

Data File : BG044052.D
Acq On : 15 Jan 2020 16:31
Operator : JU
Sample : PB126095BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126095BS

Quant Time: Jan 16 08:09:19 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	7.94	152	84259	20.00	ng	-0.02
21) Naphthalene-d8	10.74	136	356284	20.00	ng	-0.02
39) Acenaphthene-d10	14.57	164	237425	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	530730	20.00	ng	-0.02
76) Chrysene-d12	21.57	240	464058	20.00	ng	-0.02
87) Perylene-d12	24.68	264	521193	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	416597	90.78	ng	-0.01
7) Phenol-d6	7.11	99	549740	85.70	ng	-0.01
23) Nitrobenzene-d5	9.10	82	529655	79.53	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	216644	87.19	ng	-0.02
45) 2-Fluorobiphenyl	13.20	172	1201198	91.66	ng	-0.02
79) Terphenyl-d14	19.93	244	1831037	99.32	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	3.41	88	93901	46.930 ng	96
3) Pyridine	3.81	79	219396	37.117 ng	93
4) n-Nitrosodimethylamine	3.72	42	107557	40.870 ng	94
6) Aniline	7.27	93	281087	33.362 ng	98
8) 2-Chlorophenol	7.51	128	258115	47.911 ng	97
9) Benzaldehyde	7.07	77	149246	36.353 ng	98
10) Phenol	7.14	94	321454	48.639 ng	97
11) bis(2-Chloroethyl)ether	7.36	93	234234	41.058 ng	98
12) 1,3-Dichlorobenzene	7.84	146	268340	42.565 ng	98
13) 1,4-Dichlorobenzene	7.98	146	266740	42.882 ng	98
14) 1,2-Dichlorobenzene	8.29	146	256149	42.902 ng	97
15) Benzyl Alcohol	8.18	79	213254	42.124 ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	312653	35.424 ng	98
17) 2-Methylphenol	8.39	107	222290	46.478 ng	98
18) Hexachloroethane	9.03	117	98138	40.546 ng	96
19) n-Nitroso-di-n-propylamine	8.75	70	184033	38.525 ng	# 96
20) 3+4-Methylphenols	8.72	107	305683	45.816 ng	97
22) Acetophenone	8.76	105	349385	39.445 ng	# 97
24) Nitrobenzene	9.14	77	261360	39.622 ng	97
25) Isophorone	9.67	82	502385	40.207 ng	99
26) 2-Nitrophenol	9.85	139	143322	45.925 ng	98
27) 2,4-Dimethylphenol	9.92	122	244392	52.023 ng	97
28) bis(2-Chloroethoxy)methane	10.15	93	319072	38.304 ng	98
29) 2,4-Dichlorophenol	10.39	162	258259	46.088 ng	97
30) 1,2,4-Trichlorobenzene	10.61	180	249491	39.709 ng	98
31) Naphthalene	10.80	128	744149	43.161 ng	99
32) Benzoic acid	10.06	122	125611	34.812 ng	92
33) 4-Chloroaniline	10.90	127	192184	23.370 ng	98
34) Hexachlorobutadiene	11.09	225	142922	37.257 ng	98
35) Caprolactam	11.66	113	63859	30.613 ng	97
36) 4-Chloro-3-methylphenol	12.03	107	272884	45.745 ng	98
37) 2-Methylnaphthalene	12.40	142	556387	42.864 ng	98
38) 1-Methylnaphthalene	12.62	142	529550	43.045 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	265318	38.126 ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	355496	98.536	ng	98
43) 2,4,6-Trichlorophenol	13.01	196	203504	42.500	ng	98
44) 2,4,5-Trichlorophenol	13.09	196	224300	45.418	ng	98
46) 1,1'-Biphenyl	13.41	154	706838	41.522	ng	99
47) 2-Chloronaphthalene	13.45	162	550086	39.990	ng	98
48) 2-Nitroaniline	13.65	65	169791	38.373	ng	93
49) Acenaphthylene	14.30	152	884940	44.759	ng	97
50) Dimethylphthalate	14.03	163	718808	42.639	ng	98
51) 2,6-Dinitrotoluene	14.15	165	165254	43.370	ng	95
52) Acenaphthene	14.64	154	555093	40.035	ng	98
53) 3-Nitroaniline	14.47	138	118556	27.399	ng	97
54) 2,4-Dinitrophenol	14.68	184	190727	97.002	ng	97
55) Dibenzofuran	14.97	168	844706	44.256	ng	97
56) 4-Nitrophenol	14.79	139	315739	95.223	ng	93
57) 2,4-Dinitrotoluene	14.93	165	234811	45.289	ng	98
58) Fluorene	15.63	166	677811	44.804	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.20	232	193928	45.666	ng	96
60) Diethylphthalate	15.40	149	729689	43.276	ng	98
61) 4-Chlorophenyl-phenylether	15.62	204	348071	42.372	ng	96
62) 4-Nitroaniline	15.64	138	167991	39.315	ng	93
63) Azobenzene	15.91	77	657863	42.070	ng	99
65) 4,6-Dinitro-2-methylphenol	15.70	198	141548	51.420	ng	91
66) n-Nitrosodiphenylamine	15.83	169	635687	40.673	ng	99
67) 4-Bromophenyl-phenylether	16.51	248	229748	38.490	ng	97
68) Hexachlorobenzene	16.64	284	250762	38.987	ng	95
69) Atrazine	16.78	200	243546	47.939	ng	97
70) Pentachlorophenol	16.98	266	293083	82.662	ng	99
71) Phenanthrene	17.36	178	1091847	42.891	ng	98
72) Anthracene	17.45	178	1131891	44.991	ng	97
73) Carbazole	17.72	167	1032671	44.437	ng	97
74) Di-n-butylphthalate	18.29	149	1271098	42.840	ng	97
75) Fluoranthene	19.37	202	1276242	43.837	ng	97
77) Benzidine	19.55	184	563307	48.293	ng	98
78) Pyrene	19.73	202	1283420	42.370	ng	97
80) Butylbenzylphthalate	20.62	149	589655	40.888	ng	95
81) Benzo(a)anthracene	21.55	228	1215137	42.229	ng	97
82) 3,3'-Dichlorobenzidine	21.47	252	337929	29.726	ng	98
83) Chrysene	21.61	228	1171790	42.857	ng	97
84) Bis(2-ethylhexyl)phthalate	21.47	149	830597	41.742	ng	98
85) Di-n-octyl phthalate	22.65	149	1425468	42.612	ng	97
86) Indeno(1,2,3-cd)pyrene	28.21	276	1482556	39.899	ng	100
88) Benzo(b)fluoranthene	23.70	252	1266394	41.101	ng	98
89) Benzo(k)fluoranthene	23.76	252	1257451	42.917	ng	98
90) Benzo(a)pyrene	24.53	252	1176554	40.458	ng	98
91) Dibenzo(a,h)anthracene	28.26	278	1221063	41.809	ng	98
92) Benzo(g,h,i)perylene	29.31	276	1243194	42.853	ng	98

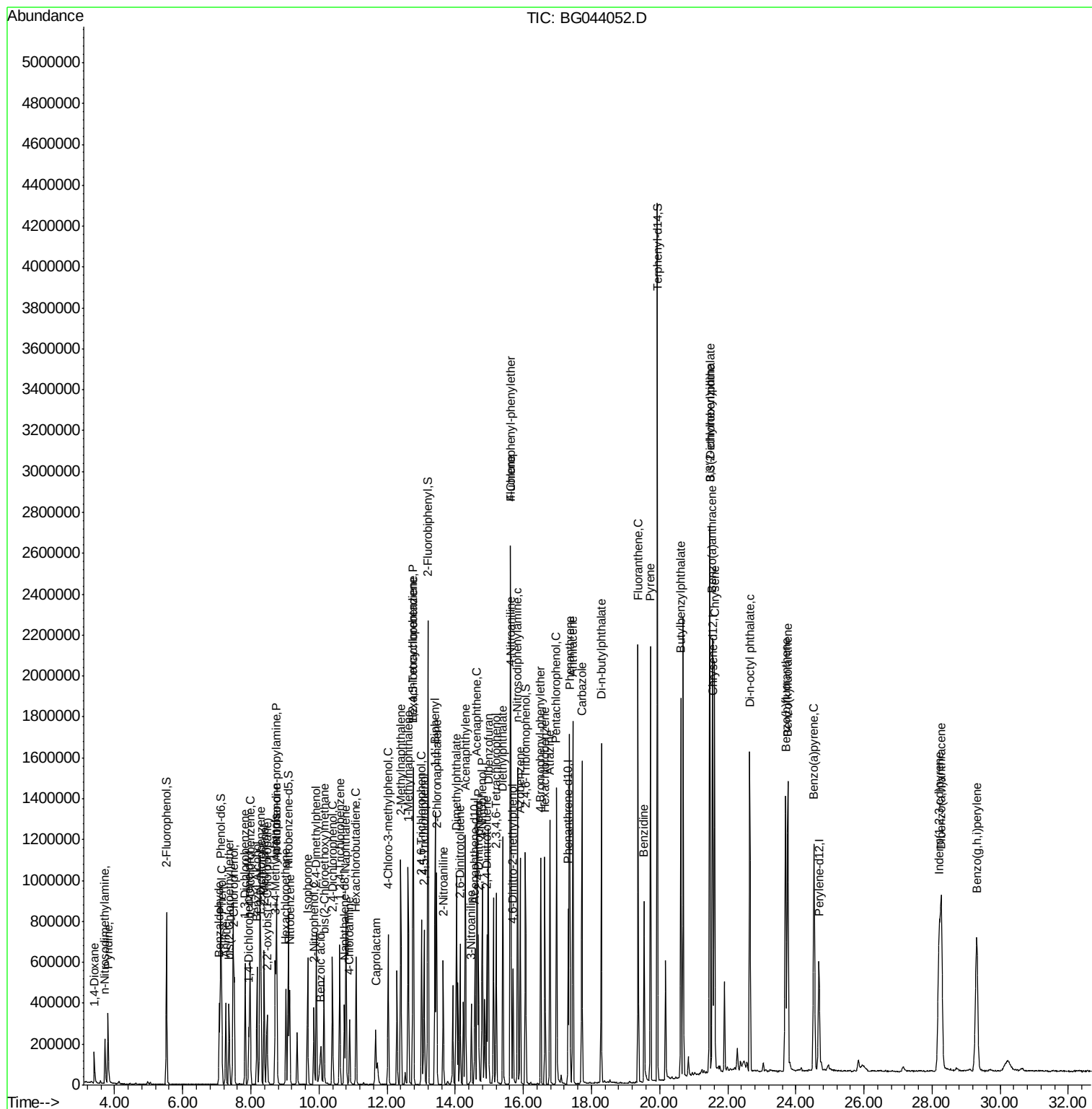
(#) = qualifier out of range (m) = manual integration (+) = signals summed

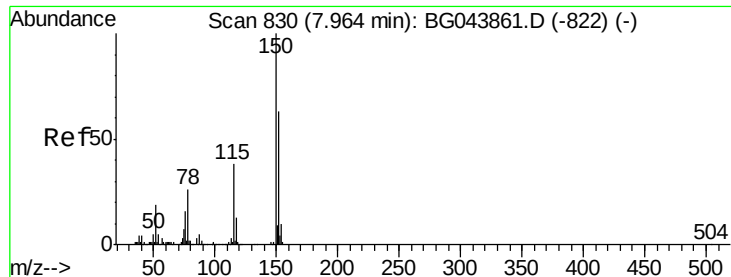
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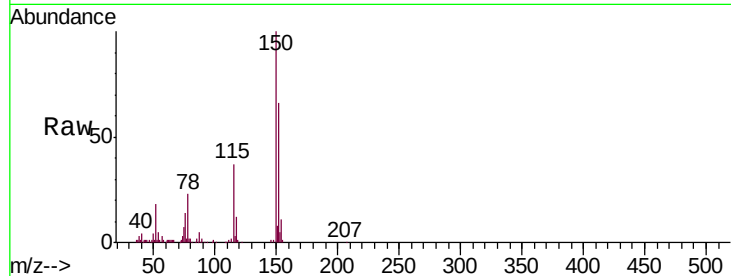


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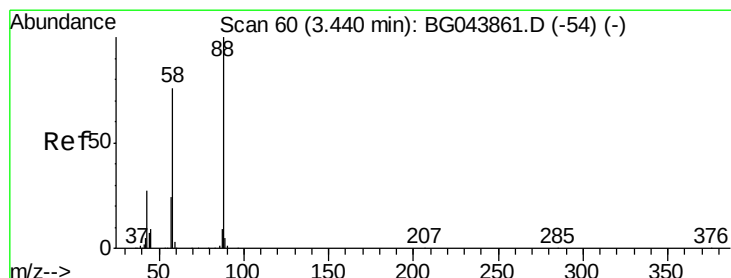
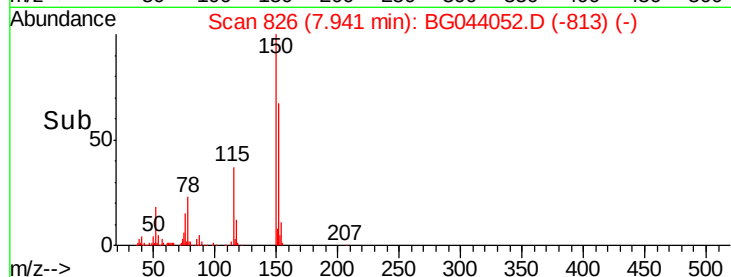
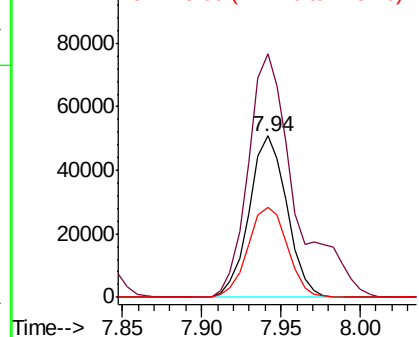
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.02 min
Lab File: BG044052.D
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Instrument :
BNA_G
ClientSampleId :
PB126095BS

Tgt Ion:152 Resp: 84259
Ion Ratio Lower Upper
152 100
150 151.1 127.0 190.4
115 56.1 47.8 71.8



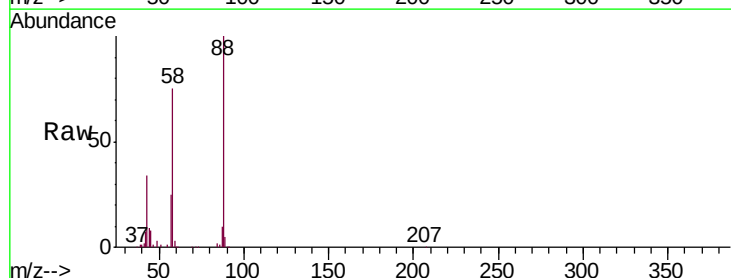
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



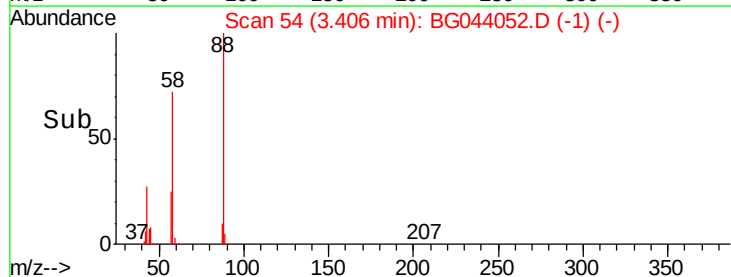
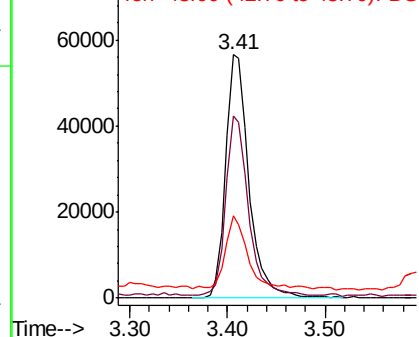
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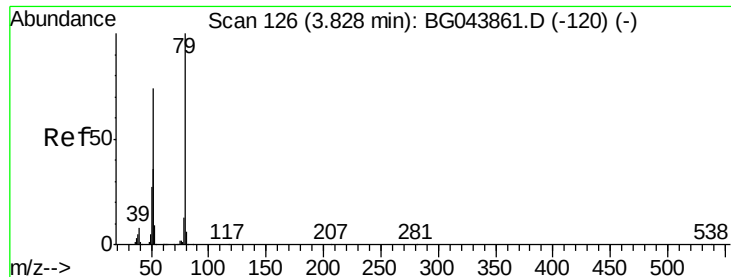
1,4-Dioxane
Concen: 46.930 ng
RT: 3.41 min Scan# 54
Delta R.T. -0.03 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Tgt Ion: 88 Resp: 93901
Ion Ratio Lower Upper
88 100
58 70.6 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: 37.117 ng

RT: 3.81 min Scan# 122

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Instrument :

BNA_G

ClientSampleId :

PB126095BS

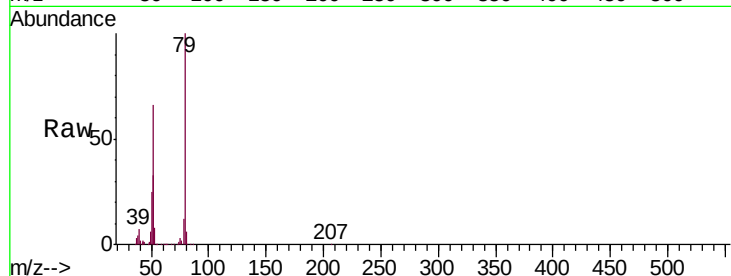
Tgt Ion: 79 Resp: 219396

Ion Ratio Lower Upper

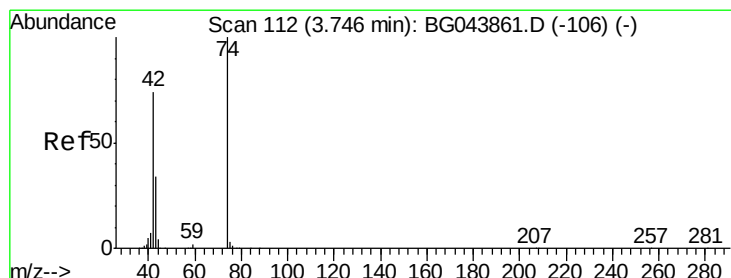
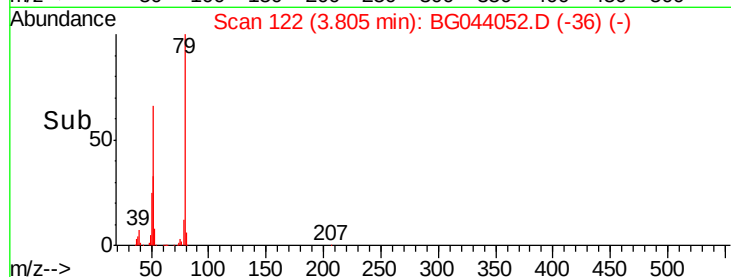
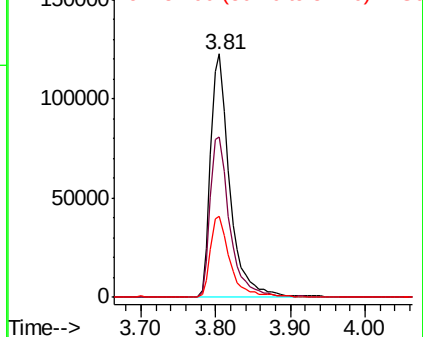
79 100

52 66.1 58.9 88.3

51 33.2 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: 40.870 ng

RT: 3.72 min Scan# 107

Delta R.T. -0.03 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

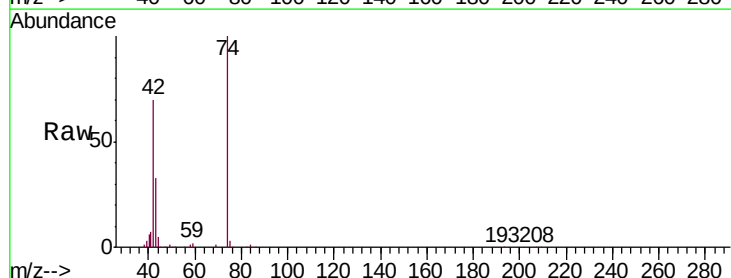
Tgt Ion: 42 Resp: 107557

Ion Ratio Lower Upper

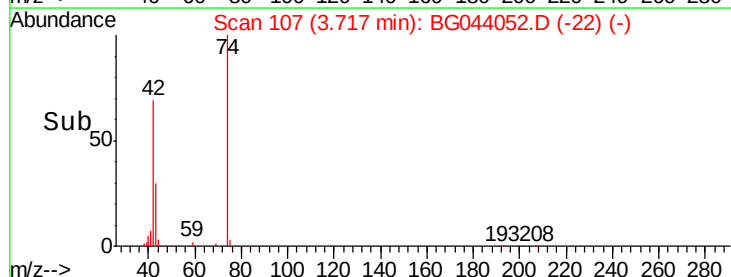
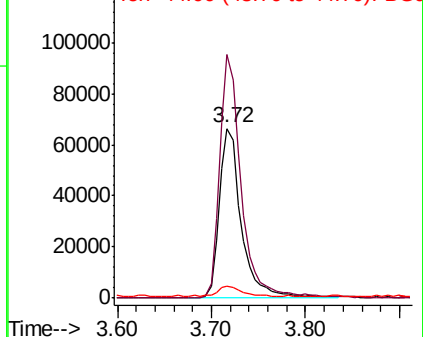
42 100

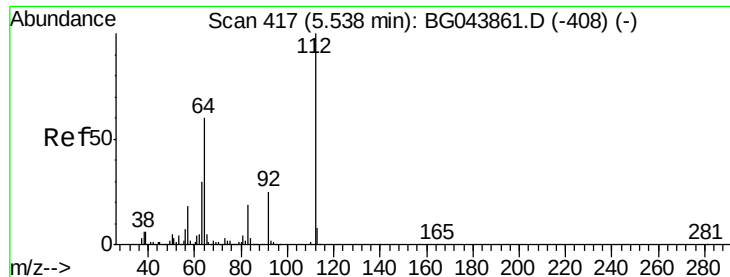
74 143.7 108.6 162.8

44 6.9 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: 90.782 ng

RT: 5.53 min Scan# 415

Delta R.T. -0.01 min

Lab File: BG044052.D

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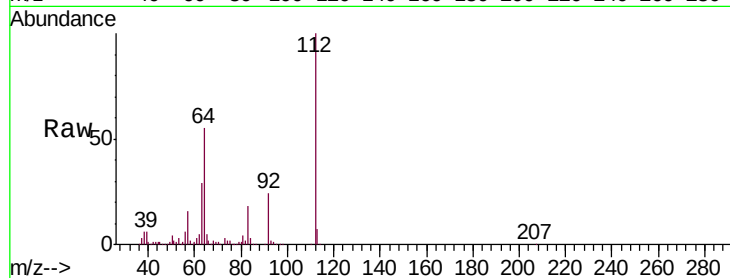
Tgt Ion: 112 Resp: 416597

Ion Ratio Lower Upper

112 100

64 55.1 47.8 71.6

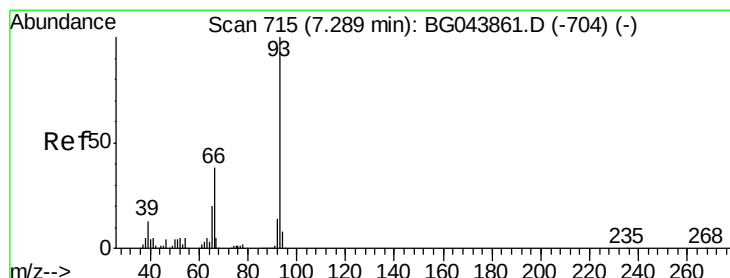
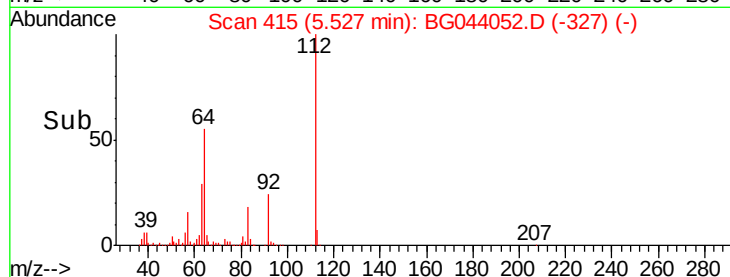
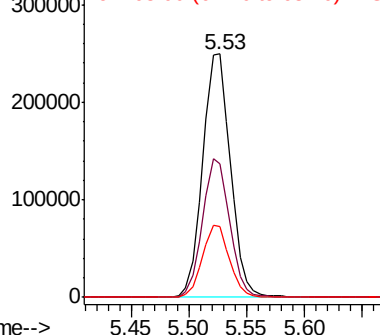
63 29.2 24.3 36.5



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: 33.362 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

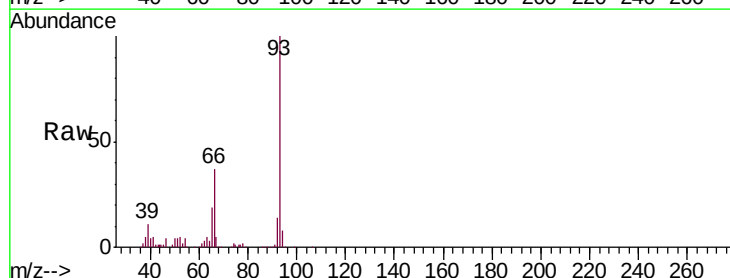
Tgt Ion: 93 Resp: 281087

Ion Ratio Lower Upper

93 100

66 37.2 30.8 46.2

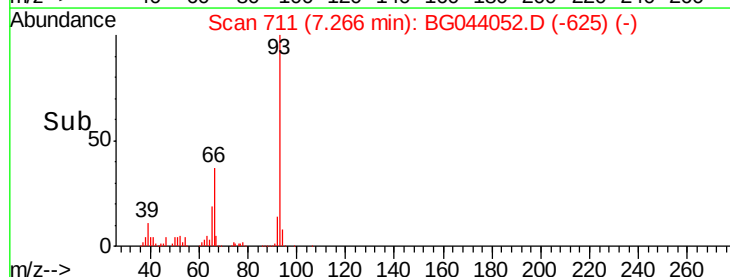
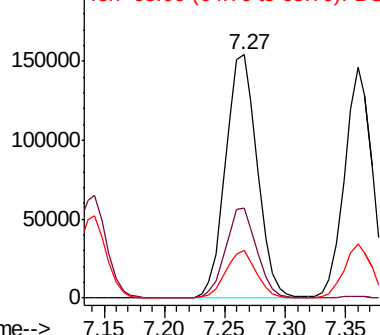
65 19.5 16.0 24.0

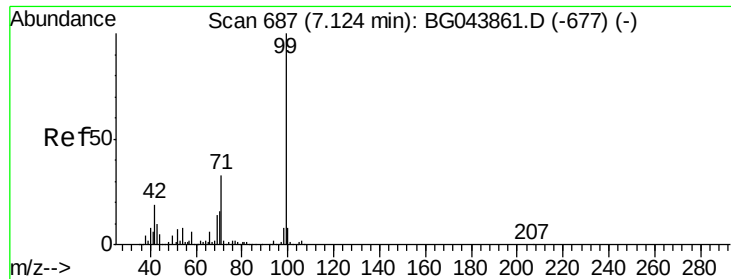


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 85.702 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.01 min

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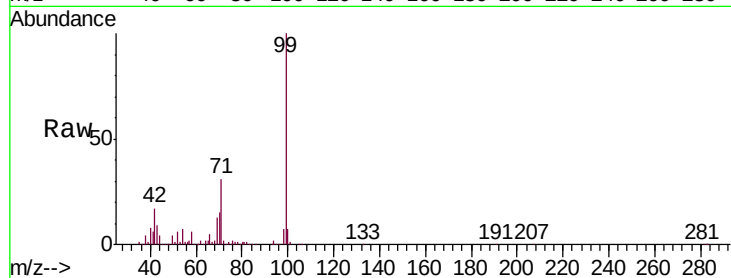
Tgt Ion: 99 Resp: 549740

Ion Ratio Lower Upper

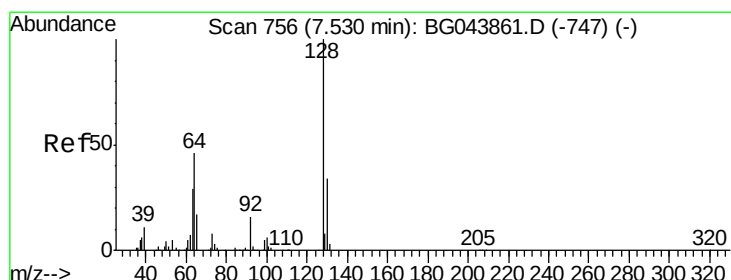
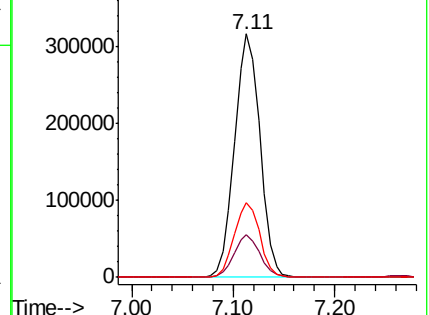
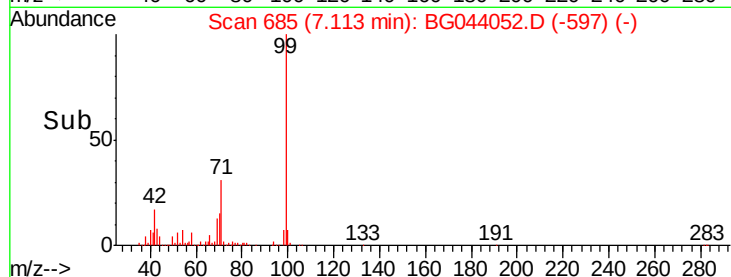
99 100

42 17.4 14.9 22.3

71 30.6 26.4 39.6



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



#8

2-Chlorophenol

Concen: 47.911 ng

RT: 7.51 min Scan# 753

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

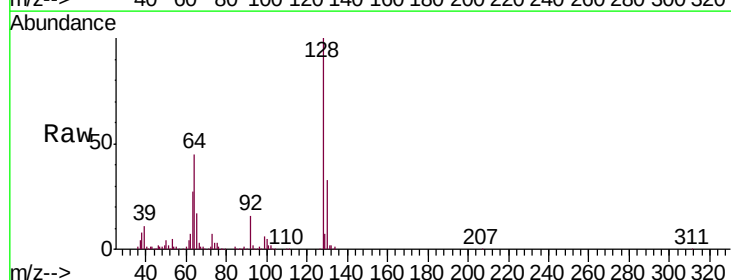
Tgt Ion: 128 Resp: 258115

Ion Ratio Lower Upper

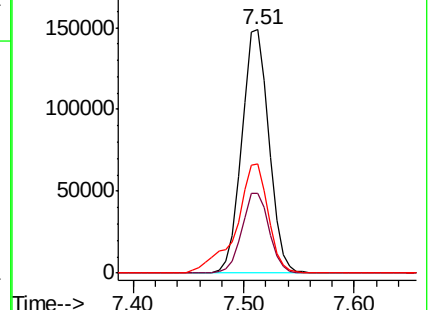
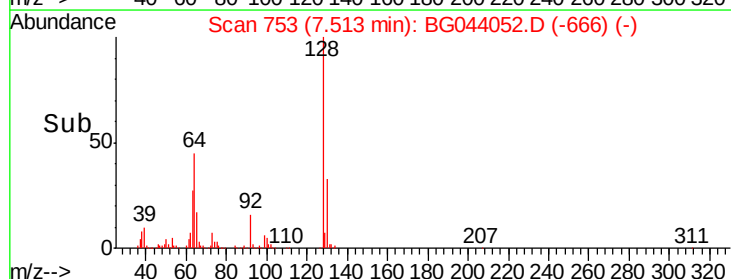
128 100

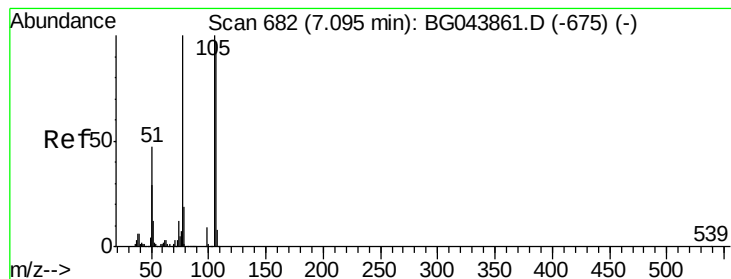
130 32.9 13.8 53.8

64 44.8 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: 36.353 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.02 min

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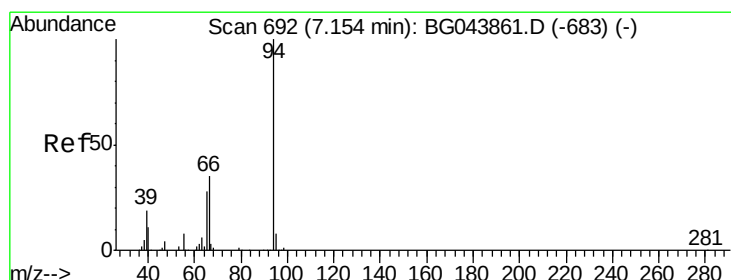
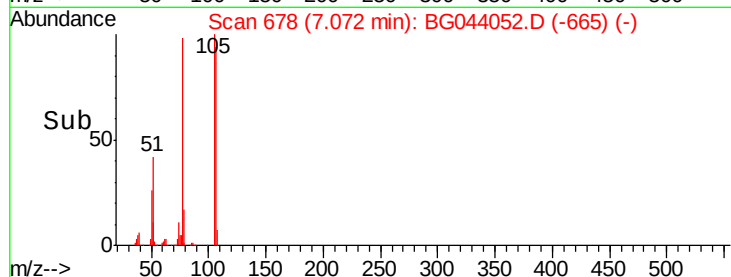
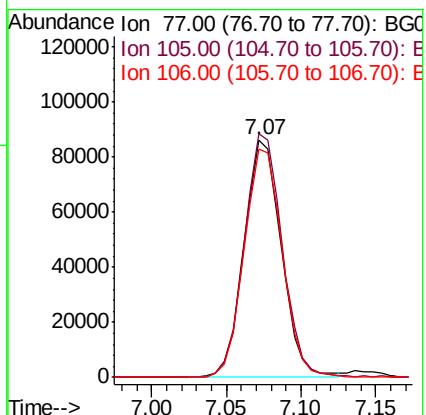
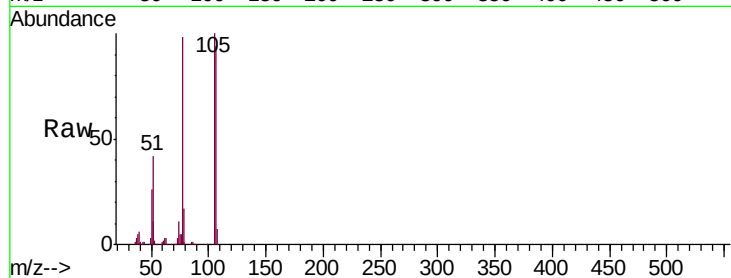
Tgt Ion: 77 Resp: 149246

Ion Ratio Lower Upper

77 100

105 102.4 80.2 120.2

106 96.3 77.2 117.2



#10

Phenol

Concen: 48.639 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

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Acq: 15 Jan 2020 16:31

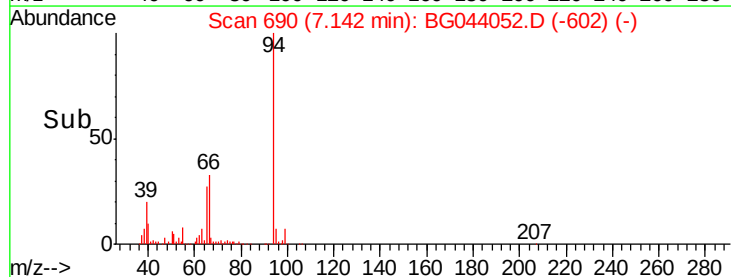
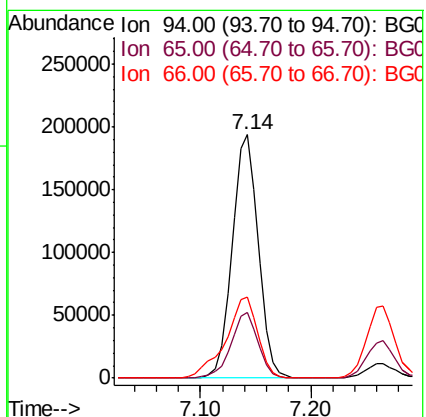
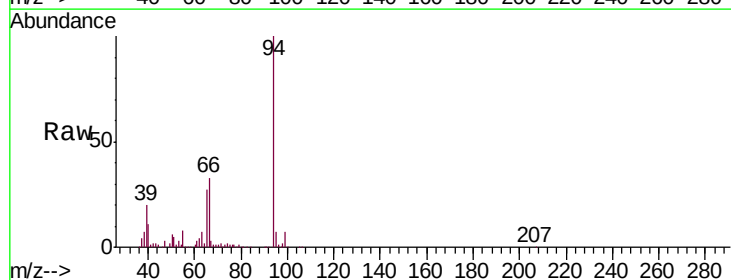
Tgt Ion: 94 Resp: 321454

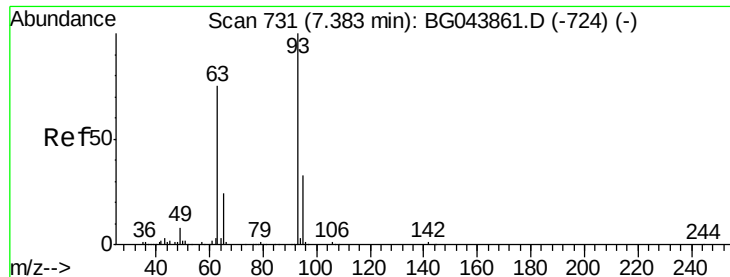
Ion Ratio Lower Upper

94 100

65 26.9 8.1 48.1

66 33.4 15.6 55.6

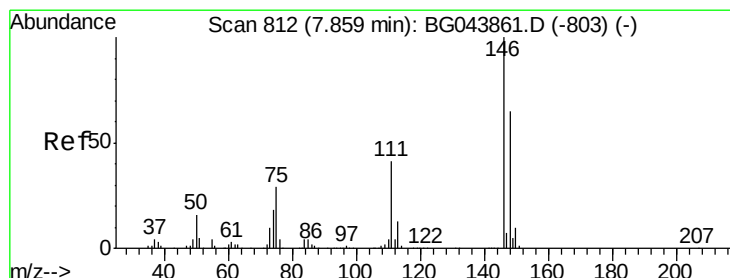
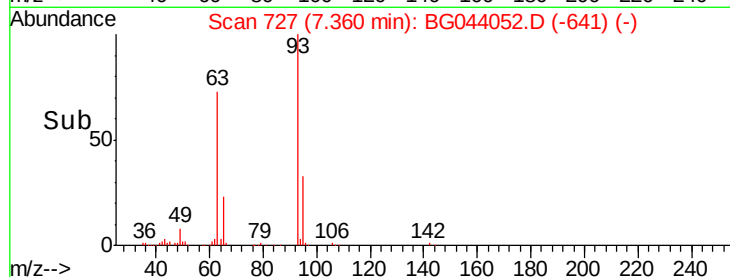
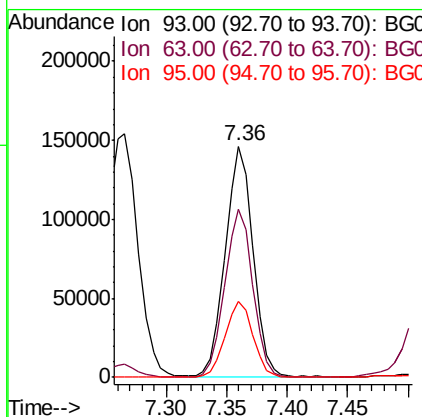
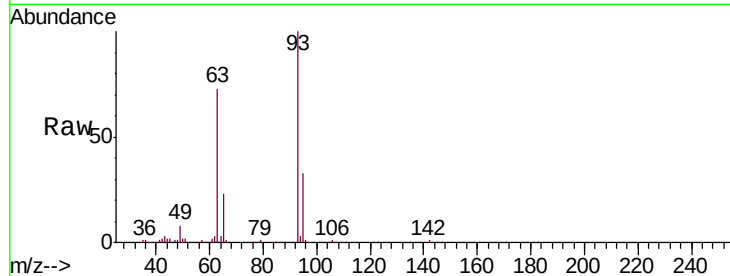




#11
bis(2-Chloroethyl)ether
Concen: 41.058 ng
RT: 7.36 min Scan# 727
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

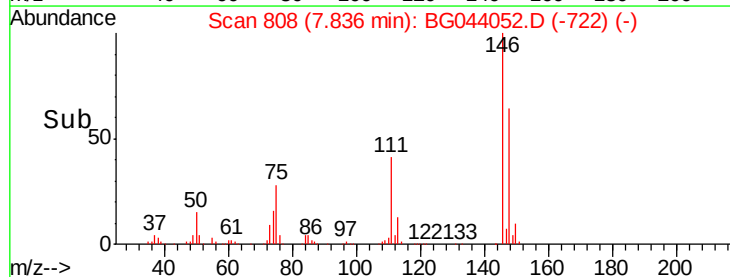
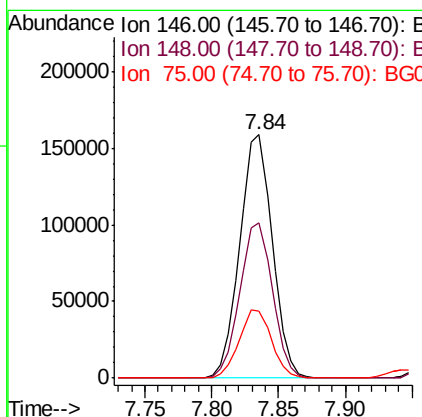
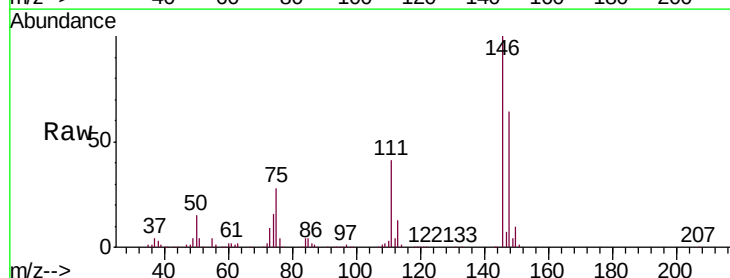
Instrument :
BNA_G
ClientSampleId :
PB126095BS

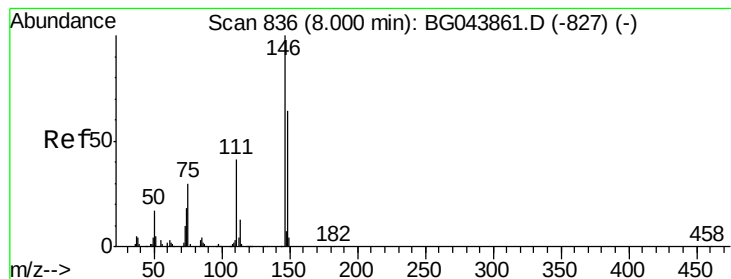
Tgt Ion	Ratio	Lower	Upper
93	100		
63	72.9	55.0	95.0
95	32.8	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 42.565 ng
RT: 7.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.1	78.1
75	27.7	23.0	34.4





#13

1,4-Dichlorobenzene

Concen: 42.882 ng

RT: 7.98 min Scan# 832

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Instrument :

BNA_G

ClientSampleId :

PB126095BS

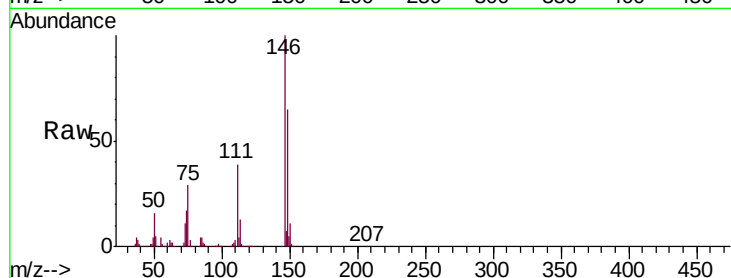
Tgt Ion:146 Resp: 266740

Ion Ratio Lower Upper

146 100

148 64.9 51.2 76.8

111 39.5 33.1 49.7

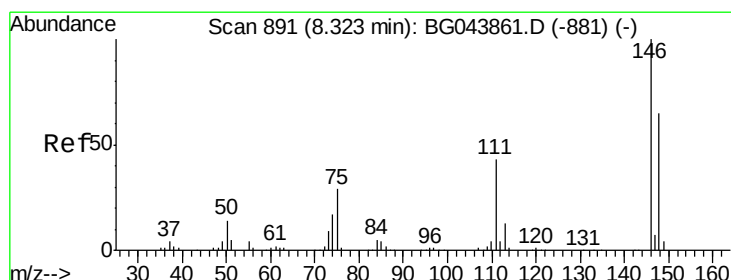
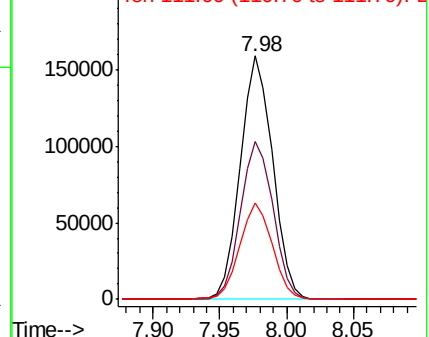
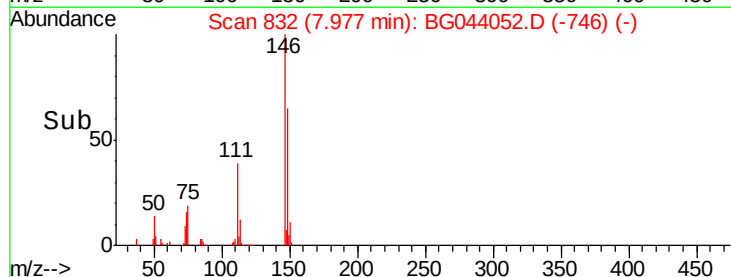


Abundance

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: 42.902 ng

RT: 8.29 min Scan# 886

Delta R.T. -0.03 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

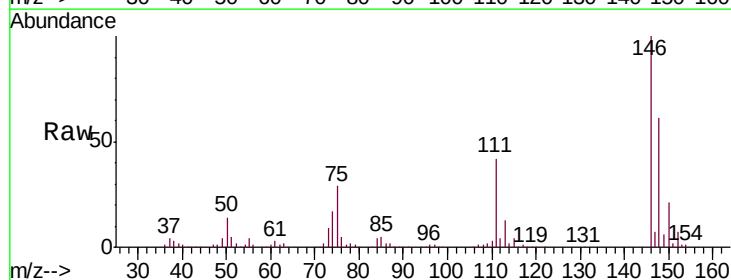
Tgt Ion:146 Resp: 256149

Ion Ratio Lower Upper

146 100

148 61.4 51.7 77.5

111 42.3 34.4 51.6

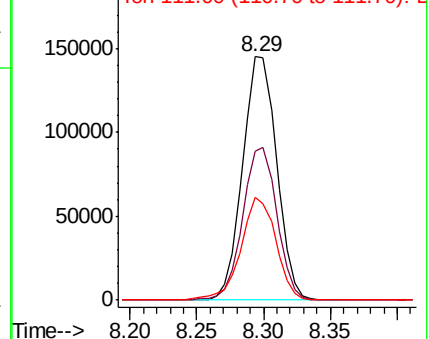
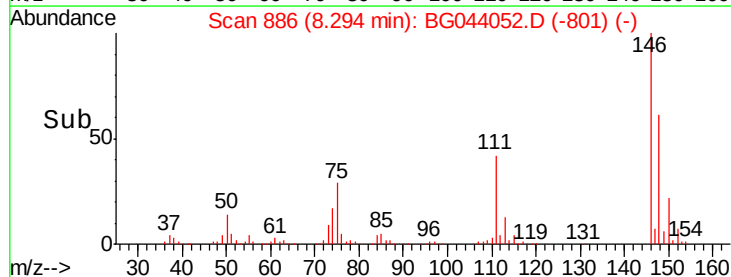


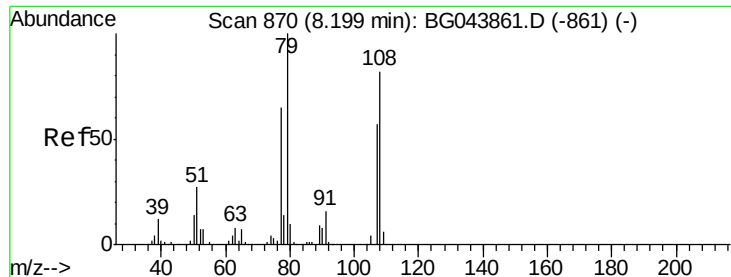
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.124 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Instrument :

BNA_G

ClientSampleId :

PB126095BS

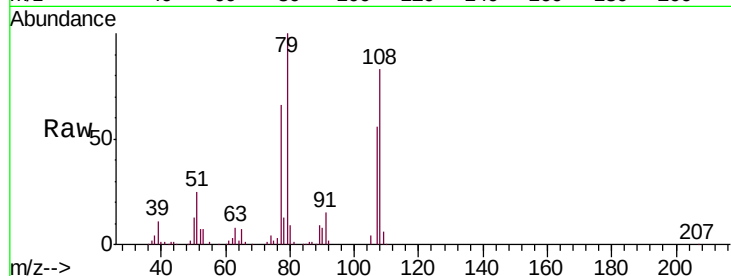
Tgt Ion: 79 Resp: 213254

Ion Ratio Lower Upper

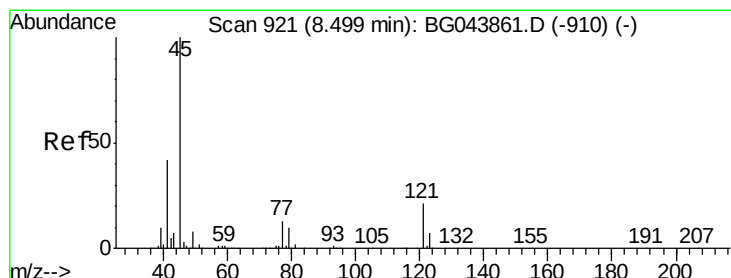
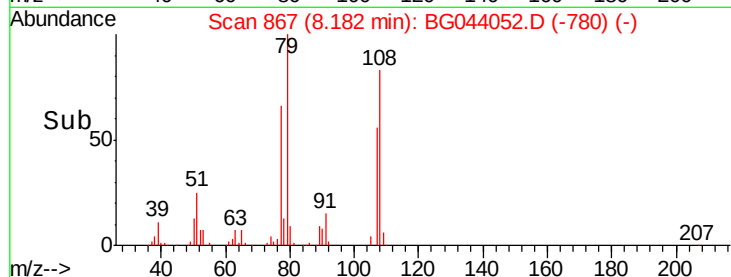
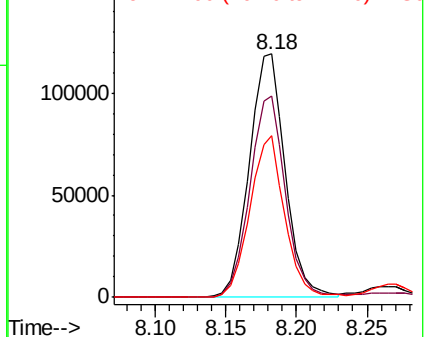
79 100

108 82.6 65.6 98.4

77 66.3 52.0 78.0



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.424 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

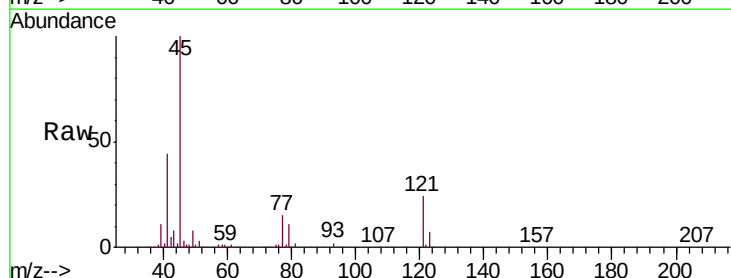
Tgt Ion: 45 Resp: 312653

Ion Ratio Lower Upper

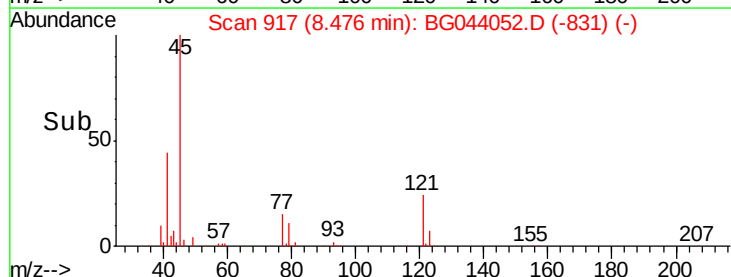
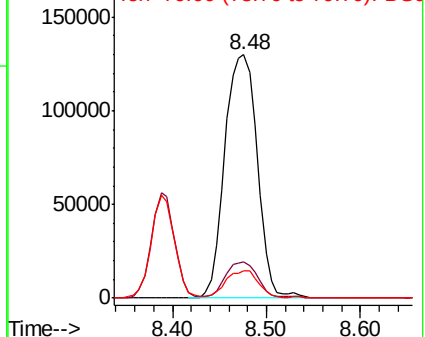
45 100

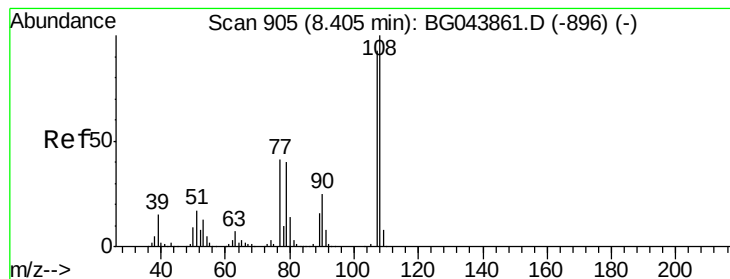
77 15.0 0.0 33.8

79 11.0 0.0 31.0



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

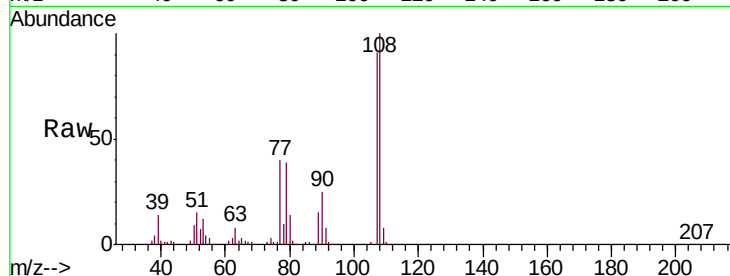




#17
2-Methylphenol
Concen: 46.478 ng
RT: 8.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Instrument :
BNA_G
ClientSampleId :
PB126095BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	110.4	86.1	129.1
77	43.8	35.4	53.0
79	42.6	34.8	52.2



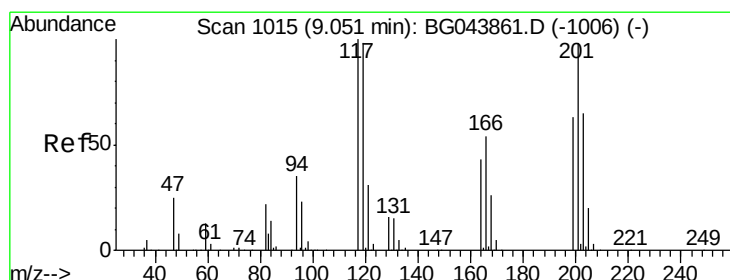
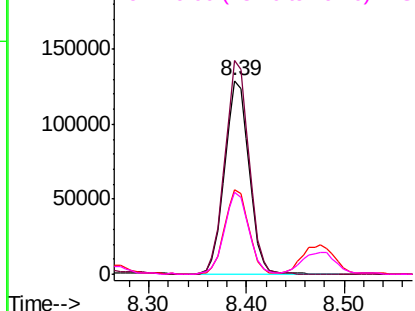
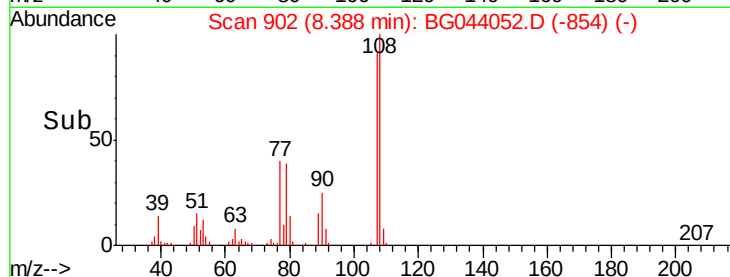
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

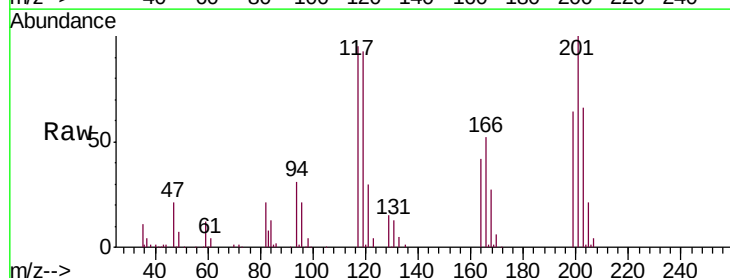
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 40.546 ng
RT: 9.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	78.1	117.1
201	105.5	78.6	117.8

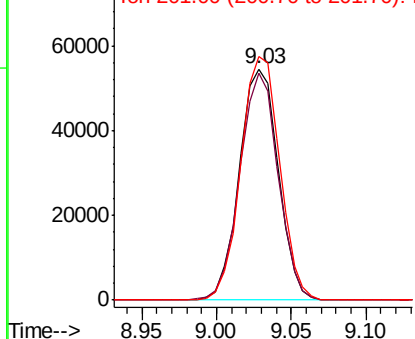
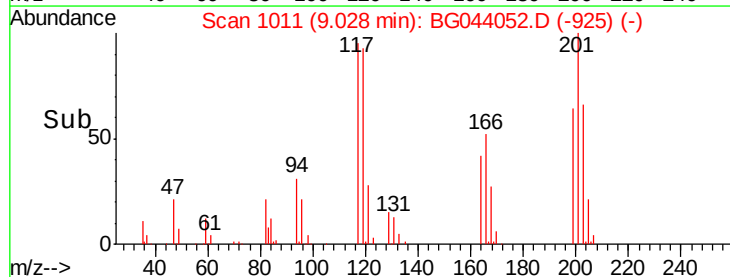


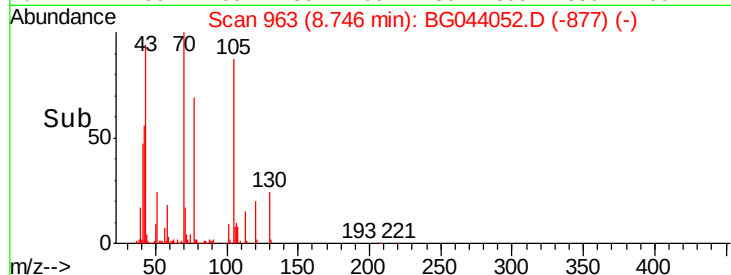
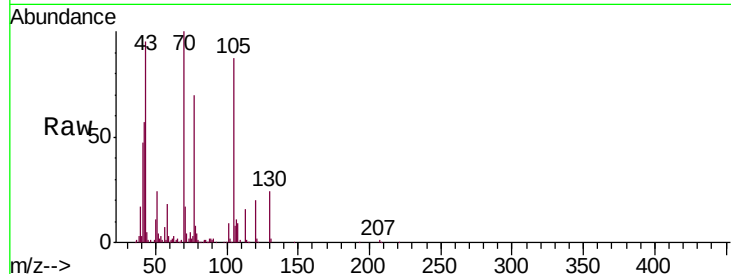
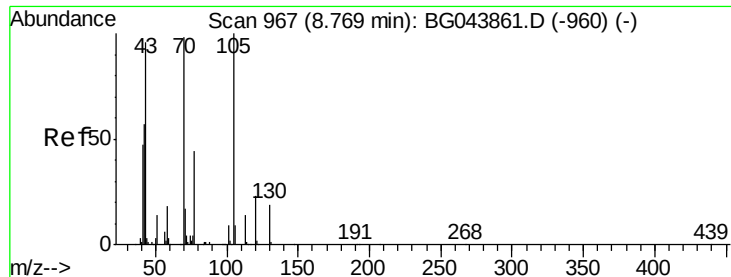
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

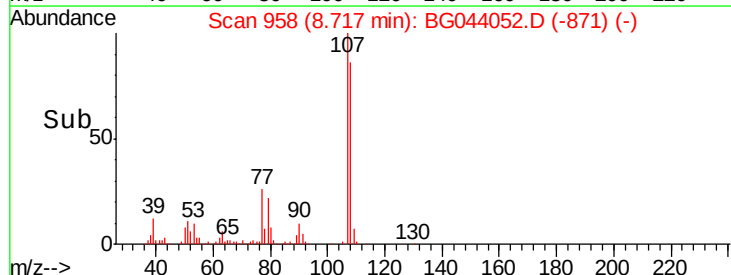
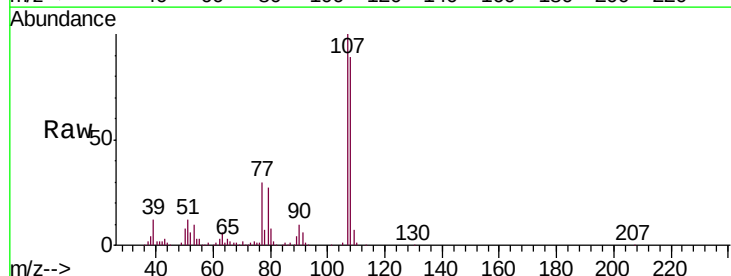
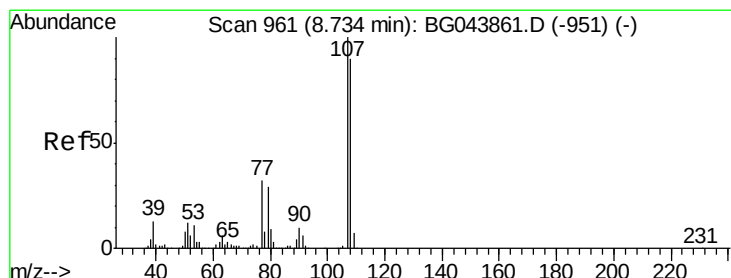
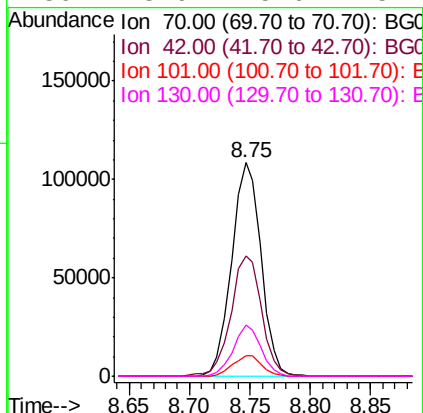




#19
n-Nitroso-di-n-propylamine
Concen: 38.525 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

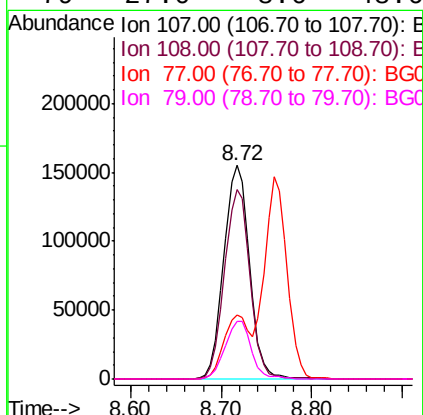
Instrument :
BNA_G
ClientSampleId :
PB126095BS

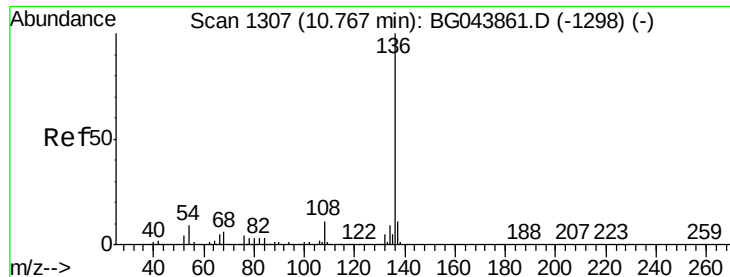
Tgt Ion:	70	Resp:	184033
Ion	Ratio	Lower	Upper
70	100		
42	56.6	47.0	70.4
101	9.4	7.2	10.8
130	23.9	15.6	23.4#



#20
3+4-Methylphenols
Concen: 45.816 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Tgt Ion:	107	Resp:	305683
Ion	Ratio	Lower	Upper
107	100		
108	88.7	70.3	110.3
77	29.7	12.4	52.4
79	27.0	8.6	48.6

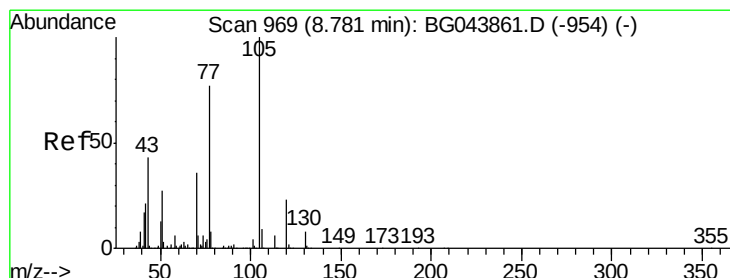
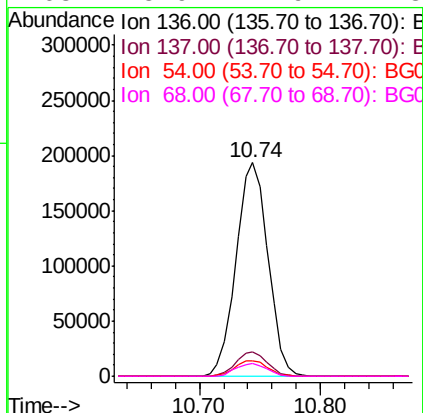
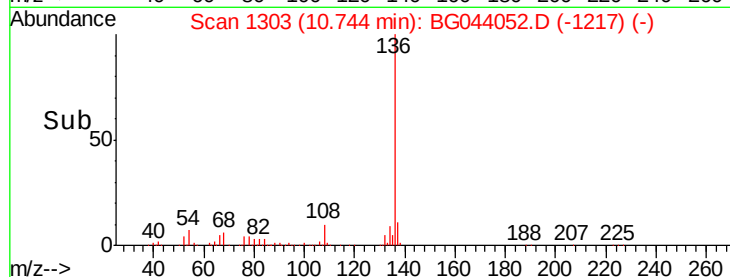
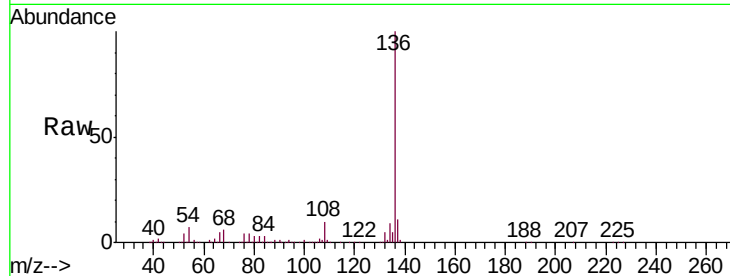




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

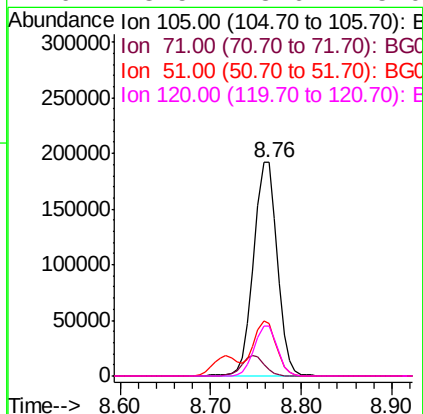
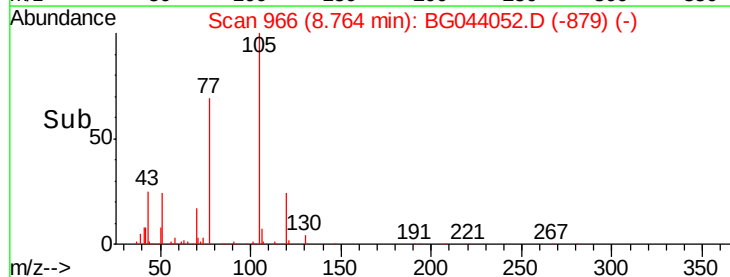
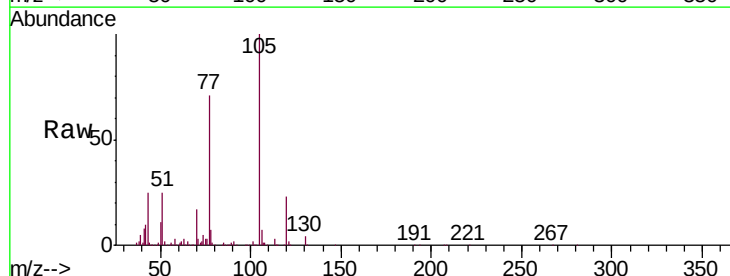
Instrument :
BNA_G
ClientSampleId :
PB126095BS

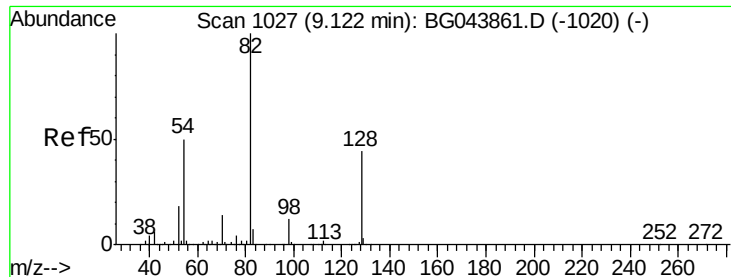
Tgt Ion:	136	Resp:	356284
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	7.2	7.0	10.4
68	5.9	4.9	7.3



#22
Acetophenone
Concen: 39.445 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Tgt Ion:	105	Resp:	349385
Ion	Ratio	Lower	Upper
105	100		
71	2.9	4.8	7.2#
51	24.6	21.4	32.0
120	23.5	18.6	28.0

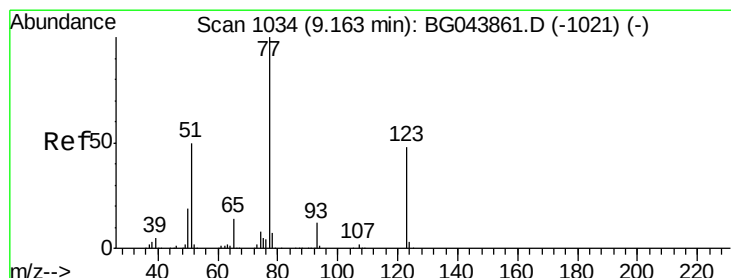
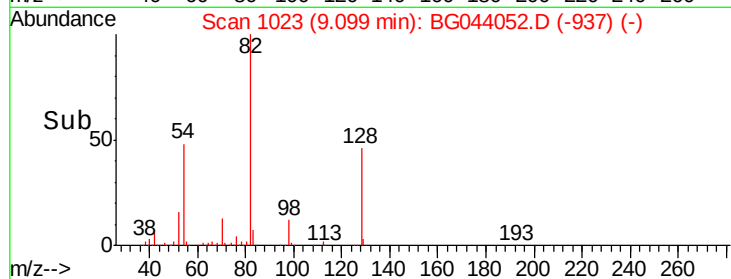
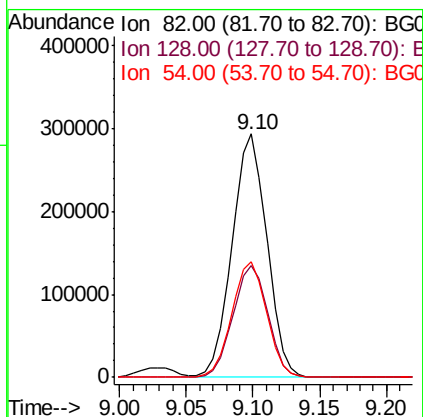
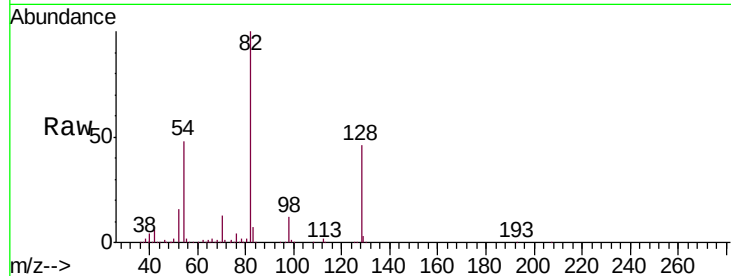




#23
 Nitrobenzene-d5
 Concen: 79.527 ng
 RT: 9.10 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BG044052.D
 Acq: 15 Jan 2020 16:31

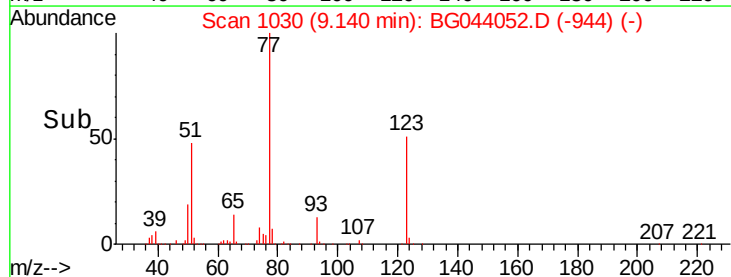
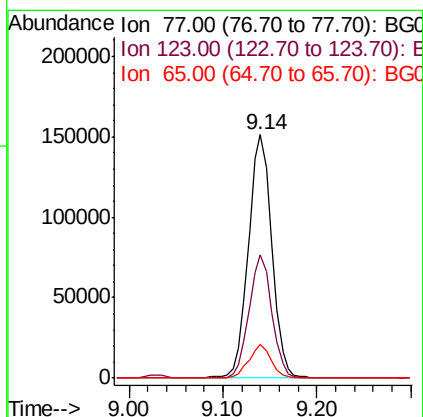
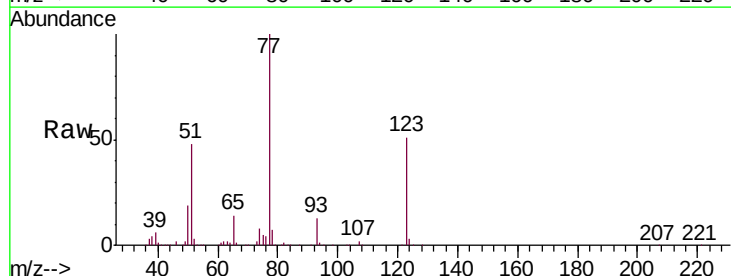
Instrument :
 BNA_G
 ClientSampleId :
 PB126095BS

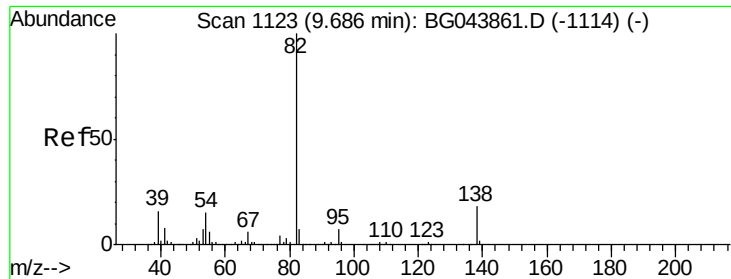
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.0	35.1	52.7
54	47.7	40.1	60.1



#24
 Nitrobenzene
 Concen: 39.622 ng
 RT: 9.14 min Scan# 1030
 Delta R.T. -0.02 min
 Lab File: BG044052.D
 Acq: 15 Jan 2020 16:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.8	38.7	58.1
65	13.6	11.1	16.7





#25

Isophorone

Concen: 40.207 ng

RT: 9.67 min Scan# 1120

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Instrument :

BNA_G

ClientSampleId :

PB126095BS

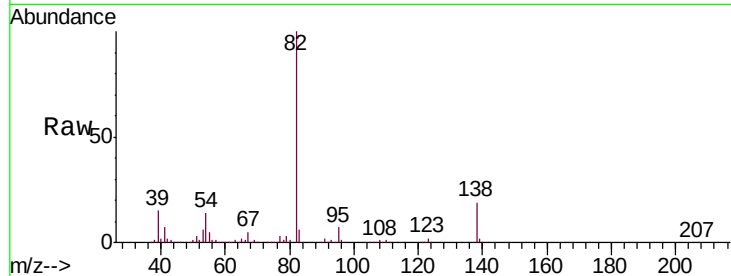
Tgt Ion: 82 Resp: 502385

Ion Ratio Lower Upper

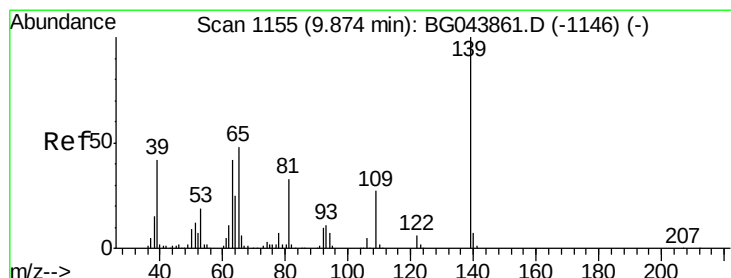
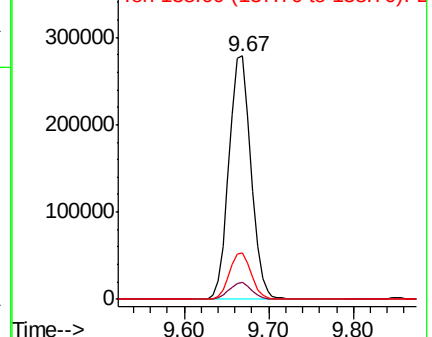
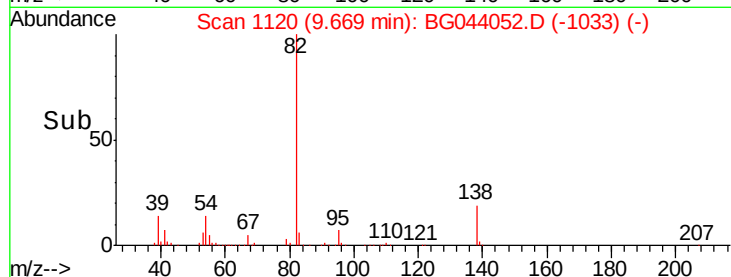
82 100

95 6.7 5.8 8.6

138 18.9 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: 45.925 ng

RT: 9.85 min Scan# 1151

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

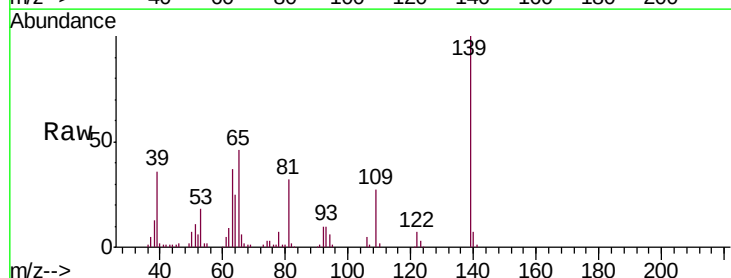
Tgt Ion: 139 Resp: 143322

Ion Ratio Lower Upper

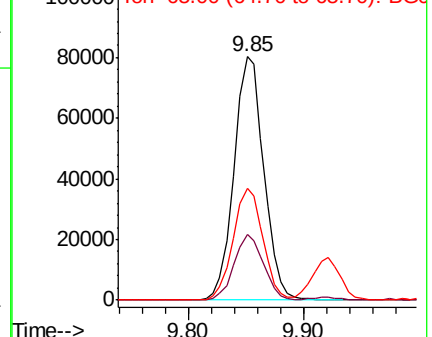
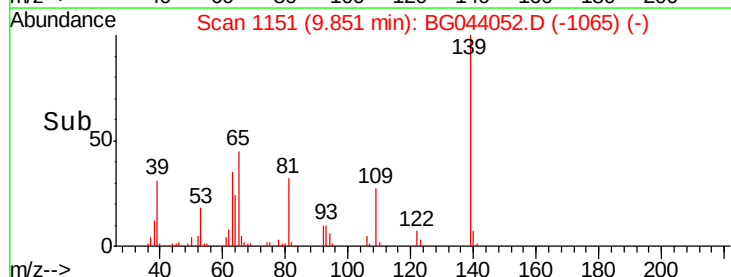
139 100

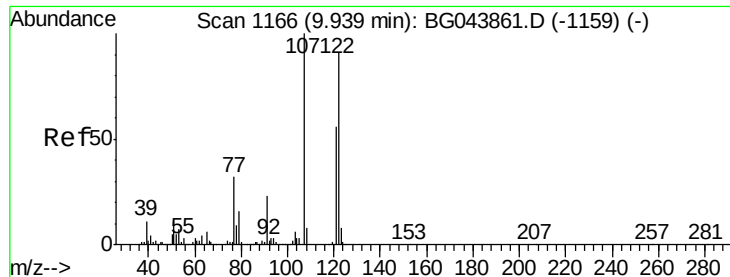
109 26.7 21.3 31.9

65 46.1 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

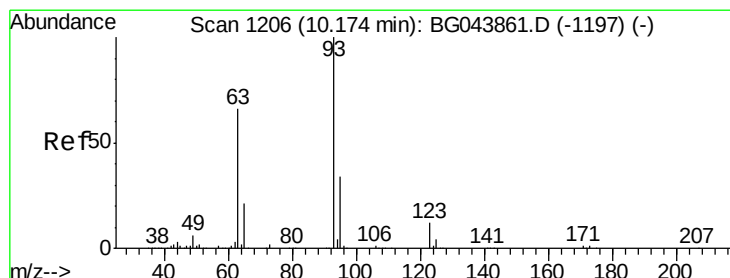
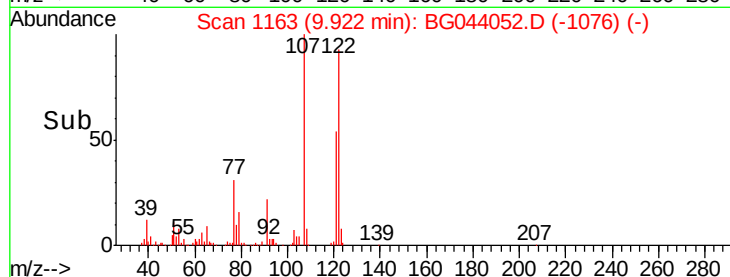
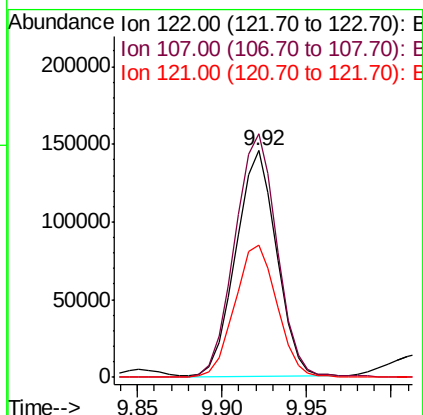
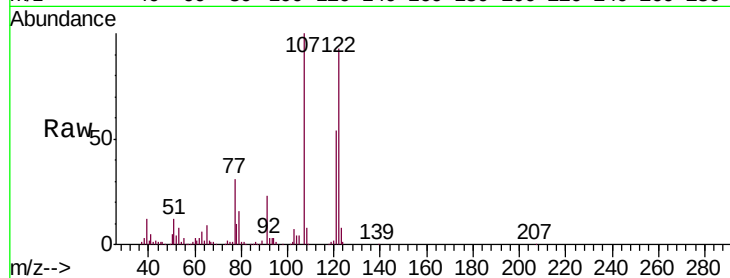




#27
2,4-Dimethylphenol
Concen: 52.023 ng
RT: 9.92 min Scan# 1163
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

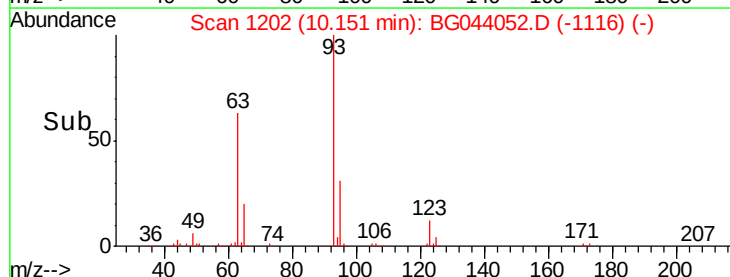
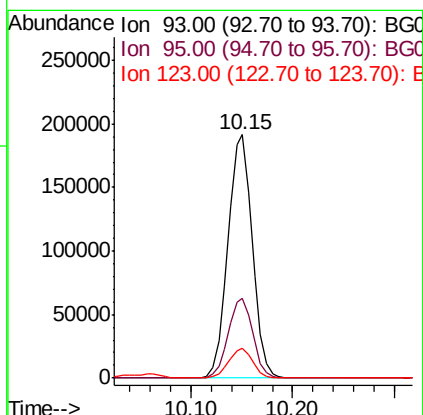
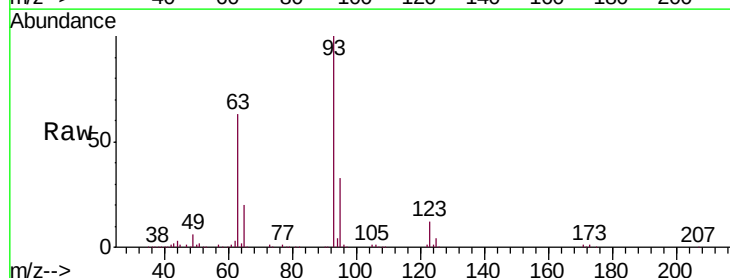
Instrument :
BNA_G
ClientSampleId :
PB126095BS

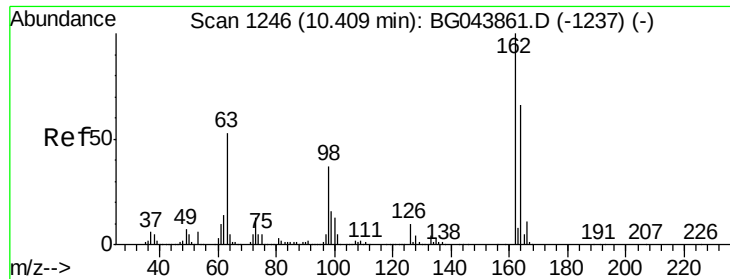
Tgt Ion	Ratio	Lower	Upper
122	100		
107	107.5	88.0	132.0
121	58.2	49.0	73.4



#28
bis(2-Chloroethoxy)methane
Concen: 38.304 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	27.2	40.8
123	12.3	9.7	14.5

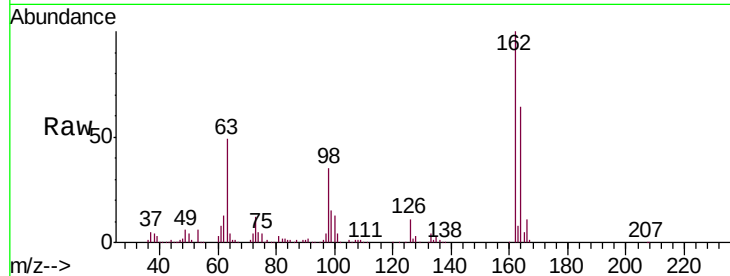




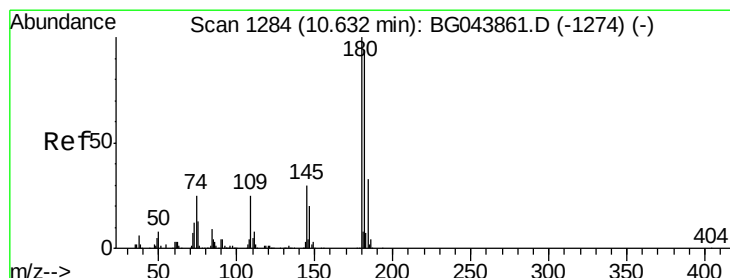
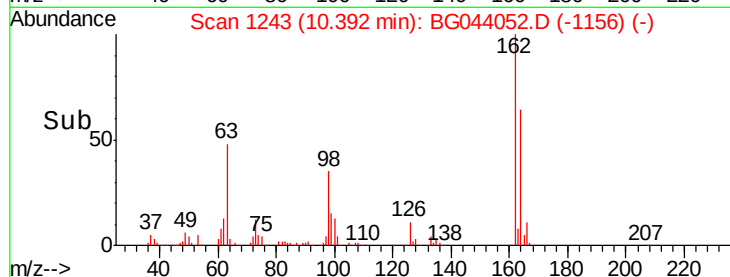
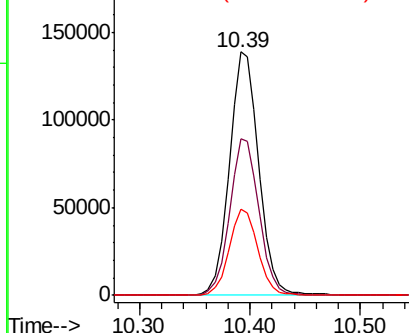
#29
2,4-Dichlorophenol
Concen: 46.088 ng
RT: 10.39 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Instrument :
BNA_G
ClientSampleId :
PB126095BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.1	46.3	86.3
98	35.5	17.3	57.3

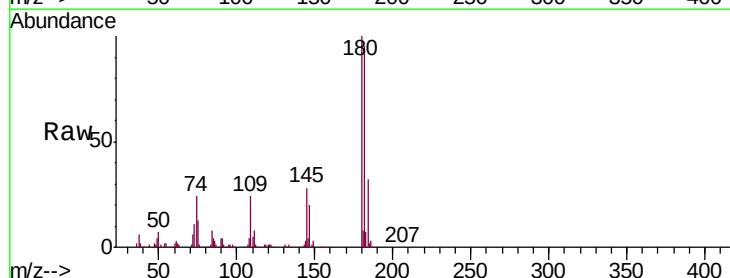


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

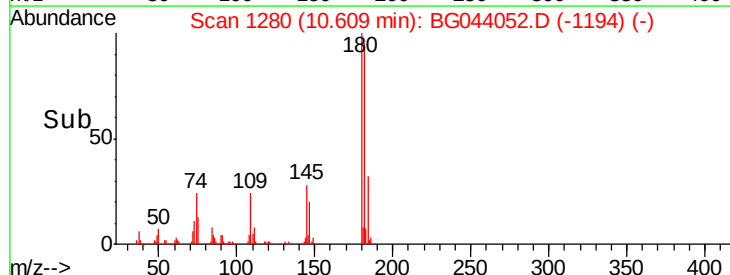
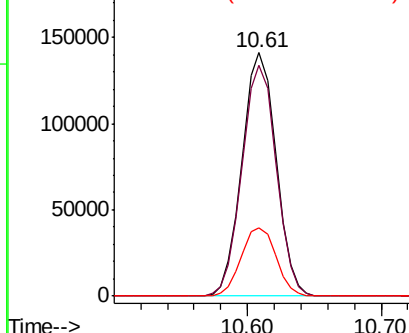


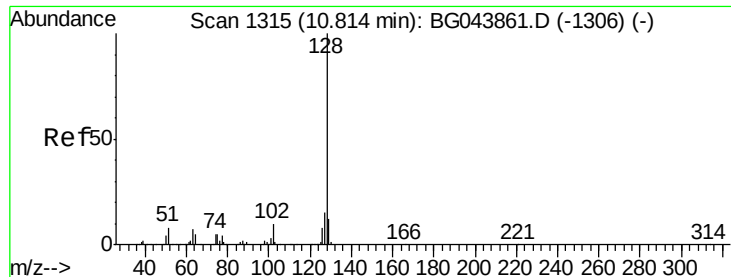
#30
1,2,4-Trichlorobenzene
Concen: 39.709 ng
RT: 10.61 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.0	112.4
145	28.1	24.2	36.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

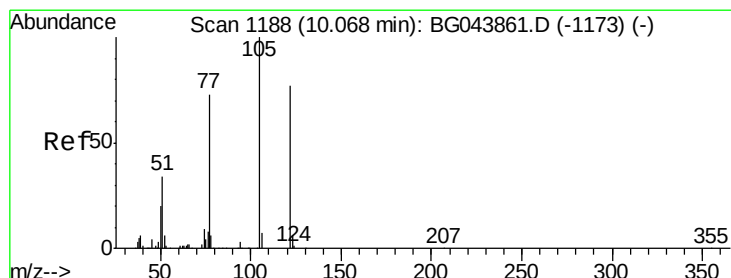
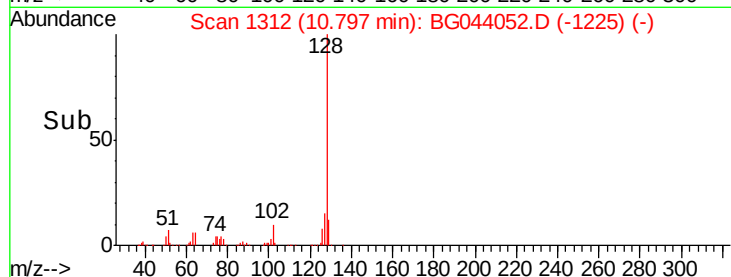
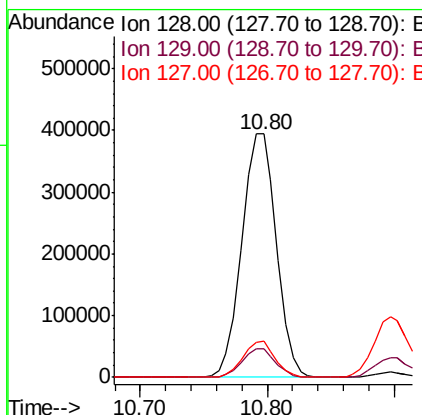
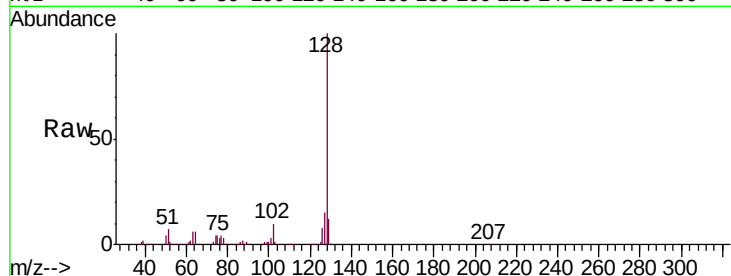




#31
Naphthalene
Concen: 43.161 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

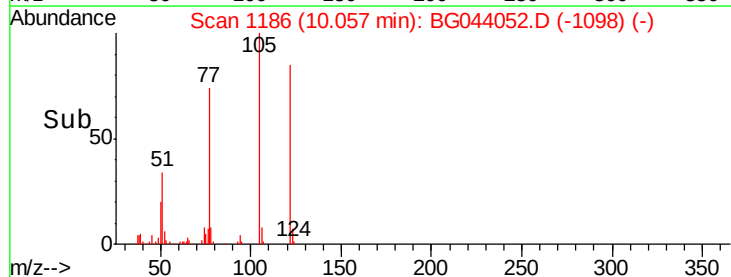
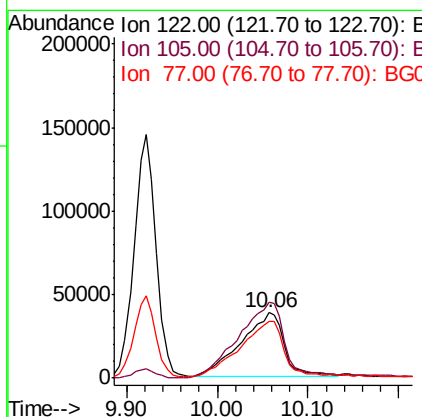
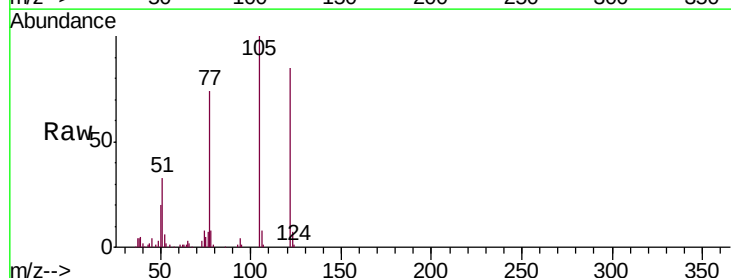
Instrument :
BNA_G
ClientSampleId :
PB126095BS

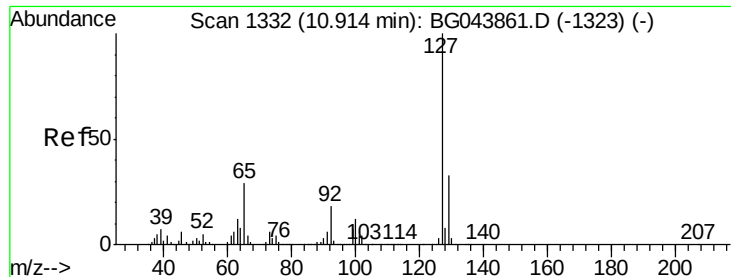
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.8	14.6
127	14.7	12.0	18.0



#32
Benzoic acid
Concen: 34.812 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.6	106.4	146.4
77	86.9	74.6	114.6

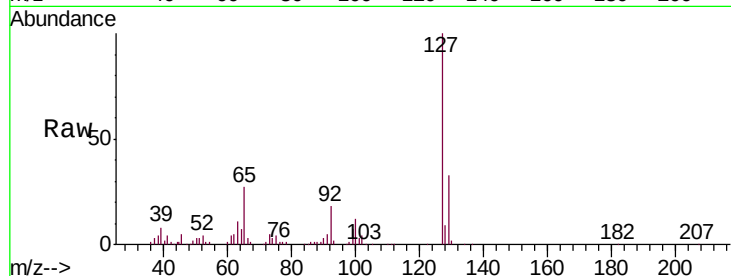




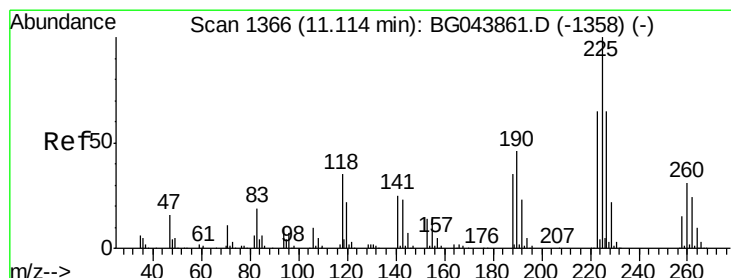
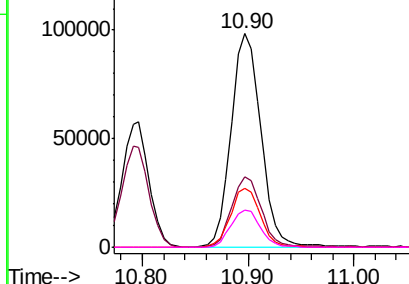
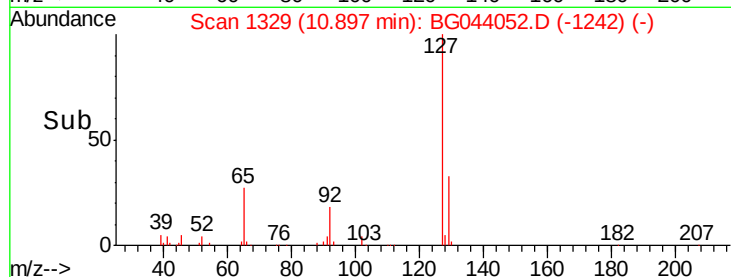
#33
4-Chloroaniline
Concen: 23.370 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Instrument :
BNA_G
ClientSampleId :
PB126095BS

Tgt Ion:	127	Resp:	192184
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.6	40.0
65	27.4	23.3	34.9
92	17.7	14.7	22.1

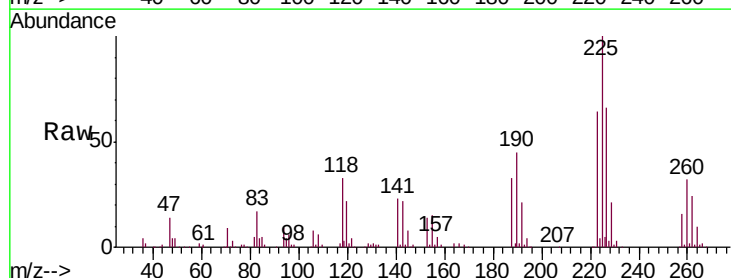


Abundance Ion 127.00 (126.70 to 127.70): E
150000 Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

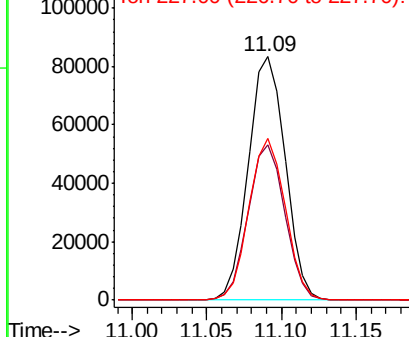
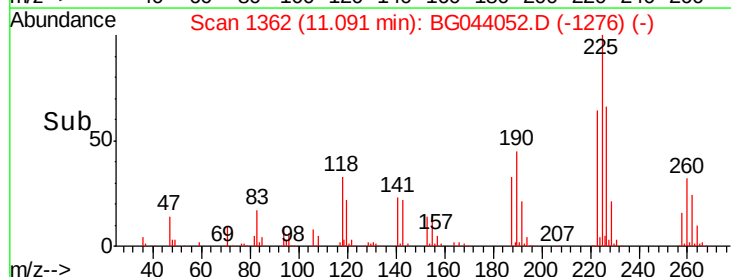


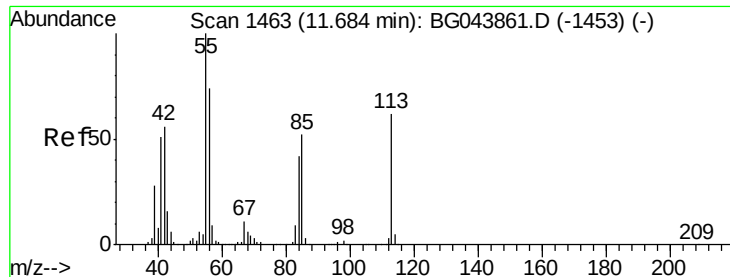
#34
Hexachlorobutadiene
Concen: 37.257 ng
RT: 11.09 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Tgt Ion:	225	Resp:	142922
Ion	Ratio	Lower	Upper
225	100		
223	63.8	52.2	78.4
227	66.3	52.1	78.1



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





#35

Caprolactam

Concen: 30.613 ng

RT: 11.66 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Instrument :

BNA_G

ClientSampleId :

PB126095BS

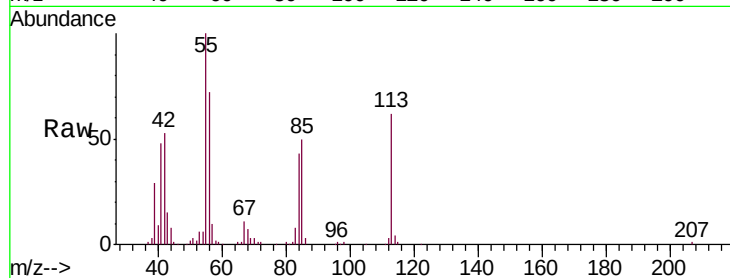
Tgt Ion:113 Resp: 63859

Ion Ratio Lower Upper

113 100

55 161.3 142.5 182.5

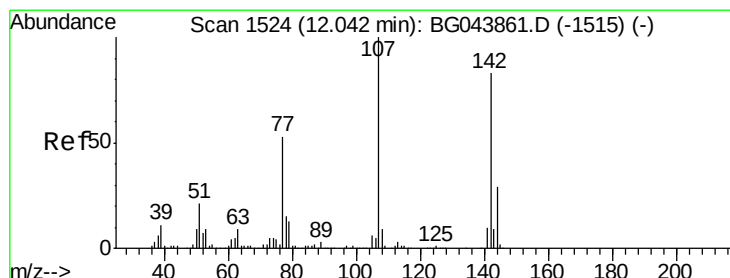
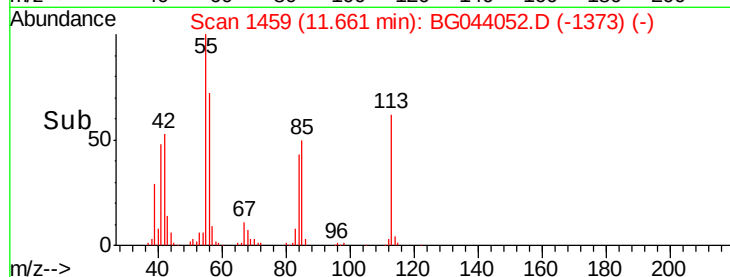
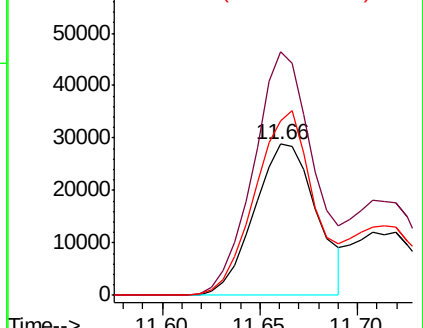
56 115.5 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 45.745 ng

RT: 12.03 min Scan# 1522

Delta R.T. -0.01 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

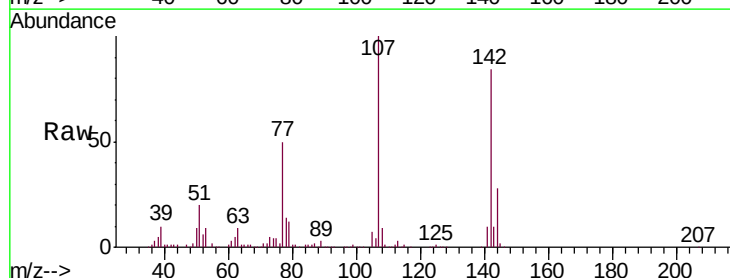
Tgt Ion:107 Resp: 272884

Ion Ratio Lower Upper

107 100

144 28.2 23.4 35.2

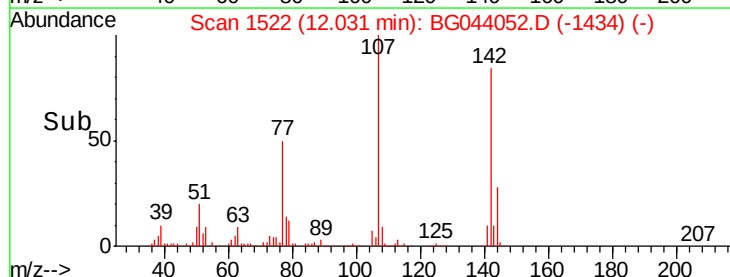
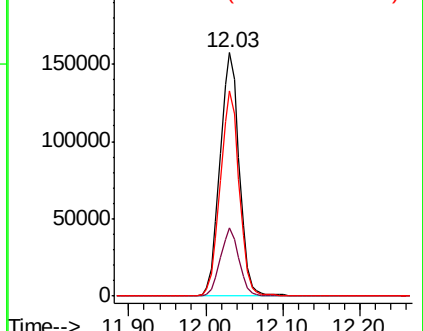
142 84.1 66.3 99.5

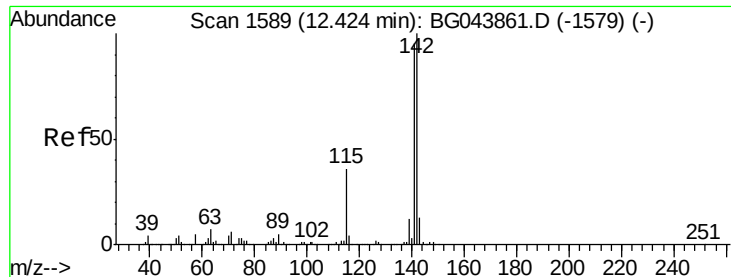


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.864 ng

RT: 12.40 min Scan# 1585

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Instrument :

BNA_G

ClientSampleId :

PB126095BS

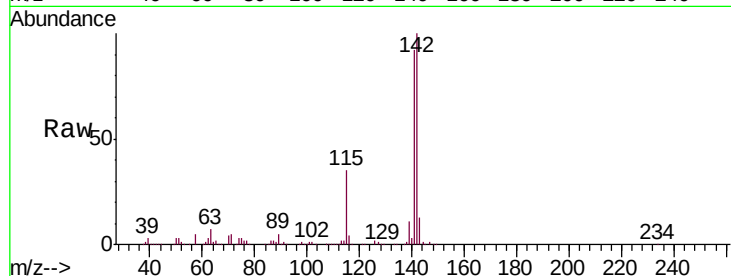
Tgt Ion:142 Resp: 556387

Ion Ratio Lower Upper

142 100

141 92.3 75.8 113.8

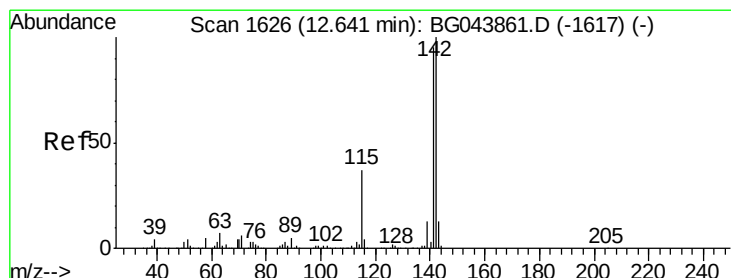
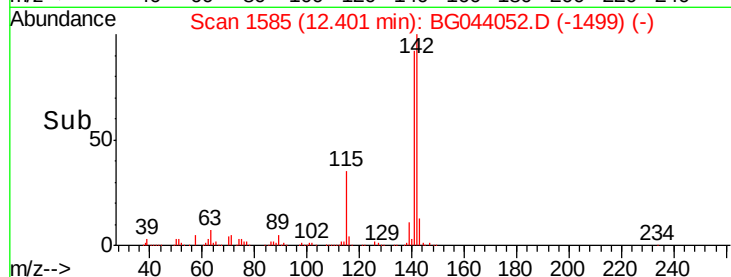
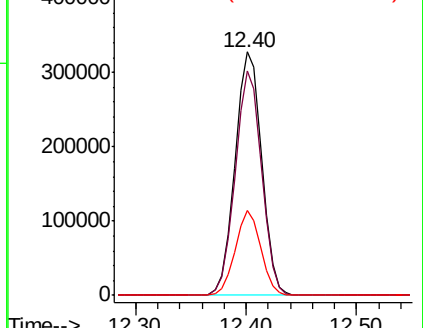
115 34.8 28.6 42.8



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: 43.045 ng

RT: 12.62 min Scan# 1622

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

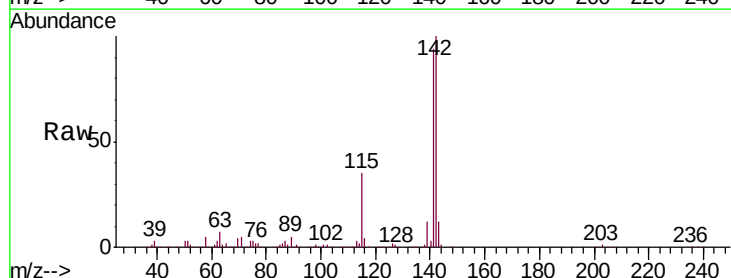
Tgt Ion:142 Resp: 529550

Ion Ratio Lower Upper

142 100

141 94.3 76.0 114.0

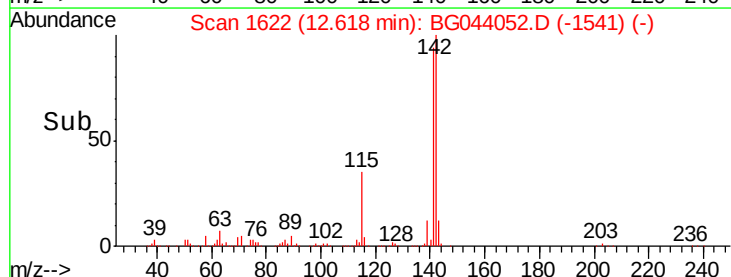
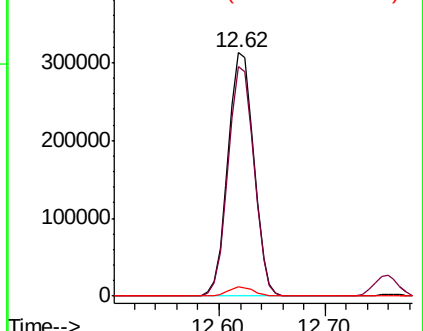
116 3.8 3.1 4.7

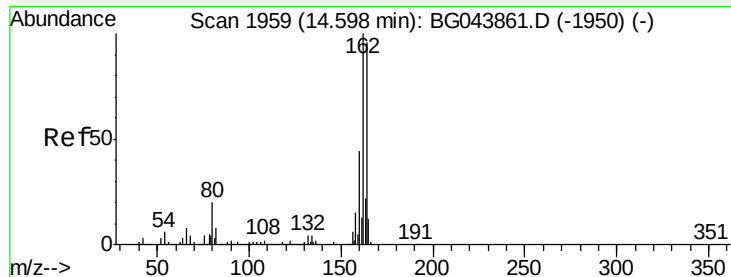


Abundance Ion 142.00 (141.70 to 142.70): E

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# 1955

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Instrument :

BNA_G

ClientSampleId :

PB126095BS

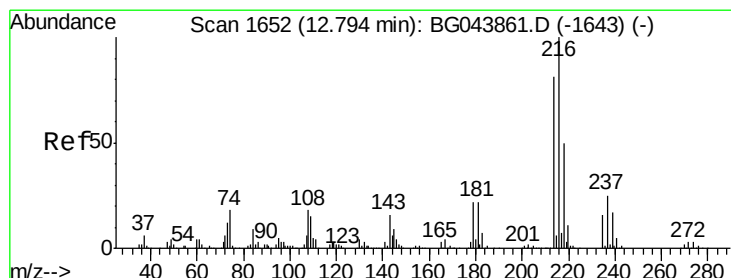
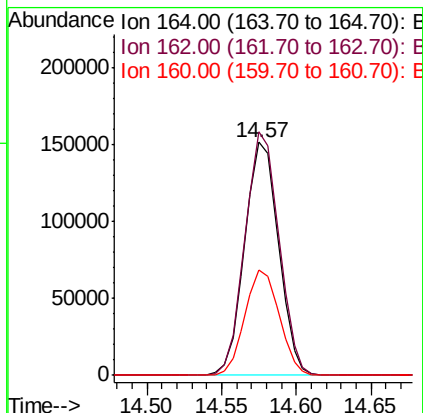
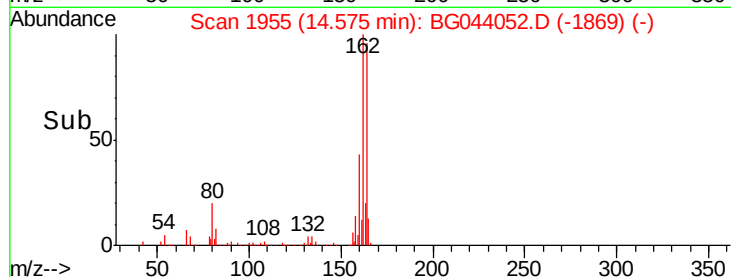
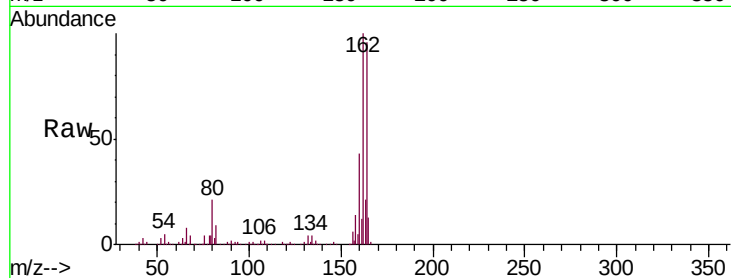
Tgt Ion:164 Resp: 237425

Ion Ratio Lower Upper

164 100

162 104.4 83.0 124.4

160 44.9 36.1 54.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.126 ng

RT: 12.77 min Scan# 1648

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Tgt Ion:216 Resp: 265318

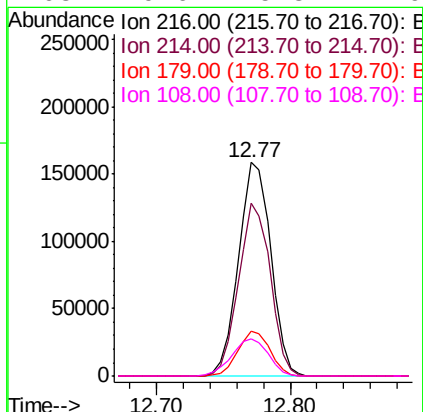
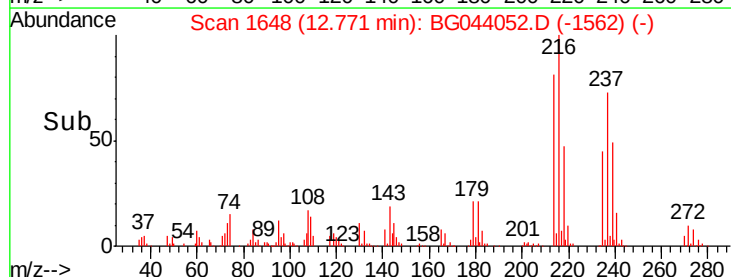
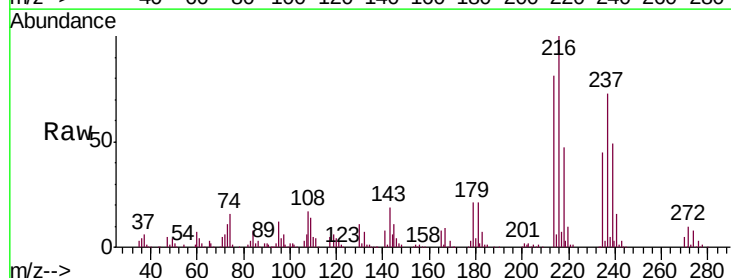
Ion Ratio Lower Upper

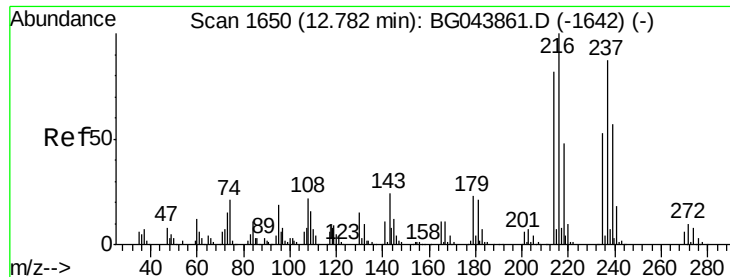
216 100

214 79.4 63.8 95.8

179 20.7 17.3 25.9

108 19.6 15.3 22.9





#41

Hexachlorocyclopentadiene

Concen: 98.536 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Instrument :

BNA_G

ClientSampleId :

PB126095BS

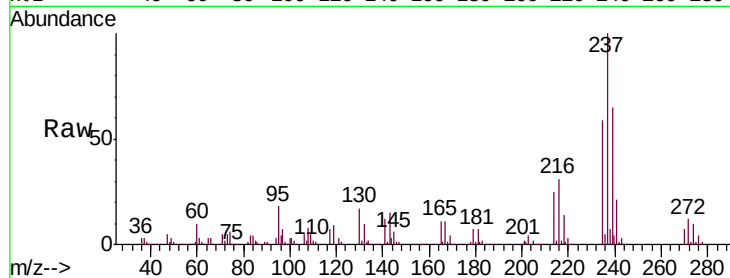
Tgt Ion: 237 Resp: 355496

Ion Ratio Lower Upper

237 100

235 59.4 41.1 81.1

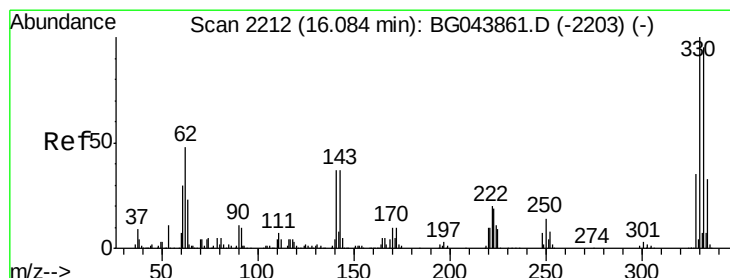
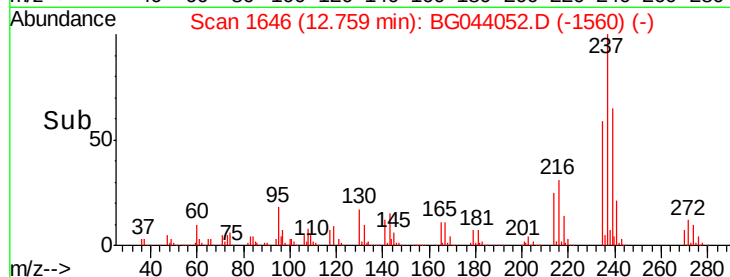
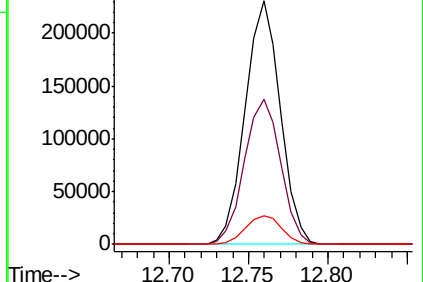
272 11.9 0.0 31.7



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: 87.195 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

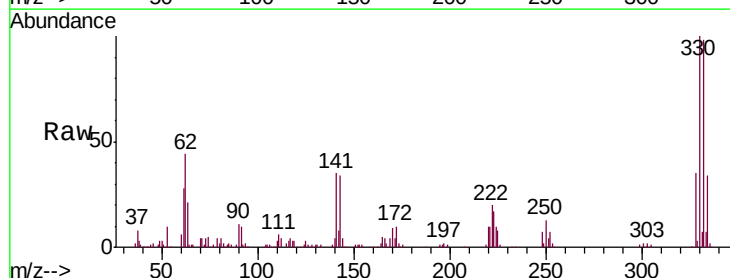
Tgt Ion: 330 Resp: 216644

Ion Ratio Lower Upper

330 100

332 96.5 77.2 115.8

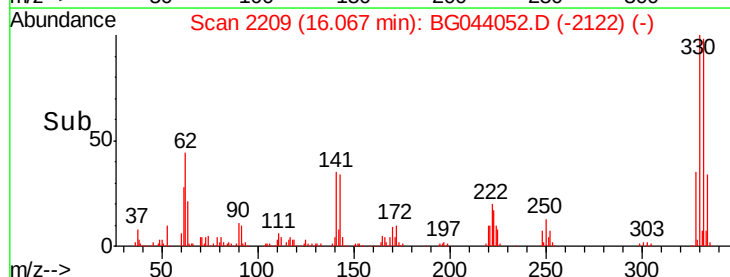
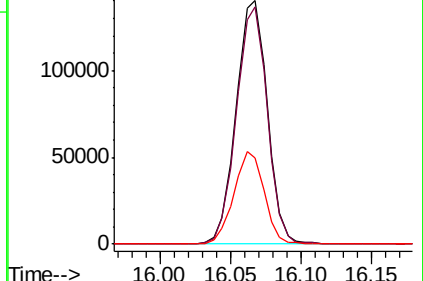
141 36.9 33.1 49.7

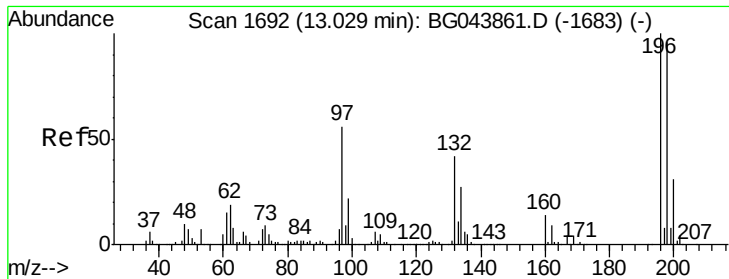


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

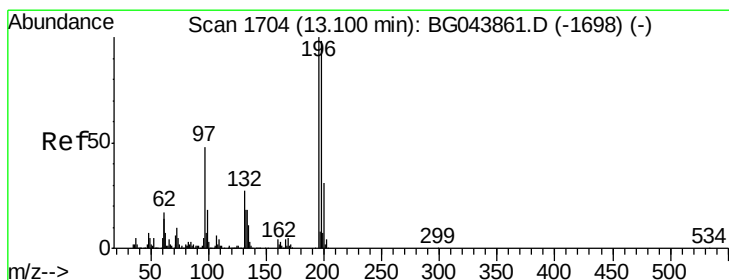
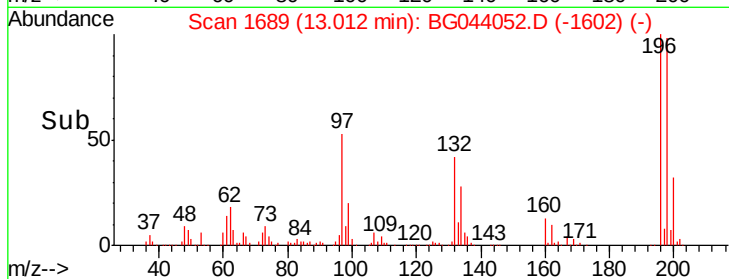
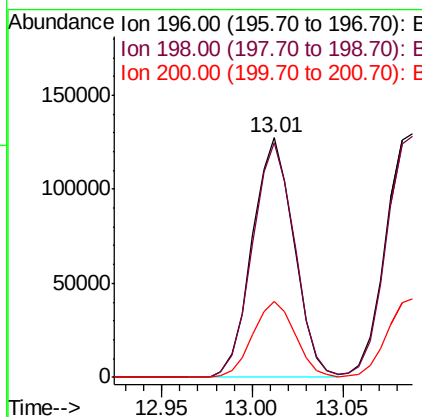
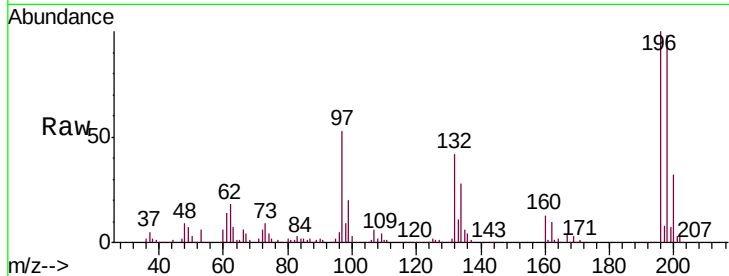




#43
 2,4,6-Trichlorophenol
 Concen: 42.500 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.02 min
 Lab File: BG044052.D
 Acq: 15 Jan 2020 16:31

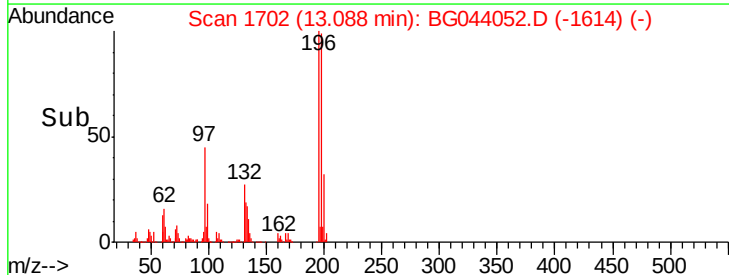
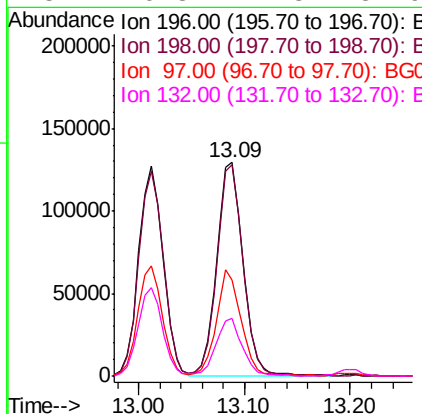
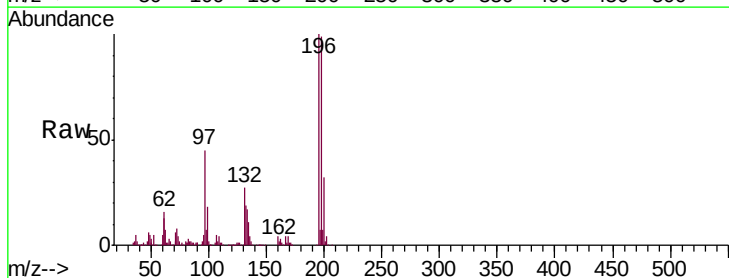
Instrument :
 BNA_G
 ClientSampleId :
 PB126095BS

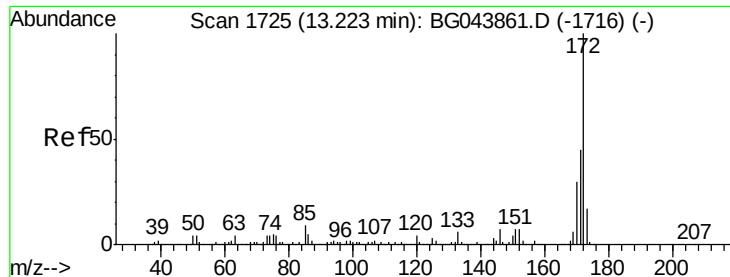
Tgt Ion:196 Resp: 203504
 Ion Ratio Lower Upper
 196 100
 198 97.9 76.6 115.0
 200 31.8 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 45.418 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG044052.D
 Acq: 15 Jan 2020 16:31

Tgt Ion:196 Resp: 224300
 Ion Ratio Lower Upper
 196 100
 198 99.1 78.3 117.5
 97 44.9 38.8 58.2
 132 26.8 21.3 31.9

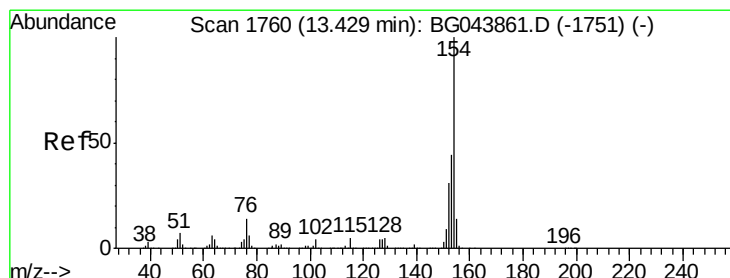
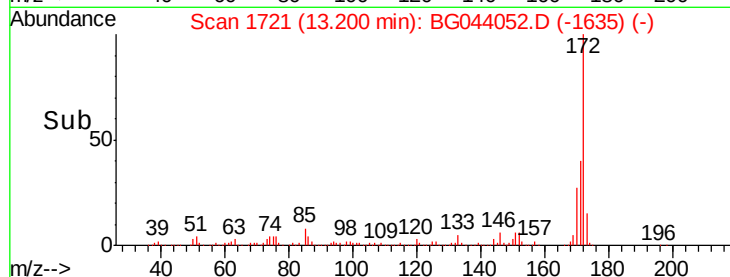
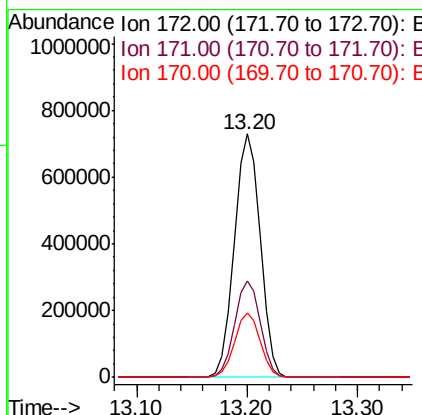
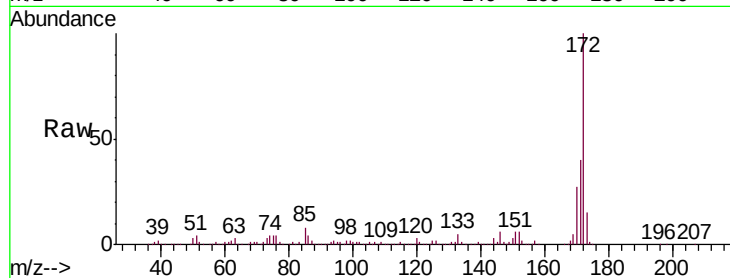




#45
2-Fluorobiphenyl
Concen: 91.662 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

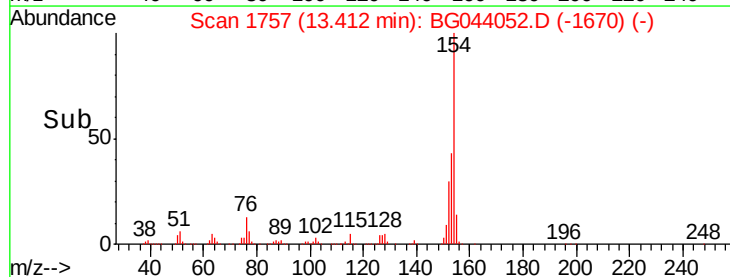
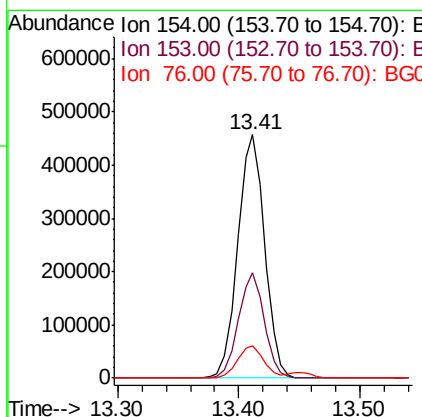
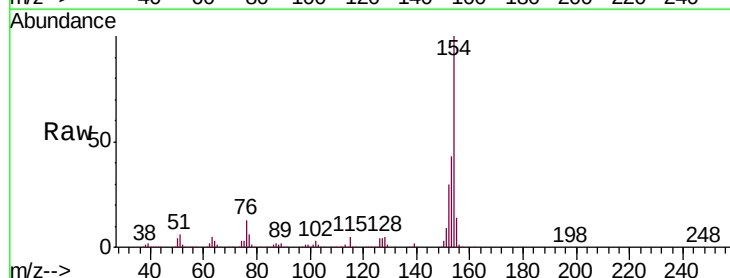
Instrument :
BNA_G
ClientSampleId :
PB126095BS

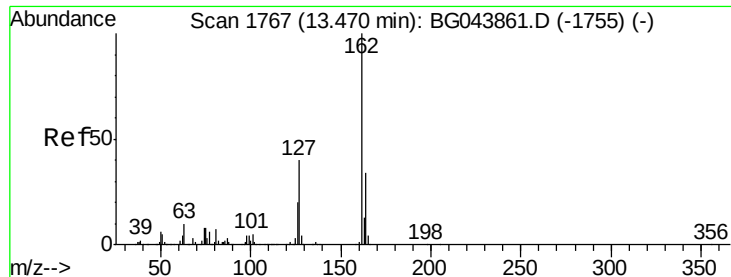
Tgt Ion:172 Resp: 1201198
Ion Ratio Lower Upper
172 100
171 39.7 35.8 53.8
170 26.5 24.2 36.4



#46
1,1'-Biphenyl
Concen: 41.522 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Tgt Ion:154 Resp: 706838
Ion Ratio Lower Upper
154 100
153 43.1 23.6 63.6
76 13.5 0.0 34.4

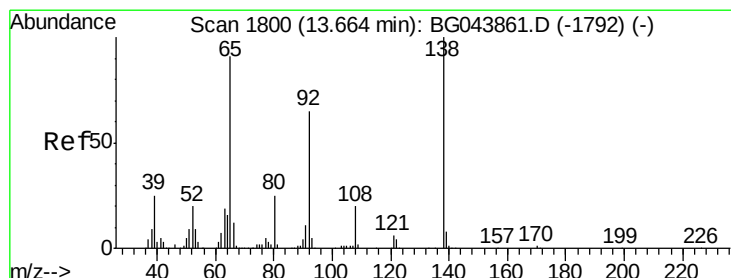
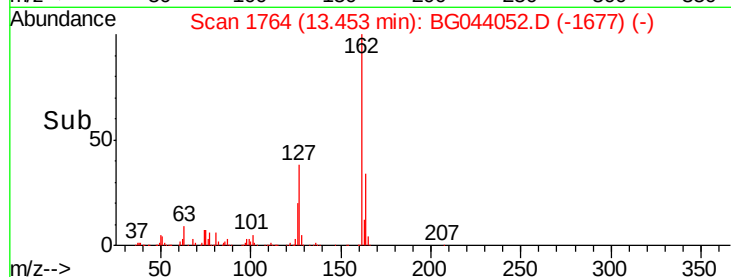
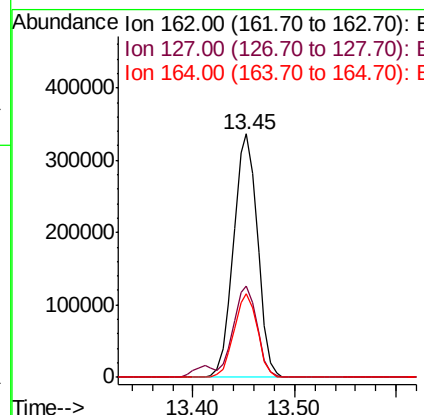
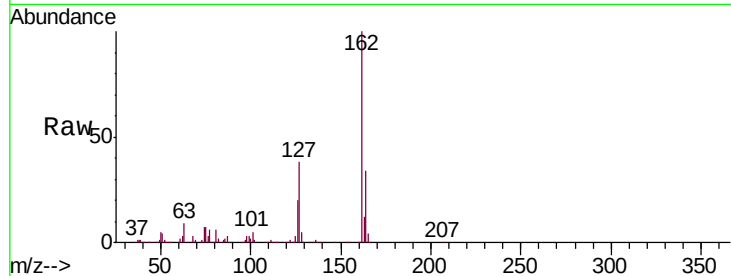




#47
 2-Chloronaphthalene
 Concen: 39.990 ng
 RT: 13.45 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BG044052.D
 Acq: 15 Jan 2020 16:31

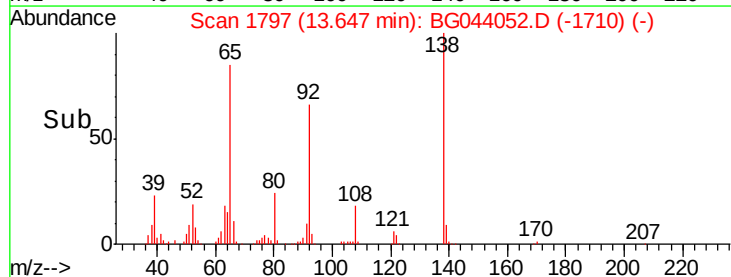
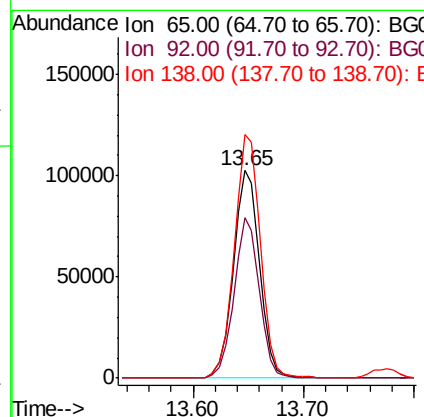
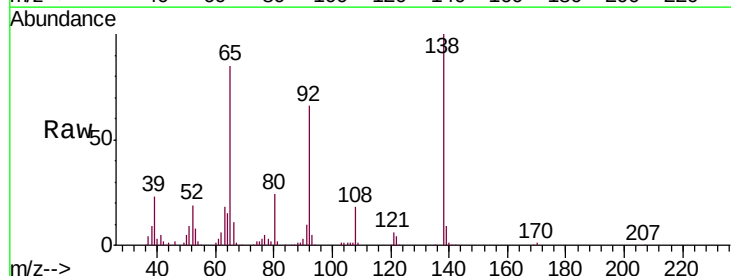
Instrument :
 BNA_G
 ClientSampleId :
 PB126095BS

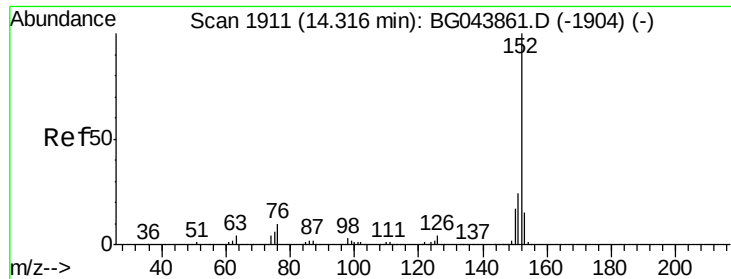
Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.7	32.1	48.1
164	34.2	27.5	41.3



#48
 2-Nitroaniline
 Concen: 38.373 ng
 RT: 13.65 min Scan# 1797
 Delta R.T. -0.02 min
 Lab File: BG044052.D
 Acq: 15 Jan 2020 16:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	77.2	57.4	86.2
138	117.2	88.2	132.4





#49

Acenaphthylene

Concen: 44.759 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Instrument :

BNA_G

ClientSampleId :

PB126095BS

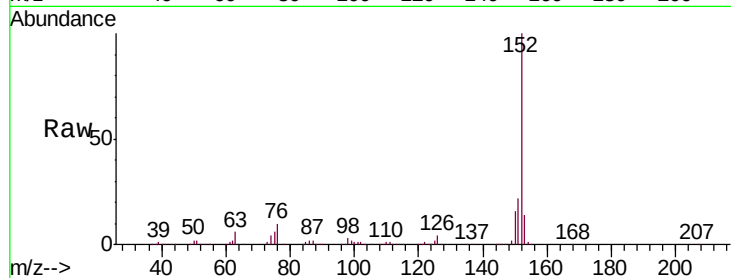
Tgt Ion:152 Resp: 884940

Ion Ratio Lower Upper

152 100

151 22.4 19.4 29.2

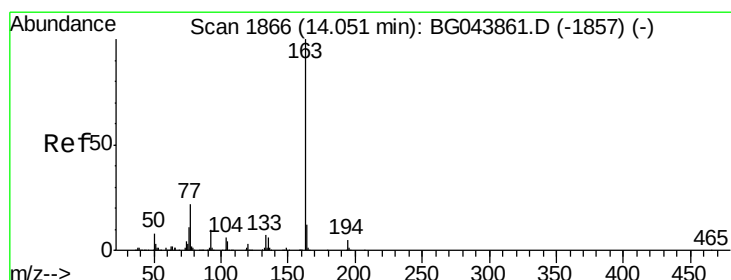
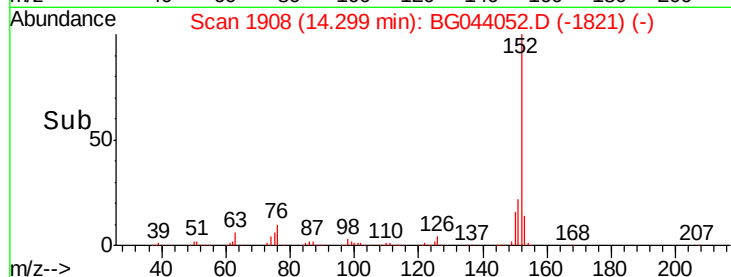
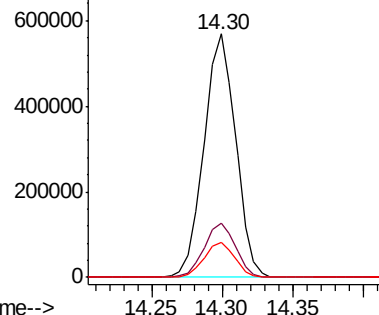
153 14.4 12.0 18.0



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: 42.639 ng

RT: 14.03 min Scan# 1863

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

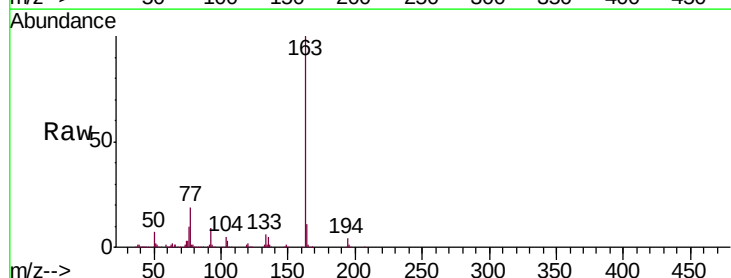
Tgt Ion:163 Resp: 718808

Ion Ratio Lower Upper

163 100

194 4.1 3.7 5.5

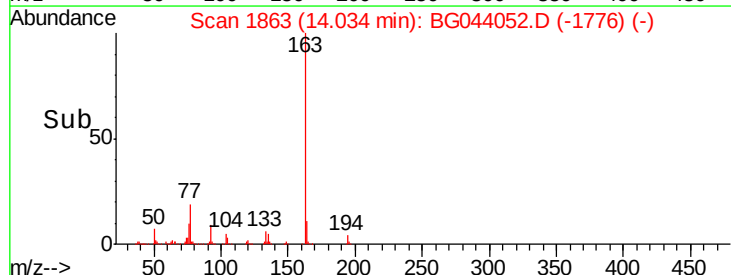
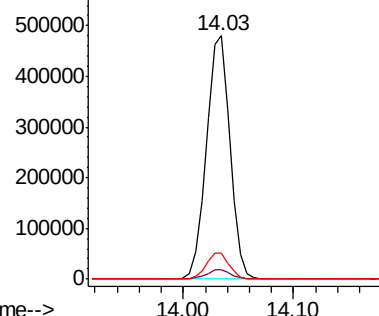
164 10.8 9.3 13.9

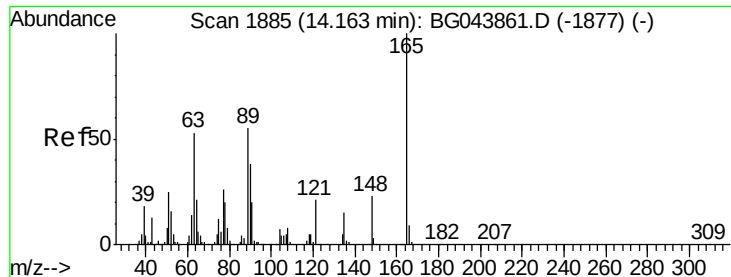


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

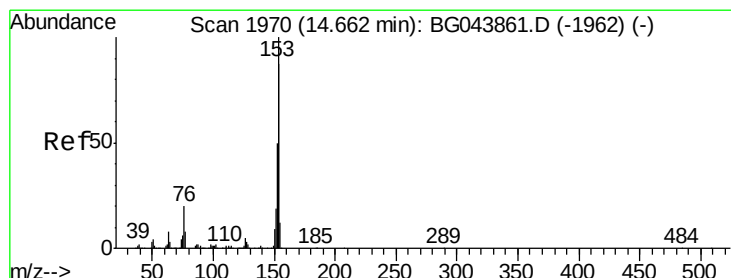
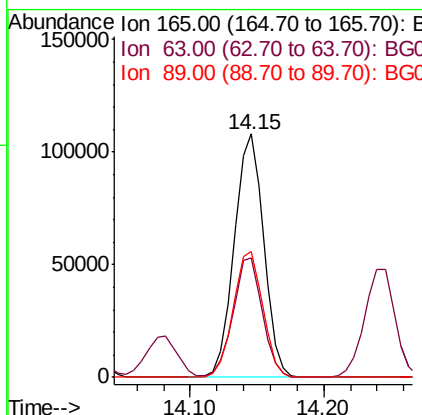
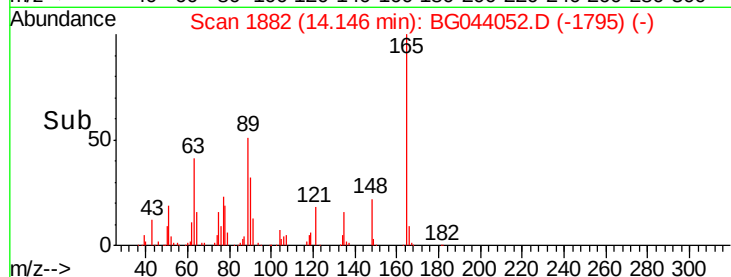
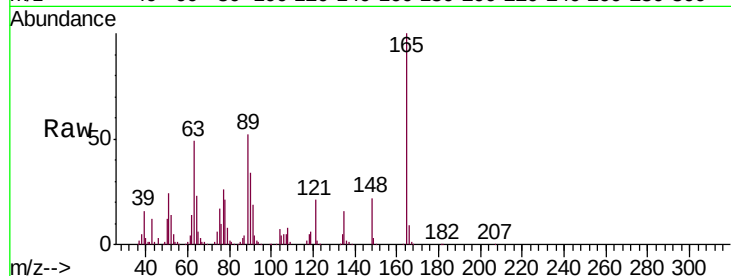




#51
 2,6-Dinitrotoluene
 Concen: 43.370 ng
 RT: 14.15 min Scan# 1882
 Delta R.T. -0.02 min
 Lab File: BG044052.D
 Acq: 15 Jan 2020 16:31

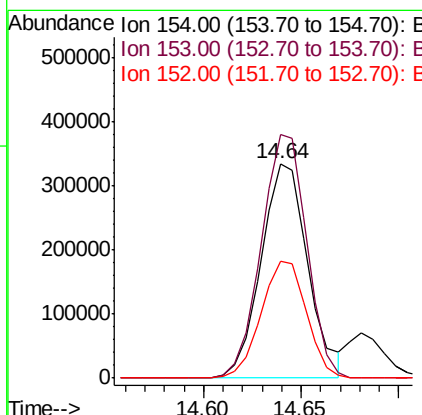
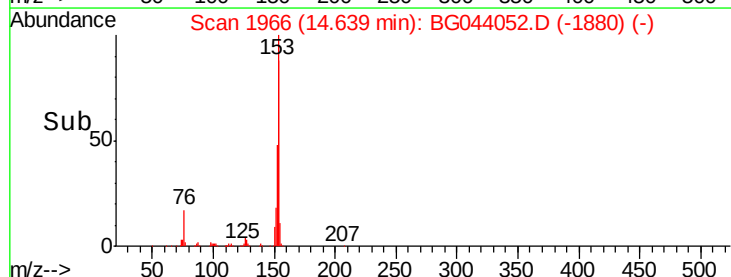
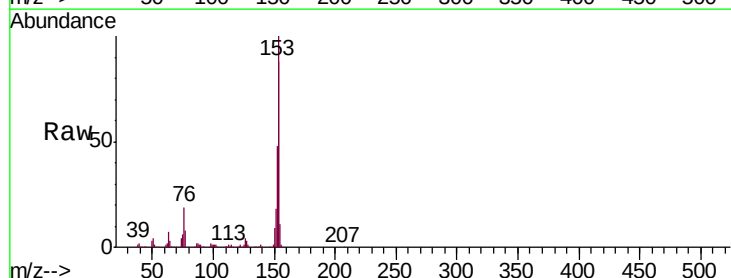
Instrument :
 BNA_G
 ClientSampleId :
 PB126095BS

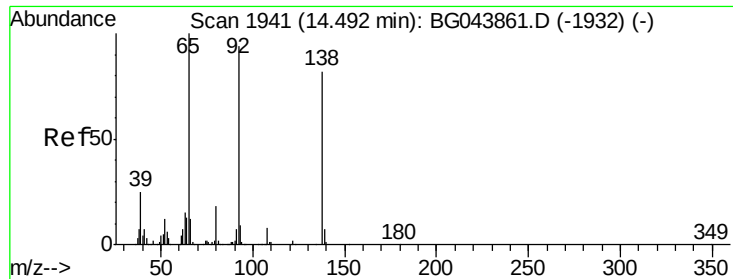
Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.1	43.1	64.7
89	51.7	43.8	65.6



#52
 Acenaphthene
 Concen: 40.035 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.02 min
 Lab File: BG044052.D
 Acq: 15 Jan 2020 16:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.6	91.6	137.4
152	54.6	45.4	68.0

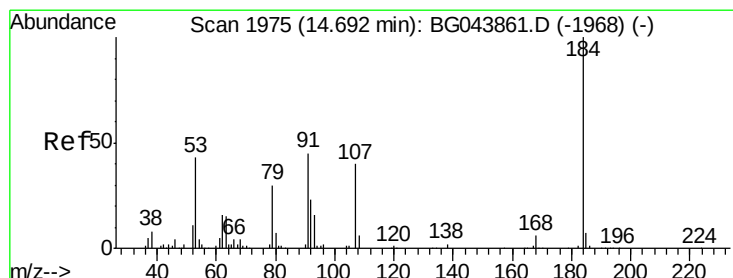
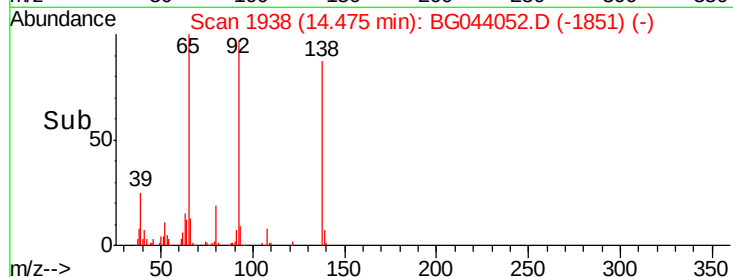
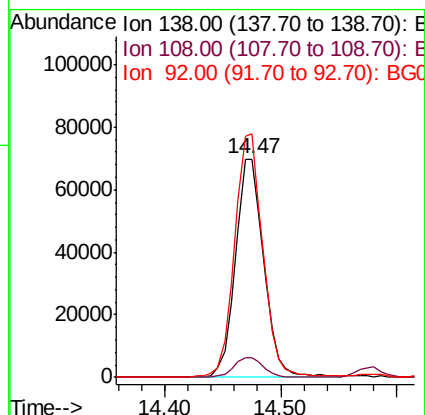
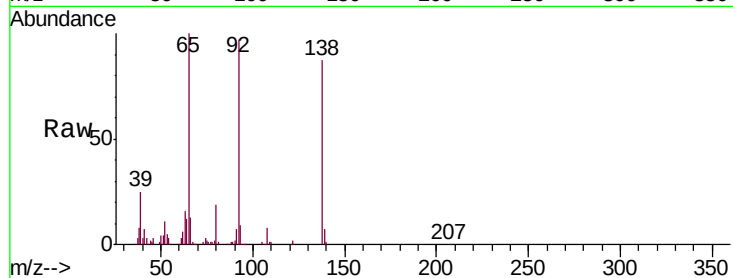




#53
3-Nitroaniline
Concen: 27.399 ng
RT: 14.47 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

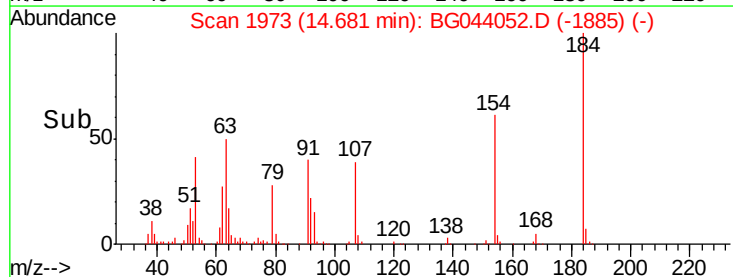
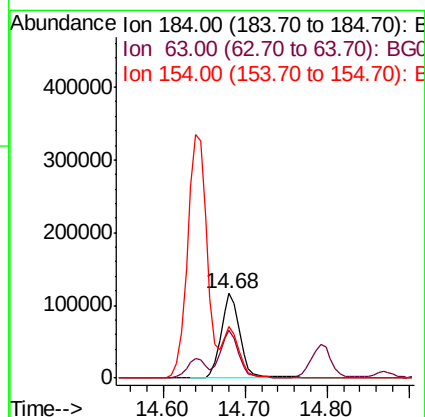
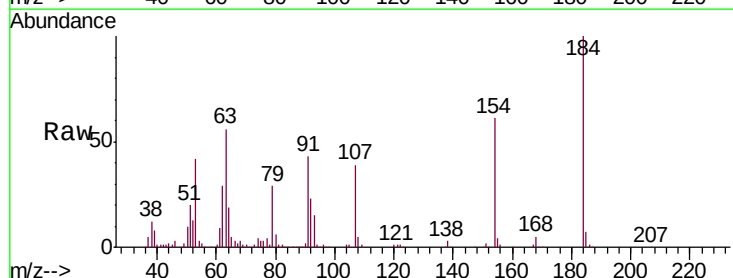
Instrument :
BNA_G
ClientSampleId :
PB126095BS

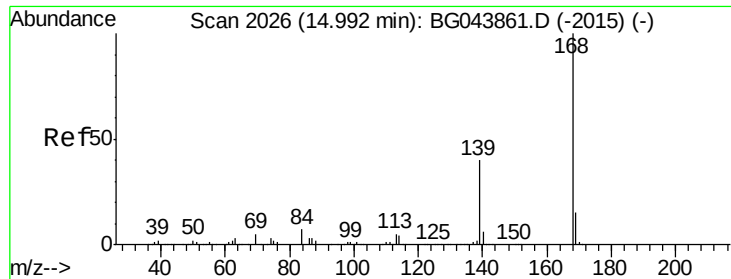
Tgt Ion:138 Resp: 118556
Ion Ratio Lower Upper
138 100
108 9.3 7.4 11.2
92 111.6 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 97.002 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Tgt Ion:184 Resp: 190727
Ion Ratio Lower Upper
184 100
63 55.8 46.6 70.0
154 60.6 50.2 75.4

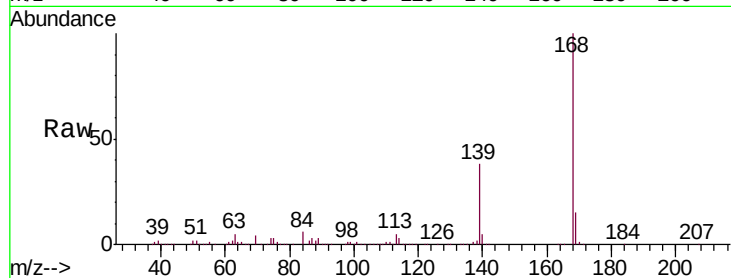




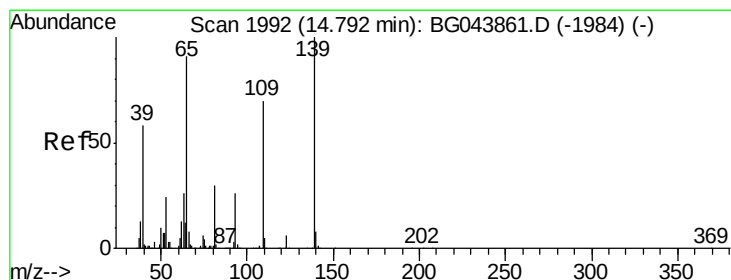
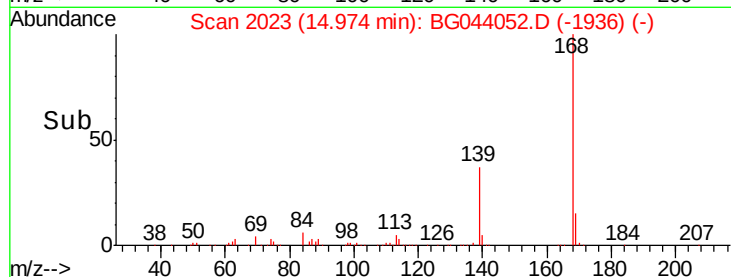
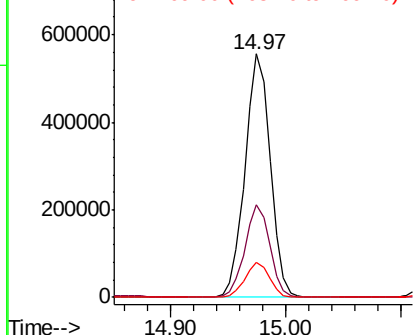
#55
Dibenzofuran
Concen: 44.256 ng
RT: 14.97 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Instrument :
BNA_G
ClientSampleId :
PB126095BS

Tgt Ion:168 Resp: 844706
Ion Ratio Lower Upper
168 100
139 37.9 32.2 48.2
169 14.5 12.2 18.2

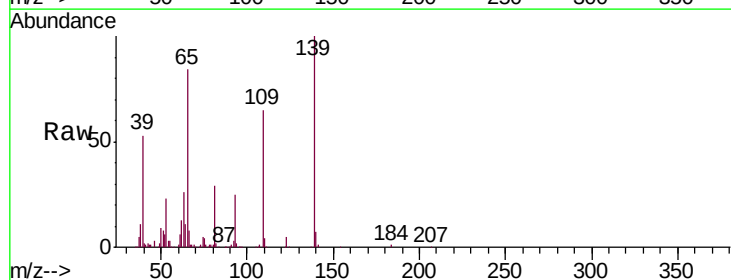


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

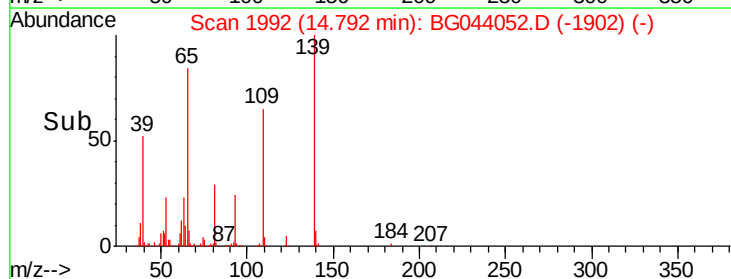
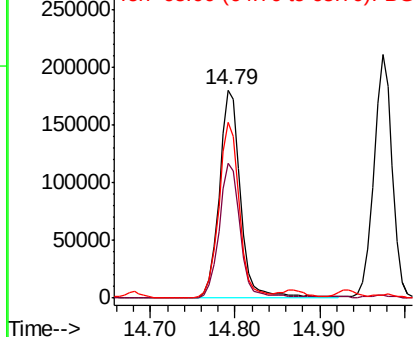


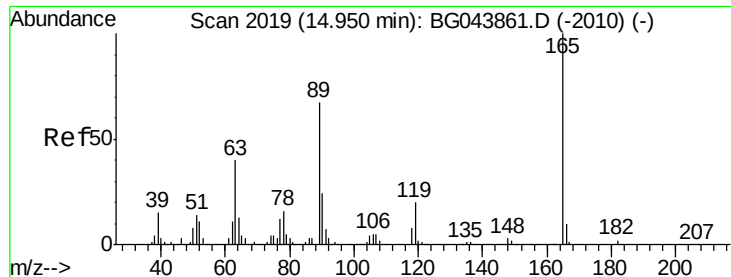
#56
4-Nitrophenol
Concen: 95.223 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Tgt Ion:139 Resp: 315739
Ion Ratio Lower Upper
139 100
109 64.9 50.4 90.4
65 84.5 71.4 111.4



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

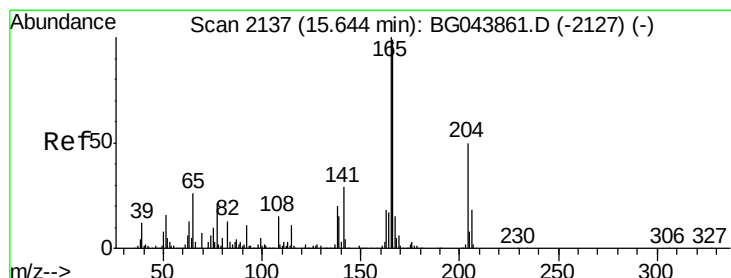
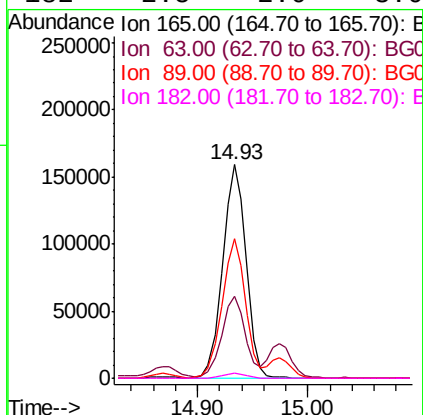
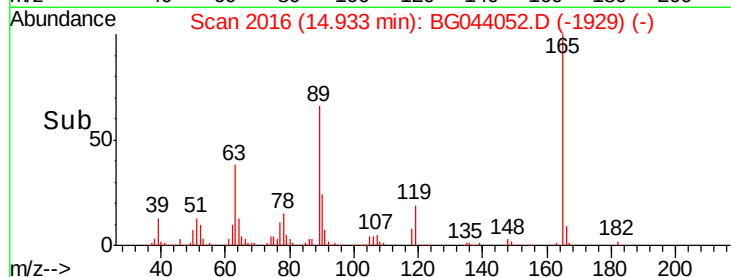
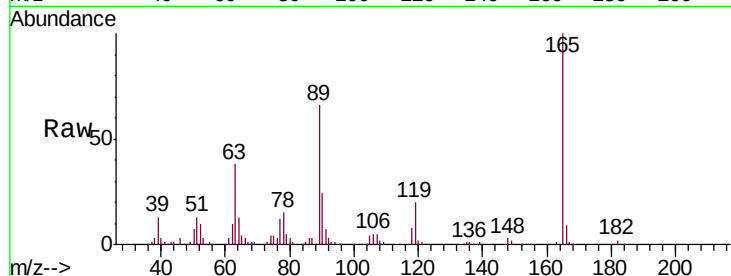




#57
2,4-Dinitrotoluene
Concen: 45.289 ng
RT: 14.93 min Scan# 2016
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

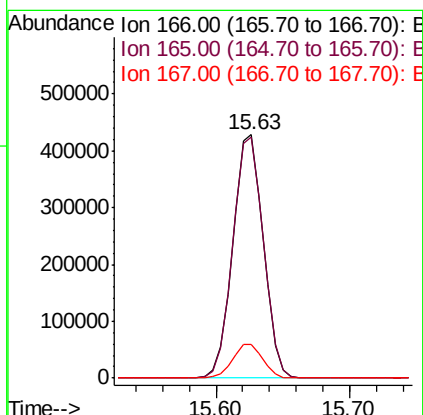
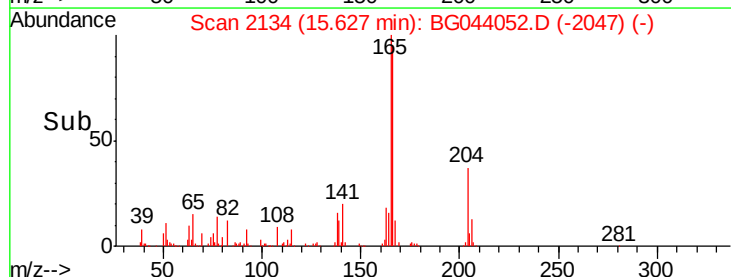
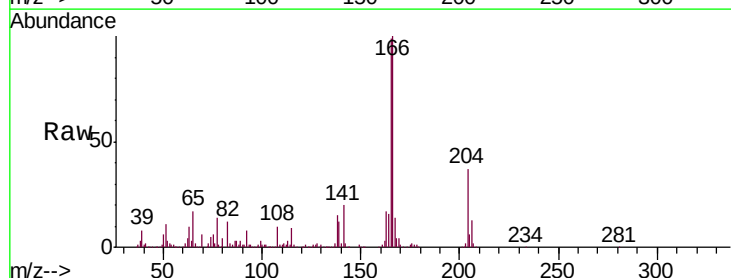
Instrument :
BNA_G
ClientSampleId :
PB126095BS

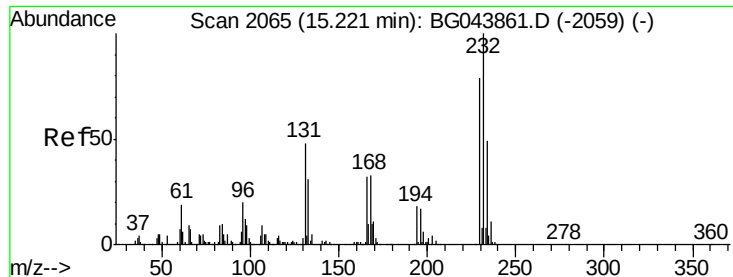
Tgt Ion:	165	Resp:	234811
Ion	Ratio	Lower	Upper
165	100		
63	38.2	31.9	47.9
89	65.5	53.8	80.6
182	2.5	2.0	3.0



#58
Fluorene
Concen: 44.804 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Tgt Ion:	166	Resp:	677811
Ion	Ratio	Lower	Upper
166	100		
165	99.0	80.8	121.2
167	14.1	12.1	18.1

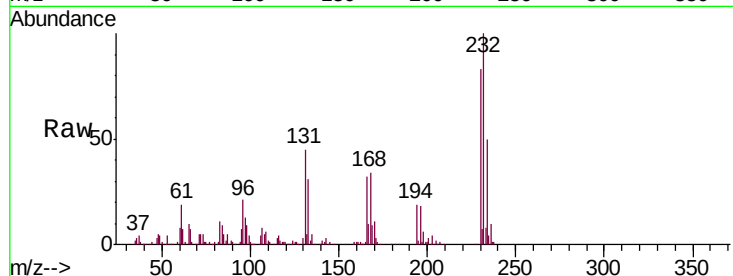




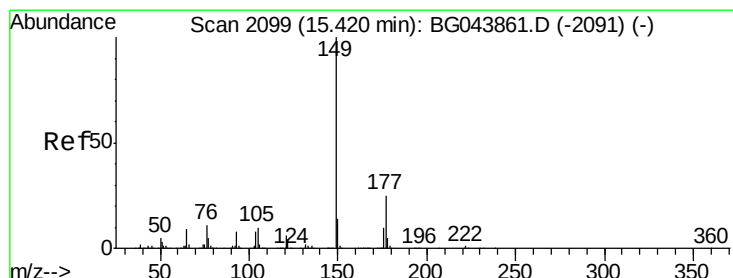
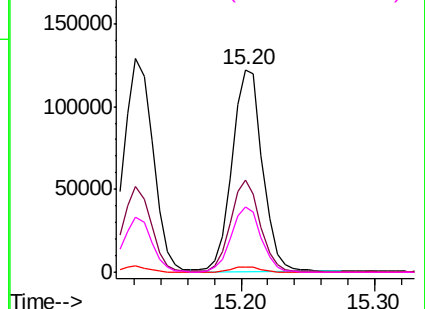
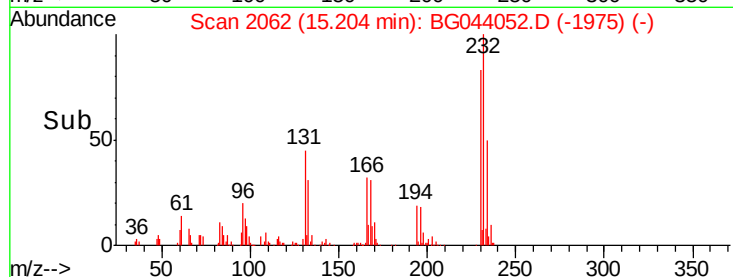
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.666 ng
RT: 15.20 min Scan# 2062
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Instrument :
BNA_G
ClientSampleId :
PB126095BS

Tgt Ion:	232	Resp:	193928
Ion	Ratio	Lower	Upper
232	100		
131	44.1	38.2	57.2
130	2.7	2.2	3.2
166	31.6	26.4	39.6

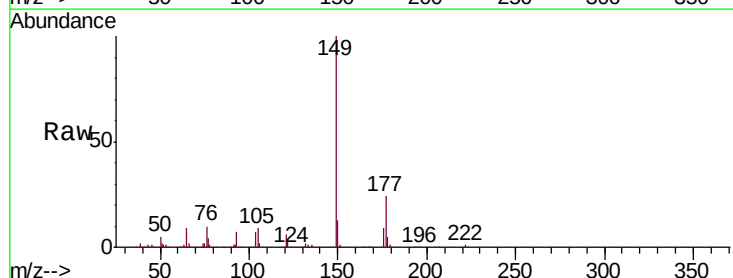


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

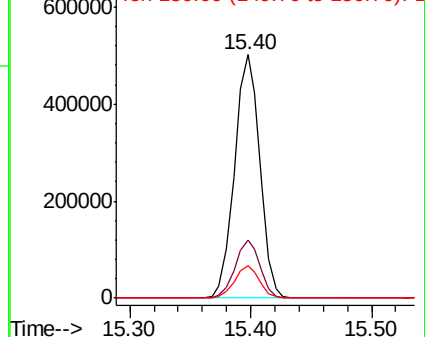
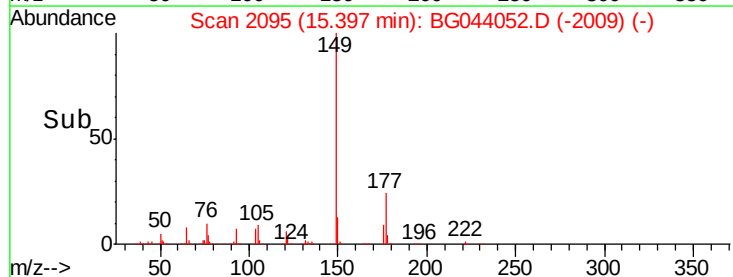


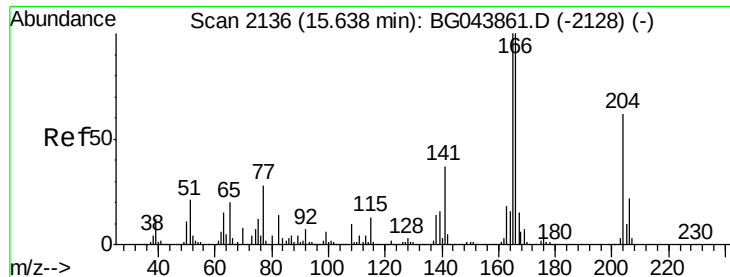
#60
Diethylphthalate
Concen: 43.276 ng
RT: 15.40 min Scan# 2095
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Tgt Ion:	149	Resp:	729689
Ion	Ratio	Lower	Upper
149	100		
177	23.7	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

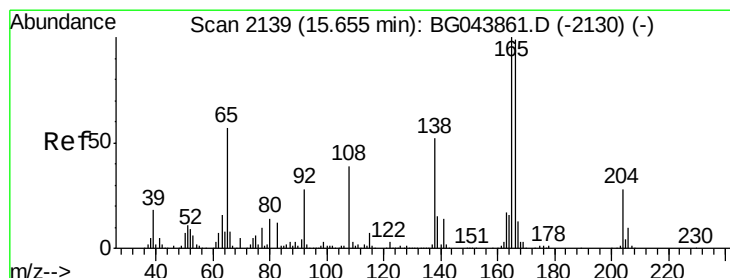
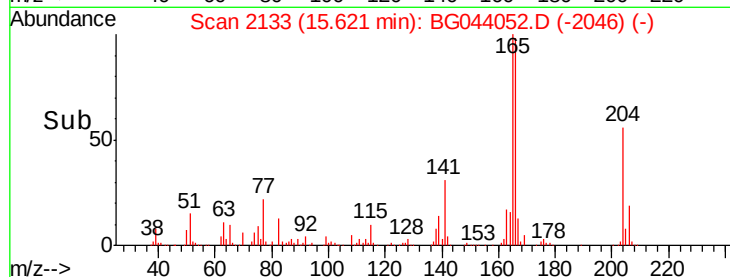
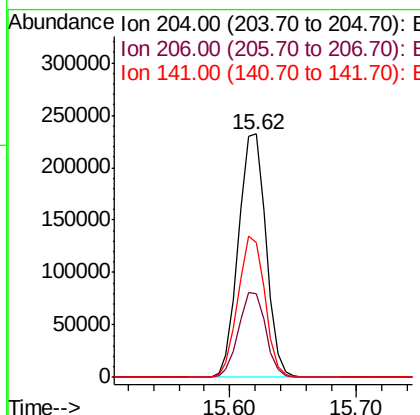
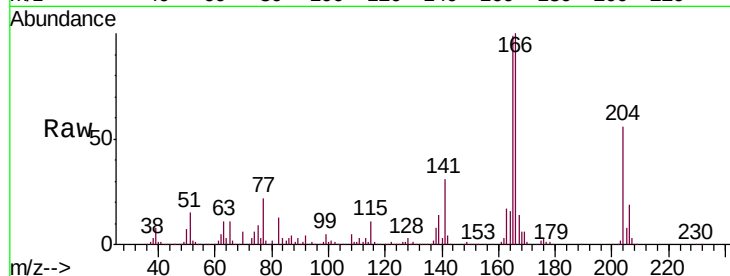




#61
 4-Chlorophenyl-phenylether
 Concen: 42.372 ng
 RT: 15.62 min Scan# 2133
 Delta R.T. -0.02 min
 Lab File: BG044052.D
 Acq: 15 Jan 2020 16:31

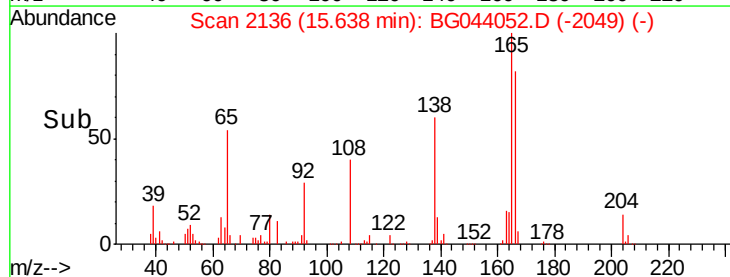
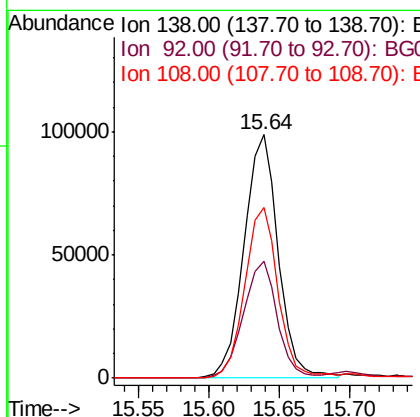
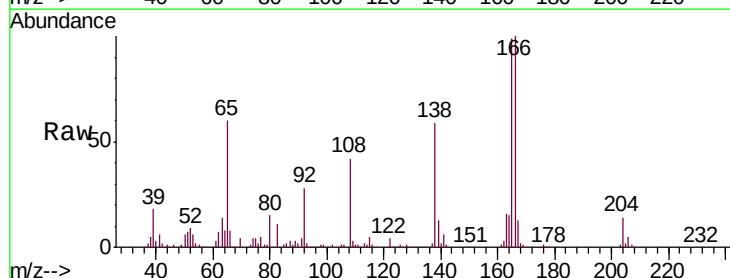
Instrument :
 BNA_G
 ClientSampleId :
 PB126095BS

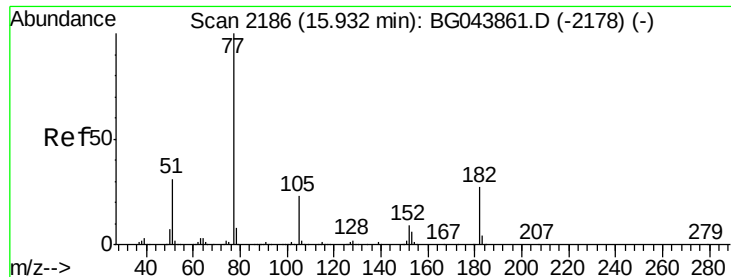
Tgt Ion: 204 Resp: 348071
 Ion Ratio Lower Upper
 204 100
 206 34.6 28.2 42.2
 141 55.3 48.2 72.2



#62
 4-Nitroaniline
 Concen: 39.315 ng
 RT: 15.64 min Scan# 2136
 Delta R.T. -0.02 min
 Lab File: BG044052.D
 Acq: 15 Jan 2020 16:31

Tgt Ion: 138 Resp: 167991
 Ion Ratio Lower Upper
 138 100
 92 47.9 34.3 74.3
 108 70.0 55.0 95.0





#63

Azobenzene

Concen: 42.070 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Instrument :

BNA_G

ClientSampleId :

PB126095BS

Tgt Ion: 77 Resp: 657863

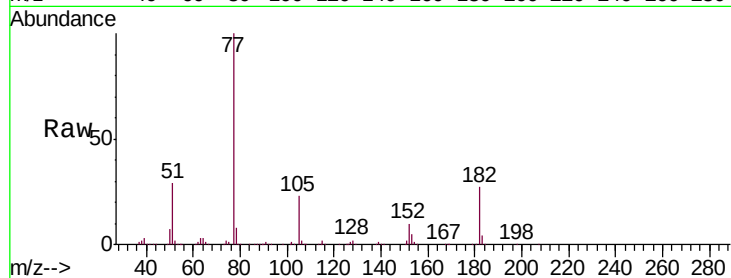
Ion Ratio Lower Upper

77 100

182 27.0 7.3 47.3

105 23.3 3.2 43.2

51 28.8 10.6 50.6

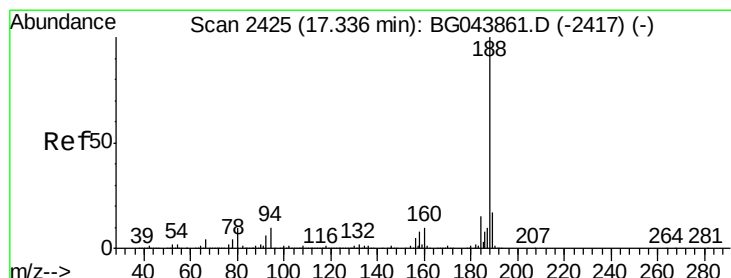
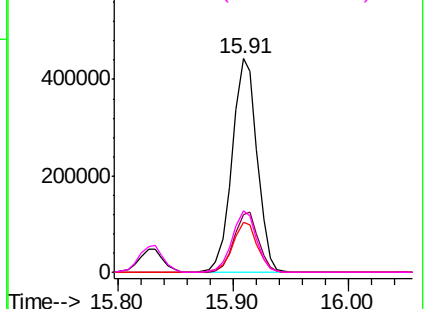
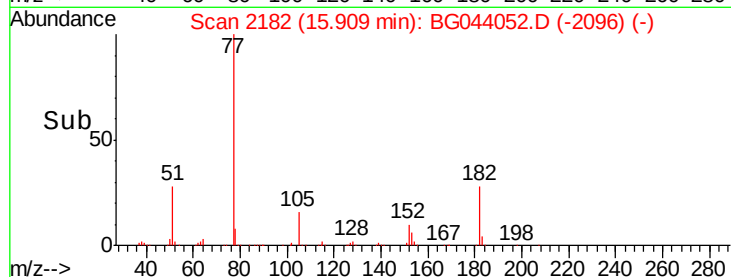


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2422

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

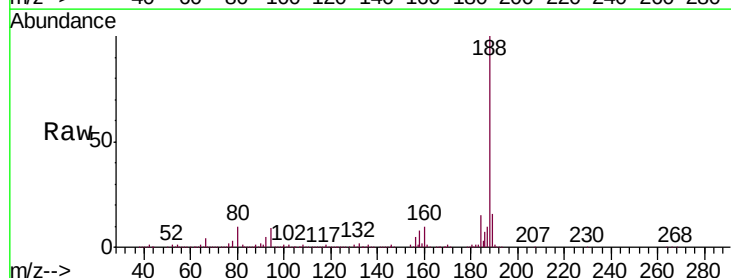
Tgt Ion: 188 Resp: 530730

Ion Ratio Lower Upper

188 100

94 9.2 7.9 11.9

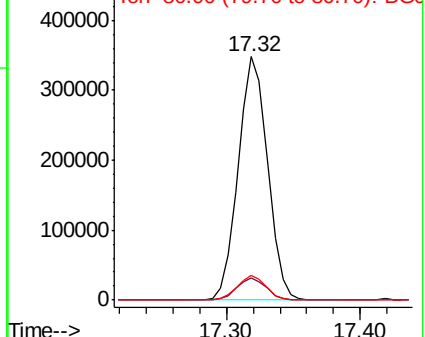
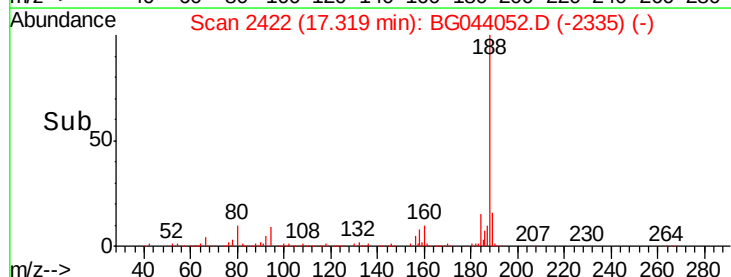
80 10.2 8.2 12.4

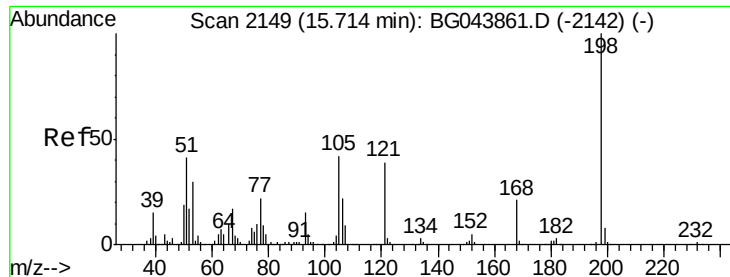


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

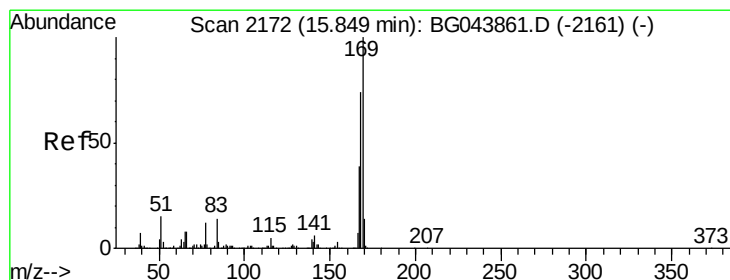
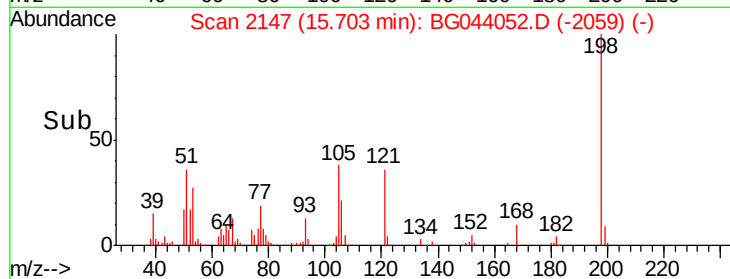
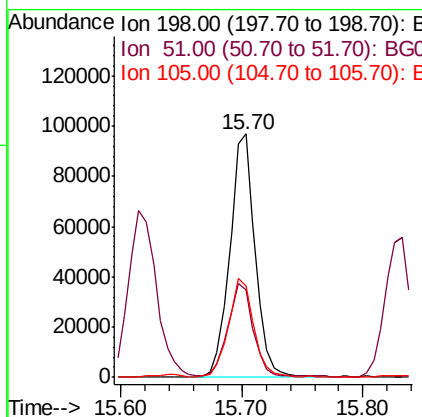
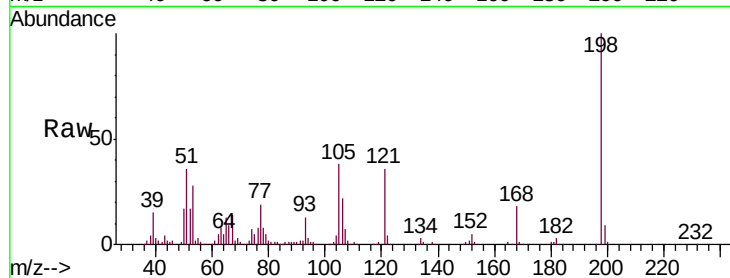




#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.420 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BG044052.D
 Acq: 15 Jan 2020 16:31

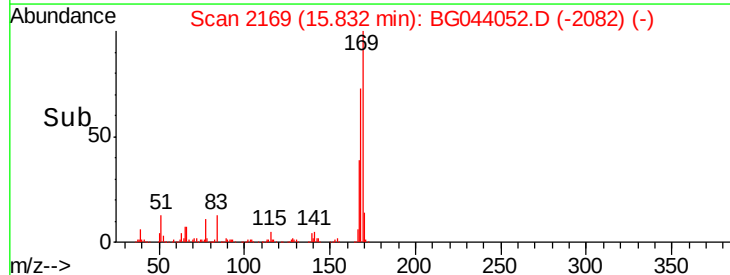
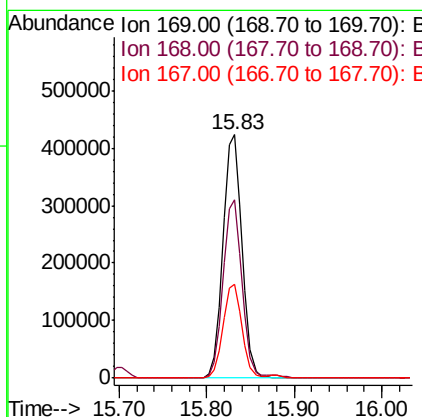
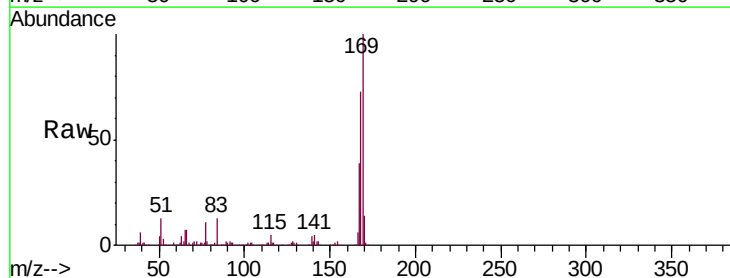
Instrument :
 BNA_G
 ClientSampleId :
 PB126095BS

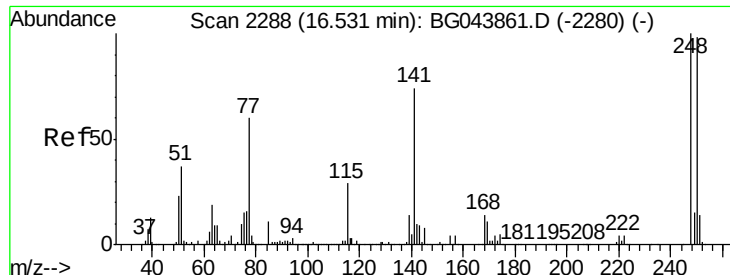
Tgt Ion:198 Resp: 141548
 Ion Ratio Lower Upper
 198 100
 51 35.8 22.5 62.5
 105 37.7 22.3 62.3



#66
 n-Nitrosodiphenylamine
 Concen: 40.673 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. -0.02 min
 Lab File: BG044052.D
 Acq: 15 Jan 2020 16:31

Tgt Ion:169 Resp: 635687
 Ion Ratio Lower Upper
 169 100
 168 73.4 59.0 88.6
 167 38.7 31.4 47.0





#67

4-Bromophenyl-phenylether

Concen: 38.490 ng

RT: 16.51 min Scan# 2284

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Instrument :

BNA_G

ClientSampleId :

PB126095BS

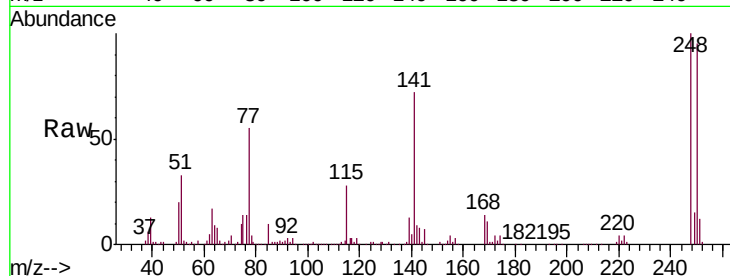
Tgt Ion:248 Resp: 229748

Ion Ratio Lower Upper

248 100

250 95.0 78.2 117.2

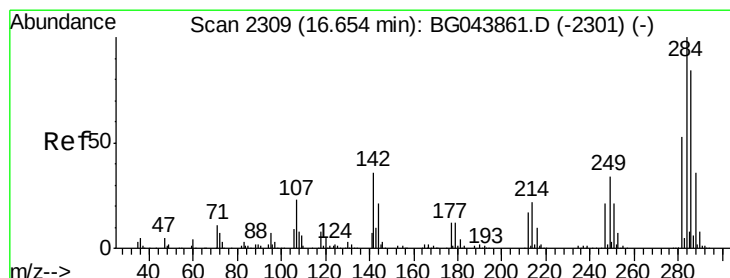
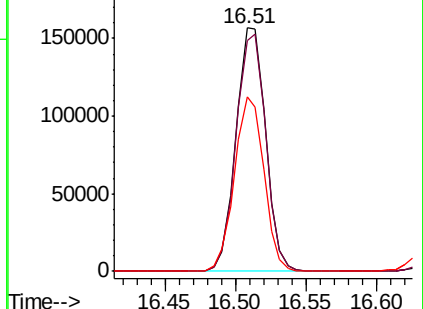
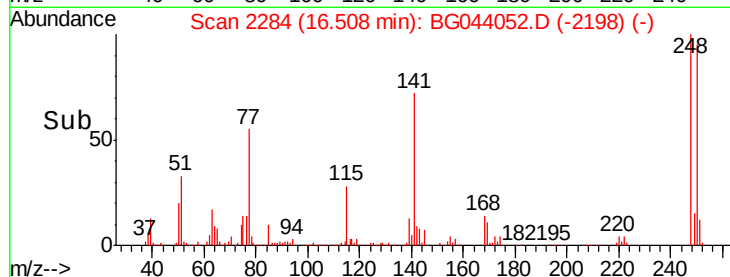
141 71.7 59.3 88.9



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 38.987 ng

RT: 16.64 min Scan# 2306

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

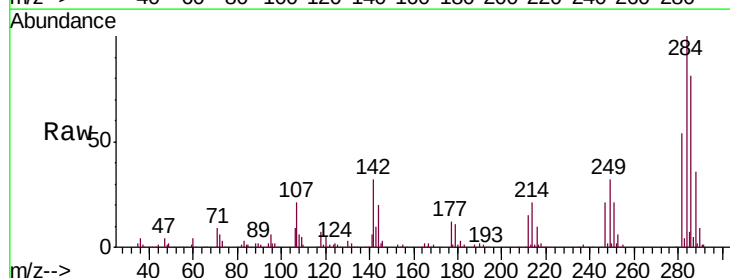
Tgt Ion:284 Resp: 250762

Ion Ratio Lower Upper

284 100

142 31.8 28.6 43.0

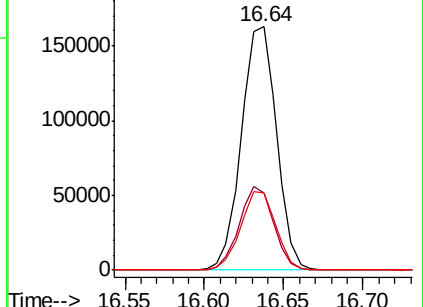
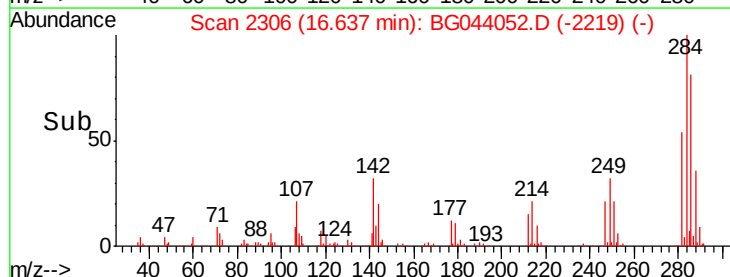
249 31.6 27.0 40.6

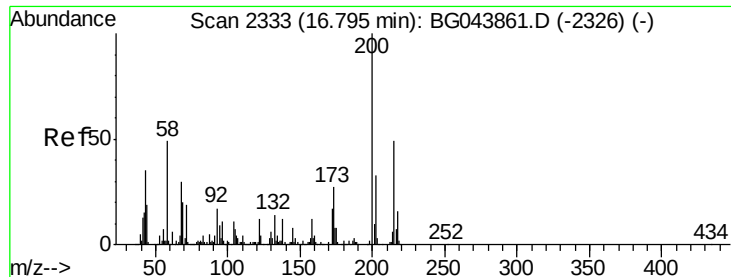


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 47.939 ng

RT: 16.78 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Instrument :

BNA_G

ClientSampleId :

PB126095BS

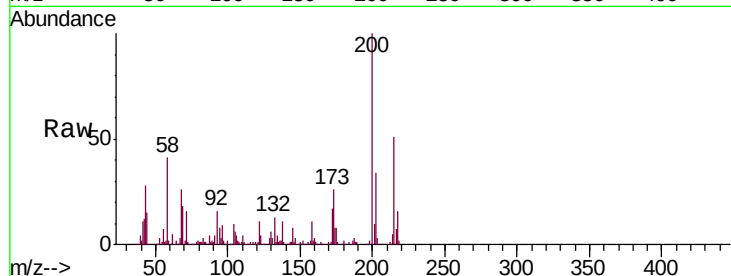
Tgt Ion:200 Resp: 243546

Ion Ratio Lower Upper

200 100

173 25.8 6.6 46.6

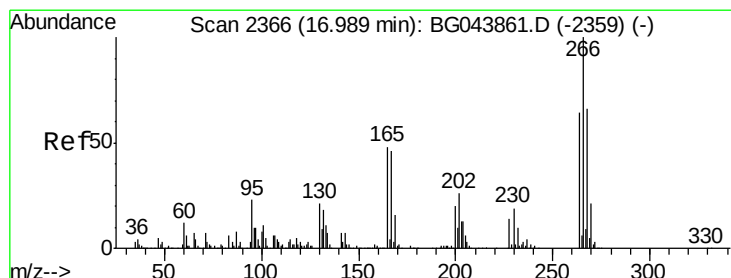
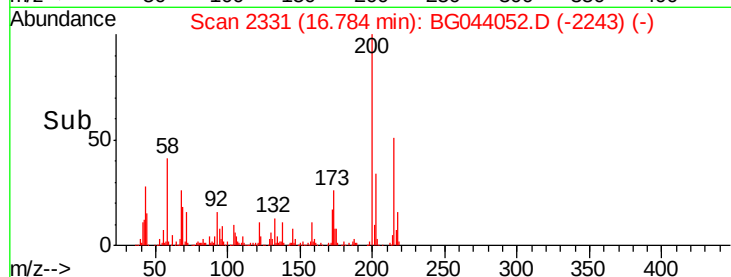
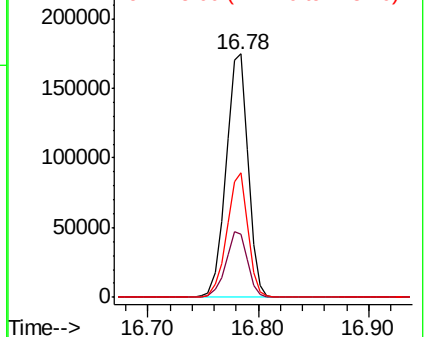
215 51.0 28.6 68.6



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: 82.662 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.01 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

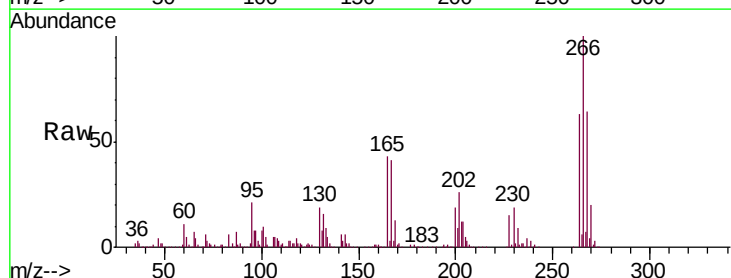
Tgt Ion:266 Resp: 293083

Ion Ratio Lower Upper

266 100

268 63.7 52.6 79.0

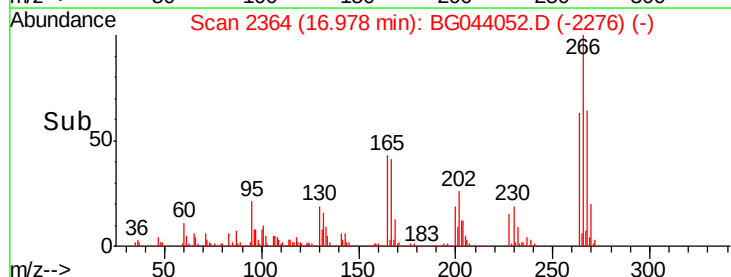
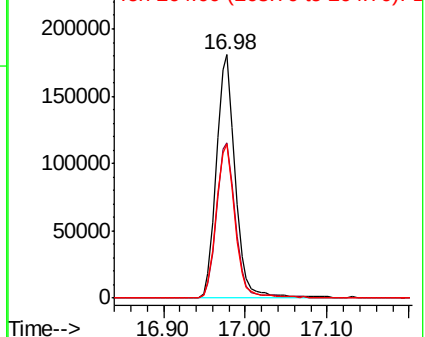
264 63.4 50.8 76.2

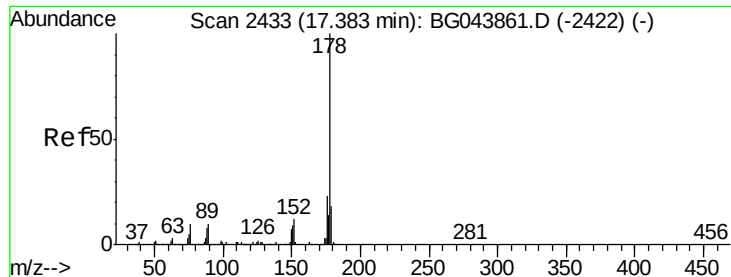


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

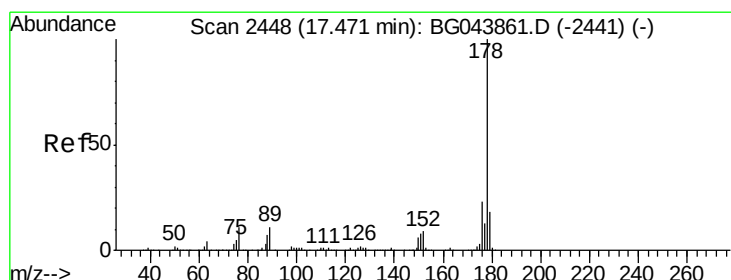
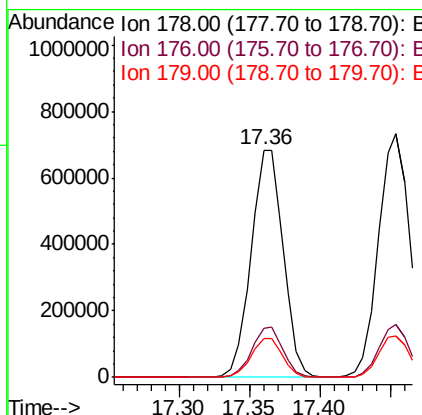
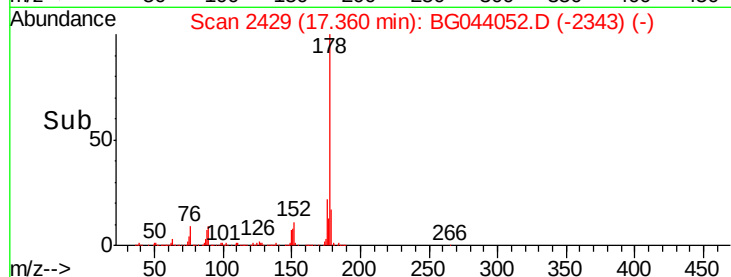
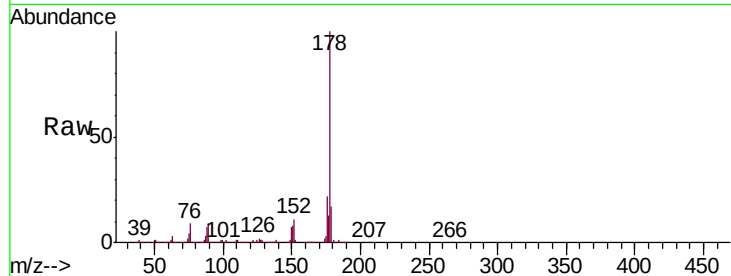




#71
Phenanthrene
Concen: 42.891 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

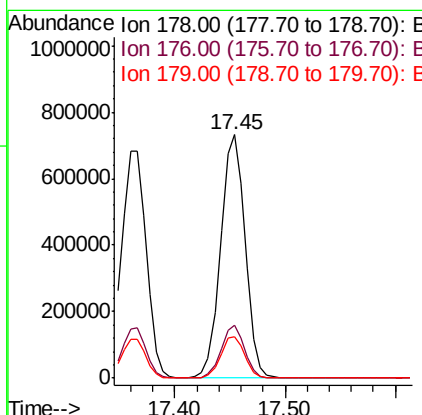
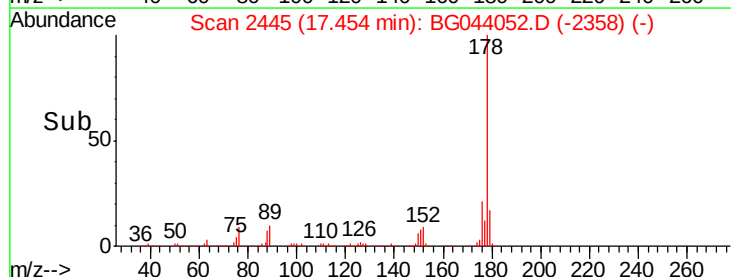
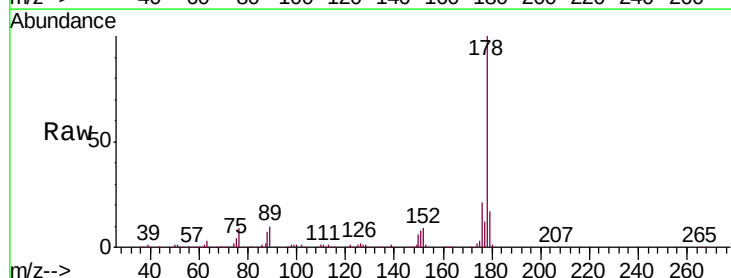
Instrument :
BNA_G
ClientSampleId :
PB126095BS

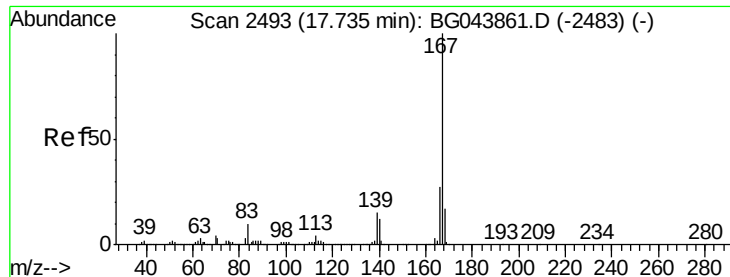
Tgt Ion:178 Resp: 1091847
Ion Ratio Lower Upper
178 100
176 21.8 18.6 28.0
179 17.3 14.4 21.6



#72
Anthracene
Concen: 44.991 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.02 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Tgt Ion:178 Resp: 1131891
Ion Ratio Lower Upper
178 100
176 21.5 18.3 27.5
179 17.2 14.6 22.0

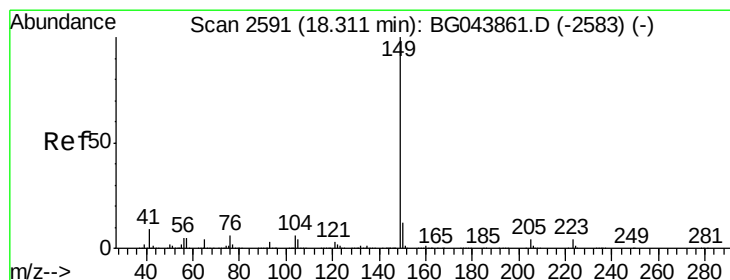
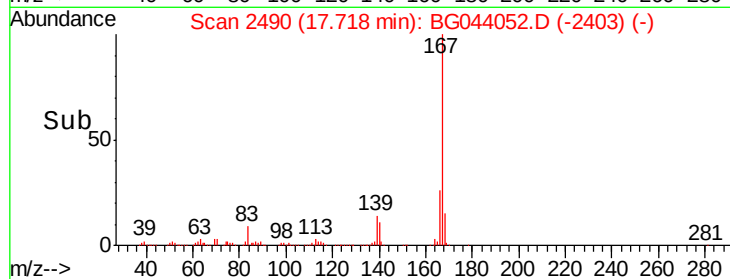
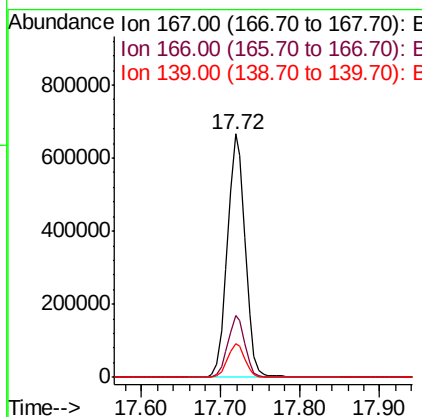
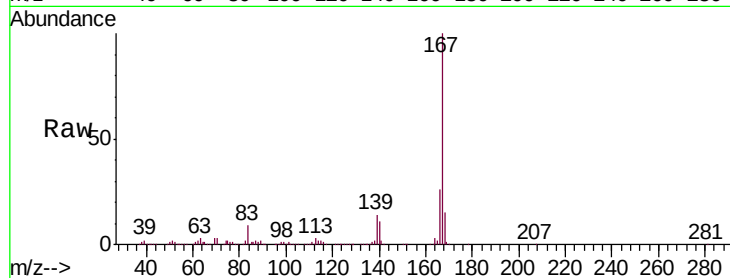




#73
 Carbazole
 Concen: 44.437 ng
 RT: 17.72 min Scan# 2490
 Delta R.T. -0.02 min
 Lab File: BG044052.D
 Acq: 15 Jan 2020 16:31

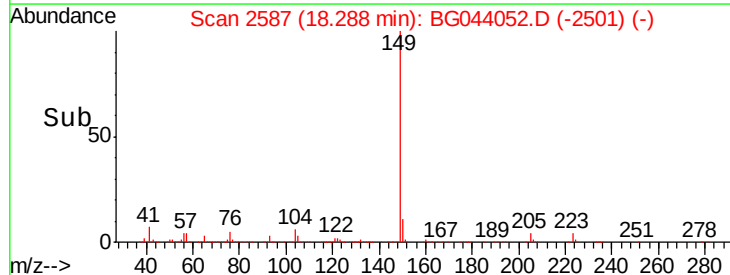
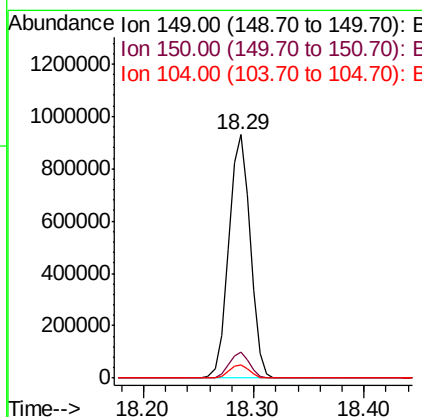
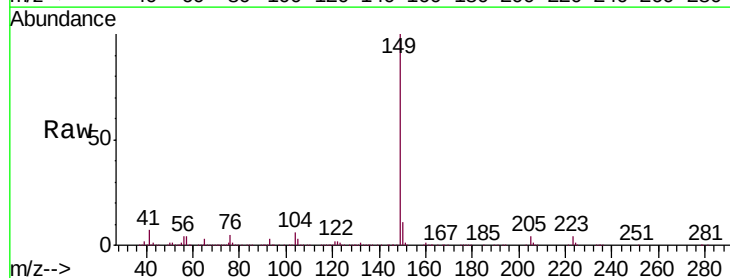
Instrument :
 BNA_G
 ClientSampleId :
 PB126095BS

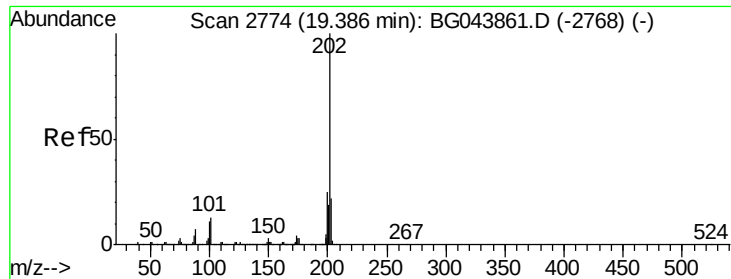
Tgt Ion:167 Resp: 1032671
 Ion Ratio Lower Upper
 167 100
 166 25.6 21.6 32.4
 139 14.0 12.1 18.1



#74
 Di-n-butylphthalate
 Concen: 42.840 ng
 RT: 18.29 min Scan# 2587
 Delta R.T. -0.02 min
 Lab File: BG044052.D
 Acq: 15 Jan 2020 16:31

Tgt Ion:149 Resp: 1271098
 Ion Ratio Lower Upper
 149 100
 150 10.7 9.7 14.5
 104 5.6 5.0 7.4





#75

Fluoranthene

Concen: 43.837 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Instrument :

BNA_G

ClientSampleId :

PB126095BS

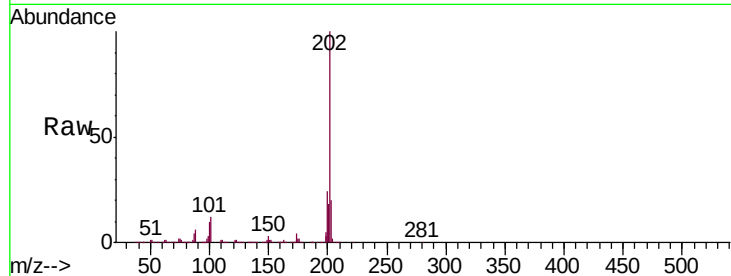
Tgt Ion:202 Resp: 1276242

Ion Ratio Lower Upper

202 100

101 12.1 0.0 33.3

203 20.3 1.6 41.6

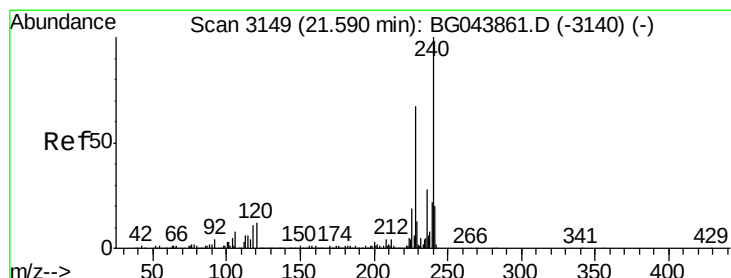
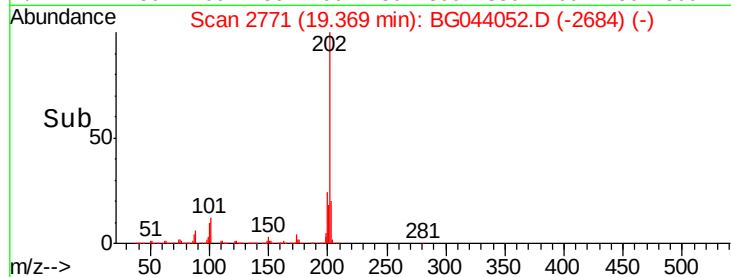
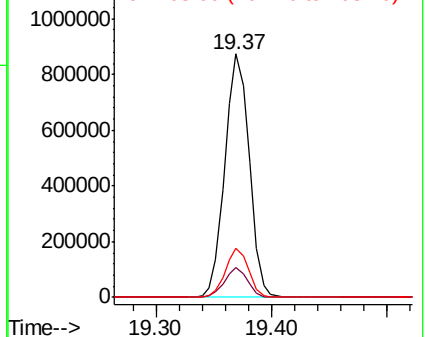


Abundance

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: 21.57 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

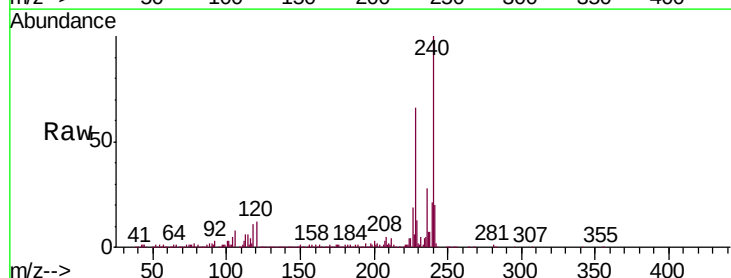
Tgt Ion:240 Resp: 464058

Ion Ratio Lower Upper

240 100

120 11.7 9.6 14.4

236 28.1 22.2 33.2

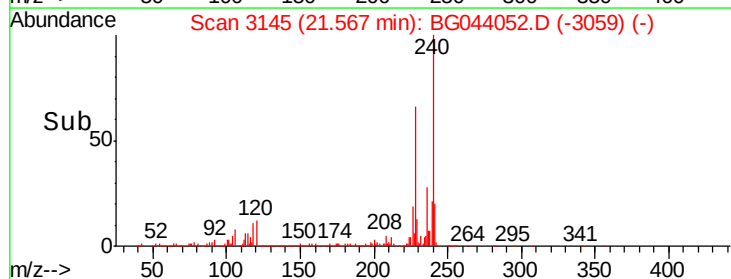
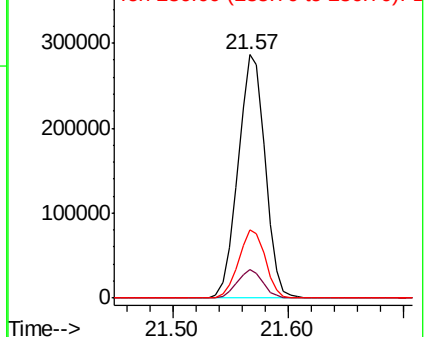


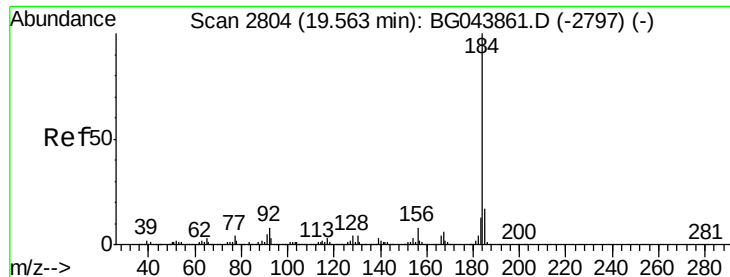
Abundance

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: 48.293 ng

RT: 19.55 min Scan# 2801

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Instrument :

BNA_G

ClientSampleId :

PB126095BS

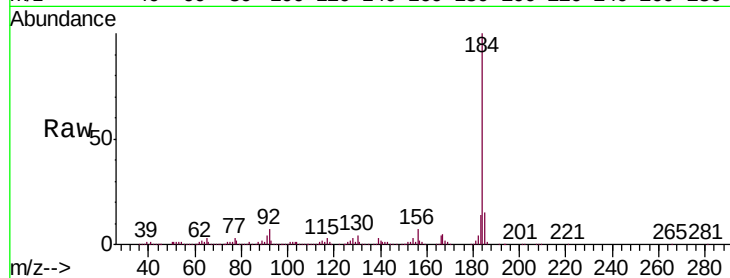
Tgt Ion:184 Resp: 563307

Ion Ratio Lower Upper

184 100

185 15.2 13.4 20.0

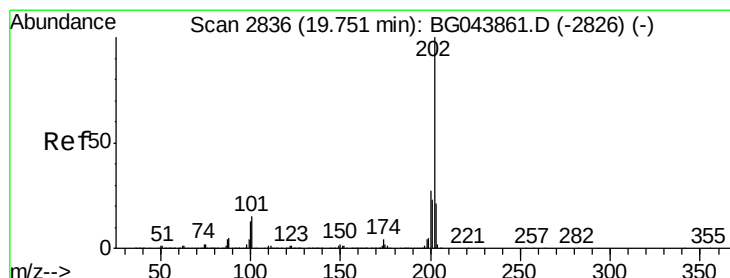
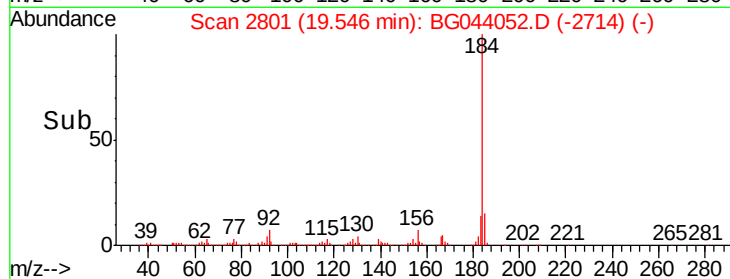
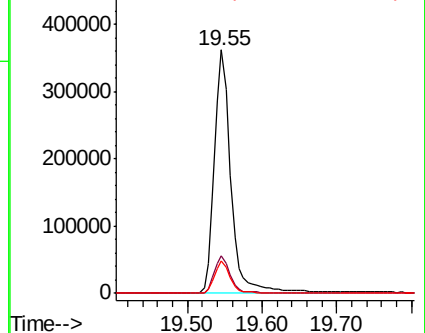
183 13.6 10.6 15.8



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: 42.370 ng

RT: 19.73 min Scan# 2832

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

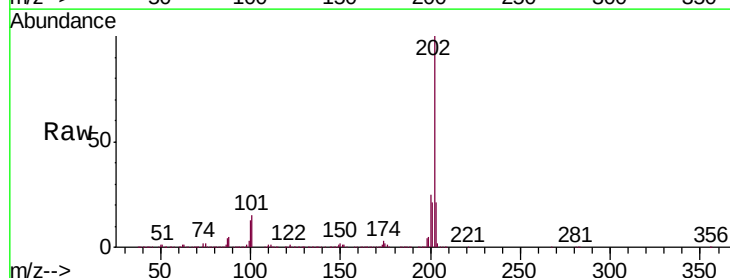
Tgt Ion:202 Resp: 1283420

Ion Ratio Lower Upper

202 100

200 24.9 21.7 32.5

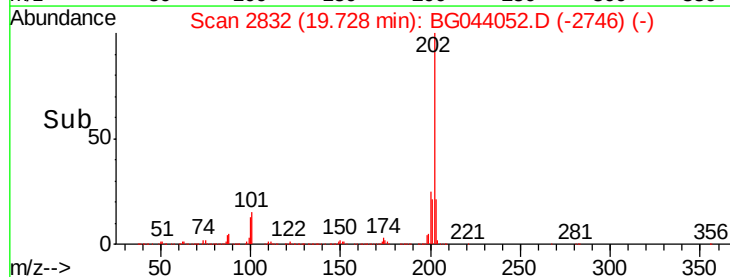
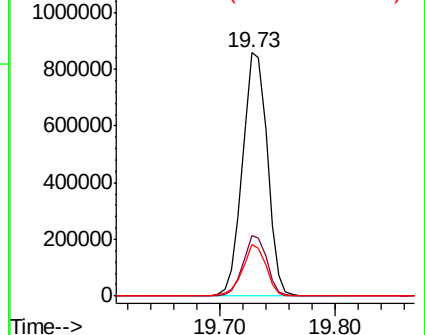
203 21.1 17.0 25.6

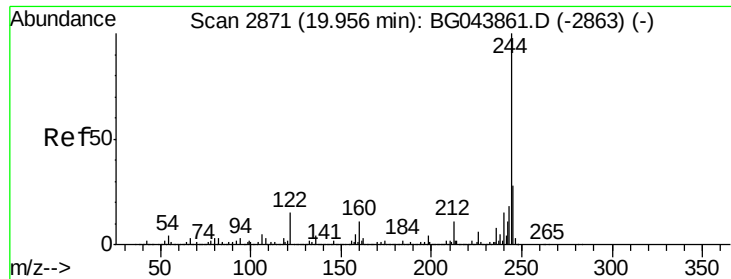


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 99.320 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Instrument :

BNA_G

ClientSampleId :

PB126095BS

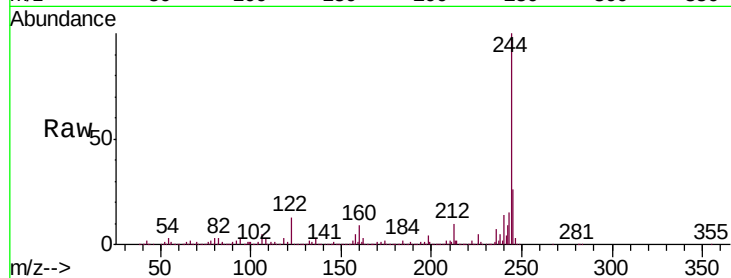
Tgt Ion:244 Resp: 1831037

Ion Ratio Lower Upper

244 100

212 9.7 8.6 13.0

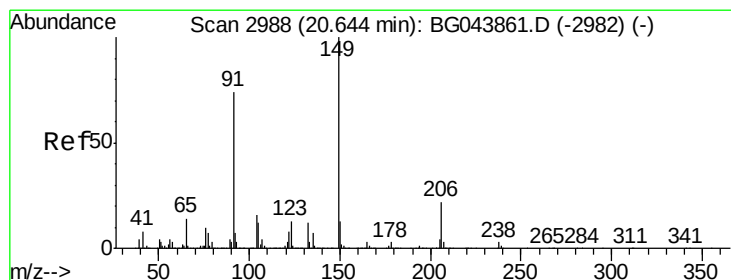
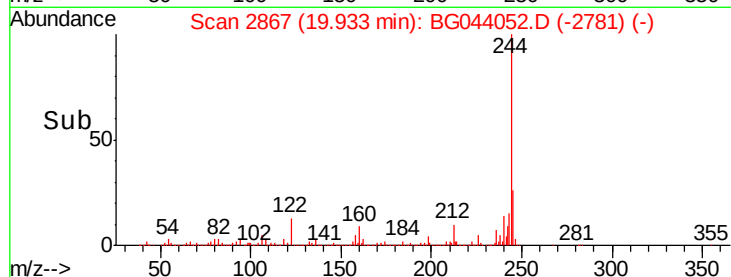
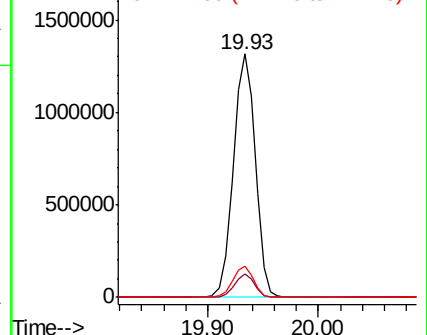
122 12.9 11.9 17.9



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: 40.888 ng

RT: 20.62 min Scan# 2984

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

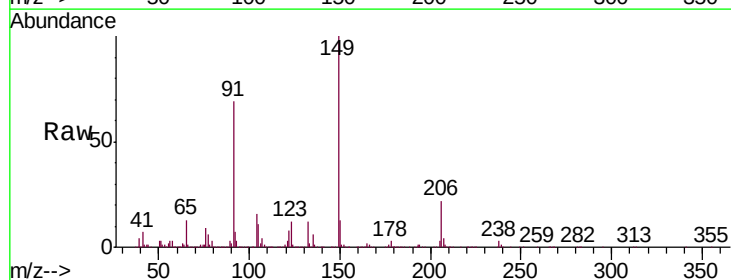
Tgt Ion:149 Resp: 589655

Ion Ratio Lower Upper

149 100

91 69.1 59.5 89.3

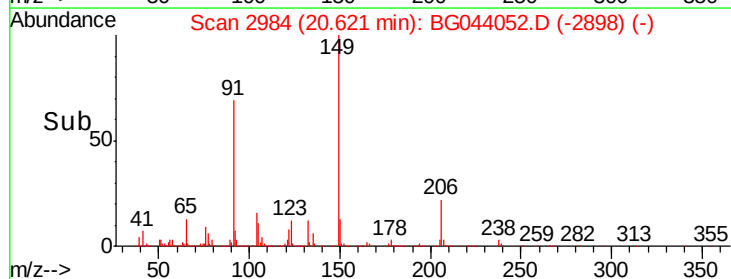
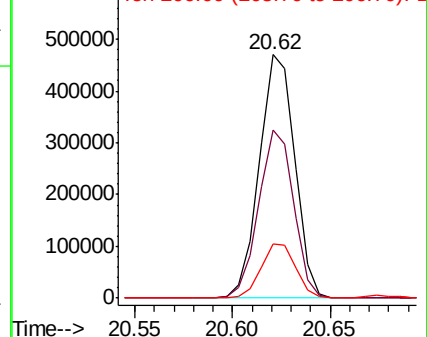
206 22.3 17.8 26.6

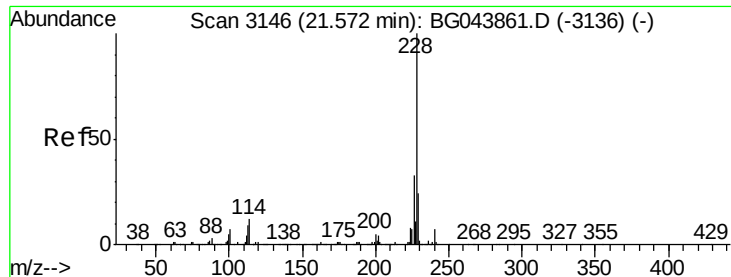


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.229 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Instrument :

BNA_G

ClientSampleId :

PB126095BS

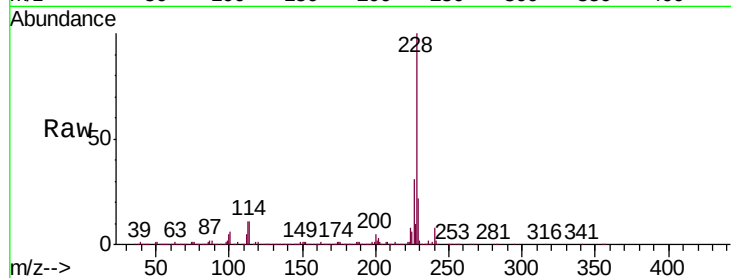
Tgt Ion:228 Resp: 1215137

Ion Ratio Lower Upper

228 100

226 31.2 26.2 39.4

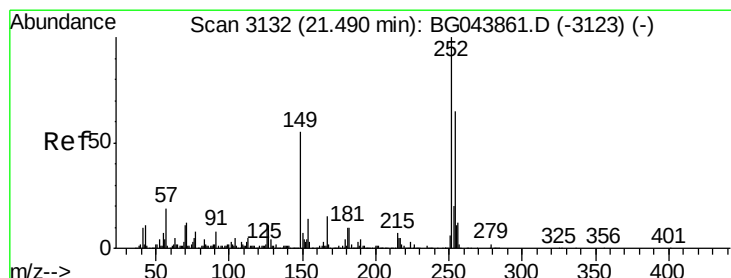
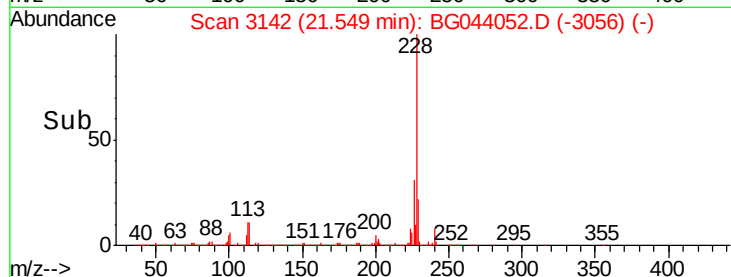
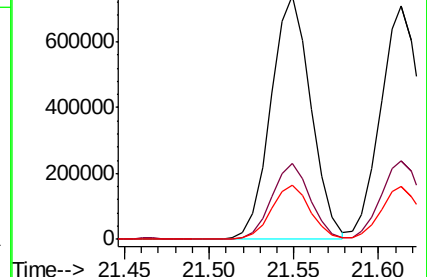
229 22.4 18.9 28.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.726 ng

RT: 21.47 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

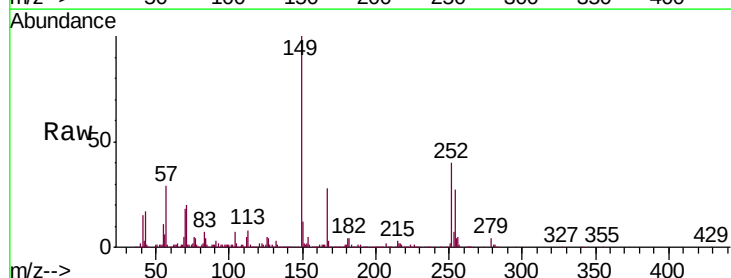
Tgt Ion:252 Resp: 337929

Ion Ratio Lower Upper

252 100

254 66.8 52.1 78.1

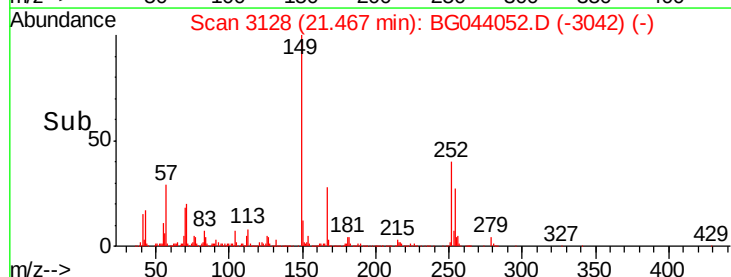
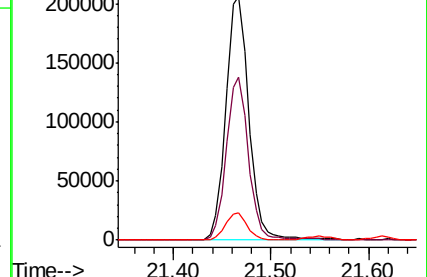
126 11.2 9.1 13.7

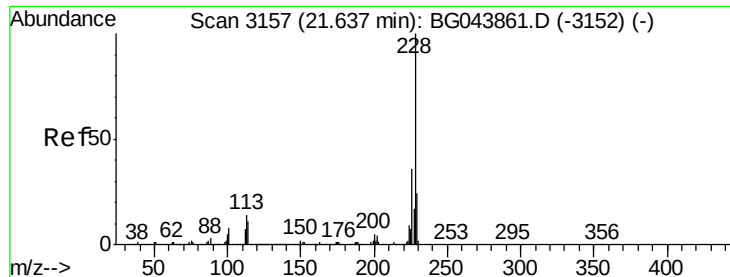


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.857 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.02 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Instrument :

BNA_G

ClientSampleId :

PB126095BS

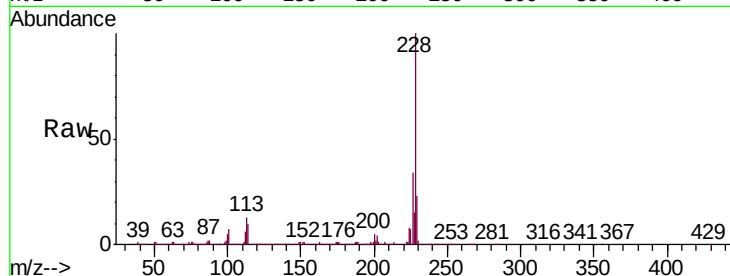
Tgt Ion:228 Resp: 1171790

Ion Ratio Lower Upper

228 100

226 33.8 28.8 43.2

229 22.7 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

1000000

800000

600000

400000

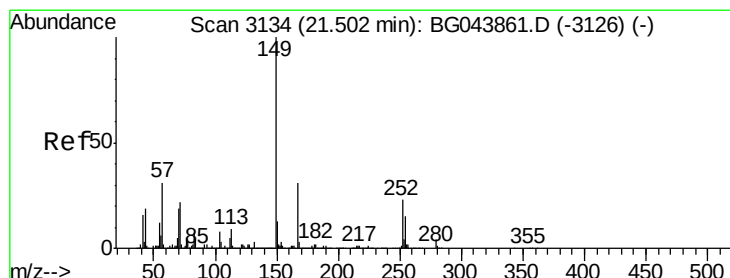
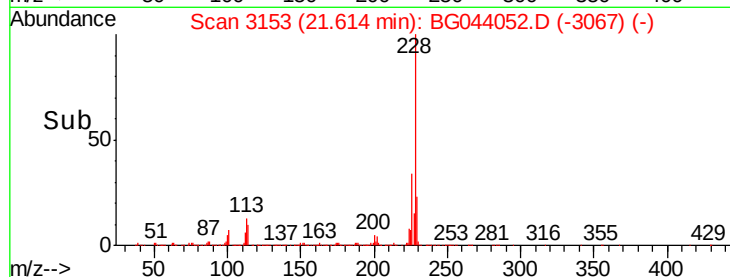
200000

0

21.50 21.60 21.70 21.80

21.61

Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.742 ng

RT: 21.47 min Scan# 3129

Delta R.T. -0.03 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

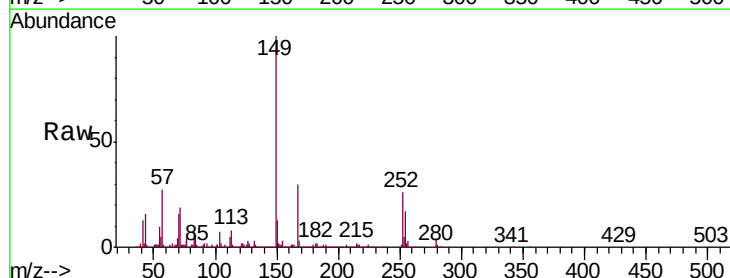
Tgt Ion:149 Resp: 830597

Ion Ratio Lower Upper

149 100

167 29.6 24.7 37.1

279 4.4 3.3 4.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

800000

600000

400000

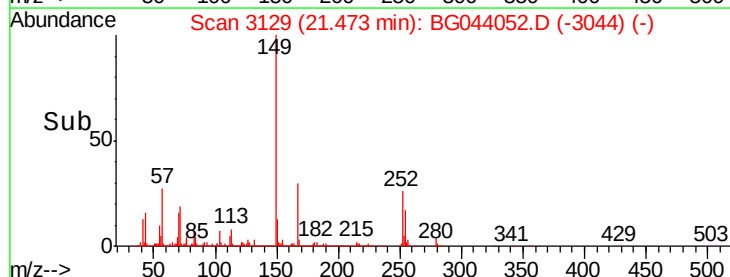
200000

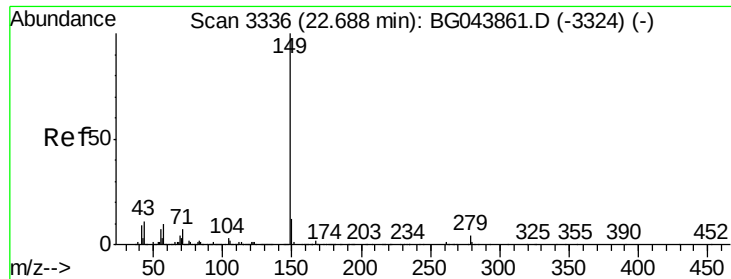
0

21.40 21.45 21.50 21.55

21.47

Time-->

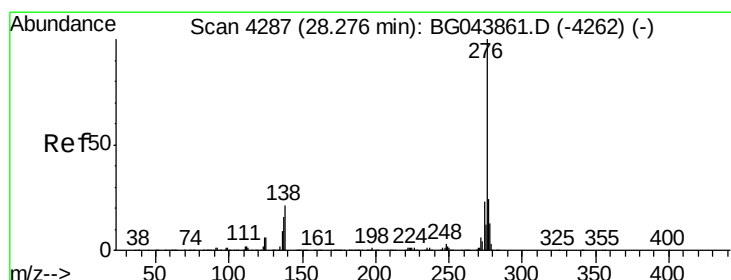
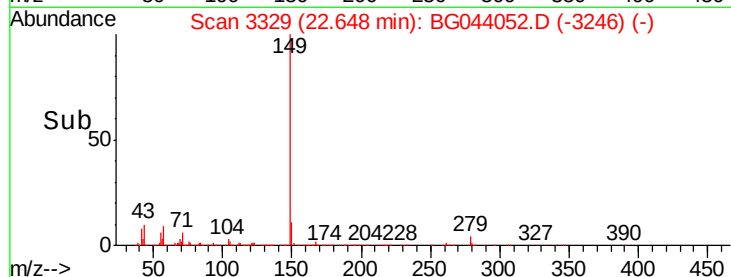
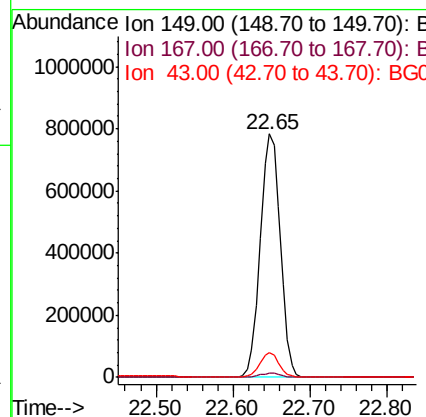
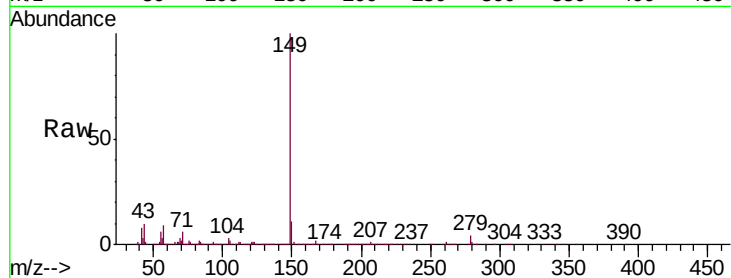




#85
Di-n-octyl phthalate
Concen: 42.612 ng
RT: 22.65 min Scan# 3329
Delta R.T. -0.04 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

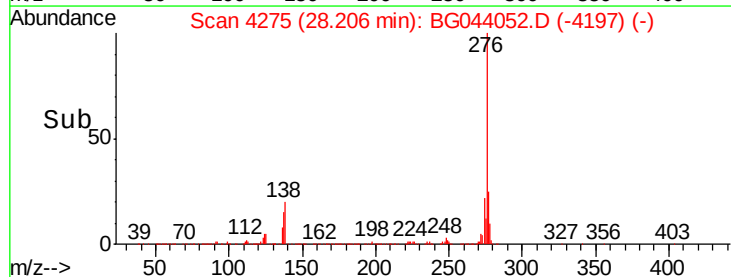
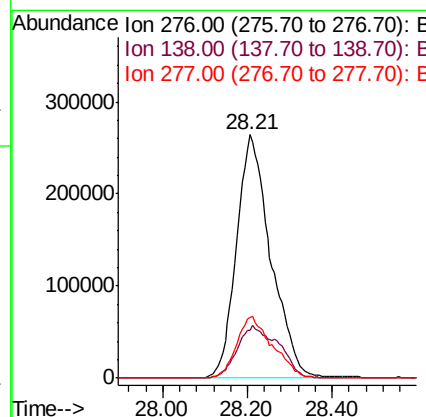
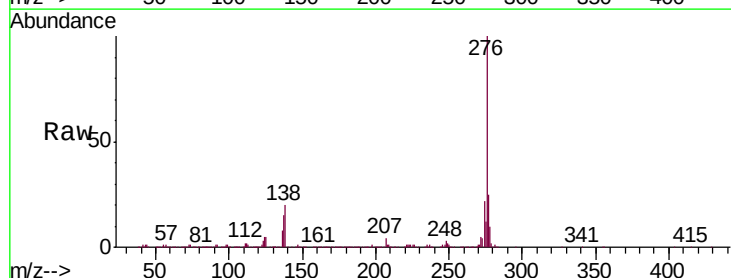
Instrument :
BNA_G
ClientSampleId :
PB126095BS

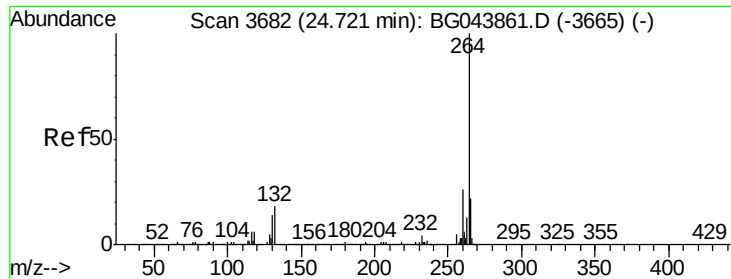
Tgt Ion:149 Resp: 1425468
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 9.5 8.8 13.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.899 ng
RT: 28.21 min Scan# 4275
Delta R.T. -0.07 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Tgt Ion:276 Resp: 1482556
Ion Ratio Lower Upper
276 100
138 25.7 21.0 31.4
277 26.4 21.1 31.7



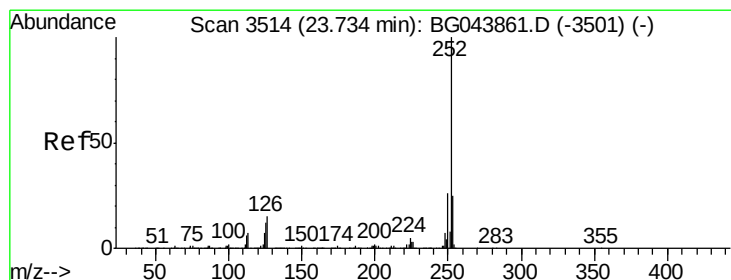
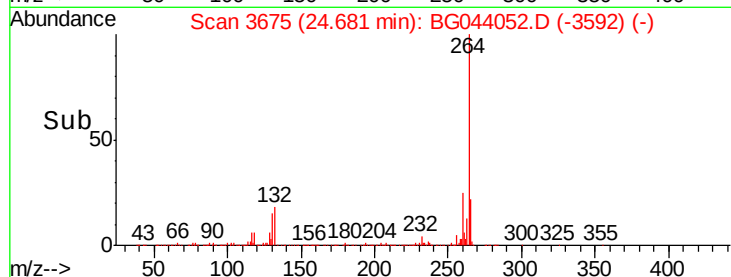
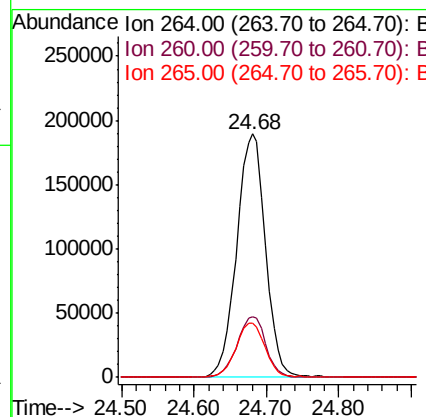
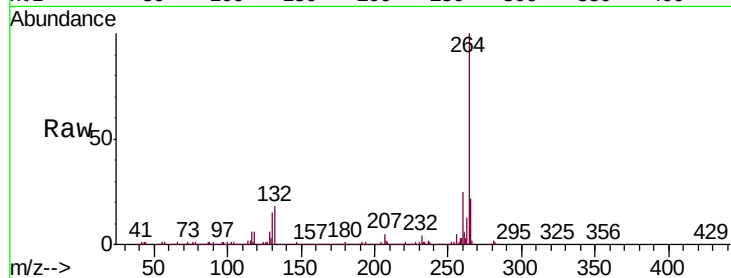


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.68 min Scan# 3675
Delta R.T. -0.04 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Instrument :
BNA_G
ClientSampleId :
PB126095BS

Tgt Ion: 264 Resp: 521193

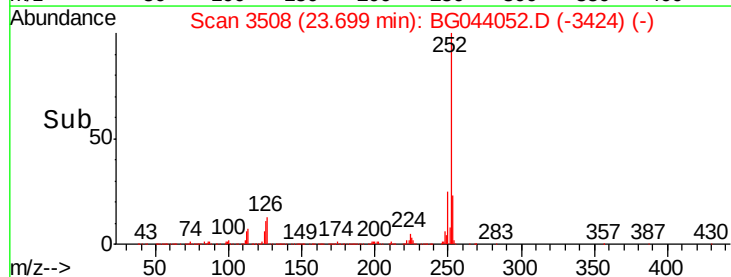
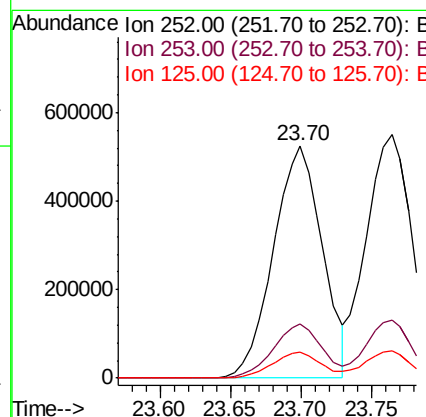
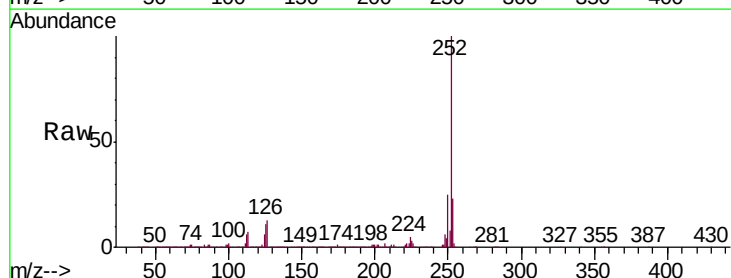
Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.4	30.6
265	22.3	17.4	26.2

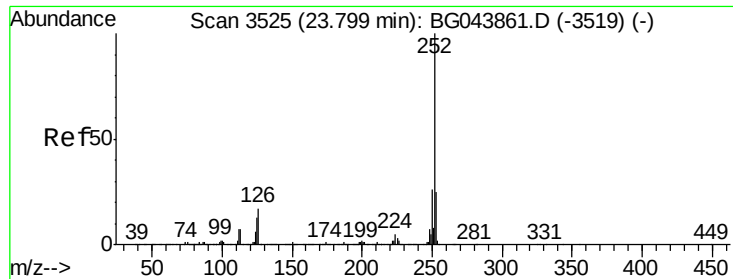


#88
Benzo(b)fluoranthene
Concen: 41.101 ng
RT: 23.70 min Scan# 3508
Delta R.T. -0.03 min
Lab File: BG044052.D
Acq: 15 Jan 2020 16:31

Tgt Ion: 252 Resp: 1266394

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.7	29.5
125	11.3	9.4	14.2





#89

Benzo(k)fluoranthene

Concen: 42.917 ng

RT: 23.76 min Scan# 3519

Delta R.T. -0.03 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Instrument :

BNA_G

ClientSampleId :

PB126095BS

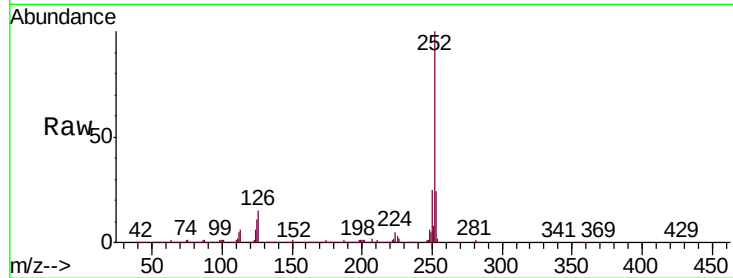
Tgt Ion:252 Resp: 1257451

Ion Ratio Lower Upper

252 100

253 23.7 19.4 29.2

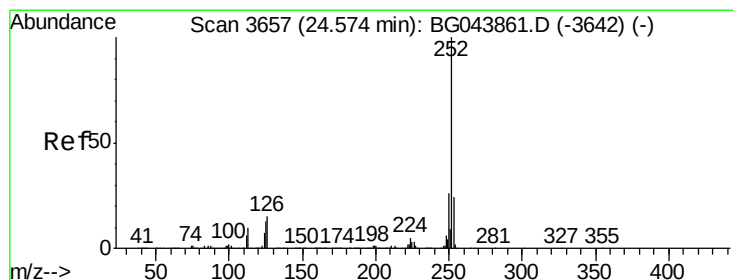
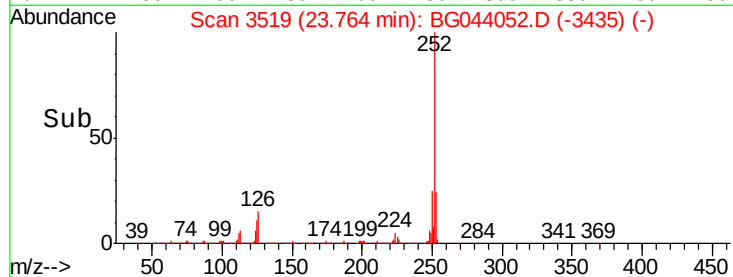
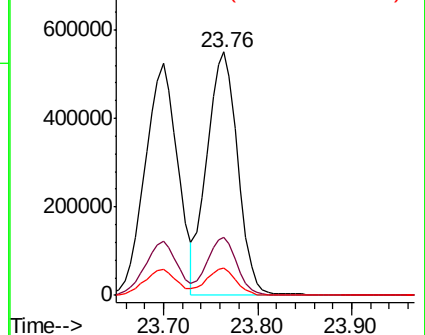
125 11.1 9.9 14.9



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: 40.458 ng

RT: 24.53 min Scan# 3650

Delta R.T. -0.04 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

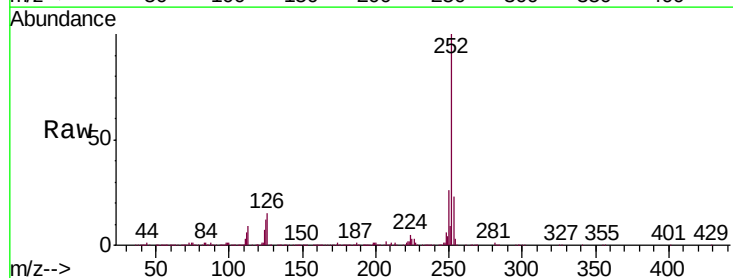
Tgt Ion:252 Resp: 1176554

Ion Ratio Lower Upper

252 100

253 23.4 19.3 28.9

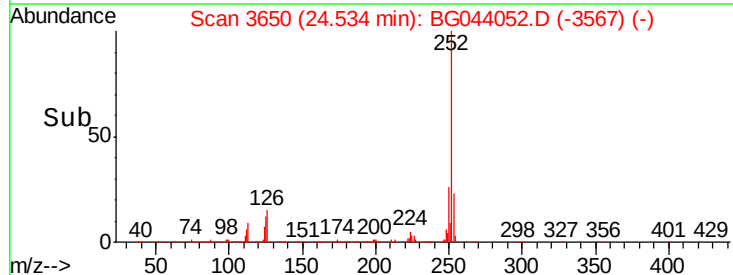
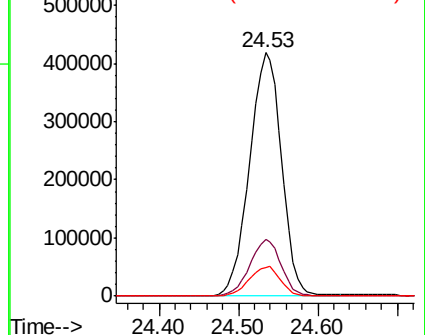
125 12.0 10.4 15.6

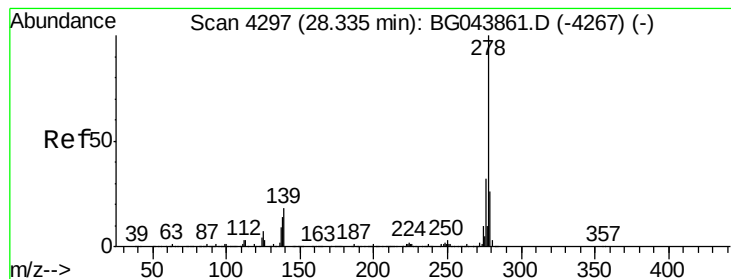


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 41.809 ng

RT: 28.26 min Scan# 4285

Delta R.T. -0.07 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

Instrument :

BNA_G

ClientSampleId :

PB126095BS

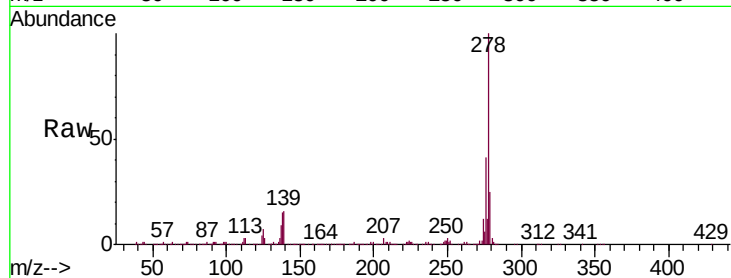
Tgt Ion:278 Resp: 1221063

Ion Ratio Lower Upper

278 100

139 16.0 14.2 21.4

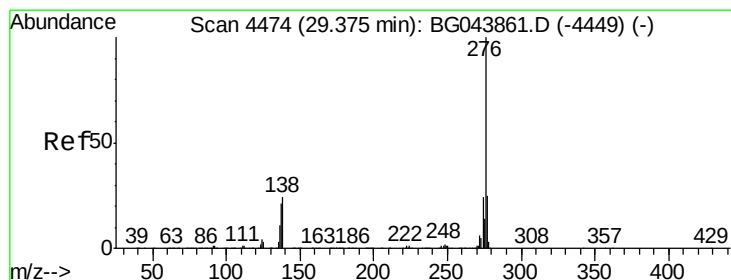
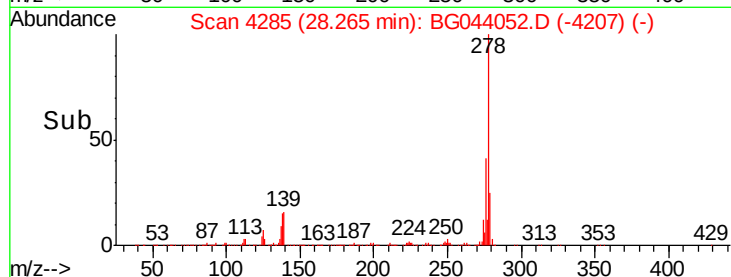
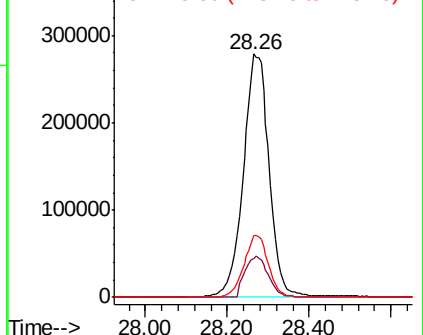
279 25.2 20.6 30.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.853 ng

RT: 29.31 min Scan# 4463

Delta R.T. -0.06 min

Lab File: BG044052.D

Acq: 15 Jan 2020 16:31

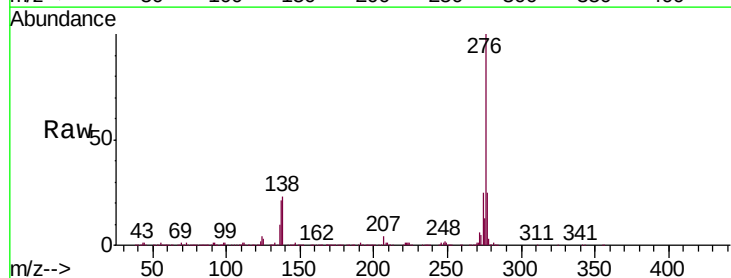
Tgt Ion:276 Resp: 1243194

Ion Ratio Lower Upper

276 100

277 24.8 20.2 30.4

138 22.6 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

