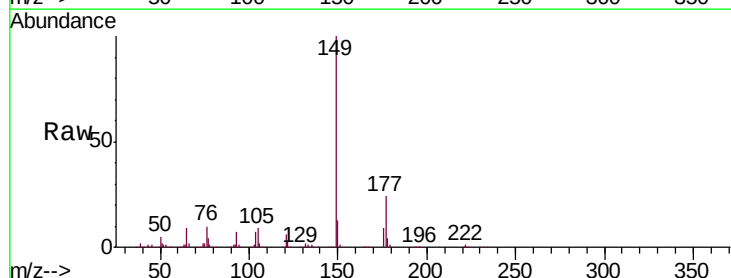
Instrument :
 BNA_G
 ClientSampleId :
 PB126325BS

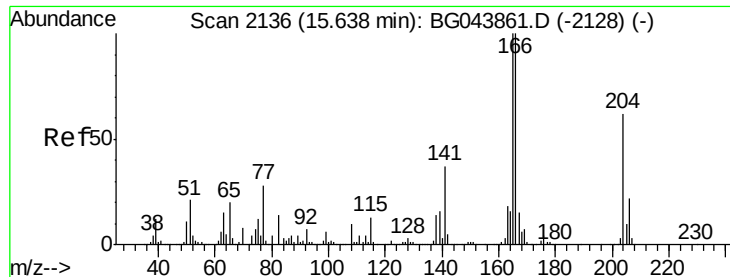
Tgt Ion:	232	Resp:	177157
Ion	Ratio	Lower	Upper
232	100		
131	45.4	38.2	57.2
130	2.7	2.2	3.2
166	31.1	26.4	39.6



#60
 Diethylphthalate
 Concen: 42.858 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. -0.03 min
 Lab File: BG044187.D
 Acq: 24 Jan 2020 18:25

Tgt Ion:	149	Resp:	675013
Ion	Ratio	Lower	Upper
149	100		
177	23.6	20.0	30.0
150	12.8	11.1	16.7

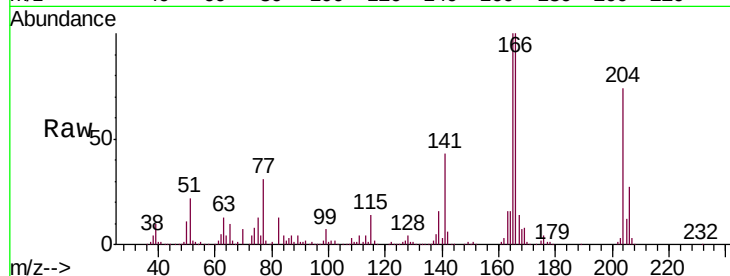




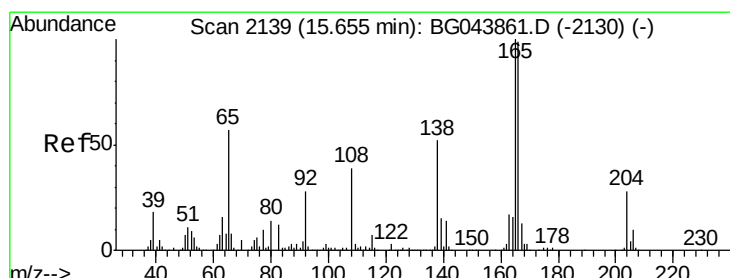
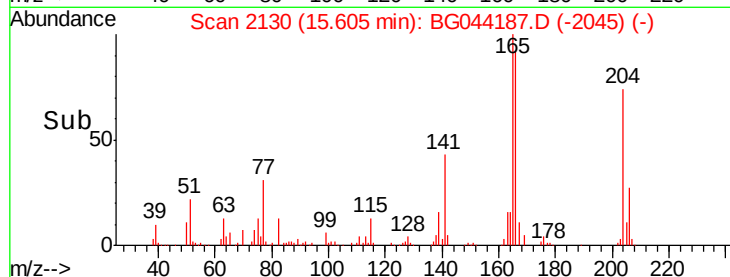
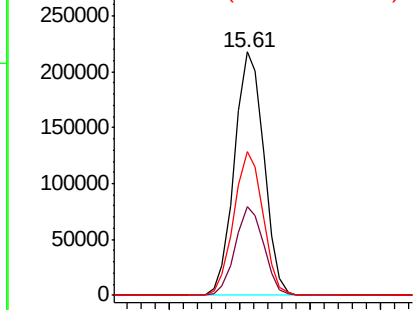
#61
 4-Chlorophenyl-phenylether
 Concen: 41.243 ng
 RT: 15.61 min Scan# 2130
 Delta R.T. -0.03 min
 Lab File: BG044187.D
 Acq: 24 Jan 2020 18:25

Instrument :
 BNA_G
 ClientSampleId :
 PB126325BS

Tgt Ion:204 Resp: 316466
 Ion Ratio Lower Upper
 204 100
 206 36.3 28.2 42.2
 141 58.9 48.2 72.2

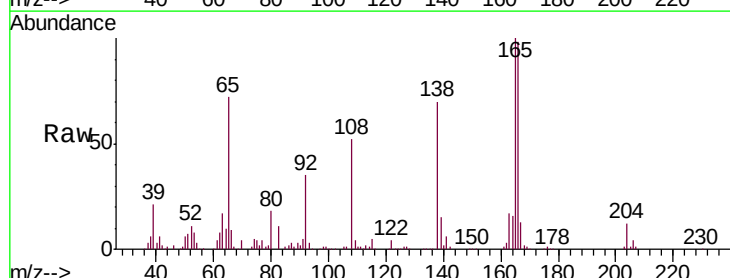


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

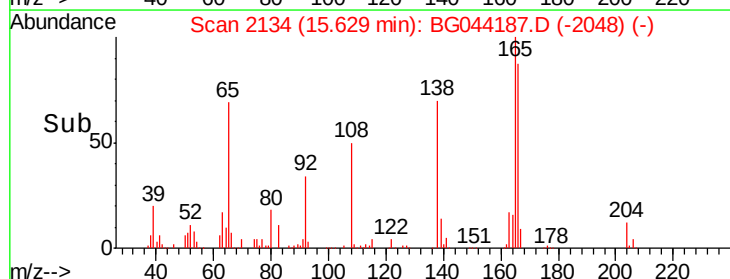
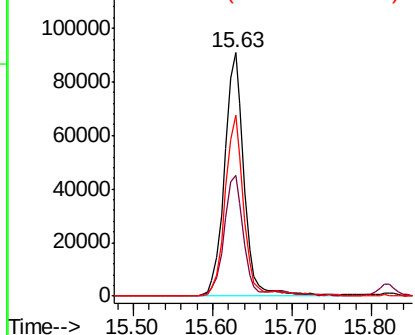


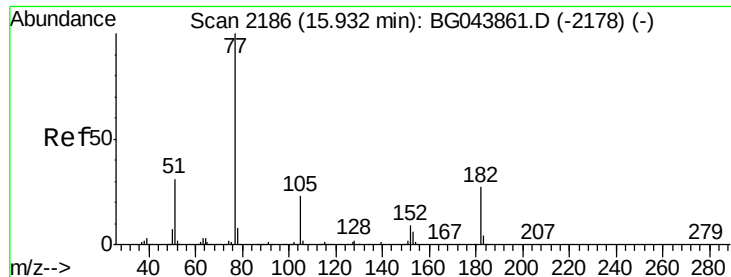
#62
 4-Nitroaniline
 Concen: 38.786 ng
 RT: 15.63 min Scan# 2134
 Delta R.T. -0.03 min
 Lab File: BG044187.D
 Acq: 24 Jan 2020 18:25

Tgt Ion:138 Resp: 154805
 Ion Ratio Lower Upper
 138 100
 92 49.7 34.3 74.3
 108 74.2 55.0 95.0



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: 43.397 ng

RT: 15.90 min Scan# 2180

Delta R.T. -0.03 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

Instrument :

BNA_G

ClientSampleId :

PB126325BS

Tgt Ion: 77 Resp: 633882

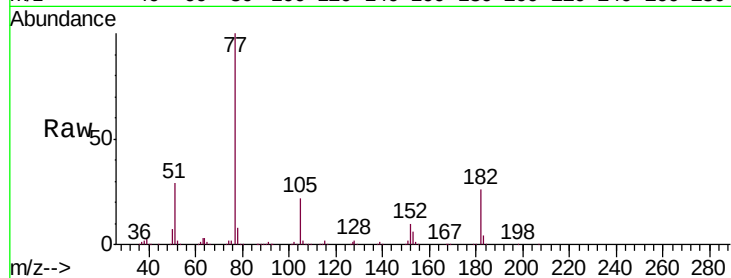
Ion Ratio Lower Upper

77 100

182 26.5 7.3 47.3

105 22.0 3.2 43.2

51 28.9 10.6 50.6

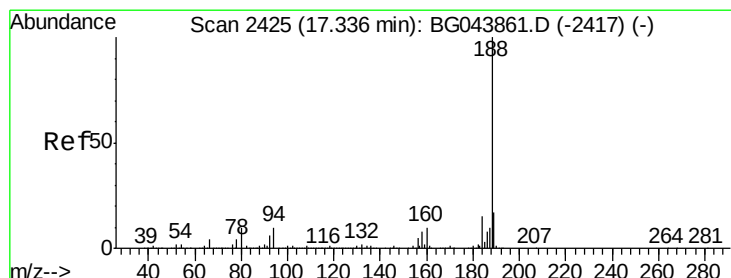
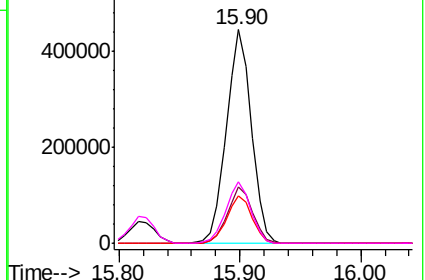
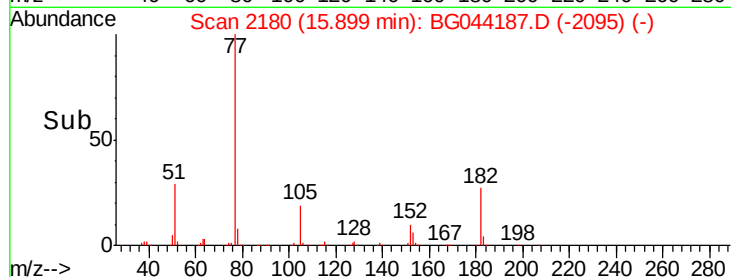


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.31 min Scan# 2420

Delta R.T. -0.03 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

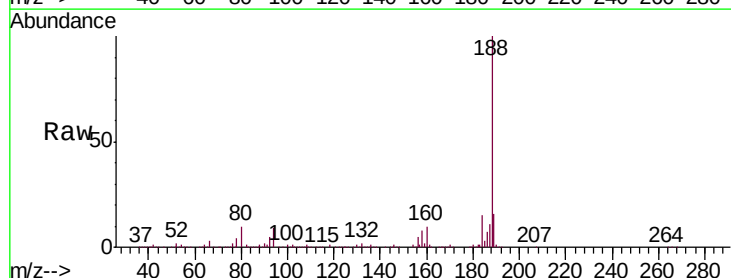
Tgt Ion: 188 Resp: 481647

Ion Ratio Lower Upper

188 100

94 8.8 7.9 11.9

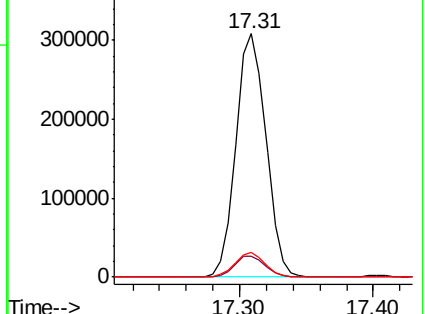
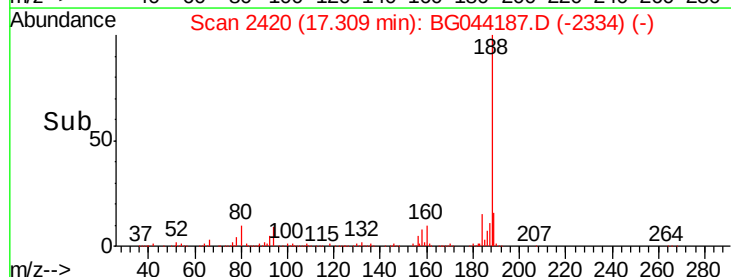
80 10.0 8.2 12.4

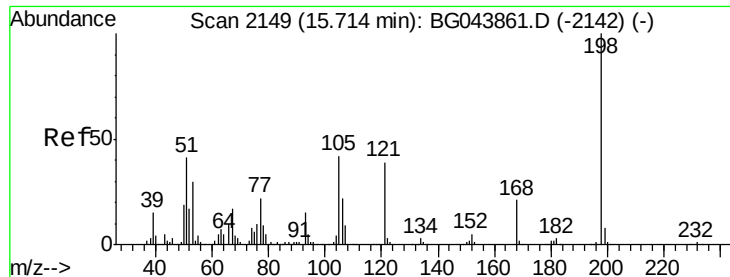


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

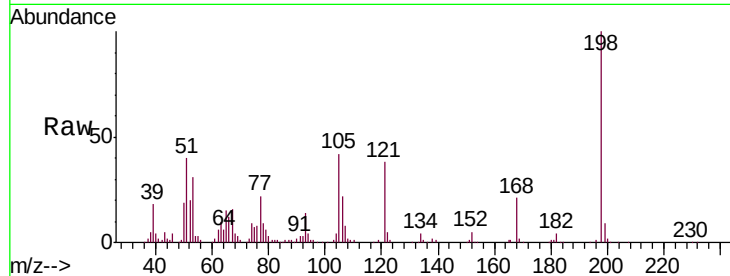




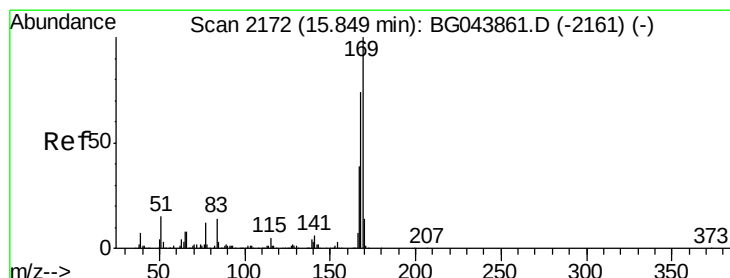
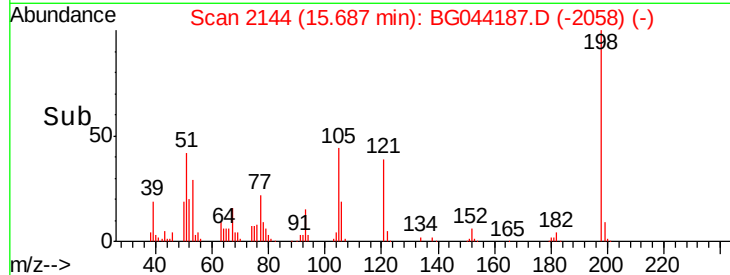
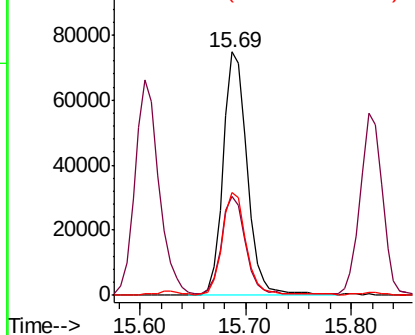
#65
4,6-Dinitro-2-methylphenol
Concen: 47.836 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.03 min
Lab File: BG044187.D
Acq: 24 Jan 2020 18:25

Instrument :
BNA_G
ClientSampleId :
PB126325BS

Tgt Ion:198 Resp: 118668
Ion Ratio Lower Upper
198 100
51 40.5 22.5 62.5
105 42.3 22.3 62.3

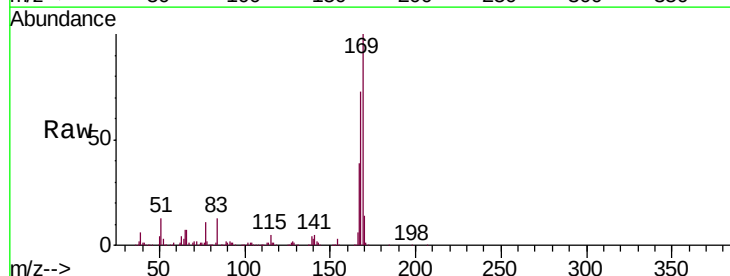


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

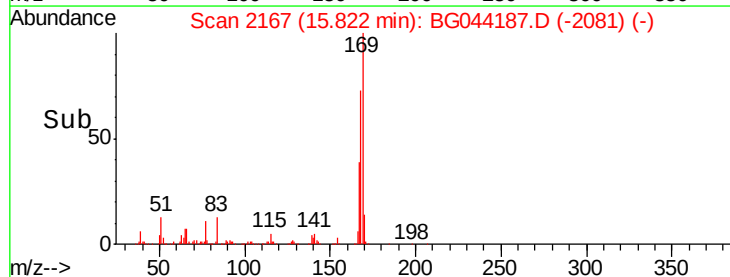
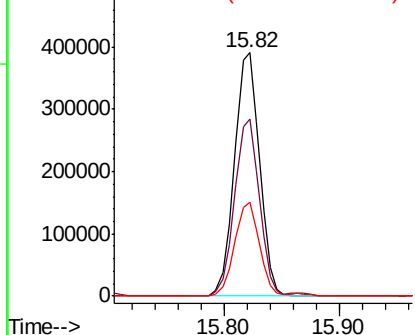


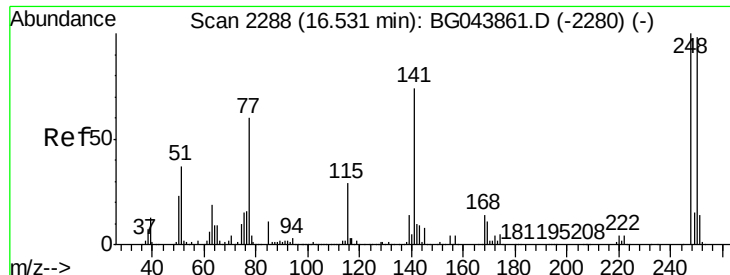
#66
n-Nitrosodiphenylamine
Concen: 41.343 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BG044187.D
Acq: 24 Jan 2020 18:25

Tgt Ion:169 Resp: 586404
Ion Ratio Lower Upper
169 100
168 72.7 59.0 88.6
167 38.8 31.4 47.0



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

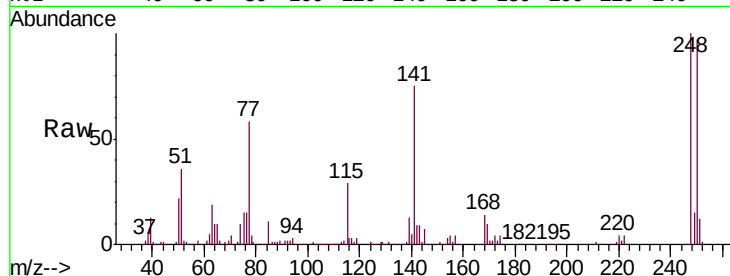




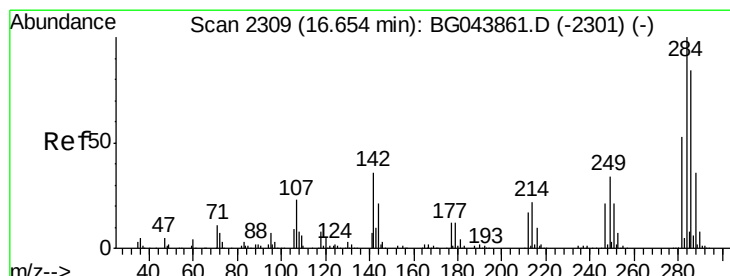
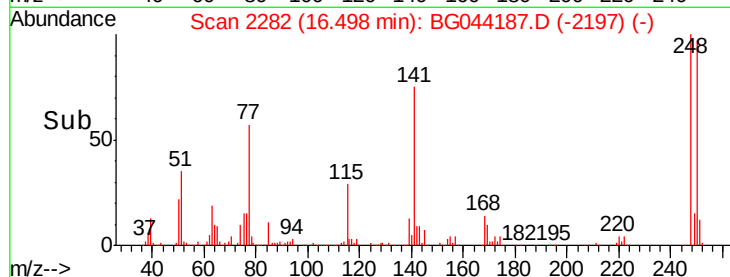
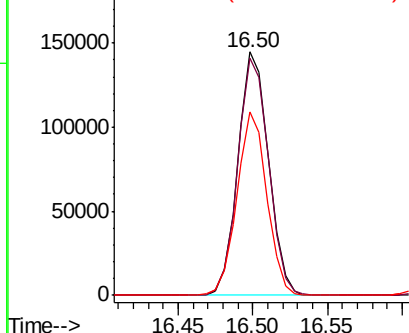
#67
 4-Bromophenyl-phenylether
 Concen: 37.944 ng
 RT: 16.50 min Scan# 2282
 Delta R.T. -0.03 min
 Lab File: BG044187.D
 Acq: 24 Jan 2020 18:25

Instrument :
 BNA_G
 ClientSampleId :
 PB126325BS

Tgt Ion:248 Resp: 205547
 Ion Ratio Lower Upper
 248 100
 250 97.5 78.2 117.2
 141 75.2 59.3 88.9

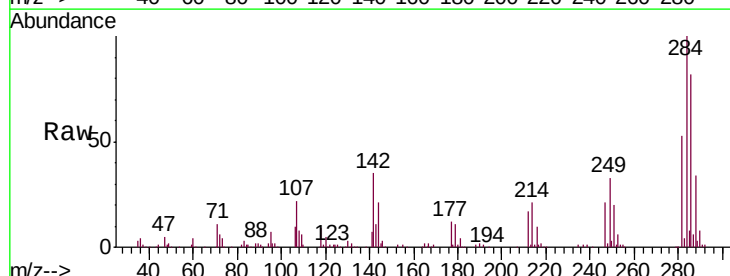


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

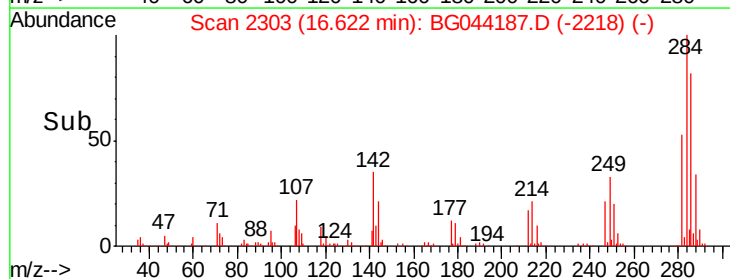
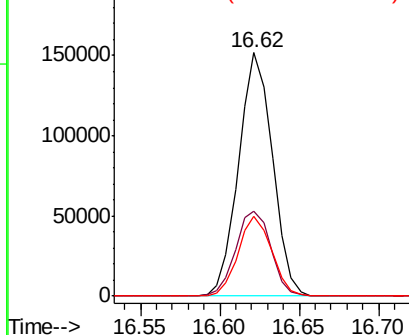


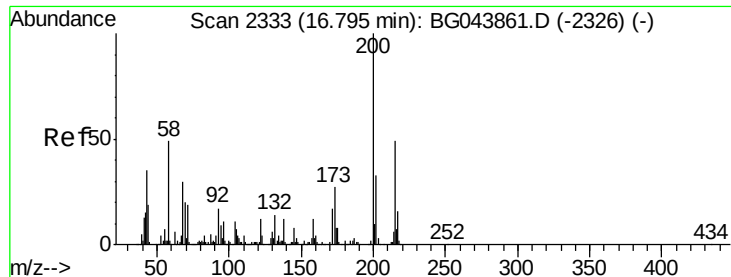
#68
 Hexachlorobenzene
 Concen: 38.584 ng
 RT: 16.62 min Scan# 2303
 Delta R.T. -0.03 min
 Lab File: BG044187.D
 Acq: 24 Jan 2020 18:25

Tgt Ion:284 Resp: 225214
 Ion Ratio Lower Upper
 284 100
 142 34.8 28.6 43.0
 249 32.7 27.0 40.6



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: 46.882 ng

RT: 16.77 min Scan# 2328

Delta R.T. -0.03 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

Instrument :

BNA_G

ClientSampleId :

PB126325BS

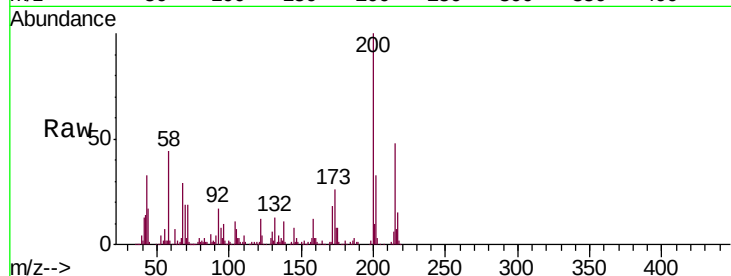
Tgt Ion:200 Resp: 216150

Ion Ratio Lower Upper

200 100

173 26.0 6.6 46.6

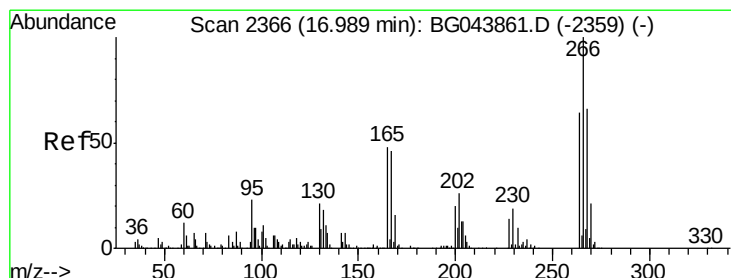
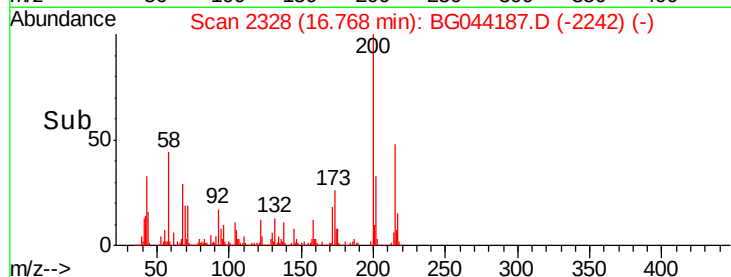
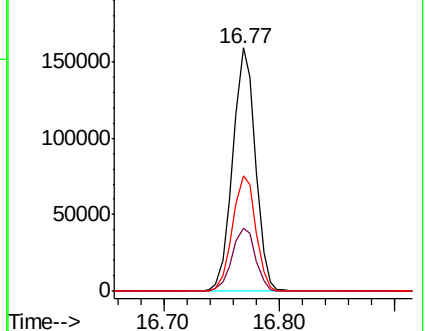
215 47.6 28.6 68.6



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: 74.863 ng

RT: 16.97 min Scan# 2362

Delta R.T. -0.02 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

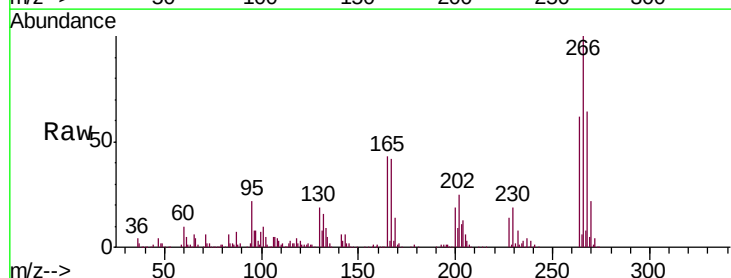
Tgt Ion:266 Resp: 240885

Ion Ratio Lower Upper

266 100

268 63.5 52.6 79.0

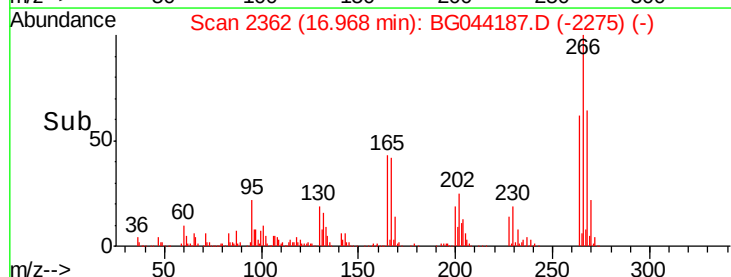
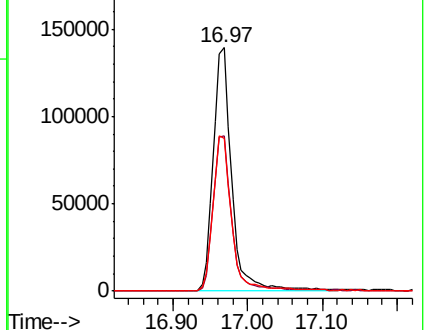
264 62.5 50.8 76.2

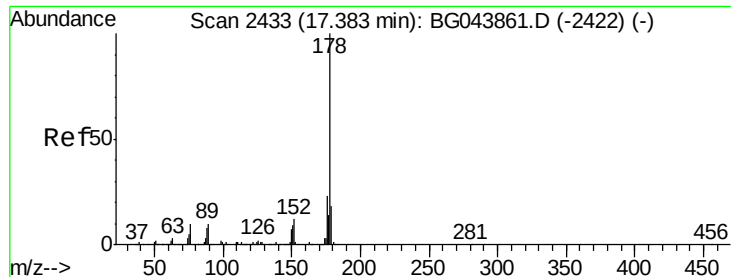


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

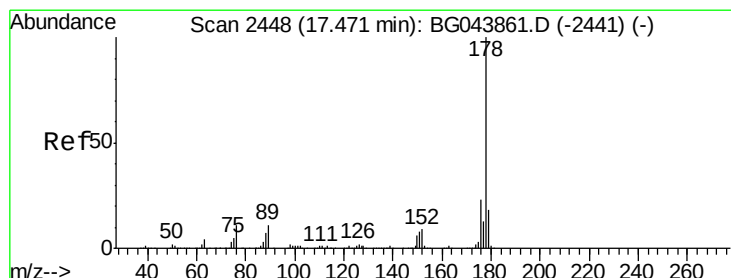
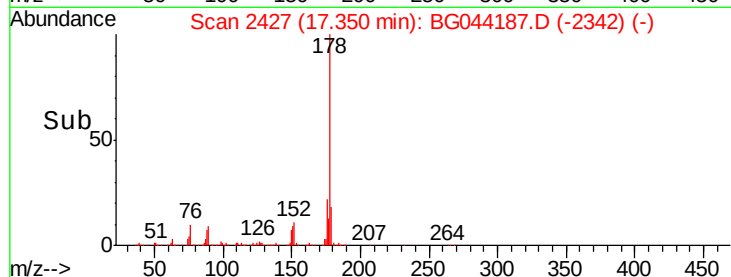
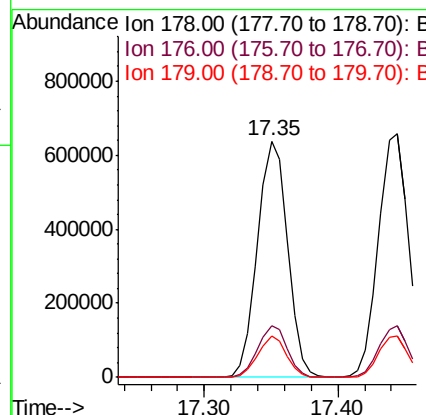
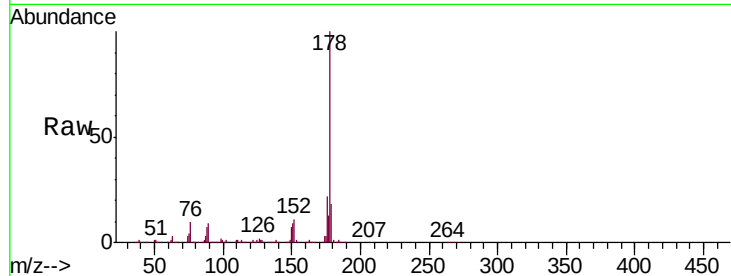




#71
 Phenanthrene
 Concen: 42.929 ng
 RT: 17.35 min Scan# 2427
 Delta R.T. -0.03 min
 Lab File: BG044187.D
 Acq: 24 Jan 2020 18:25

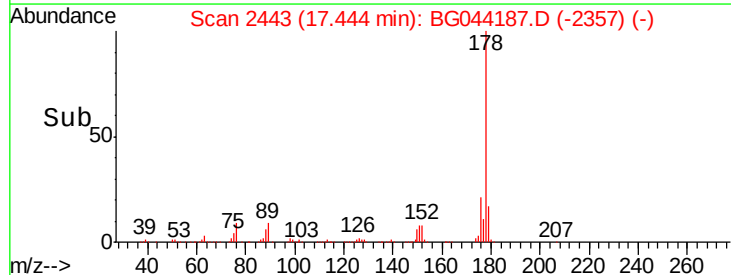
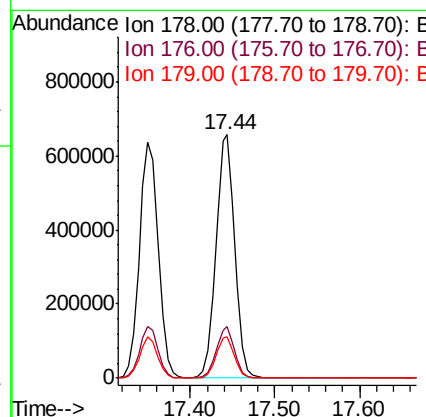
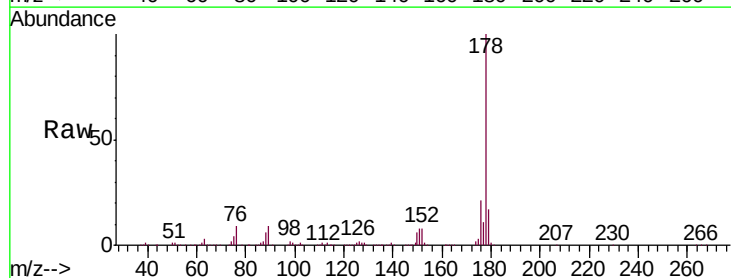
Instrument :
 BNA_G
 ClientSampleId :
 PB126325BS

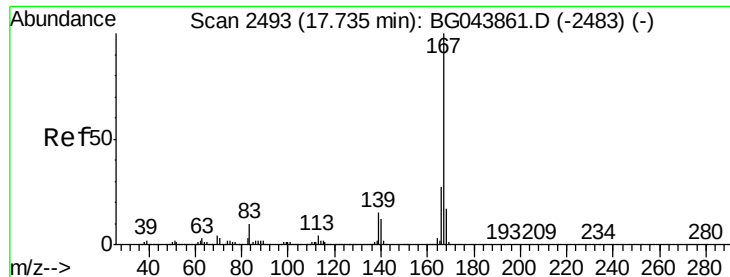
Tgt Ion:178 Resp: 991764
 Ion Ratio Lower Upper
 178 100
 176 21.9 18.6 28.0
 179 17.6 14.4 21.6



#72
 Anthracene
 Concen: 45.058 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.03 min
 Lab File: BG044187.D
 Acq: 24 Jan 2020 18:25

Tgt Ion:178 Resp: 1028737
 Ion Ratio Lower Upper
 178 100
 176 21.2 18.3 27.5
 179 16.8 14.6 22.0





#73

Carbazole

Concen: 43.296 ng

RT: 17.71 min Scan# 2488

Delta R.T. -0.03 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

Instrument :

BNA_G

ClientSampleId :

PB126325BS

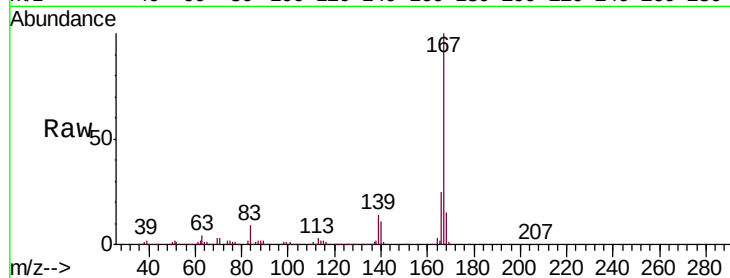
Tgt Ion:167 Resp: 913110

Ion Ratio Lower Upper

167 100

166 25.0 21.6 32.4

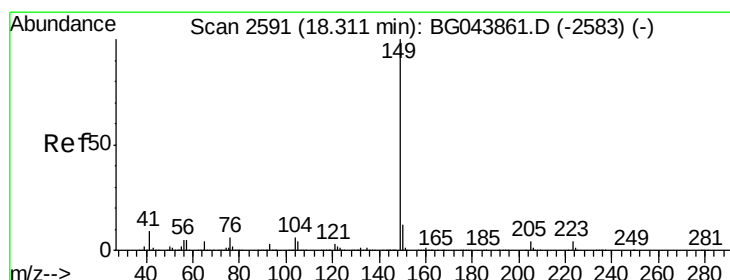
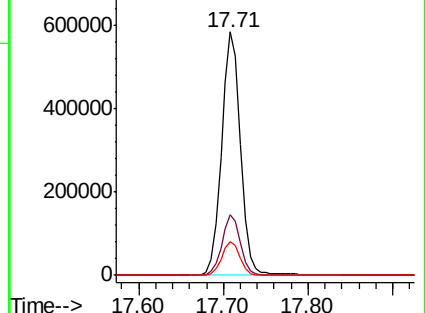
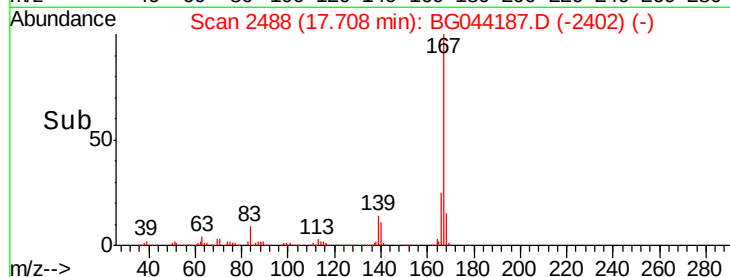
139 14.1 12.1 18.1



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: 42.266 ng

RT: 18.28 min Scan# 2585

Delta R.T. -0.03 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

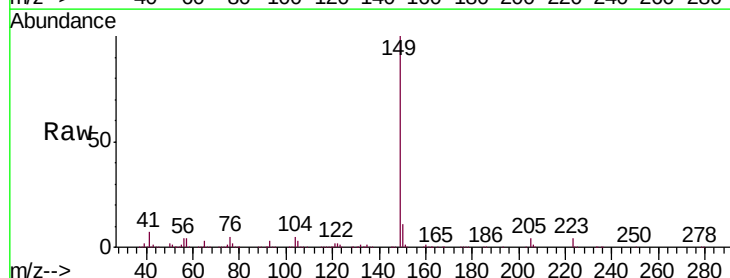
Tgt Ion:149 Resp: 1138076

Ion Ratio Lower Upper

149 100

150 10.6 9.7 14.5

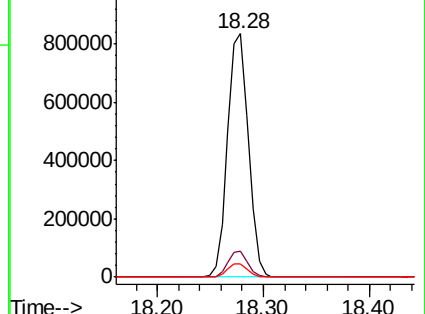
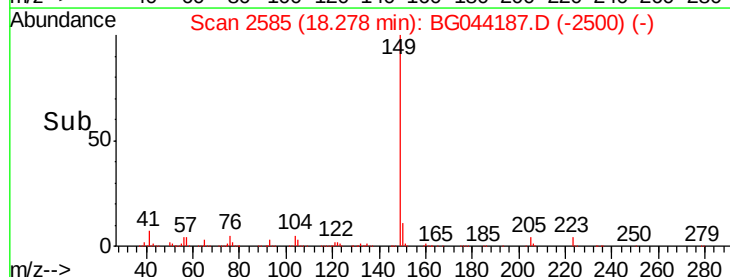
104 5.5 5.0 7.4

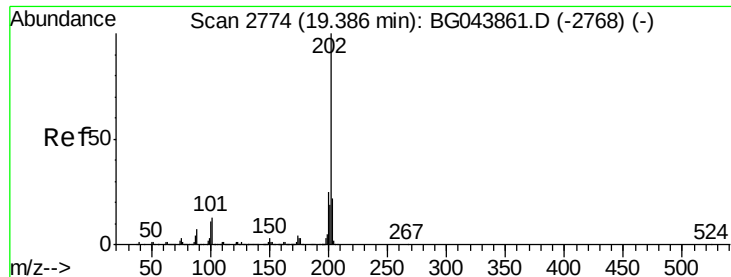


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.730 ng

RT: 19.36 min Scan# 2769

Delta R.T. -0.03 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

Instrument :

BNA_G

ClientSampleId :

PB126325BS

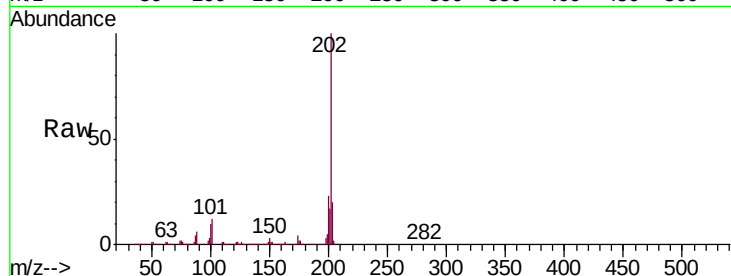
Tgt Ion:202 Resp: 1155378

Ion Ratio Lower Upper

202 100

101 11.8 0.0 33.3

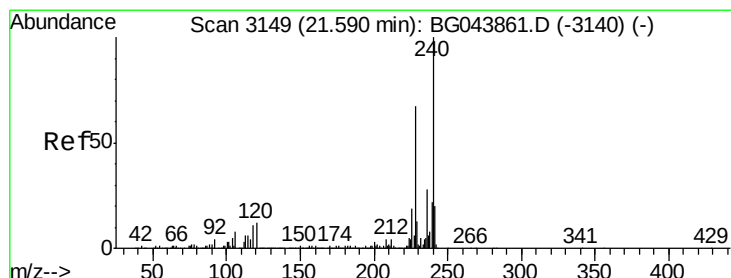
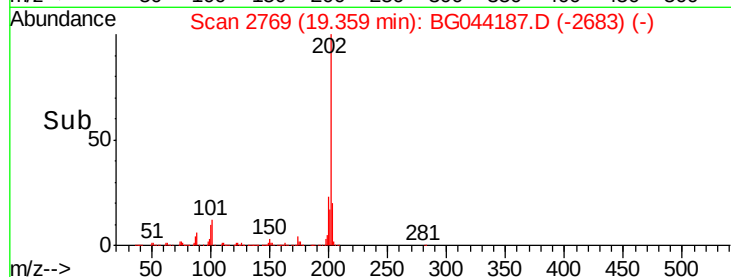
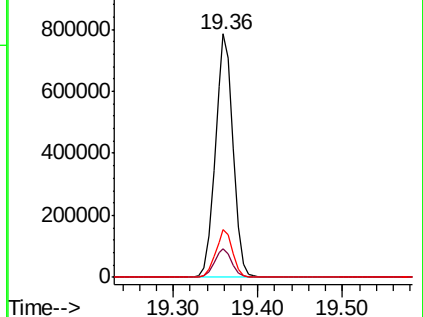
203 19.6 1.6 41.6



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: 21.56 min Scan# 3143

Delta R.T. -0.03 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

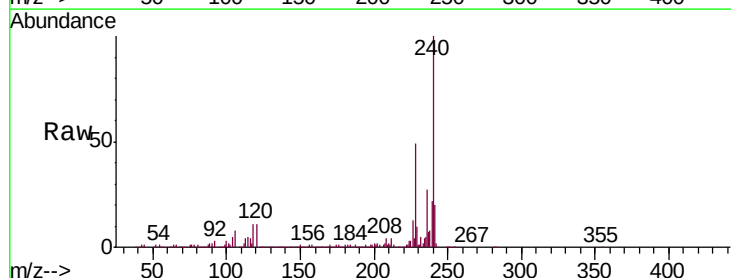
Tgt Ion:240 Resp: 408889

Ion Ratio Lower Upper

240 100

120 11.0 9.6 14.4

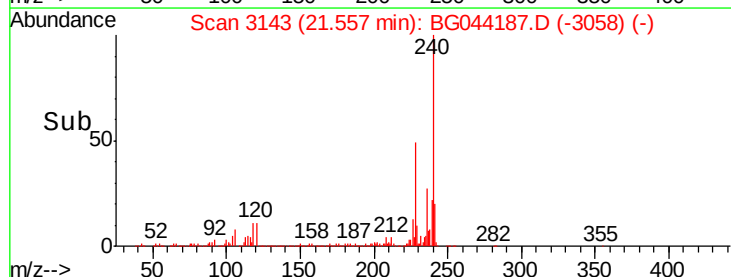
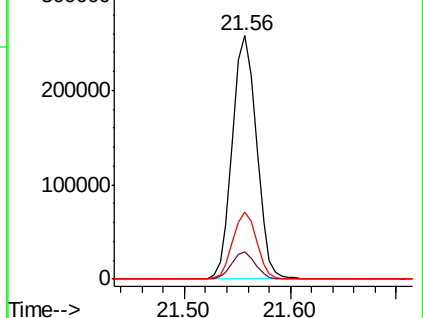
236 27.4 22.2 33.2

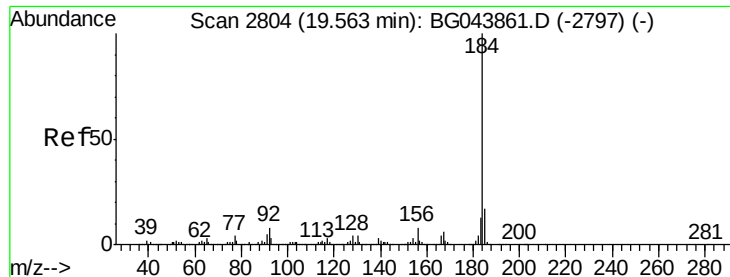


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 46.297 ng

RT: 19.54 min Scan# 2799

Delta R.T. -0.03 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

Instrument :

BNA_G

ClientSampleId :

PB126325BS

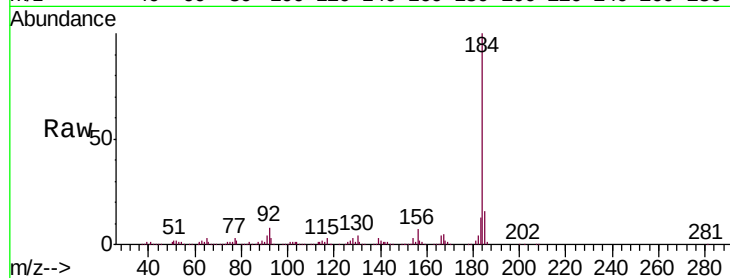
Tgt Ion:184 Resp: 475829

Ion Ratio Lower Upper

184 100

185 16.1 13.4 20.0

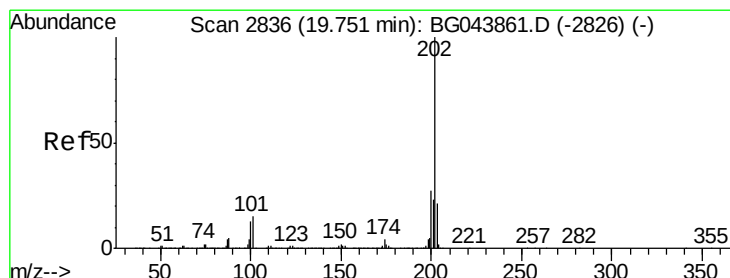
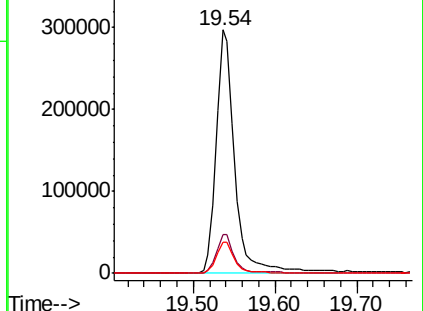
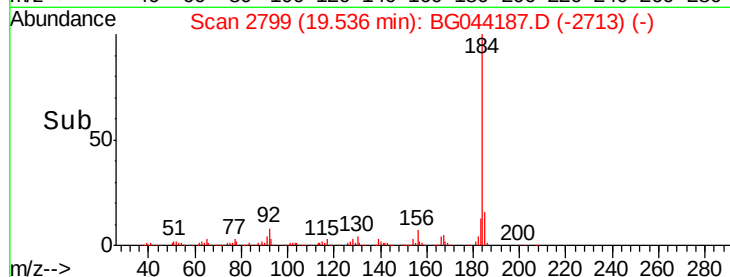
183 12.8 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.192 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.03 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

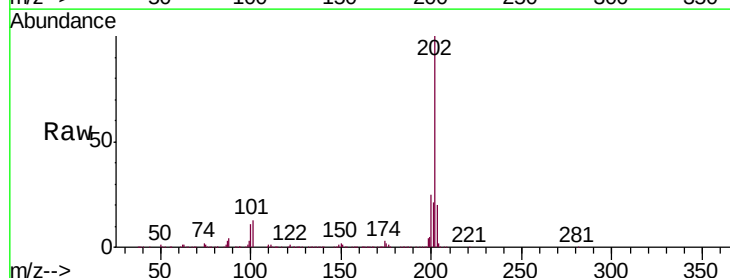
Tgt Ion:202 Resp: 1152780

Ion Ratio Lower Upper

202 100

200 24.6 21.7 32.5

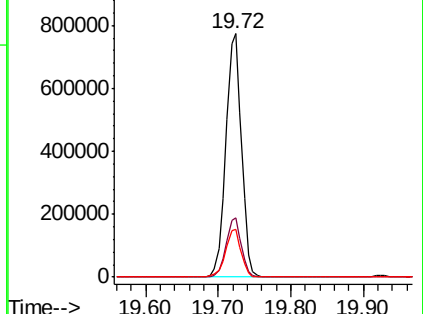
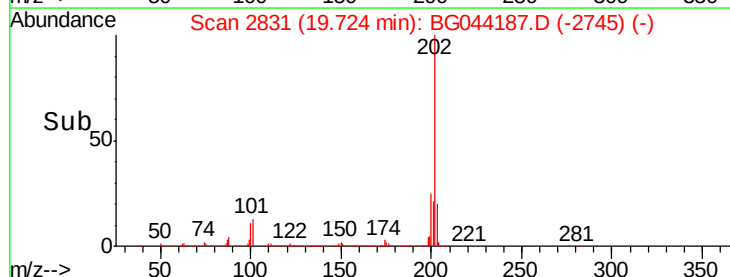
203 19.7 17.0 25.6

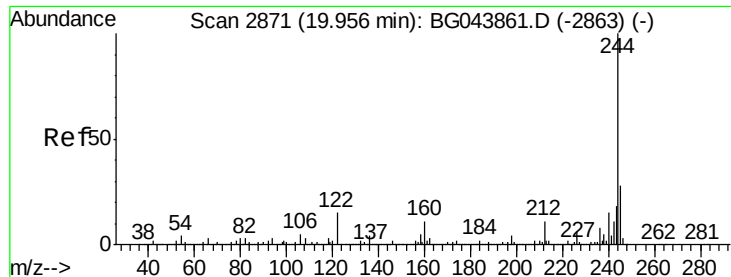


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.866 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

Instrument :

BNA_G

ClientSampleId :

PB126325BS

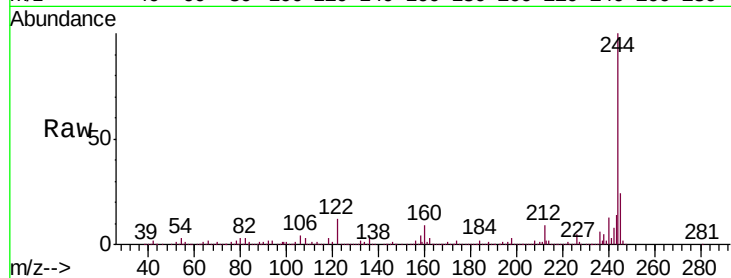
Tgt Ion:244 Resp: 1439834

Ion Ratio Lower Upper

244 100

212 8.8 8.6 13.0

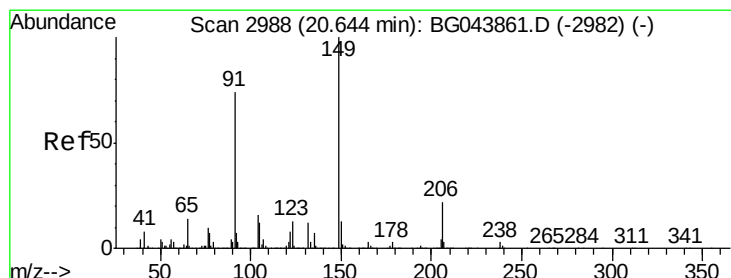
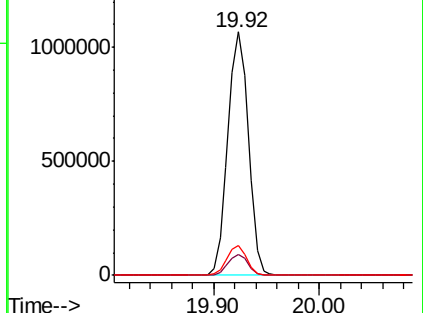
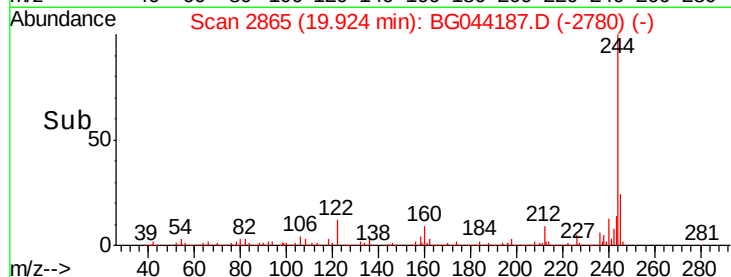
122 12.3 11.9 17.9



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: 41.424 ng

RT: 20.61 min Scan# 2982

Delta R.T. -0.03 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

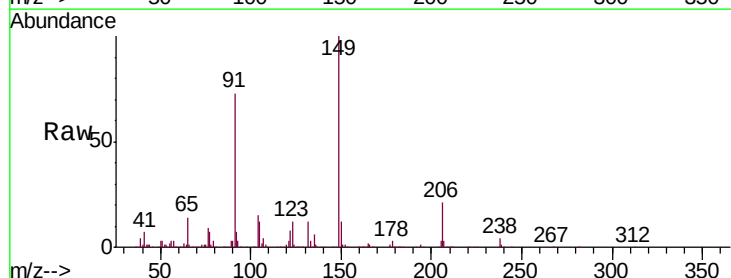
Tgt Ion:149 Resp: 526363

Ion Ratio Lower Upper

149 100

91 72.8 59.5 89.3

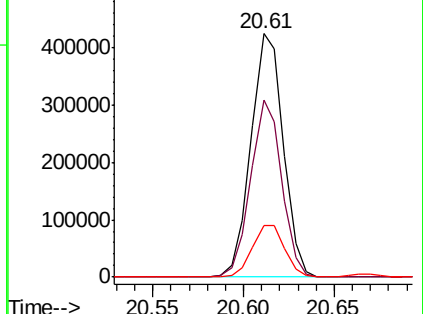
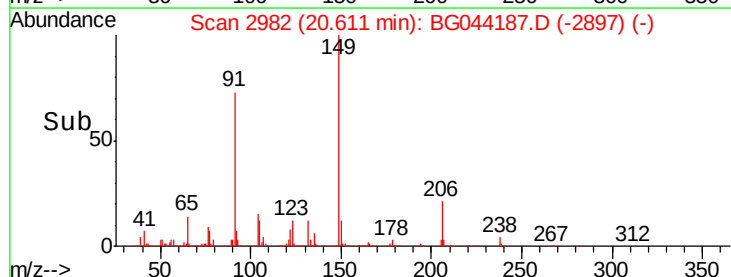
206 21.3 17.8 26.6

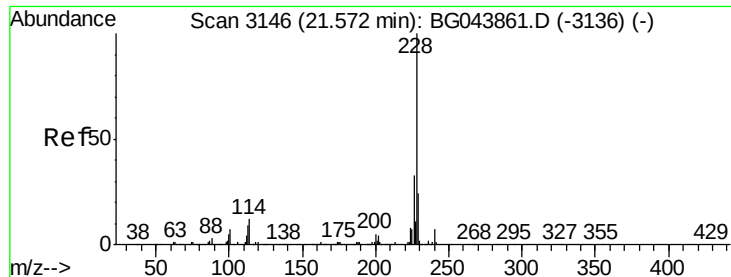


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.265 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.03 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

Instrument :

BNA_G

ClientSampleId :

PB126325BS

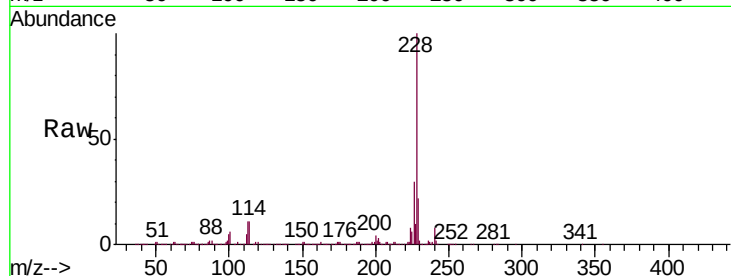
Tgt Ion:228 Resp: 1096947

Ion Ratio Lower Upper

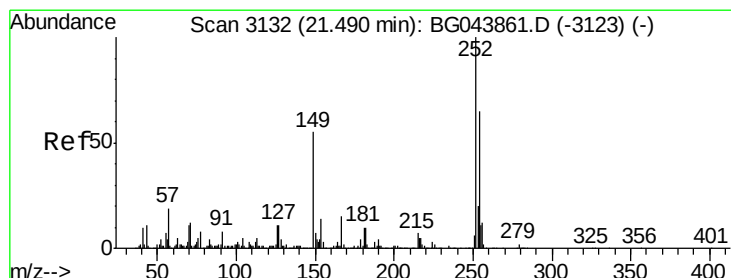
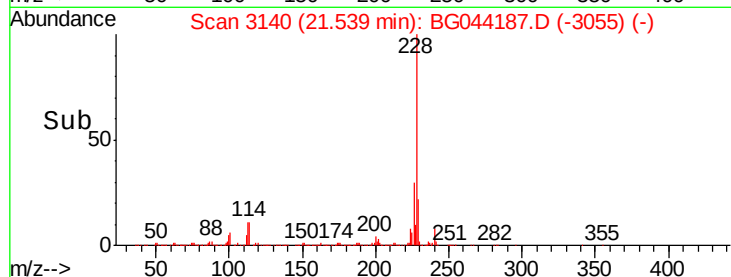
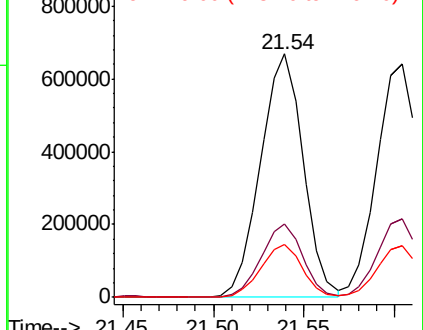
228 100

226 30.0 26.2 39.4

229 21.8 18.9 28.3



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



#82

3,3'-Dichlorobenzidine

Concen: 31.073 ng

RT: 21.46 min Scan# 3126

Delta R.T. -0.03 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

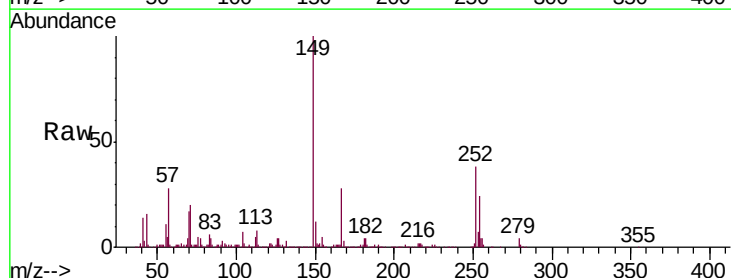
Tgt Ion:252 Resp: 311247

Ion Ratio Lower Upper

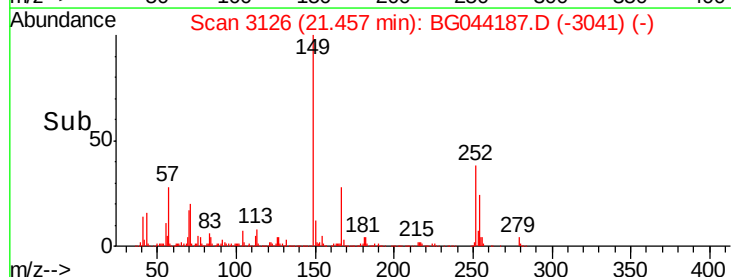
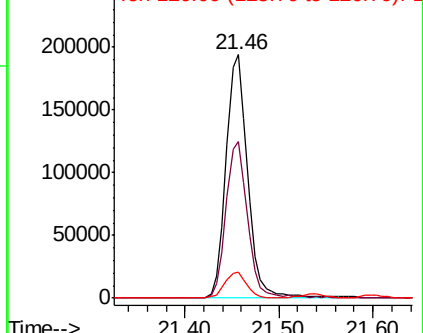
252 100

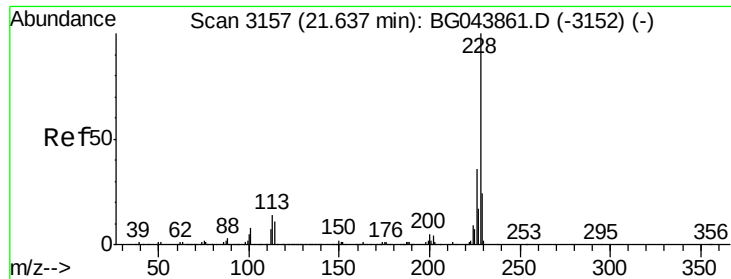
254 64.5 52.1 78.1

126 10.8 9.1 13.7



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





#83

Chrysene

Concen: 43.403 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.03 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

Instrument :

BNA_G

ClientSampleId :

PB126325BS

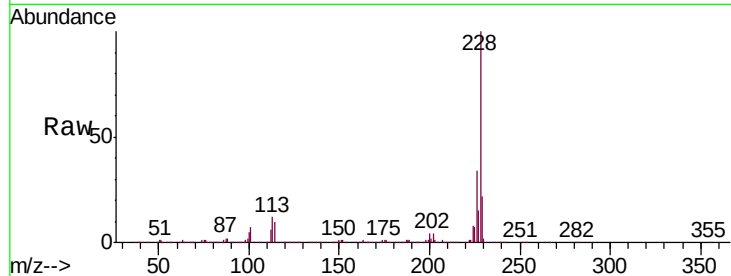
Tgt Ion:228 Resp: 1045628

Ion Ratio Lower Upper

228 100

226 33.8 28.8 43.2

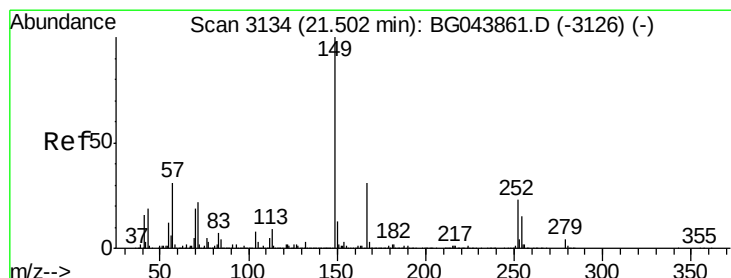
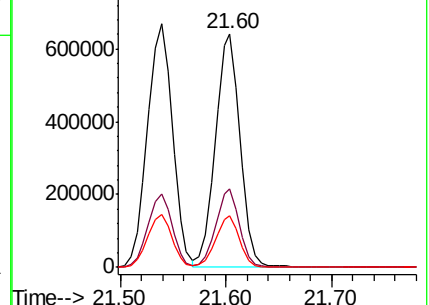
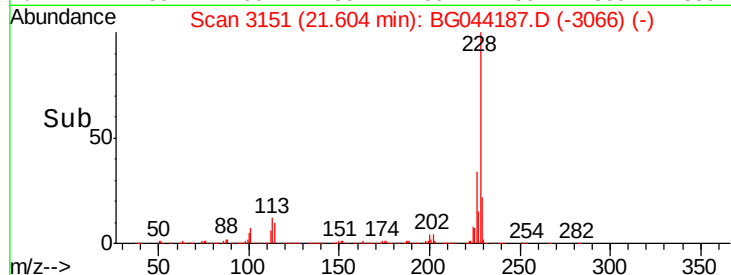
229 21.8 19.0 28.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.130 ng

RT: 21.46 min Scan# 3127

Delta R.T. -0.04 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

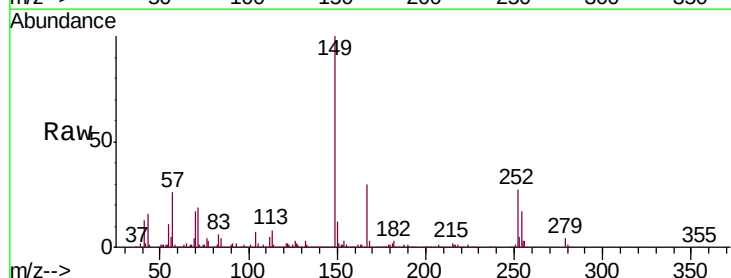
Tgt Ion:149 Resp: 738666

Ion Ratio Lower Upper

149 100

167 29.5 24.7 37.1

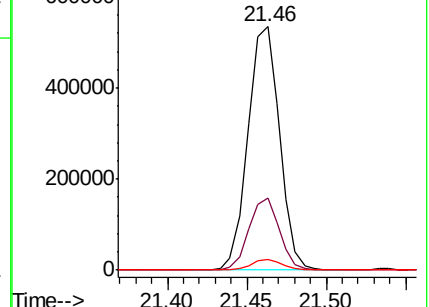
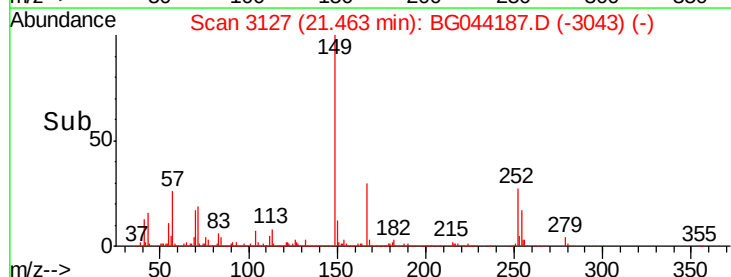
279 4.4 3.3 4.9

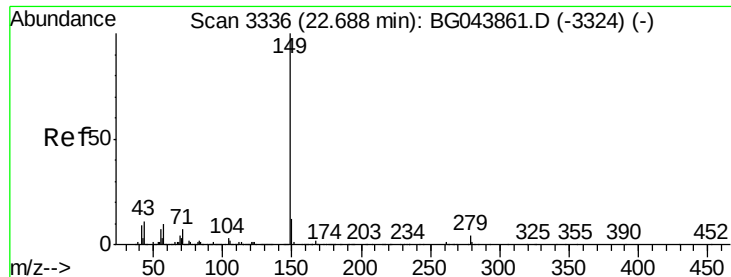


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.066 ng

RT: 22.63 min Scan# 3326

Delta R.T. -0.06 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

Instrument :

BNA_G

ClientSampleId :

PB126325BS

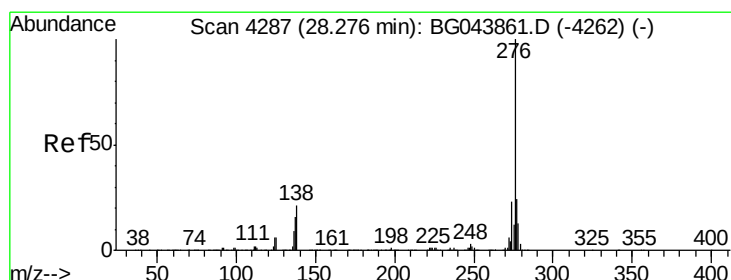
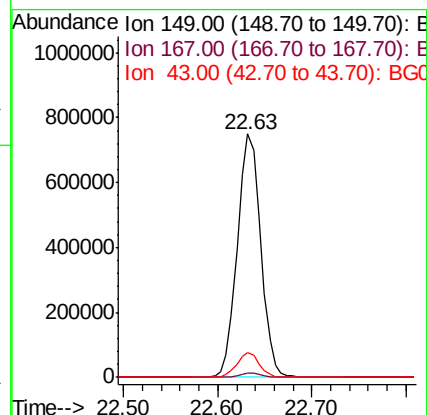
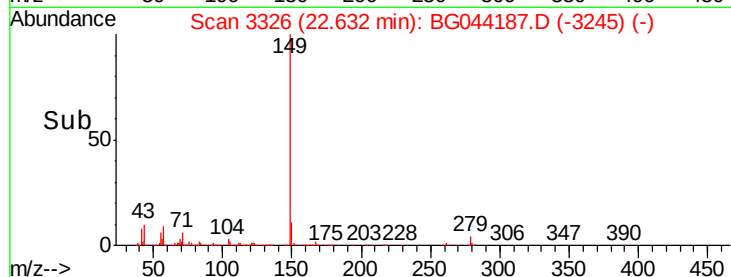
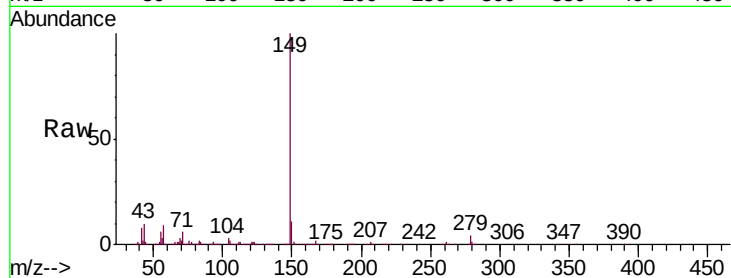
Tgt Ion:149 Resp: 1298860

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 9.6 8.8 13.2



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.350 ng

RT: 28.18 min Scan# 4270

Delta R.T. -0.10 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

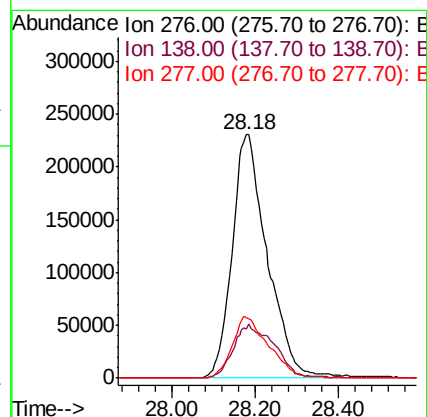
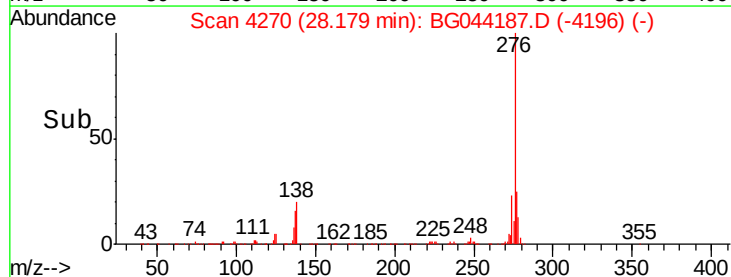
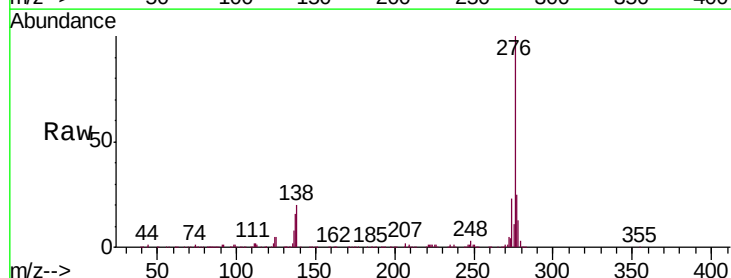
Tgt Ion:276 Resp: 1353819

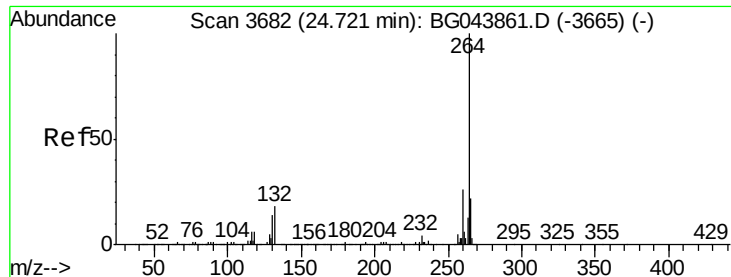
Ion Ratio Lower Upper

276 100

138 25.7 21.0 31.4

277 26.2 21.1 31.7





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.66 min Scan# 3671

Delta R.T. -0.06 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

Instrument :

BNA_G

ClientSampleId :

PB126325BS

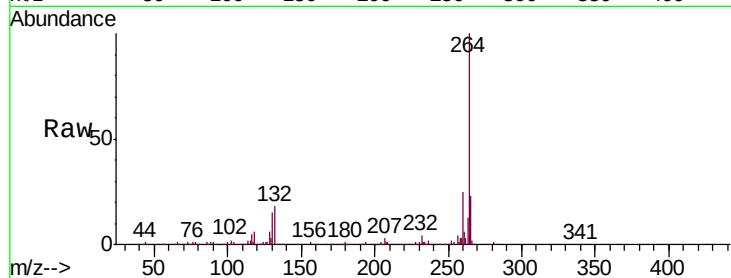
Tgt Ion:264 Resp: 468836

Ion Ratio Lower Upper

264 100

260 25.1 20.4 30.6

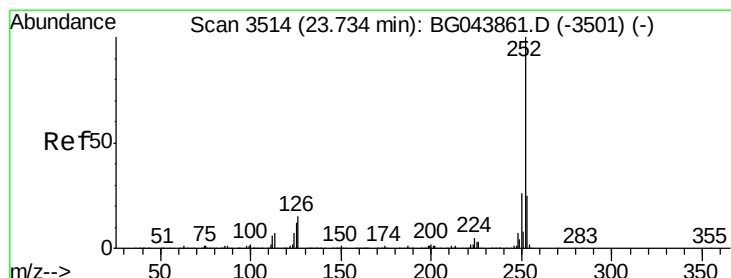
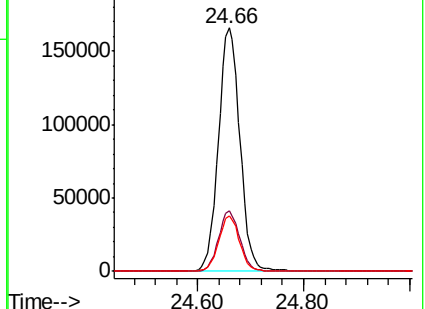
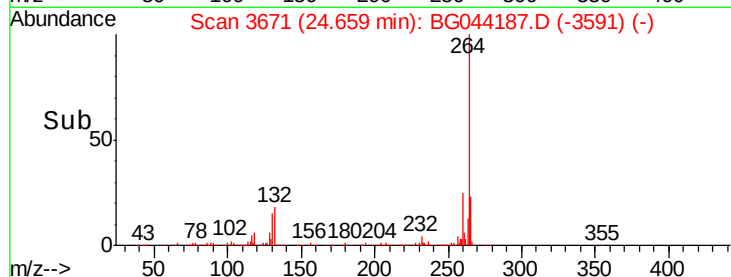
265 22.7 17.4 26.2



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: 41.818 ng

RT: 23.68 min Scan# 3505

Delta R.T. -0.05 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

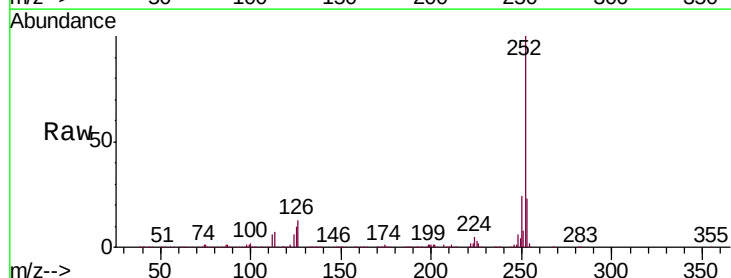
Tgt Ion:252 Resp: 1159033

Ion Ratio Lower Upper

252 100

253 23.2 19.7 29.5

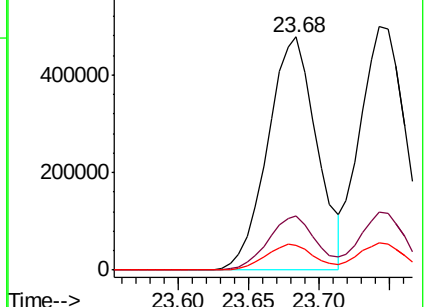
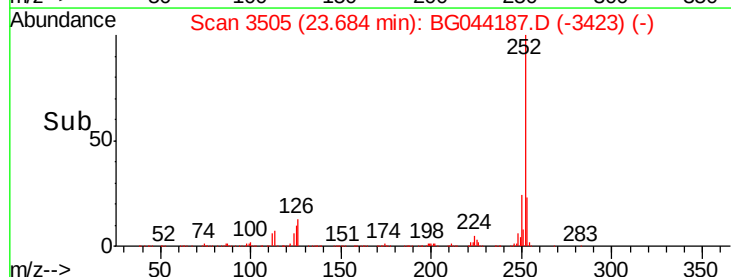
125 10.4 9.4 14.2

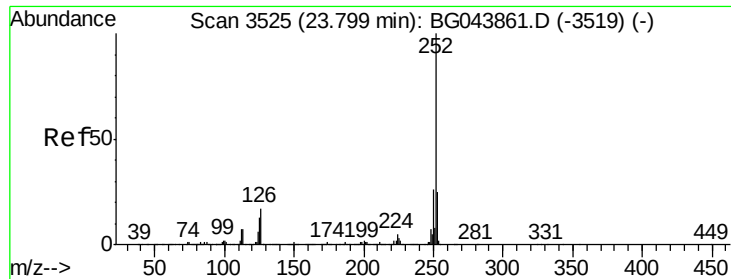


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 42.906 ng

RT: 23.74 min Scan# 3515

Delta R.T. -0.06 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

Instrument :

BNA_G

ClientSampleId :

PB126325BS

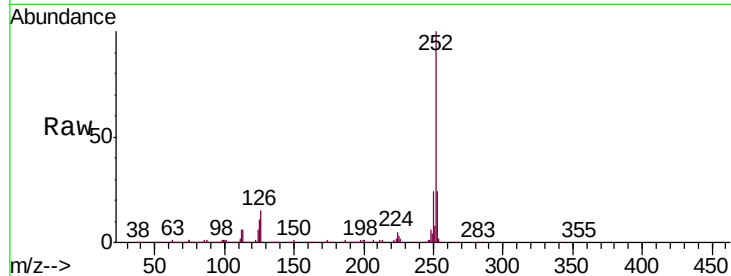
Tgt Ion:252 Resp: 1130856

Ion Ratio Lower Upper

252 100

253 23.7 19.4 29.2

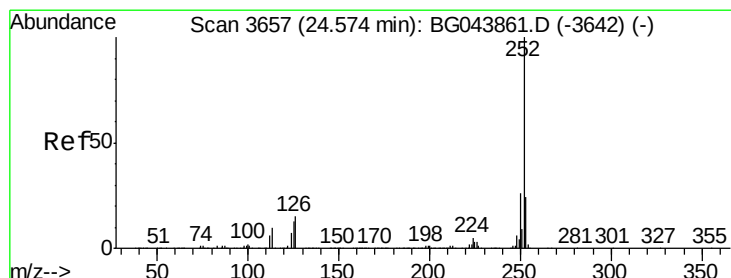
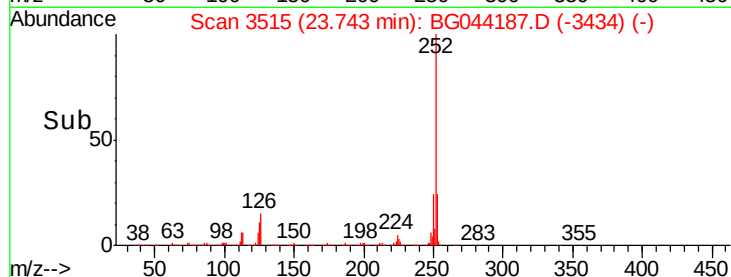
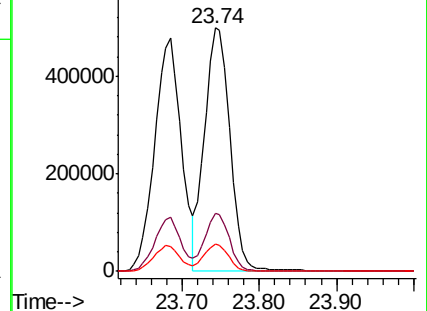
125 11.2 9.9 14.9



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



#90

Benzo(a)pyrene

Concen: 41.157 ng

RT: 24.52 min Scan# 3647

Delta R.T. -0.06 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

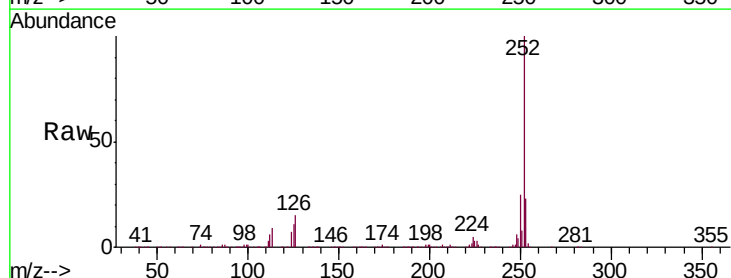
Tgt Ion:252 Resp: 1076643

Ion Ratio Lower Upper

252 100

253 23.2 19.3 28.9

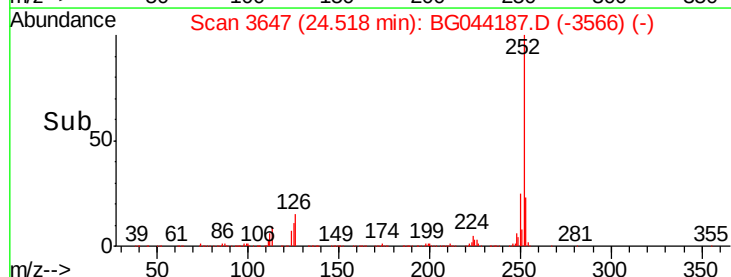
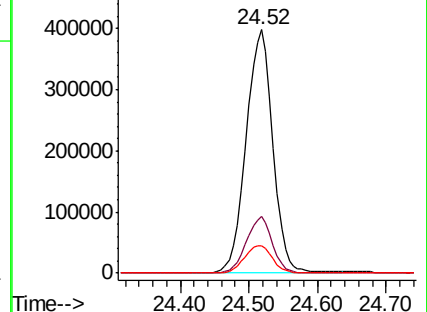
125 11.3 10.4 15.6

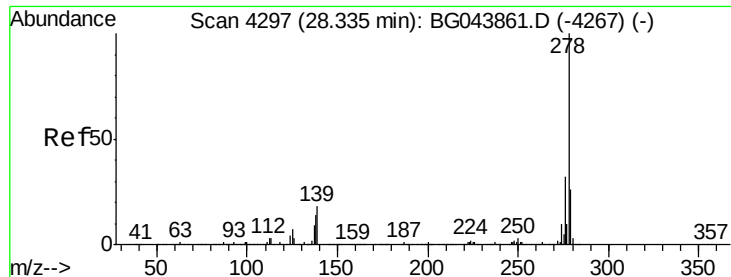


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 42.419 ng

RT: 28.24 min Scan# 4281

Delta R.T. -0.09 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

Instrument :

BNA_G

ClientSampleId :

PB126325BS

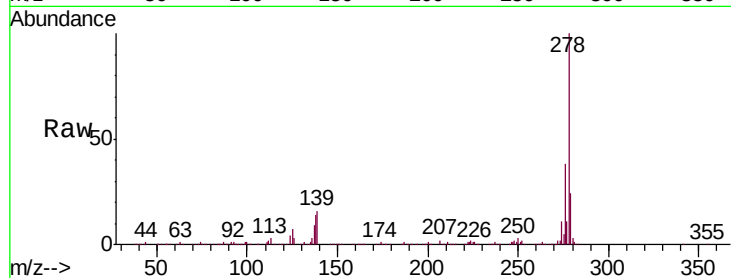
Tgt Ion:278 Resp: 1114411

Ion Ratio Lower Upper

278 100

139 15.9 14.2 21.4

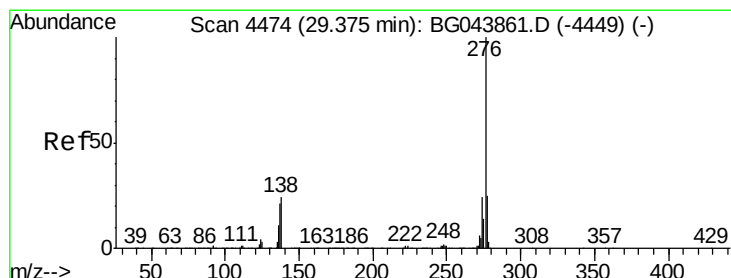
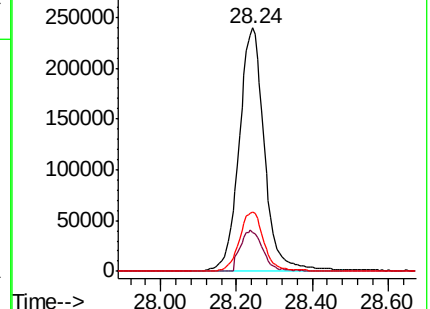
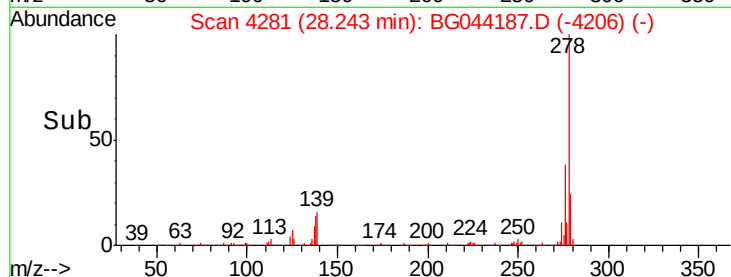
279 24.5 20.6 30.8



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: 43.462 ng

RT: 29.28 min Scan# 4457

Delta R.T. -0.10 min

Lab File: BG044187.D

Acq: 24 Jan 2020 18:25

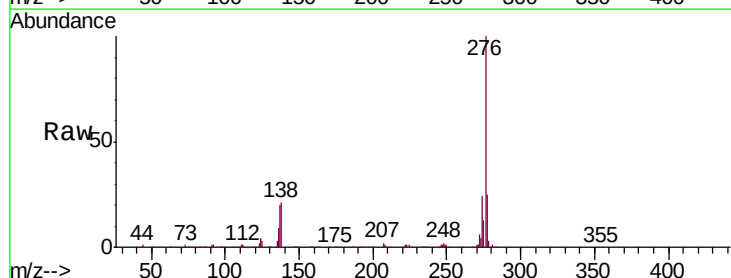
Tgt Ion:276 Resp: 1134184

Ion Ratio Lower Upper

276 100

277 24.8 20.2 30.4

138 21.3 19.0 28.6



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

