

Data File : BG044157.D
Acq On : 22 Jan 2020 14:23
Operator : JU
Sample : PB126265BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126265BS

Quant Time: Jan 23 07:50:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	84379	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	351187	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	228635	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	475621	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	402200	20.00	ng	-0.03
87) Perylene-d12	24.66	264	461939	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	672628	146.37	ng	-0.03
7) Phenol-d6	7.10	99	891821	138.83	ng	-0.02
23) Nitrobenzene-d5	9.08	82	468846	71.42	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	323583	135.24	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1039338	82.36	ng	-0.03
79) Terphenyl-d14	19.92	244	1437516	86.60	ng	-0.03

Target Compounds					Qvalue
2) 1,4-Dioxane	3.39	88	81756	40.802 ng	97
3) Pyridine	3.78	79	200827	33.927 ng	97
4) n-Nitrosodimethylamine	3.70	42	102241	38.795 ng	95
6) Aniline	7.25	93	254869	30.208 ng	99
8) 2-Chlorophenol	7.50	128	249702	46.284 ng	96
9) Benzaldehyde	7.06	77	127502	31.013 ng	99
10) Phenol	7.13	94	308355	46.590 ng	98
11) bis(2-Chloroethyl)ether	7.35	93	226783	39.696 ng	96
12) 1,3-Dichlorobenzene	7.82	146	253906	40.218 ng	98
13) 1,4-Dichlorobenzene	7.96	146	253388	40.677 ng	99
14) 1,2-Dichlorobenzene	8.28	146	241312	40.360 ng	99
15) Benzyl Alcohol	8.17	79	211591	41.736 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	312133	35.314 ng	99
17) 2-Methylphenol	8.38	107	215811	45.059 ng	97
18) Hexachloroethane	9.01	117	95366	39.345 ng	97
19) n-Nitroso-di-n-propylamine	8.74	70	184552	38.578 ng	98
20) 3+4-Methylphenols	8.71	107	295349	44.204 ng	99
22) Acetophenone	8.75	105	342113	39.185 ng	# 99
24) Nitrobenzene	9.12	77	260211	40.021 ng	99
25) Isophorone	9.65	82	499844	40.584 ng	99
26) 2-Nitrophenol	9.84	139	139912	45.483 ng	96
27) 2,4-Dimethylphenol	9.91	122	240566	51.952 ng	99
28) bis(2-Chloroethoxy)methane	10.14	93	323502	39.399 ng	100
29) 2,4-Dichlorophenol	10.38	162	247212	44.757 ng	98
30) 1,2,4-Trichlorobenzene	10.59	180	245663	39.667 ng	98
31) Naphthalene	10.78	128	740514	43.574 ng	98
32) Benzoic acid	10.05	122	100819	29.510 ng	93
33) 4-Chloroaniline	10.89	127	182469	22.511 ng	98
34) Hexachlorobutadiene	11.08	225	142130	37.588 ng	98
35) Caprolactam	11.65	113	66298	32.243 ng	94
36) 4-Chloro-3-methylphenol	12.02	107	261432	44.461 ng	99
37) 2-Methylnaphthalene	12.39	142	556451	43.491 ng	96
38) 1-Methylnaphthalene	12.61	142	526477	43.417 ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	260957	38.941 ng	99

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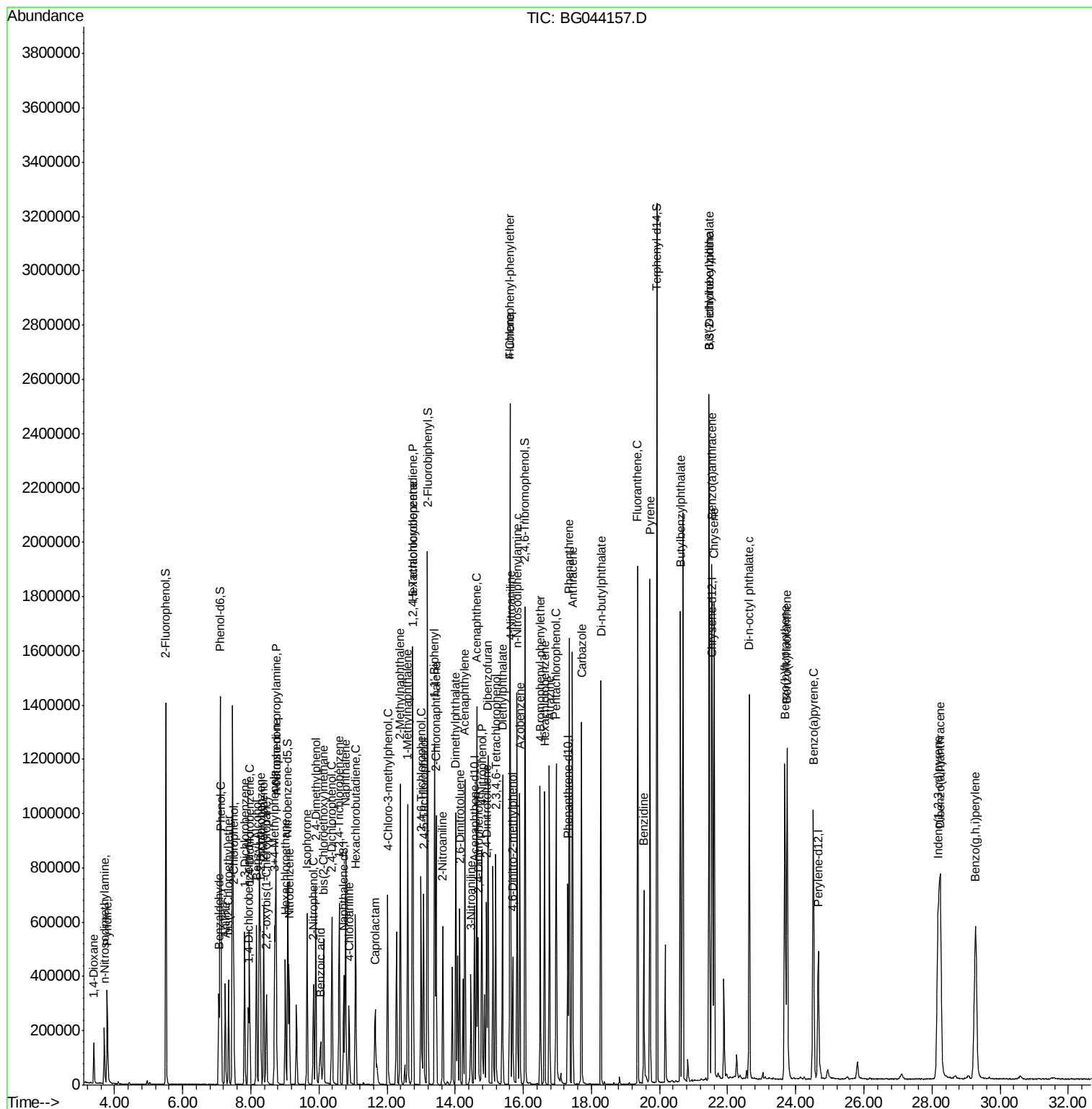
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	348291	100.250	ng	99
43) 2,4,6-Trichlorophenol	13.00	196	192089	41.659	ng	98
44) 2,4,5-Trichlorophenol	13.07	196	203832	42.860	ng	98
46) 1,1'-Biphenyl	13.40	154	690207	42.104	ng	97
47) 2-Chloronaphthalene	13.44	162	535773	40.447	ng	98
48) 2-Nitroaniline	13.64	65	164351	38.571	ng	97
49) Acenaphthylene	14.28	152	854268	44.869	ng	97
50) Dimethylphthalate	14.02	163	672127	41.402	ng	99
51) 2,6-Dinitrotoluene	14.14	165	152462	41.551	ng	94
52) Acenaphthene	14.63	154	533430	39.952	ng	97
53) 3-Nitroaniline	14.47	138	117393	28.174	ng	99
54) 2,4-Dinitrophenol	14.67	184	143001	76.739	ng	96
55) Dibenzofuran	14.96	168	806840	43.897	ng	97
56) 4-Nitrophenol	14.78	139	277815	87.007	ng	94
57) 2,4-Dinitrotoluene	14.92	165	211209	42.303	ng	100
58) Fluorene	15.61	166	634648	43.564	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.19	232	177473	43.398	ng	# 97
60) Diethylphthalate	15.39	149	683795	42.113	ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	328888	41.576	ng	97
62) 4-Nitroaniline	15.63	138	157267	38.220	ng	96
63) Azobenzene	15.90	77	641792	42.621	ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	118487	48.320	ng	99
66) n-Nitrosodiphenylamine	15.82	169	591345	42.220	ng	98
67) 4-Bromophenyl-phenylether	16.50	248	210165	39.288	ng	99
68) Hexachlorobenzene	16.62	284	228015	39.558	ng	98
69) Atrazine	16.77	200	214482	47.110	ng	100
70) Pentachlorophenol	16.96	266	231357	72.813	ng	99
71) Phenanthrene	17.35	178	1000175	43.842	ng	96
72) Anthracene	17.44	178	1020574	45.266	ng	97
73) Carbazole	17.71	167	913702	43.873	ng	96
74) Di-n-butylphthalate	18.28	149	1129462	42.477	ng	96
75) Fluoranthene	19.36	202	1132244	43.397	ng	98
77) Benzidine	19.54	184	479006	47.381	ng	100
78) Pyrene	19.72	202	1133012	43.157	ng	95
80) Butylbenzylphthalate	20.61	149	522548	41.807	ng	97
81) Benzo(a)anthracene	21.54	228	1078523	43.246	ng	96
82) 3,3'-Dichlorobenzidine	21.46	252	301445	30.595	ng	99
83) Chrysene	21.60	228	1041043	43.931	ng	95
84) Bis(2-ethylhexyl)phthalate	21.46	149	736629	42.713	ng	96
85) Di-n-octyl phthalate	22.64	149	1288345	44.436	ng	97
86) Indeno(1,2,3-cd)pyrene	28.18	276	1321991	41.050	ng	100
88) Benzo(b)fluoranthene	23.68	252	1135451	41.578	ng	97
89) Benzo(k)fluoranthene	23.75	252	1118834	43.084	ng	97
90) Benzo(a)pyrene	24.52	252	1055683	40.958	ng	97
91) Dibenzo(a,h)anthracene	28.24	278	1099421	42.473	ng	97
92) Benzo(g,h,i)perylene	29.28	276	1114230	43.335	ng	97

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

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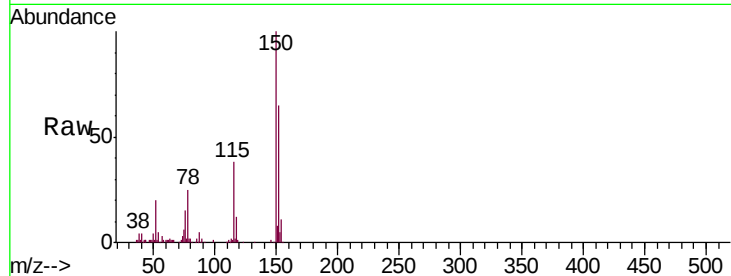


#1

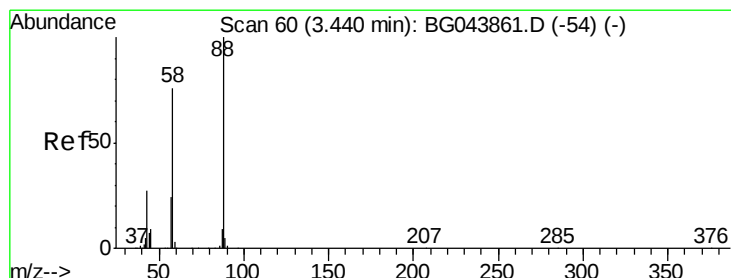
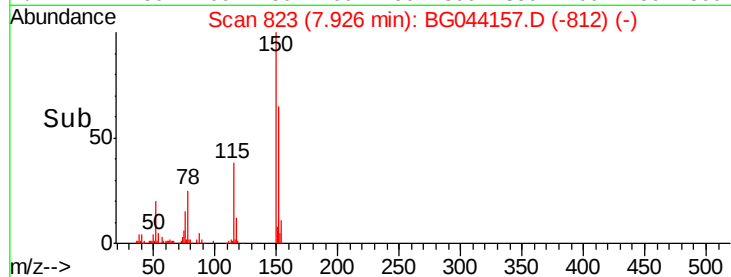
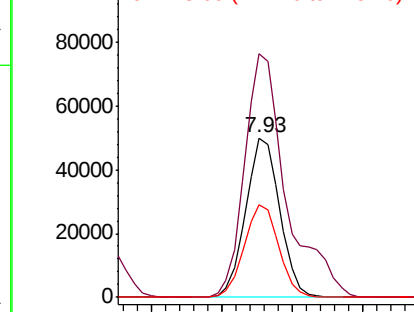
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 823
 Delta R.T. -0.04 min
 Lab File: BG044157.D
 Acq: 22 Jan 2020 14:23

Instrument :
 BNA_G
 ClientSampleId :
 PB126265BS

Tgt Ion:152 Resp: 84379
 Ion Ratio Lower Upper
 152 100
 150 152.9 127.0 190.4
 115 58.0 47.8 71.8



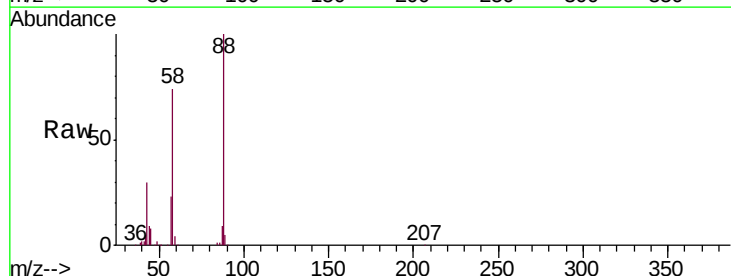
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



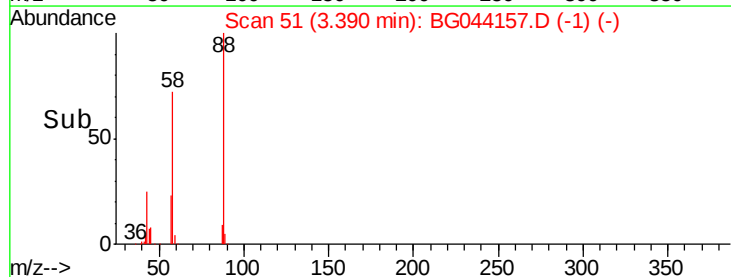
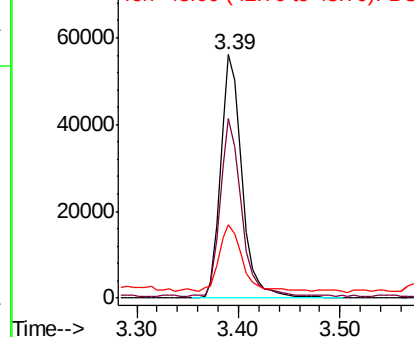
#2

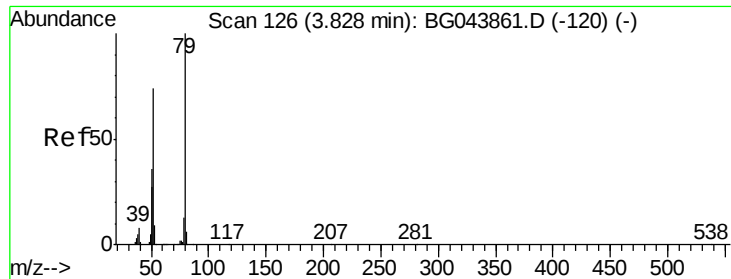
1,4-Dioxane
 Concen: 40.802 ng
 RT: 3.39 min Scan# 51
 Delta R.T. -0.05 min
 Lab File: BG044157.D
 Acq: 22 Jan 2020 14:23

Tgt Ion: 88 Resp: 81756
 Ion Ratio Lower Upper
 88 100
 58 72.4 59.8 89.8
 43 30.6 22.9 34.3



Abundance Ion 88.00 (87.70 to 88.70): BGC
 Ion 58.00 (57.70 to 58.70): BGC
 Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 33.927 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.04 min

Lab File: BG044157.D

Acq: 22 Jan 2020 14:23

Instrument :

BNA_G

ClientSampleId :

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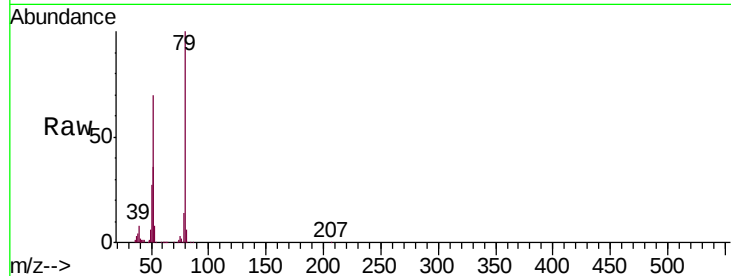
Tgt Ion: 79 Resp: 200827

Ion Ratio Lower Upper

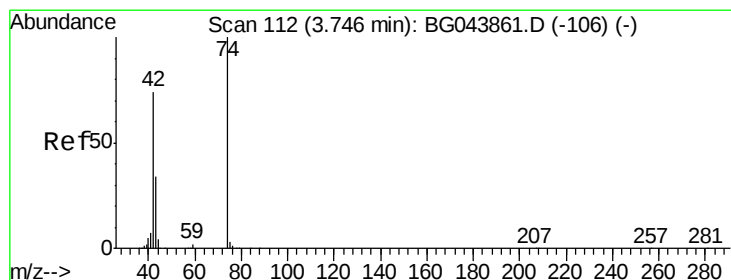
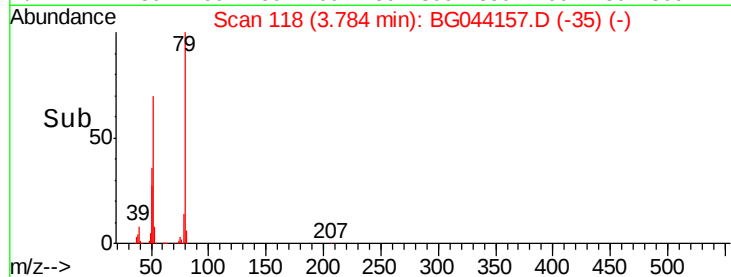
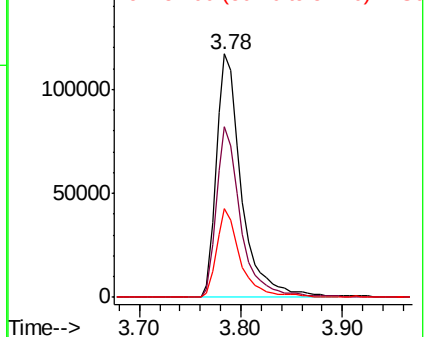
79 100

52 70.0 58.9 88.3

51 36.3 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: 38.795 ng

RT: 3.70 min Scan# 104

Delta R.T. -0.04 min

Lab File: BG044157.D

Acq: 22 Jan 2020 14:23

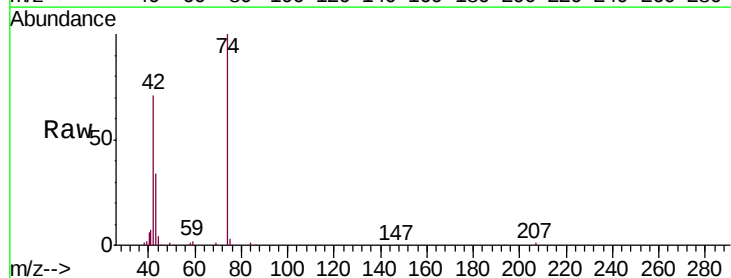
Tgt Ion: 42 Resp: 102241

Ion Ratio Lower Upper

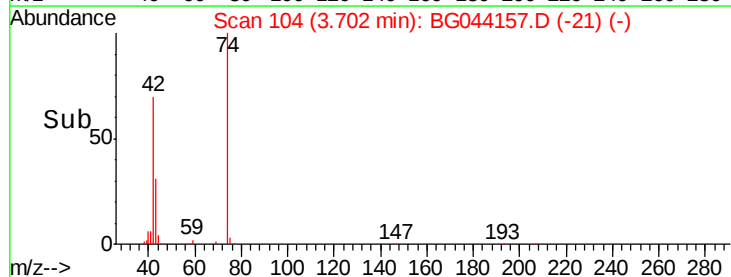
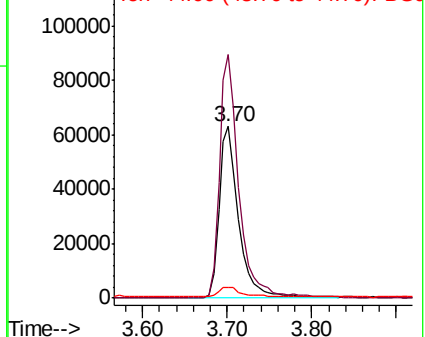
42 100

74 141.7 108.6 162.8

44 6.3 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: 146.367 ng

RT: 5.51 min Scan# 411

Delta R.T. -0.03 min

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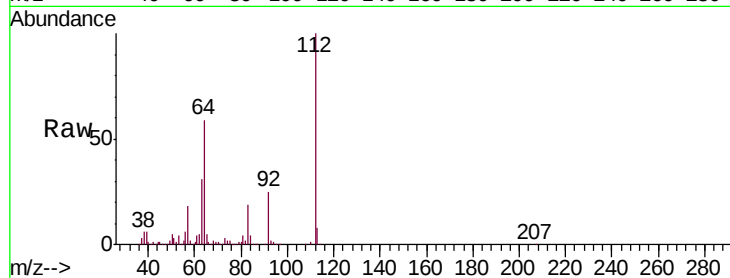
Tgt Ion: 112 Resp: 672628

Ion Ratio Lower Upper

112 100

64 59.4 47.8 71.6

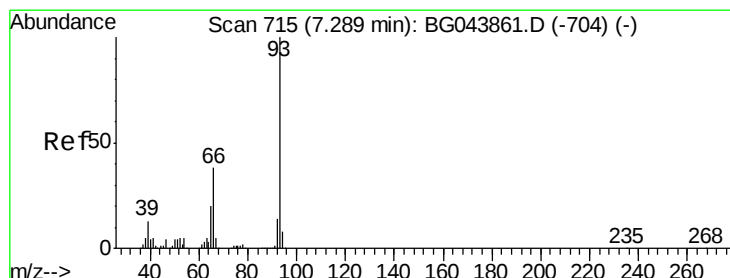
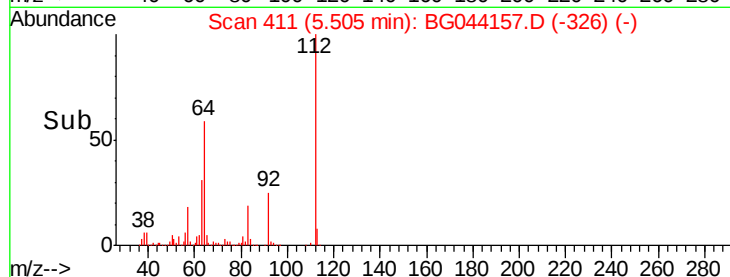
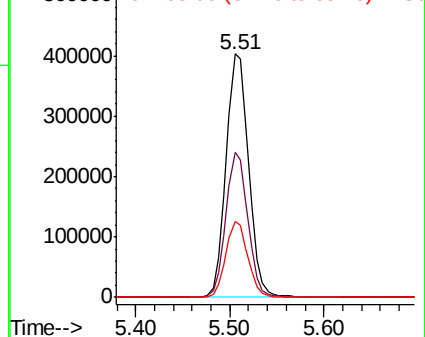
63 30.9 24.3 36.5



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: 30.208 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.04 min

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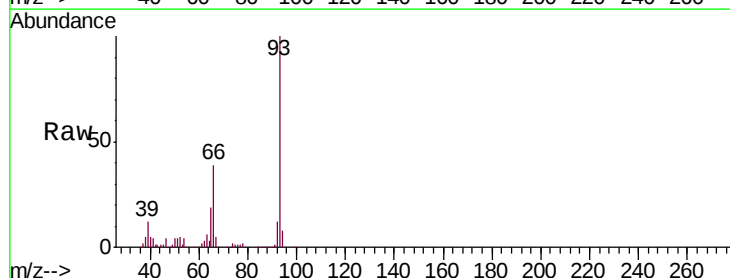
Tgt Ion: 93 Resp: 254869

Ion Ratio Lower Upper

93 100

66 39.0 30.8 46.2

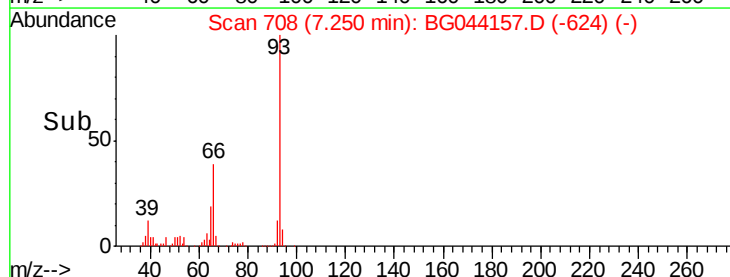
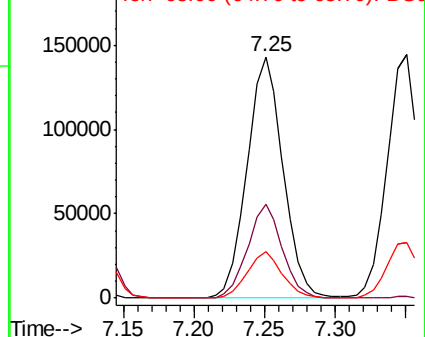
65 19.2 16.0 24.0

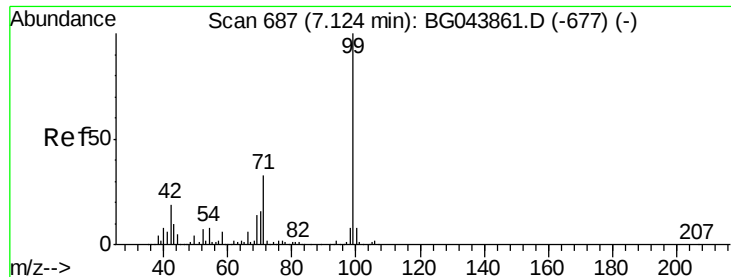


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 138.833 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

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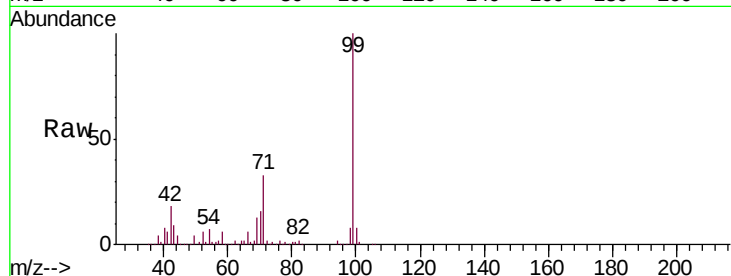
Tgt Ion: 99 Resp: 891821

Ion Ratio Lower Upper

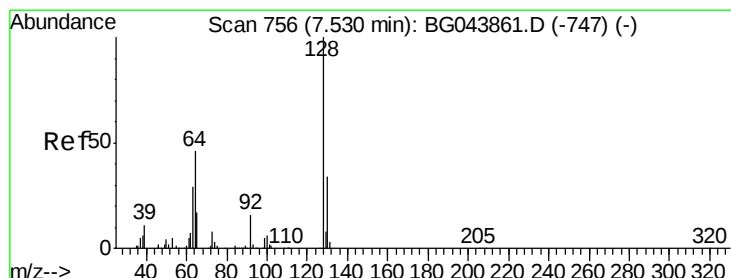
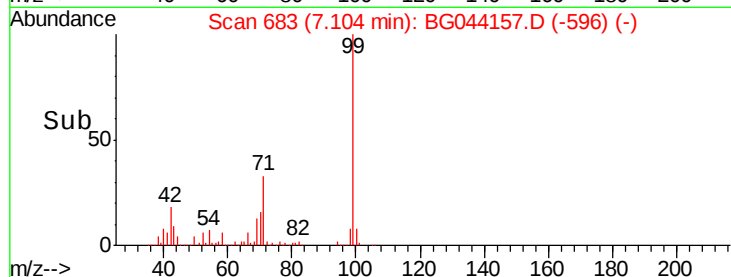
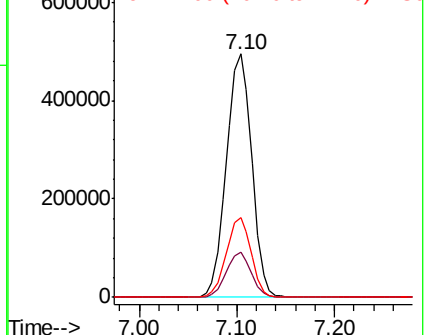
99 100

42 18.3 14.9 22.3

71 32.9 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: 46.284 ng

RT: 7.50 min Scan# 750

Delta R.T. -0.03 min

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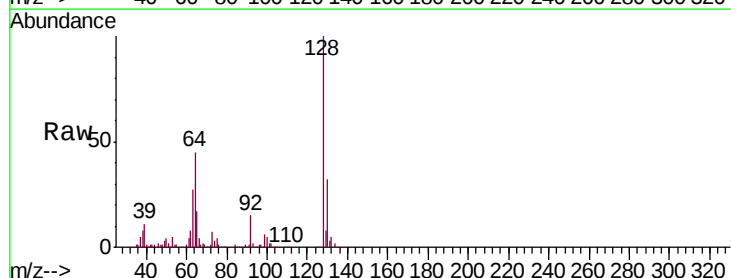
Tgt Ion: 128 Resp: 249702

Ion Ratio Lower Upper

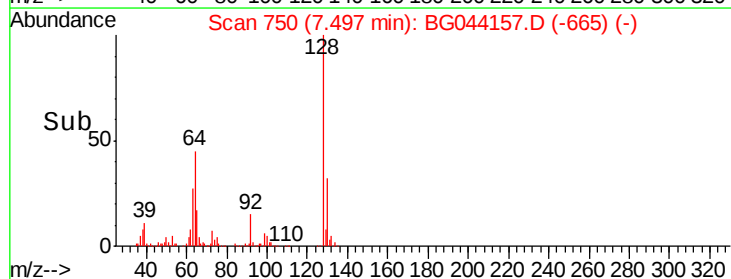
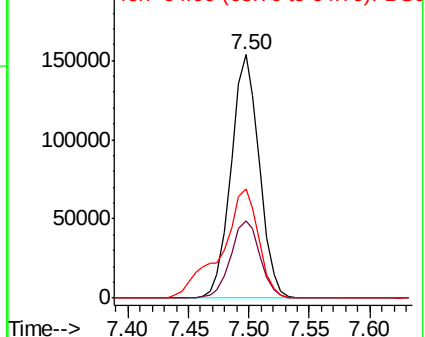
128 100

130 31.8 13.8 53.8

64 45.0 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: 31.013 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.03 min

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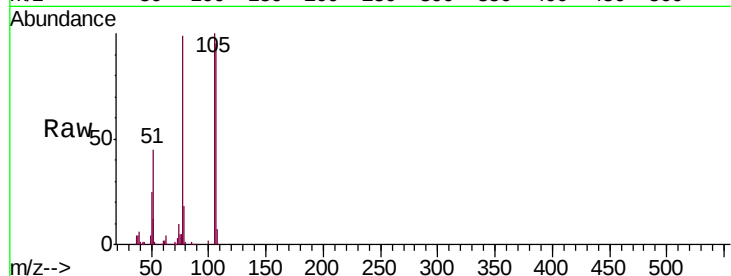
Tgt Ion: 77 Resp: 127502

Ion Ratio Lower Upper

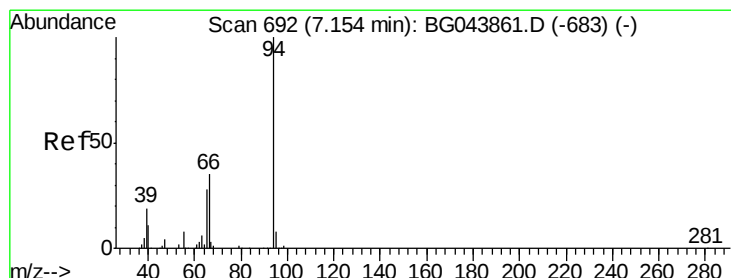
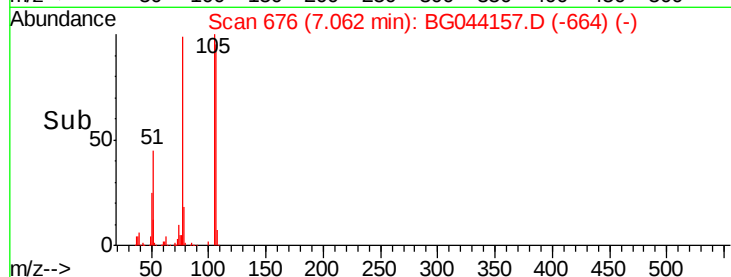
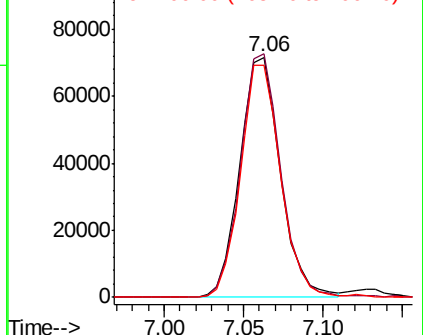
77 100

105 101.4 80.2 120.2

106 96.6 77.2 117.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 46.590 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.03 min

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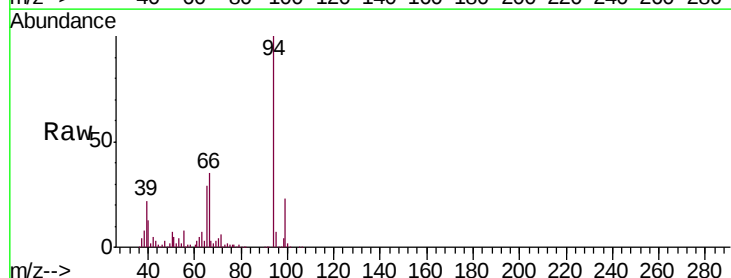
Tgt Ion: 94 Resp: 308355

Ion Ratio Lower Upper

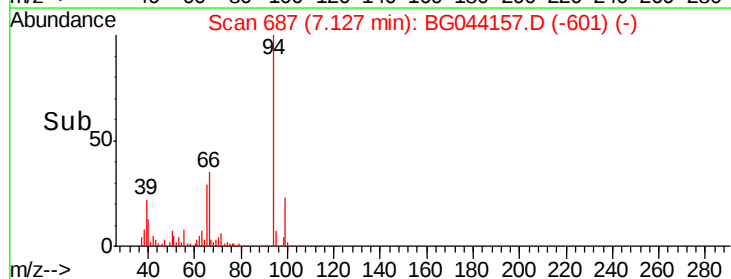
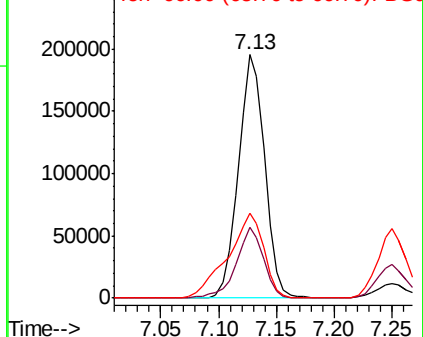
94 100

65 28.9 8.1 48.1

66 34.6 15.6 55.6



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

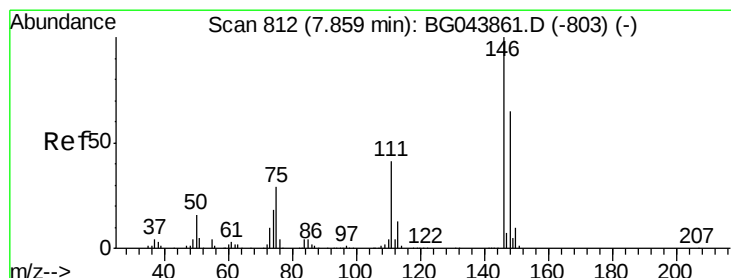
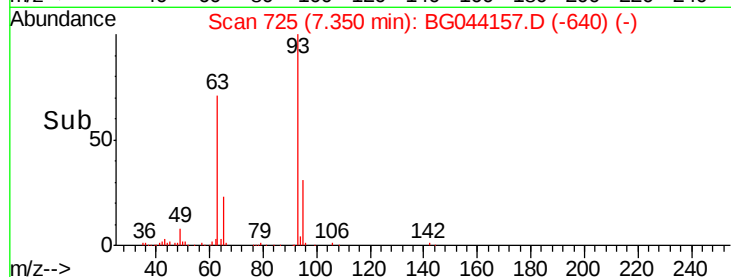
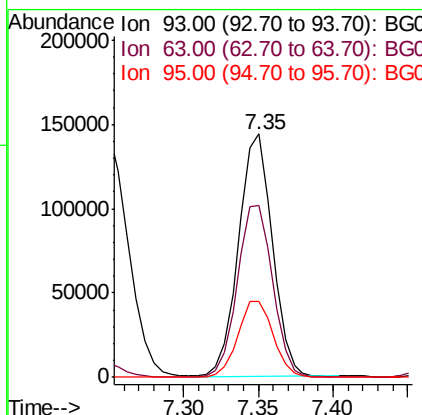
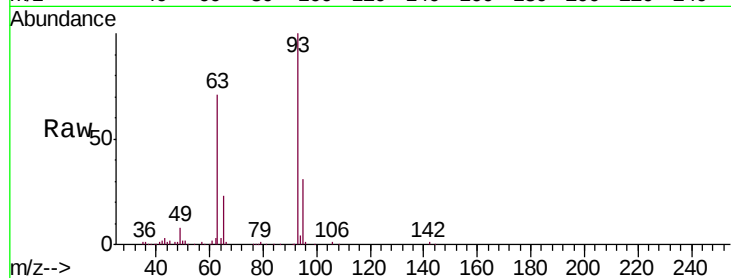




#11
bis(2-Chloroethyl)ether
Concen: 39.696 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.03 min
Lab File: BG044157.D
Acq: 22 Jan 2020 14:23

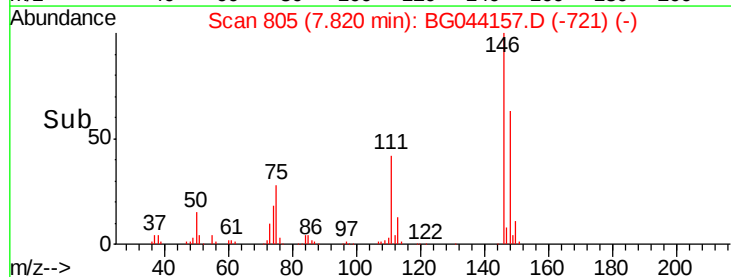
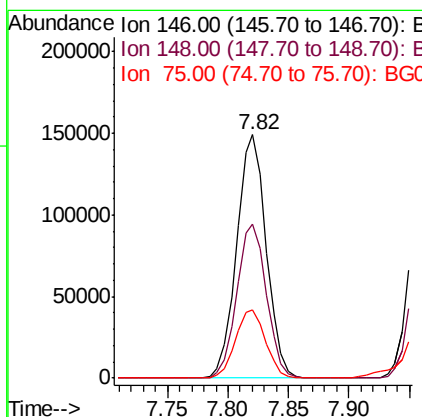
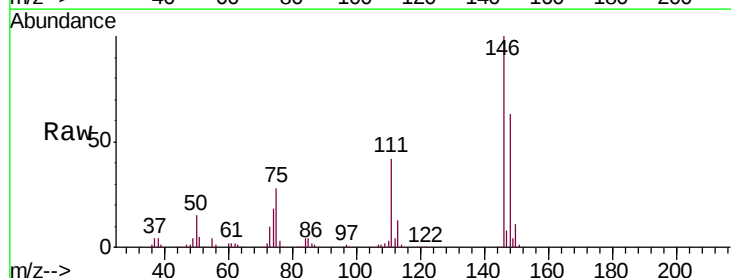
Instrument :
BNA_G
ClientSampleId :
PB126265BS

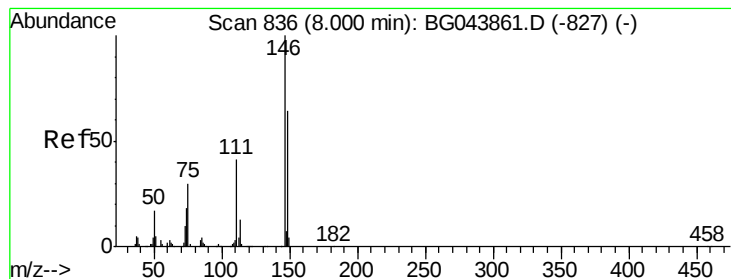
Tgt Ion	Ratio	Lower	Upper
93	100		
63	70.9	55.0	95.0
95	31.4	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 40.218 ng
RT: 7.82 min Scan# 805
Delta R.T. -0.04 min
Lab File: BG044157.D
Acq: 22 Jan 2020 14:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.1	78.1
75	28.1	23.0	34.4





#13

1,4-Dichlorobenzene

Concen: 40.677 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.04 min

Lab File: BG044157.D

Acq: 22 Jan 2020 14:23

Instrument :

BNA_G

ClientSampleId :

PB126265BS

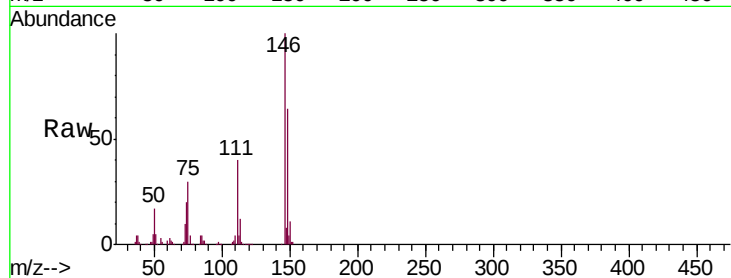
Tgt Ion:146 Resp: 253388

Ion Ratio Lower Upper

146 100

148 64.1 51.2 76.8

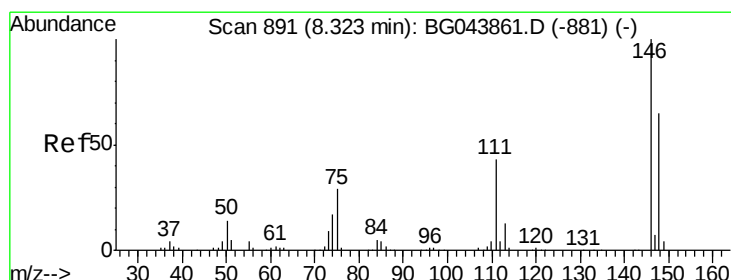
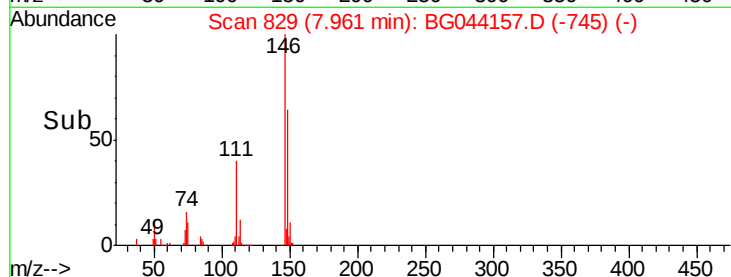
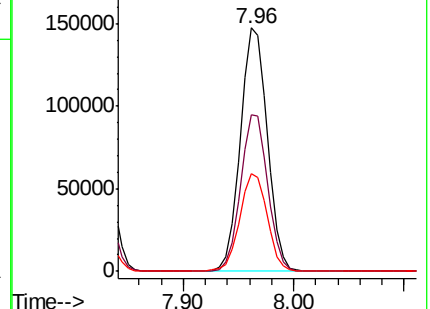
111 39.9 33.1 49.7



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: 40.360 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.04 min

Lab File: BG044157.D

Acq: 22 Jan 2020 14:23

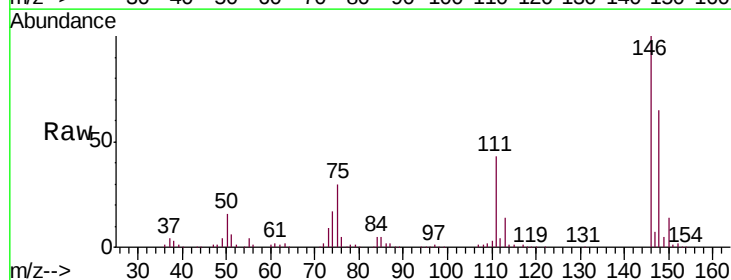
Tgt Ion:146 Resp: 241312

Ion Ratio Lower Upper

146 100

148 65.0 51.7 77.5

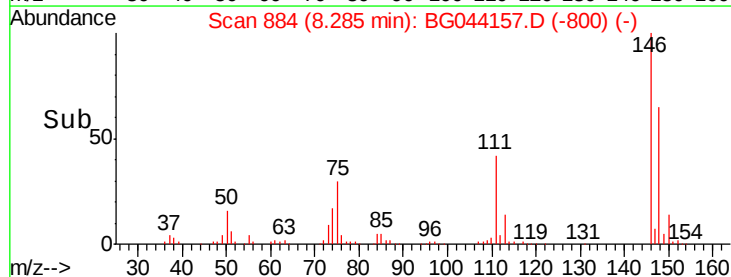
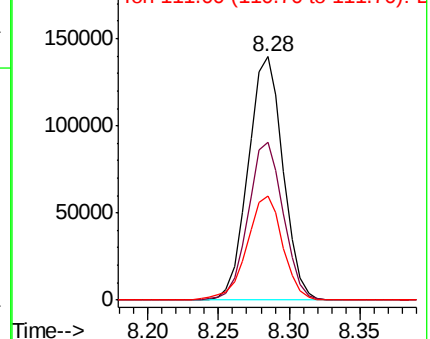
111 42.6 34.4 51.6



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: 41.736 ng

RT: 8.17 min Scan# 864

Delta R.T. -0.03 min

Lab File: BG044157.D

Acq: 22 Jan 2020 14:23

Instrument :

BNA_G

ClientSampleId :

PB126265BS

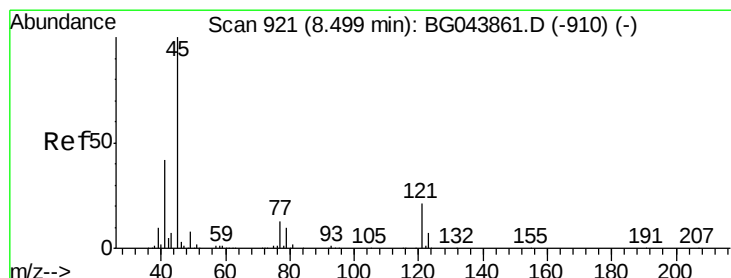
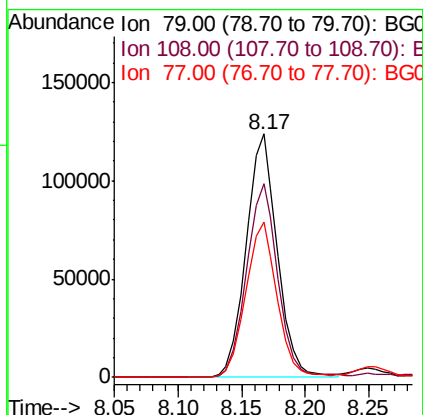
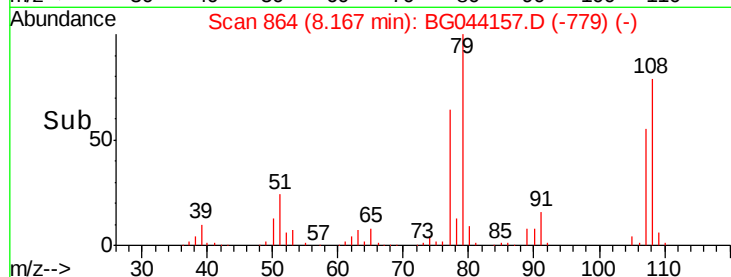
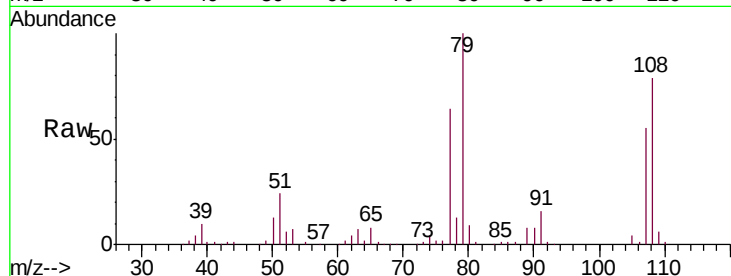
Tgt Ion: 79 Resp: 211591

Ion Ratio Lower Upper

79 100

108 79.4 65.6 98.4

77 64.0 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.314 ng

RT: 8.45 min Scan# 913

Delta R.T. -0.04 min

Lab File: BG044157.D

Acq: 22 Jan 2020 14:23

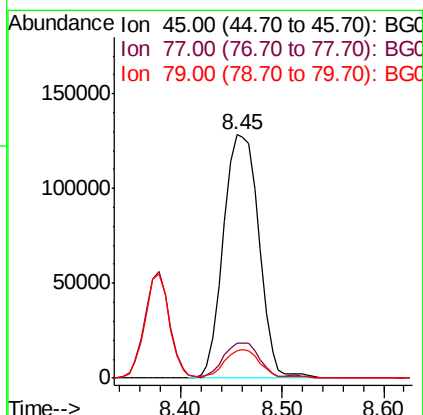
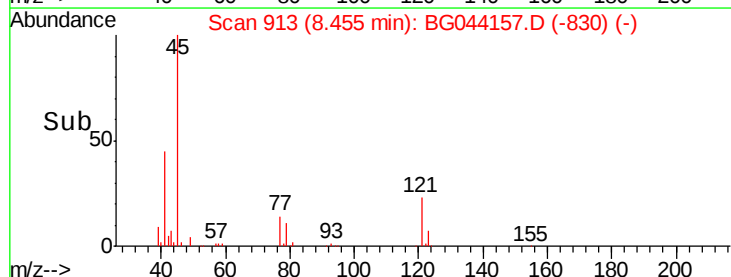
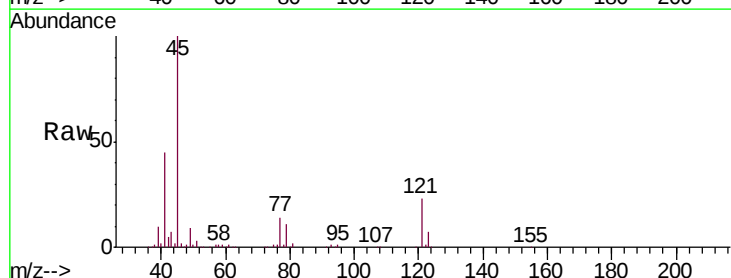
Tgt Ion: 45 Resp: 312133

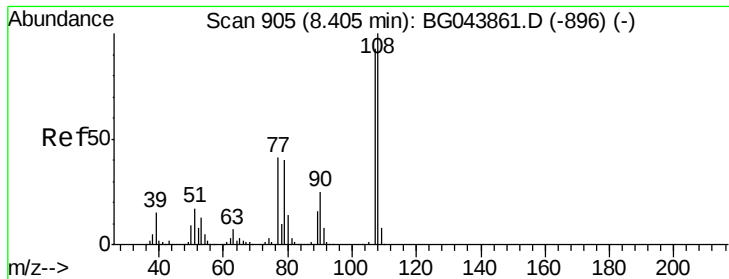
Ion Ratio Lower Upper

45 100

77 14.3 0.0 33.8

79 11.2 0.0 31.0

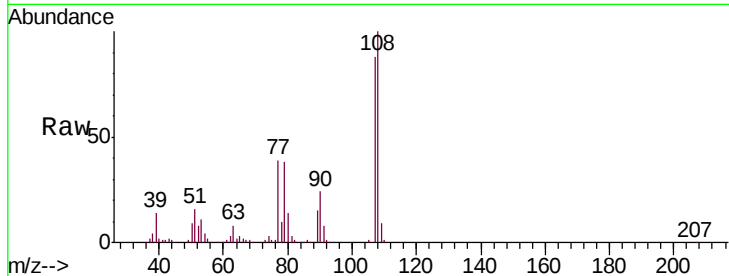




#17
2-Methylphenol
Concen: 45.059 ng
RT: 8.38 min Scan# 900
Delta R.T. -0.03 min
Lab File: BG044157.D
Acq: 22 Jan 2020 14:23

Instrument :
BNA_G
ClientSampleId :
PB126265BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.2	86.1	129.1
77	44.3	35.4	53.0
79	43.0	34.8	52.2



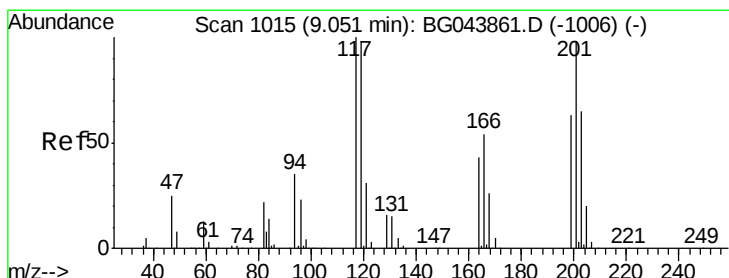
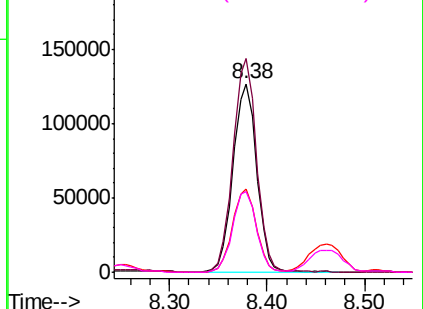
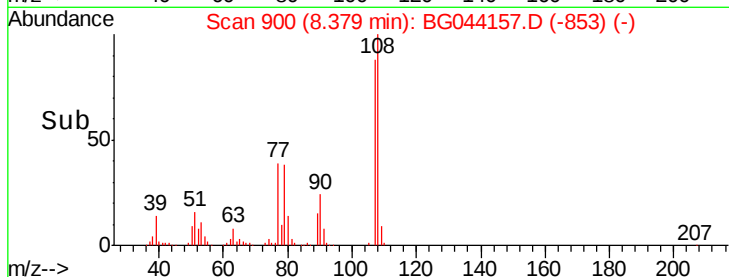
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

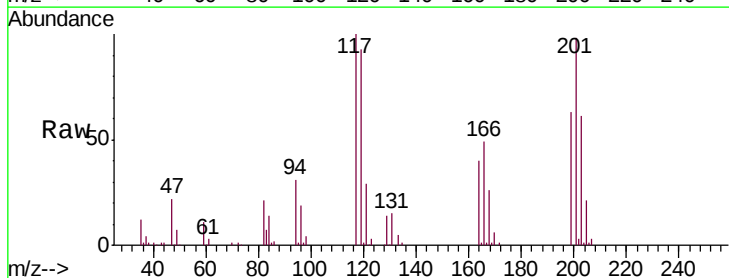
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 39.345 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.04 min
Lab File: BG044157.D
Acq: 22 Jan 2020 14:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	78.1	117.1
201	98.5	78.6	117.8

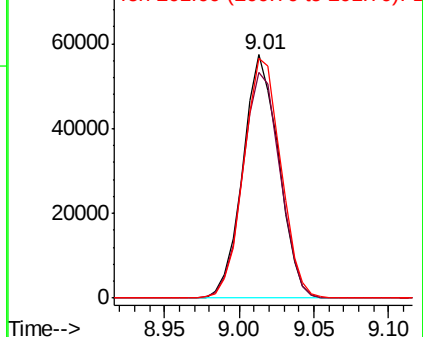
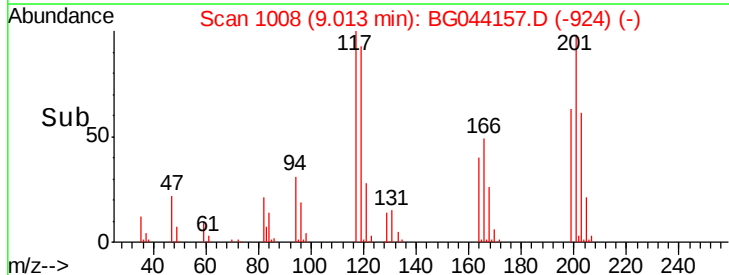


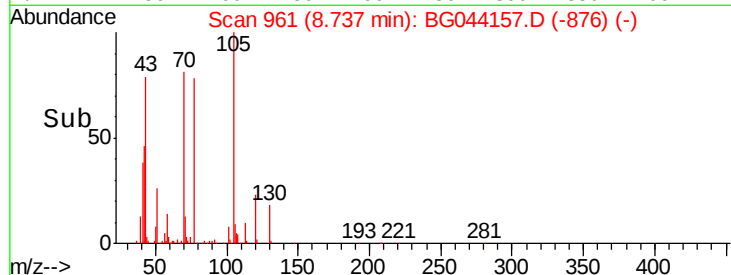
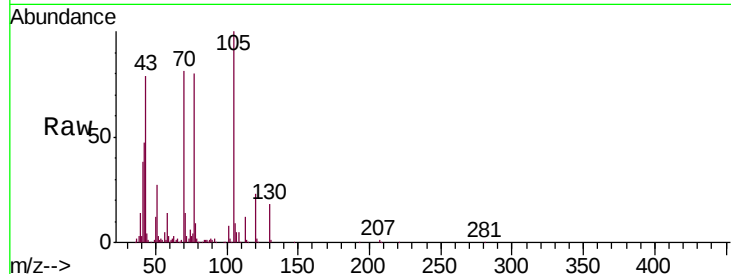
Abundance

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

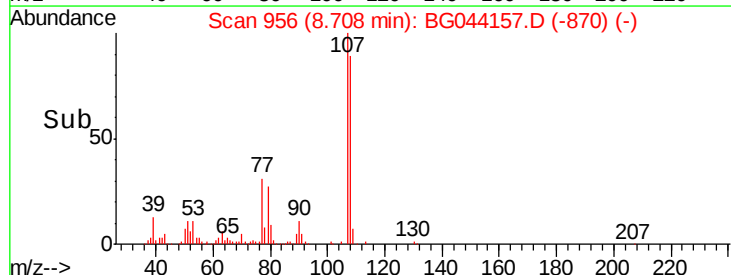
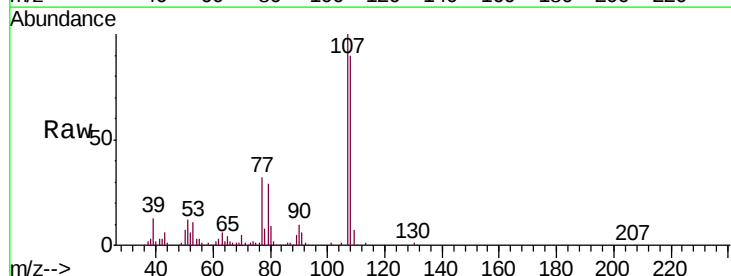
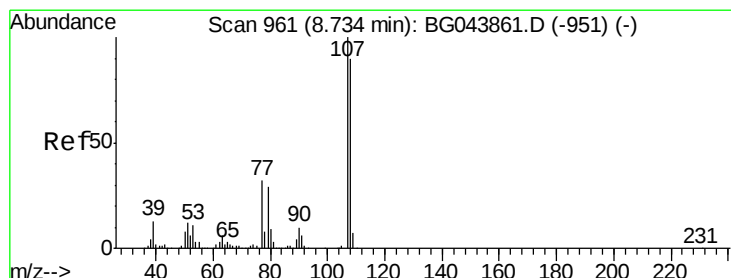
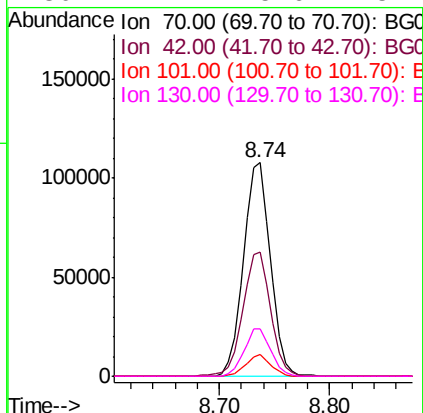




#19
n-Nitroso-di-n-propylamine
Concen: 38.578 ng
RT: 8.74 min Scan# 961
Delta R.T. -0.03 min
Lab File: BG044157.D
Acq: 22 Jan 2020 14:23

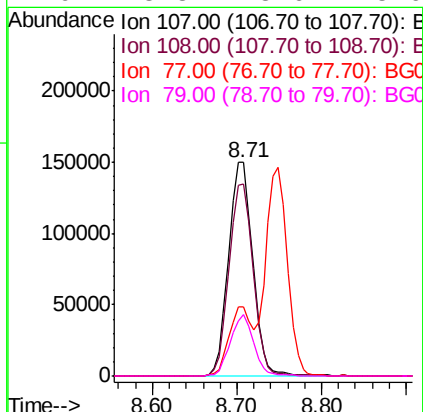
Instrument :
BNA_G
ClientSampleId :
PB126265BS

Tgt Ion:	70	Resp:	184552
Ion	Ratio	Lower	Upper
70	100		
42	58.4	47.0	70.4
101	10.1	7.2	10.8
130	22.2	15.6	23.4



#20
3+4-Methylphenols
Concen: 44.204 ng
RT: 8.71 min Scan# 956
Delta R.T. -0.03 min
Lab File: BG044157.D
Acq: 22 Jan 2020 14:23

Tgt Ion:	107	Resp:	295349
Ion	Ratio	Lower	Upper
107	100		
108	89.6	70.3	110.3
77	32.3	12.4	52.4
79	28.8	8.6	48.6

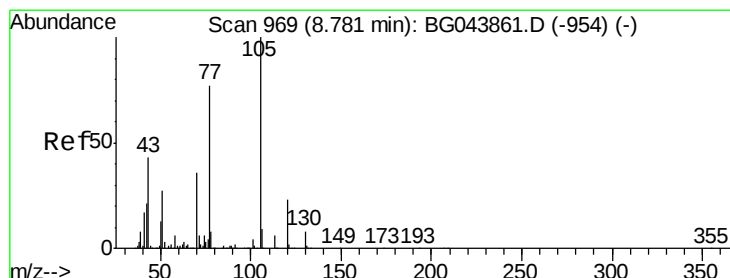
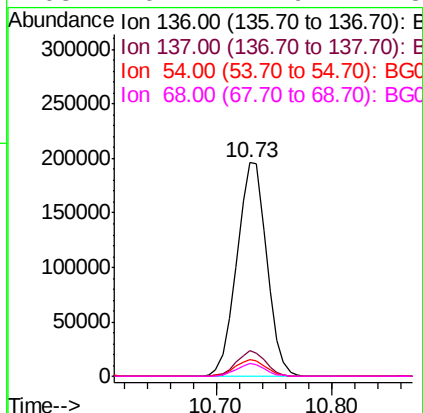
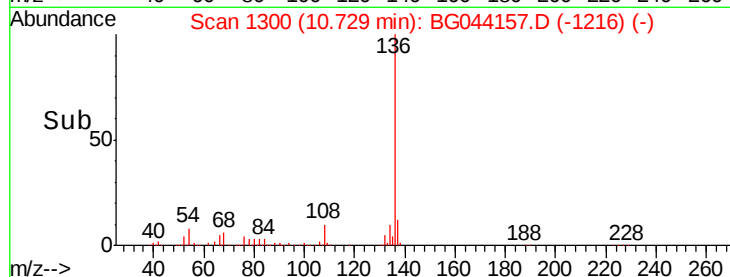
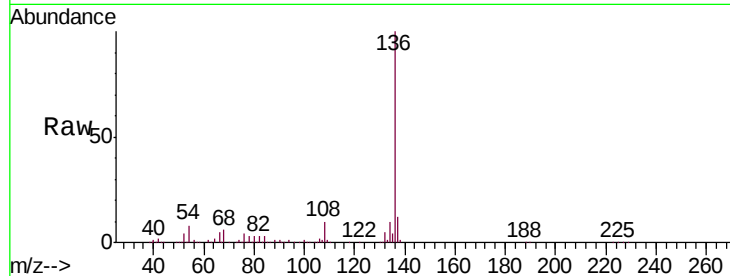




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.04 min
Lab File: BG044157.D
Acq: 22 Jan 2020 14:23

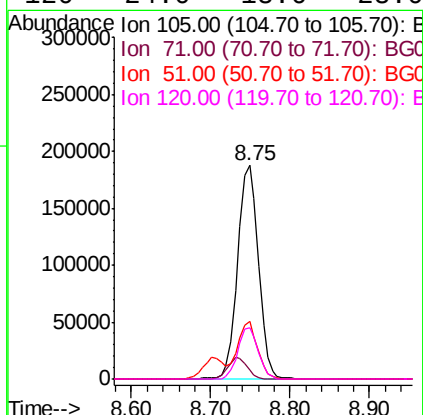
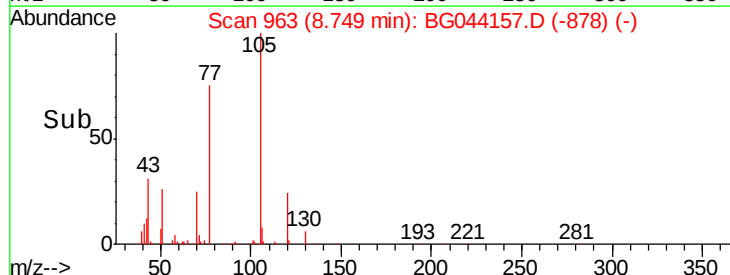
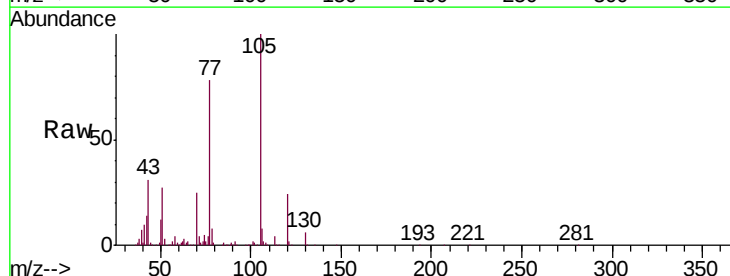
Instrument :
BNA_G
ClientSampleId :
PB126265BS

Tgt Ion:	136	Resp:	351187
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.8	13.2
54	7.7	7.0	10.4
68	6.1	4.9	7.3



#22
Acetophenone
Concen: 39.185 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.03 min
Lab File: BG044157.D
Acq: 22 Jan 2020 14:23

Tgt Ion:	105	Resp:	342113
Ion	Ratio	Lower	Upper
105	100		
71	4.0	4.8	7.2#
51	26.7	21.4	32.0
120	24.0	18.6	28.0





#23

Nitrobenzene-d5

Concen: 71.419 ng

RT: 9.08 min Scan# 1020

Delta R.T. -0.04 min

Lab File: BG044157.D

Acq: 22 Jan 2020 14:23

Instrument :

BNA_G

ClientSampleId :

PB126265BS

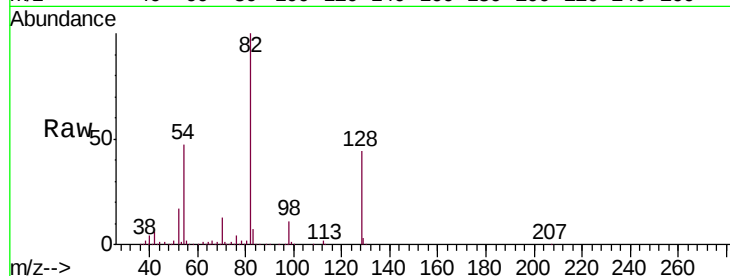
Tgt Ion: 82 Resp: 468846

Ion Ratio Lower Upper

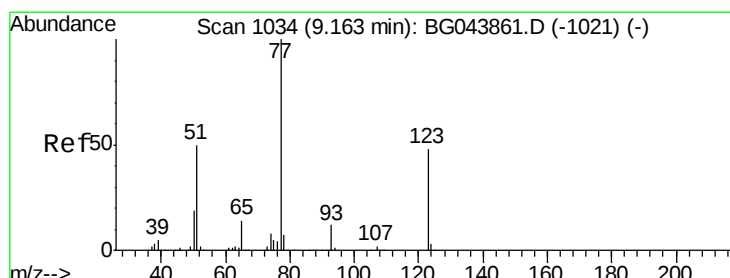
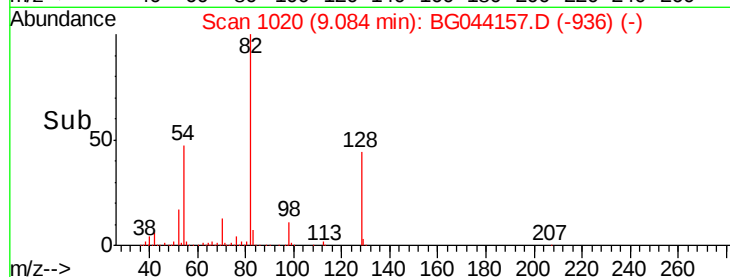
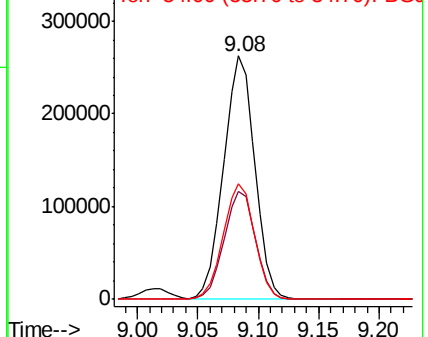
82 100

128 44.3 35.1 52.7

54 47.3 40.1 60.1



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



#24

Nitrobenzene

Concen: 40.021 ng

RT: 9.12 min Scan# 1027

Delta R.T. -0.04 min

Lab File: BG044157.D

Acq: 22 Jan 2020 14:23

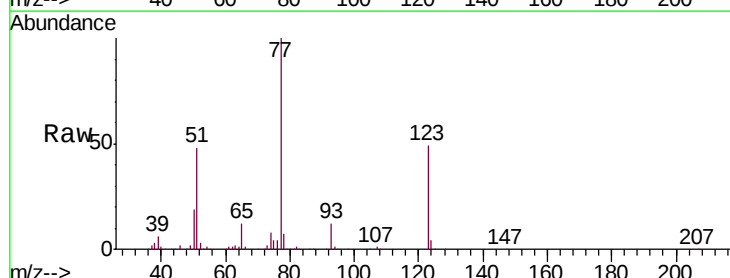
Tgt Ion: 77 Resp: 260211

Ion Ratio Lower Upper

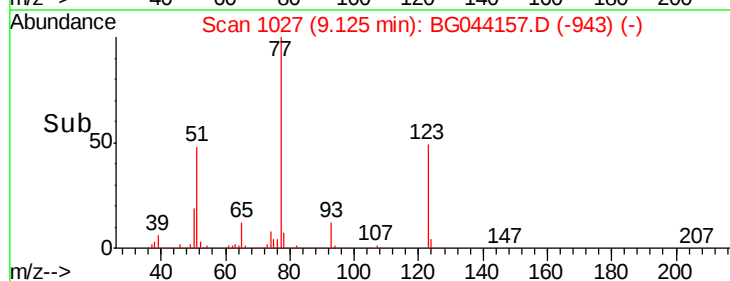
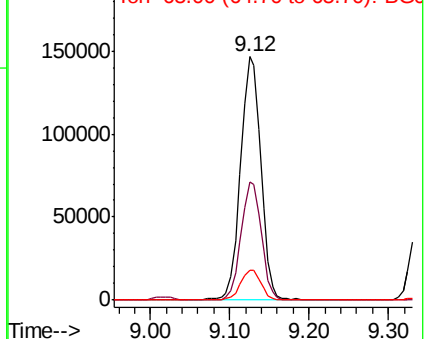
77 100

123 48.8 38.7 58.1

65 12.5 11.1 16.7



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

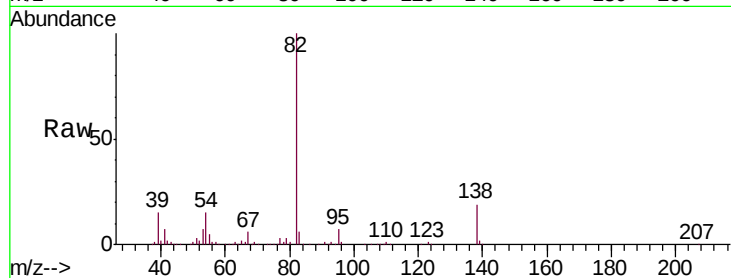




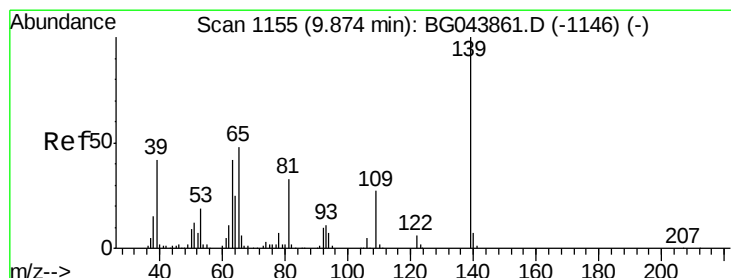
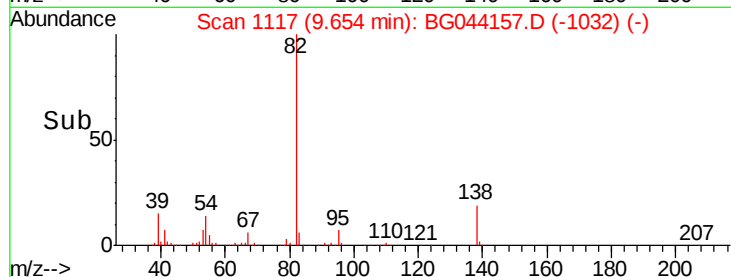
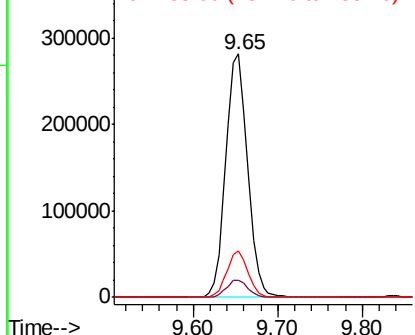
#25
Isophorone
Concen: 40.584 ng
RT: 9.65 min Scan# 1117
Delta R.T. -0.03 min
Lab File: BG044157.D
Acq: 22 Jan 2020 14:23

Instrument :
BNA_G
ClientSampleId :
PB126265BS

Tgt Ion: 82 Resp: 499844
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.6
138 19.1 14.6 22.0

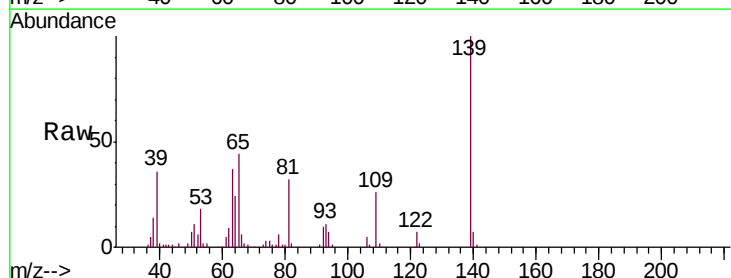


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

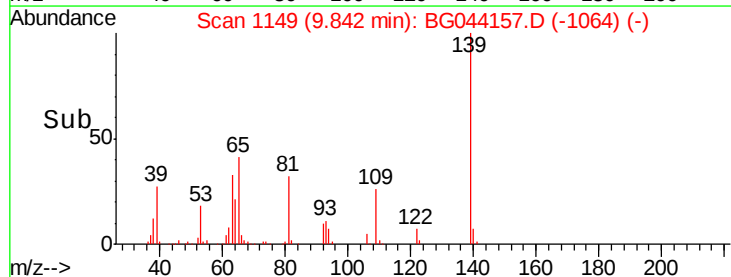
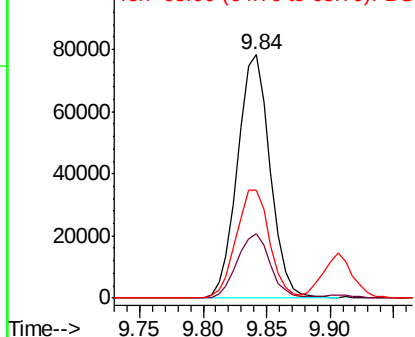


#26
2-Nitrophenol
Concen: 45.483 ng
RT: 9.84 min Scan# 1149
Delta R.T. -0.03 min
Lab File: BG044157.D
Acq: 22 Jan 2020 14:23

Tgt Ion: 139 Resp: 139912
Ion Ratio Lower Upper
139 100
109 26.3 21.3 31.9
65 44.3 38.6 57.8



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

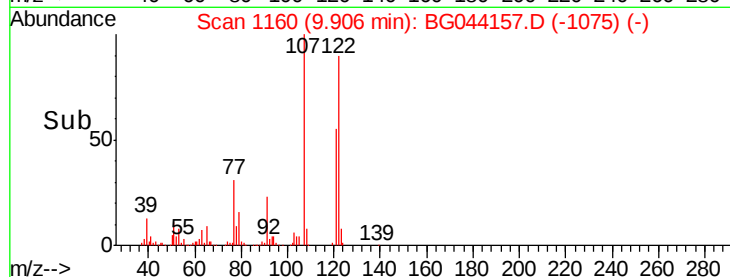
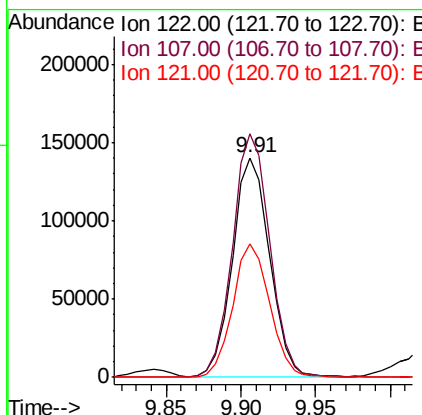
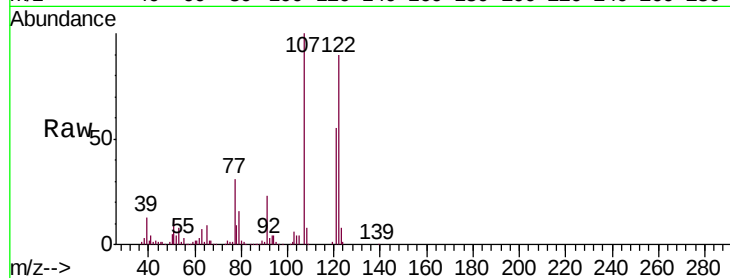




#27
 2,4-Dimethylphenol
 Concen: 51.952 ng
 RT: 9.91 min Scan# 1160
 Delta R.T. -0.03 min
 Lab File: BG044157.D
 Acq: 22 Jan 2020 14:23

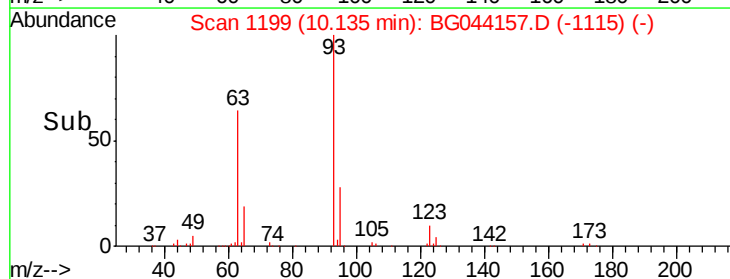
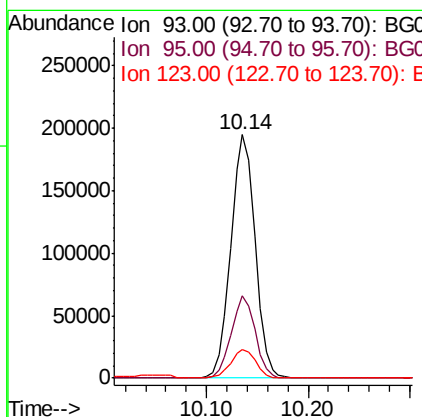
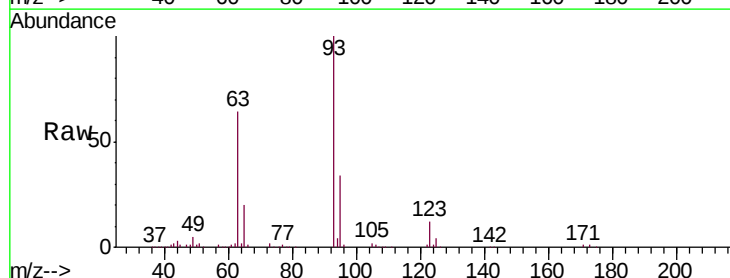
Instrument :
 BNA_G
 ClientSampleId :
 PB126265BS

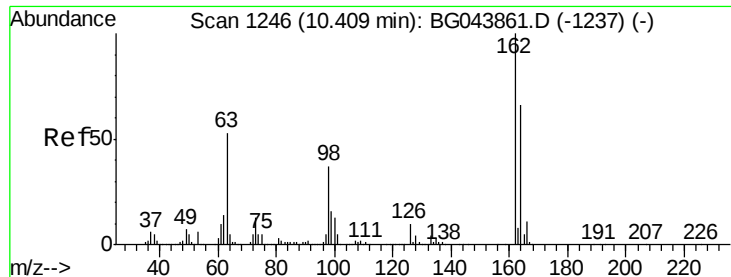
Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.9	88.0	132.0
121	60.6	49.0	73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.399 ng
 RT: 10.14 min Scan# 1199
 Delta R.T. -0.04 min
 Lab File: BG044157.D
 Acq: 22 Jan 2020 14:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.0	27.2	40.8
123	11.6	9.7	14.5

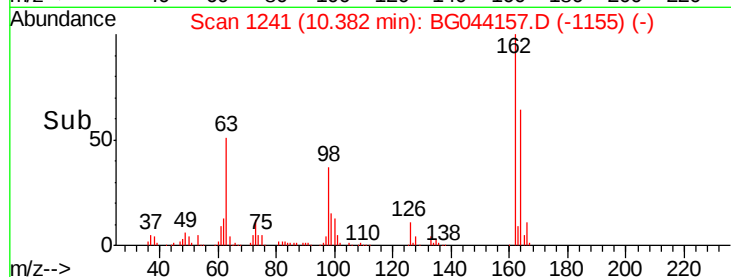
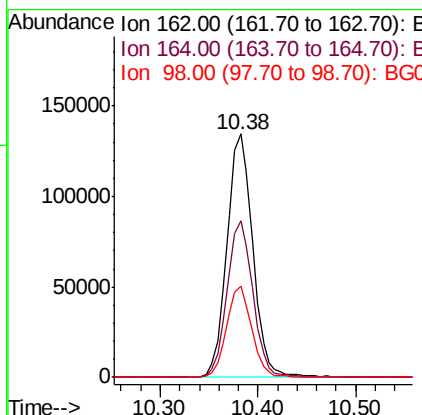
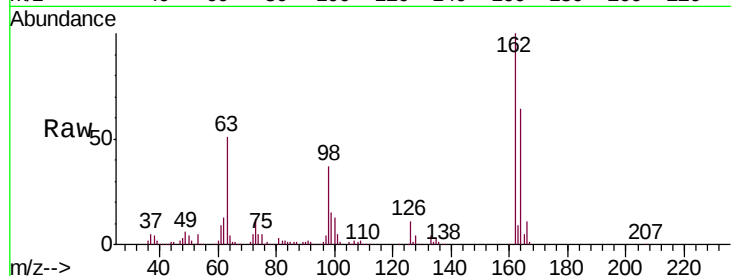




#29
2,4-Dichlorophenol
Concen: 44.757 ng
RT: 10.38 min Scan# 1241
Delta R.T. -0.03 min
Lab File: BG044157.D
Acq: 22 Jan 2020 14:23

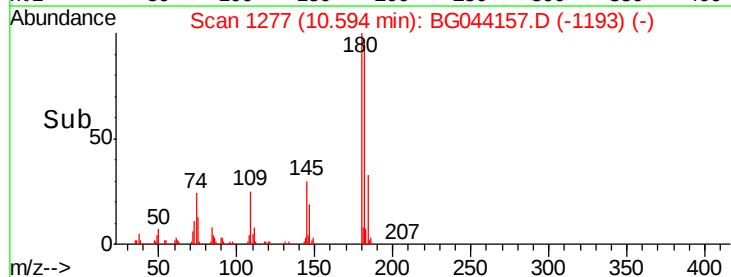
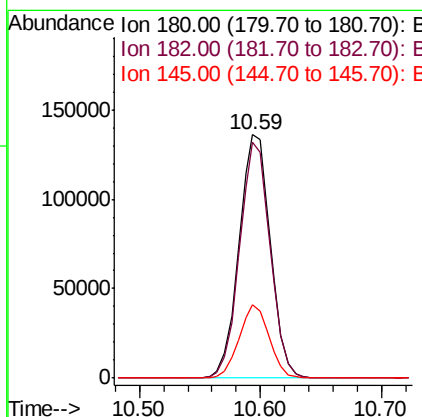
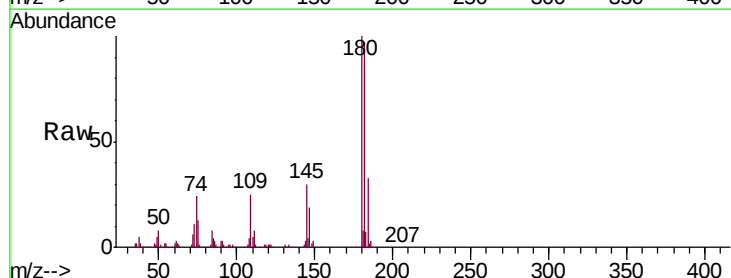
Instrument :
BNA_G
ClientSampleId :
PB126265BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.3	46.3	86.3
98	37.4	17.3	57.3



#30
1,2,4-Trichlorobenzene
Concen: 39.667 ng
RT: 10.59 min Scan# 1277
Delta R.T. -0.04 min
Lab File: BG044157.D
Acq: 22 Jan 2020 14:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	75.0	112.4
145	30.3	24.2	36.4

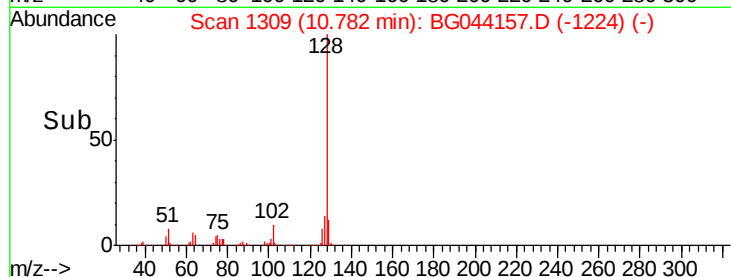
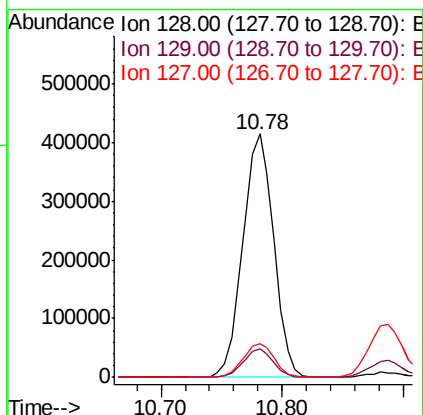
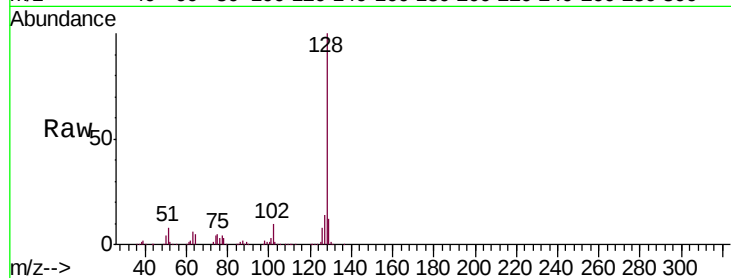




#31
Naphthalene
Concen: 43.574 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.03 min
Lab File: BG044157.D
Acq: 22 Jan 2020 14:23

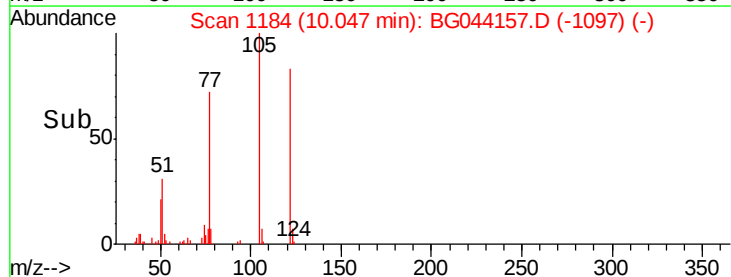
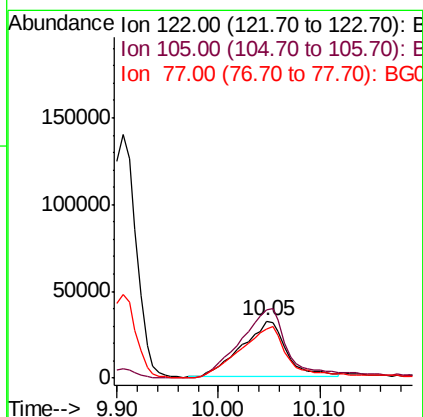
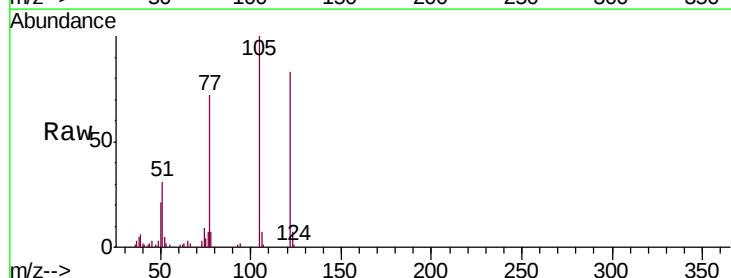
Instrument :
BNA_G
ClientSampleId :
PB126265BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.8	14.6
127	13.9	12.0	18.0



#32
Benzoic acid
Concen: 29.510 ng
RT: 10.05 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BG044157.D
Acq: 22 Jan 2020 14:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.0	106.4	146.4
77	86.3	74.6	114.6

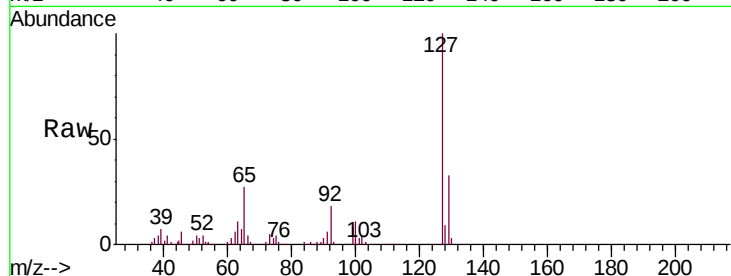




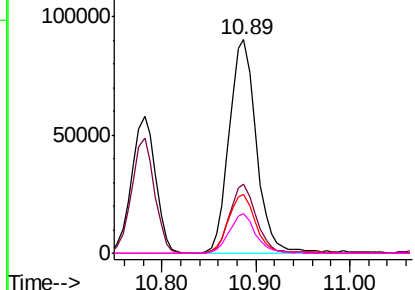
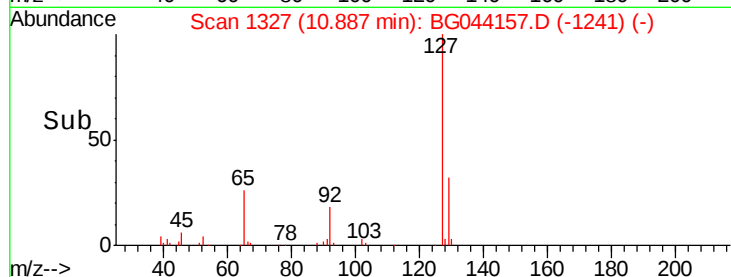
#33
4-Chloroaniline
Concen: 22.511 ng
RT: 10.89 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BG044157.D
Acq: 22 Jan 2020 14:23

Instrument :
BNA_G
ClientSampleId :
PB126265BS

Tgt Ion:	127	Resp:	182469
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.6	40.0
65	27.4	23.3	34.9
92	18.3	14.7	22.1

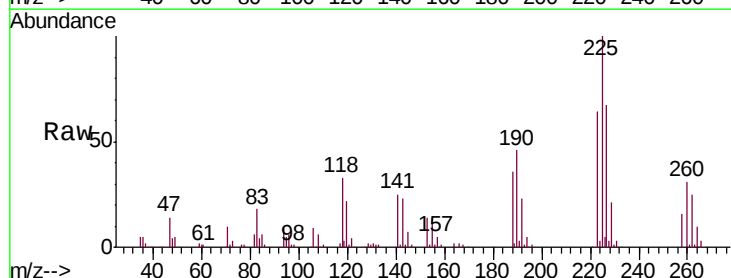


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

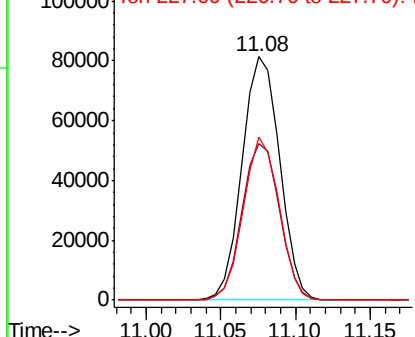
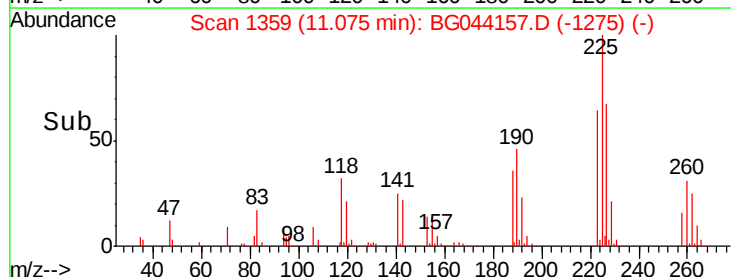


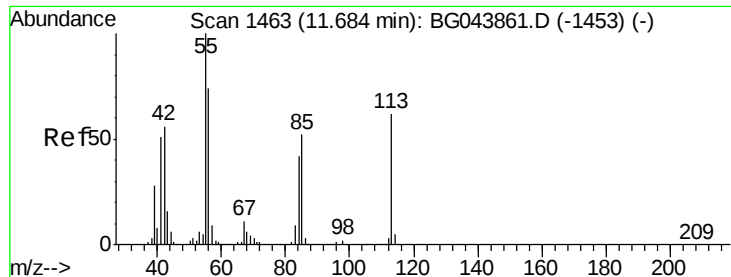
#34
Hexachlorobutadiene
Concen: 37.588 ng
RT: 11.08 min Scan# 1359
Delta R.T. -0.04 min
Lab File: BG044157.D
Acq: 22 Jan 2020 14:23

Tgt Ion:	225	Resp:	142130
Ion	Ratio	Lower	Upper
225	100		
223	64.2	52.2	78.4
227	67.1	52.1	78.1



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





#35

Caprolactam

Concen: 32.243 ng

RT: 11.65 min Scan# 1457

Delta R.T. -0.03 min

Lab File: BG044157.D

Acq: 22 Jan 2020 14:23

Instrument :

BNA_G

ClientSampleId :

PB126265BS

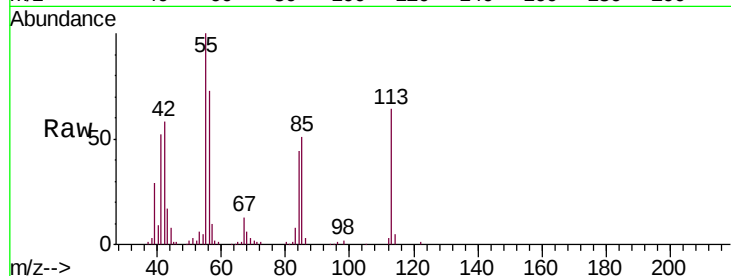
Tgt Ion:113 Resp: 66298

Ion Ratio Lower Upper

113 100

55 156.0 142.5 182.5

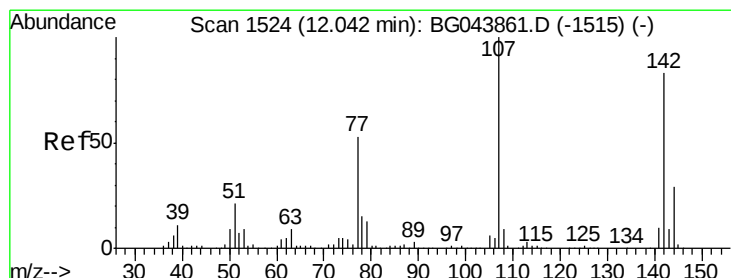
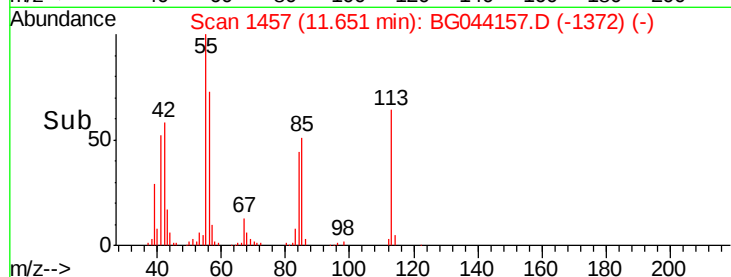
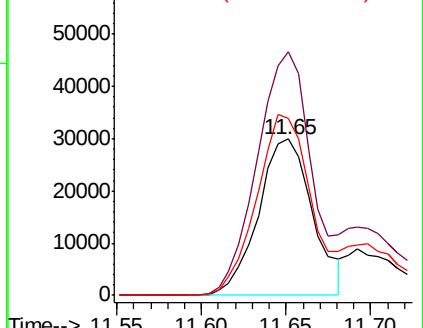
56 113.2 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 44.461 ng

RT: 12.02 min Scan# 1519

Delta R.T. -0.03 min

Lab File: BG044157.D

Acq: 22 Jan 2020 14:23

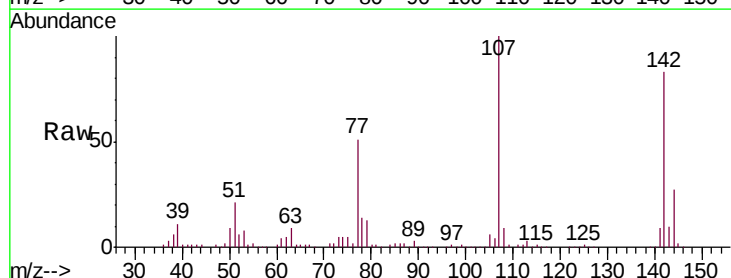
Tgt Ion:107 Resp: 261432

Ion Ratio Lower Upper

107 100

144 27.4 23.4 35.2

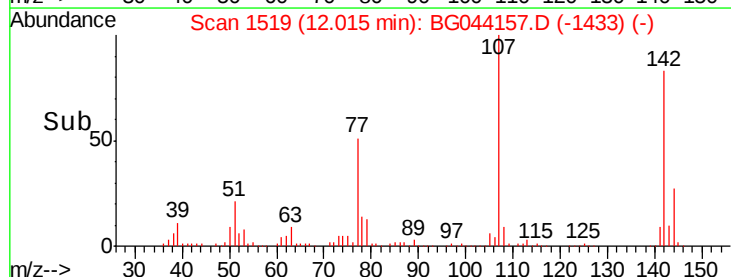
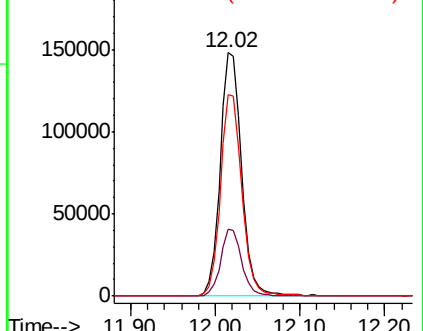
142 82.7 66.3 99.5



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

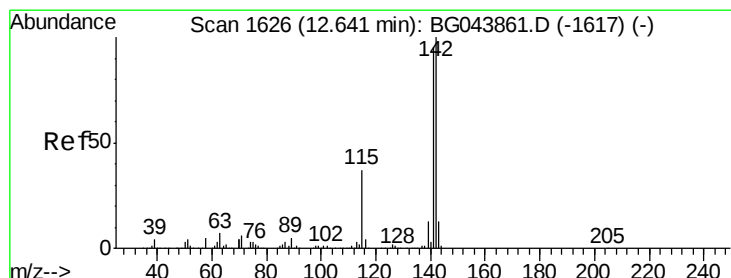
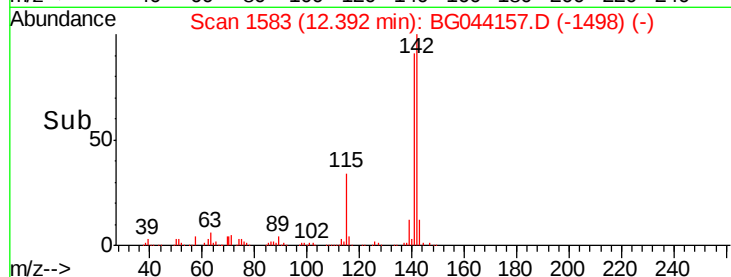
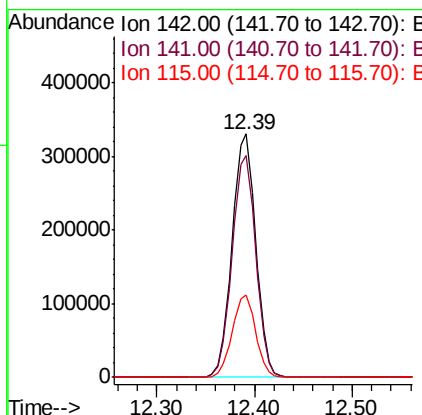
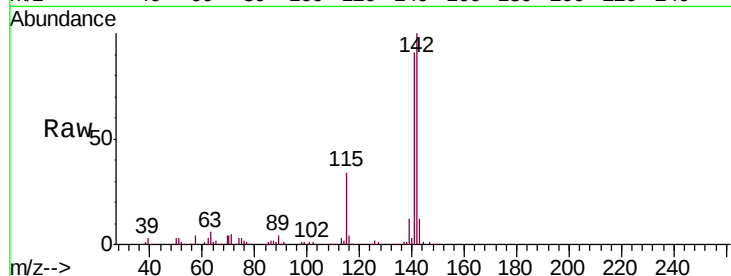




#37
 2-Methylnaphthalene
 Concen: 43.491 ng
 RT: 12.39 min Scan# 1583
 Delta R.T. -0.03 min
 Lab File: BG044157.D
 Acq: 22 Jan 2020 14:23

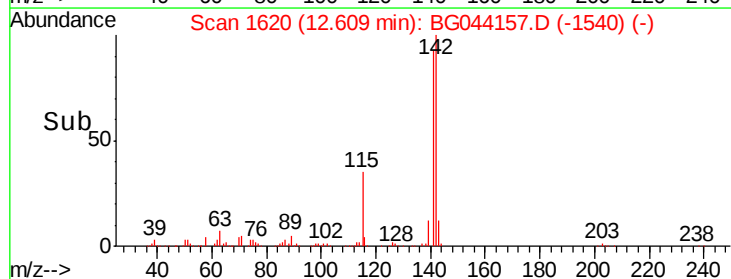
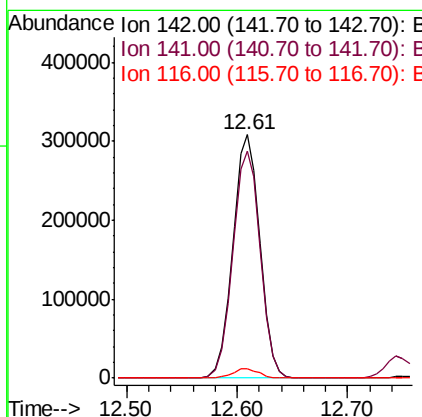
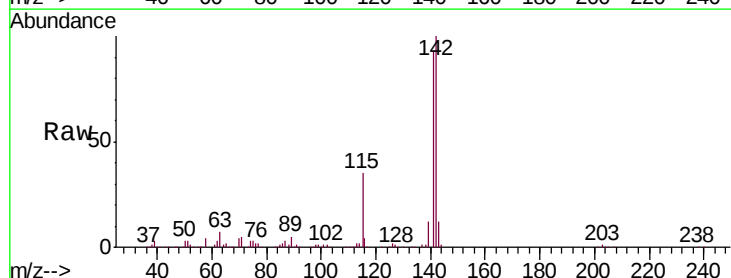
Instrument :
 BNA_G
 ClientSampleId :
 PB126265BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	75.8	113.8
115	33.6	28.6	42.8



#38
 1-Methylnaphthalene
 Concen: 43.417 ng
 RT: 12.61 min Scan# 1620
 Delta R.T. -0.03 min
 Lab File: BG044157.D
 Acq: 22 Jan 2020 14:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	76.0	114.0
116	3.7	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1953

Delta R.T. -0.03 min

Lab File: BG044157.D

Acq: 22 Jan 2020 14:23

Instrument :

BNA_G

ClientSampleId :

PB126265BS

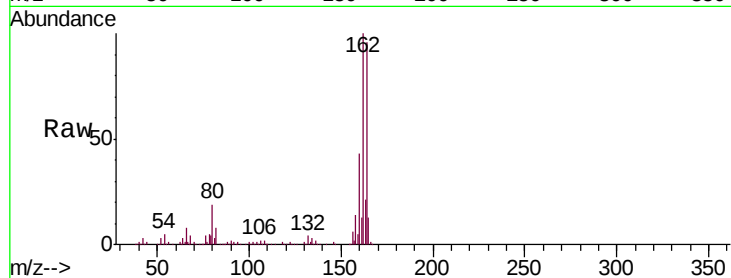
Tgt Ion:164 Resp: 228635

Ion Ratio Lower Upper

164 100

162 103.6 83.0 124.4

160 44.7 36.1 54.1

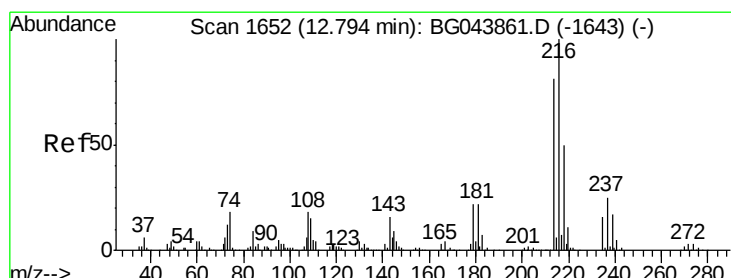
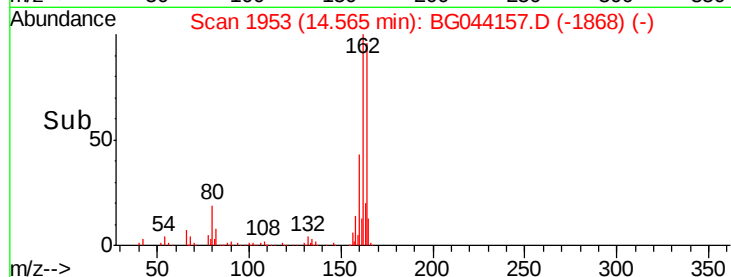
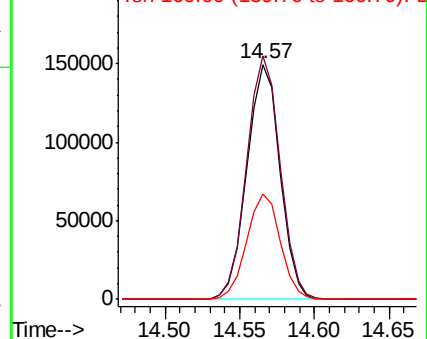


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.941 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.03 min

Lab File: BG044157.D

Acq: 22 Jan 2020 14:23

Tgt Ion:216 Resp: 260957

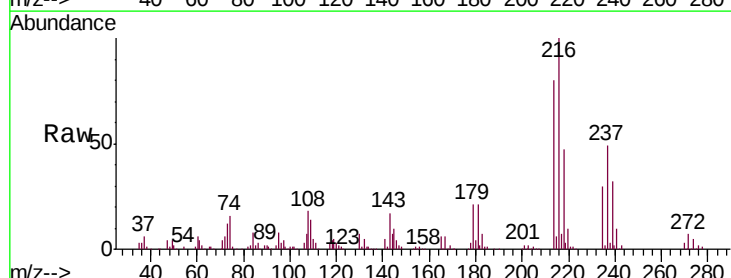
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.8

179 21.2 17.3 25.9

108 20.8 15.3 22.9



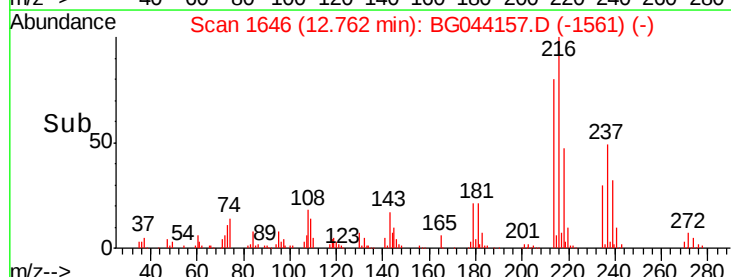
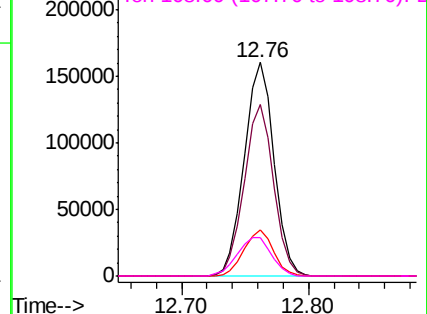
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 100.250 ng

RT: 12.74 min Scan# 1643

Delta R.T. -0.04 min

Lab File: BG044157.D

Acq: 22 Jan 2020 14:23

Instrument :

BNA_G

ClientSampleId :

PB126265BS

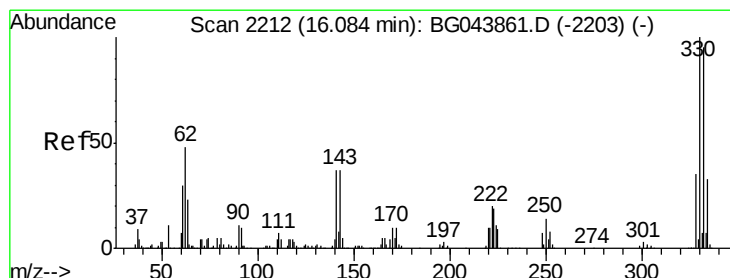
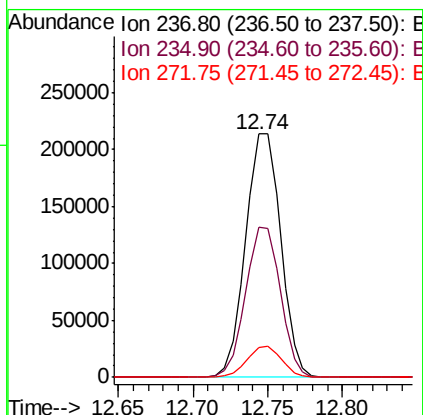
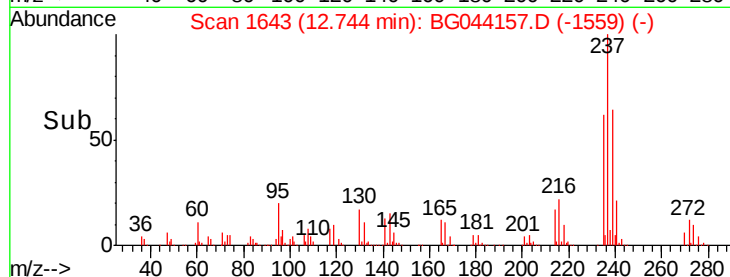
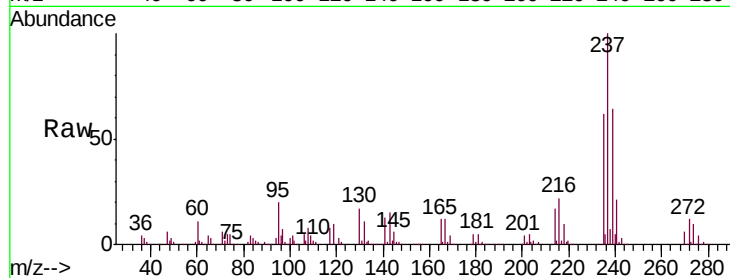
Tgt Ion:237 Resp: 348291

Ion Ratio Lower Upper

237 100

235 61.8 41.1 81.1

272 12.3 0.0 31.7



#42

2,4,6-Tribromophenol

Concen: 135.242 ng

RT: 16.06 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044157.D

Acq: 22 Jan 2020 14:23

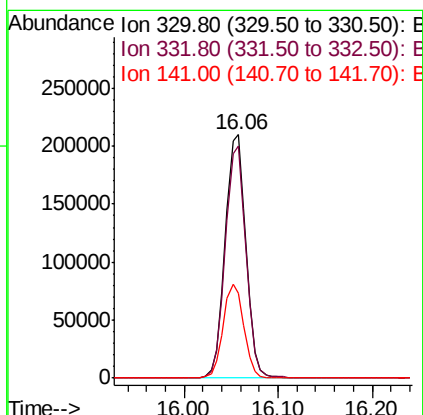
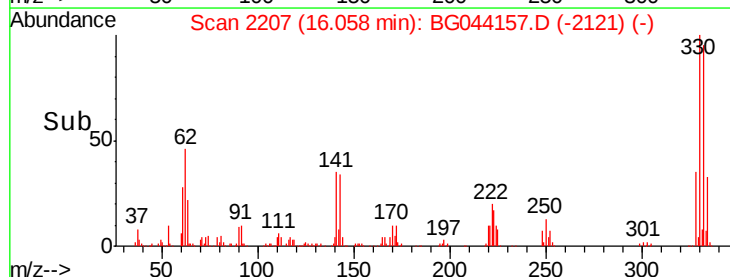
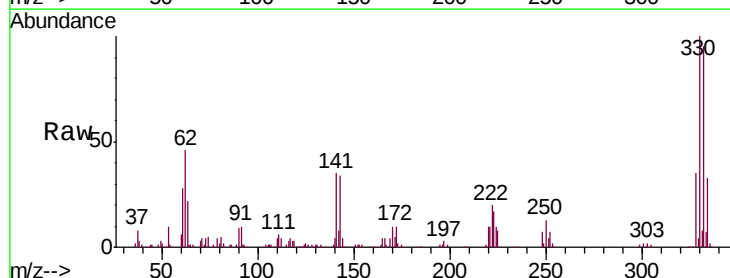
Tgt Ion:330 Resp: 323583

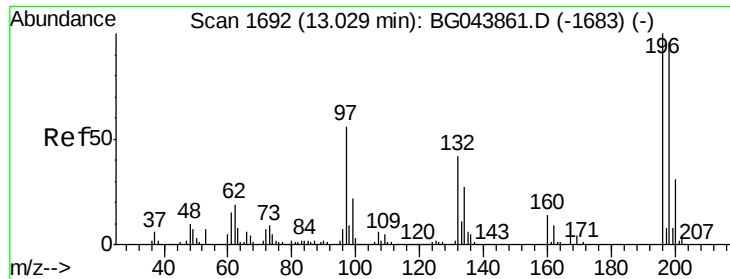
Ion Ratio Lower Upper

330 100

332 94.8 77.2 115.8

141 38.6 33.1 49.7

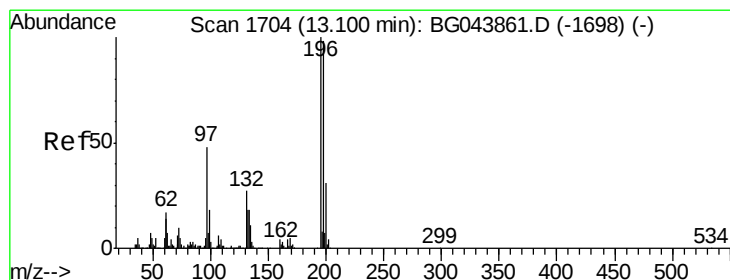
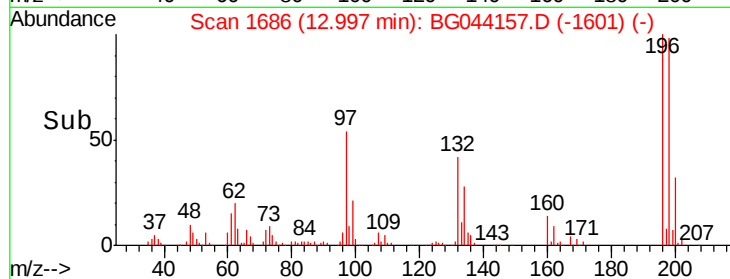
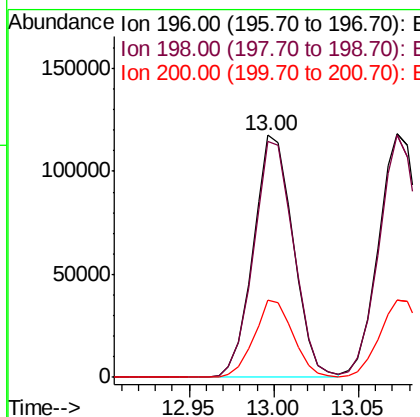
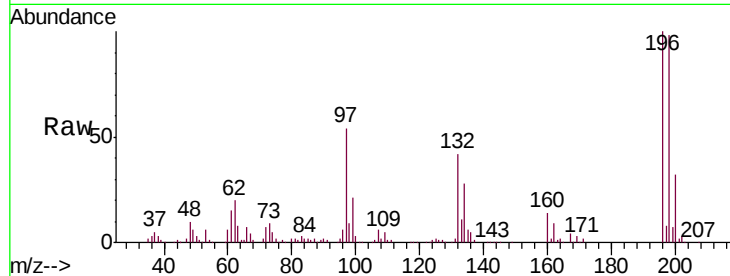




#43
 2,4,6-Trichlorophenol
 Concen: 41.659 ng
 RT: 13.00 min Scan# 1686
 Delta R.T. -0.03 min
 Lab File: BG044157.D
 Acq: 22 Jan 2020 14:23

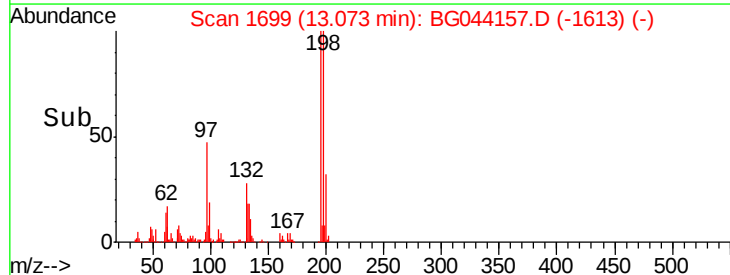
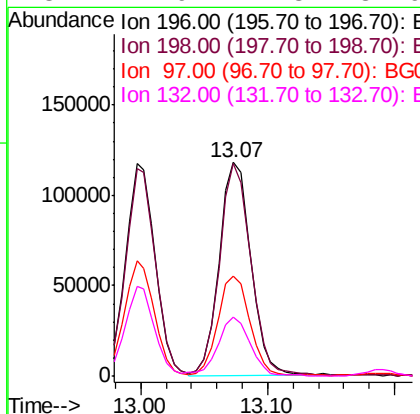
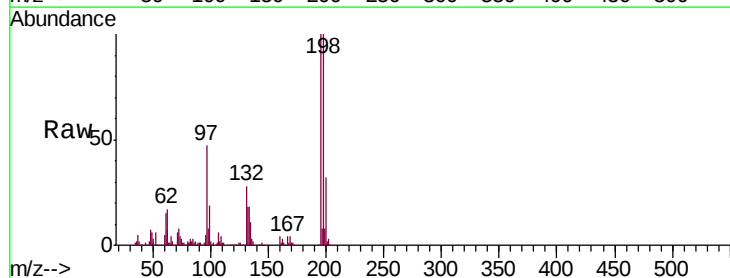
Instrument :
 BNA_G
 ClientSampleId :
 PB126265BS

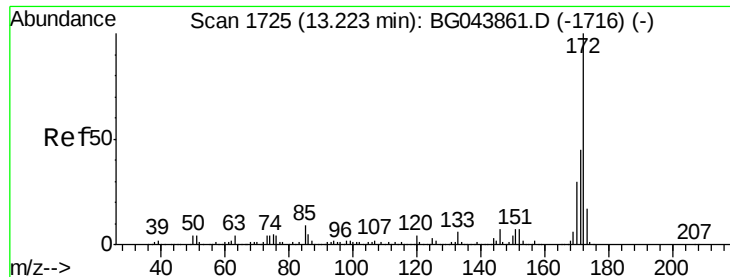
Tgt Ion:196 Resp: 192089
 Ion Ratio Lower Upper
 196 100
 198 97.6 76.6 115.0
 200 32.1 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 42.860 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.03 min
 Lab File: BG044157.D
 Acq: 22 Jan 2020 14:23

Tgt Ion:196 Resp: 203832
 Ion Ratio Lower Upper
 196 100
 198 99.6 78.3 117.5
 97 46.9 38.8 58.2
 132 27.9 21.3 31.9

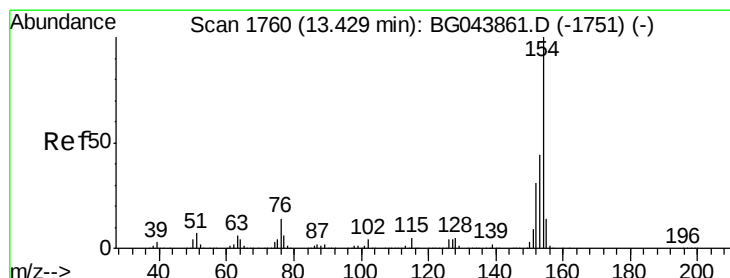
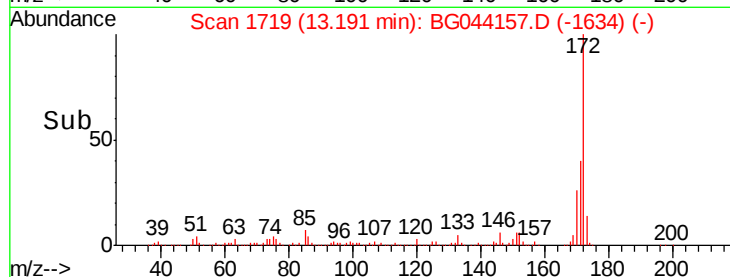
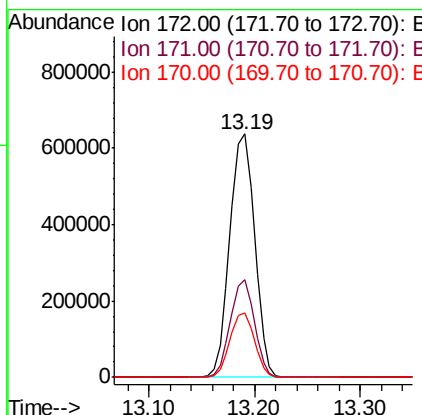
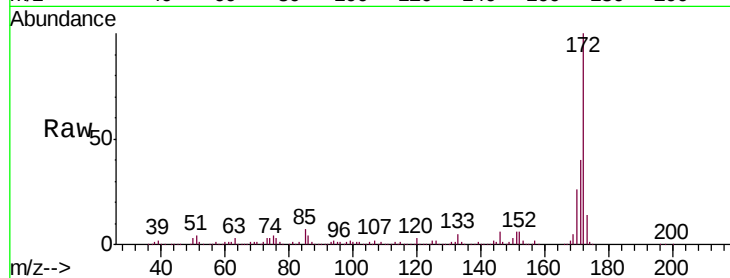




#45
 2-Fluorobiphenyl
 Concen: 82.360 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.03 min
 Lab File: BG044157.D
 Acq: 22 Jan 2020 14:23

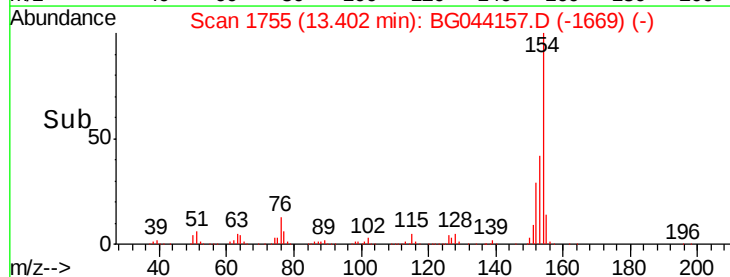
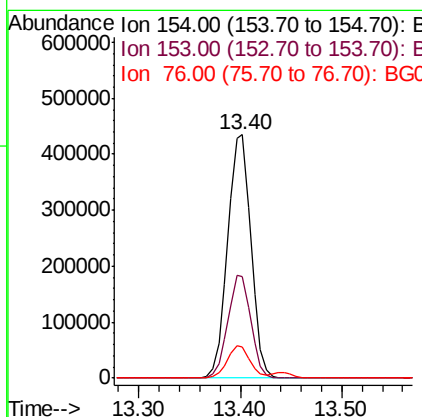
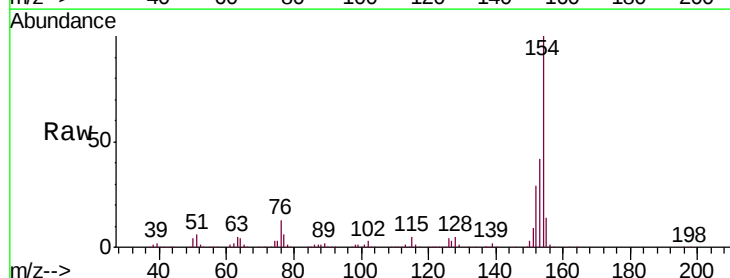
Instrument :
 BNA_G
 ClientSampleId :
 PB126265BS

Tgt Ion:172 Resp: 1039338
 Ion Ratio Lower Upper
 172 100
 171 40.3 35.8 53.8
 170 26.2 24.2 36.4



#46
 1,1'-Biphenyl
 Concen: 42.104 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.03 min
 Lab File: BG044157.D
 Acq: 22 Jan 2020 14:23

Tgt Ion:154 Resp: 690207
 Ion Ratio Lower Upper
 154 100
 153 41.8 23.6 63.6
 76 12.8 0.0 34.4

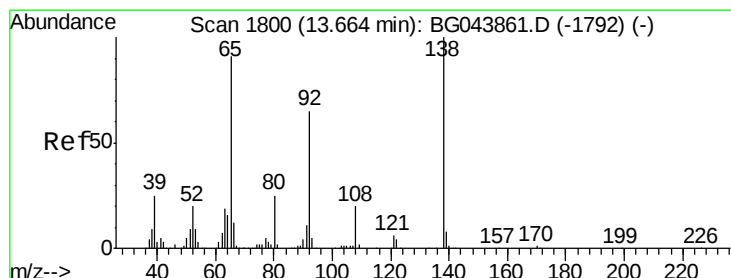
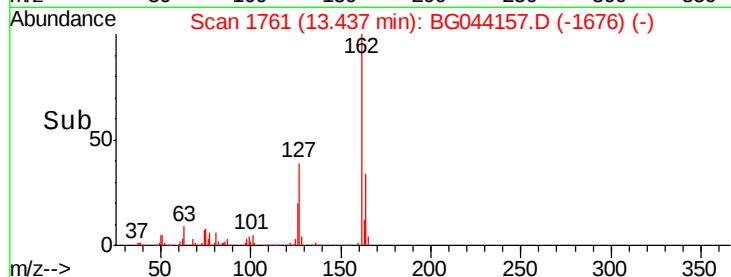
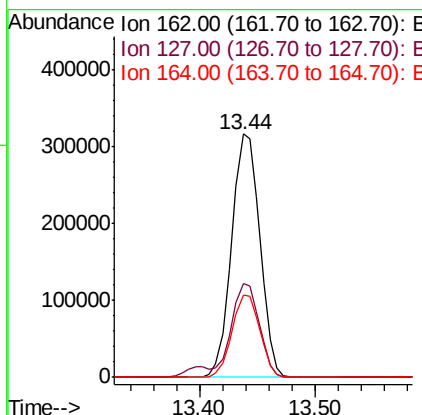
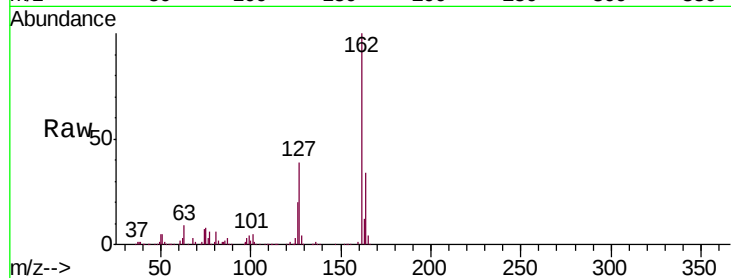




#47
 2-Chloronaphthalene
 Concen: 40.447 ng
 RT: 13.44 min Scan# 1761
 Delta R.T. -0.03 min
 Lab File: BG044157.D
 Acq: 22 Jan 2020 14:23

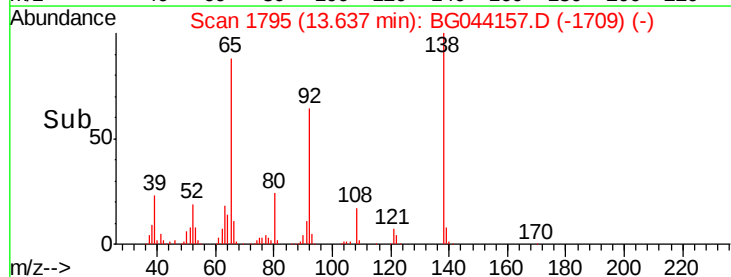
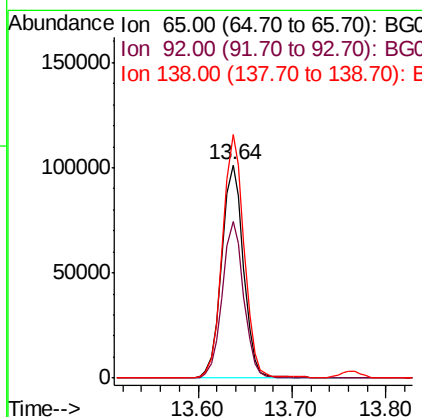
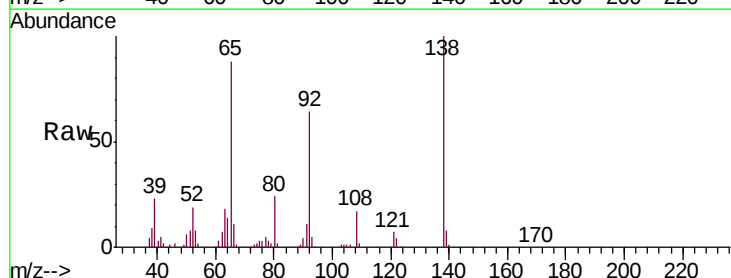
Instrument :
 BNA_G
 ClientSampleId :
 PB126265BS

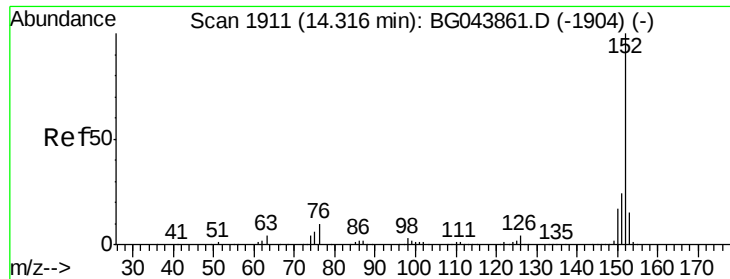
Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.6	32.1	48.1
164	33.8	27.5	41.3



#48
 2-Nitroaniline
 Concen: 38.571 ng
 RT: 13.64 min Scan# 1795
 Delta R.T. -0.03 min
 Lab File: BG044157.D
 Acq: 22 Jan 2020 14:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.1	57.4	86.2
138	114.0	88.2	132.4





#49

Acenaphthylene

Concen: 44.869 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.03 min

Lab File: BG044157.D

Acq: 22 Jan 2020 14:23

Instrument :

BNA_G

ClientSampleId :

PB126265BS

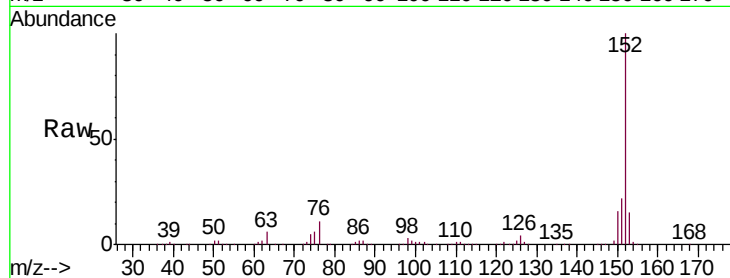
Tgt Ion:152 Resp: 854268

Ion Ratio Lower Upper

152 100

151 22.3 19.4 29.2

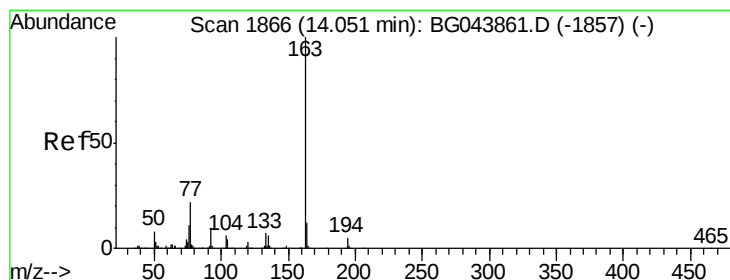
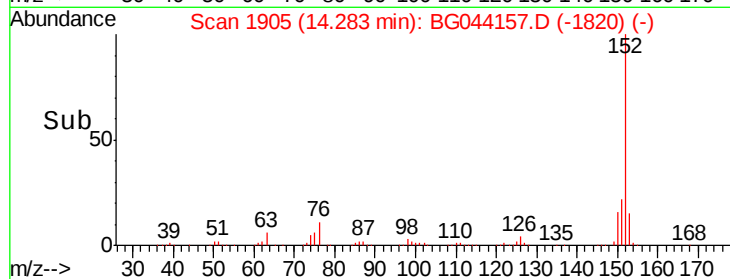
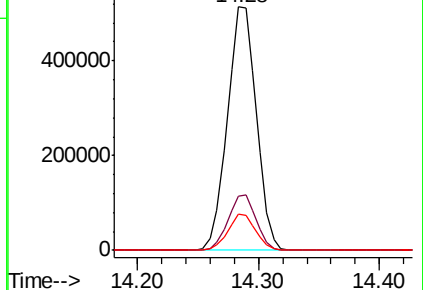
153 14.7 12.0 18.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.402 ng

RT: 14.02 min Scan# 1860

Delta R.T. -0.03 min

Lab File: BG044157.D

Acq: 22 Jan 2020 14:23

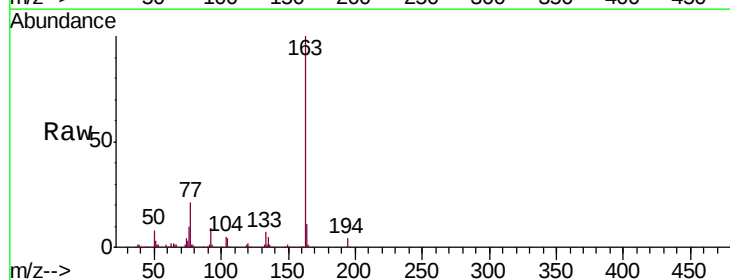
Tgt Ion:163 Resp: 672127

Ion Ratio Lower Upper

163 100

194 4.3 3.7 5.5

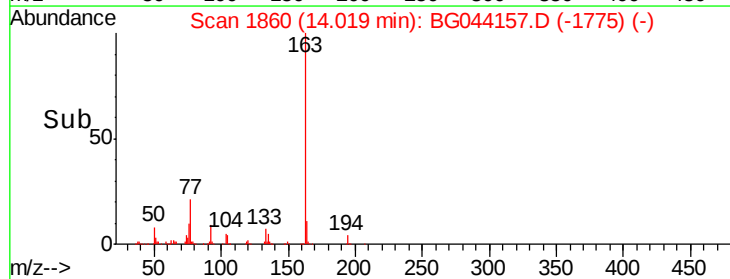
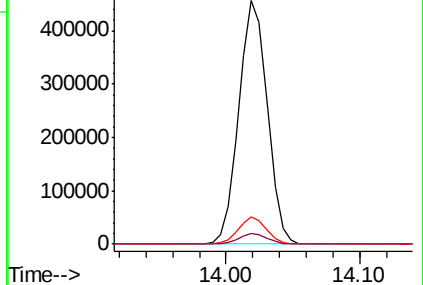
164 11.0 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

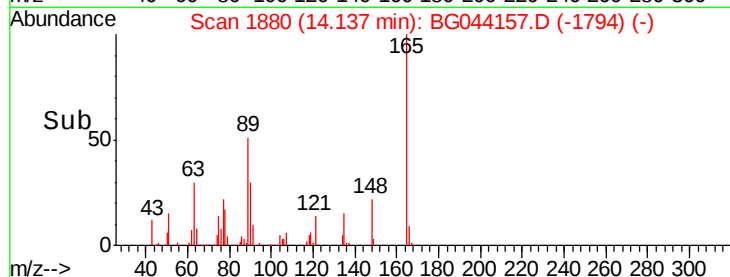
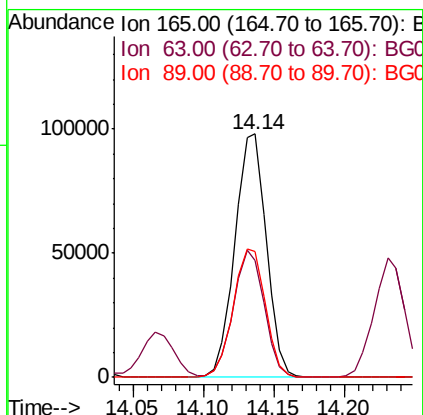
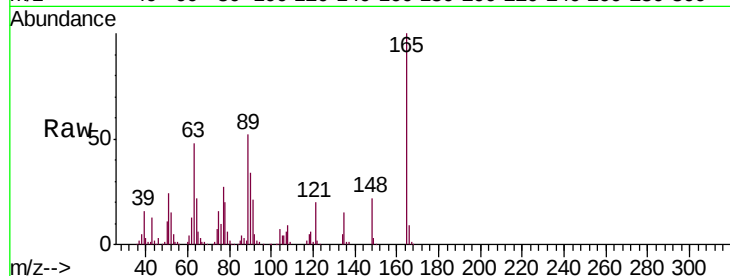




#51
 2,6-Dinitrotoluene
 Concen: 41.551 ng
 RT: 14.14 min Scan# 1880
 Delta R.T. -0.03 min
 Lab File: BG044157.D
 Acq: 22 Jan 2020 14:23

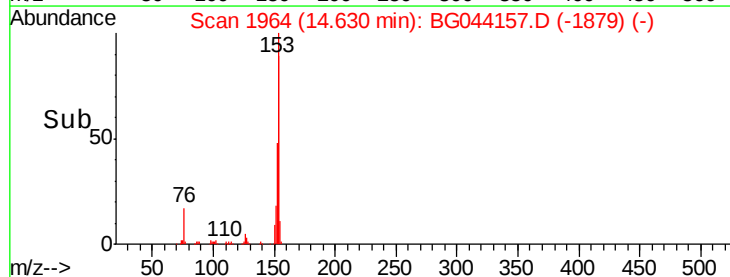
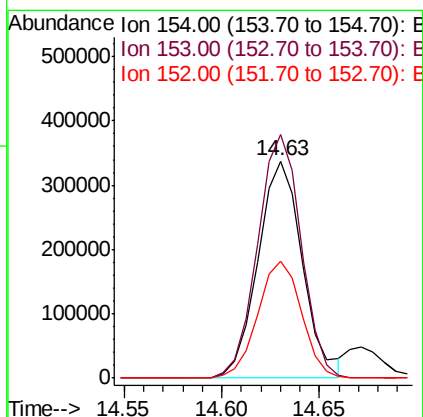
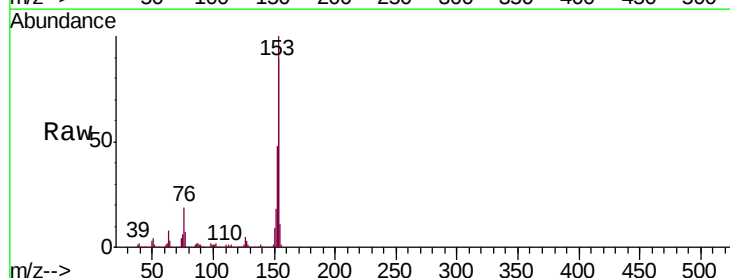
Instrument :
 BNA_G
 ClientSampleId :
 PB126265BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.8	43.1	64.7
89	51.9	43.8	65.6



#52
 Acenaphthene
 Concen: 39.952 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.03 min
 Lab File: BG044157.D
 Acq: 22 Jan 2020 14:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.0	91.6	137.4
152	53.7	45.4	68.0

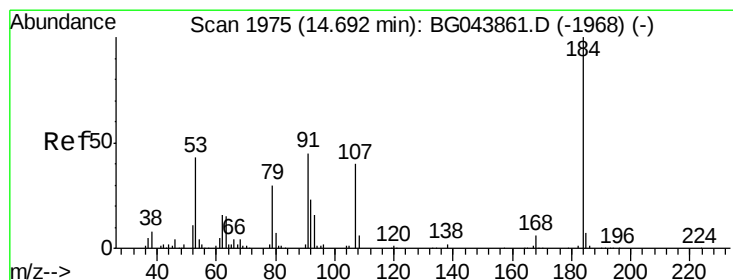
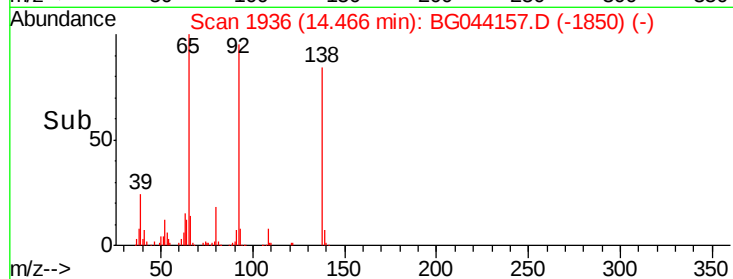
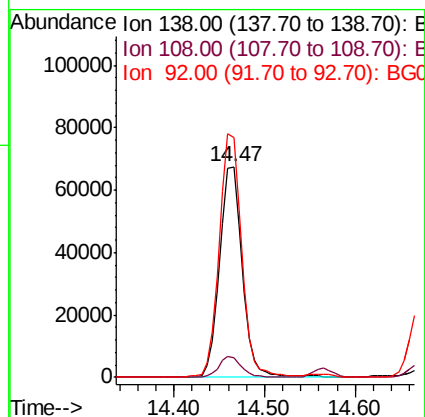
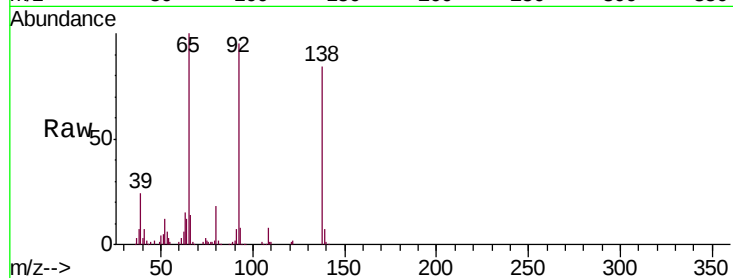




#53
3-Nitroaniline
Concen: 28.174 ng
RT: 14.47 min Scan# 1936
Delta R.T. -0.03 min
Lab File: BG044157.D
Acq: 22 Jan 2020 14:23

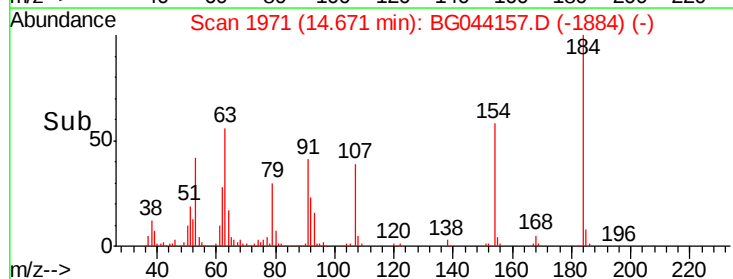
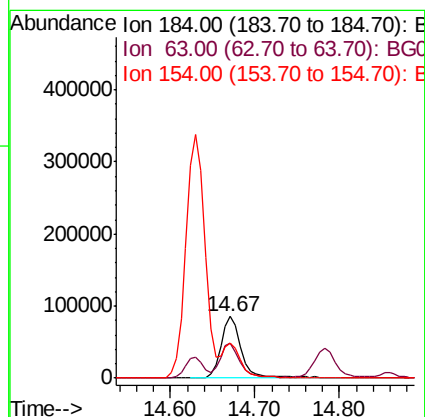
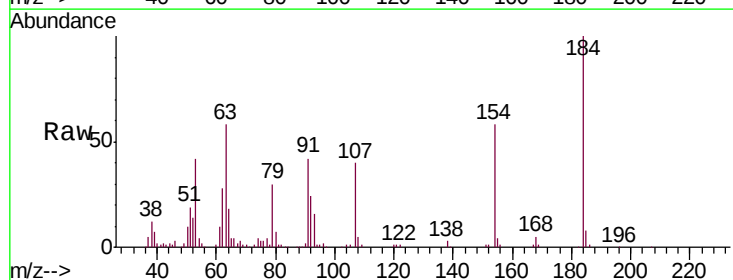
Instrument :
BNA_G
ClientSampleId :
PB126265BS

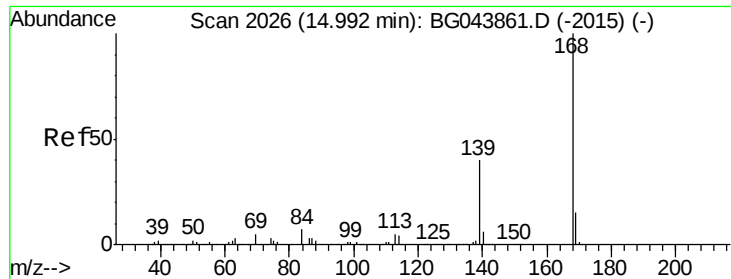
Tgt Ion:138 Resp: 117393
Ion Ratio Lower Upper
138 100
108 9.5 7.4 11.2
92 113.6 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 76.739 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.02 min
Lab File: BG044157.D
Acq: 22 Jan 2020 14:23

Tgt Ion:184 Resp: 143001
Ion Ratio Lower Upper
184 100
63 57.5 46.6 70.0
154 57.5 50.2 75.4

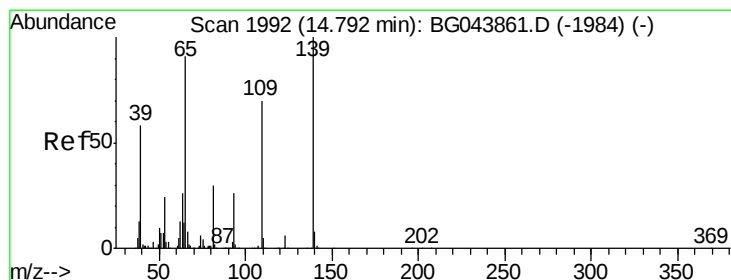
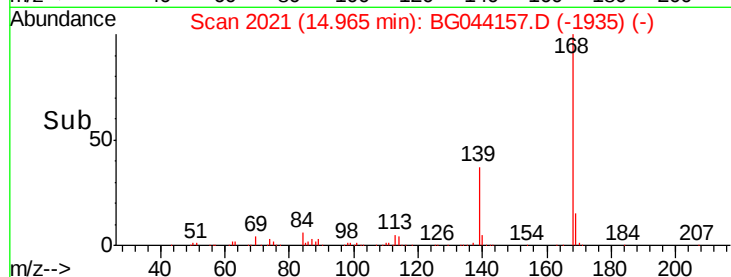
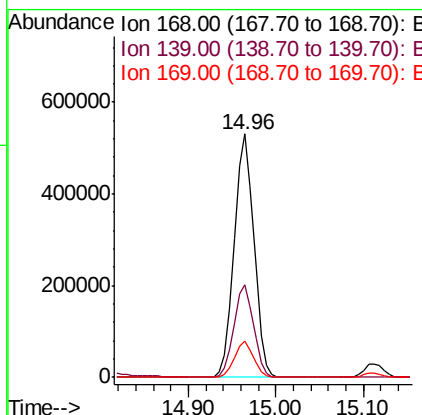
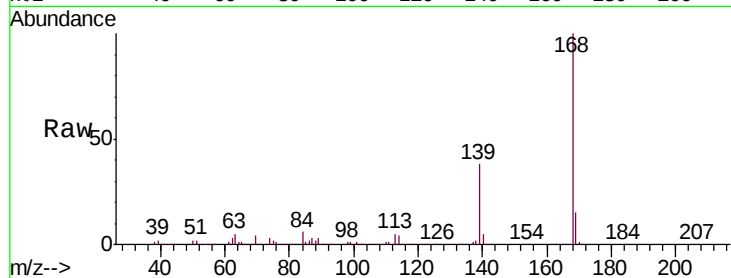




#55
Dibenzofuran
Concen: 43.897 ng
RT: 14.96 min Scan# 2021
Delta R.T. -0.03 min
Lab File: BG044157.D
Acq: 22 Jan 2020 14:23

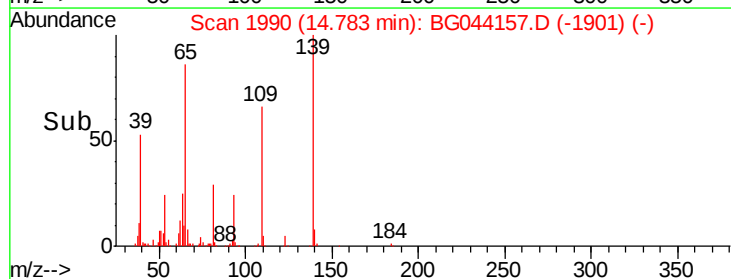
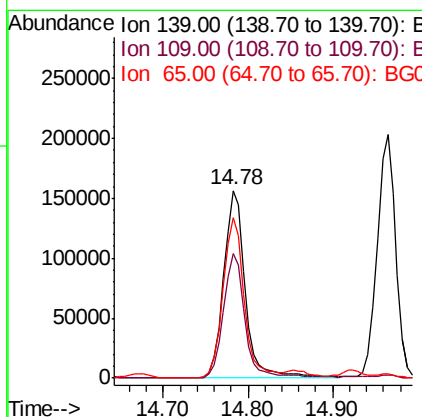
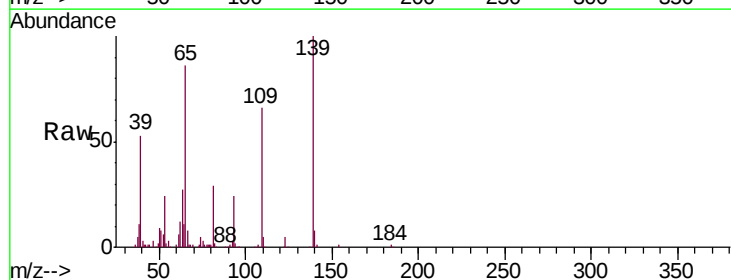
Instrument :
BNA_G
ClientSampleId :
PB126265BS

Tgt Ion:168 Resp: 806840
Ion Ratio Lower Upper
168 100
139 38.2 32.2 48.2
169 14.9 12.2 18.2



#56
4-Nitrophenol
Concen: 87.007 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG044157.D
Acq: 22 Jan 2020 14:23

Tgt Ion:139 Resp: 277815
Ion Ratio Lower Upper
139 100
109 66.2 50.4 90.4
65 85.8 71.4 111.4

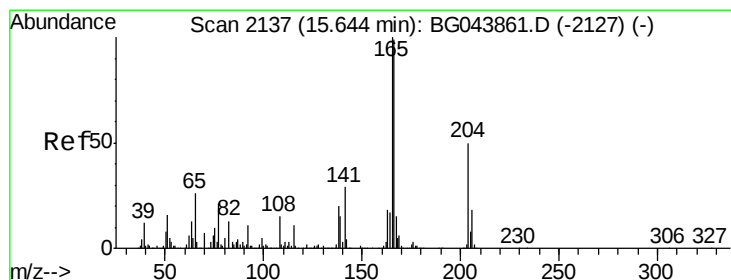
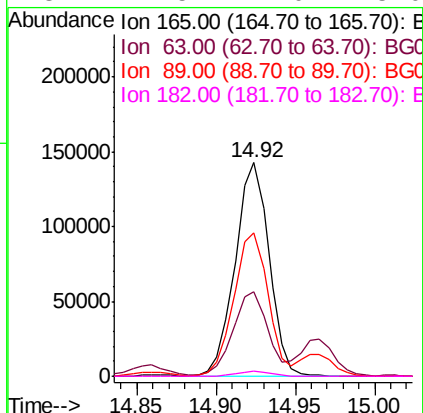
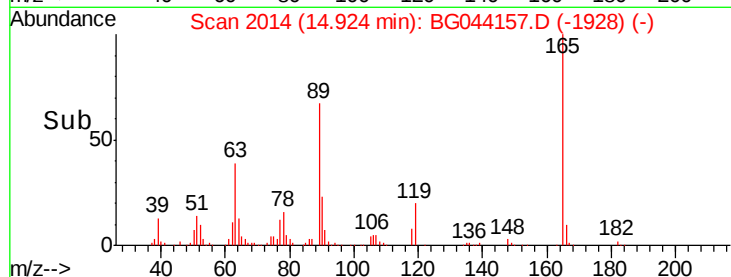
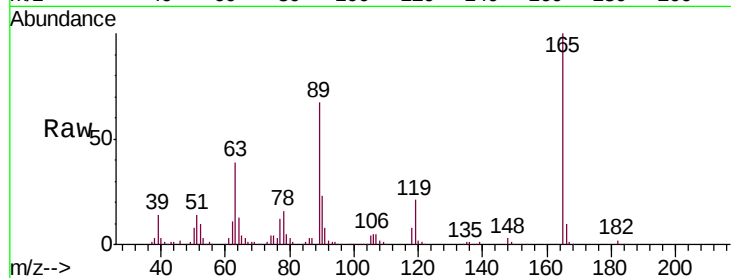




#57
2,4-Dinitrotoluene
Concen: 42.303 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.03 min
Lab File: BG044157.D
Acq: 22 Jan 2020 14:23

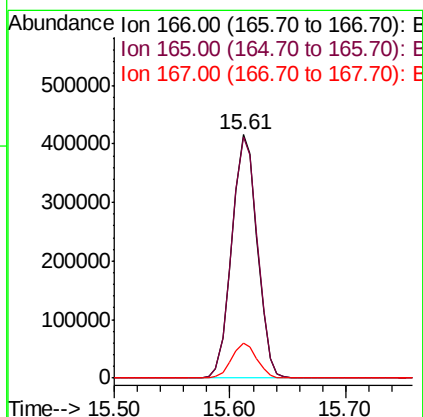
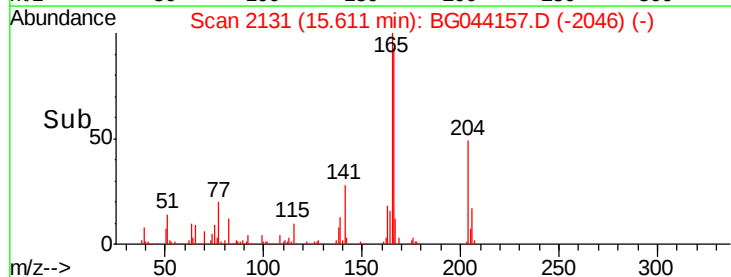
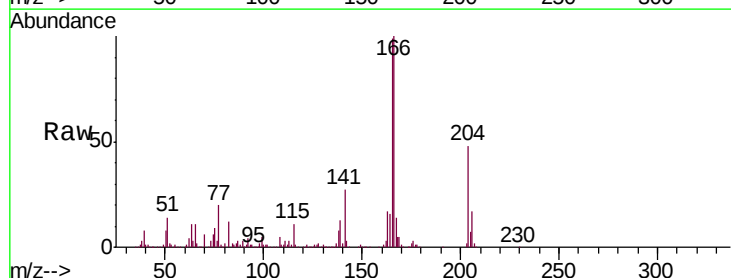
Instrument :
BNA_G
ClientSampleId :
PB126265BS

Tgt Ion:	165	Resp:	211209
Ion	Ratio	Lower	Upper
165	100		
63	39.3	31.9	47.9
89	67.3	53.8	80.6
182	2.5	2.0	3.0



#58
Fluorene
Concen: 43.564 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.03 min
Lab File: BG044157.D
Acq: 22 Jan 2020 14:23

Tgt Ion:	166	Resp:	634648
Ion	Ratio	Lower	Upper
166	100		
165	99.2	80.8	121.2
167	14.2	12.1	18.1

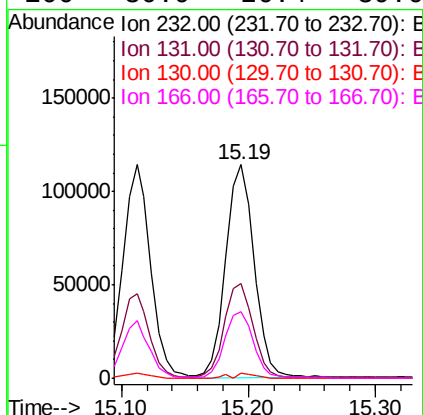
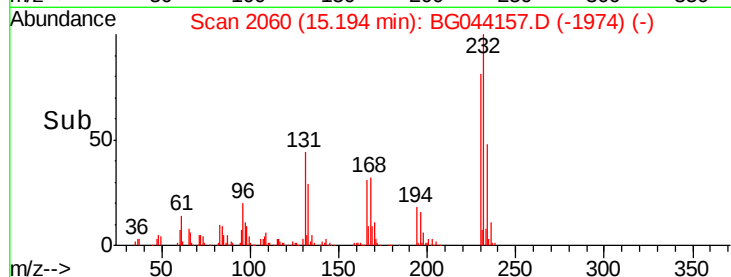
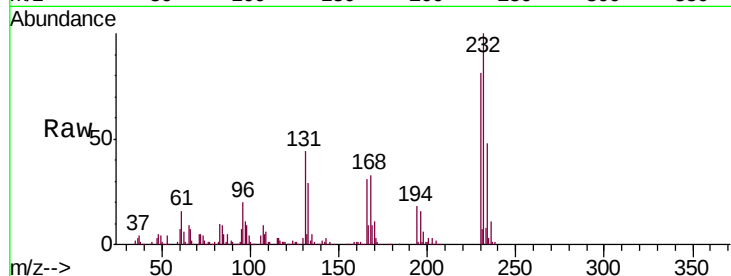




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.398 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. -0.03 min
 Lab File: BG044157.D
 Acq: 22 Jan 2020 14:23

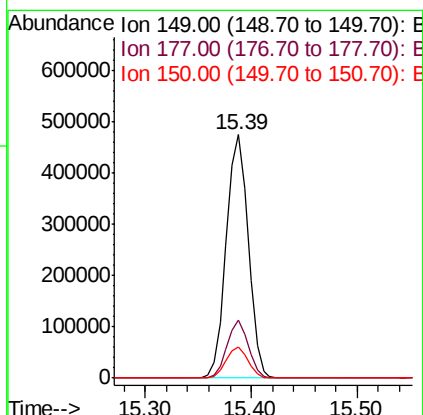
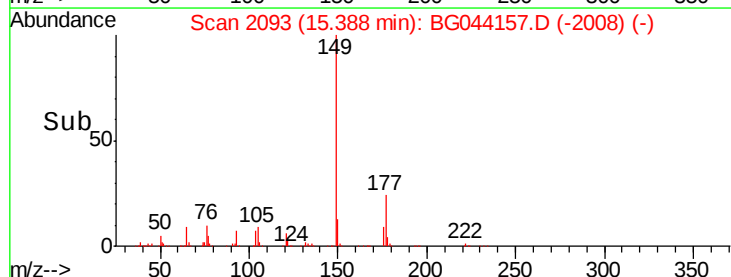
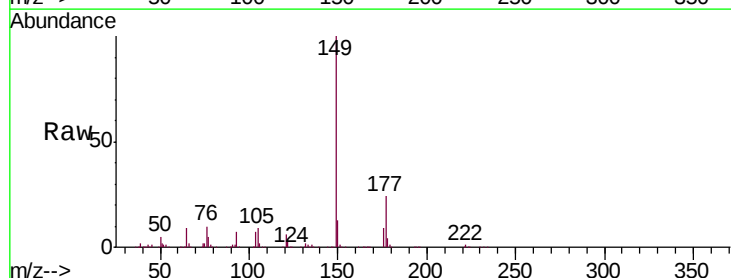
Instrument :
 BNA_G
 ClientSampleId :
 PB126265BS

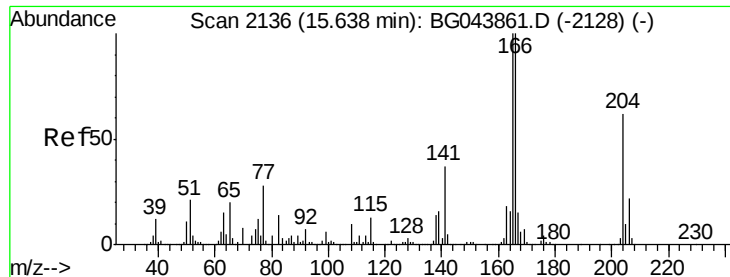
Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.7	38.2	57.2
130	2.0	2.2	3.2#
166	30.9	26.4	39.6



#60
 Diethylphthalate
 Concen: 42.113 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. -0.03 min
 Lab File: BG044157.D
 Acq: 22 Jan 2020 14:23

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.0	20.0	30.0
150	12.7	11.1	16.7

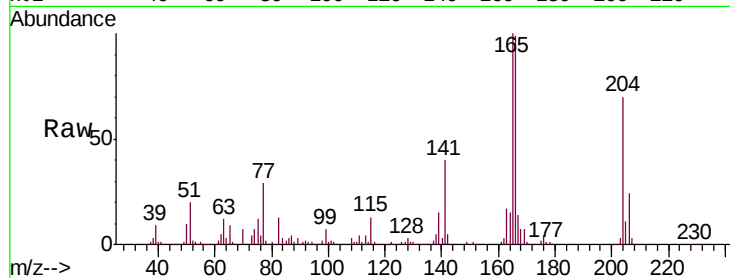




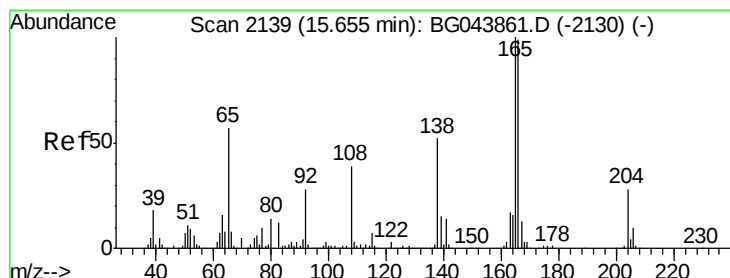
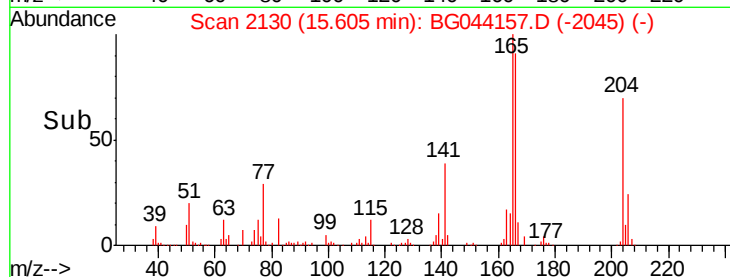
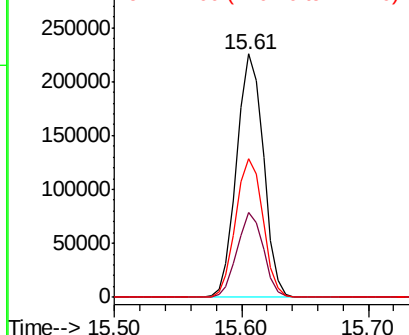
#61
 4-Chlorophenyl-phenylether
 Concen: 41.576 ng
 RT: 15.61 min Scan# 2130
 Delta R.T. -0.03 min
 Lab File: BG044157.D
 Acq: 22 Jan 2020 14:23

Instrument :
 BNA_G
 ClientSampleId :
 PB126265BS

Tgt Ion:204 Resp: 328888
 Ion Ratio Lower Upper
 204 100
 206 34.8 28.2 42.2
 141 57.0 48.2 72.2

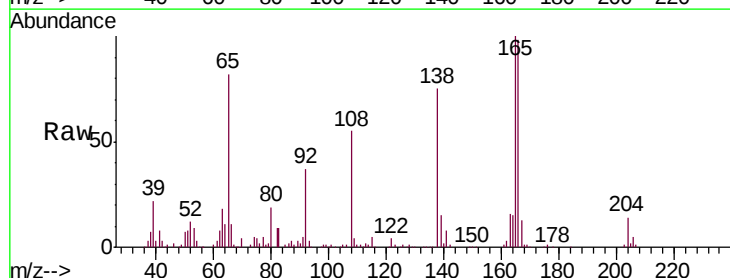


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

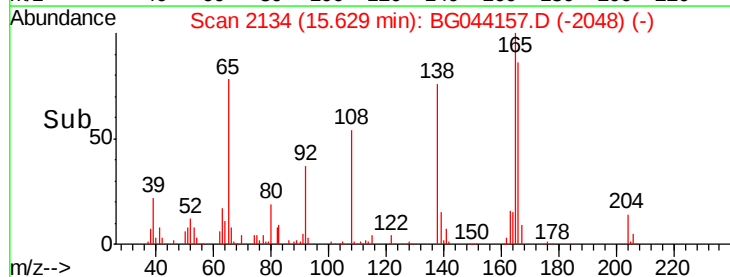
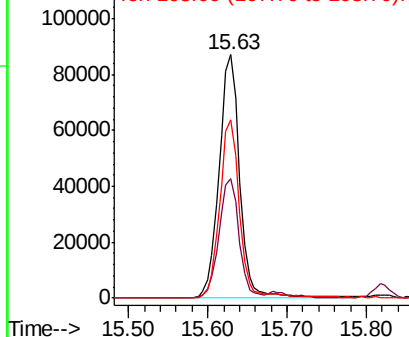


#62
 4-Nitroaniline
 Concen: 38.220 ng
 RT: 15.63 min Scan# 2134
 Delta R.T. -0.03 min
 Lab File: BG044157.D
 Acq: 22 Jan 2020 14:23

Tgt Ion:138 Resp: 157267
 Ion Ratio Lower Upper
 138 100
 92 49.2 34.3 74.3
 108 73.1 55.0 95.0



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 42.621 ng

RT: 15.90 min Scan# 2180

Delta R.T. -0.03 min

Lab File: BG044157.D

Acq: 22 Jan 2020 14:23

Instrument :

BNA_G

ClientSampleId :

PB126265BS

Tgt Ion: 77 Resp: 641792

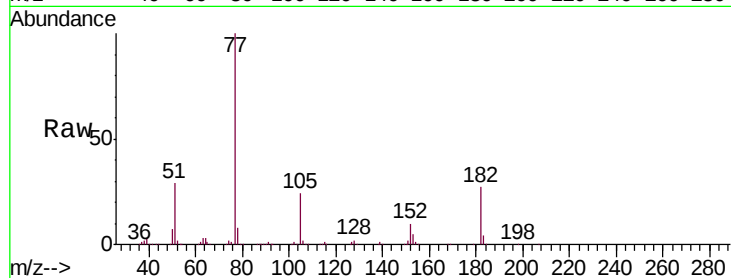
Ion Ratio Lower Upper

77 100

182 26.8 7.3 47.3

105 23.7 3.2 43.2

51 29.2 10.6 50.6

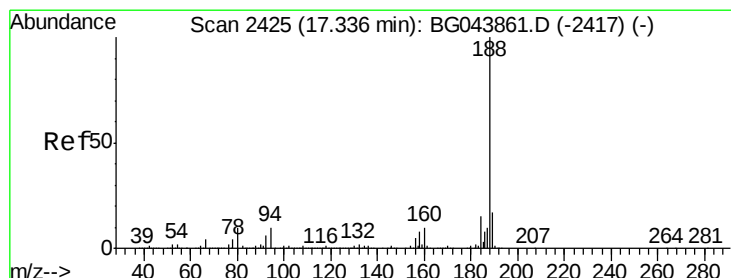
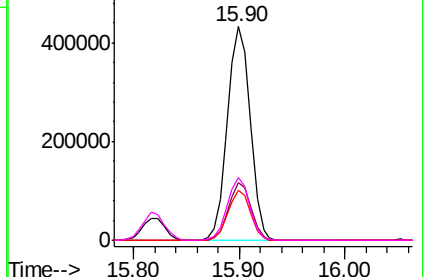
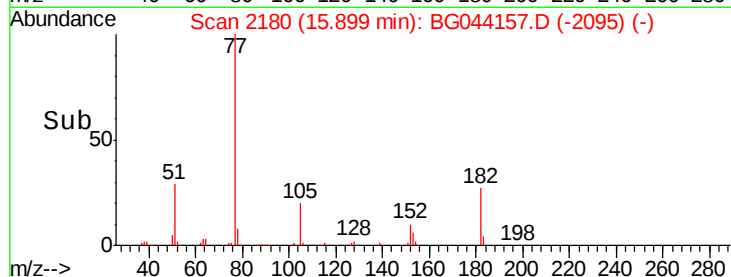


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2420

Delta R.T. -0.03 min

Lab File: BG044157.D

Acq: 22 Jan 2020 14:23

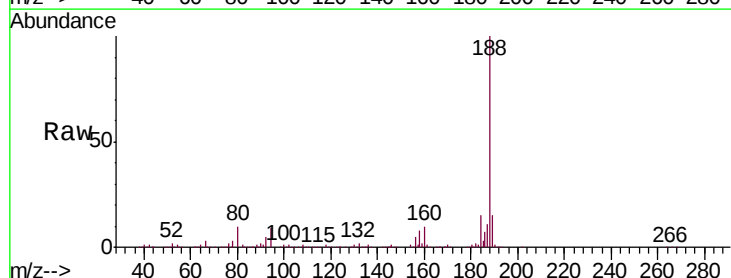
Tgt Ion: 188 Resp: 475621

Ion Ratio Lower Upper

188 100

94 9.2 7.9 11.9

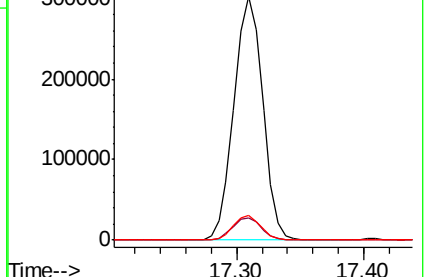
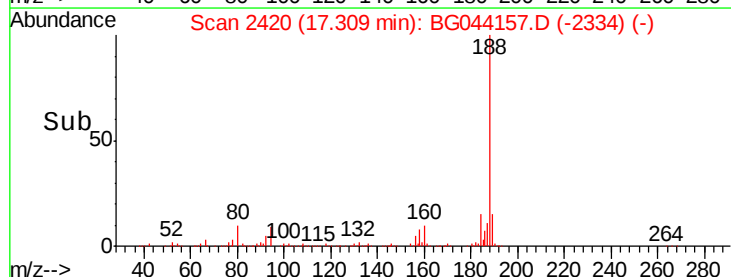
80 10.3 8.2 12.4

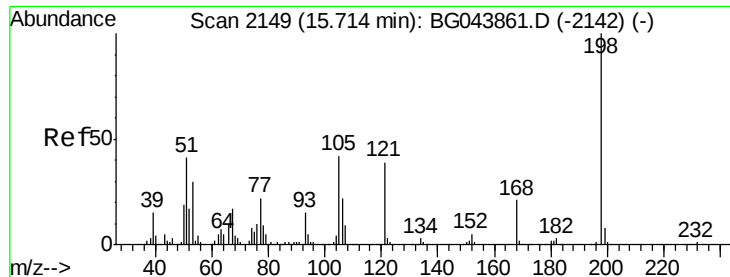


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

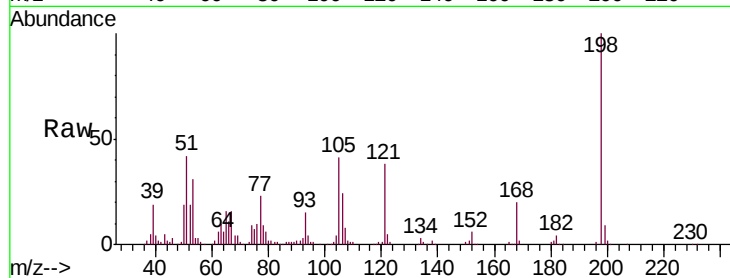




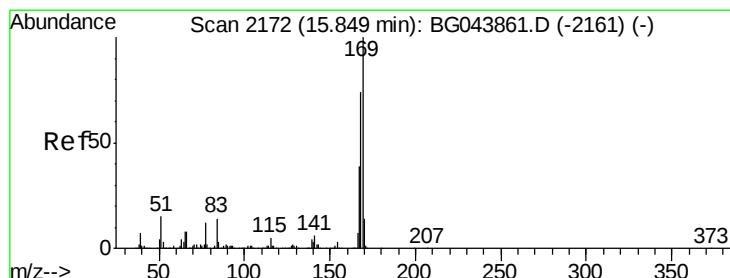
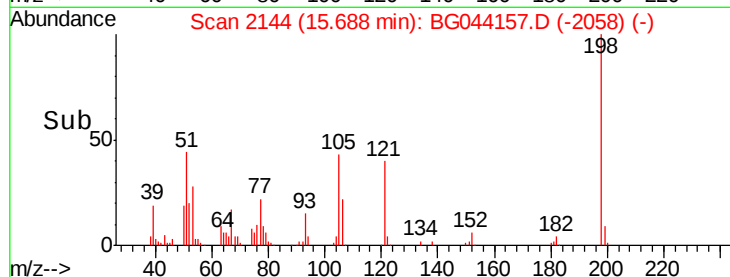
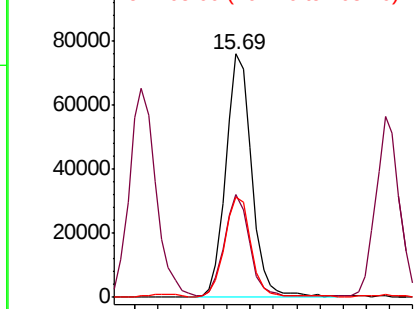
#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.320 ng
 RT: 15.69 min Scan# 2144
 Delta R.T. -0.03 min
 Lab File: BG044157.D
 Acq: 22 Jan 2020 14:23

Instrument :
 BNA_G
 ClientSampleId :
 PB126265BS

Tgt Ion	Ratio	Lower	Upper
198	100		
51	42.1	22.5	62.5
105	41.2	22.3	62.3

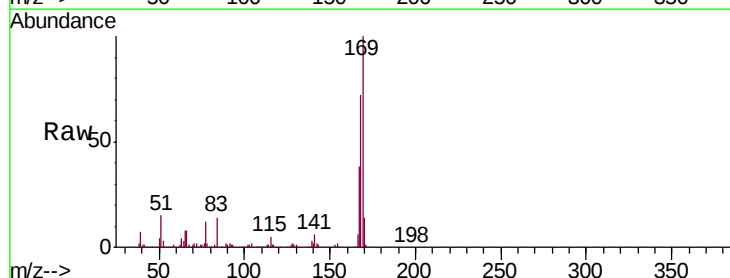


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

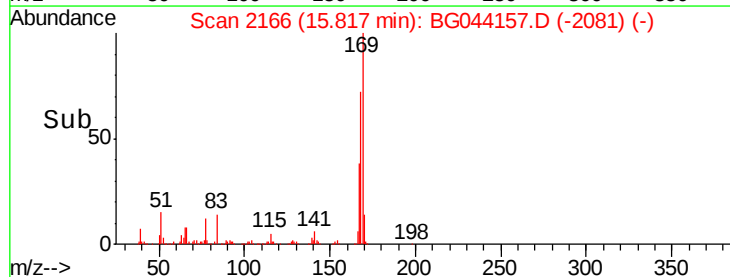
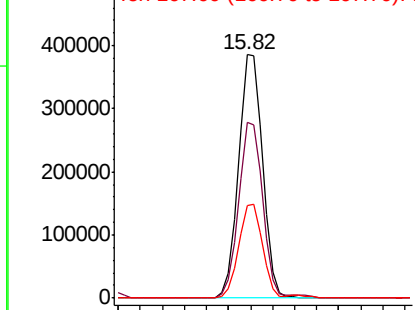


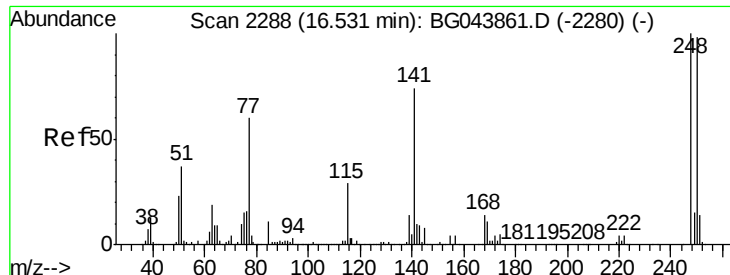
#66
 n-Nitrosodiphenylamine
 Concen: 42.220 ng
 RT: 15.82 min Scan# 2166
 Delta R.T. -0.03 min
 Lab File: BG044157.D
 Acq: 22 Jan 2020 14:23

Tgt Ion	Ratio	Lower	Upper
169	100		
168	72.3	59.0	88.6
167	37.9	31.4	47.0



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

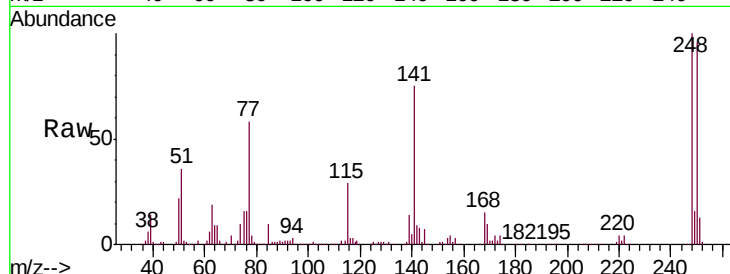




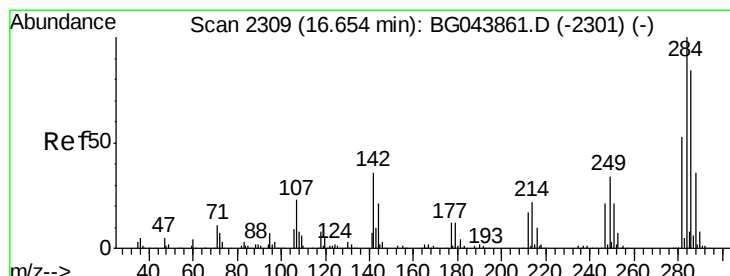
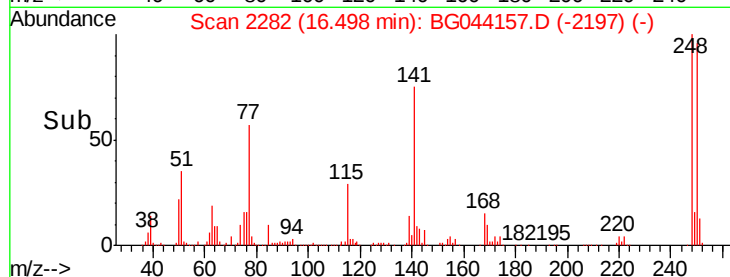
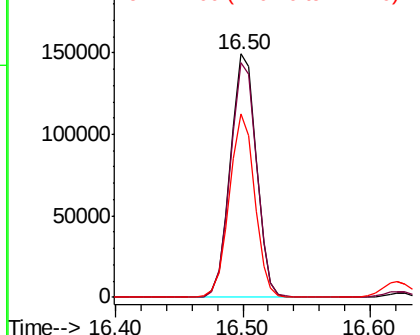
#67
 4-Bromophenyl-phenylether
 Concen: 39.288 ng
 RT: 16.50 min Scan# 2282
 Delta R.T. -0.03 min
 Lab File: BG044157.D
 Acq: 22 Jan 2020 14:23

Instrument :
 BNA_G
 ClientSampleId :
 PB126265BS

Tgt Ion: 248 Resp: 210165
 Ion Ratio Lower Upper
 248 100
 250 96.1 78.2 117.2
 141 75.2 59.3 88.9

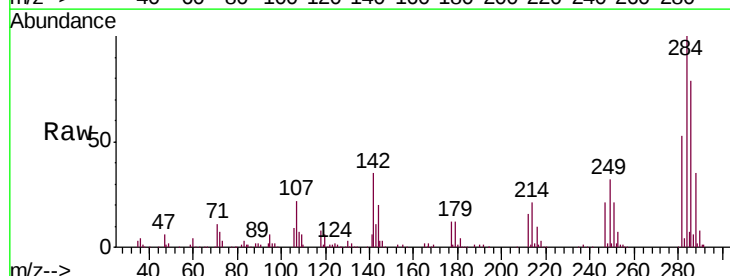


Abundance Ion 248.00 (247.70 to 248.70): E
 200000 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

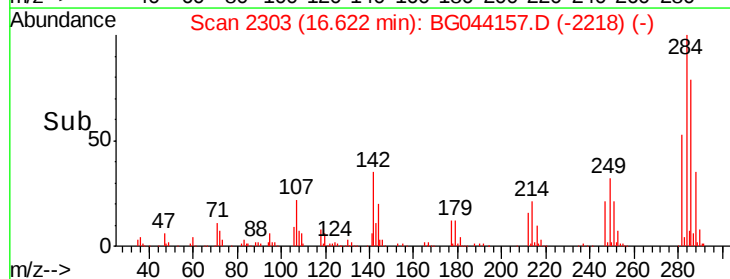
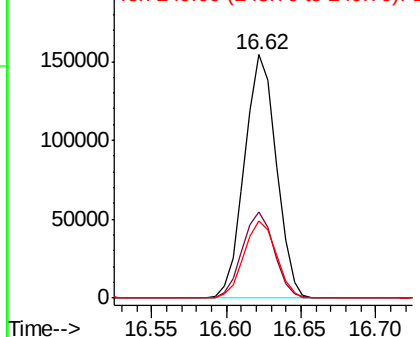


#68
 Hexachlorobenzene
 Concen: 39.558 ng
 RT: 16.62 min Scan# 2303
 Delta R.T. -0.03 min
 Lab File: BG044157.D
 Acq: 22 Jan 2020 14:23

Tgt Ion: 284 Resp: 228015
 Ion Ratio Lower Upper
 284 100
 142 35.2 28.6 43.0
 249 32.0 27.0 40.6



Abundance Ion 283.80 (283.50 to 284.50): E
 200000 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 47.110 ng

RT: 16.77 min Scan# 2328

Delta R.T. -0.03 min

Lab File: BG044157.D

Acq: 22 Jan 2020 14:23

Instrument :

BNA_G

ClientSampleId :

PB126265BS

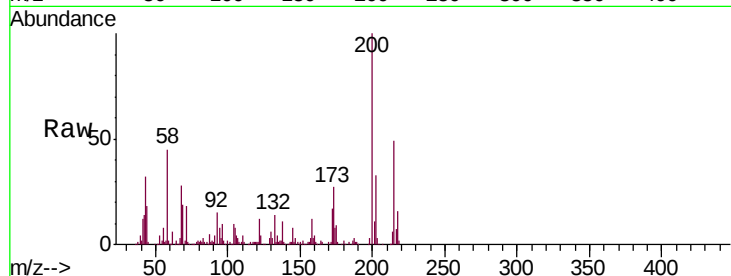
Tgt Ion:200 Resp: 214482

Ion Ratio Lower Upper

200 100

173 26.8 6.6 46.6

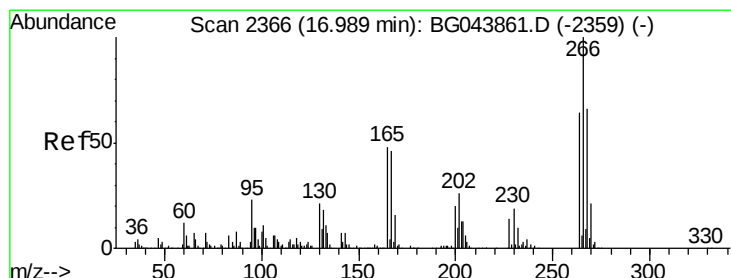
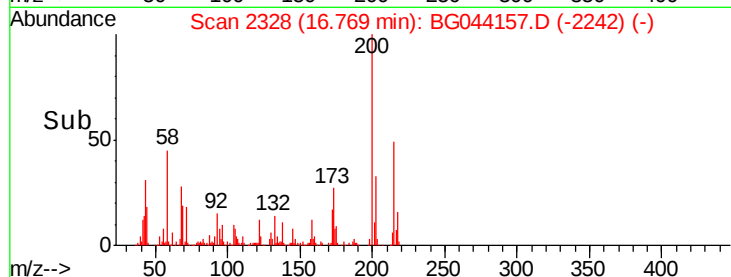
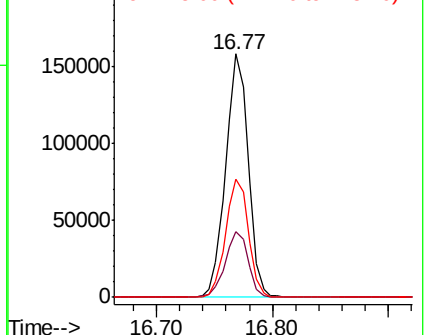
215 48.8 28.6 68.6



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: 72.813 ng

RT: 16.96 min Scan# 2361

Delta R.T. -0.03 min

Lab File: BG044157.D

Acq: 22 Jan 2020 14:23

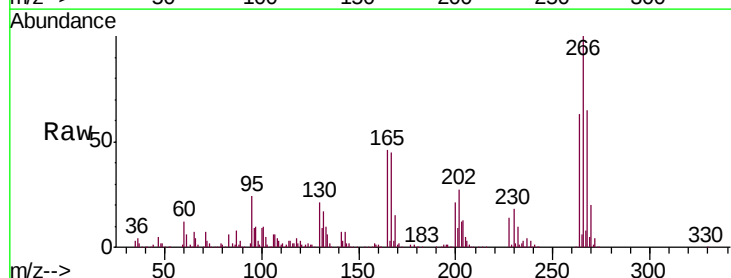
Tgt Ion:266 Resp: 231357

Ion Ratio Lower Upper

266 100

268 64.9 52.6 79.0

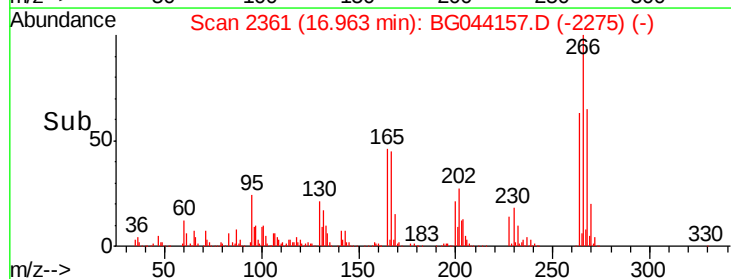
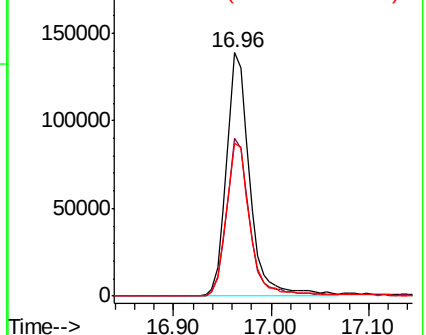
264 63.0 50.8 76.2



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

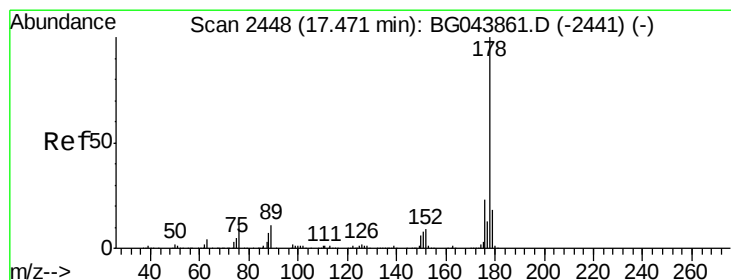
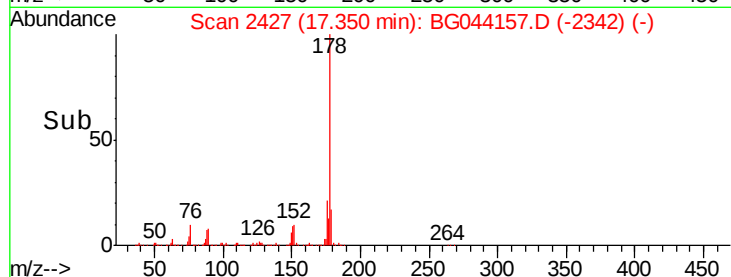
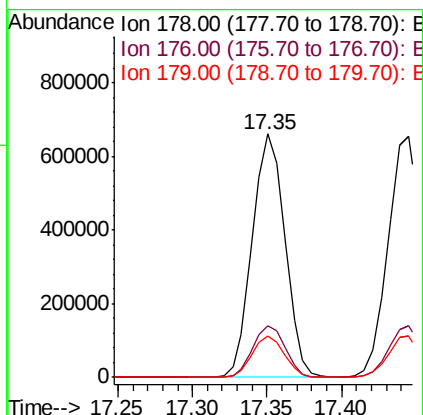
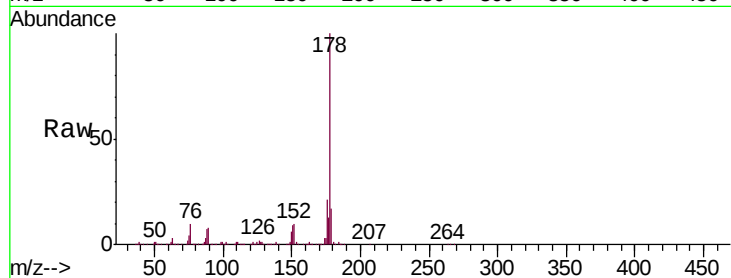




#71
Phenanthrene
Concen: 43.842 ng
RT: 17.35 min Scan# 2427
Delta R.T. -0.03 min
Lab File: BG044157.D
Acq: 22 Jan 2020 14:23

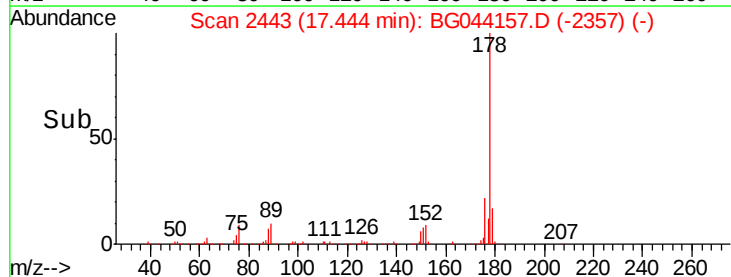
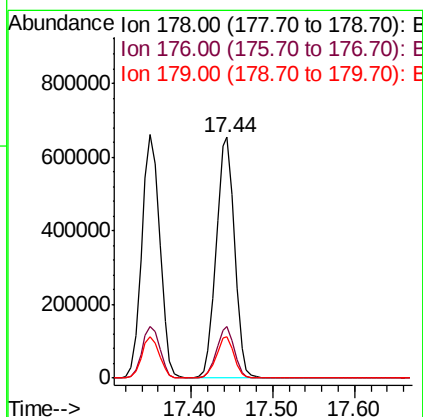
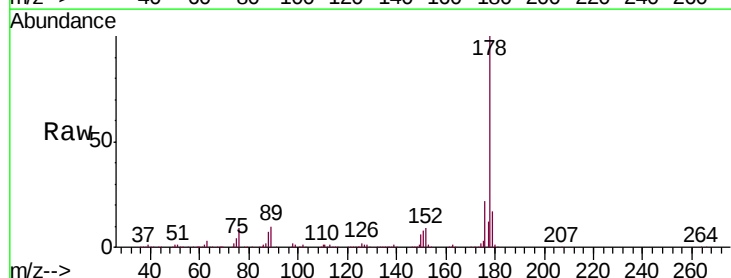
Instrument :
BNA_G
ClientSampleId :
PB126265BS

Tgt Ion:178 Resp: 1000175
Ion Ratio Lower Upper
178 100
176 21.1 18.6 28.0
179 16.9 14.4 21.6



#72
Anthracene
Concen: 45.266 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.03 min
Lab File: BG044157.D
Acq: 22 Jan 2020 14:23

Tgt Ion:178 Resp: 1020574
Ion Ratio Lower Upper
178 100
176 21.7 18.3 27.5
179 17.0 14.6 22.0





#73

Carbazole

Concen: 43.873 ng

RT: 17.71 min Scan# 2488

Delta R.T. -0.03 min

Lab File: BG044157.D

Acq: 22 Jan 2020 14:23

Instrument :

BNA_G

ClientSampleId :

PB126265BS

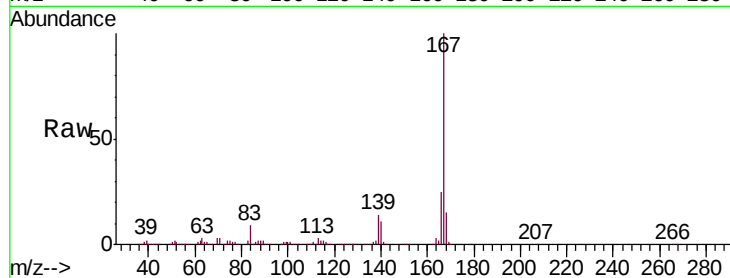
Tgt Ion:167 Resp: 913702

Ion Ratio Lower Upper

167 100

166 24.6 21.6 32.4

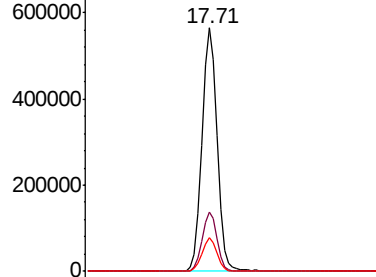
139 14.0 12.1 18.1



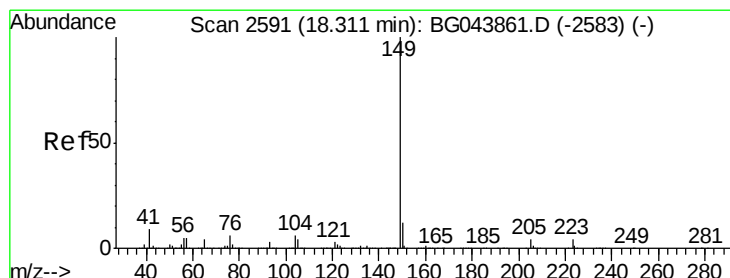
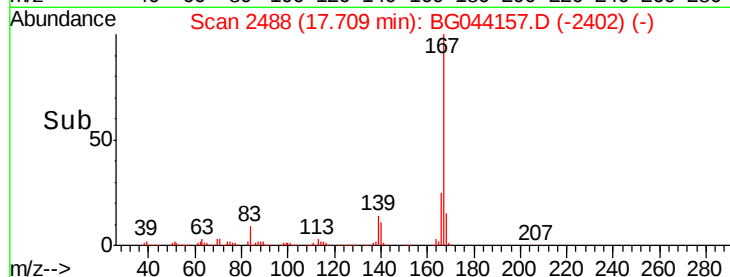
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 42.477 ng

RT: 18.28 min Scan# 2585

Delta R.T. -0.03 min

Lab File: BG044157.D

Acq: 22 Jan 2020 14:23

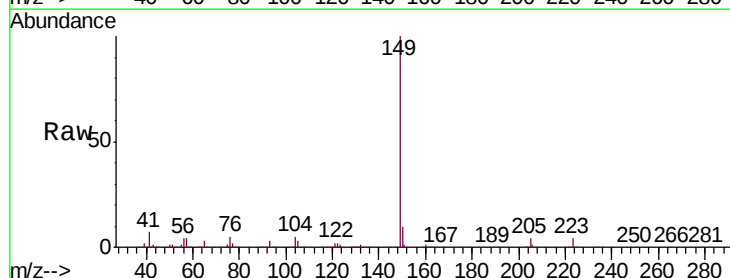
Tgt Ion:149 Resp: 1129462

Ion Ratio Lower Upper

149 100

150 10.4 9.7 14.5

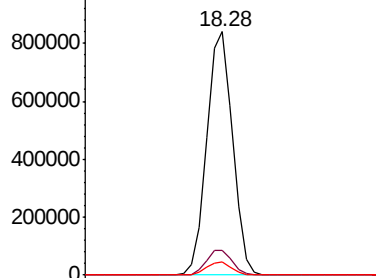
104 5.4 5.0 7.4



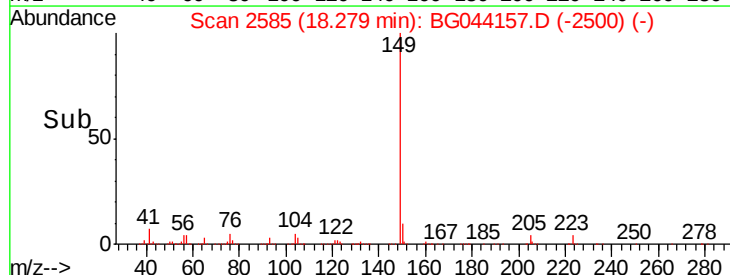
Abundance Ion 149.00 (148.70 to 149.70): E

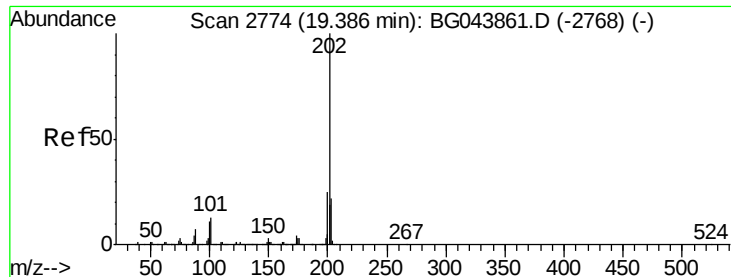
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#75

Fluoranthene

Concen: 43.397 ng

RT: 19.36 min Scan# 2769

Delta R.T. -0.03 min

Lab File: BG044157.D

Acq: 22 Jan 2020 14:23

Instrument :

BNA_G

ClientSampleId :

PB126265BS

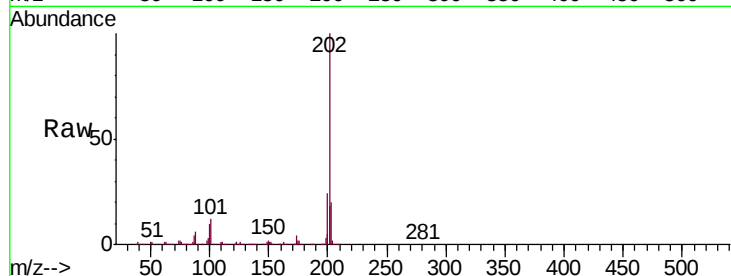
Tgt Ion:202 Resp: 1132244

Ion Ratio Lower Upper

202 100

101 12.2 0.0 33.3

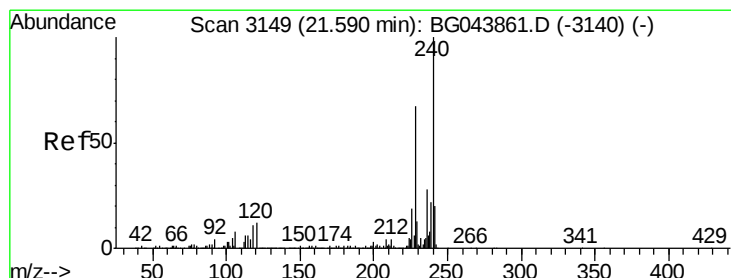
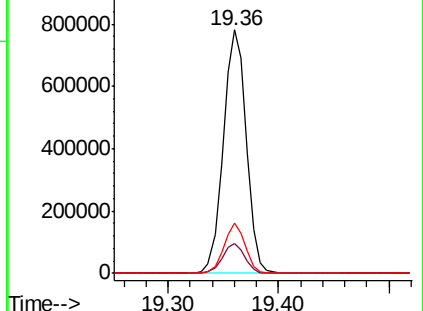
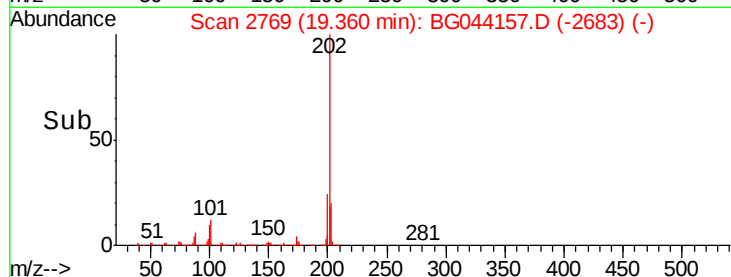
203 20.5 1.6 41.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.56 min Scan# 3143

Delta R.T. -0.03 min

Lab File: BG044157.D

Acq: 22 Jan 2020 14:23

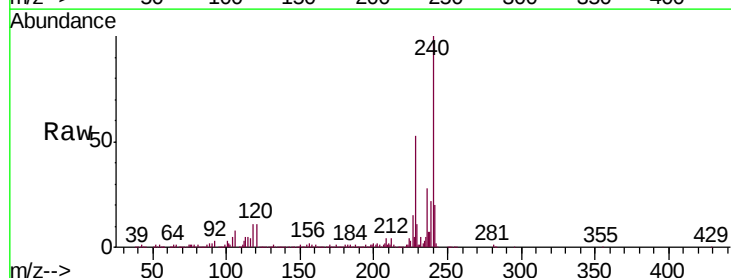
Tgt Ion:240 Resp: 402200

Ion Ratio Lower Upper

240 100

120 10.9 9.6 14.4

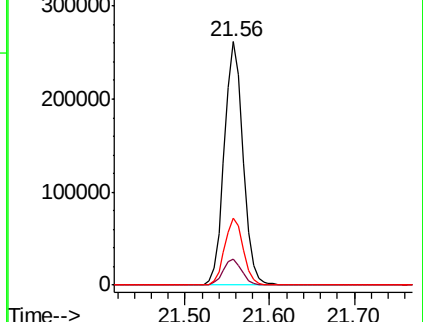
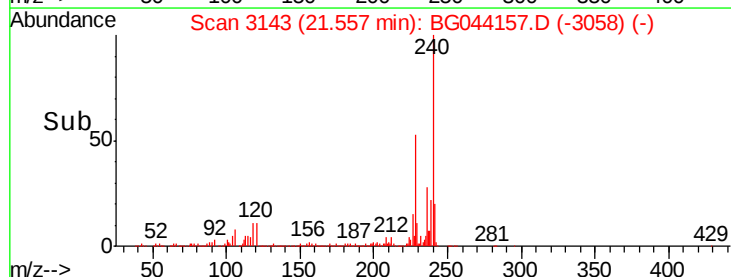
236 27.6 22.2 33.2

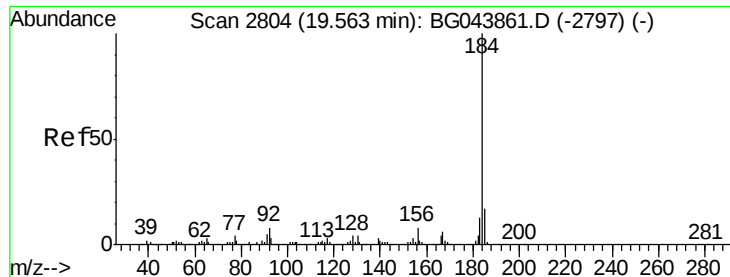


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

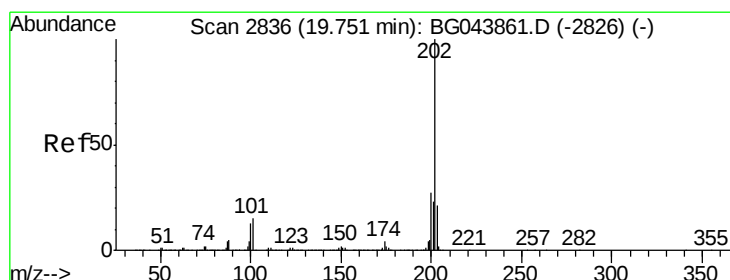
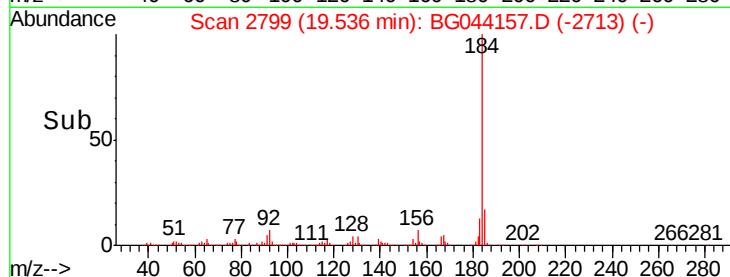
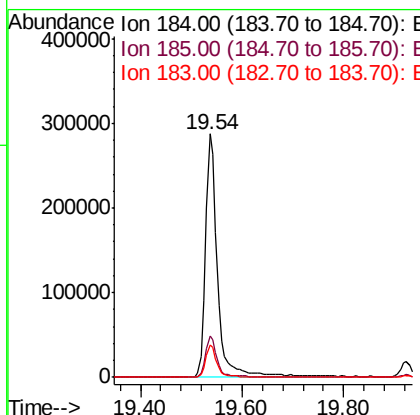
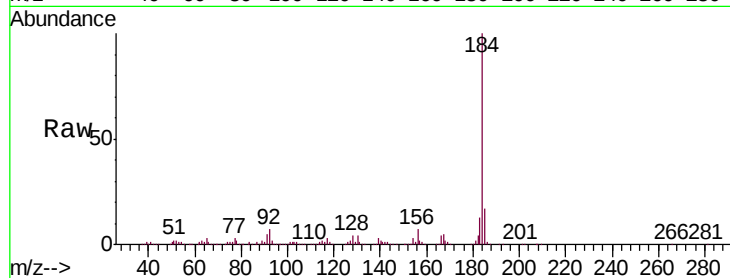




#77
Benzidine
Concen: 47.381 ng
RT: 19.54 min Scan# 2799
Delta R.T. -0.03 min
Lab File: BG044157.D
Acq: 22 Jan 2020 14:23

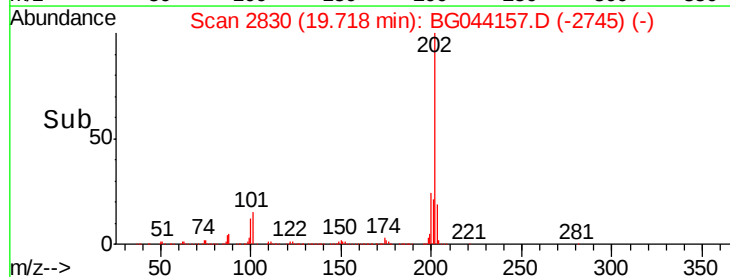
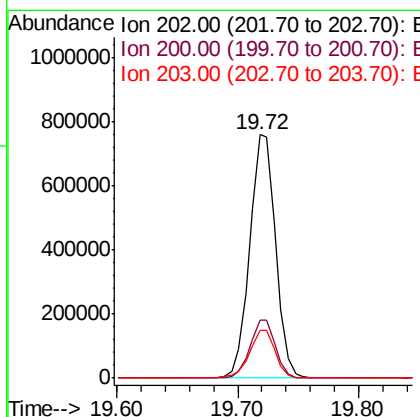
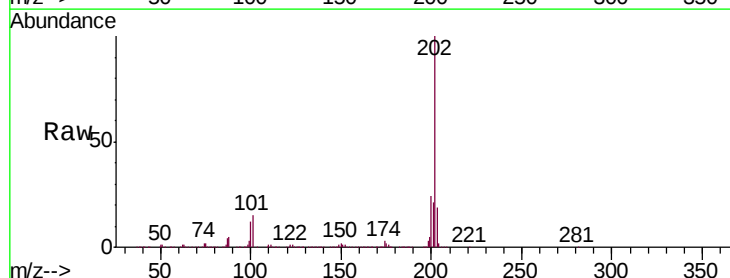
Instrument :
BNA_G
ClientSampleId :
PB126265BS

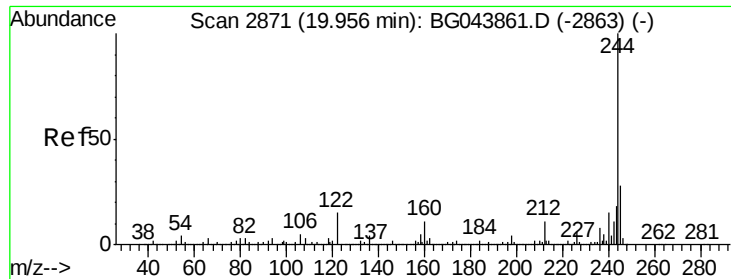
Tgt Ion:184 Resp: 479006
Ion Ratio Lower Upper
184 100
185 17.0 13.4 20.0
183 13.1 10.6 15.8



#78
Pyrene
Concen: 43.157 ng
RT: 19.72 min Scan# 2830
Delta R.T. -0.03 min
Lab File: BG044157.D
Acq: 22 Jan 2020 14:23

Tgt Ion:202 Resp: 1133012
Ion Ratio Lower Upper
202 100
200 23.8 21.7 32.5
203 19.4 17.0 25.6





#79

Terphenyl-d14

Concen: 86.604 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044157.D

Acq: 22 Jan 2020 14:23

Instrument :

BNA_G

ClientSampleId :

PB126265BS

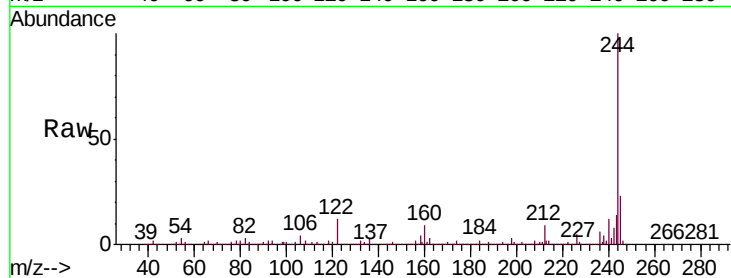
Tgt Ion:244 Resp: 1437516

Ion Ratio Lower Upper

244 100

212 8.9 8.6 13.0

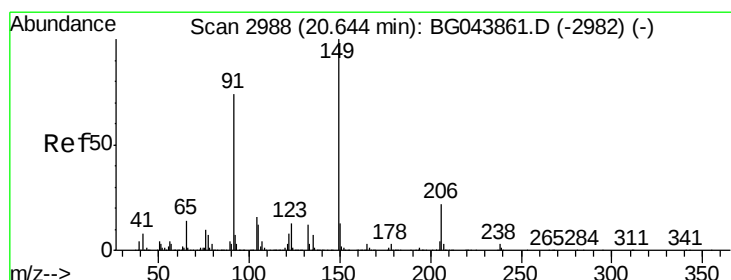
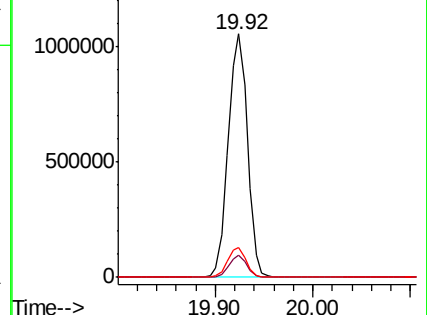
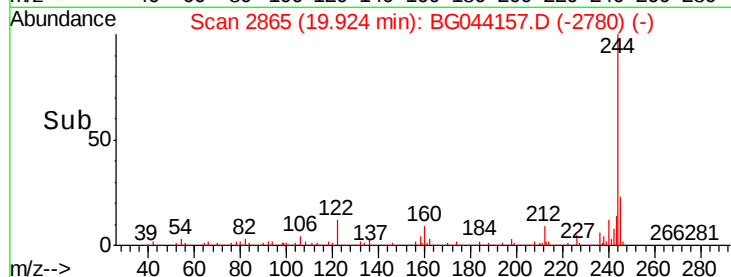
122 12.2 11.9 17.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.807 ng

RT: 20.61 min Scan# 2982

Delta R.T. -0.03 min

Lab File: BG044157.D

Acq: 22 Jan 2020 14:23

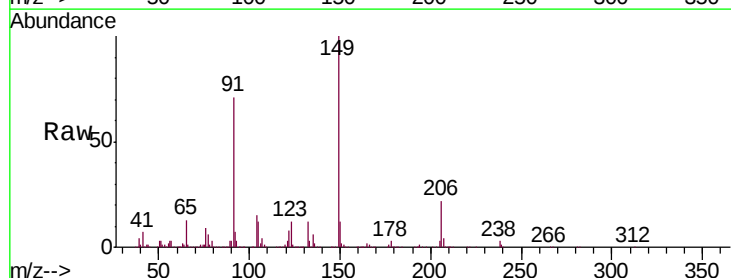
Tgt Ion:149 Resp: 522548

Ion Ratio Lower Upper

149 100

91 71.5 59.5 89.3

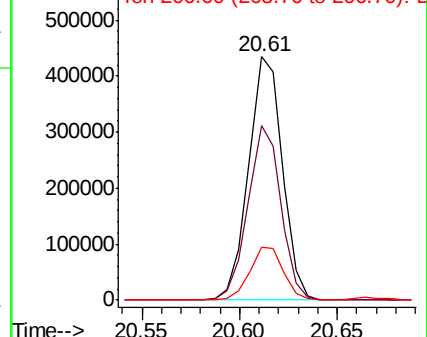
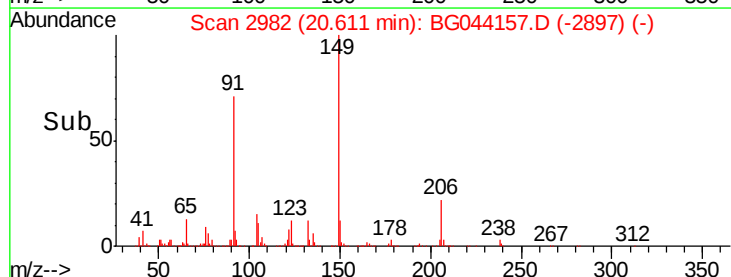
206 21.6 17.8 26.6

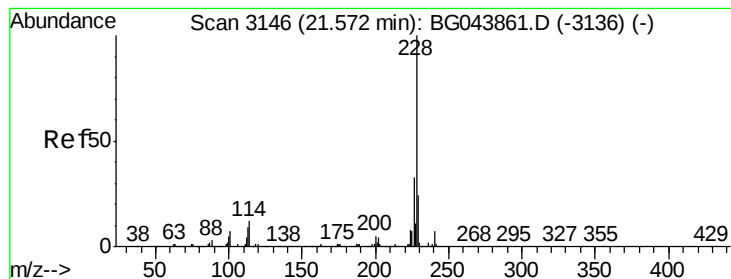


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.246 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.03 min

Lab File: BG044157.D

Acq: 22 Jan 2020 14:23

Instrument :

BNA_G

ClientSampleId :

PB126265BS

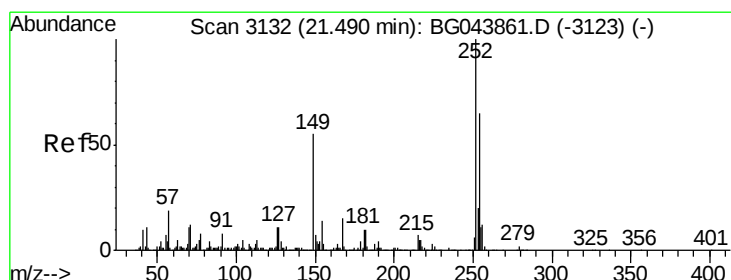
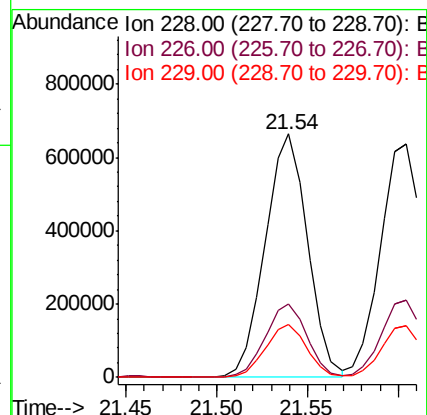
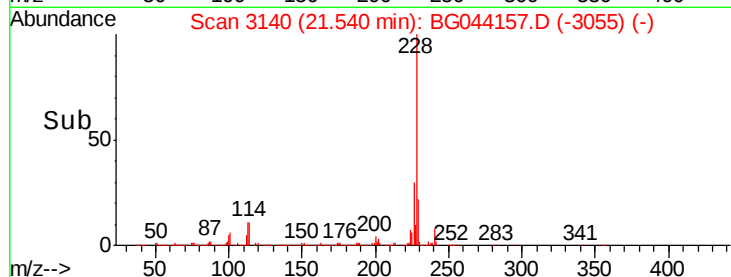
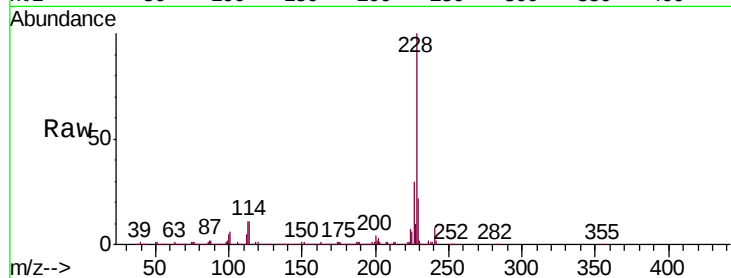
Tgt Ion:228 Resp: 1078523

Ion Ratio Lower Upper

228 100

226 30.2 26.2 39.4

229 21.6 18.9 28.3



#82

3,3'-Dichlorobenzidine

Concen: 30.595 ng

RT: 21.46 min Scan# 3126

Delta R.T. -0.03 min

Lab File: BG044157.D

Acq: 22 Jan 2020 14:23

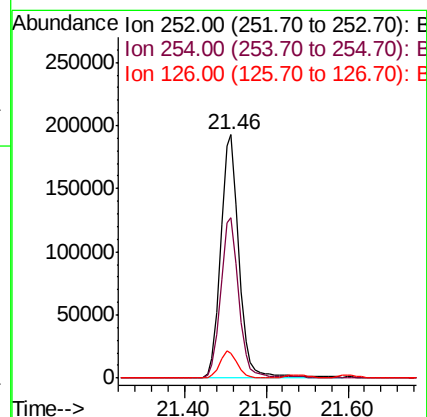
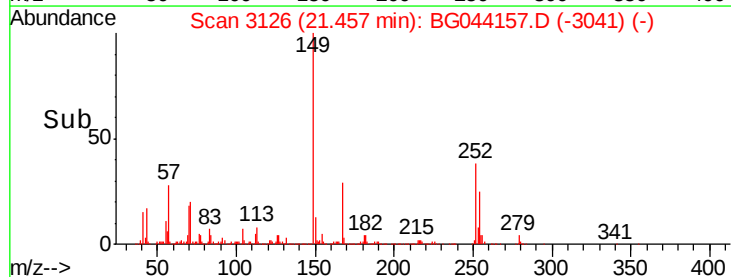
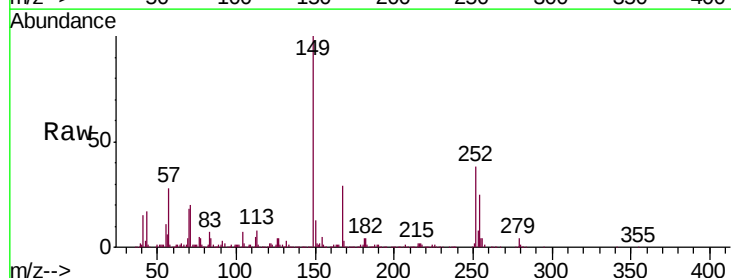
Tgt Ion:252 Resp: 301445

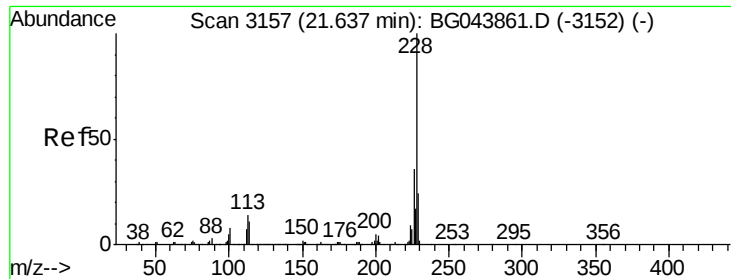
Ion Ratio Lower Upper

252 100

254 65.8 52.1 78.1

126 10.3 9.1 13.7





#83

Chrysene

Concen: 43.931 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.03 min

Lab File: BG044157.D

Acq: 22 Jan 2020 14:23

Instrument :

BNA_G

ClientSampleId :

PB126265BS

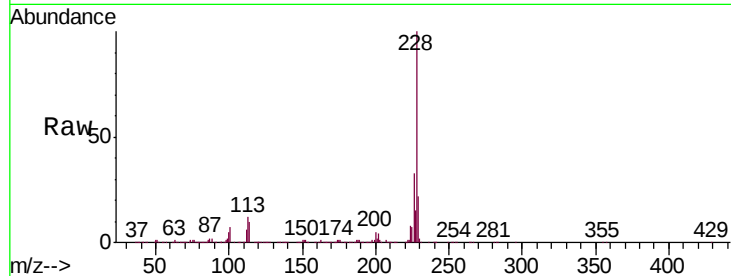
Tgt Ion:228 Resp: 1041043

Ion Ratio Lower Upper

228 100

226 33.0 28.8 43.2

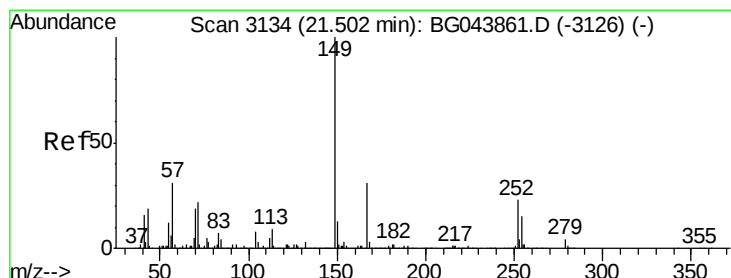
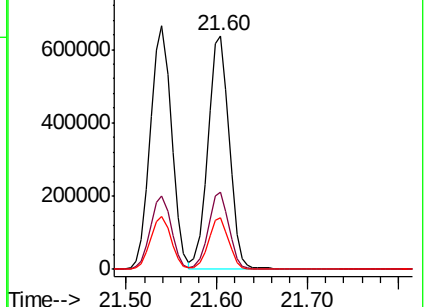
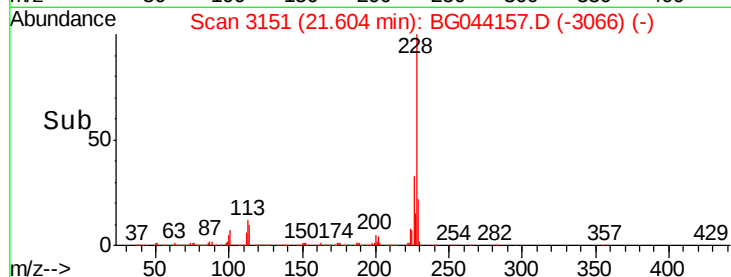
229 22.0 19.0 28.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.713 ng

RT: 21.46 min Scan# 3127

Delta R.T. -0.04 min

Lab File: BG044157.D

Acq: 22 Jan 2020 14:23

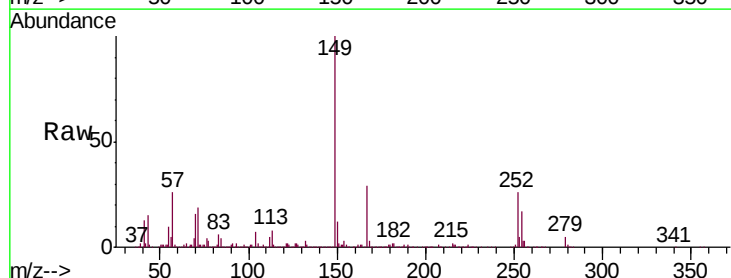
Tgt Ion:149 Resp: 736629

Ion Ratio Lower Upper

149 100

167 28.8 24.7 37.1

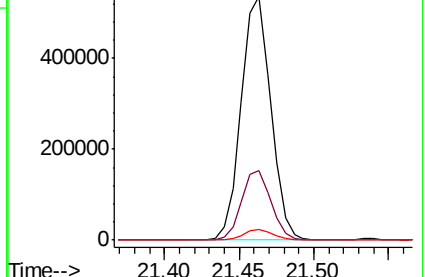
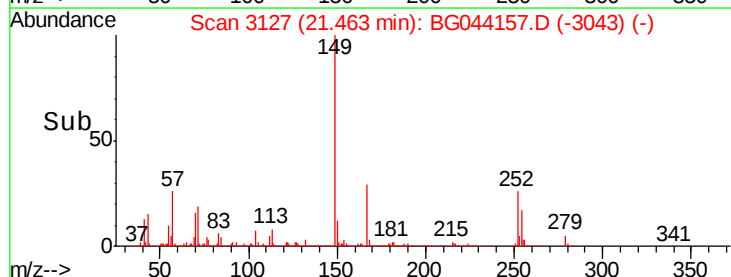
279 4.6 3.3 4.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

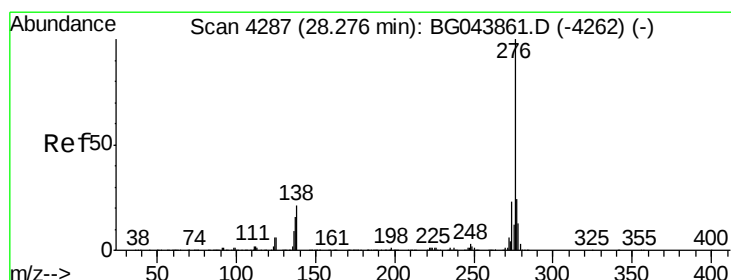
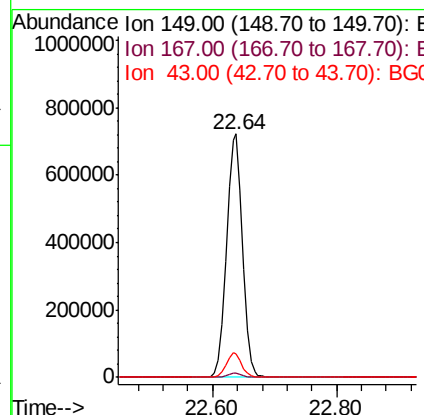
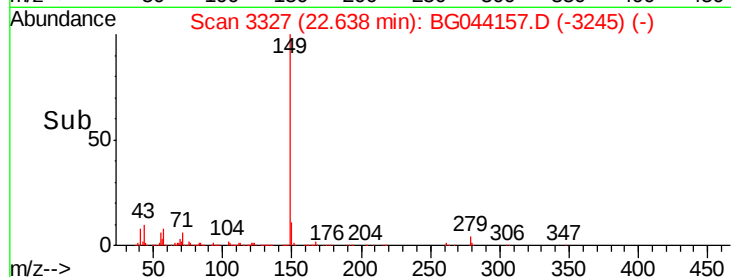
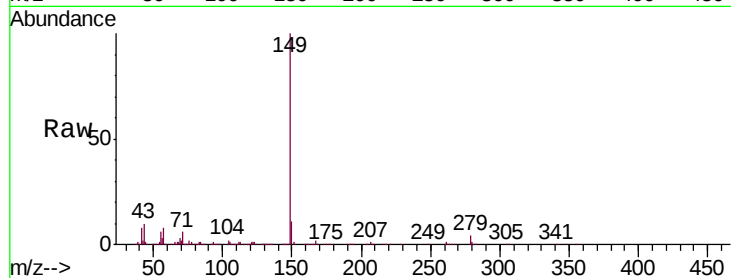




#85
Di-n-octyl phthalate
Concen: 44.436 ng
RT: 22.64 min Scan# 3327
Delta R.T. -0.05 min
Lab File: BG044157.D
Acq: 22 Jan 2020 14:23

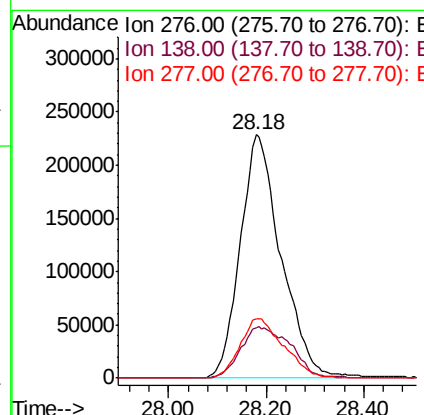
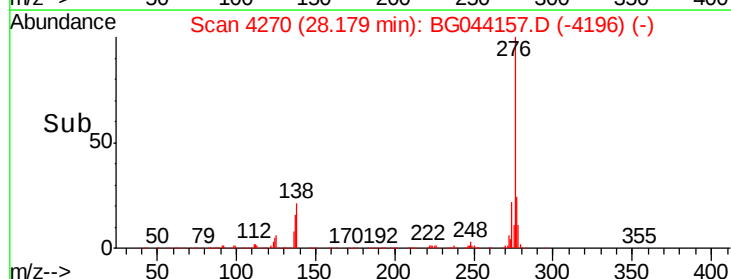
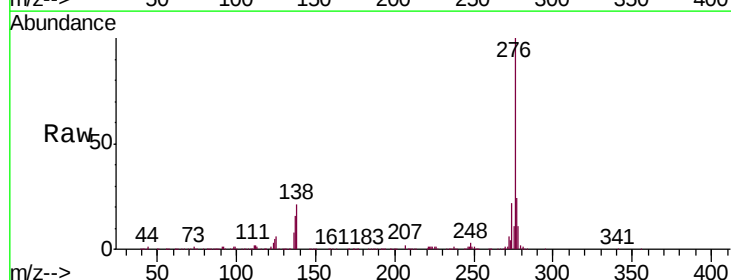
Instrument :
BNA_G
ClientSampleId :
PB126265BS

Tgt Ion:149 Resp: 1288345
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 9.6 8.8 13.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.050 ng
RT: 28.18 min Scan# 4270
Delta R.T. -0.10 min
Lab File: BG044157.D
Acq: 22 Jan 2020 14:23

Tgt Ion:276 Resp: 1321991
Ion Ratio Lower Upper
276 100
138 26.0 21.0 31.4
277 26.3 21.1 31.7





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.66 min Scan# 3671

Delta R.T. -0.06 min

Lab File: BG044157.D

Acq: 22 Jan 2020 14:23

Instrument :

BNA_G

ClientSampleId :

PB126265BS

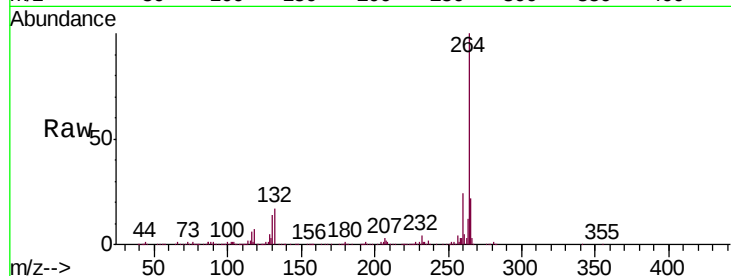
Tgt Ion:264 Resp: 461939

Ion Ratio Lower Upper

264 100

260 23.6 20.4 30.6

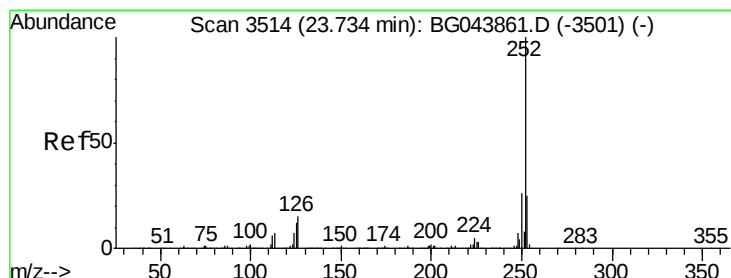
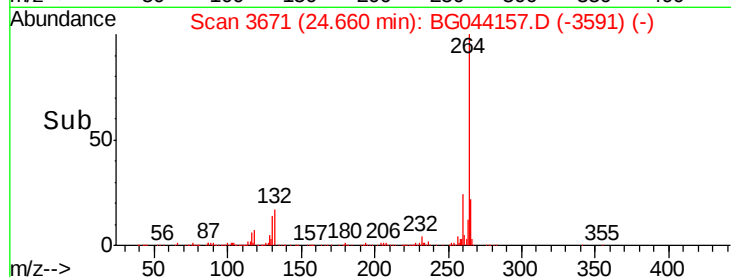
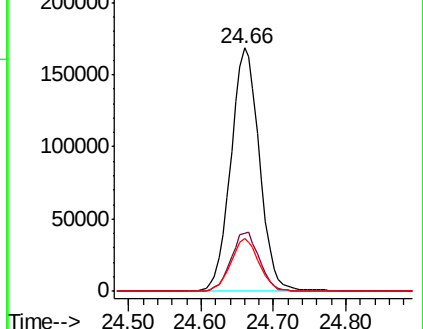
265 22.0 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.578 ng

RT: 23.68 min Scan# 3504

Delta R.T. -0.06 min

Lab File: BG044157.D

Acq: 22 Jan 2020 14:23

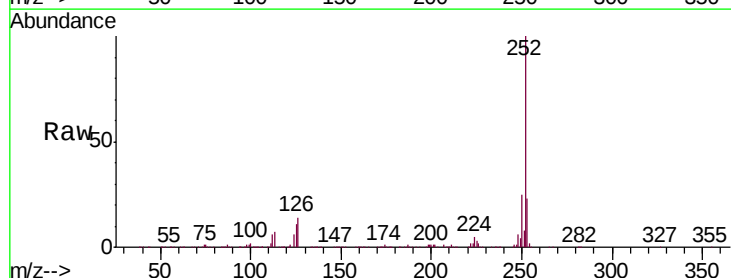
Tgt Ion:252 Resp: 1135451

Ion Ratio Lower Upper

252 100

253 23.1 19.7 29.5

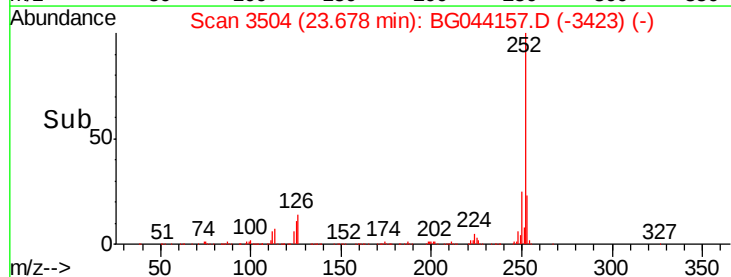
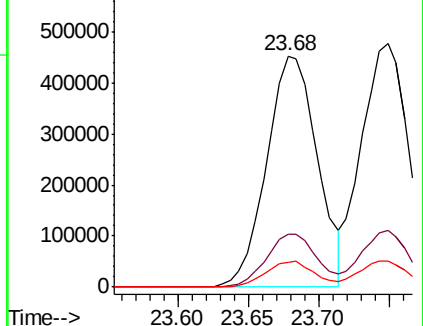
125 11.0 9.4 14.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

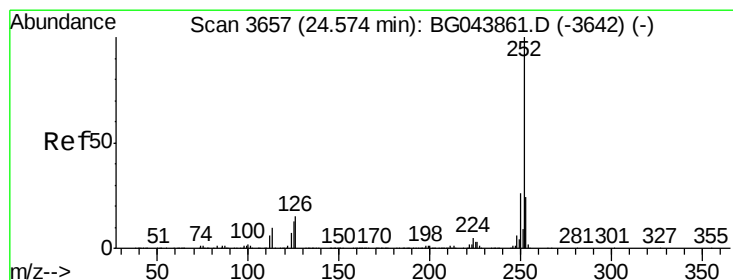
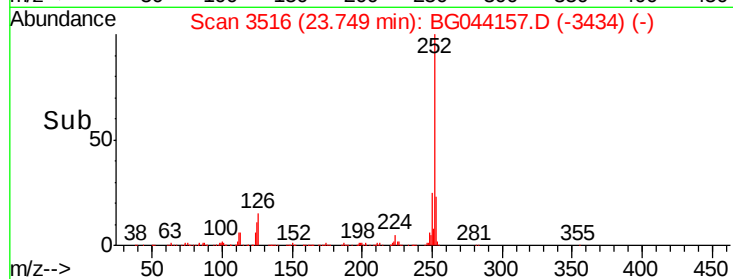
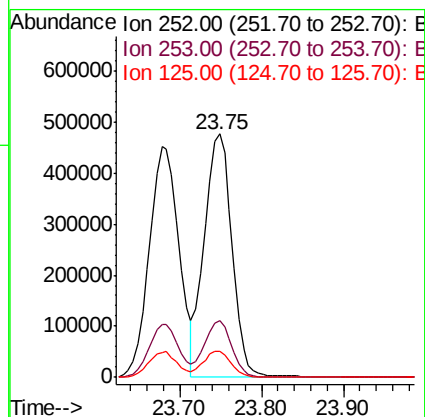
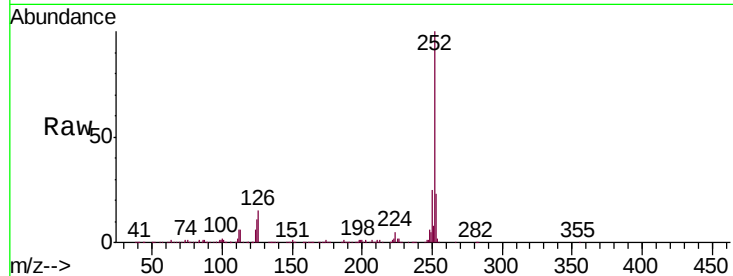




#89
Benzo(k)fluoranthene
Concen: 43.084 ng
RT: 23.75 min Scan# 3516
Delta R.T. -0.05 min
Lab File: BG044157.D
Acq: 22 Jan 2020 14:23

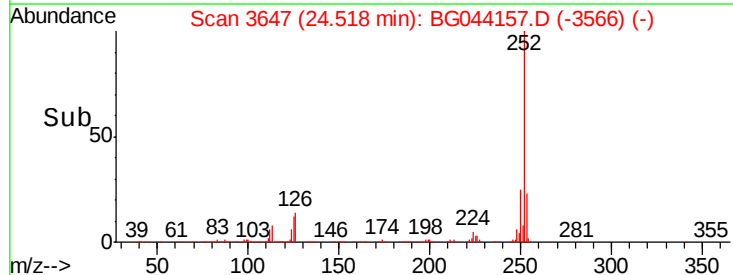
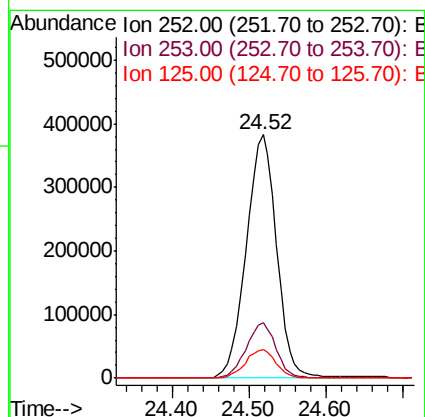
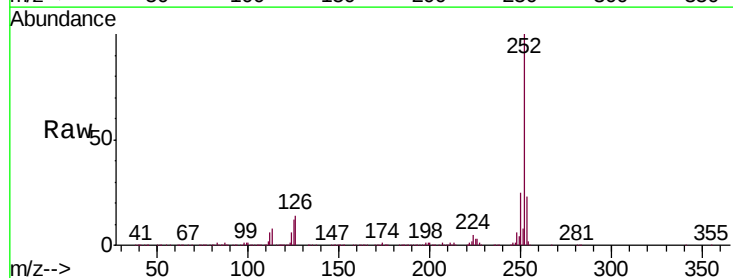
Instrument :
BNA_G
ClientSampleId :
PB126265BS

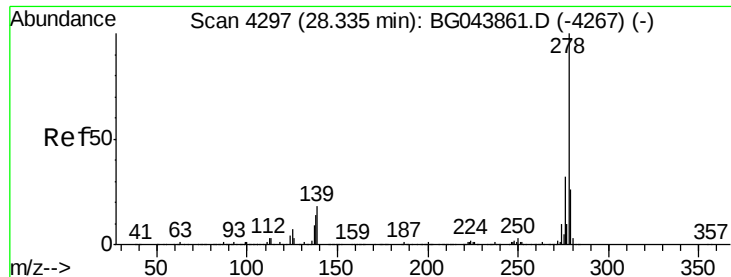
Tgt Ion:252 Resp: 1118834
Ion Ratio Lower Upper
252 100
253 23.3 19.4 29.2
125 10.8 9.9 14.9



#90
Benzo(a)pyrene
Concen: 40.958 ng
RT: 24.52 min Scan# 3647
Delta R.T. -0.06 min
Lab File: BG044157.D
Acq: 22 Jan 2020 14:23

Tgt Ion:252 Resp: 1055683
Ion Ratio Lower Upper
252 100
253 22.7 19.3 28.9
125 11.9 10.4 15.6





#91

Dibenzo(a,h)anthracene

Concen: 42.473 ng

RT: 28.24 min Scan# 4281

Delta R.T. -0.09 min

Lab File: BG044157.D

Acq: 22 Jan 2020 14:23

Instrument :

BNA_G

ClientSampleId :

PB126265BS

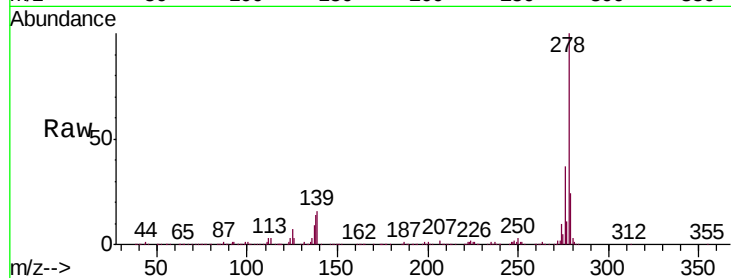
Tgt Ion:278 Resp: 1099421

Ion Ratio Lower Upper

278 100

139 16.0 14.2 21.4

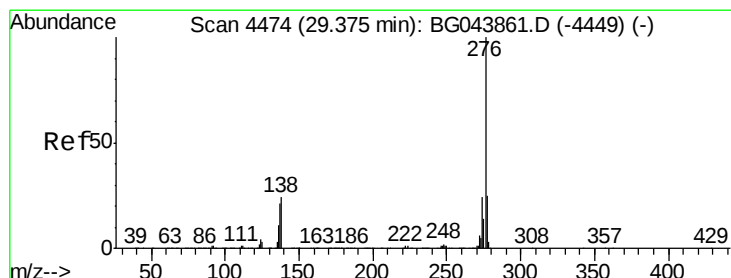
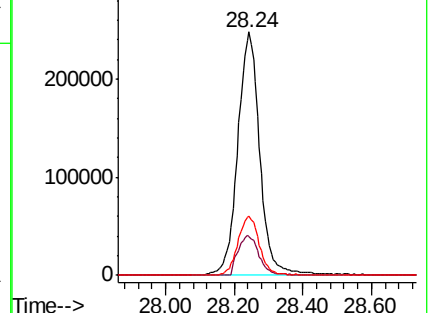
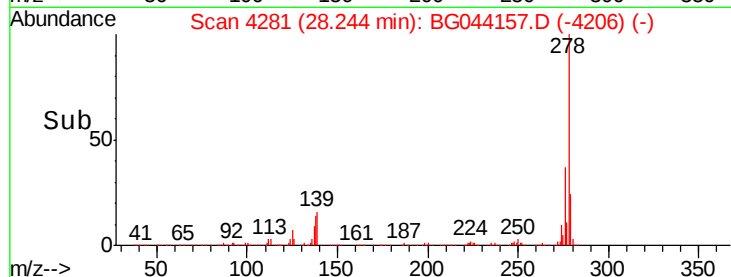
279 24.4 20.6 30.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.335 ng

RT: 29.28 min Scan# 4457

Delta R.T. -0.10 min

Lab File: BG044157.D

Acq: 22 Jan 2020 14:23

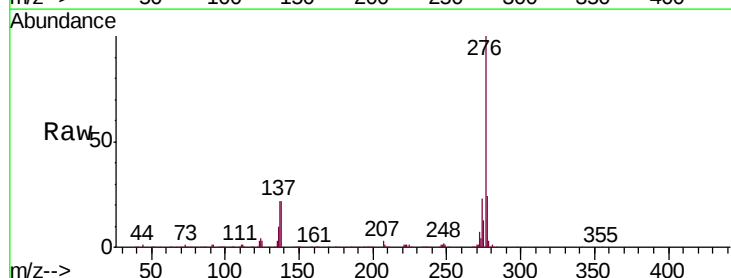
Tgt Ion:276 Resp: 1114230

Ion Ratio Lower Upper

276 100

277 24.2 20.2 30.4

138 22.3 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

