

Data File : BG044076.D
Acq On : 17 Jan 2020 16:02
Operator : JU
Sample : PB126138BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126138BS

Quant Time: Jan 18 03:06:16 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	77661	20.00	ng	-0.03
21) Naphthalene-d8	10.74	136	331593	20.00	ng	-0.03
39) Acenaphthene-d10	14.57	164	223933	20.00	ng	-0.03
64) Phenanthrene-d10	17.32	188	496692	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	412196	20.00	ng	-0.03
87) Perylene-d12	24.67	264	465217	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	635417	150.23	ng	-0.03
7) Phenol-d6	7.11	99	848861	143.58	ng	-0.01
23) Nitrobenzene-d5	9.09	82	435119	70.20	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	336079	143.41	ng	-0.02
45) 2-Fluorobiphenyl	13.19	172	1005561	81.36	ng	-0.03
79) Terphenyl-d14	19.93	244	1471780	86.49	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.39	88	112786	61.157	ng	97
3) Pyridine	3.79	79	198896	36.508	ng	93
4) n-Nitrosodimethylamine	3.70	42	97788	40.315	ng	99
6) Aniline	7.25	93	252370	32.499	ng	98
8) 2-Chlorophenol	7.50	128	241440	48.624	ng	95
9) Benzaldehyde	7.06	77	122444	32.359	ng	98
10) Phenol	7.13	94	301629	49.516	ng	98
11) bis(2-Chloroethyl)ether	7.35	93	222868	42.385	ng	98
12) 1,3-Dichlorobenzene	7.82	146	244365	42.055	ng	98
13) 1,4-Dichlorobenzene	7.97	146	246790	43.045	ng	97
14) 1,2-Dichlorobenzene	8.29	146	235008	42.705	ng	99
15) Benzyl Alcohol	8.17	79	204553	43.838	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	300636	36.956	ng	98
17) 2-Methylphenol	8.39	107	211762	48.039	ng	97
18) Hexachloroethane	9.02	117	91183	40.873	ng	97
19) n-Nitroso-di-n-propylamine	8.74	70	177144	40.233	ng	97
20) 3+4-Methylphenols	8.71	107	293102	47.663	ng	95
22) Acetophenone	8.76	105	327393	39.714	ng	# 96
24) Nitrobenzene	9.13	77	251439	40.957	ng	98
25) Isophorone	9.66	82	483761	41.600	ng	99
26) 2-Nitrophenol	9.84	139	139286	47.955	ng	96
27) 2,4-Dimethylphenol	9.91	122	240159	54.929	ng	98
28) bis(2-Chloroethoxy)methane	10.14	93	311291	40.152	ng	98
29) 2,4-Dichlorophenol	10.39	162	249496	47.840	ng	98
30) 1,2,4-Trichlorobenzene	10.60	180	236169	40.388	ng	98
31) Naphthalene	10.78	128	711056	44.313	ng	99
32) Benzoic acid	10.06	122	135843	39.437	ng	94
33) 4-Chloroaniline	10.89	127	170888	22.328	ng	97
34) Hexachlorobutadiene	11.08	225	136006	38.094	ng	98
35) Caprolactam	11.66	113	74661	38.456	ng	92
36) 4-Chloro-3-methylphenol	12.03	107	275173	49.564	ng	98
37) 2-Methylnaphthalene	12.39	142	534084	44.210	ng	96
38) 1-Methylnaphthalene	12.62	142	513454	44.845	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	249331	37.988	ng	99

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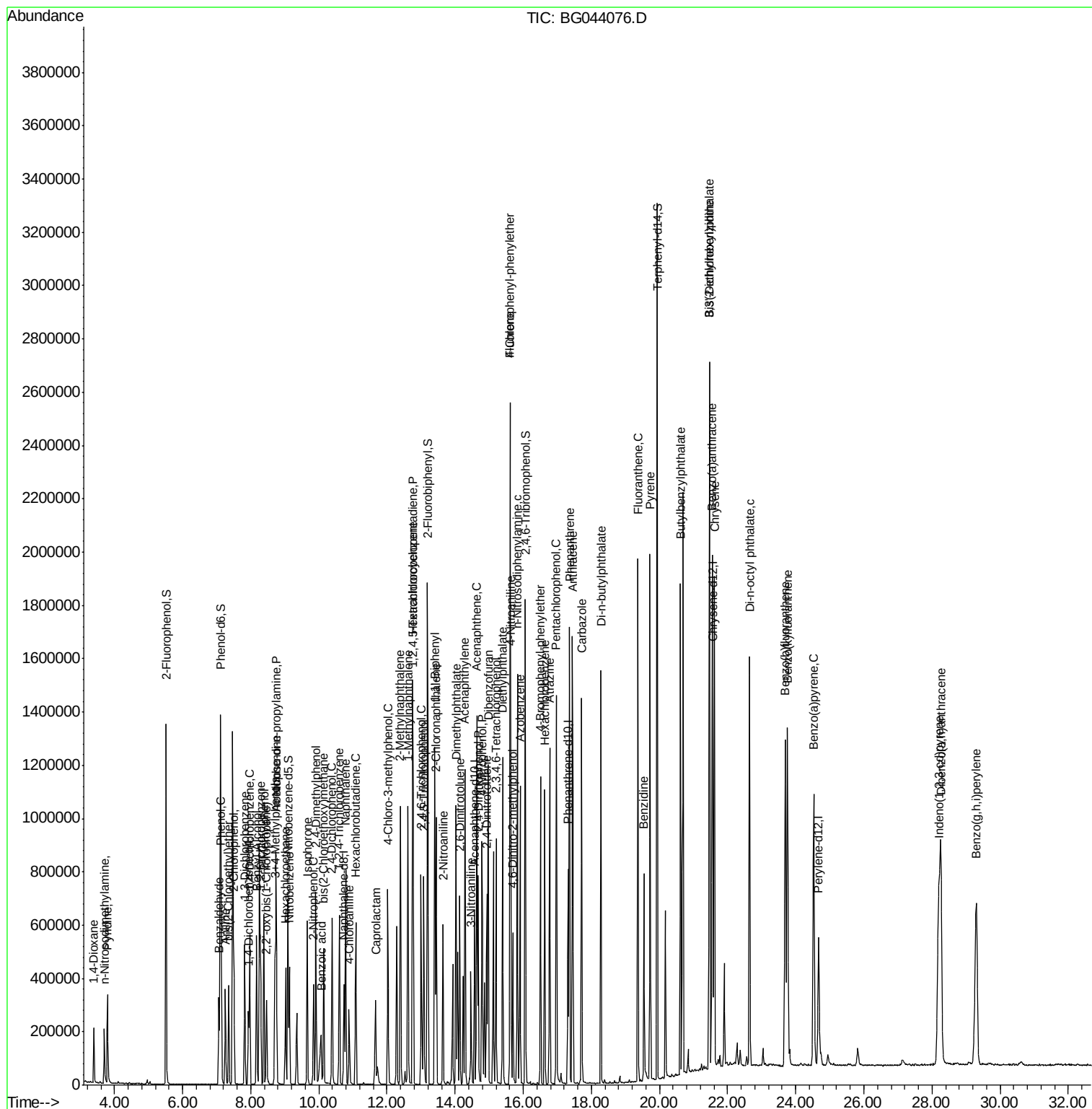
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	343193	100.857	ng	98
43) 2,4,6-Trichlorophenol	13.01	196	202599	44.860	ng	99
44) 2,4,5-Trichlorophenol	13.08	196	223963	48.082	ng	99
46) 1,1'-Biphenyl	13.40	154	685377	42.688	ng	99
47) 2-Chloronaphthalene	13.44	162	537341	41.417	ng	98
48) 2-Nitroaniline	13.64	65	173271	41.518	ng	97
49) Acenaphthylene	14.29	152	865153	46.395	ng	97
50) Dimethylphthalate	14.03	163	706278	44.420	ng	99
51) 2,6-Dinitrotoluene	14.14	165	163596	45.522	ng	98
52) Acenaphthene	14.64	154	532825	40.744	ng	96
53) 3-Nitroaniline	14.47	138	120232	29.461	ng	97
54) 2,4-Dinitrophenol	14.68	184	197523	105.974	ng	95
55) Dibenzofuran	14.97	168	837618	46.528	ng	97
56) 4-Nitrophenol	14.80	139	300570	96.110	ng	92
57) 2,4-Dinitrotoluene	14.93	165	231523	47.346	ng	97
58) Fluorene	15.62	166	665970	46.674	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.20	232	194160	48.476	ng	97
60) Diethylphthalate	15.39	149	729158	45.850	ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	341562	44.085	ng	97
62) 4-Nitroaniline	15.64	138	165061	40.957	ng	93
63) Azobenzene	15.91	77	662282	44.905	ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	136457	52.836	ng	98
66) n-Nitrosodiphenylamine	15.82	169	629414	43.031	ng	98
67) 4-Bromophenyl-phenylether	16.51	248	223712	40.047	ng	99
68) Hexachlorobenzene	16.63	284	236852	39.348	ng	97
69) Atrazine	16.78	200	233770	49.168	ng	100
70) Pentachlorophenol	16.97	266	270978	81.665	ng	99
71) Phenanthrene	17.36	178	1053873	44.236	ng	97
72) Anthracene	17.45	178	1083817	46.032	ng	98
73) Carbazole	17.72	167	964165	44.332	ng	96
74) Di-n-butylphthalate	18.29	149	1204596	43.381	ng	96
75) Fluoranthene	19.37	202	1207305	44.311	ng	96
77) Benzidine	19.54	184	502879	48.537	ng	98
78) Pyrene	19.72	202	1201383	44.652	ng	96
80) Butylbenzylphthalate	20.62	149	554459	43.285	ng	96
81) Benzo(a)anthracene	21.55	228	1127265	44.104	ng	96
82) 3,3'-Dichlorobenzidine	21.46	252	333508	33.028	ng	99
83) Chrysene	21.61	228	1086709	44.746	ng	96
84) Bis(2-ethylhexyl)phthalate	21.47	149	774529	43.821	ng	97
85) Di-n-octyl phthalate	22.65	149	1354595	45.588	ng	97
86) Indeno(1,2,3-cd)pyrene	28.20	276	1381319	41.852	ng	100
88) Benzo(b)fluoranthene	23.70	252	1197639	43.547	ng	97
89) Benzo(k)fluoranthene	23.76	252	1128996	43.169	ng	98
90) Benzo(a)pyrene	24.53	252	1088119	41.919	ng	98
91) Dibenzo(a,h)anthracene	28.26	278	1140923	43.766	ng	99
92) Benzo(g,h,i)perylene	29.30	276	1151567	44.471	ng	99

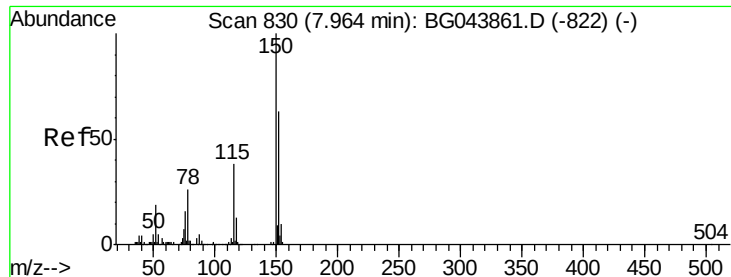
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.03 min

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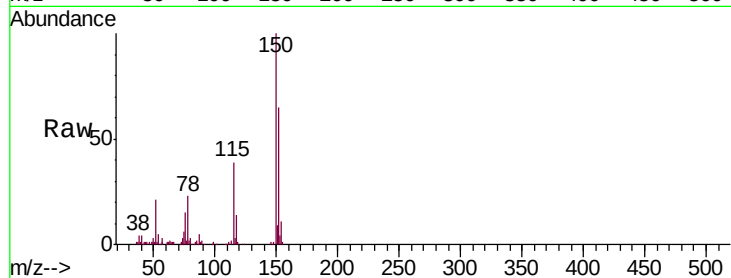
Tgt Ion: 152 Resp: 77661

Ion Ratio Lower Upper

152 100

150 155.0 127.0 190.4

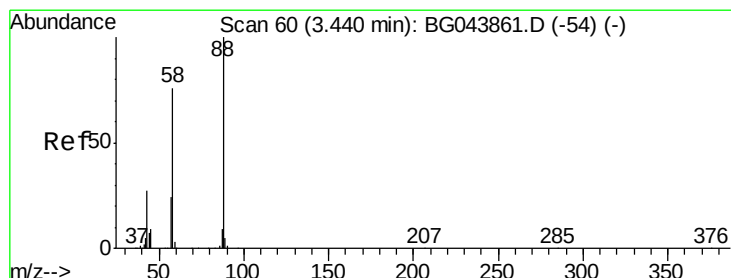
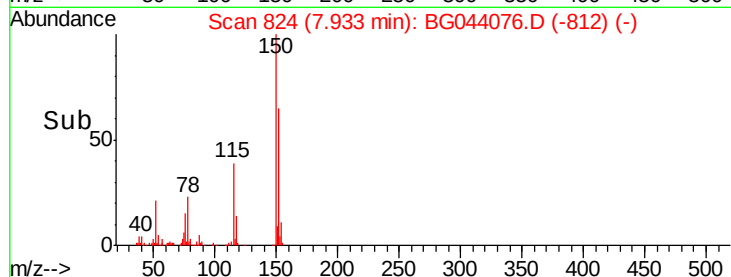
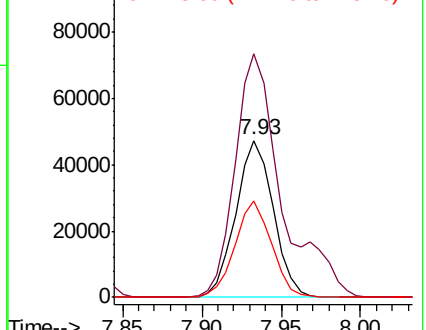
115 61.0 47.8 71.8



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: 61.157 ng

RT: 3.39 min Scan# 51

Delta R.T. -0.05 min

Lab File: BG044076.D

Acq: 17 Jan 2020 16:02

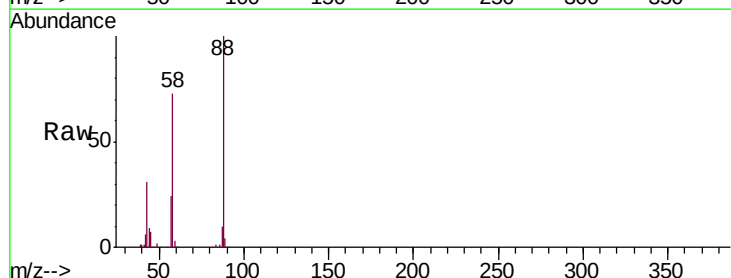
Tgt Ion: 88 Resp: 112786

Ion Ratio Lower Upper

88 100

58 71.5 59.8 89.8

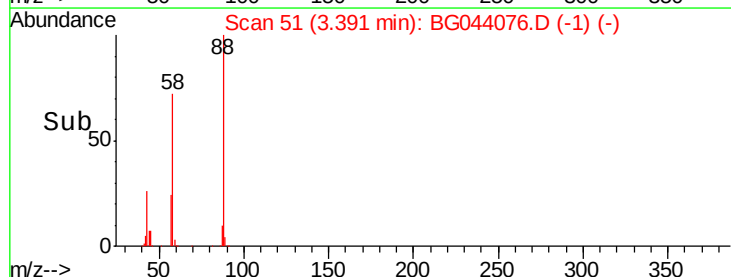
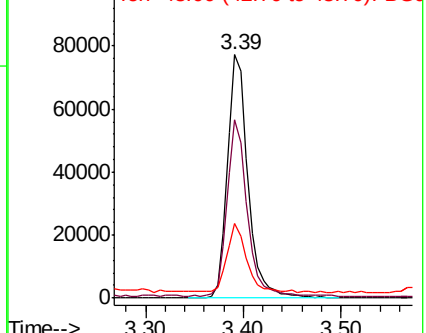
43 28.0 22.9 34.3

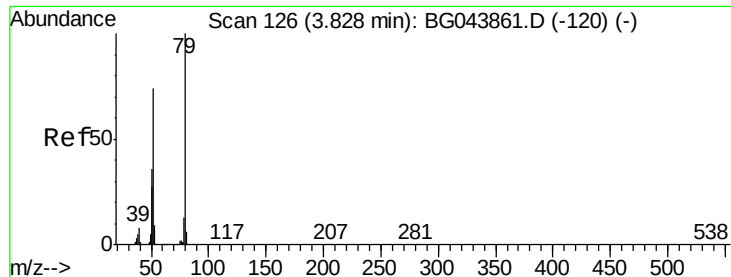


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 36.508 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.04 min

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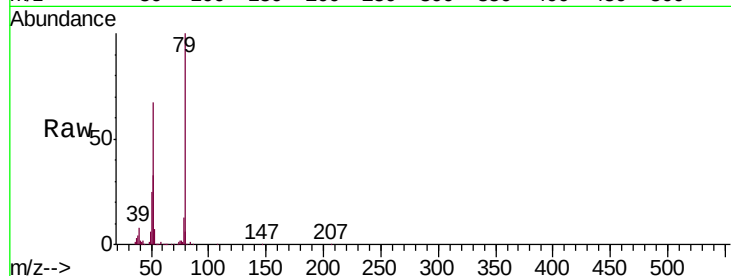
Tgt Ion: 79 Resp: 198896

Ion Ratio Lower Upper

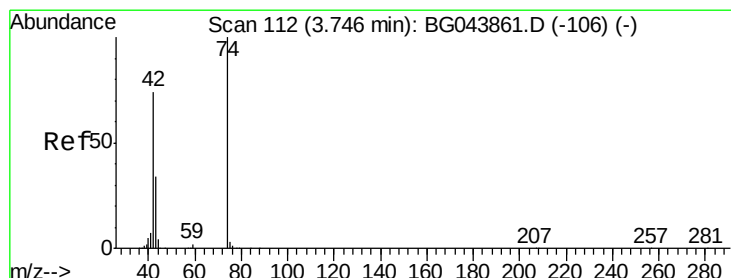
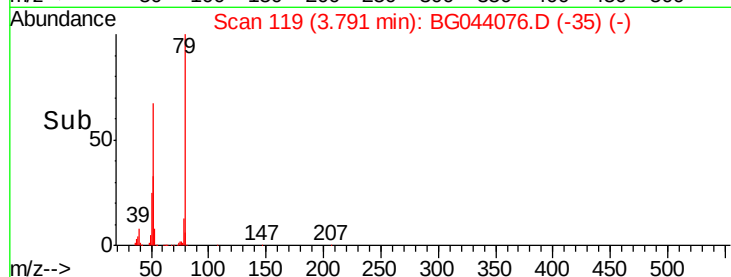
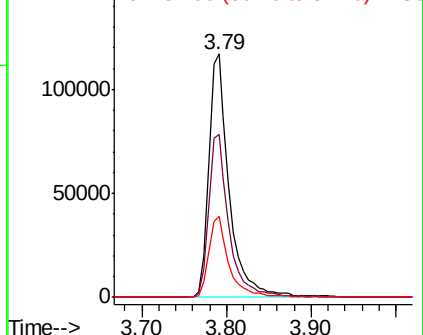
79 100

52 67.2 58.9 88.3

51 33.1 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: 40.315 ng

RT: 3.70 min Scan# 104

Delta R.T. -0.04 min

Lab File: BG044076.D

Acq: 17 Jan 2020 16:02

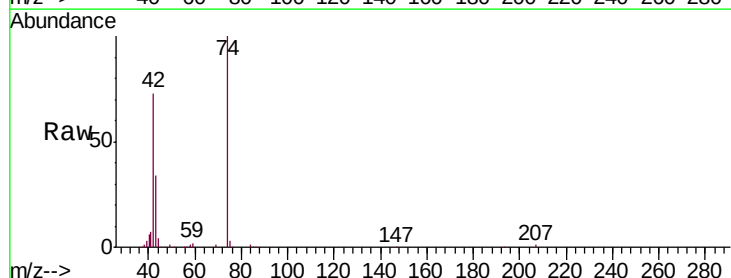
Tgt Ion: 42 Resp: 97788

Ion Ratio Lower Upper

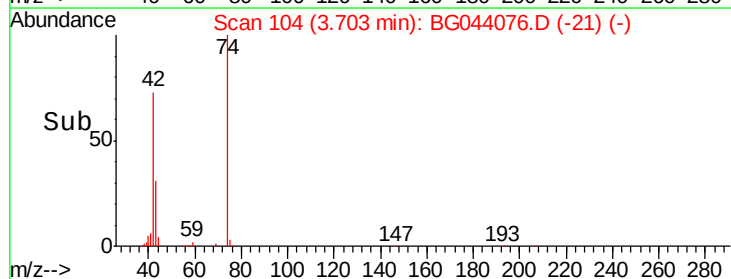
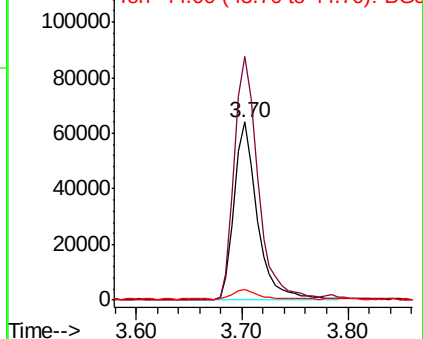
42 100

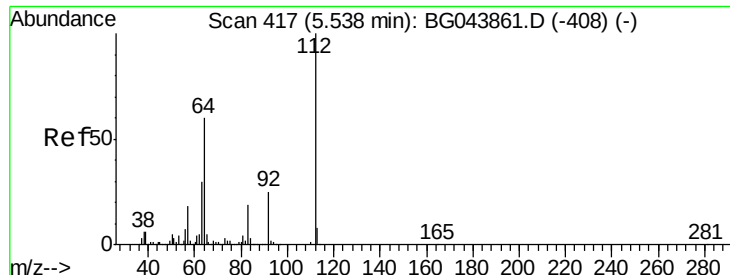
74 137.0 108.6 162.8

44 6.1 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: 150.230 ng

RT: 5.51 min Scan# 412

Delta R.T. -0.03 min

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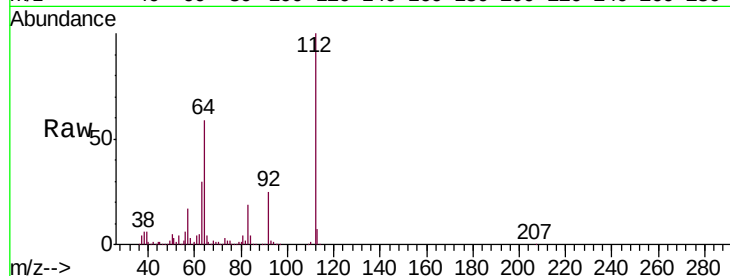
Tgt Ion: 112 Resp: 635417

Ion Ratio Lower Upper

112 100

64 58.8 47.8 71.6

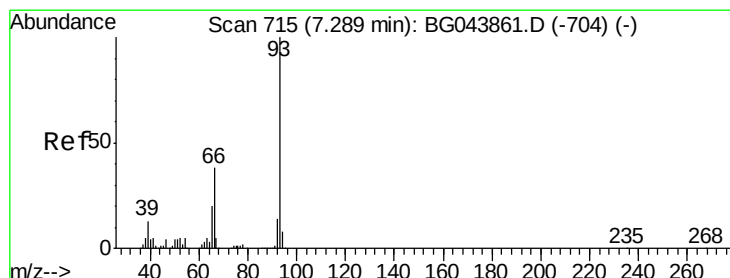
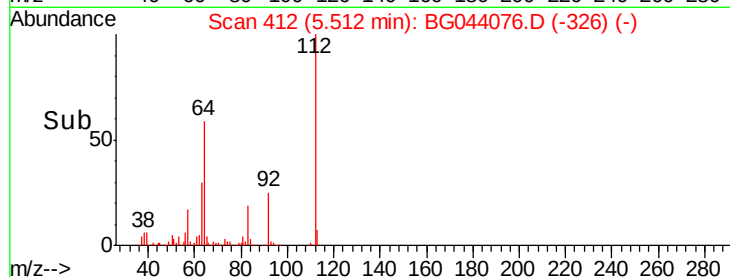
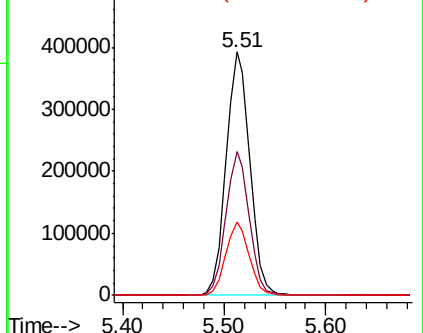
63 30.4 24.3 36.5



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: 32.499 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.04 min

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Acq: 17 Jan 2020 16:02

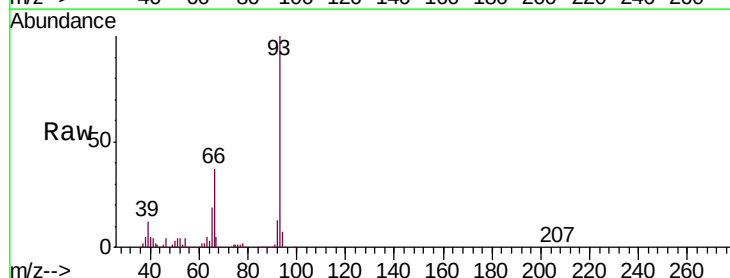
Tgt Ion: 93 Resp: 252370

Ion Ratio Lower Upper

93 100

66 37.5 30.8 46.2

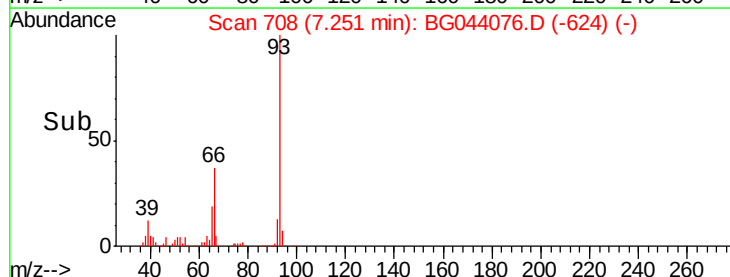
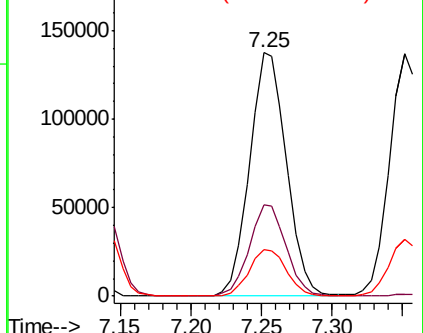
65 19.3 16.0 24.0

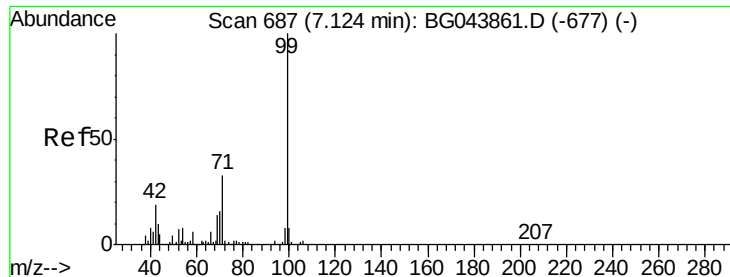


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 143.577 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.01 min

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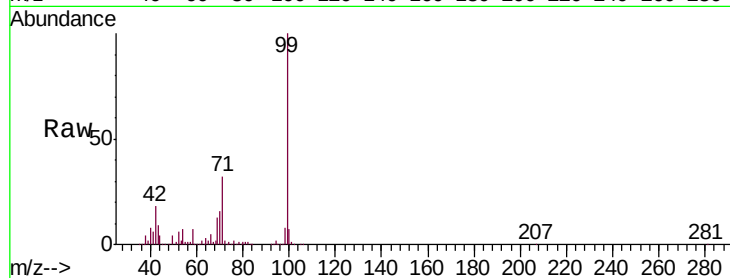
Tgt Ion: 99 Resp: 848861

Ion Ratio Lower Upper

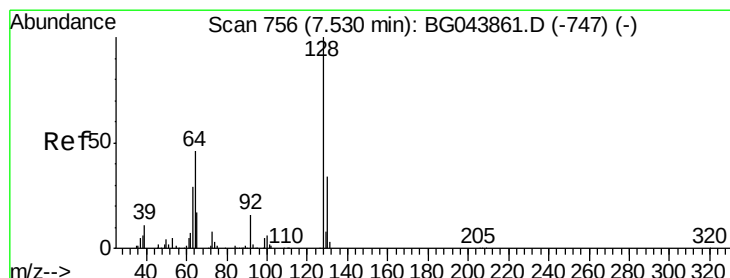
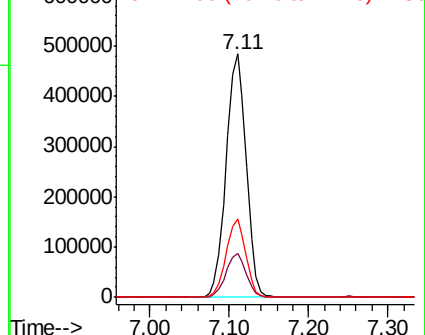
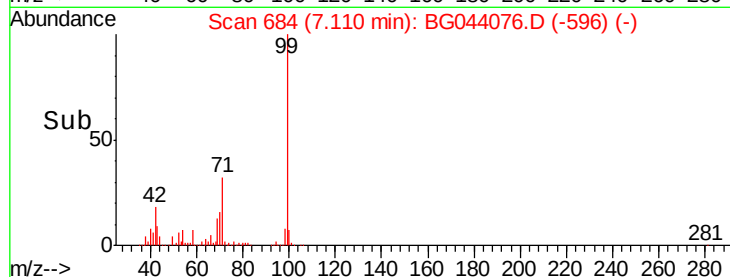
99 100

42 18.3 14.9 22.3

71 32.4 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: 48.624 ng

RT: 7.50 min Scan# 751

Delta R.T. -0.03 min

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Acq: 17 Jan 2020 16:02

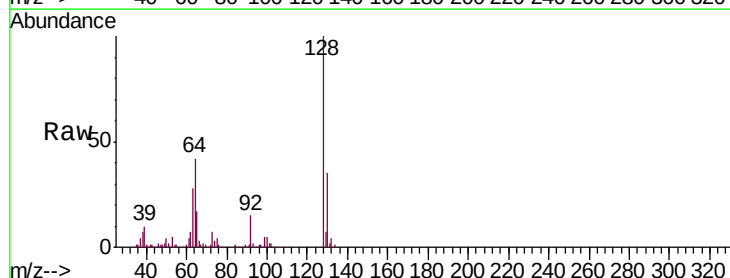
Tgt Ion: 128 Resp: 241440

Ion Ratio Lower Upper

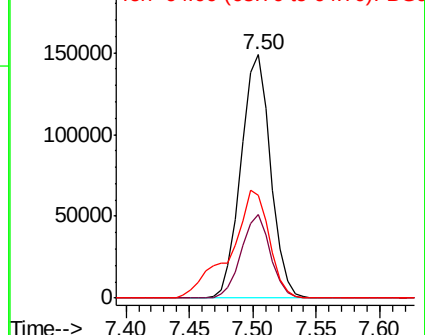
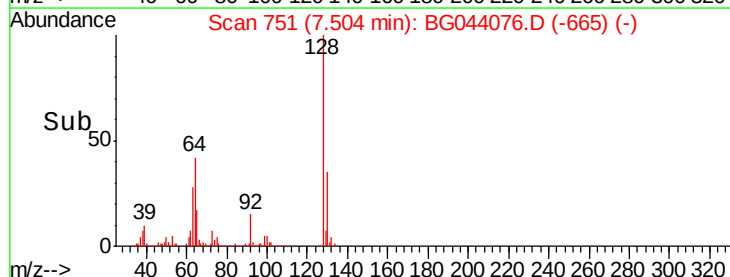
128 100

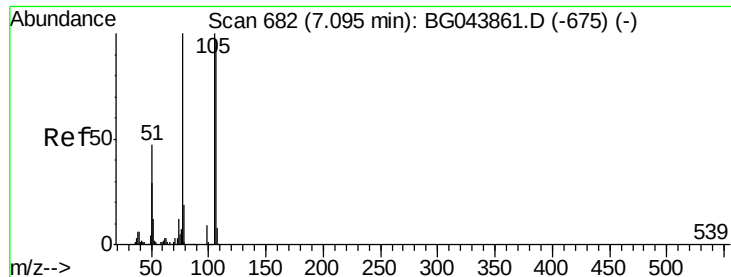
130 34.5 13.8 53.8

64 42.4 27.6 67.6



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





#9

Benzaldehyde

Concen: 32.359 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.03 min

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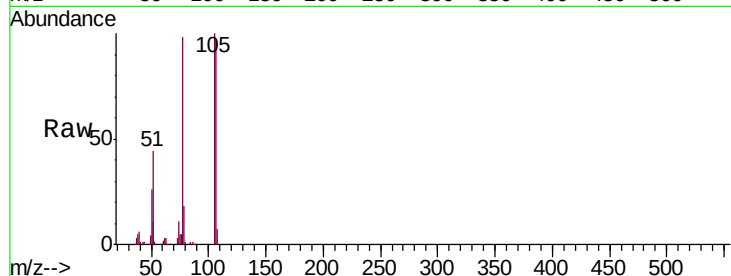
Tgt Ion: 77 Resp: 122444

Ion Ratio Lower Upper

77 100

105 102.1 80.2 120.2

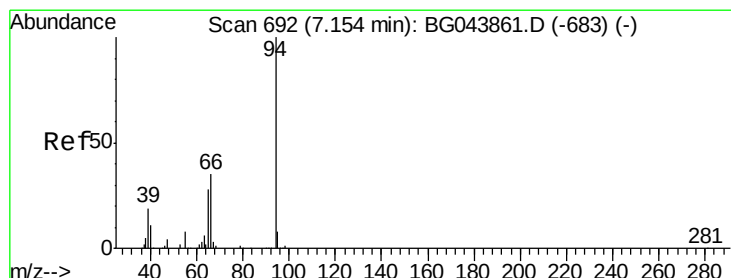
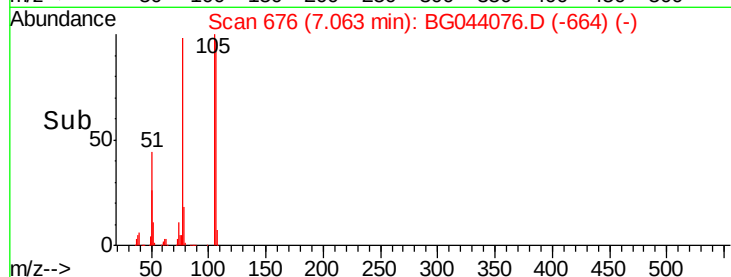
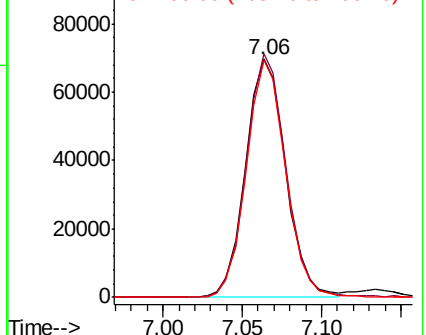
106 99.4 77.2 117.2



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: 49.516 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG044076.D

Acq: 17 Jan 2020 16:02

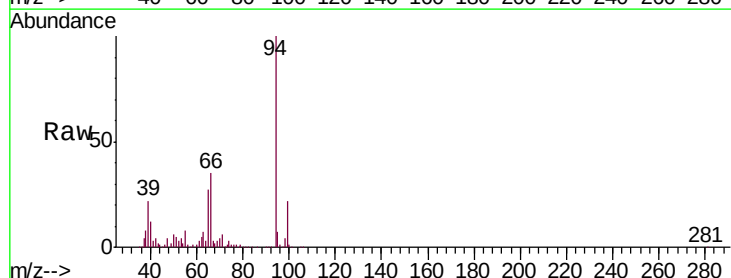
Tgt Ion: 94 Resp: 301629

Ion Ratio Lower Upper

94 100

65 26.7 8.1 48.1

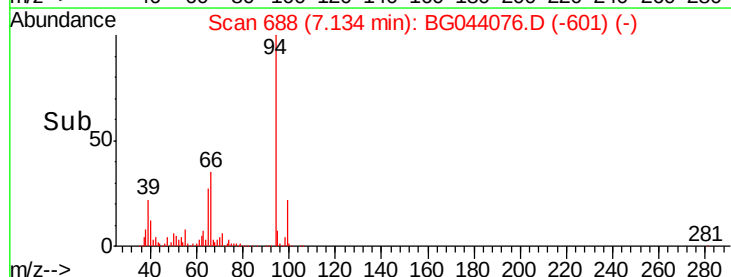
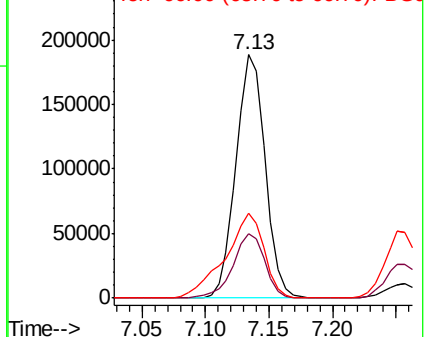
66 34.9 15.6 55.6

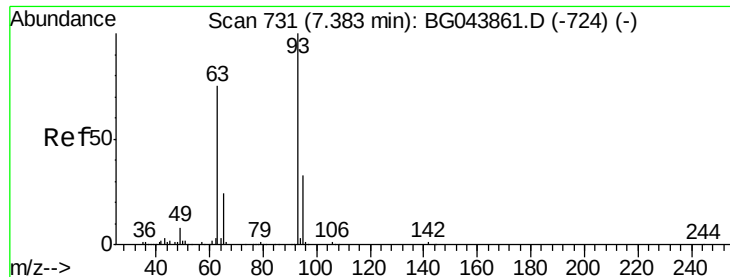


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

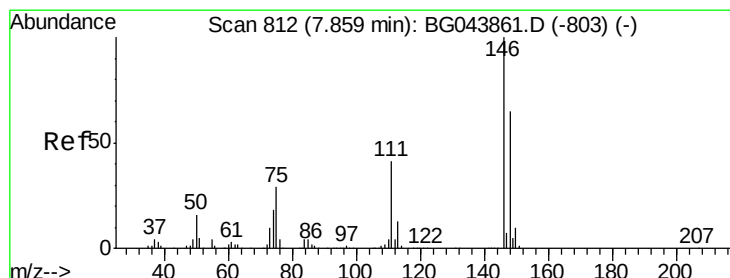
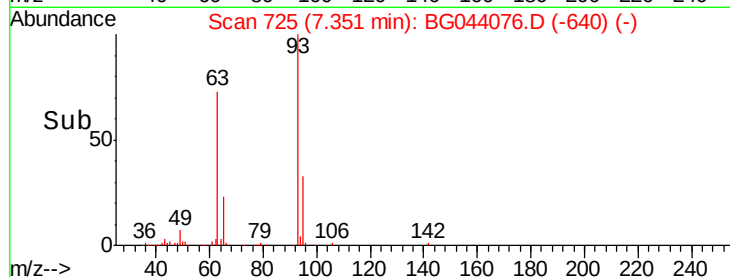
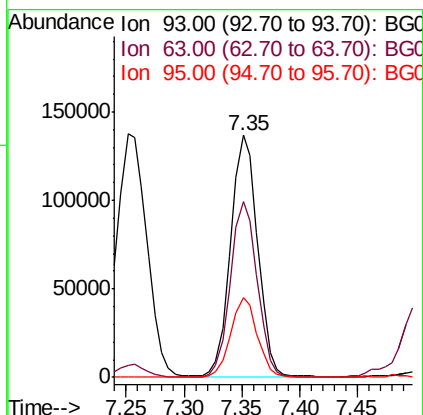
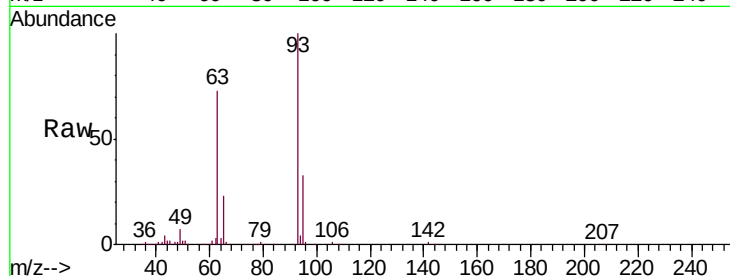




#11
bis(2-Chloroethyl)ether
Concen: 42.385 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.03 min
Lab File: BG044076.D
Acq: 17 Jan 2020 16:02

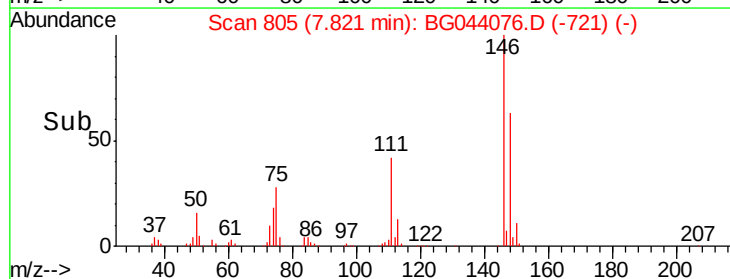
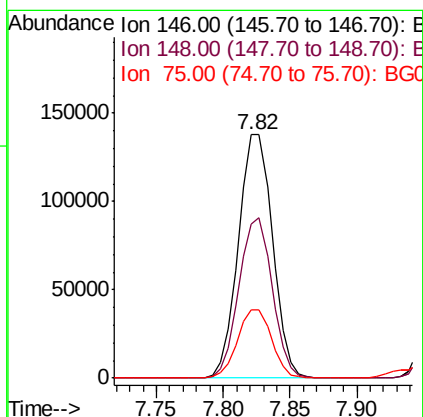
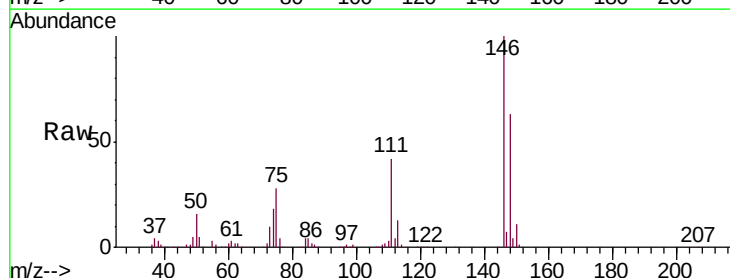
Instrument :
BNA_G
ClientSampleId :
PB126138BS

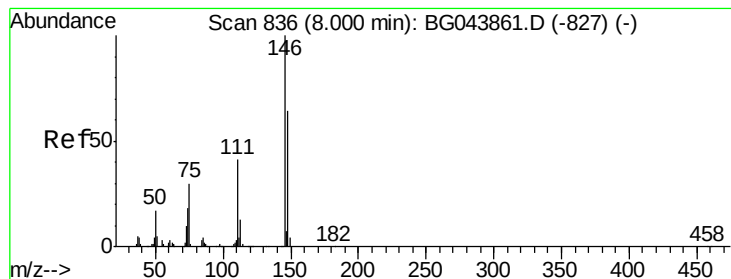
Tgt Ion: 93 Resp: 222868
Ion Ratio Lower Upper
93 100
63 72.6 55.0 95.0
95 33.2 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 42.055 ng
RT: 7.82 min Scan# 805
Delta R.T. -0.04 min
Lab File: BG044076.D
Acq: 17 Jan 2020 16:02

Tgt Ion: 146 Resp: 244365
Ion Ratio Lower Upper
146 100
148 63.3 52.1 78.1
75 28.3 23.0 34.4





#13

1,4-Dichlorobenzene

Concen: 43.045 ng

RT: 7.97 min Scan# 830

Delta R.T. -0.03 min

Lab File: BG044076.D

Acq: 17 Jan 2020 16:02

Instrument :

BNA_G

ClientSampleId :

PB126138BS

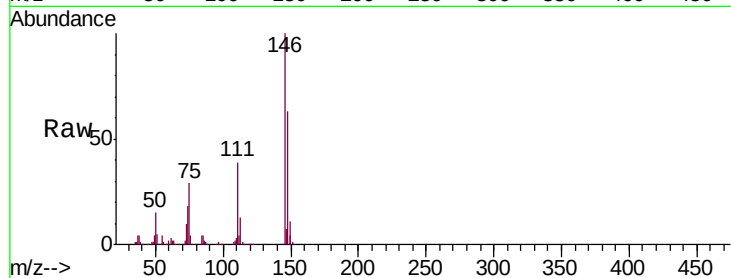
Tgt Ion:146 Resp: 246790

Ion Ratio Lower Upper

146 100

148 62.7 51.2 76.8

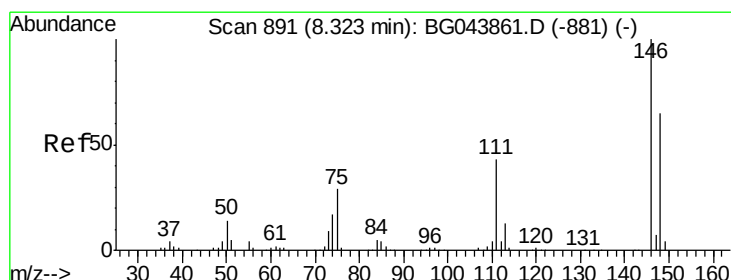
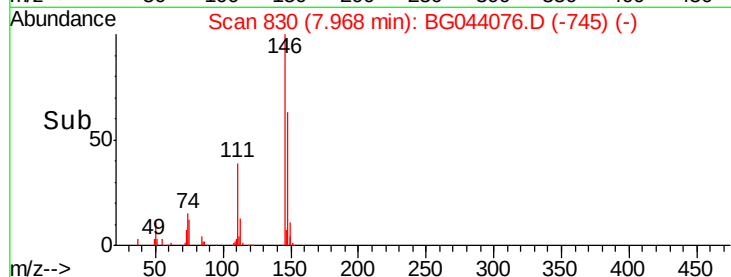
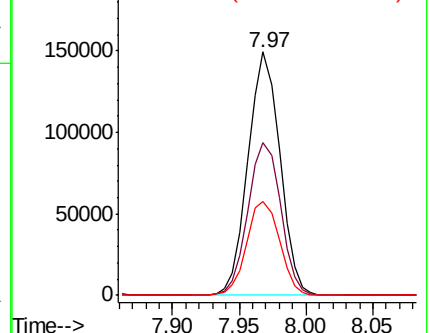
111 38.6 33.1 49.7



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: 42.705 ng

RT: 8.29 min Scan# 884

Delta R.T. -0.04 min

Lab File: BG044076.D

Acq: 17 Jan 2020 16:02

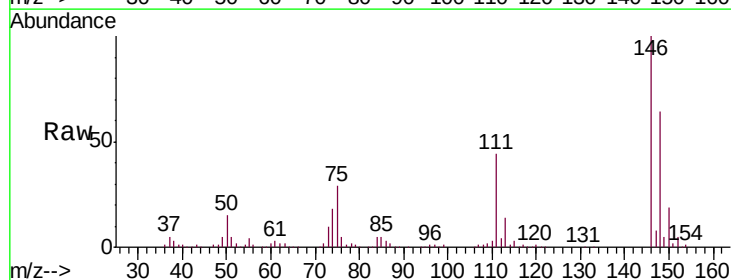
Tgt Ion:146 Resp: 235008

Ion Ratio Lower Upper

146 100

148 63.6 51.7 77.5

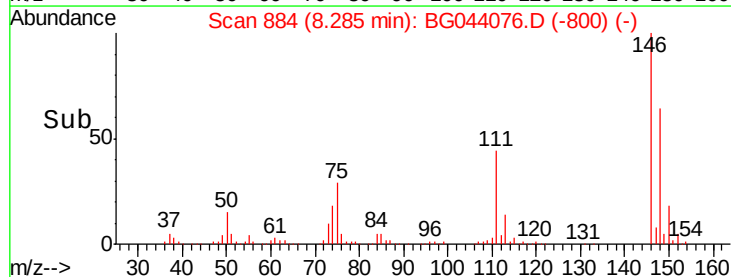
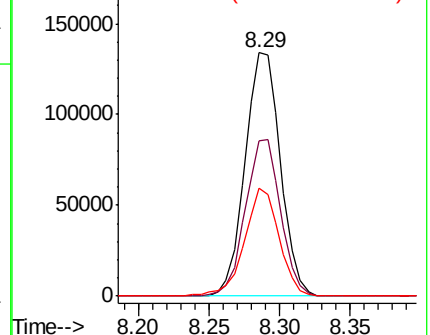
111 44.2 34.4 51.6

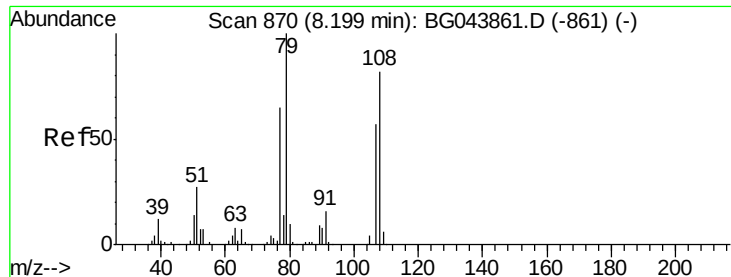


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.838 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.03 min

Lab File: BG044076.D

Acq: 17 Jan 2020 16:02

Instrument :

BNA_G

ClientSampleId :

PB126138BS

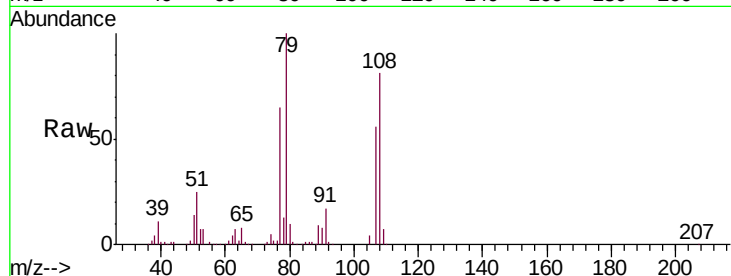
Tgt Ion: 79 Resp: 204553

Ion Ratio Lower Upper

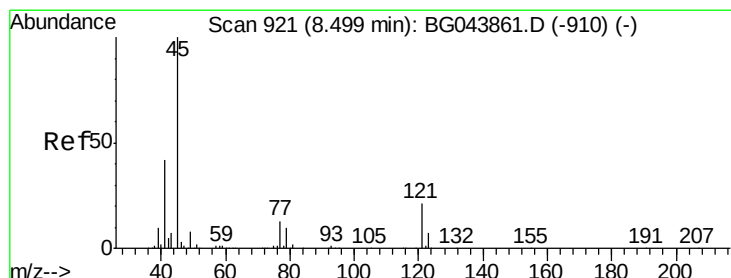
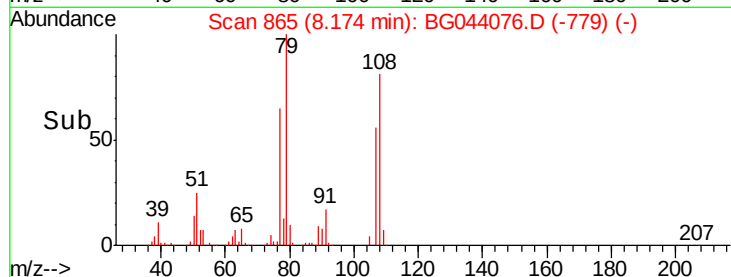
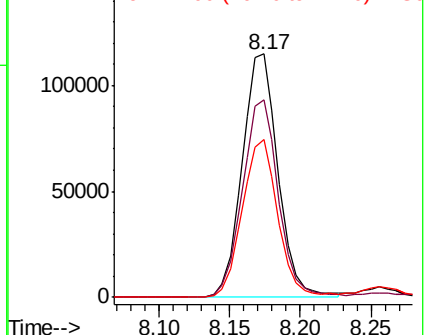
79 100

108 81.1 65.6 98.4

77 65.0 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: 36.956 ng

RT: 8.46 min Scan# 914

Delta R.T. -0.04 min

Lab File: BG044076.D

Acq: 17 Jan 2020 16:02

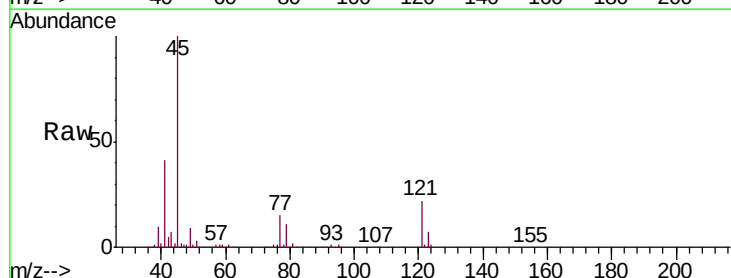
Tgt Ion: 45 Resp: 300636

Ion Ratio Lower Upper

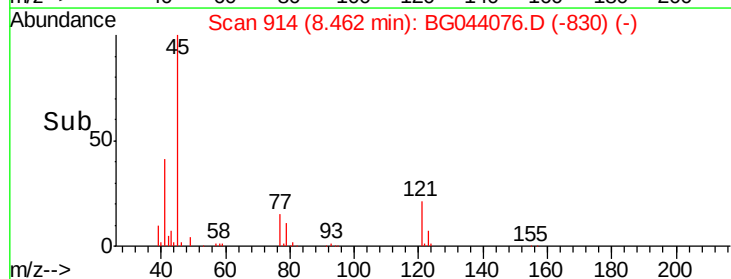
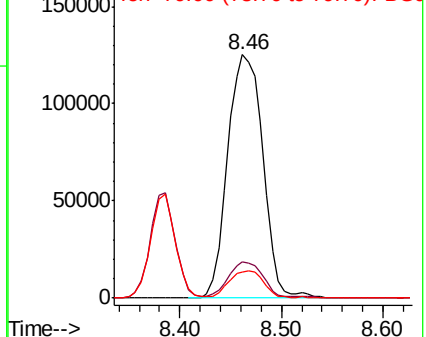
45 100

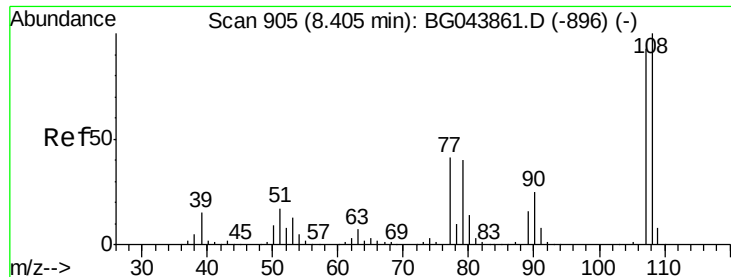
77 14.8 0.0 33.8

79 10.9 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

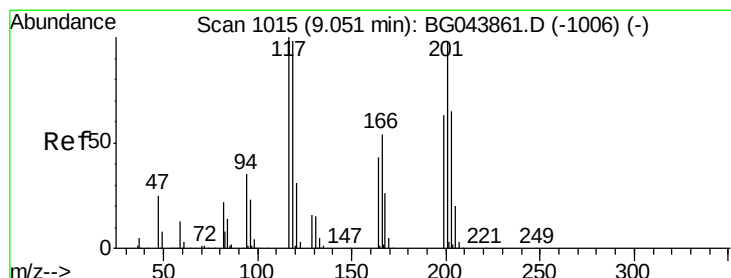
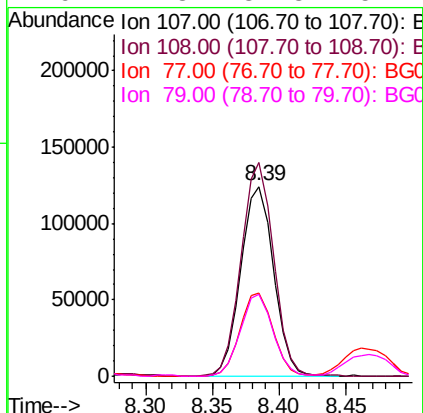
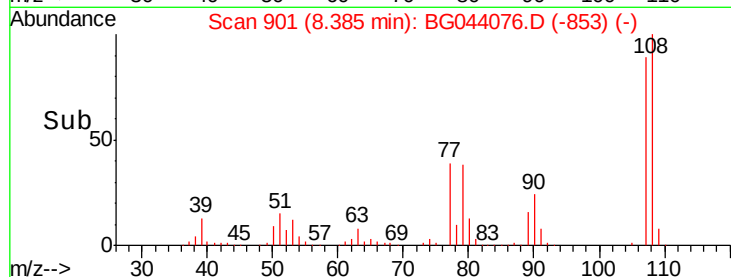
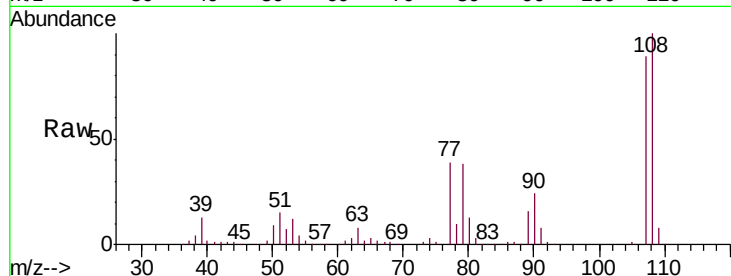




#17
2-Methylphenol
Concen: 48.039 ng
RT: 8.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BG044076.D
Acq: 17 Jan 2020 16:02

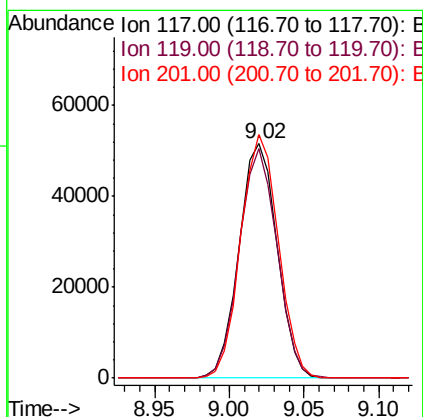
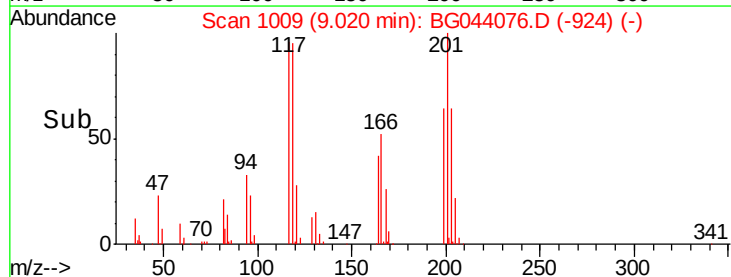
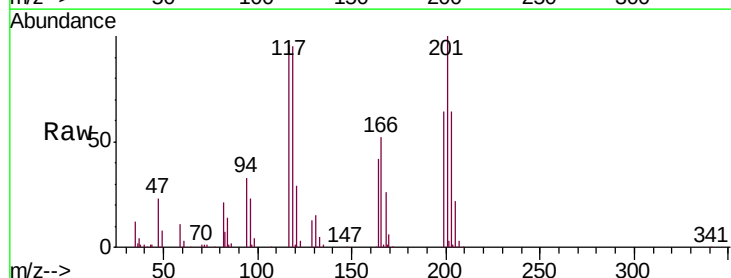
Instrument :
BNA_G
ClientSampleId :
PB126138BS

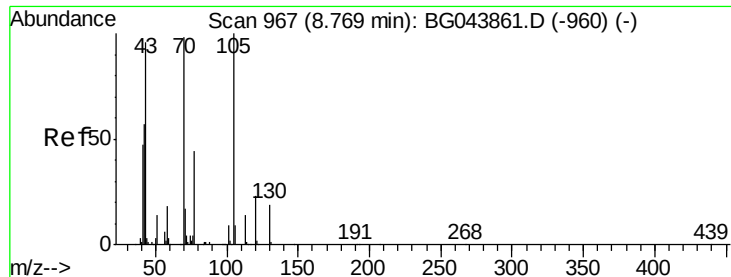
Tgt Ion:107 Resp: 211762
Ion Ratio Lower Upper
107 100
108 112.4 86.1 129.1
77 43.6 35.4 53.0
79 42.8 34.8 52.2



#18
Hexachloroethane
Concen: 40.873 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.03 min
Lab File: BG044076.D
Acq: 17 Jan 2020 16:02

Tgt Ion:117 Resp: 91183
Ion Ratio Lower Upper
117 100
119 98.2 78.1 117.1
201 103.9 78.6 117.8

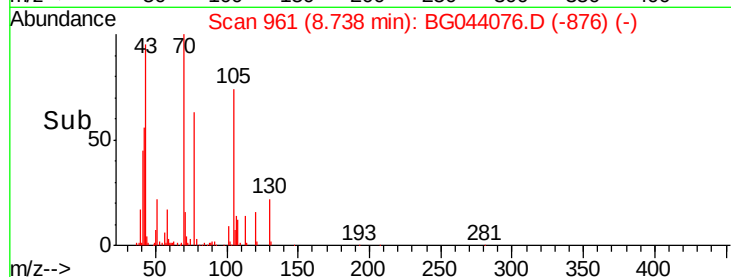
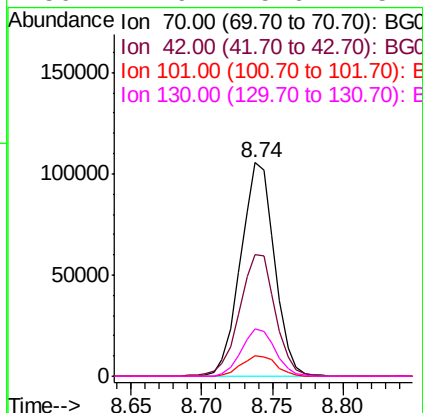
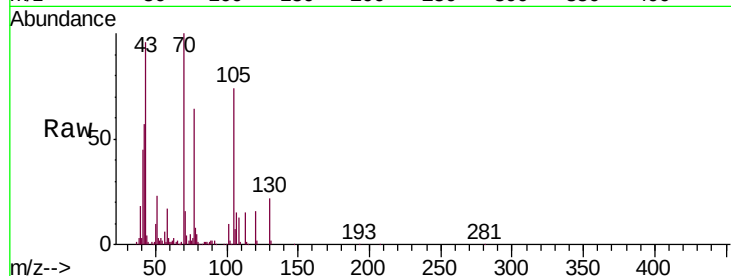




#19
n-Nitroso-di-n-propylamine
Concen: 40.233 ng
RT: 8.74 min Scan# 961
Delta R.T. -0.03 min
Lab File: BG044076.D
Acq: 17 Jan 2020 16:02

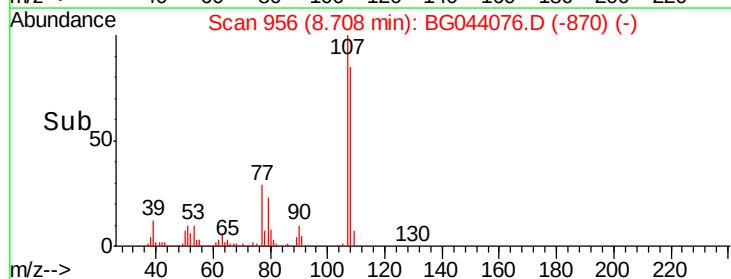
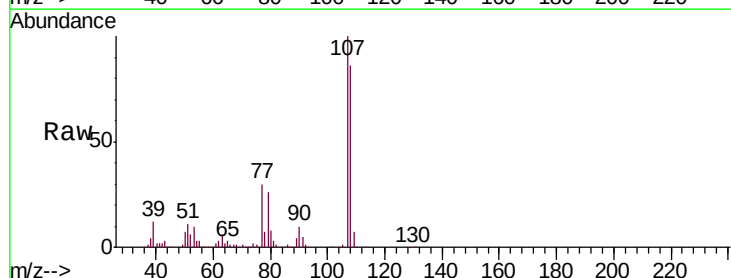
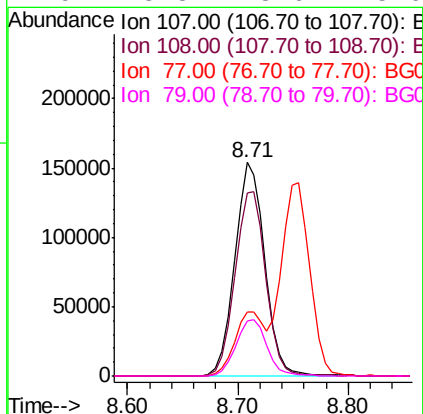
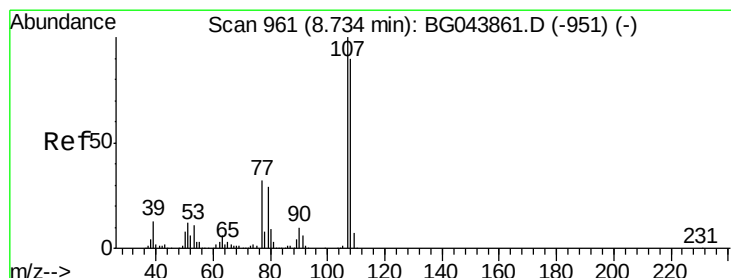
Instrument :
BNA_G
ClientSampleId :
PB126138BS

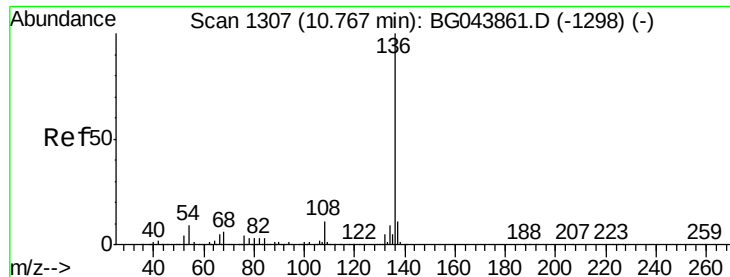
Tgt Ion:	70	Resp:	177144
Ion	Ratio	Lower	Upper
70	100		
42	56.7	47.0	70.4
101	9.6	7.2	10.8
130	21.9	15.6	23.4



#20
3+4-Methylphenols
Concen: 47.663 ng
RT: 8.71 min Scan# 956
Delta R.T. -0.03 min
Lab File: BG044076.D
Acq: 17 Jan 2020 16:02

Tgt Ion:	107	Resp:	293102
Ion	Ratio	Lower	Upper
107	100		
108	85.7	70.3	110.3
77	30.0	12.4	52.4
79	25.8	8.6	48.6

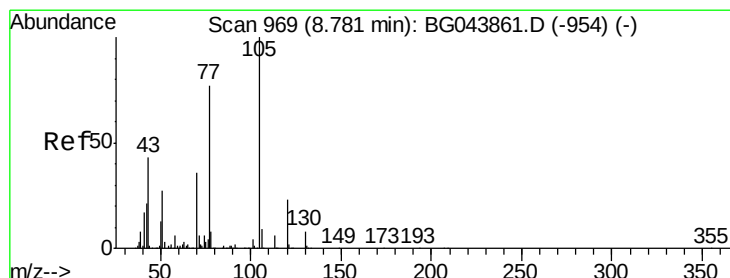
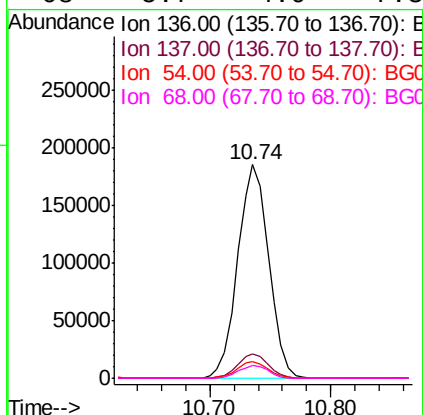
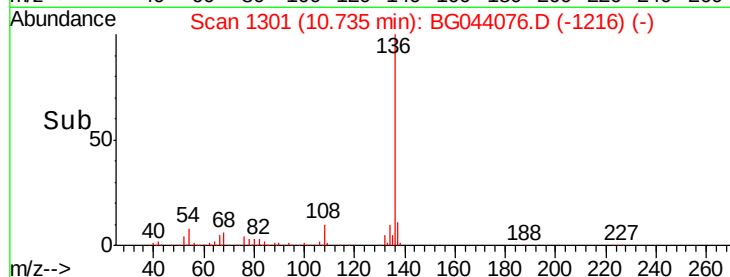
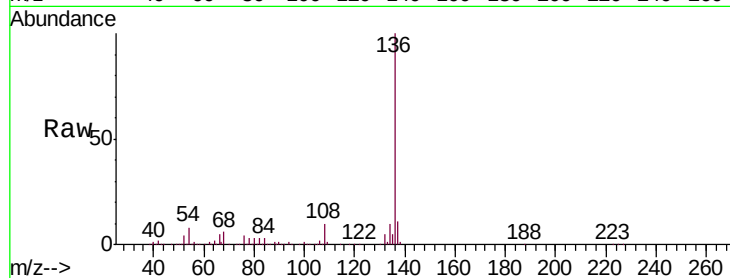




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BG044076.D
Acq: 17 Jan 2020 16:02

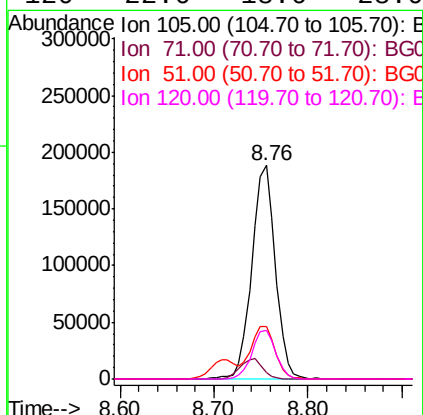
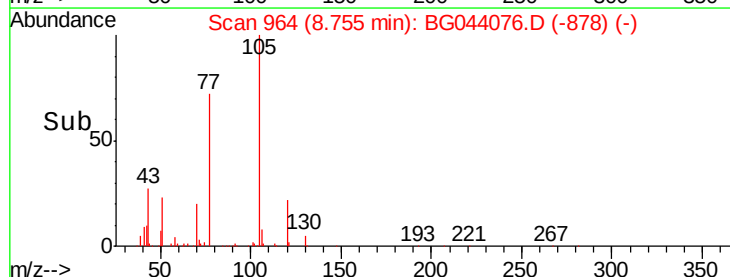
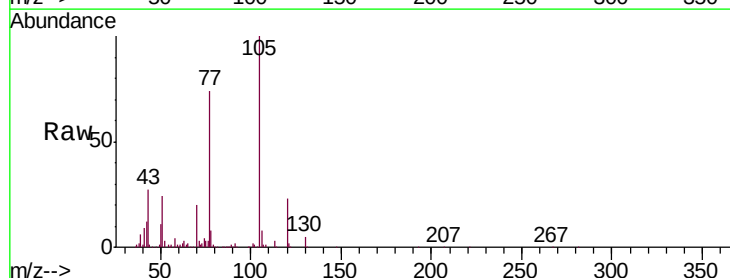
Instrument :
BNA_G
ClientSampleId :
PB126138BS

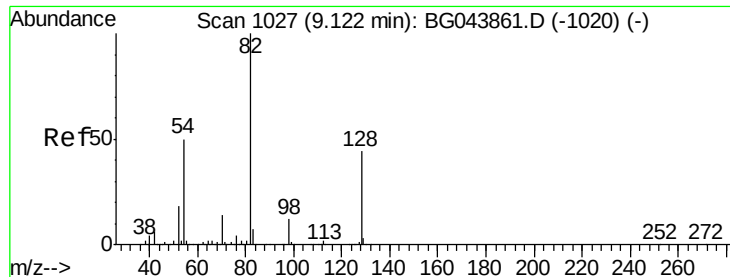
Tgt Ion:	136	Resp:	331593
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	7.6	7.0	10.4
68	5.7	4.9	7.3



#22
Acetophenone
Concen: 39.714 ng
RT: 8.76 min Scan# 964
Delta R.T. -0.03 min
Lab File: BG044076.D
Acq: 17 Jan 2020 16:02

Tgt Ion:	105	Resp:	327393
Ion	Ratio	Lower	Upper
105	100		
71	3.2	4.8	7.2#
51	24.3	21.4	32.0
120	22.6	18.6	28.0

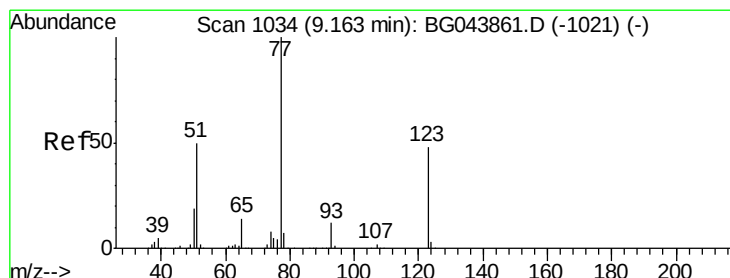
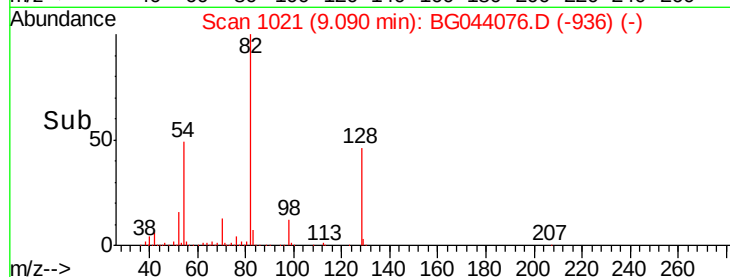
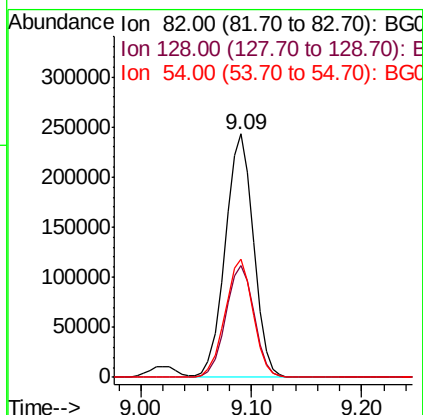
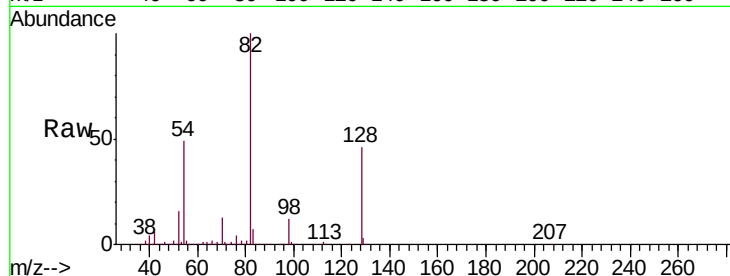




#23
Nitrobenzene-d5
Concen: 70.198 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BG044076.D
Acq: 17 Jan 2020 16:02

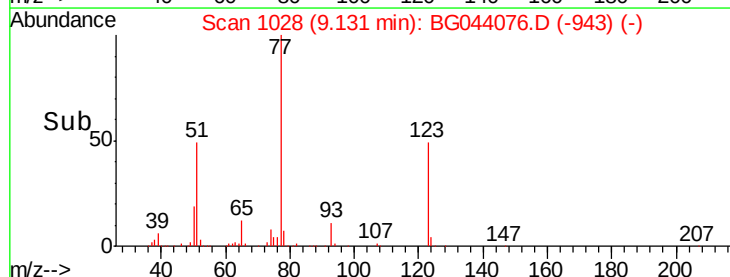
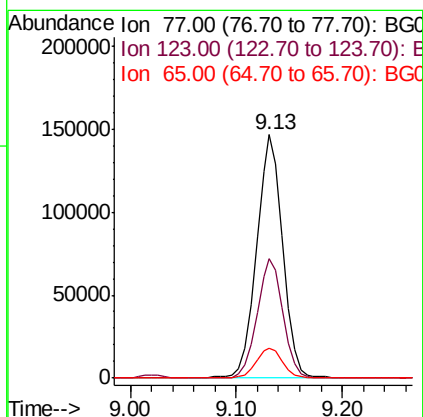
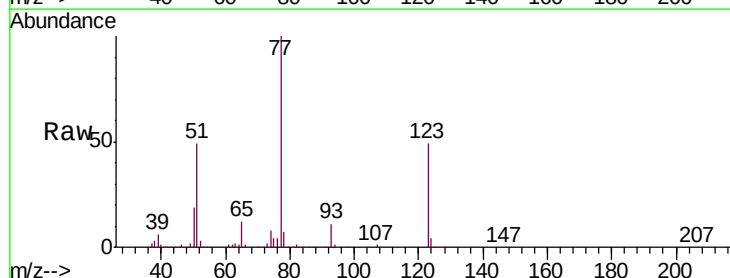
Instrument :
BNA_G
ClientSampleId :
PB126138BS

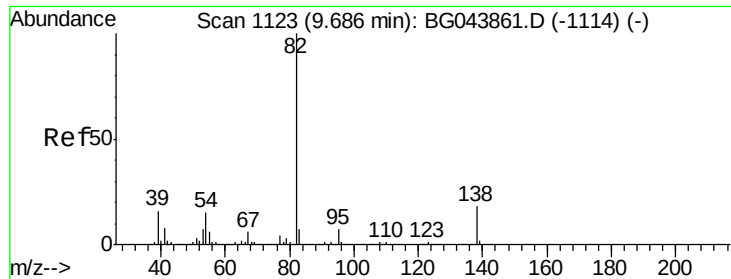
Tgt Ion: 82 Resp: 435119
Ion Ratio Lower Upper
82 100
128 45.9 35.1 52.7
54 48.6 40.1 60.1



#24
Nitrobenzene
Concen: 40.957 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.03 min
Lab File: BG044076.D
Acq: 17 Jan 2020 16:02

Tgt Ion: 77 Resp: 251439
Ion Ratio Lower Upper
77 100
123 49.3 38.7 58.1
65 12.4 11.1 16.7





#25

Isophorone

Concen: 41.600 ng

RT: 9.66 min Scan# 1118

Delta R.T. -0.03 min

Lab File: BG044076.D

Acq: 17 Jan 2020 16:02

Instrument :

BNA_G

ClientSampleId :

PB126138BS

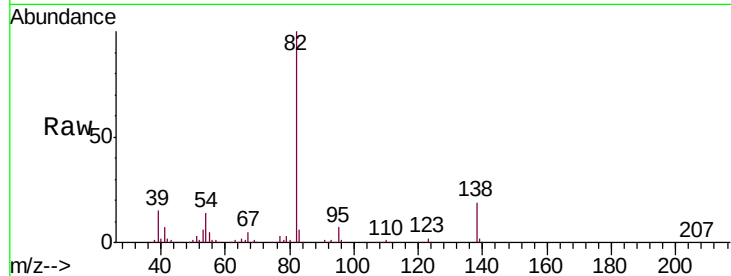
Tgt Ion: 82 Resp: 483761

Ion Ratio Lower Upper

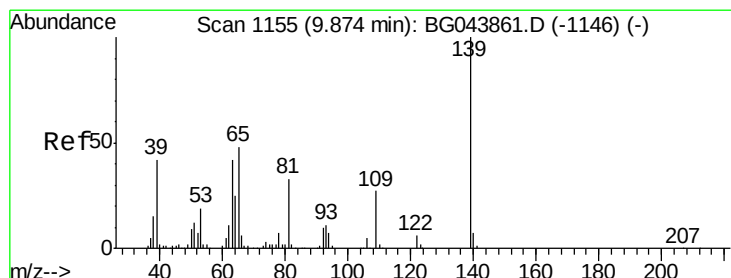
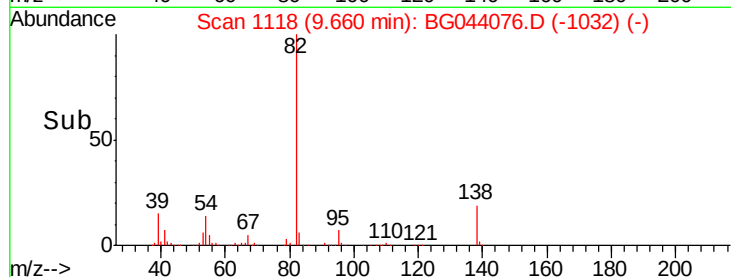
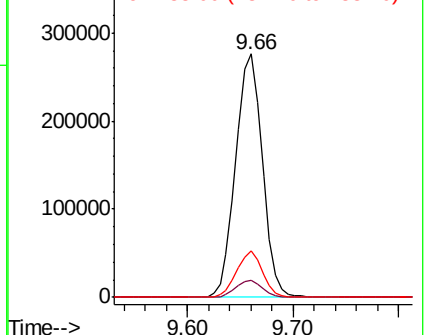
82 100

95 7.0 5.8 8.6

138 19.0 14.6 22.0



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



#26

2-Nitrophenol

Concen: 47.955 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.03 min

Lab File: BG044076.D

Acq: 17 Jan 2020 16:02

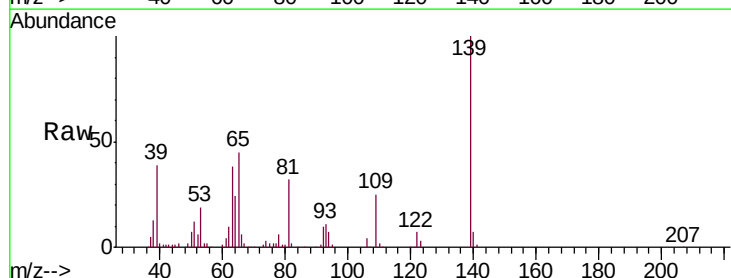
Tgt Ion: 139 Resp: 139286

Ion Ratio Lower Upper

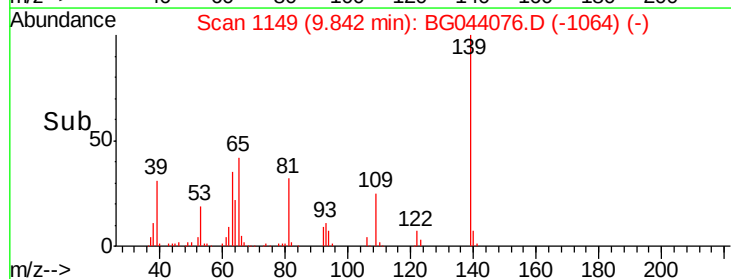
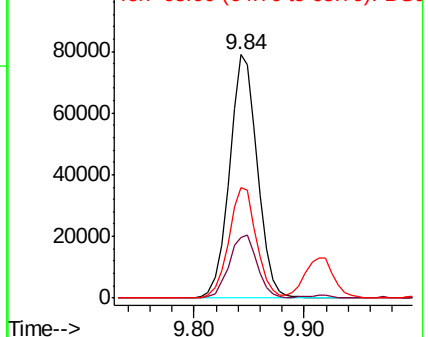
139 100

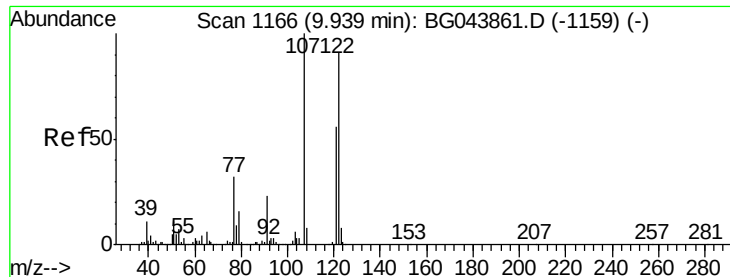
109 24.7 21.3 31.9

65 45.3 38.6 57.8



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

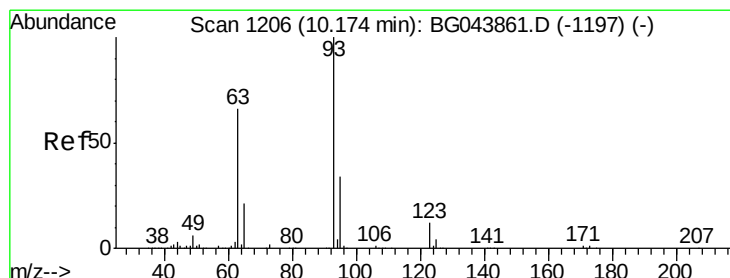
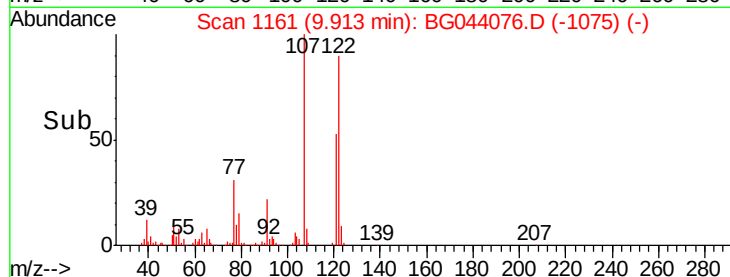
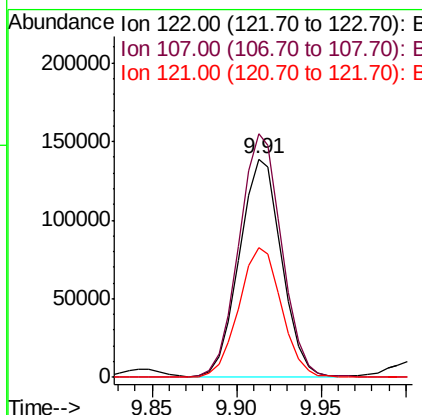
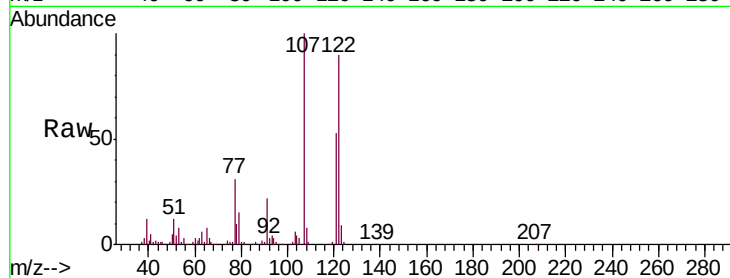




#27
2,4-Dimethylphenol
Concen: 54.929 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.03 min
Lab File: BG044076.D
Acq: 17 Jan 2020 16:02

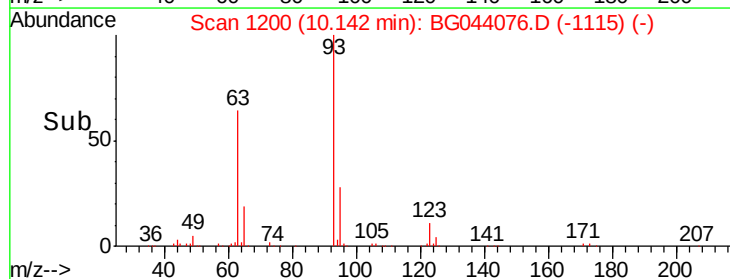
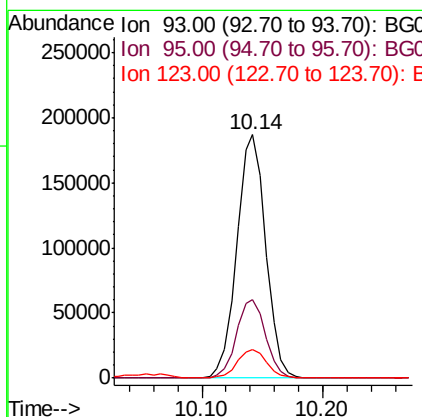
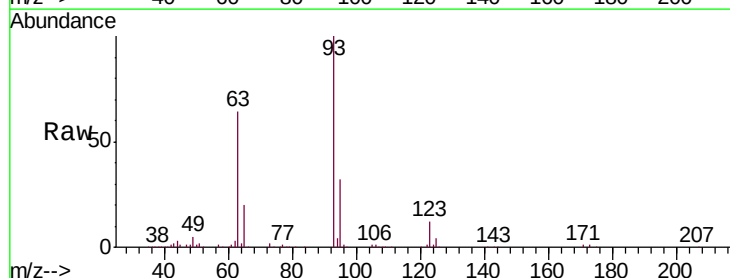
Instrument :
BNA_G
ClientSampleId :
PB126138BS

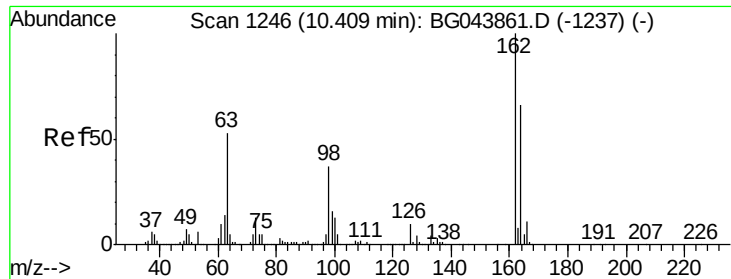
Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.4	88.0	132.0
121	59.1	49.0	73.4



#28
bis(2-Chloroethoxy)methane
Concen: 40.152 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.03 min
Lab File: BG044076.D
Acq: 17 Jan 2020 16:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	27.2	40.8
123	11.7	9.7	14.5

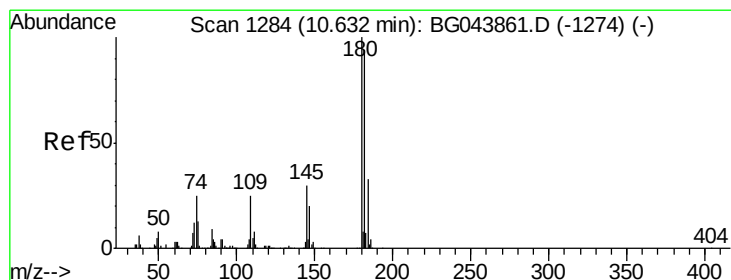
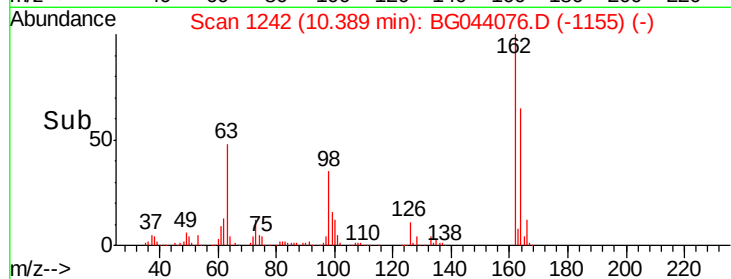
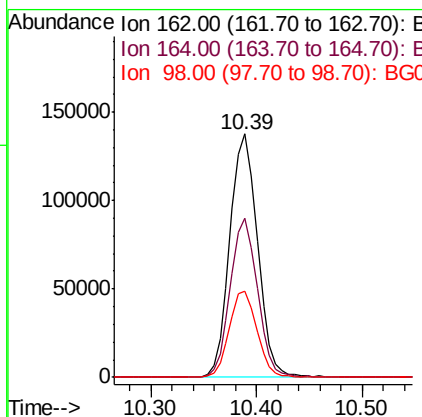
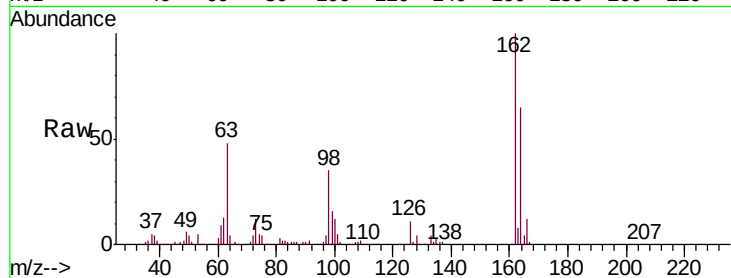




#29
2,4-Dichlorophenol
Concen: 47.840 ng
RT: 10.39 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BG044076.D
Acq: 17 Jan 2020 16:02

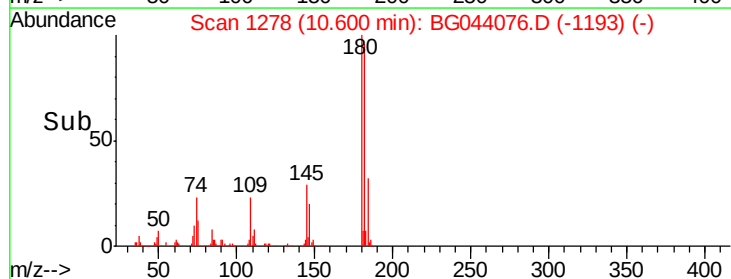
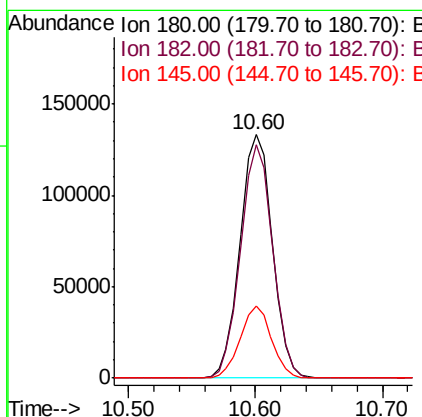
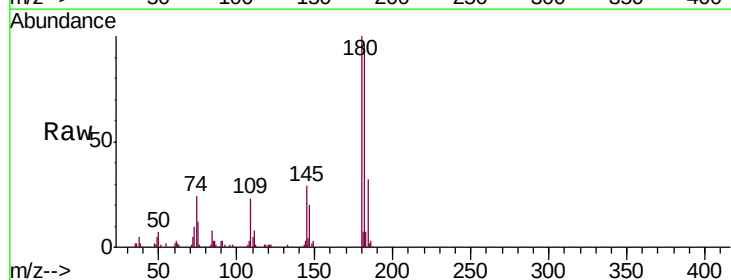
Instrument :
BNA_G
ClientSampleId :
PB126138BS

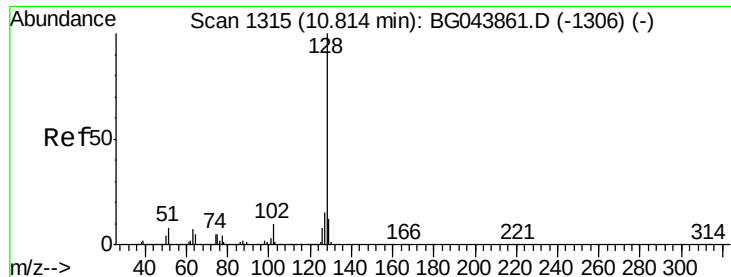
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.2	46.3	86.3
98	35.4	17.3	57.3



#30
1,2,4-Trichlorobenzene
Concen: 40.388 ng
RT: 10.60 min Scan# 1278
Delta R.T. -0.03 min
Lab File: BG044076.D
Acq: 17 Jan 2020 16:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.0	112.4
145	29.4	24.2	36.4

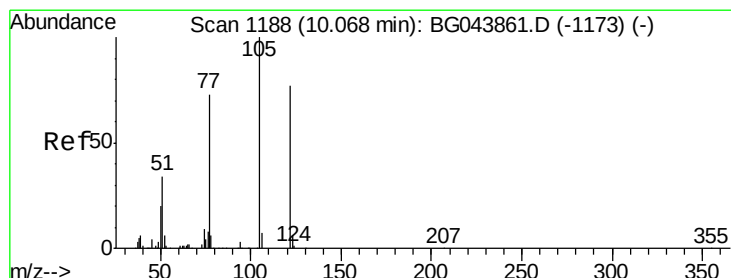
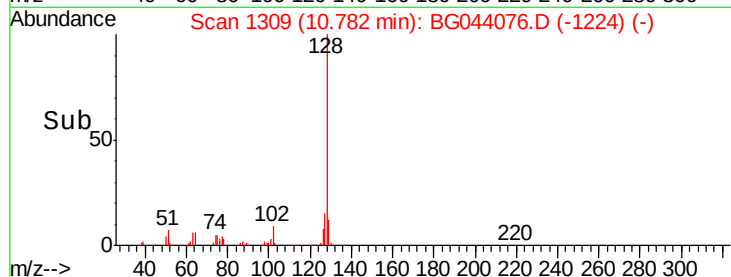
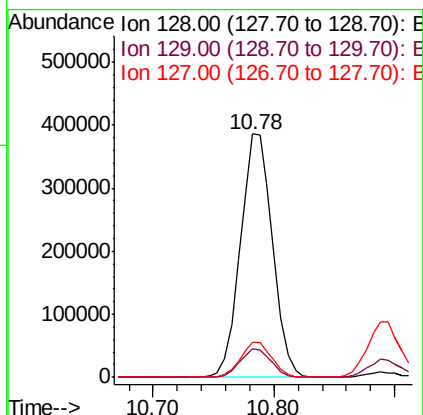
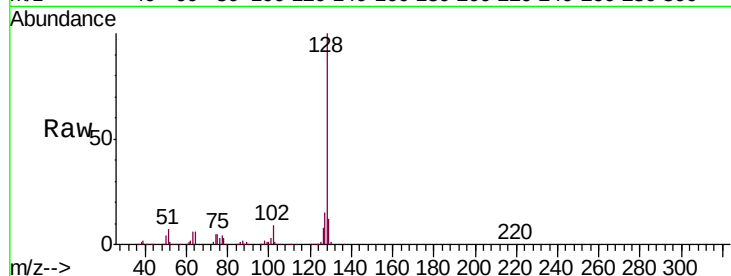




#31
Naphthalene
Concen: 44.313 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.03 min
Lab File: BG044076.D
Acq: 17 Jan 2020 16:02

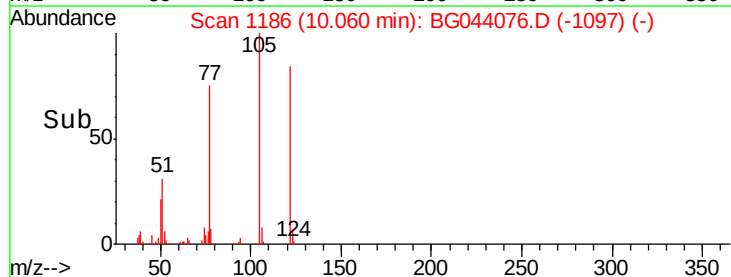
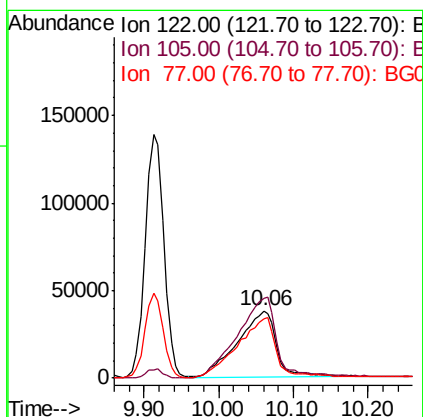
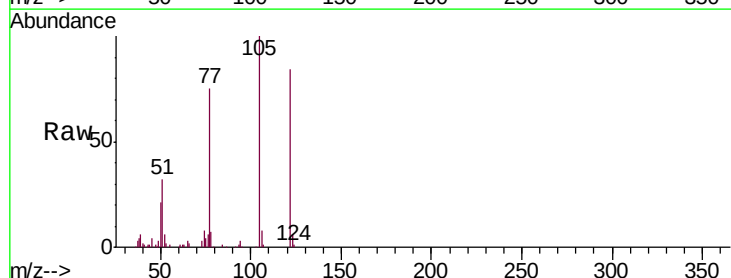
Instrument :
BNA_G
ClientSampleId :
PB126138BS

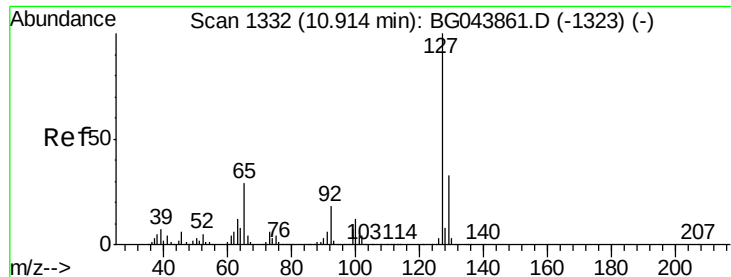
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.8	14.6
127	14.5	12.0	18.0



#32
Benzoic acid
Concen: 39.437 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG044076.D
Acq: 17 Jan 2020 16:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.5	106.4	146.4
77	89.2	74.6	114.6

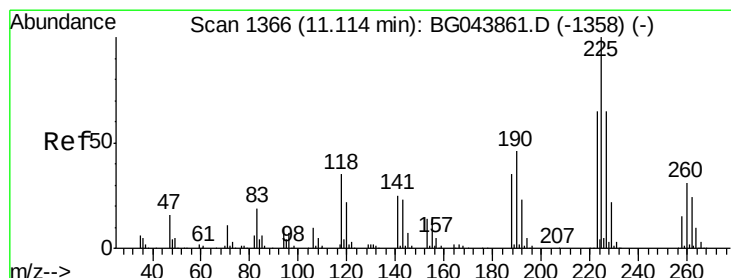
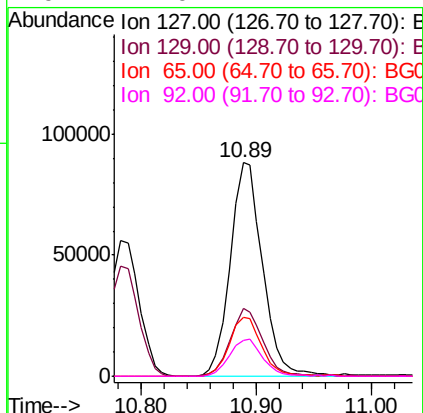
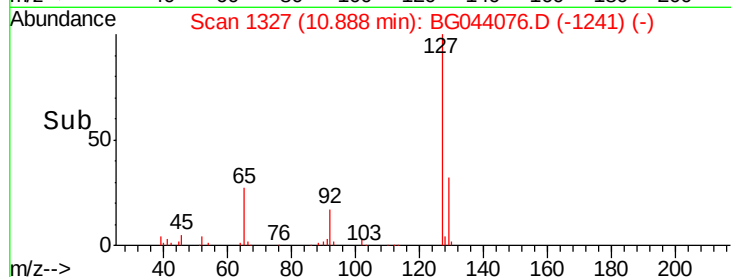
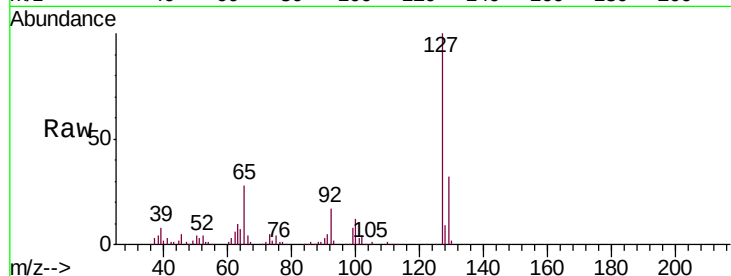




#33
4-Chloroaniline
Concen: 22.328 ng
RT: 10.89 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BG044076.D
Acq: 17 Jan 2020 16:02

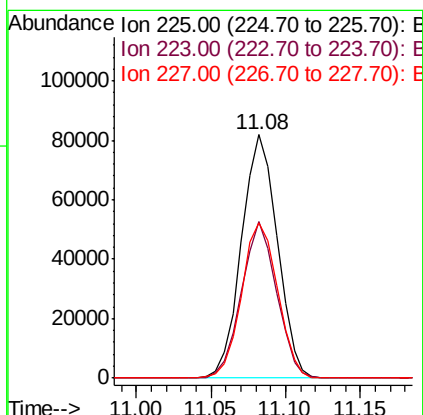
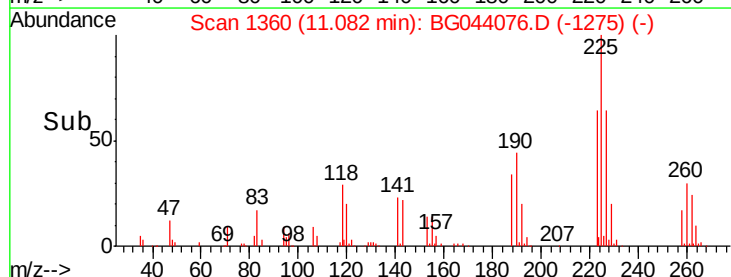
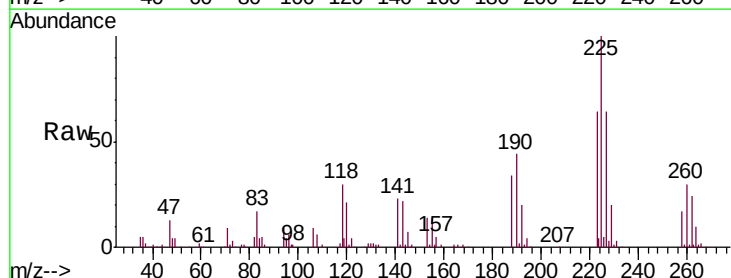
Instrument :
BNA_G
ClientSampleId :
PB126138BS

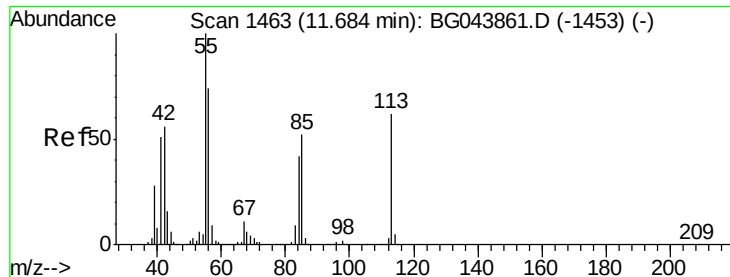
Tgt Ion:	127	Resp:	170888
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.6	40.0
65	27.7	23.3	34.9
92	17.0	14.7	22.1



#34
Hexachlorobutadiene
Concen: 38.094 ng
RT: 11.08 min Scan# 1360
Delta R.T. -0.03 min
Lab File: BG044076.D
Acq: 17 Jan 2020 16:02

Tgt Ion:	225	Resp:	136006
Ion	Ratio	Lower	Upper
225	100		
223	64.4	52.2	78.4
227	63.6	52.1	78.1





#35

Caprolactam

Concen: 38.456 ng

RT: 11.66 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BG044076.D

Acq: 17 Jan 2020 16:02

Instrument :

BNA_G

ClientSampleId :

PB126138BS

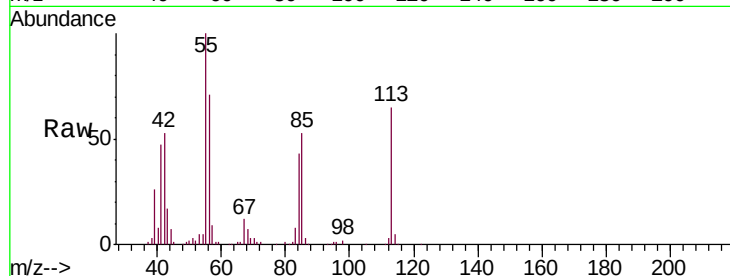
Tgt Ion:113 Resp: 74661

Ion Ratio Lower Upper

113 100

55 154.0 142.5 182.5

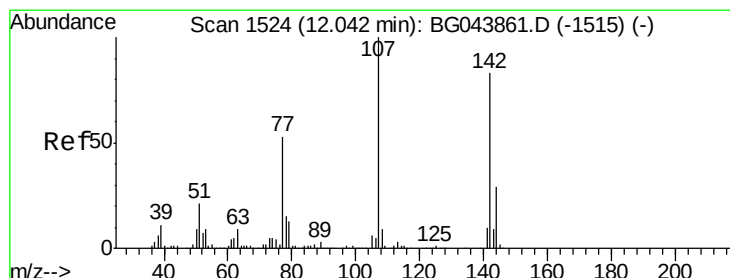
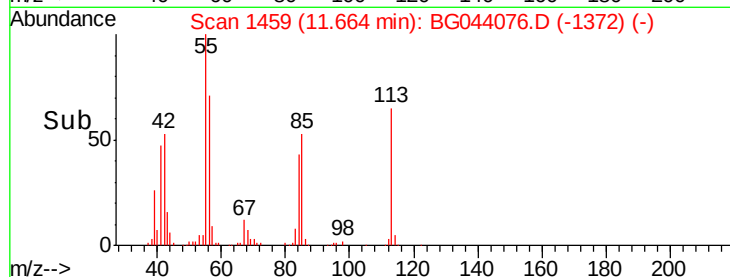
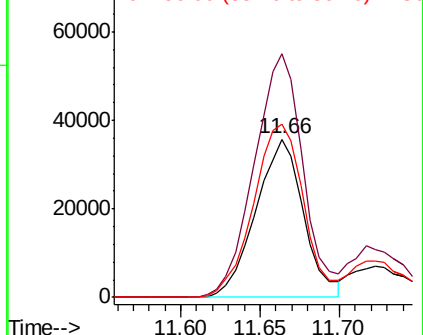
56 109.9 101.4 141.4



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: 49.564 ng

RT: 12.03 min Scan# 1521

Delta R.T. -0.01 min

Lab File: BG044076.D

Acq: 17 Jan 2020 16:02

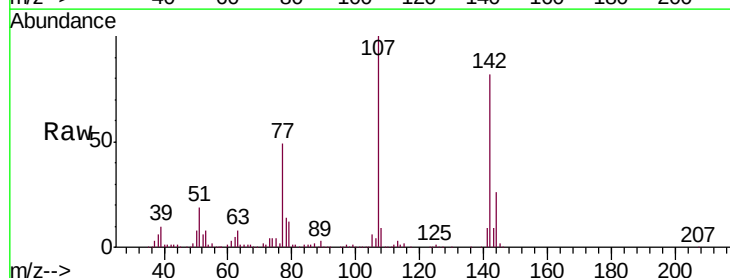
Tgt Ion:107 Resp: 275173

Ion Ratio Lower Upper

107 100

144 26.2 23.4 35.2

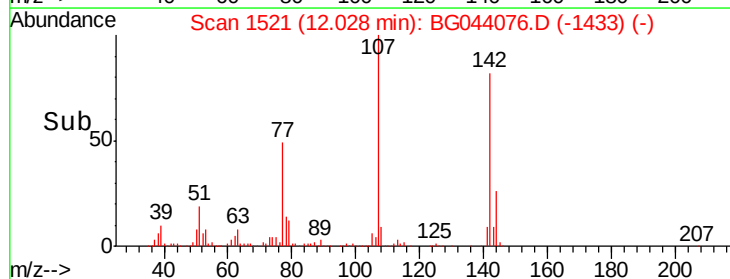
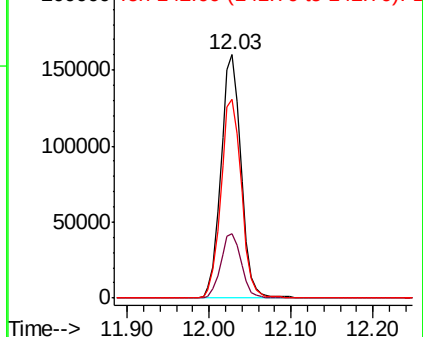
142 81.8 66.3 99.5

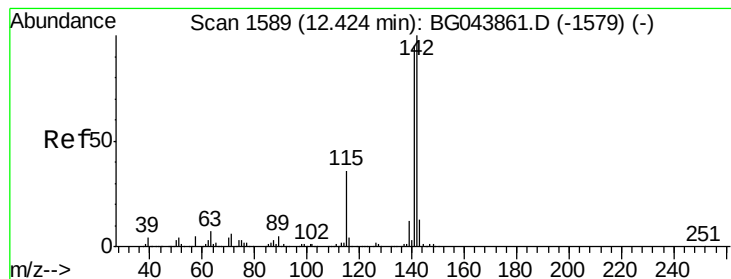


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.210 ng

RT: 12.39 min Scan# 1583

Delta R.T. -0.03 min

Lab File: BG044076.D

Acq: 17 Jan 2020 16:02

Instrument :

BNA_G

ClientSampleId :

PB126138BS

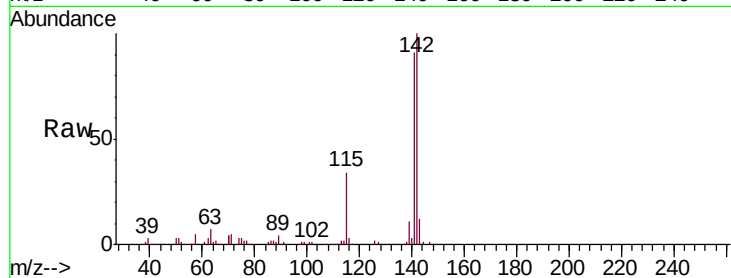
Tgt Ion:142 Resp: 534084

Ion Ratio Lower Upper

142 100

141 90.9 75.8 113.8

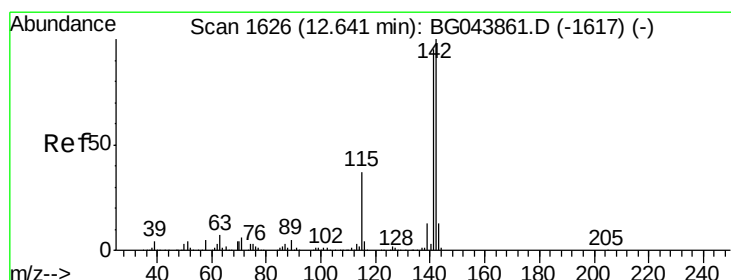
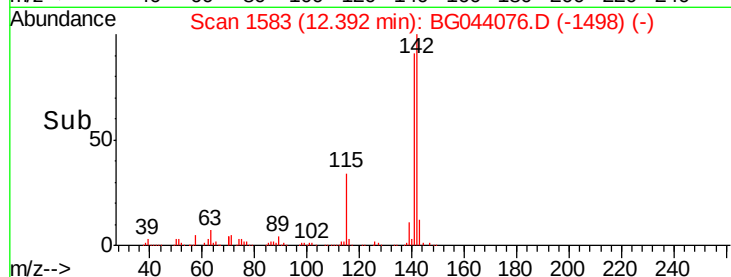
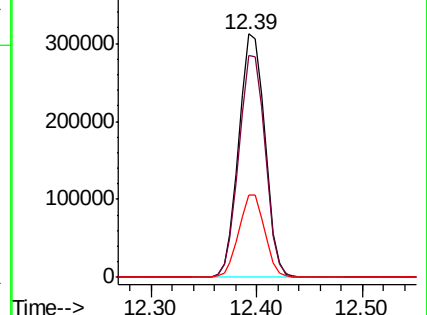
115 33.6 28.6 42.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 44.845 ng

RT: 12.62 min Scan# 1621

Delta R.T. -0.03 min

Lab File: BG044076.D

Acq: 17 Jan 2020 16:02

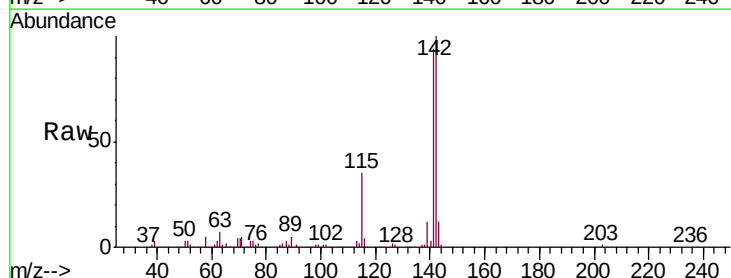
Tgt Ion:142 Resp: 513454

Ion Ratio Lower Upper

142 100

141 94.0 76.0 114.0

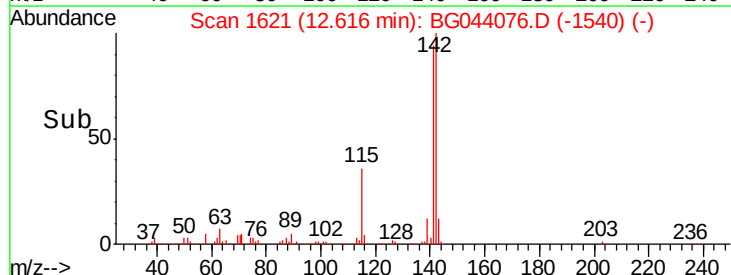
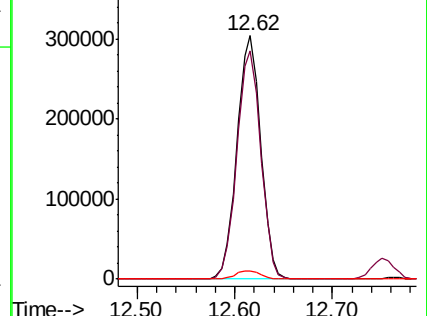
116 3.5 3.1 4.7

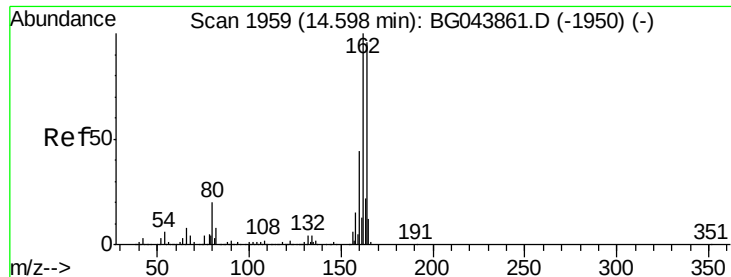


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.03 min

Lab File: BG044076.D

Acq: 17 Jan 2020 16:02

Instrument :

BNA_G

ClientSampleId :

PB126138BS

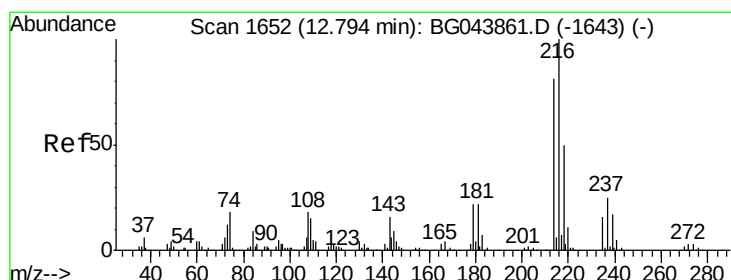
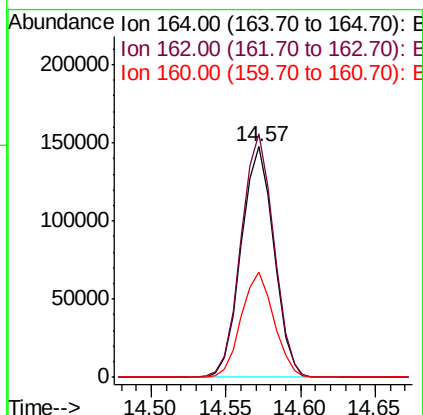
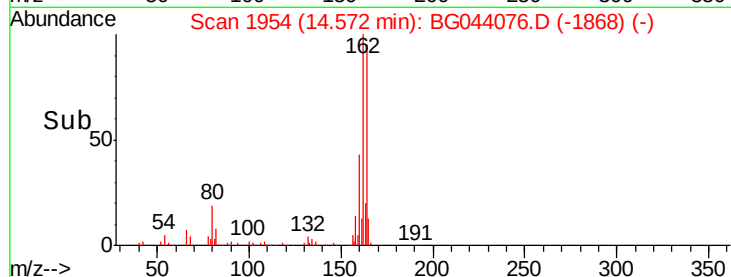
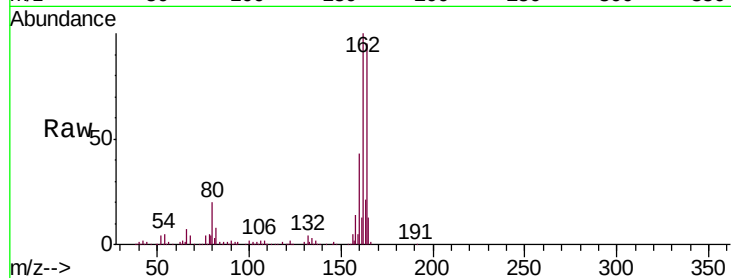
Tgt Ion:164 Resp: 223933

Ion Ratio Lower Upper

164 100

162 105.7 83.0 124.4

160 45.6 36.1 54.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.988 ng

RT: 12.77 min Scan# 1647

Delta R.T. -0.03 min

Lab File: BG044076.D

Acq: 17 Jan 2020 16:02

Tgt Ion:216 Resp: 249331

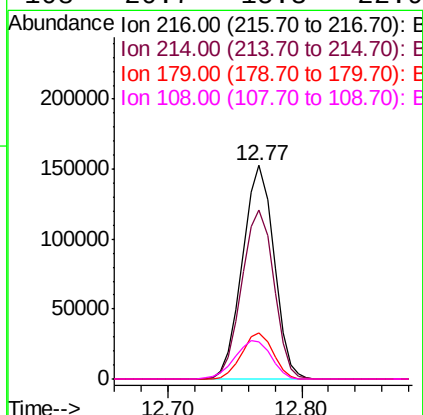
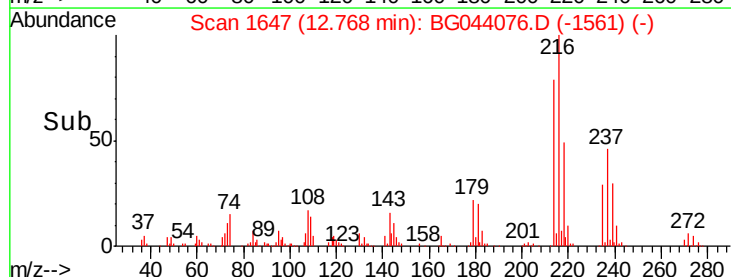
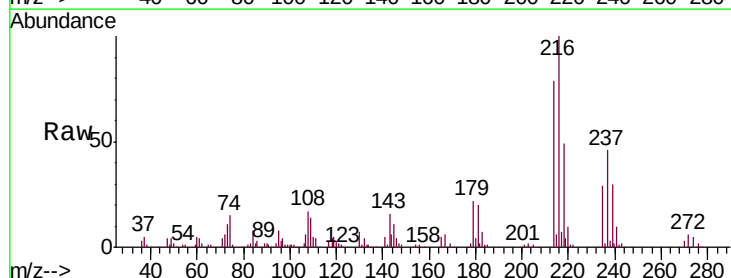
Ion Ratio Lower Upper

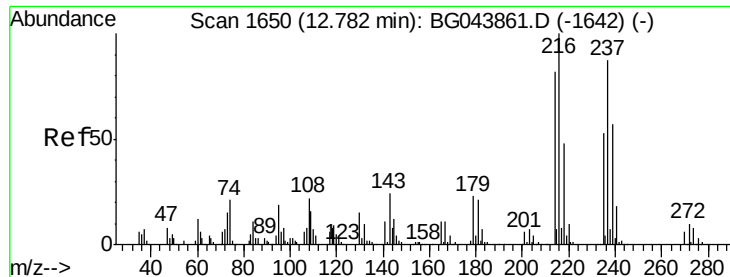
216 100

214 80.4 63.8 95.8

179 21.4 17.3 25.9

108 20.7 15.3 22.9





#41

Hexachlorocyclopentadiene

Concen: 100.857 ng

RT: 12.75 min Scan# 1644

Delta R.T. -0.03 min

Lab File: BG044076.D

Acq: 17 Jan 2020 16:02

Instrument :

BNA_G

ClientSampleId :

PB126138BS

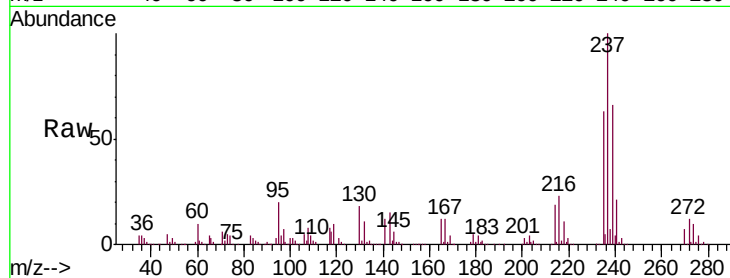
Tgt Ion: 237 Resp: 343193

Ion Ratio Lower Upper

237 100

235 62.6 41.1 81.1

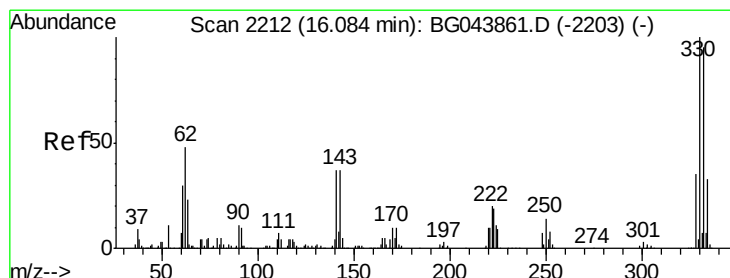
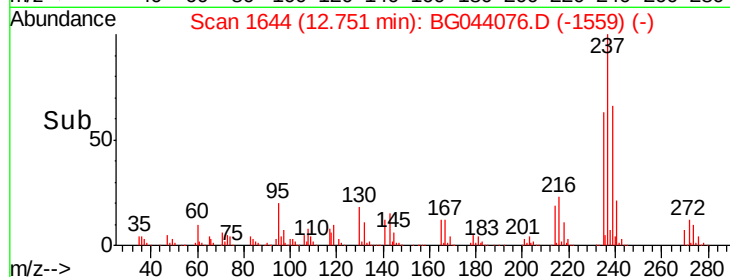
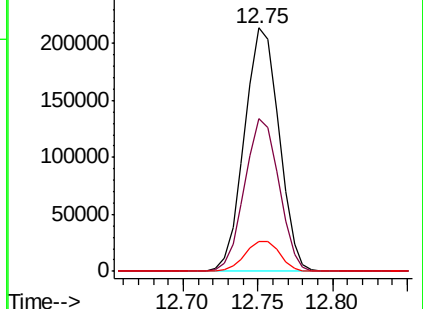
272 12.4 0.0 31.7



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 143.414 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BG044076.D

Acq: 17 Jan 2020 16:02

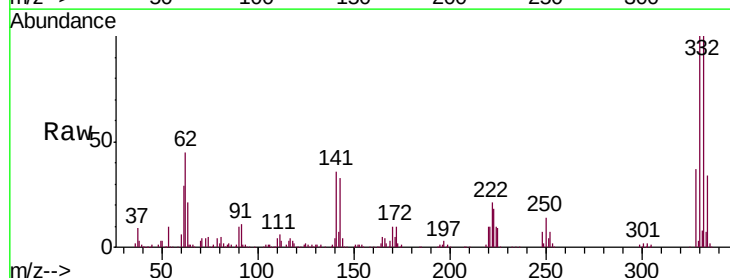
Tgt Ion: 330 Resp: 336079

Ion Ratio Lower Upper

330 100

332 96.3 77.2 115.8

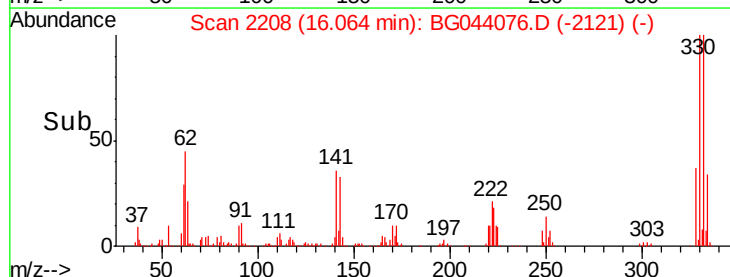
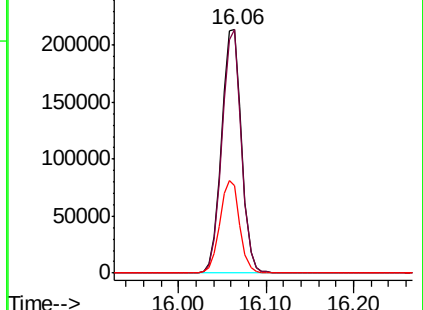
141 37.6 33.1 49.7

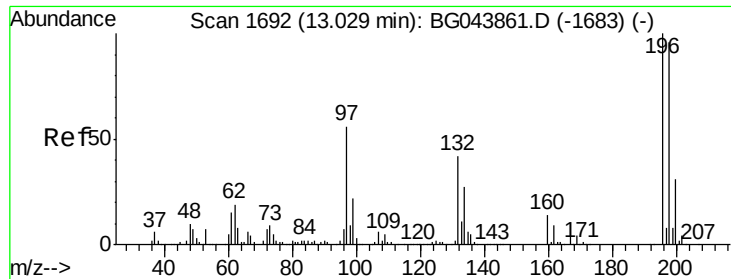


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

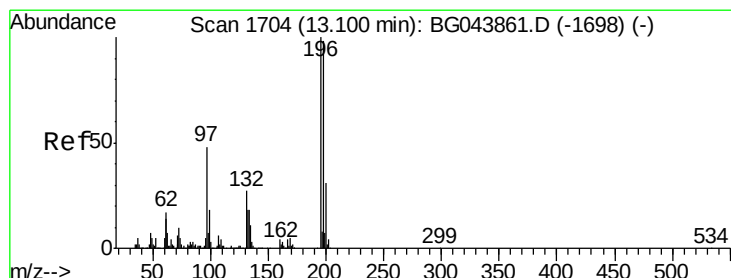
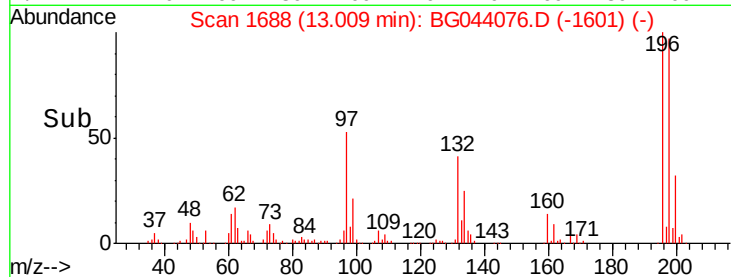
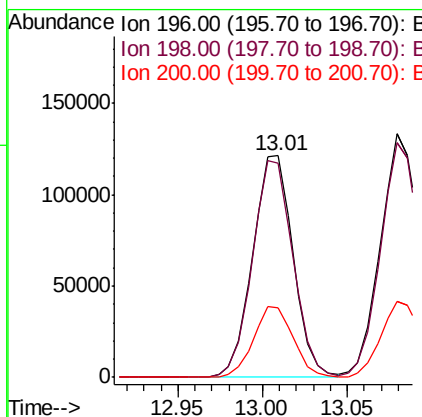
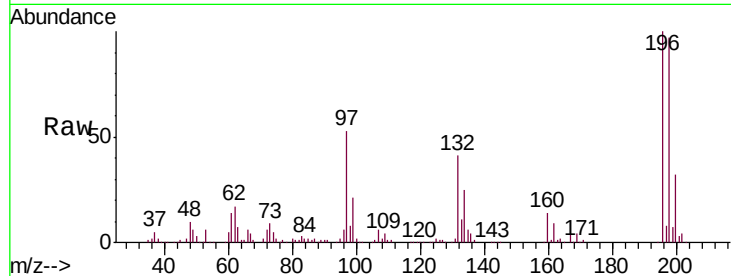




#43
 2,4,6-Trichlorophenol
 Concen: 44.860 ng
 RT: 13.01 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BG044076.D
 Acq: 17 Jan 2020 16:02

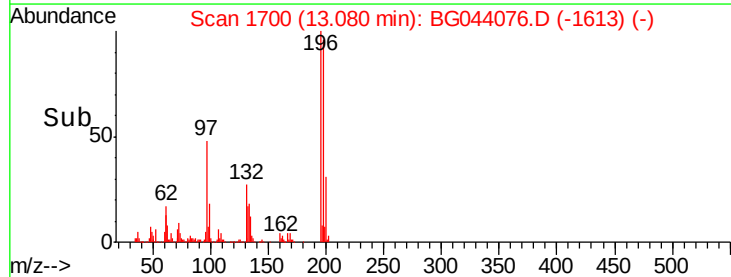
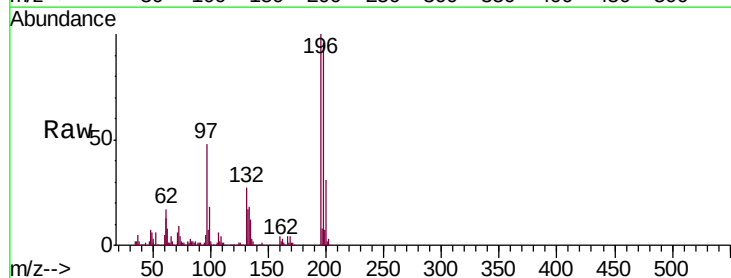
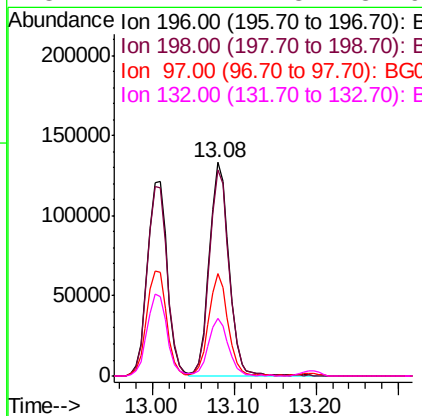
Instrument :
 BNA_G
 ClientSampleId :
 PB126138BS

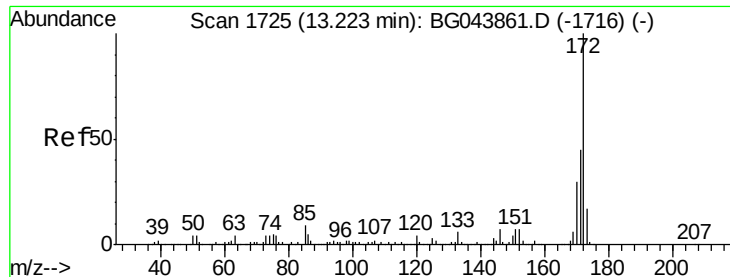
Tgt Ion:196 Resp: 202599
 Ion Ratio Lower Upper
 196 100
 198 96.6 76.6 115.0
 200 31.5 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 48.082 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG044076.D
 Acq: 17 Jan 2020 16:02

Tgt Ion:196 Resp: 223963
 Ion Ratio Lower Upper
 196 100
 198 96.3 78.3 117.5
 97 48.0 38.8 58.2
 132 27.1 21.3 31.9

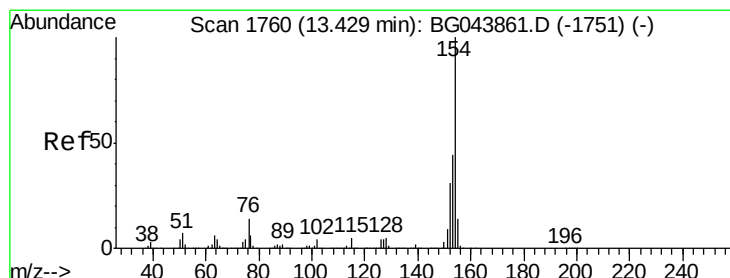
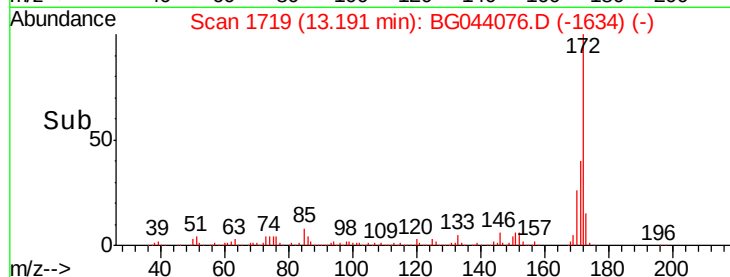
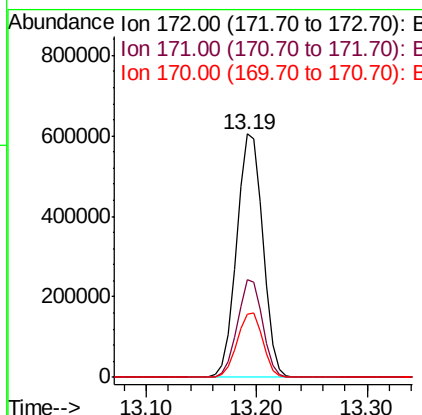
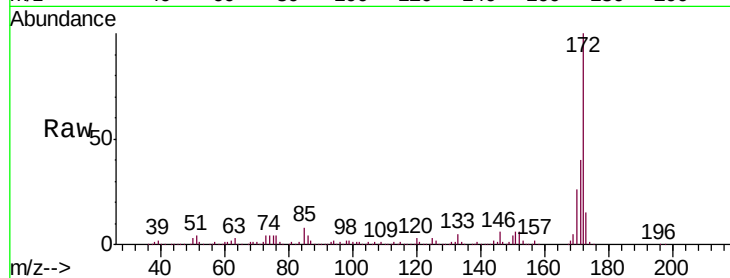




#45
2-Fluorobiphenyl
Concen: 81.357 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.03 min
Lab File: BG044076.D
Acq: 17 Jan 2020 16:02

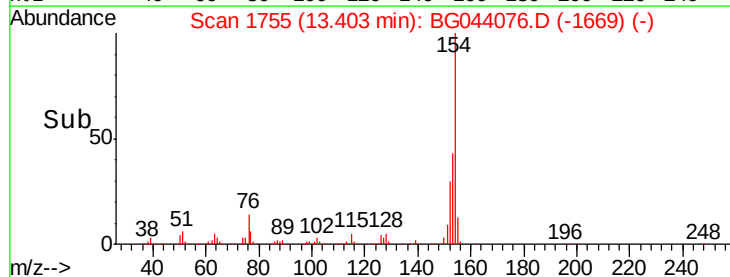
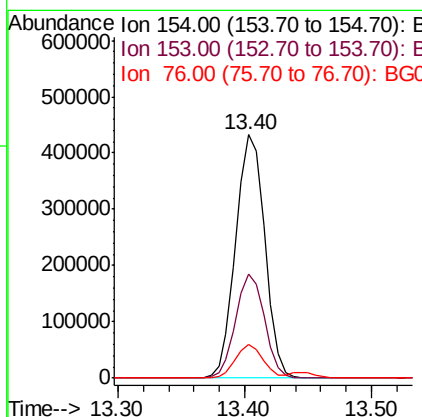
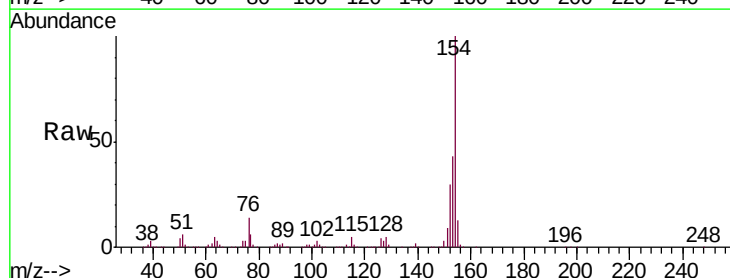
Instrument :
BNA_G
ClientSampleId :
PB126138BS

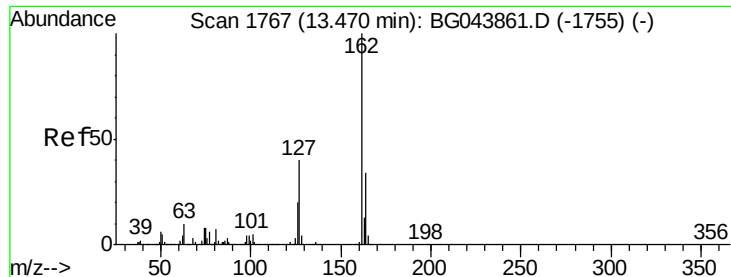
Tgt Ion:172 Resp: 1005561
Ion Ratio Lower Upper
172 100
171 40.1 35.8 53.8
170 26.1 24.2 36.4



#46
1,1'-Biphenyl
Concen: 42.688 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.03 min
Lab File: BG044076.D
Acq: 17 Jan 2020 16:02

Tgt Ion:154 Resp: 685377
Ion Ratio Lower Upper
154 100
153 43.0 23.6 63.6
76 13.7 0.0 34.4





#47

2-Chloronaphthalene

Concen: 41.417 ng

RT: 13.44 min Scan# 1762

Delta R.T. -0.03 min

Lab File: BG044076.D

Acq: 17 Jan 2020 16:02

Instrument :

BNA_G

ClientSampleId :

PB126138BS

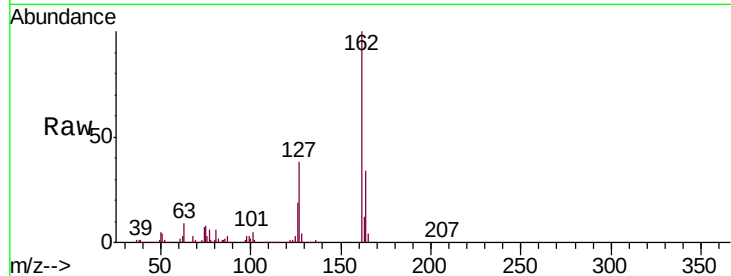
Tgt Ion:162 Resp: 537341

Ion Ratio Lower Upper

162 100

127 38.2 32.1 48.1

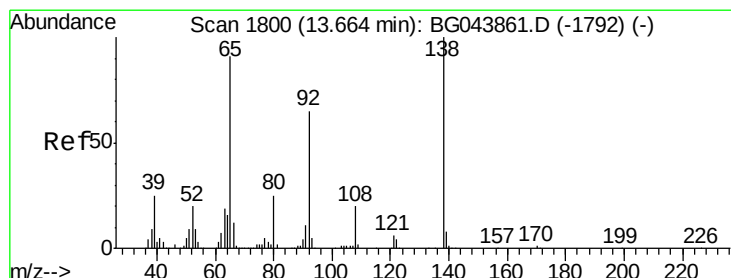
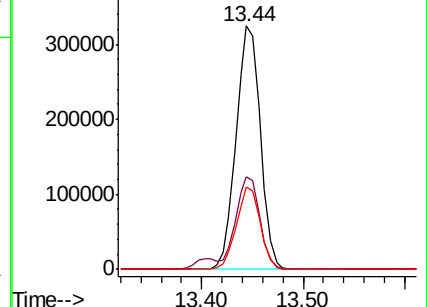
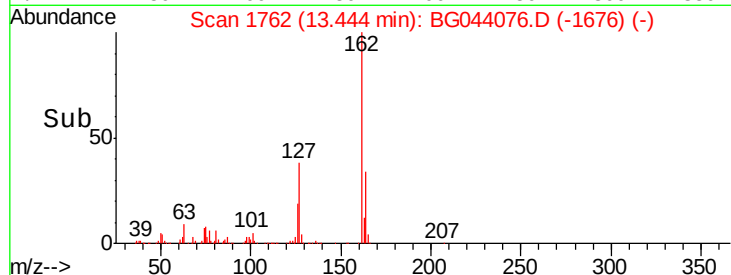
164 33.9 27.5 41.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 41.518 ng

RT: 13.64 min Scan# 1796

Delta R.T. -0.02 min

Lab File: BG044076.D

Acq: 17 Jan 2020 16:02

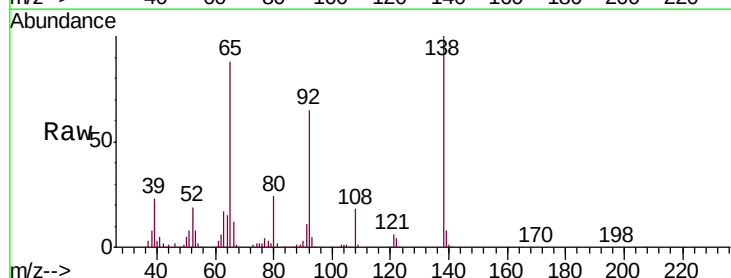
Tgt Ion: 65 Resp: 173271

Ion Ratio Lower Upper

65 100

92 74.1 57.4 86.2

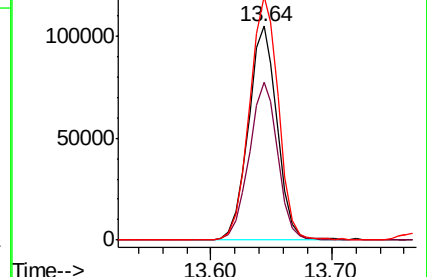
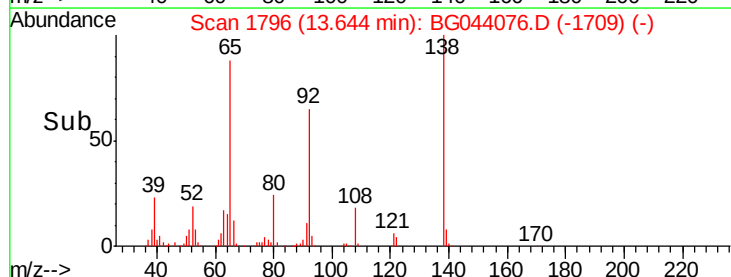
138 113.9 88.2 132.4

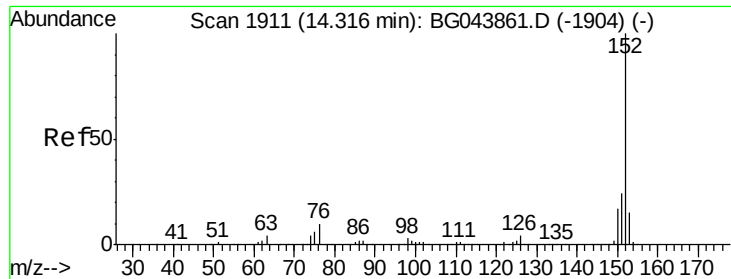


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.395 ng

RT: 14.29 min Scan# 1906

Delta R.T. -0.03 min

Lab File: BG044076.D

Acq: 17 Jan 2020 16:02

Instrument :

BNA_G

ClientSampleId :

PB126138BS

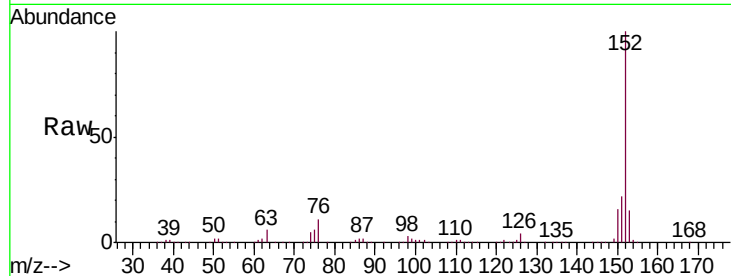
Tgt Ion:152 Resp: 865153

Ion Ratio Lower Upper

152 100

151 22.4 19.4 29.2

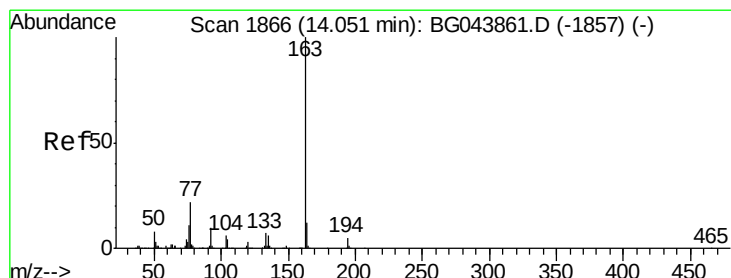
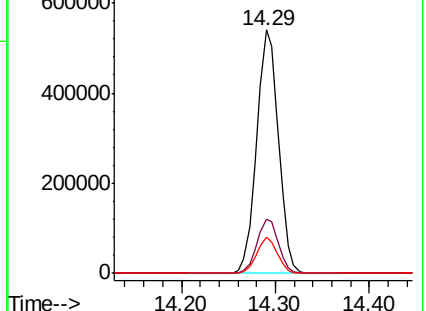
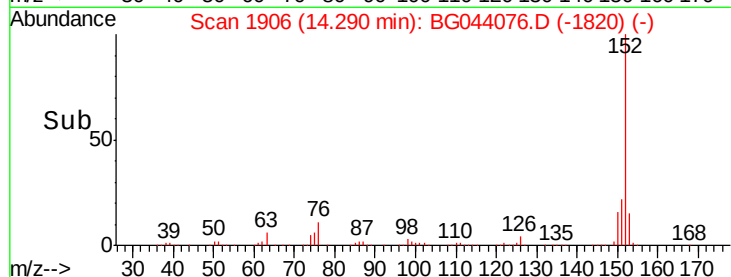
153 14.7 12.0 18.0



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: 44.420 ng

RT: 14.03 min Scan# 1861

Delta R.T. -0.03 min

Lab File: BG044076.D

Acq: 17 Jan 2020 16:02

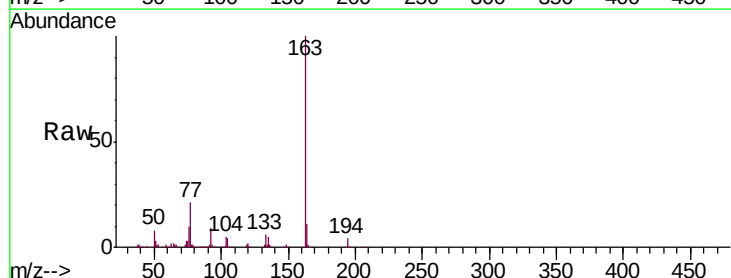
Tgt Ion:163 Resp: 706278

Ion Ratio Lower Upper

163 100

194 4.2 3.7 5.5

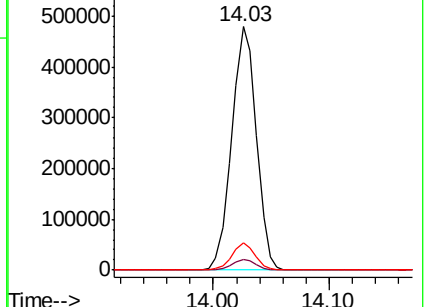
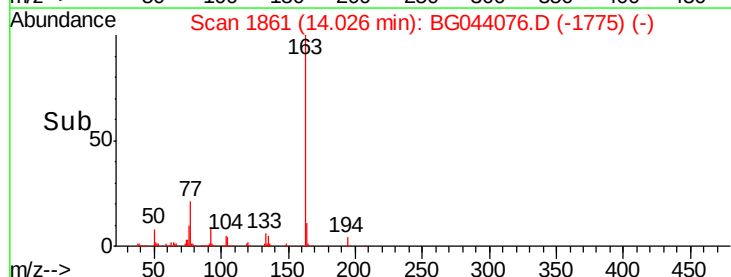
164 11.0 9.3 13.9

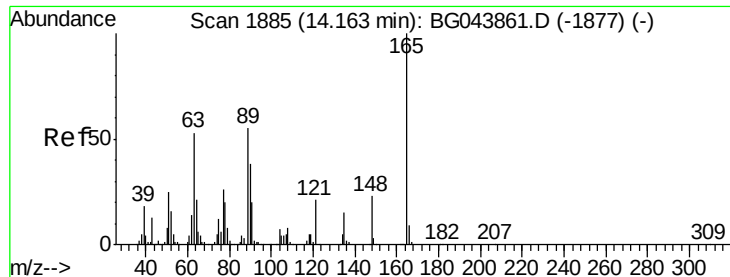


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.522 ng

RT: 14.14 min Scan# 1880

Delta R.T. -0.03 min

Lab File: BG044076.D

Acq: 17 Jan 2020 16:02

Instrument :

BNA_G

ClientSampleId :

PB126138BS

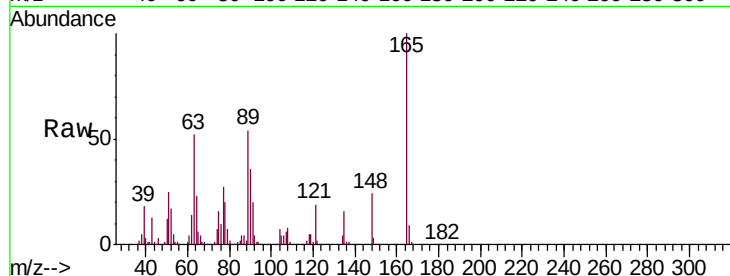
Tgt Ion:165 Resp: 163596

Ion Ratio Lower Upper

165 100

63 51.6 43.1 64.7

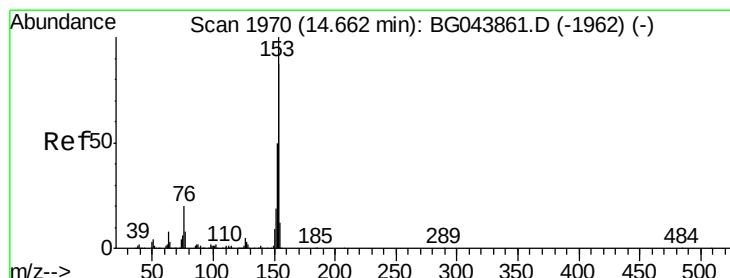
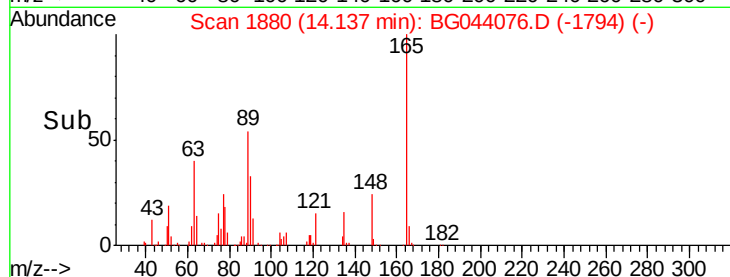
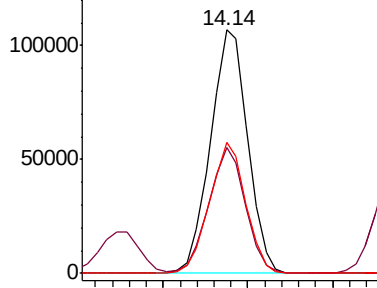
89 53.9 43.8 65.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 40.744 ng

RT: 14.64 min Scan# 1965

Delta R.T. -0.03 min

Lab File: BG044076.D

Acq: 17 Jan 2020 16:02

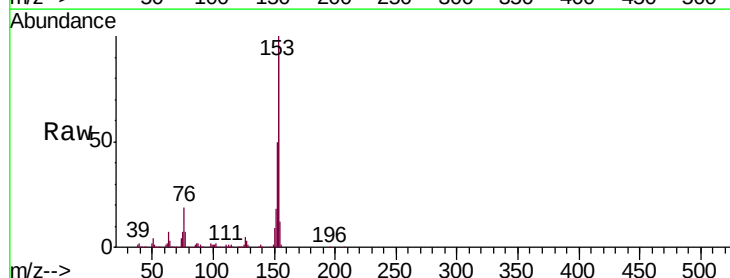
Tgt Ion:154 Resp: 532825

Ion Ratio Lower Upper

154 100

153 110.3 91.6 137.4

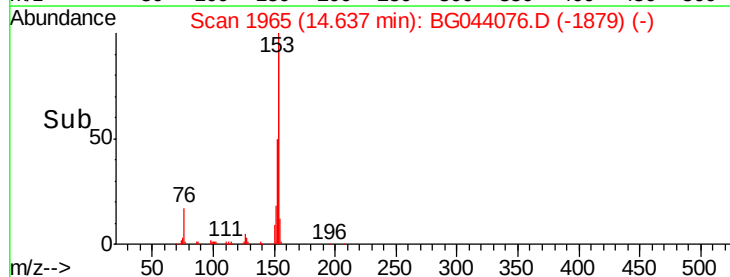
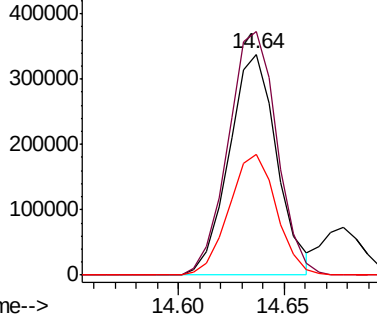
152 54.6 45.4 68.0

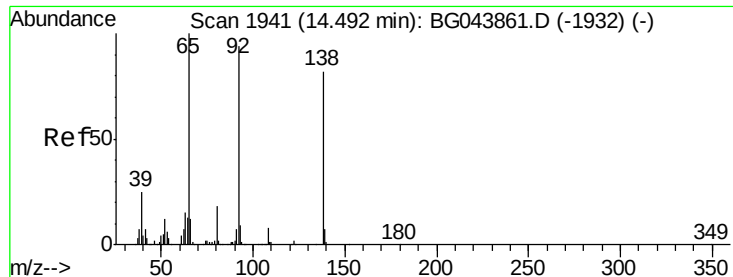


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

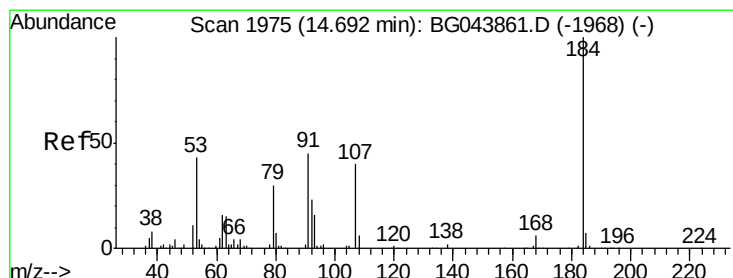
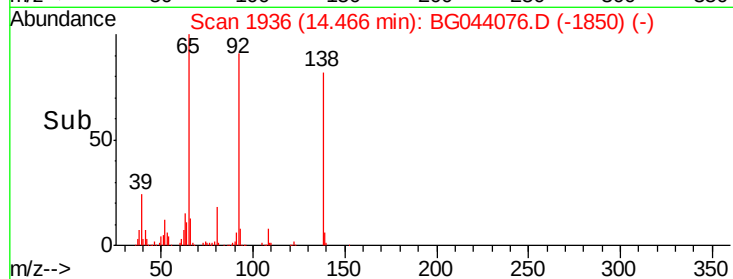
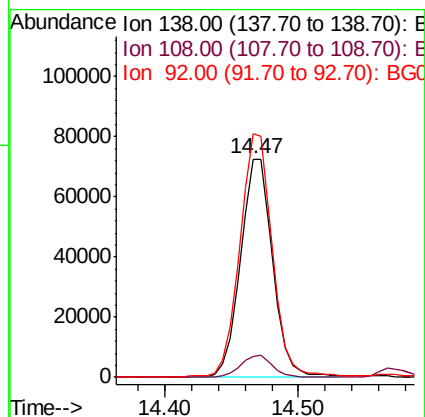
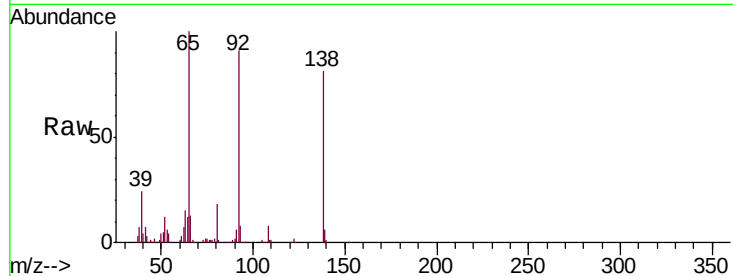




#53
3-Nitroaniline
Concen: 29.461 ng
RT: 14.47 min Scan# 1936
Delta R.T. -0.03 min
Lab File: BG044076.D
Acq: 17 Jan 2020 16:02

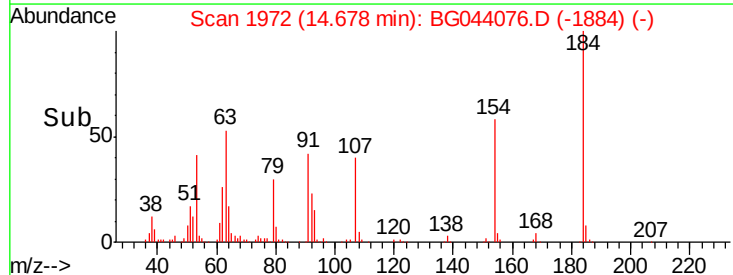
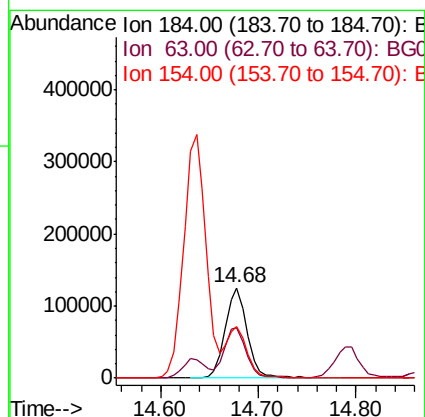
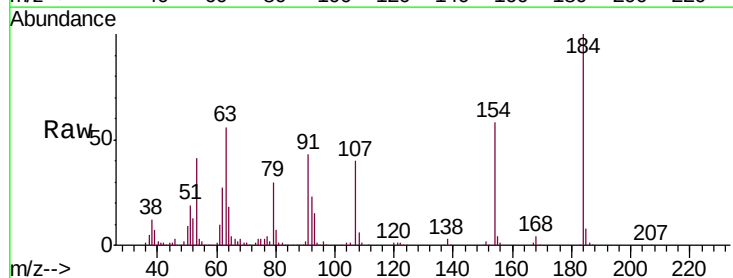
Instrument :
BNA_G
ClientSampleId :
PB126138BS

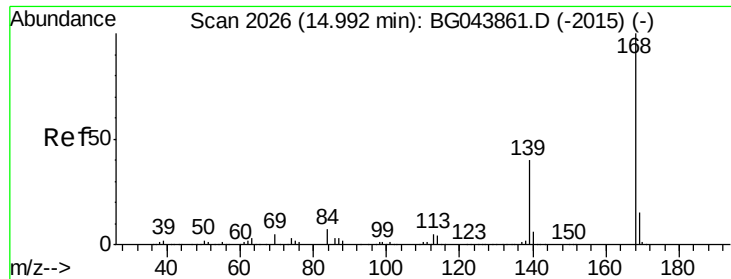
Tgt Ion:138 Resp: 120232
Ion Ratio Lower Upper
138 100
108 9.5 7.4 11.2
92 111.7 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 105.974 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044076.D
Acq: 17 Jan 2020 16:02

Tgt Ion:184 Resp: 197523
Ion Ratio Lower Upper
184 100
63 55.5 46.6 70.0
154 57.8 50.2 75.4

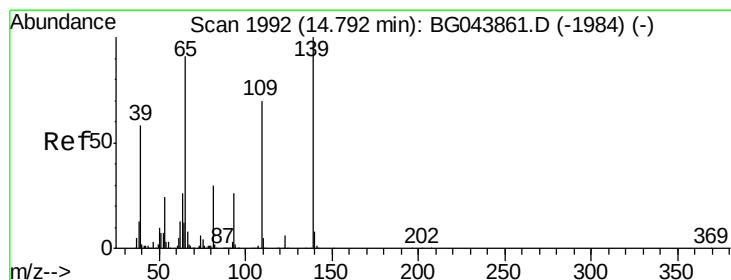
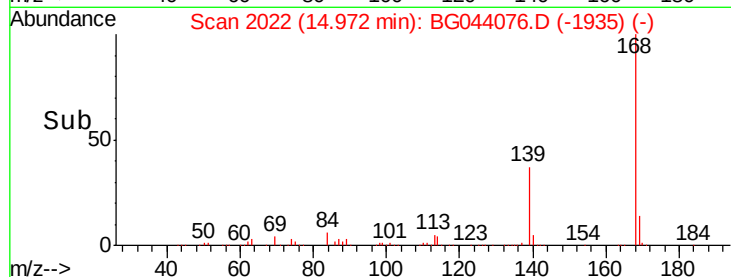
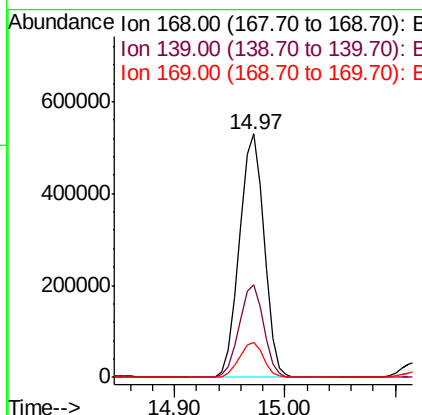
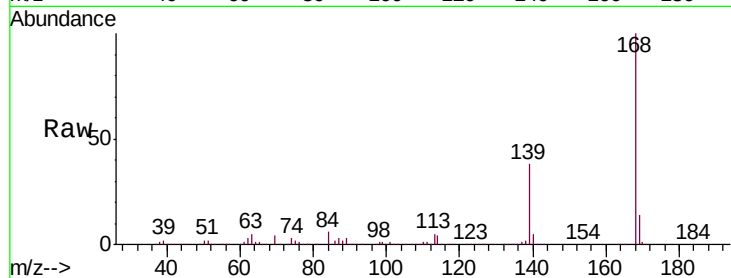




#55
Dibenzenofuran
Concen: 46.528 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BG044076.D
Acq: 17 Jan 2020 16:02

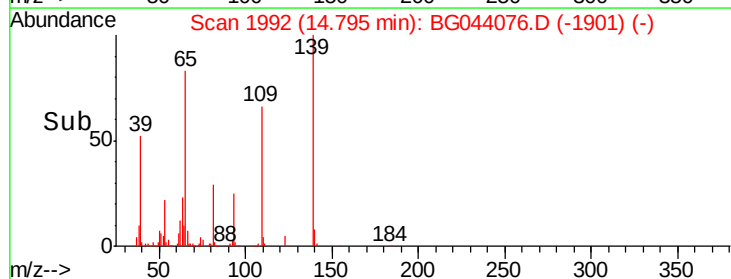
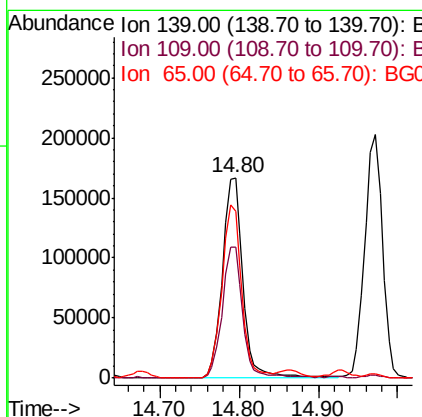
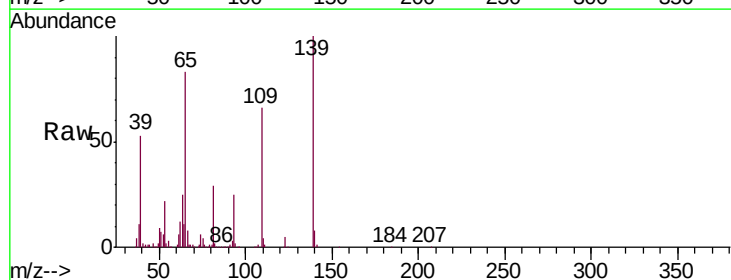
Instrument :
BNA_G
ClientSampleId :
PB126138BS

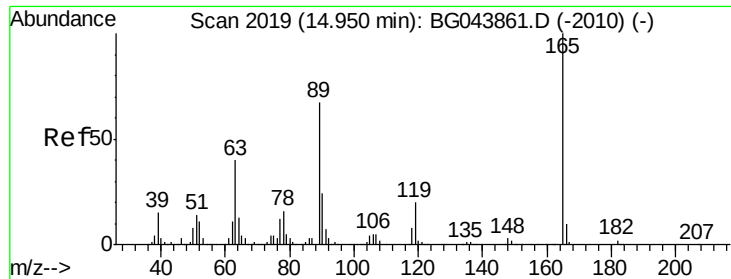
Tgt Ion:168 Resp: 837618
Ion Ratio Lower Upper
168 100
139 38.2 32.2 48.2
169 14.3 12.2 18.2



#56
4-Nitrophenol
Concen: 96.110 ng
RT: 14.80 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BG044076.D
Acq: 17 Jan 2020 16:02

Tgt Ion:139 Resp: 300570
Ion Ratio Lower Upper
139 100
109 65.5 50.4 90.4
65 82.8 71.4 111.4

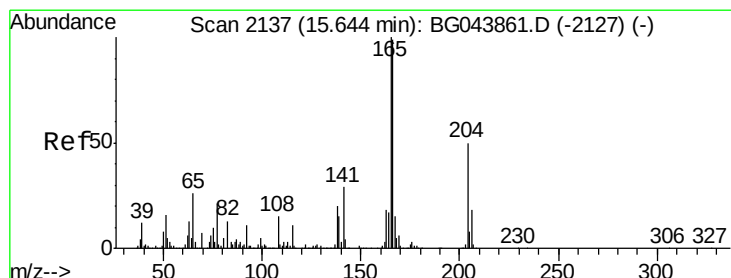
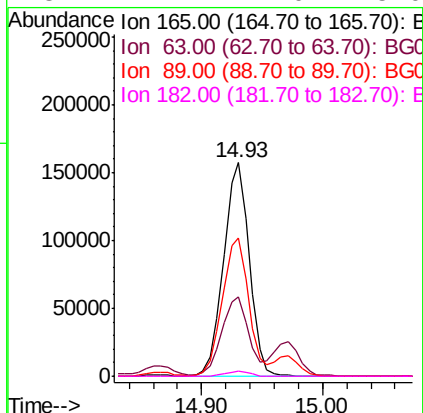
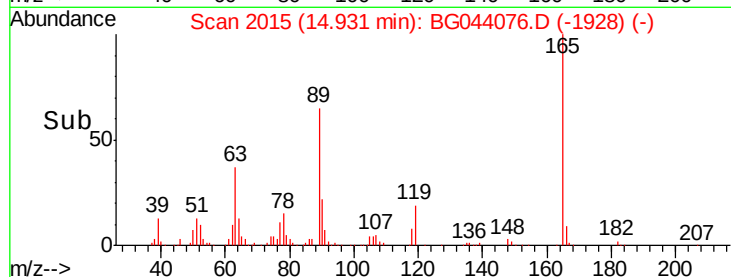
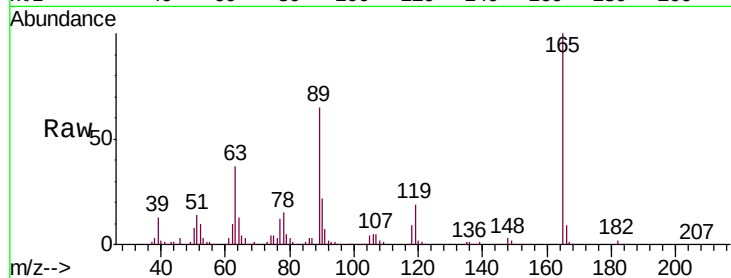




#57
2,4-Dinitrotoluene
Concen: 47.346 ng
RT: 14.93 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BG044076.D
Acq: 17 Jan 2020 16:02

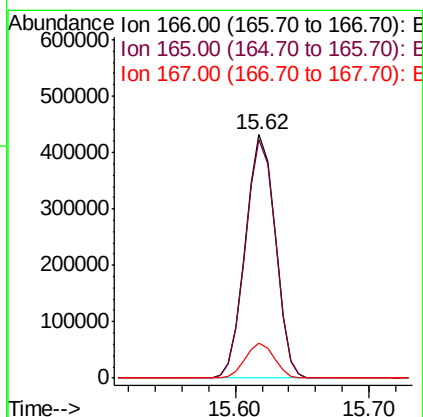
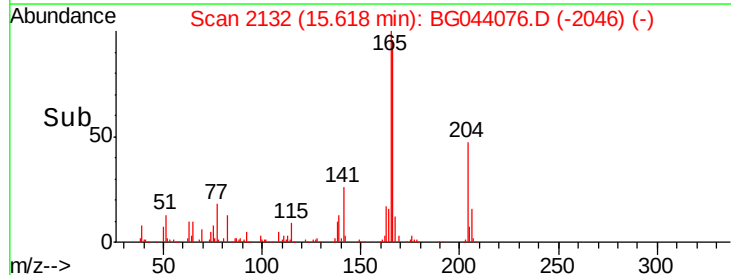
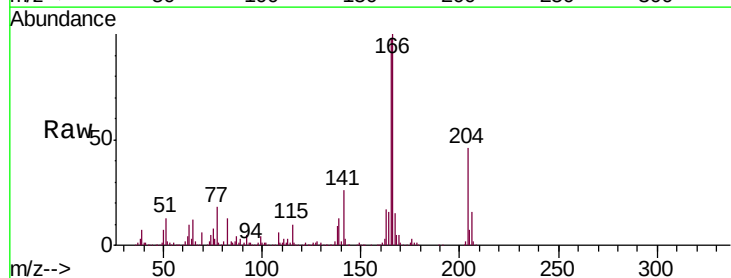
Instrument :
BNA_G
ClientSampleId :
PB126138BS

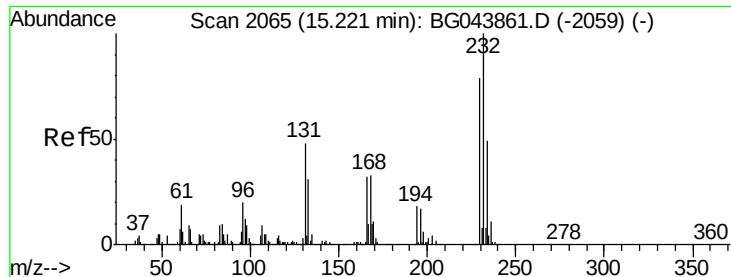
Tgt Ion:	165	Resp:	231523
Ion	Ratio	Lower	Upper
165	100		
63	37.3	31.9	47.9
89	64.8	53.8	80.6
182	2.4	2.0	3.0



#58
Fluorene
Concen: 46.674 ng
RT: 15.62 min Scan# 2132
Delta R.T. -0.03 min
Lab File: BG044076.D
Acq: 17 Jan 2020 16:02

Tgt Ion:	166	Resp:	665970
Ion	Ratio	Lower	Upper
166	100		
165	97.9	80.8	121.2
167	14.5	12.1	18.1

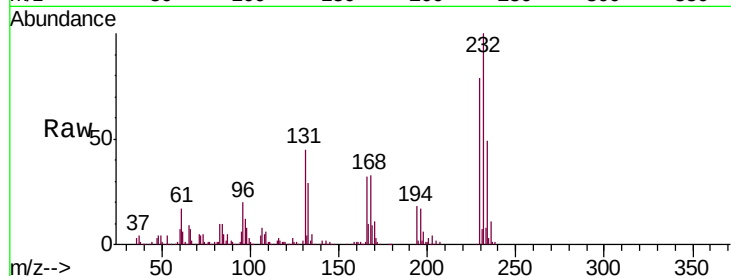




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.476 ng
RT: 15.20 min Scan# 2061
Delta R.T. -0.02 min
Lab File: BG044076.D
Acq: 17 Jan 2020 16:02

Instrument :
BNA_G
ClientSampleId :
PB126138BS

Tgt Ion:	232	Resp:	194160
Ion	Ratio	Lower	Upper
232	100		
131	44.2	38.2	57.2
130	2.5	2.2	3.2
166	32.3	26.4	39.6



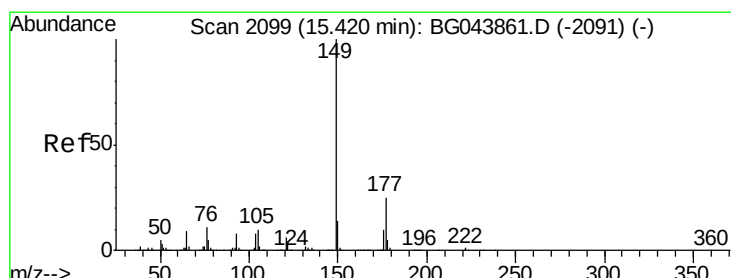
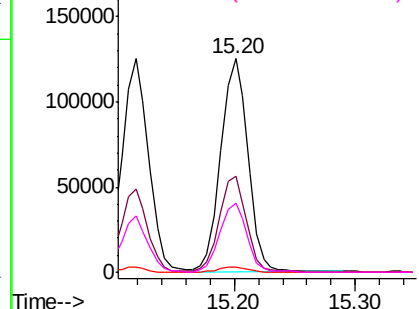
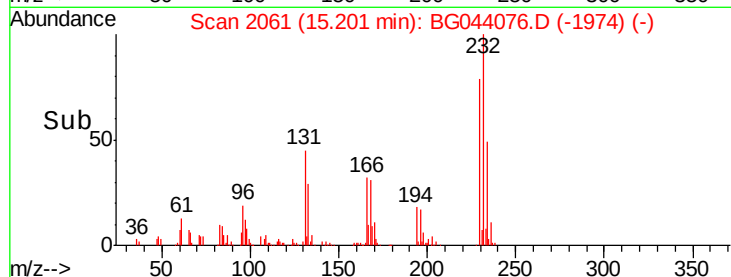
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

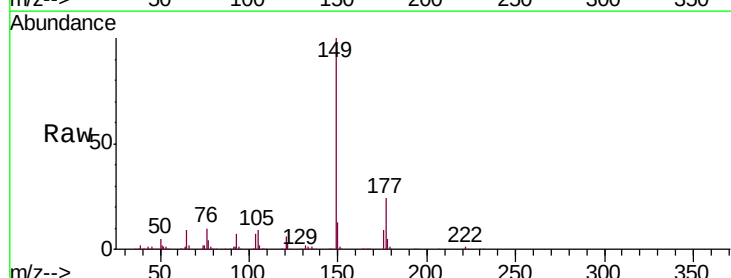
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 45.850 ng
RT: 15.39 min Scan# 2094
Delta R.T. -0.03 min
Lab File: BG044076.D
Acq: 17 Jan 2020 16:02

Tgt Ion:	149	Resp:	729158
Ion	Ratio	Lower	Upper
149	100		
177	24.2	20.0	30.0
150	13.2	11.1	16.7

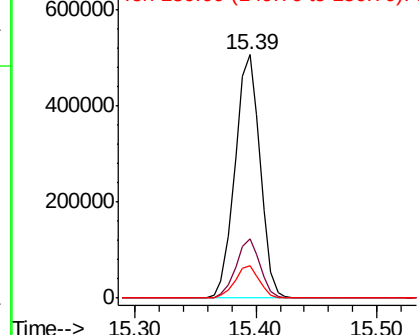
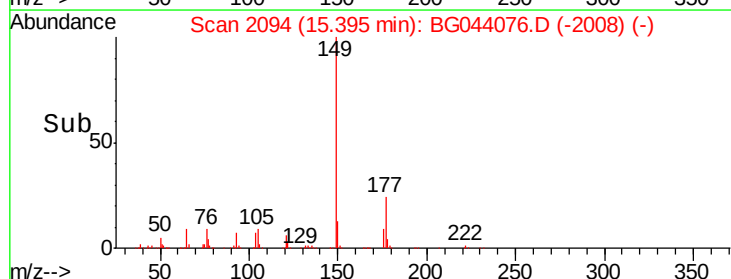


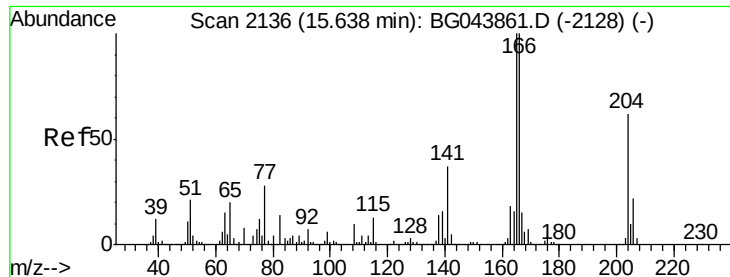
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

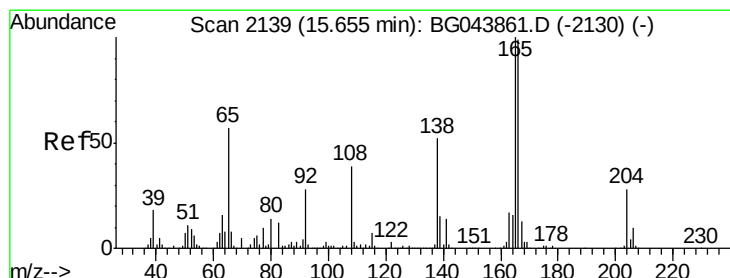
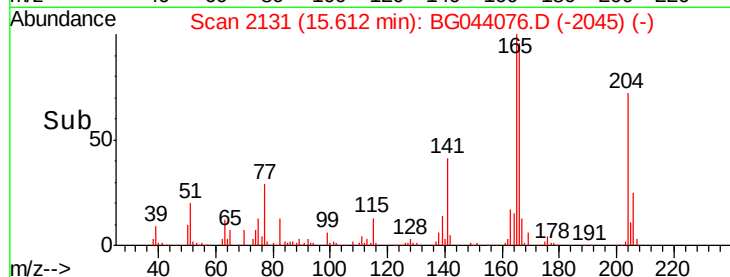
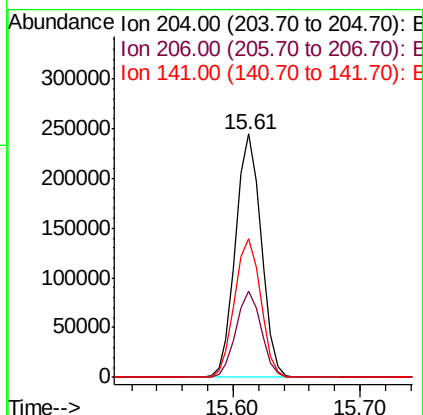
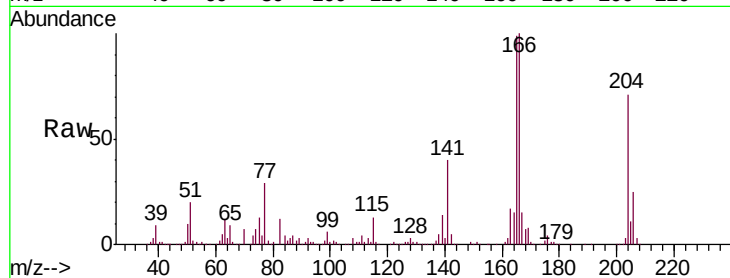




#61
4-Chlorophenyl-phenylether
Concen: 44.085 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.03 min
Lab File: BG044076.D
Acq: 17 Jan 2020 16:02

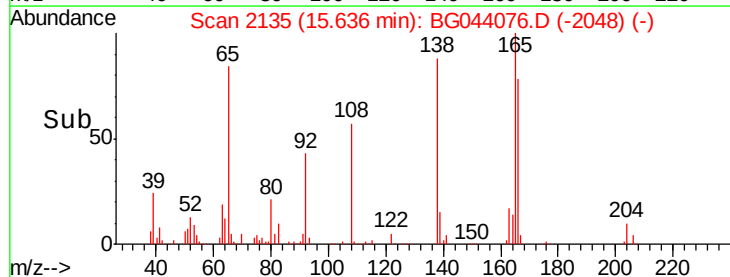
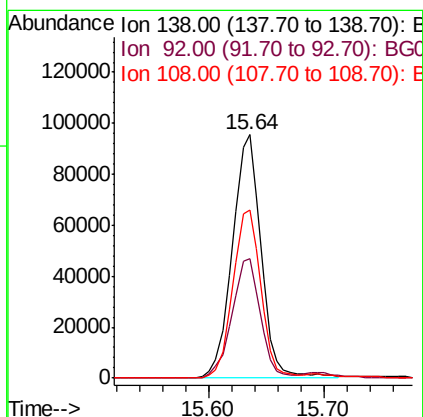
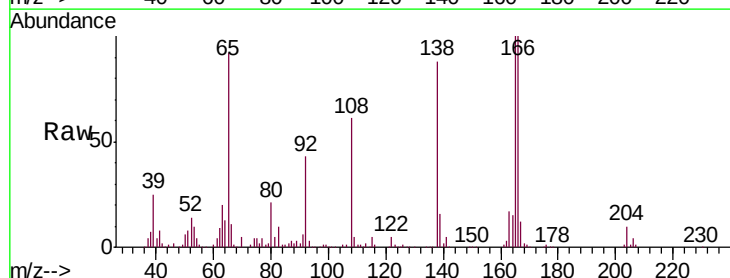
Instrument :
BNA_G
ClientSampleId :
PB126138BS

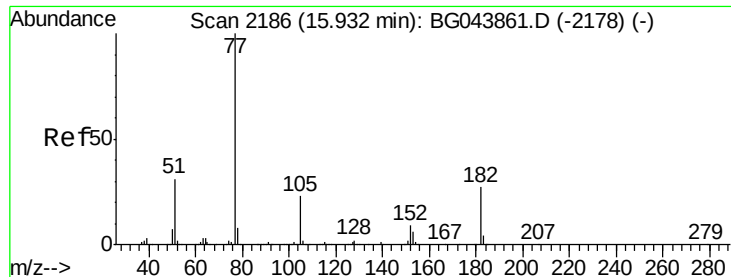
Tgt Ion:204 Resp: 341562
Ion Ratio Lower Upper
204 100
206 35.1 28.2 42.2
141 57.0 48.2 72.2



#62
4-Nitroaniline
Concen: 40.957 ng
RT: 15.64 min Scan# 2135
Delta R.T. -0.02 min
Lab File: BG044076.D
Acq: 17 Jan 2020 16:02

Tgt Ion:138 Resp: 165061
Ion Ratio Lower Upper
138 100
92 49.3 34.3 74.3
108 69.0 55.0 95.0





#63

Azobenzene

Concen: 44.905 ng

RT: 15.91 min Scan# 2181

Delta R.T. -0.03 min

Lab File: BG044076.D

Acq: 17 Jan 2020 16:02

Instrument :

BNA_G

ClientSampleId :

PB126138BS

Tgt Ion: 77 Resp: 662282

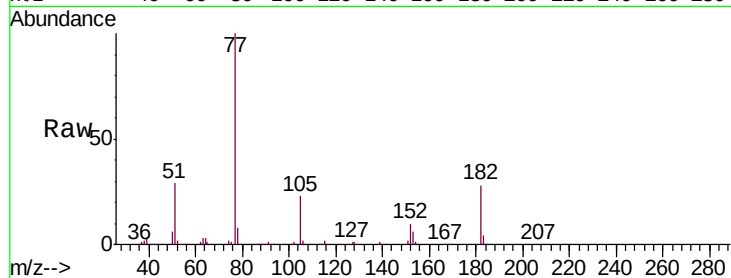
Ion Ratio Lower Upper

77 100

182 28.2 7.3 47.3

105 23.3 3.2 43.2

51 28.7 10.6 50.6

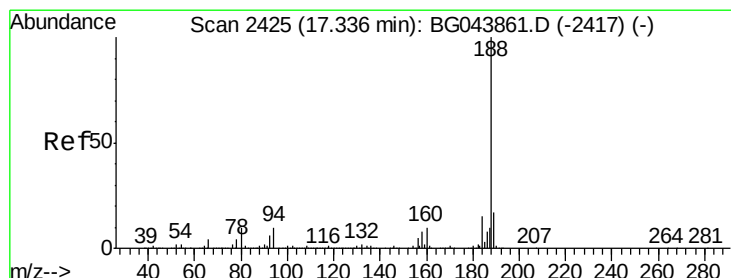
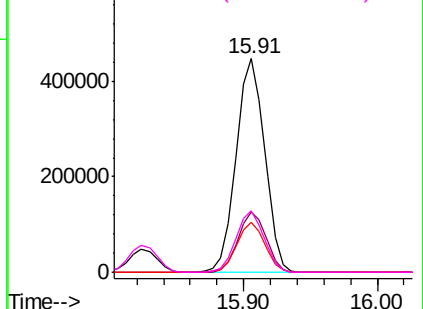
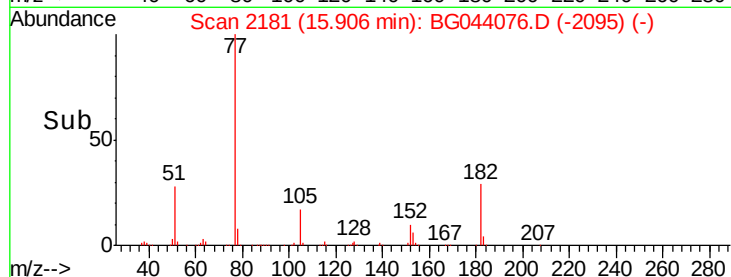


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.32 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BG044076.D

Acq: 17 Jan 2020 16:02

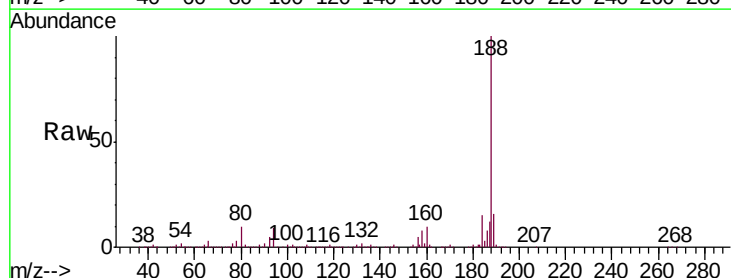
Tgt Ion: 188 Resp: 496692

Ion Ratio Lower Upper

188 100

94 8.9 7.9 11.9

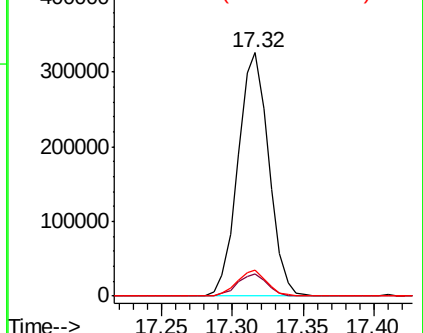
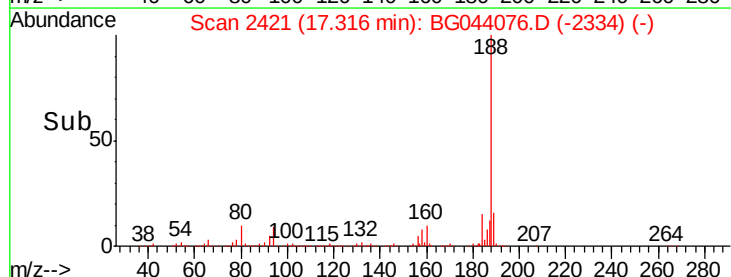
80 10.4 8.2 12.4

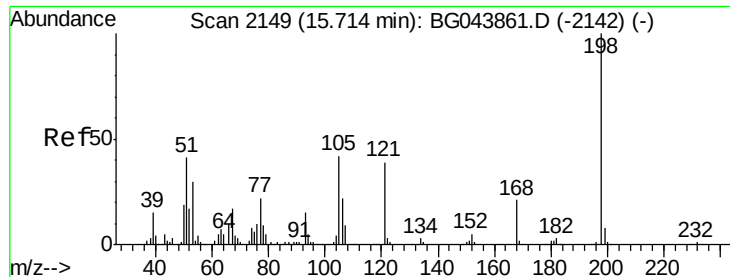


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

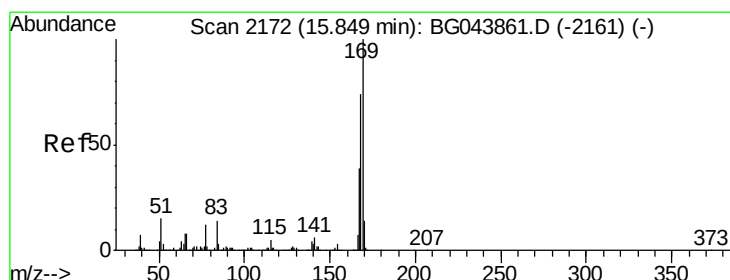
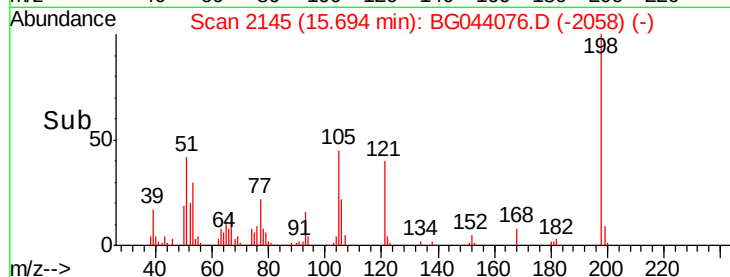
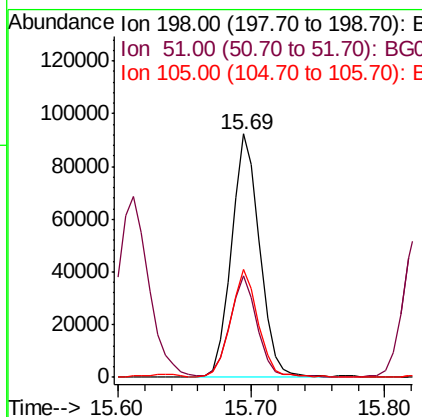
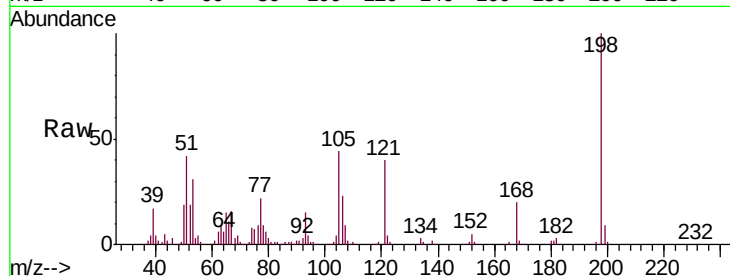




#65
 4,6-Dinitro-2-methylphenol
 Concen: 52.836 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.02 min
 Lab File: BG044076.D
 Acq: 17 Jan 2020 16:02

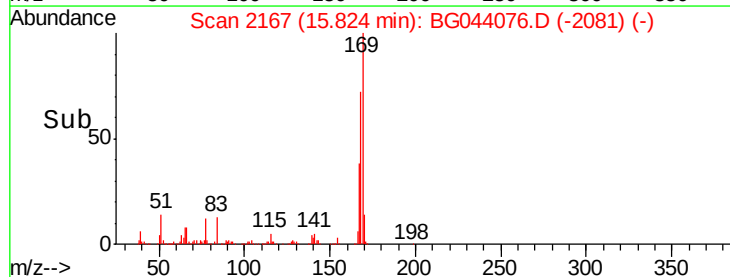
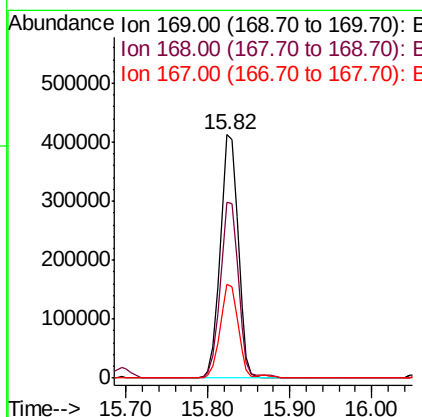
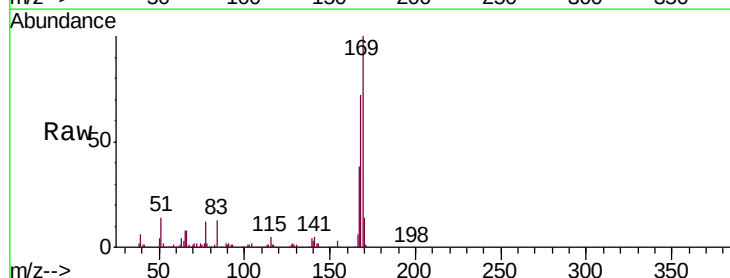
Instrument :
 BNA_G
 ClientSampleId :
 PB126138BS

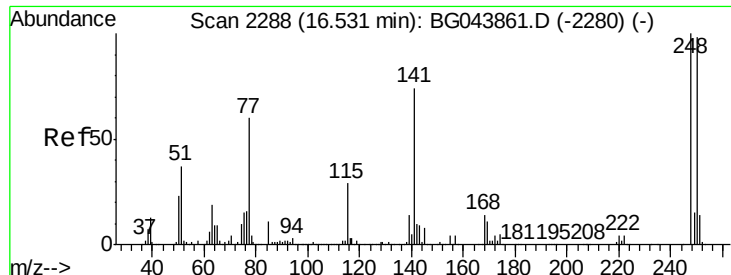
Tgt Ion	Ratio	Lower	Upper
198	100		
51	41.8	22.5	62.5
105	44.1	22.3	62.3



#66
 n-Nitrosodiphenylamine
 Concen: 43.031 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.03 min
 Lab File: BG044076.D
 Acq: 17 Jan 2020 16:02

Tgt Ion	Ratio	Lower	Upper
169	100		
168	72.3	59.0	88.6
167	38.4	31.4	47.0

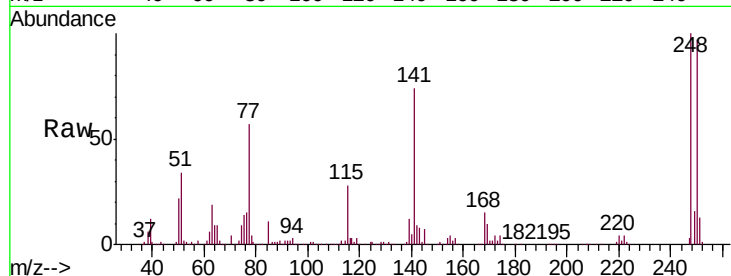




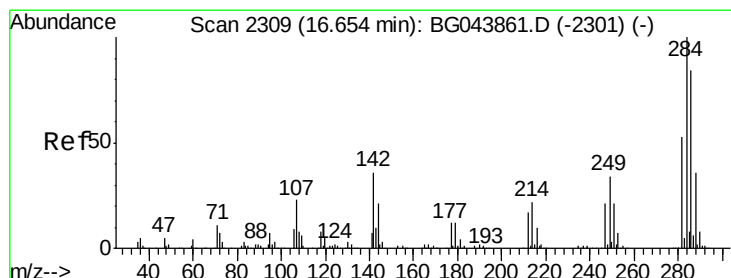
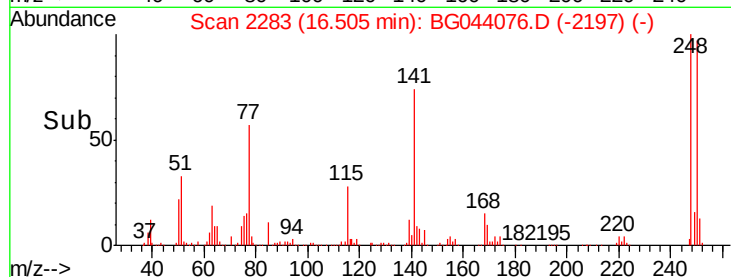
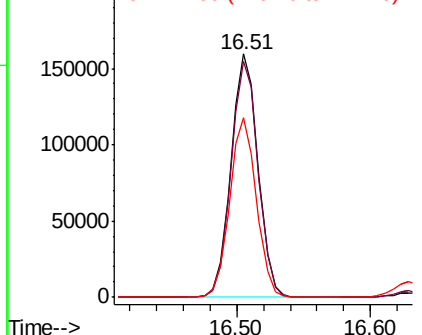
#67
4-Bromophenyl-phenylether
Concen: 40.047 ng
RT: 16.51 min Scan# 2283
Delta R.T. -0.03 min
Lab File: BG044076.D
Acq: 17 Jan 2020 16:02

Instrument :
BNA_G
ClientSampleId :
PB126138BS

Tgt Ion:248 Resp: 223712
Ion Ratio Lower Upper
248 100
250 96.9 78.2 117.2
141 73.6 59.3 88.9

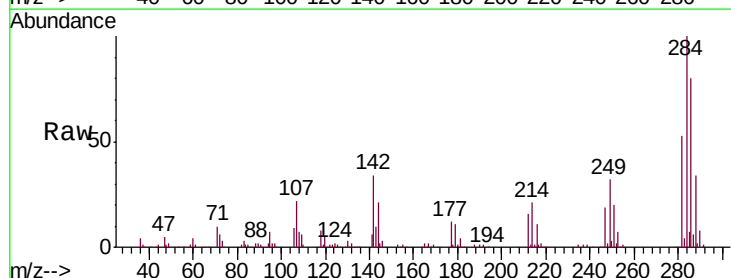


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

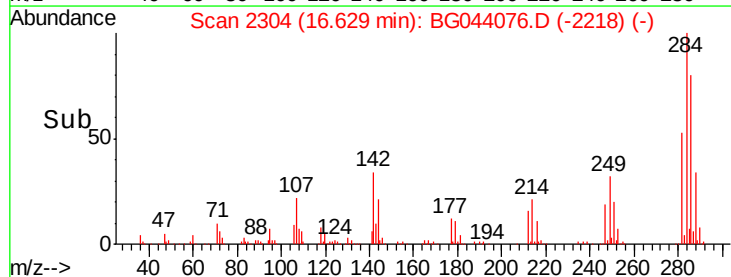
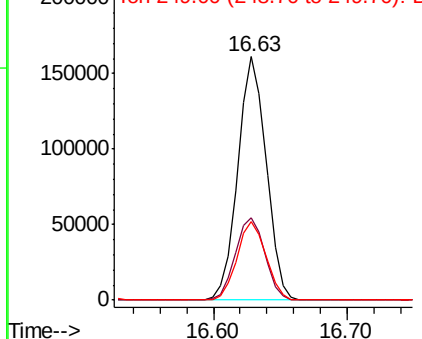


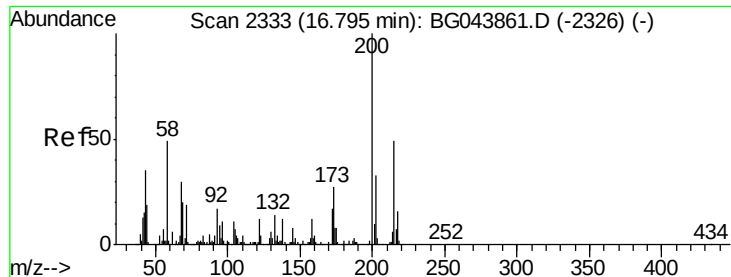
#68
Hexachlorobenzene
Concen: 39.348 ng
RT: 16.63 min Scan# 2304
Delta R.T. -0.03 min
Lab File: BG044076.D
Acq: 17 Jan 2020 16:02

Tgt Ion:284 Resp: 236852
Ion Ratio Lower Upper
284 100
142 33.7 28.6 43.0
249 32.0 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: 49.168 ng

RT: 16.78 min Scan# 2329

Delta R.T. -0.02 min

Lab File: BG044076.D

Acq: 17 Jan 2020 16:02

Instrument :

BNA_G

ClientSampleId :

PB126138BS

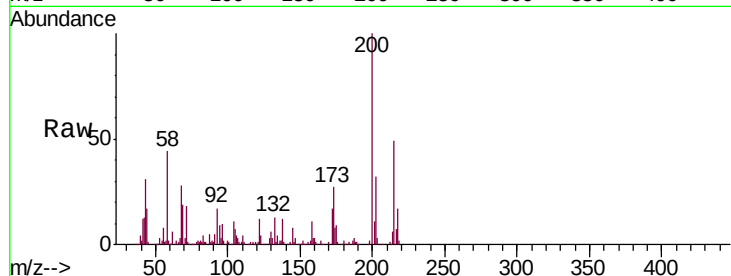
Tgt Ion:200 Resp: 233770

Ion Ratio Lower Upper

200 100

173 26.6 6.6 46.6

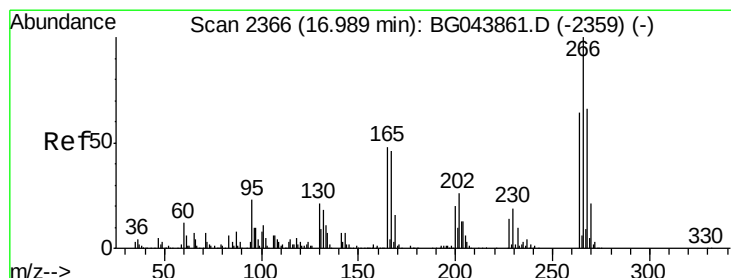
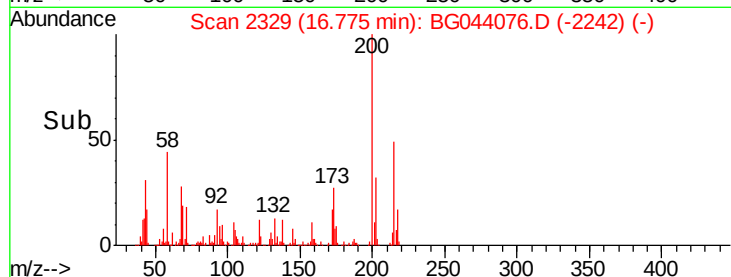
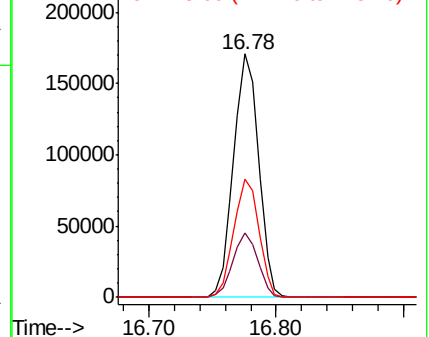
215 48.7 28.6 68.6



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: 81.665 ng

RT: 16.97 min Scan# 2362

Delta R.T. -0.02 min

Lab File: BG044076.D

Acq: 17 Jan 2020 16:02

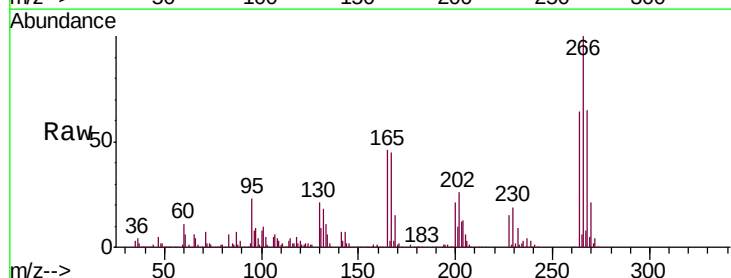
Tgt Ion:266 Resp: 270978

Ion Ratio Lower Upper

266 100

268 64.7 52.6 79.0

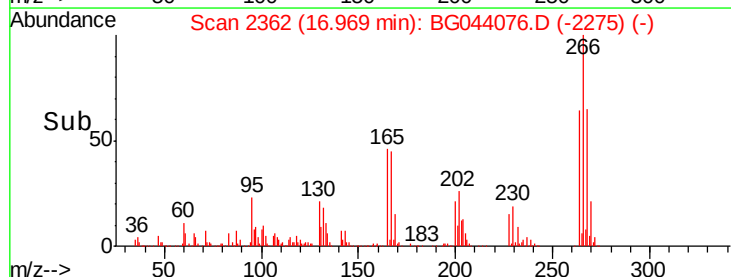
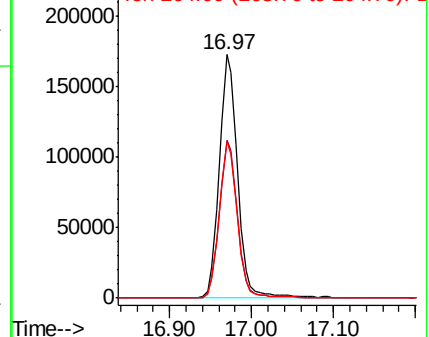
264 64.4 50.8 76.2

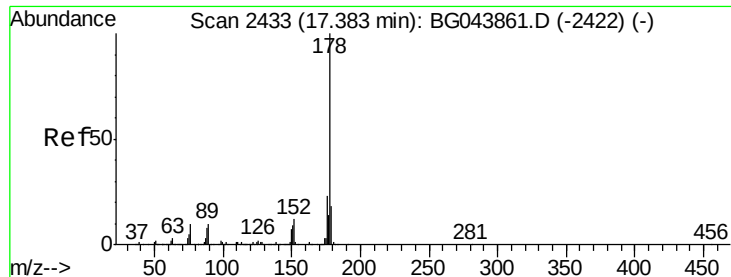


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.236 ng

RT: 17.36 min Scan# 2428

Delta R.T. -0.03 min

Lab File: BG044076.D

Acq: 17 Jan 2020 16:02

Instrument :

BNA_G

ClientSampleId :

PB126138BS

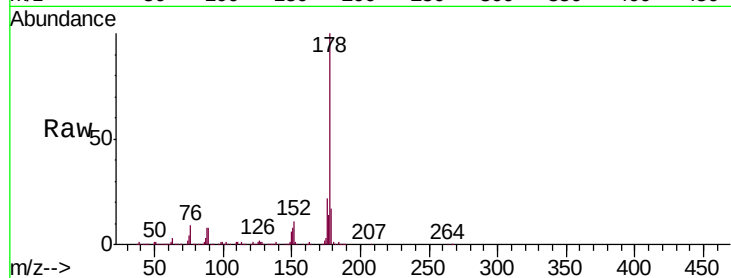
Tgt Ion:178 Resp: 1053873

Ion Ratio Lower Upper

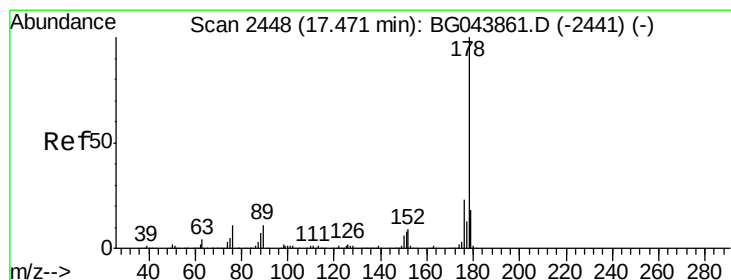
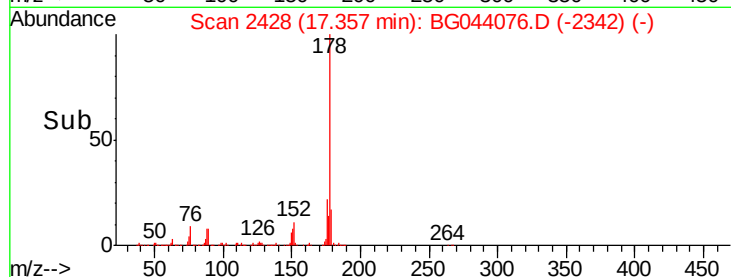
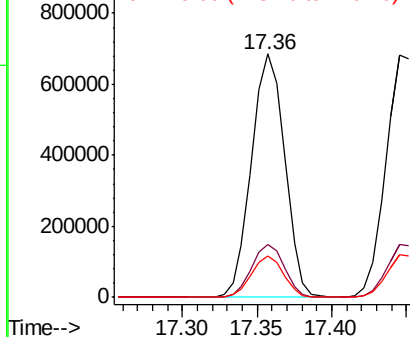
178 100

176 21.6 18.6 28.0

179 17.2 14.4 21.6



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



#72

Anthracene

Concen: 46.032 ng

RT: 17.45 min Scan# 2443

Delta R.T. -0.03 min

Lab File: BG044076.D

Acq: 17 Jan 2020 16:02

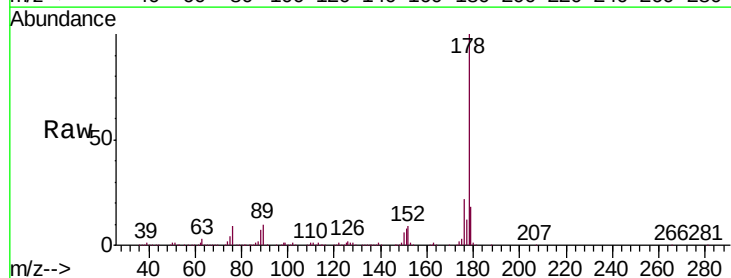
Tgt Ion:178 Resp: 1083817

Ion Ratio Lower Upper

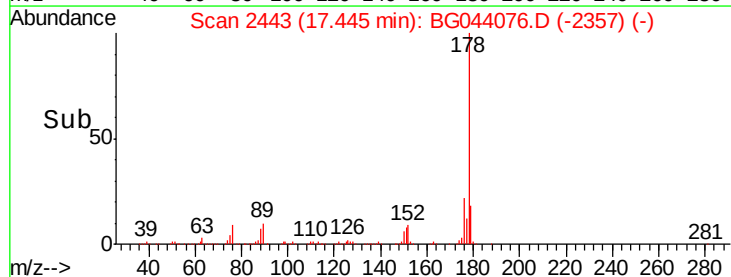
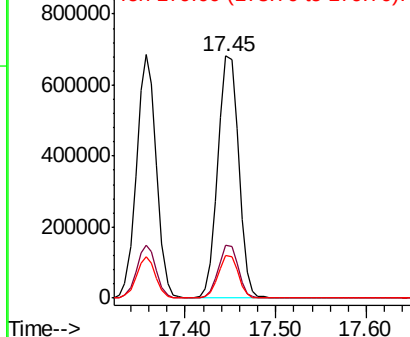
178 100

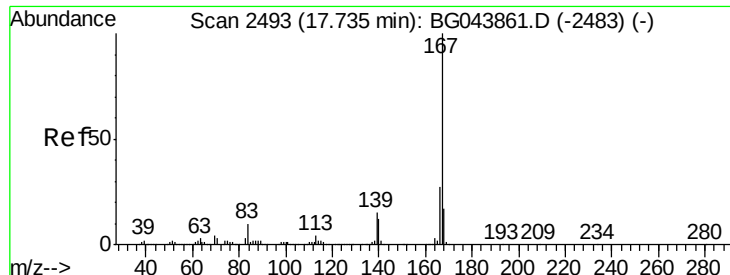
176 21.7 18.3 27.5

179 17.8 14.6 22.0



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





#73

Carbazole

Concen: 44.332 ng

RT: 17.72 min Scan# 2489

Delta R.T. -0.02 min

Lab File: BG044076.D

Acq: 17 Jan 2020 16:02

Instrument :

BNA_G

ClientSampleId :

PB126138BS

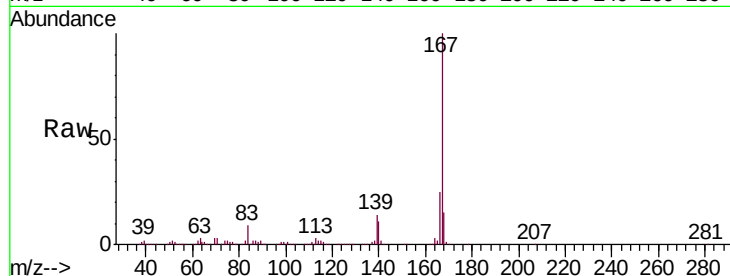
Tgt Ion:167 Resp: 964165

Ion Ratio Lower Upper

167 100

166 24.7 21.6 32.4

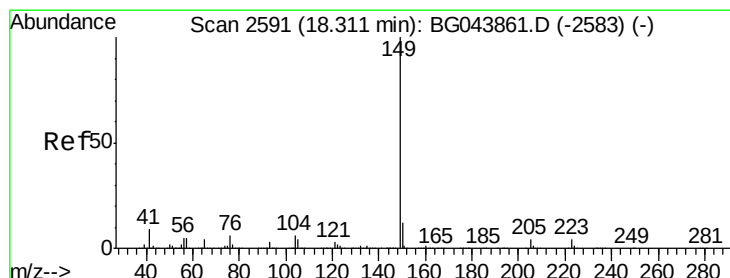
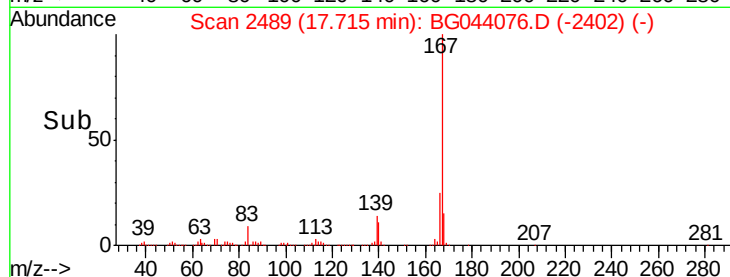
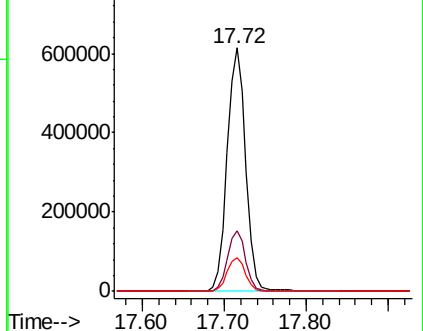
139 13.9 12.1 18.1



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: 43.381 ng

RT: 18.29 min Scan# 2586

Delta R.T. -0.03 min

Lab File: BG044076.D

Acq: 17 Jan 2020 16:02

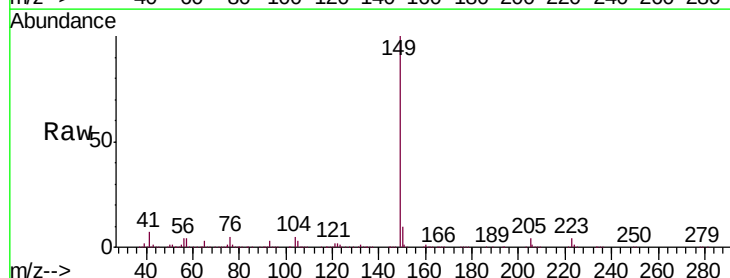
Tgt Ion:149 Resp: 1204596

Ion Ratio Lower Upper

149 100

150 10.4 9.7 14.5

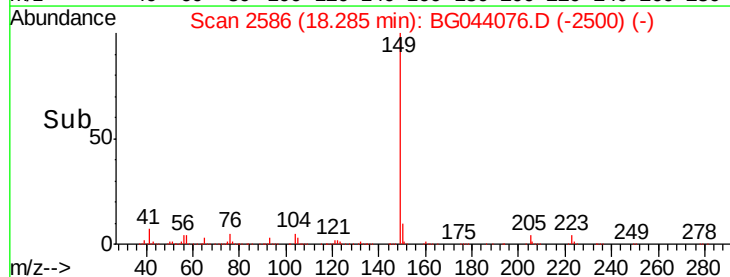
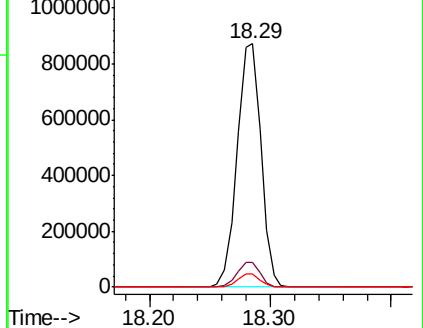
104 5.3 5.0 7.4

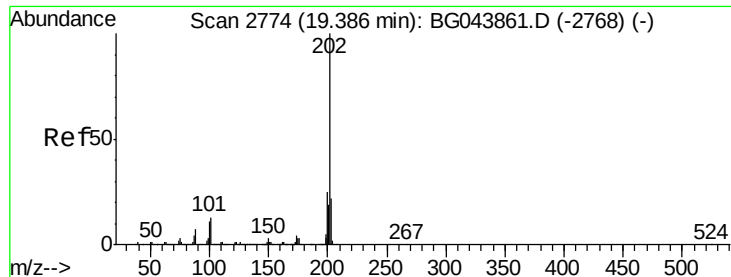


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.311 ng

RT: 19.37 min Scan# 2770

Delta R.T. -0.02 min

Lab File: BG044076.D

Acq: 17 Jan 2020 16:02

Instrument :

BNA_G

ClientSampleId :

PB126138BS

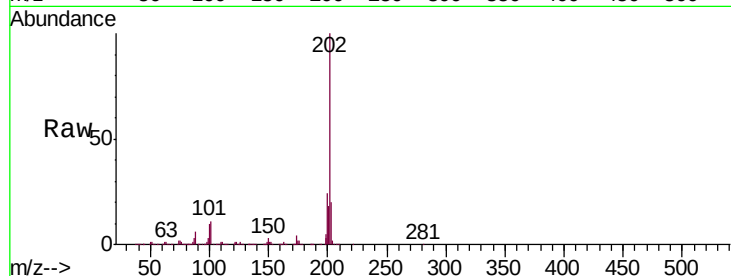
Tgt Ion:202 Resp: 1207305

Ion Ratio Lower Upper

202 100

101 11.5 0.0 33.3

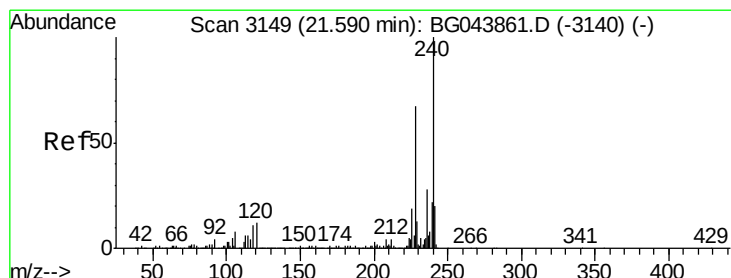
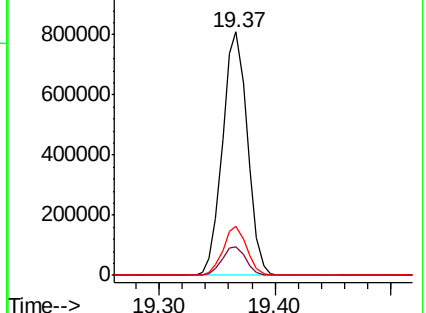
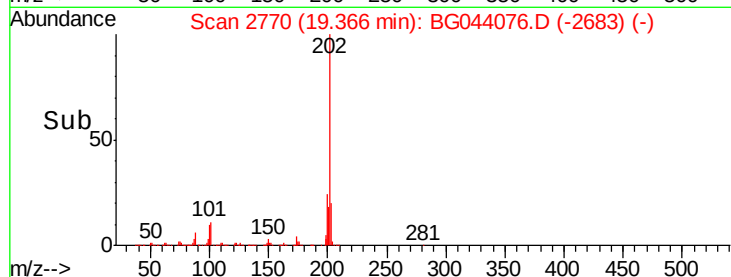
203 19.9 1.6 41.6



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# 3144

Delta R.T. -0.03 min

Lab File: BG044076.D

Acq: 17 Jan 2020 16:02

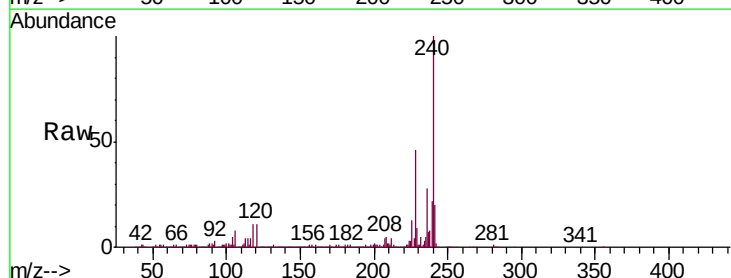
Tgt Ion:240 Resp: 412196

Ion Ratio Lower Upper

240 100

120 11.0 9.6 14.4

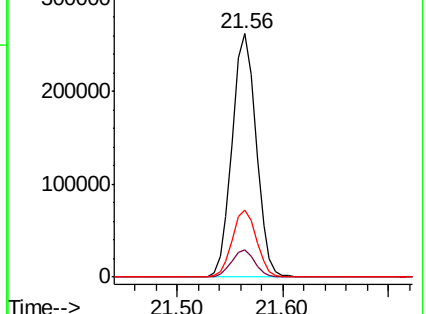
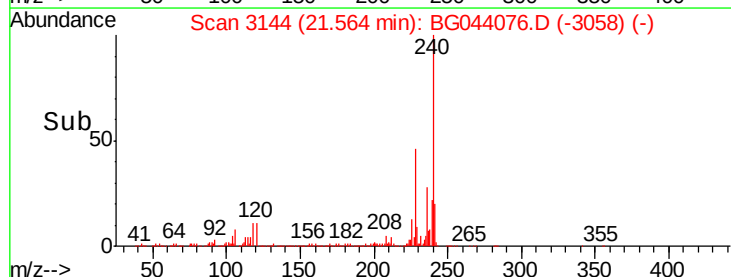
236 27.7 22.2 33.2

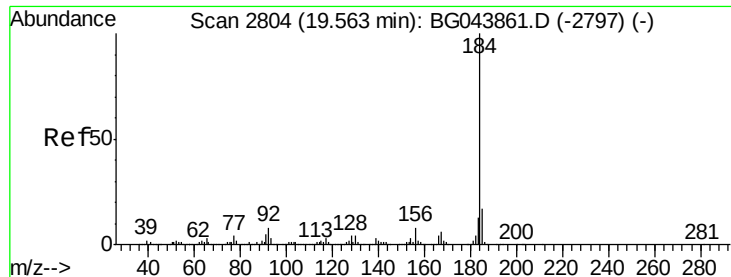


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 48.537 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.02 min

Lab File: BG044076.D

Acq: 17 Jan 2020 16:02

Instrument :

BNA_G

ClientSampleId :

PB126138BS

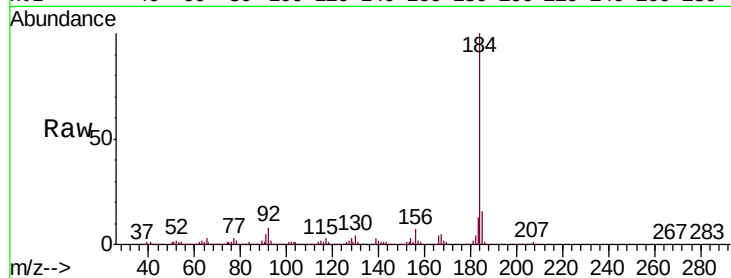
Tgt Ion:184 Resp: 502879

Ion Ratio Lower Upper

184 100

185 15.5 13.4 20.0

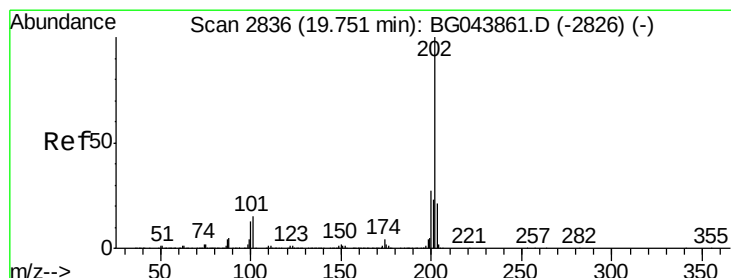
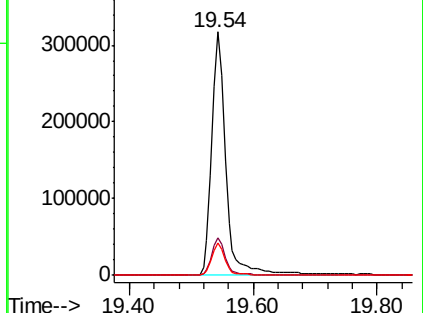
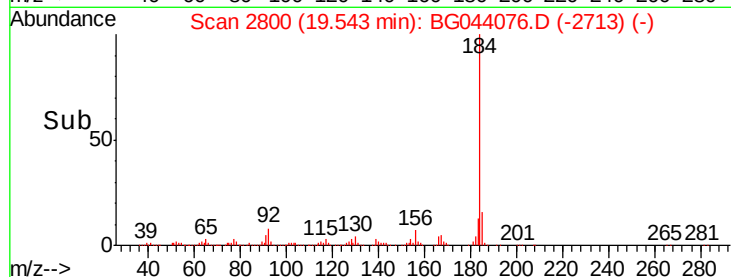
183 13.2 10.6 15.8



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: 44.652 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.03 min

Lab File: BG044076.D

Acq: 17 Jan 2020 16:02

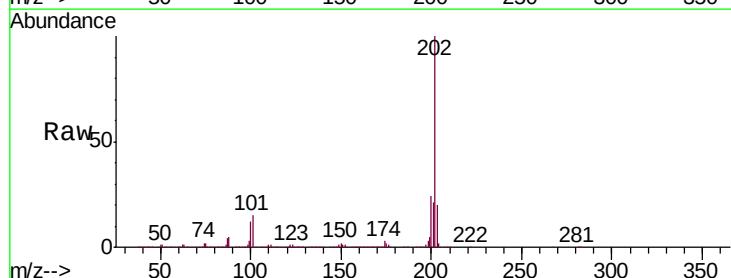
Tgt Ion:202 Resp: 1201383

Ion Ratio Lower Upper

202 100

200 24.4 21.7 32.5

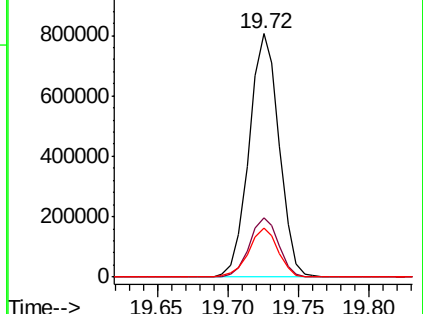
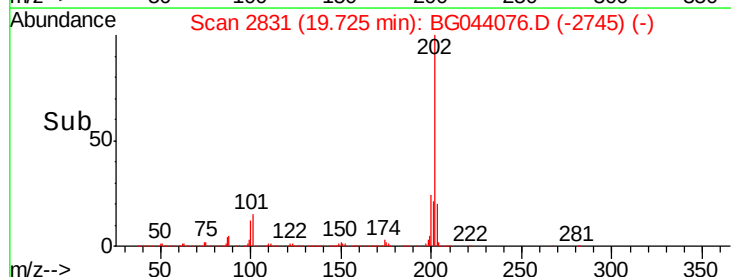
203 20.4 17.0 25.6

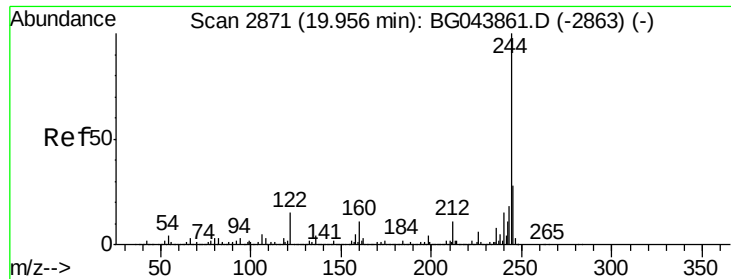


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.486 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044076.D

Acq: 17 Jan 2020 16:02

Instrument :

BNA_G

ClientSampleId :

PB126138BS

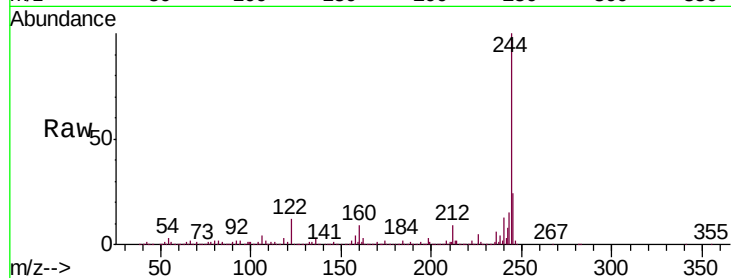
Tgt Ion:244 Resp: 1471780

Ion Ratio Lower Upper

244 100

212 8.9 8.6 13.0

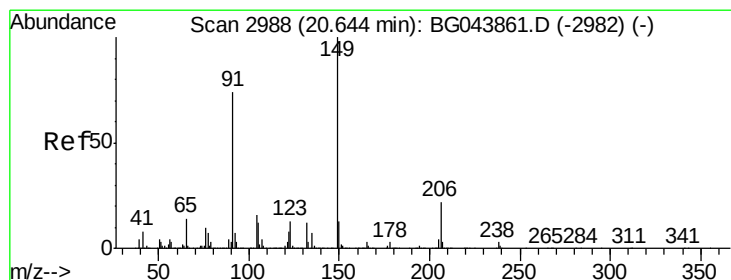
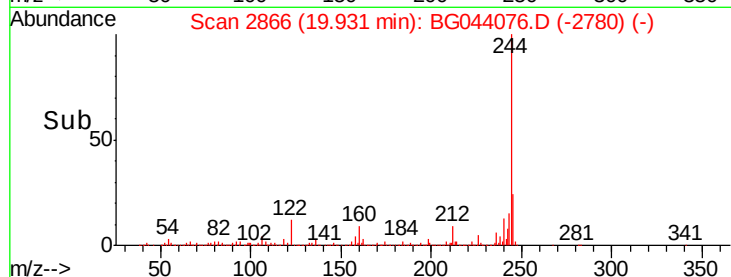
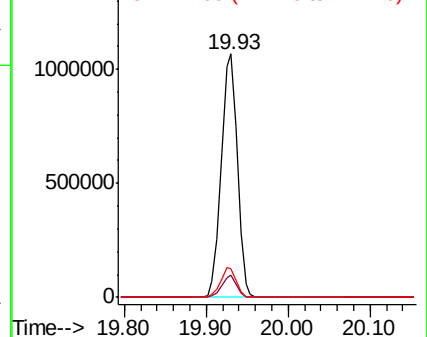
122 11.9 11.9 17.9#



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: 43.285 ng

RT: 20.62 min Scan# 2983

Delta R.T. -0.03 min

Lab File: BG044076.D

Acq: 17 Jan 2020 16:02

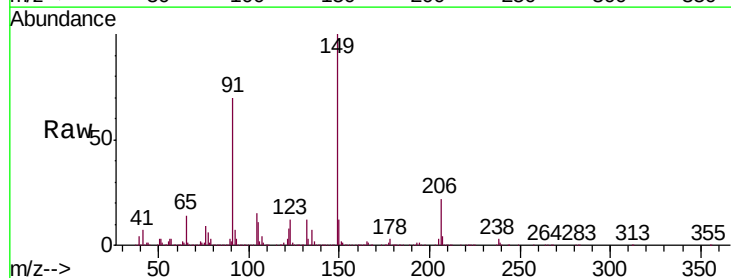
Tgt Ion:149 Resp: 554459

Ion Ratio Lower Upper

149 100

91 70.3 59.5 89.3

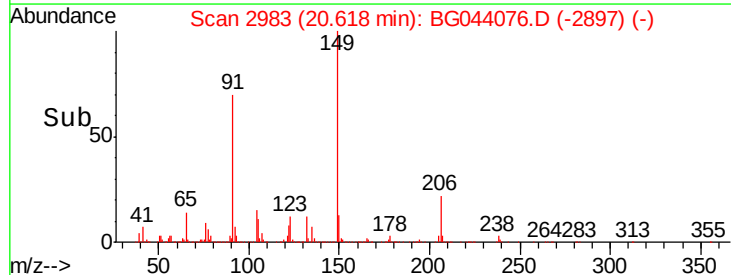
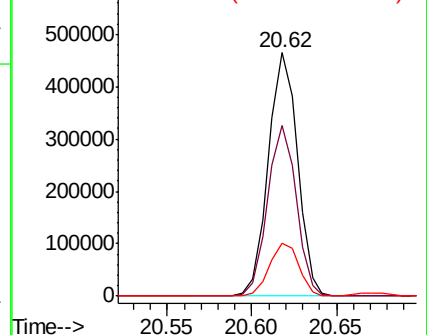
206 21.8 17.8 26.6

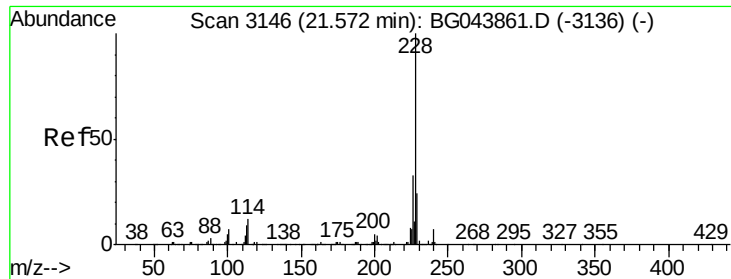


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

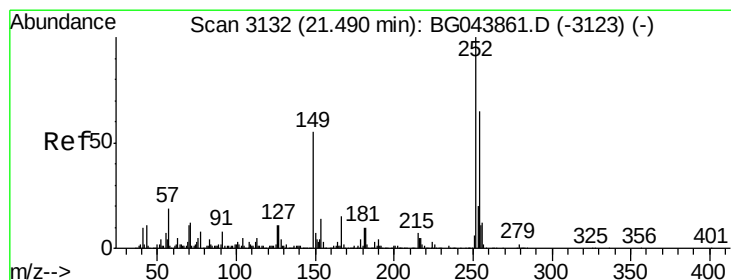
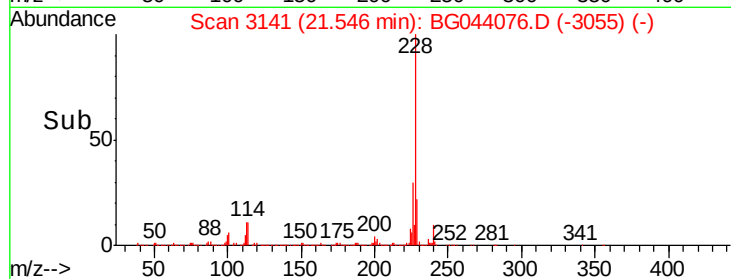
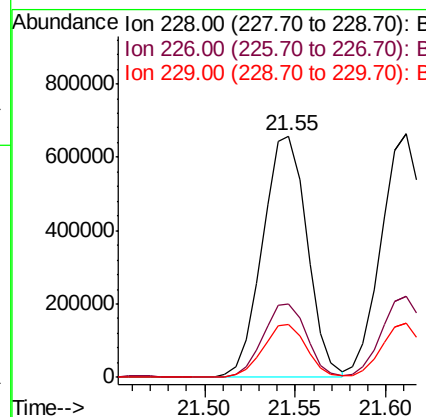
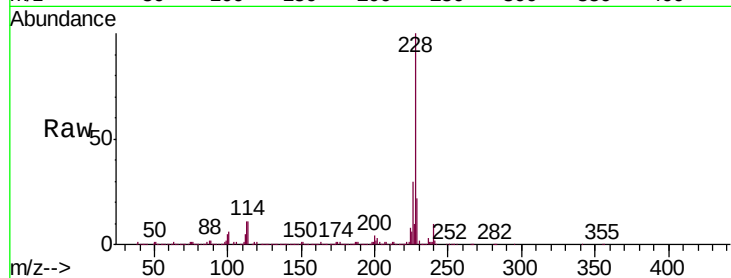




#81
Benzo(a)anthracene
Concen: 44.104 ng
RT: 21.55 min Scan# 3141
Delta R.T. -0.03 min
Lab File: BG044076.D
Acq: 17 Jan 2020 16:02

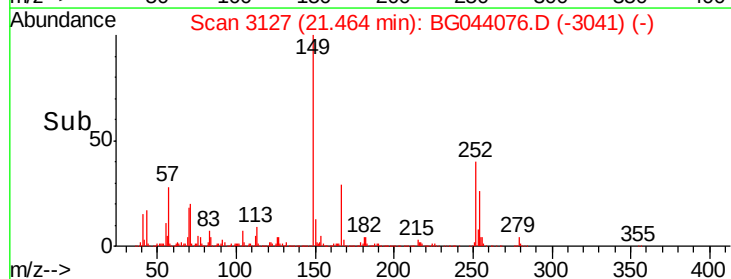
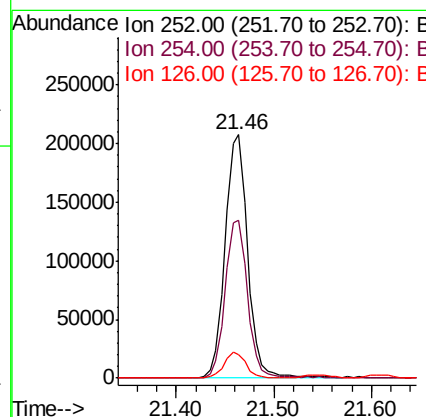
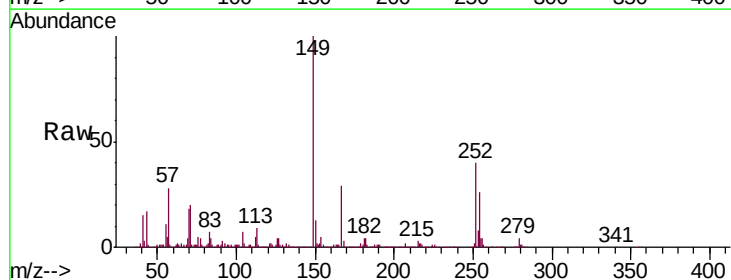
Instrument :
BNA_G
ClientSampleId :
PB126138BS

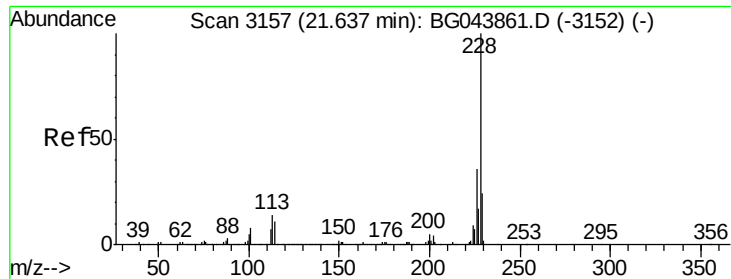
Tgt Ion:228 Resp: 1127265
Ion Ratio Lower Upper
228 100
226 30.5 26.2 39.4
229 21.8 18.9 28.3



#82
3,3'-Dichlorobenzidine
Concen: 33.028 ng
RT: 21.46 min Scan# 3127
Delta R.T. -0.03 min
Lab File: BG044076.D
Acq: 17 Jan 2020 16:02

Tgt Ion:252 Resp: 333508
Ion Ratio Lower Upper
252 100
254 64.8 52.1 78.1
126 9.8 9.1 13.7





#83

Chrysene

Concen: 44.746 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.03 min

Lab File: BG044076.D

Acq: 17 Jan 2020 16:02

Instrument :

BNA_G

ClientSampleId :

PB126138BS

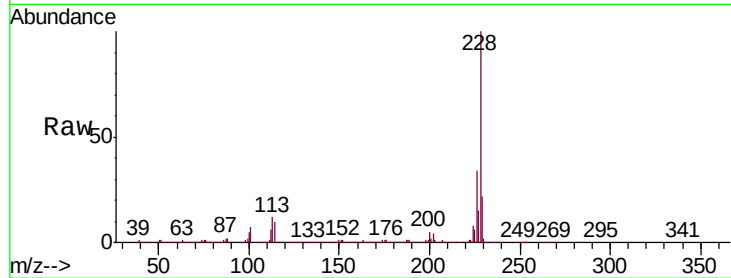
Tgt Ion:228 Resp: 1086709

Ion Ratio Lower Upper

228 100

226 33.5 28.8 43.2

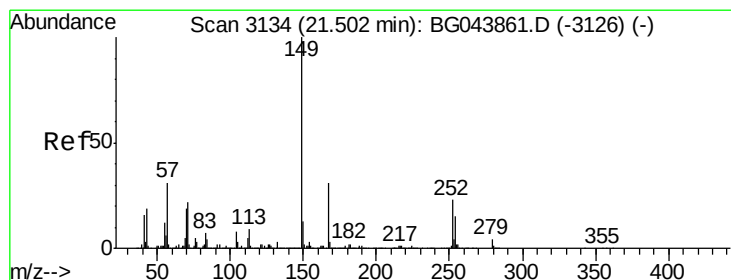
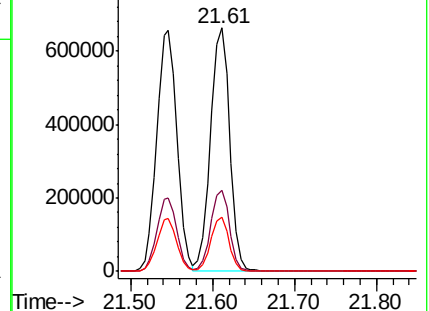
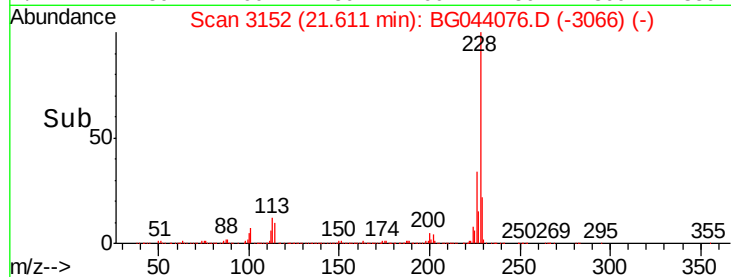
229 22.3 19.0 28.6



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: 43.821 ng

RT: 21.47 min Scan# 3128

Delta R.T. -0.03 min

Lab File: BG044076.D

Acq: 17 Jan 2020 16:02

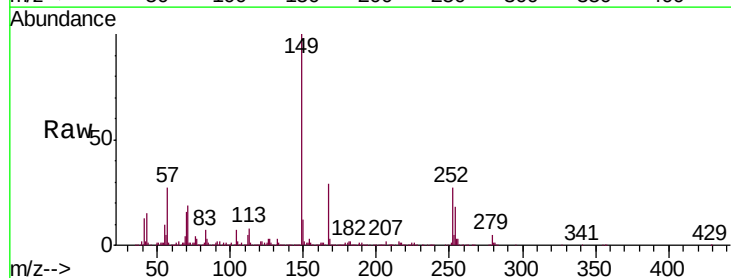
Tgt Ion:149 Resp: 774529

Ion Ratio Lower Upper

149 100

167 29.0 24.7 37.1

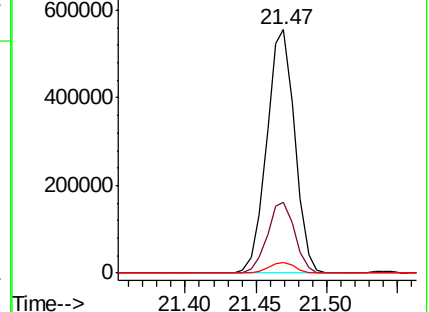
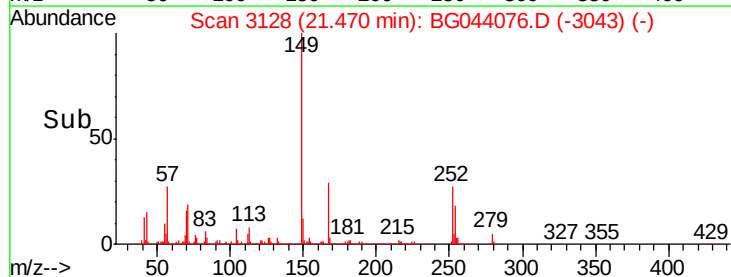
279 4.6 3.3 4.9

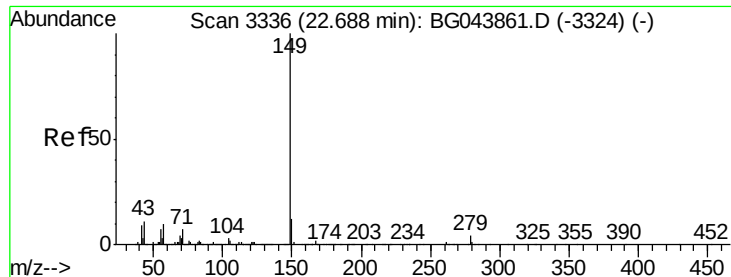


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.588 ng

RT: 22.65 min Scan# 3328

Delta R.T. -0.04 min

Lab File: BG044076.D

Acq: 17 Jan 2020 16:02

Instrument :

BNA_G

ClientSampleId :

PB126138BS

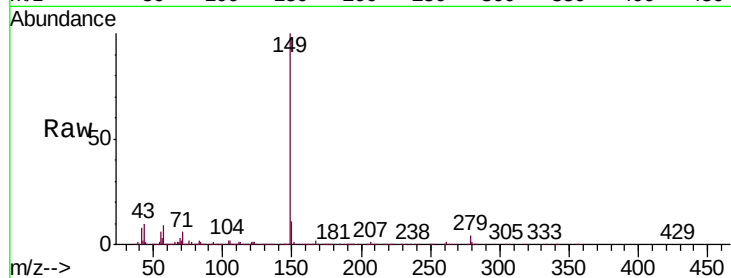
Tgt Ion:149 Resp: 1354595

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

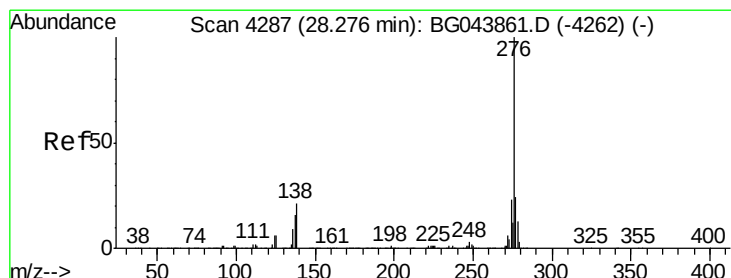
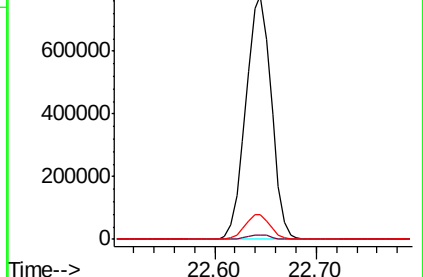
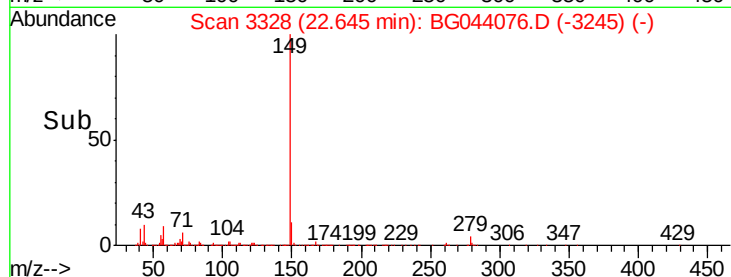
43 9.5 8.8 13.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.852 ng

RT: 28.20 min Scan# 4273

Delta R.T. -0.08 min

Lab File: BG044076.D

Acq: 17 Jan 2020 16:02

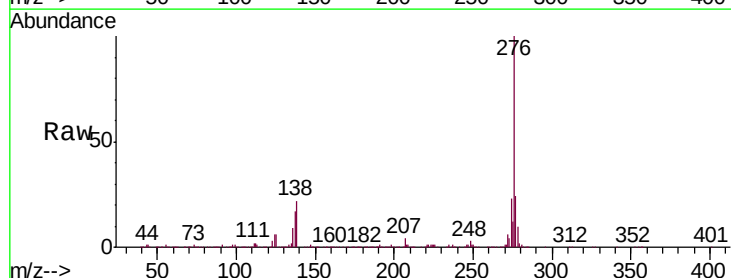
Tgt Ion:276 Resp: 1381319

Ion Ratio Lower Upper

276 100

138 26.4 21.0 31.4

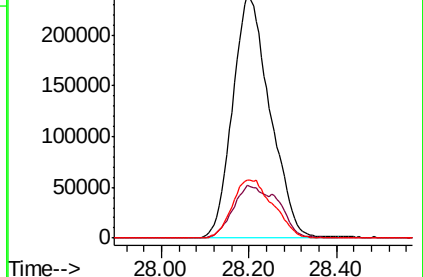
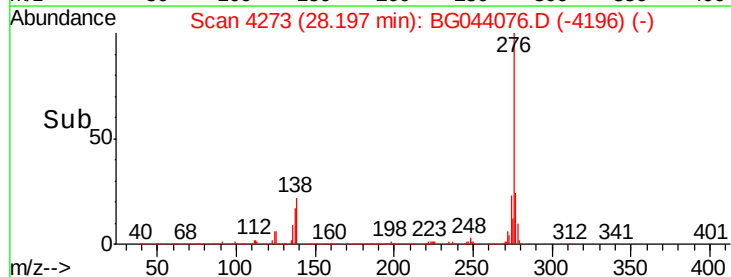
277 26.3 21.1 31.7

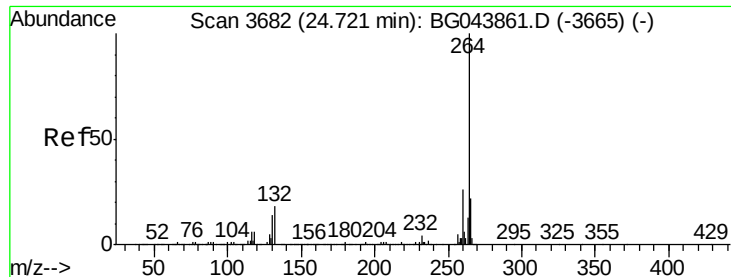


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



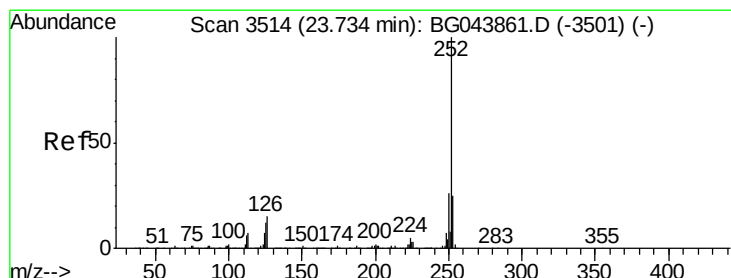
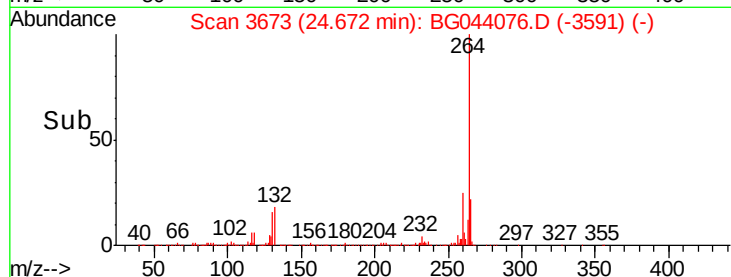
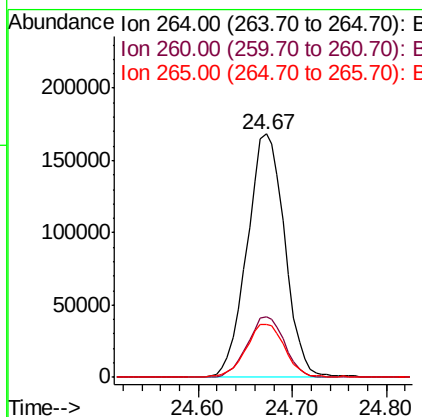
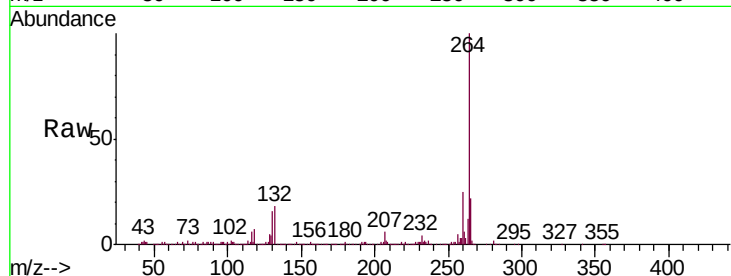


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3673
Delta R.T. -0.05 min
Lab File: BG044076.D
Acq: 17 Jan 2020 16:02

Instrument :
BNA_G
ClientSampleId :
PB126138BS

Tgt Ion: 264 Resp: 465217

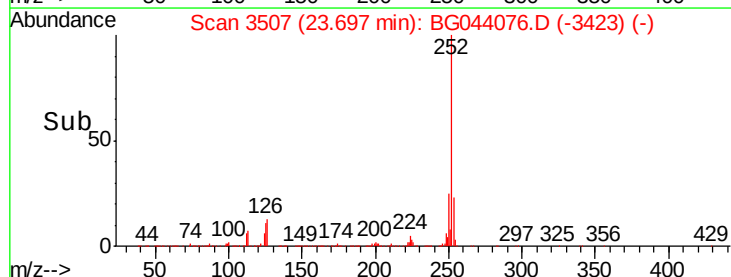
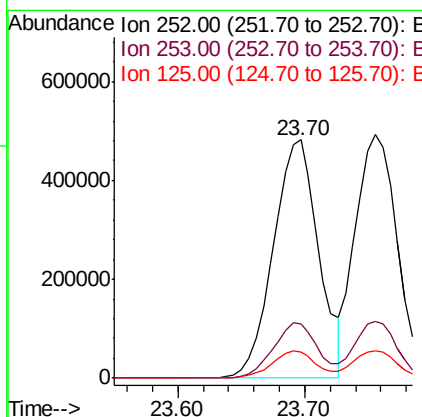
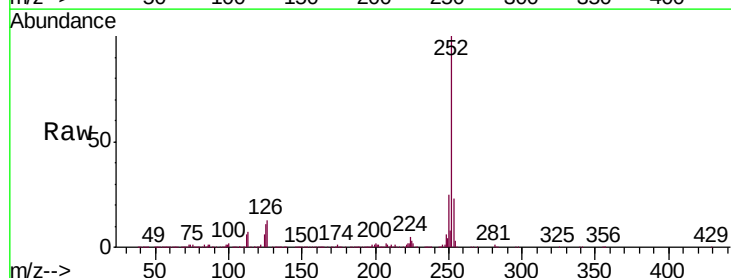
Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.4	30.6
265	22.0	17.4	26.2

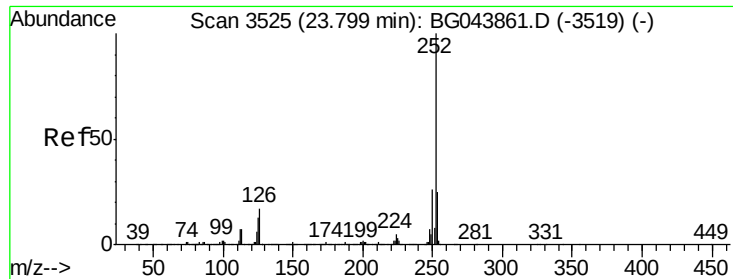


#88
Benzo(b)fluoranthene
Concen: 43.547 ng
RT: 23.70 min Scan# 3507
Delta R.T. -0.04 min
Lab File: BG044076.D
Acq: 17 Jan 2020 16:02

Tgt Ion: 252 Resp: 1197639

Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.7	29.5
125	10.9	9.4	14.2





#89

Benzo(k)fluoranthene

Concen: 43.169 ng

RT: 23.76 min Scan# 3517

Delta R.T. -0.04 min

Lab File: BG044076.D

Acq: 17 Jan 2020 16:02

Instrument :

BNA_G

ClientSampleId :

PB126138BS

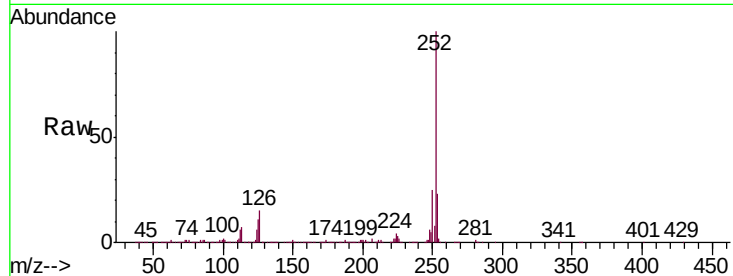
Tgt Ion:252 Resp: 1128996

Ion Ratio Lower Upper

252 100

253 23.5 19.4 29.2

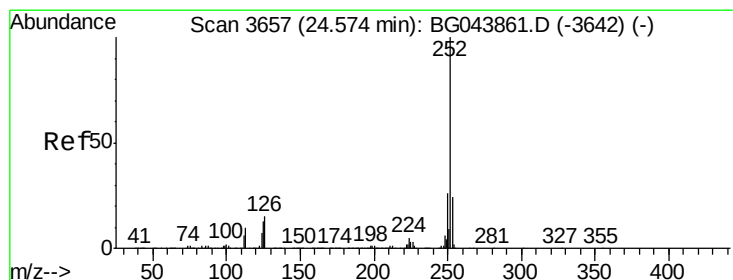
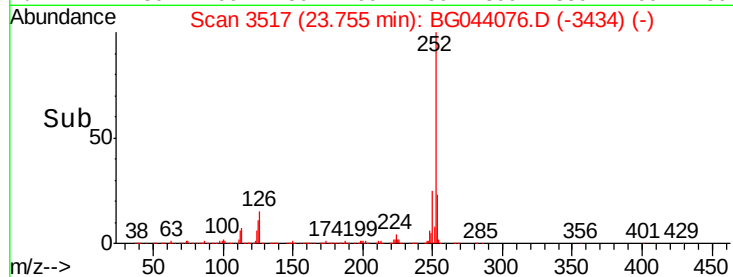
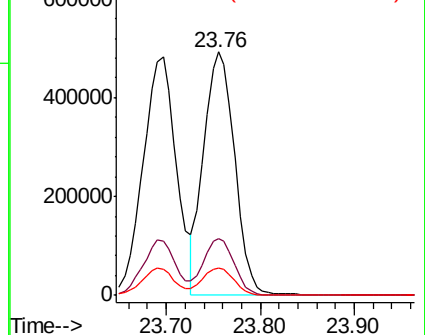
125 11.2 9.9 14.9



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: 41.919 ng

RT: 24.53 min Scan# 3649

Delta R.T. -0.04 min

Lab File: BG044076.D

Acq: 17 Jan 2020 16:02

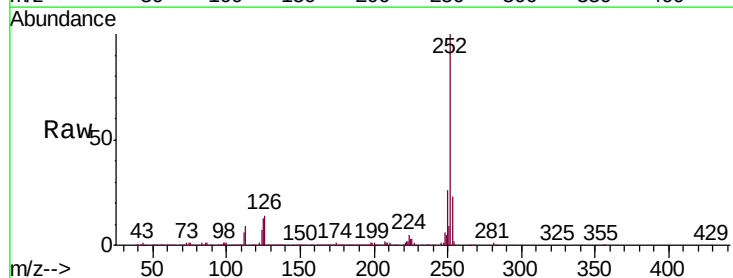
Tgt Ion:252 Resp: 1088119

Ion Ratio Lower Upper

252 100

253 22.9 19.3 28.9

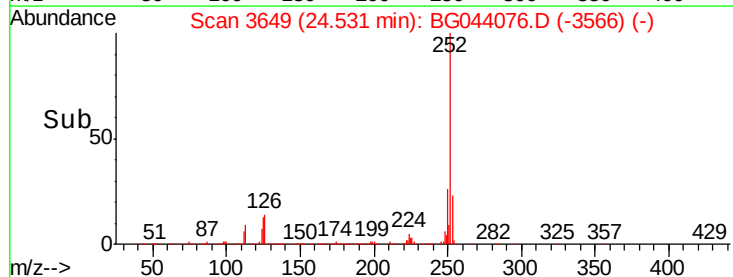
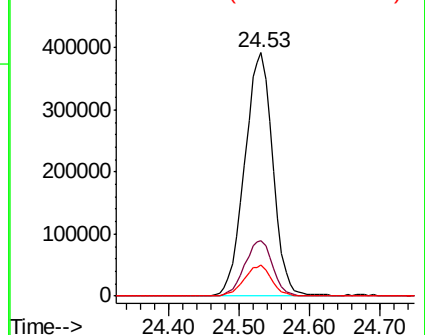
125 12.7 10.4 15.6

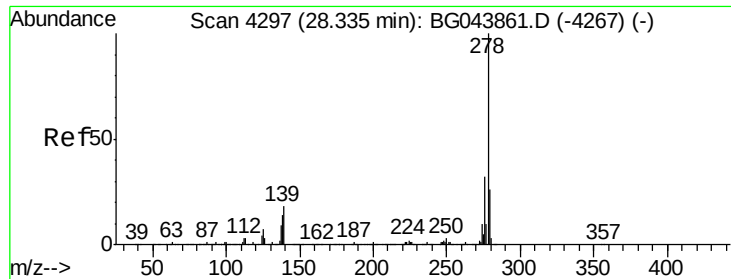


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



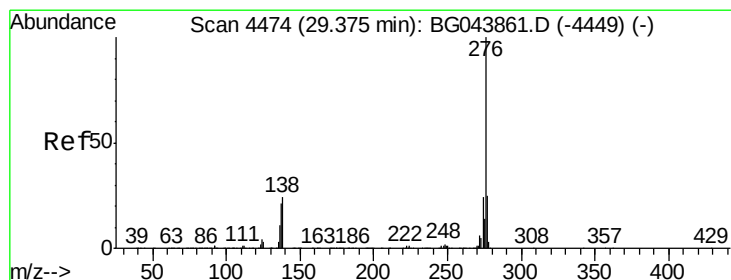
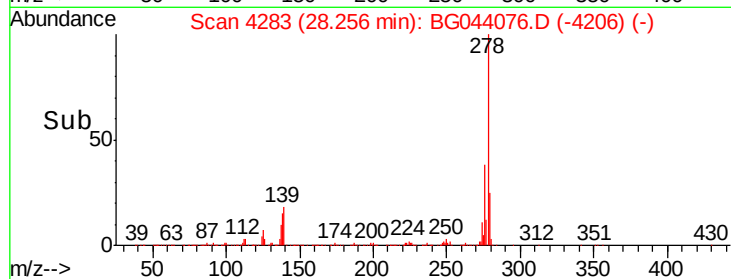
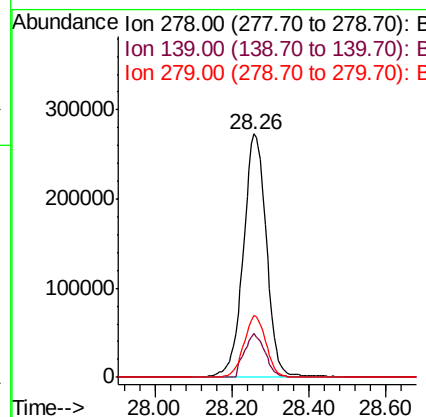
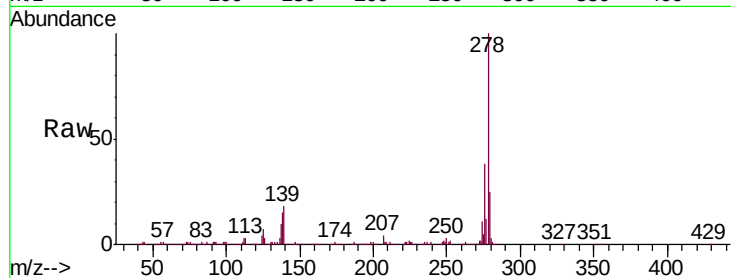


#91
Dibenzo(a,h)anthracene
Concen: 43.766 ng
RT: 28.26 min Scan# 4283
Delta R.T. -0.08 min
Lab File: BG044076.D
Acq: 17 Jan 2020 16:02

Instrument :
BNA_G
ClientSampleId :
PB126138BS

Tgt Ion:278 Resp: 1140923

Ion	Ratio	Lower	Upper
278	100		
139	18.1	14.2	21.4
279	25.5	20.6	30.8



#92
Benzo(g,h,i)perylene
Concen: 44.471 ng
RT: 29.30 min Scan# 4461
Delta R.T. -0.07 min
Lab File: BG044076.D
Acq: 17 Jan 2020 16:02

Tgt Ion:276 Resp: 1151567

Ion	Ratio	Lower	Upper
276	100		
277	24.7	20.2	30.4
138	23.4	19.0	28.6

