

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080219\
 Data File : BG041885.D
 Acq On : 2 Aug 2019 12:44
 Operator : HP/JU
 Sample : PB121894BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121894BS

Quant Time: Aug 02 18:13:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	87366	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	352001	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	249008	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	566041	20.00	ng	0.00
76) Chrysene-d12	21.73	240	577738	20.00	ng	0.00
87) Perylene-d12	25.00	264	622457	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	581739	129.55	ng	0.00
7) Phenol-d6	7.20	99	746117	123.25	ng	0.00
23) Nitrobenzene-d5	9.21	82	447740	87.53	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	376249	133.03	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1193778	84.56	ng	-0.01
79) Terphenyl-d14	20.06	244	1988798	78.77	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.46	88	86560	40.956	ng	93
3) Pyridine	3.86	79	199727	34.461	ng	92
4) n-Nitrosodimethylamine	3.78	42	101522	44.187	ng	93
6) Aniline	7.35	93	266385	31.250	ng	95
8) 2-Chlorophenol	7.60	128	245914	47.825	ng	94
9) Benzaldehyde	7.17	77	121960	28.631	ng	94
10) Phenol	7.22	94	290803	46.174	ng	98
11) bis(2-Chloroethyl)ether	7.45	93	218551	42.211	ng	93
12) 1,3-Dichlorobenzene	7.93	146	280407	41.783	ng	98
13) 1,4-Dichlorobenzene	8.08	146	286516	42.668	ng	98
14) 1,2-Dichlorobenzene	8.40	146	268784	41.948	ng	96
15) Benzyl Alcohol	8.28	79	206498	43.358	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	364754	39.598	ng	95
17) 2-Methylphenol	8.48	107	201728	44.043	ng	99
18) Hexachloroethane	9.14	117	97254	42.293	ng	# 84
19) n-Nitroso-di-n-propylamine	8.85	70	173992	39.588	ng	90
20) 3+4-Methylphenols	8.81	107	279812	44.642	ng	99
22) Acetophenone	8.86	105	338519	42.995	ng	# 93
24) Nitrobenzene	9.25	77	252082	46.779	ng	96
25) Isophorone	9.78	82	458725	41.226	ng	98
26) 2-Nitrophenol	9.96	139	138150	55.238	ng	94
27) 2,4-Dimethylphenol	10.03	122	231905	52.538	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	288948	41.555	ng	99
29) 2,4-Dichlorophenol	10.51	162	265504	49.393	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	295927	43.413	ng	97
31) Naphthalene	10.92	128	717968	44.566	ng	98
32) Benzoic acid	10.16	122	134844	43.715	ng	94
33) 4-Chloroaniline	11.02	127	177173	23.191	ng	95
34) Hexachlorobutadiene	11.21	225	195656	42.529	ng	97
35) Caprolactam	11.79	113	80037m	42.844	ng	
36) 4-Chloro-3-methylphenol	12.14	107	251495	47.192	ng	99
37) 2-Methylnaphthalene	12.53	142	562010	44.073	ng	99
38) 1-Methylnaphthalene	12.74	142	532068	44.029	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	349513	44.342	ng	98

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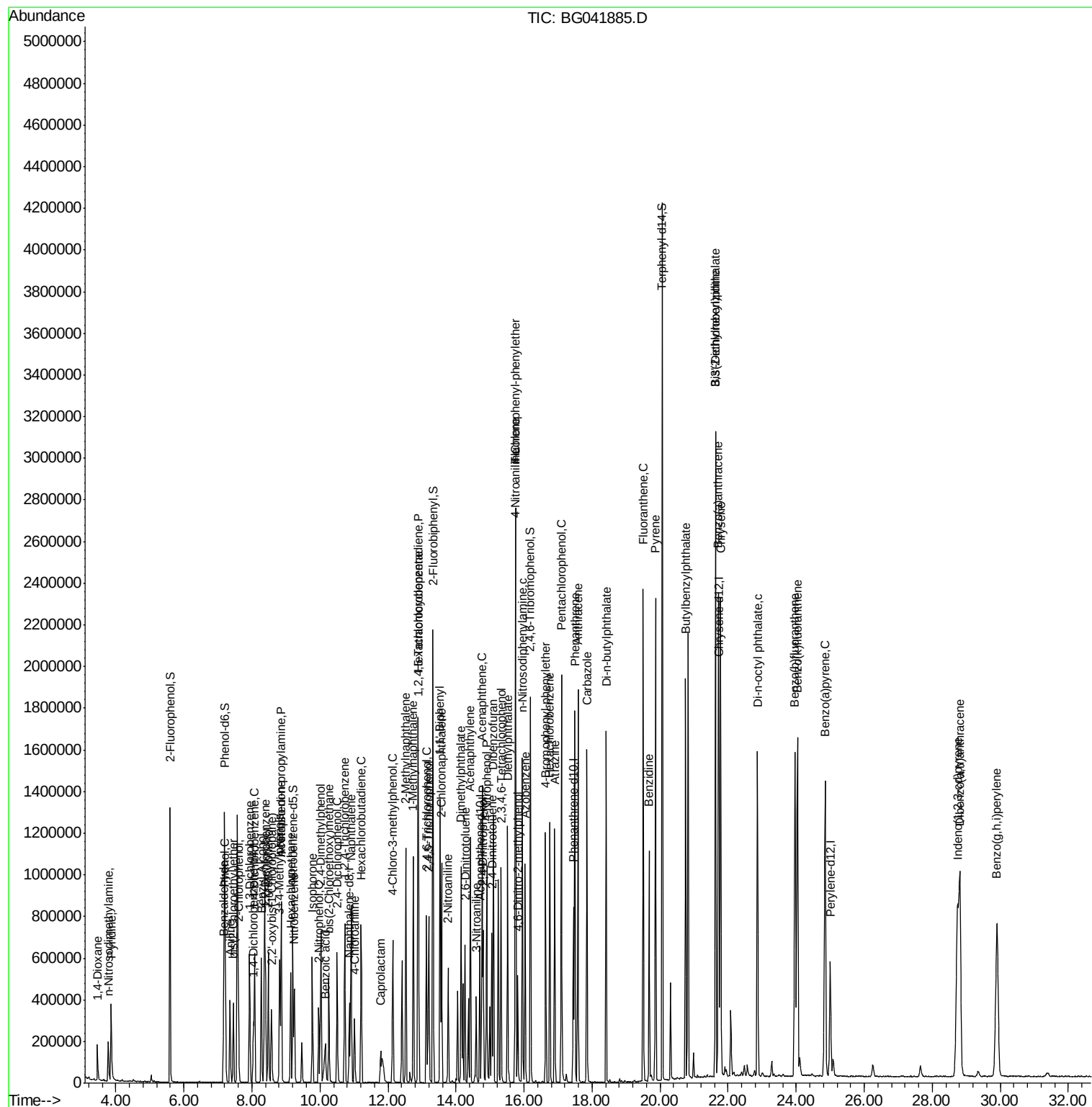
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	391297	88.298	nq	99
43) 2,4,6-Trichlorophenol	13.12	196	237525	47.678	nq	96
44) 2,4,5-Trichlorophenol	13.20	196	255114	49.278	nq	96
46) 1,1'-Biphenyl	13.53	154	709827	44.345	nq	96
47) 2-Chloronaphthalene	13.57	162	580928	42.627	nq	97
48) 2-Nitroaniline	13.77	65	160015	46.295	nq	92
49) Acenaphthylene	14.42	152	911012	44.689	nq	97
50) Dimethylphthalate	14.15	163	743371	43.712	nq	99
51) 2,6-Dinitrotoluene	14.26	165	176984	49.770	nq	88
52) Acenaphthene	14.76	154	641120	48.355	nq	98
53) 3-Nitroaniline	14.59	138	120623	31.707	nq	# 96
54) 2,4-Dinitrophenol	14.80	184	202592	89.792	nq	# 87
55) Dibenzofuran	15.10	168	897569	44.259	nq	97
56) 4-Nitrophenol	14.90	139	321718	111.408	nq	95
57) 2,4-Dinitrotoluene	15.05	165	248066	50.726	nq	90
58) Fluorene	15.75	166	727475	44.699	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	251691	49.087	nq	93
60) Diethylphthalate	15.52	149	736722	44.125	nq	100
61) 4-Chlorophenyl-phenylether	15.74	204	439377	44.223	nq	95
62) 4-Nitroaniline	15.76	138	183387	44.505	nq	98
63) Azobenzene	16.03	77	588533	43.152	nq	96
65) 4,6-Dinitro-2-methylphenol	15.82	198	151288	53.665	nq	88
66) n-Nitrosodiphenylamine	15.95	169	678978	44.036	nq	96
67) 4-Bromophenyl-phenylether	16.64	248	297927	42.729	nq	95
68) Hexachlorobenzene	16.76	284	299941	41.119	nq	96
69) Atrazine	16.90	200	262897	43.396	nq	99
70) Pentachlorophenol	17.10	266	415527	100.275	nq	98
71) Phenanthrene	17.50	178	1211318	44.645	nq	96
72) Anthracene	17.58	178	1227695	45.370	nq	96
73) Carbazole	17.85	167	1100025	45.292	nq	96
74) Di-n-butylphthalate	18.41	149	1258996	45.725	nq	96
75) Fluoranthene	19.50	202	1533750	46.506	nq	93
77) Benzidine	19.68	184	698251	37.028	nq	100
78) Pyrene	19.86	202	1544010	45.107	nq	93
80) Butylbenzylphthalate	20.75	149	606712	46.230	nq	90
81) Benzo(a)anthracene	21.71	228	1512855	44.259	nq	95
82) 3,3'-Dichlorobenzidine	21.63	252	446855	32.561	nq	98
83) Chrysene	21.78	228	1469591	44.852	nq	96
84) Bis(2-ethylhexyl)phthalate	21.63	149	837984	46.289	nq	99
85) Di-n-octyl phthalate	22.86	149	1450351	47.604	nq	# 91
86) Indeno(1,2,3-cd)pyrene	28.74	276	1948107	44.914	nq	# 91
88) Benzo(b)fluoranthene	23.96	252	1688367	49.583	nq	97
89) Benzo(k)fluoranthene	24.04	252	1624298	48.970	nq	# 96
90) Benzo(a)pyrene	24.85	252	1657267	50.747	nq	# 95
91) Dibenzo(a,h)anthracene	28.81	278	1606677	50.104	nq	# 96
92) Benzo(g,h,i)perylene	29.90	276	1612233	50.324	nq	# 95

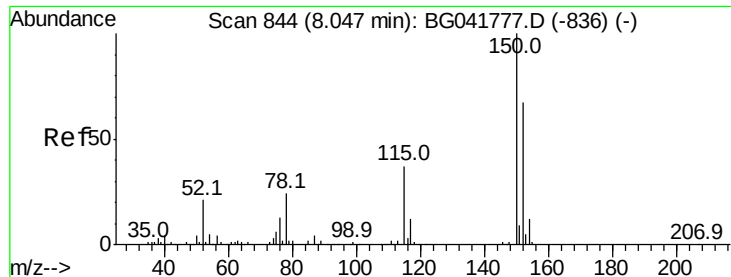
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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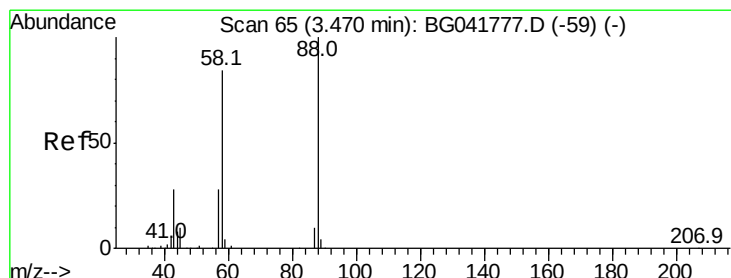
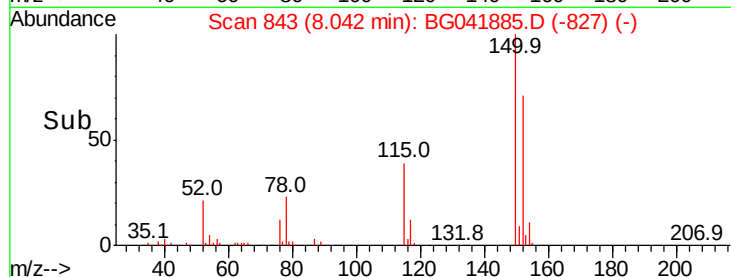
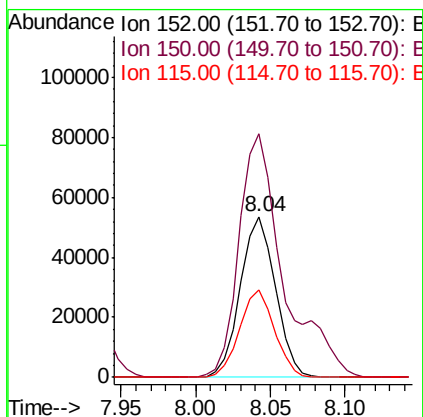
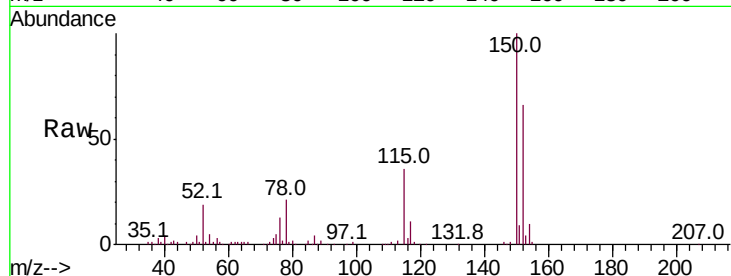


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG041885.D
Acq: 2 Aug 2019 12:44

Instrument :
BNA_G
ClientSampleId :
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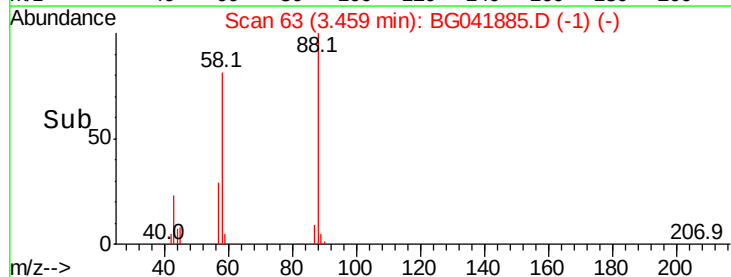
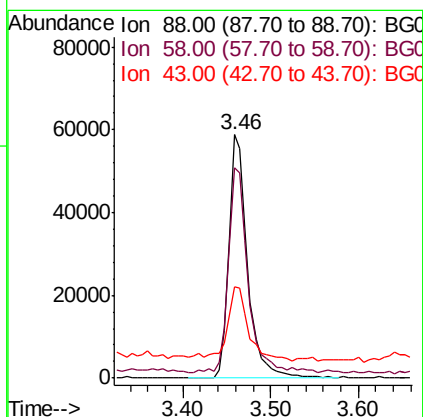
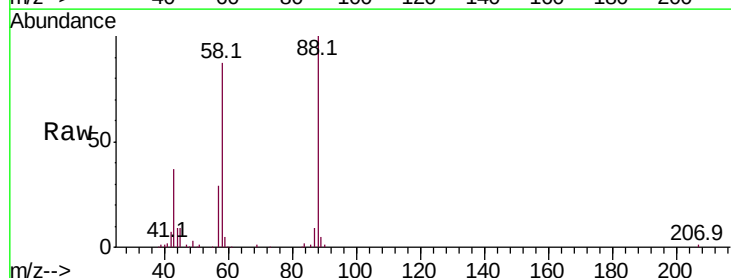
Tot Ion:152 Resp: 87366
Ion Ratio Lower Upper
152 100
150 151.7 126.9 190.3
115 54.4 45.0 67.6

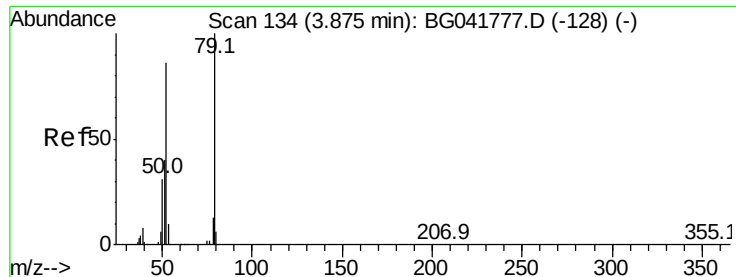


#2

1,4-Dioxane
Concen: 40.956 ng
RT: 3.46 min Scan# 63
Delta R.T. -0.01 min
Lab File: BG041885.D
Acq: 2 Aug 2019 12:44

Tgt Ion: 88 Resp: 86560
Ion Ratio Lower Upper
88 100
58 86.0 76.2 114.2
43 33.1 27.2 40.8





#3

Pvridine

Concen: 34.461 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.02 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB121894BS

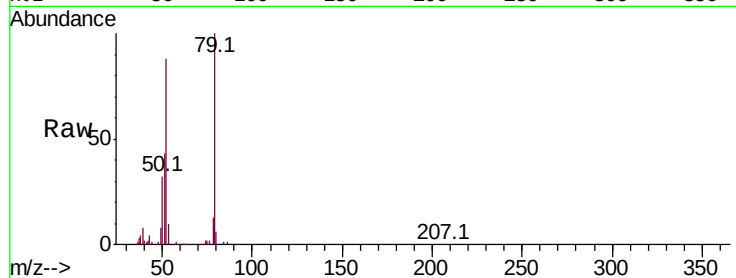
Tot Ion: 79 Resp: 199727

Ion Ratio Lower Upper

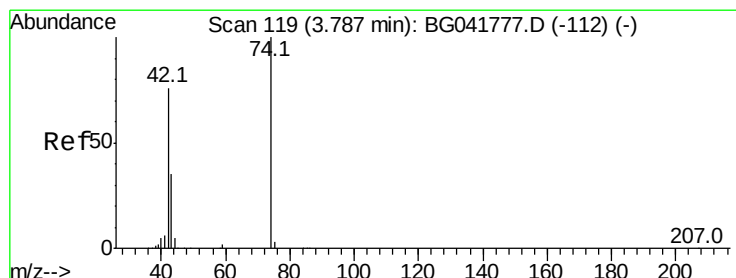
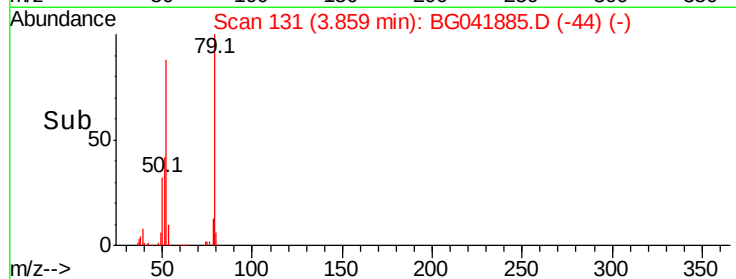
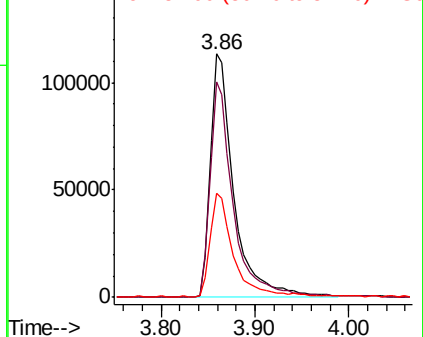
79 100

52 88.4 77.1 115.7

51 42.7 37.8 56.8



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: 44.187 ng

RT: 3.78 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

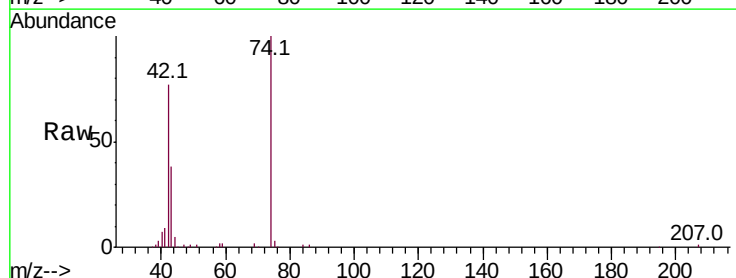
Tgt Ion: 42 Resp: 101522

Ion Ratio Lower Upper

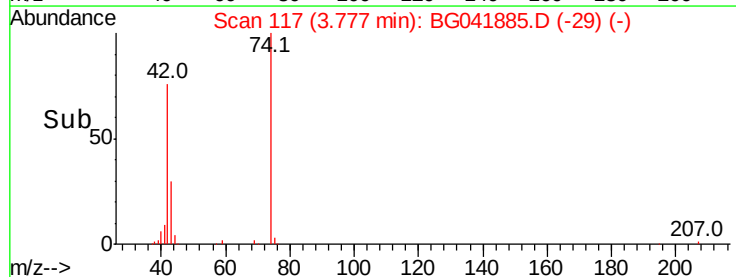
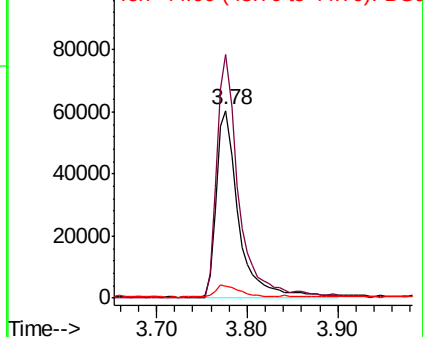
42 100

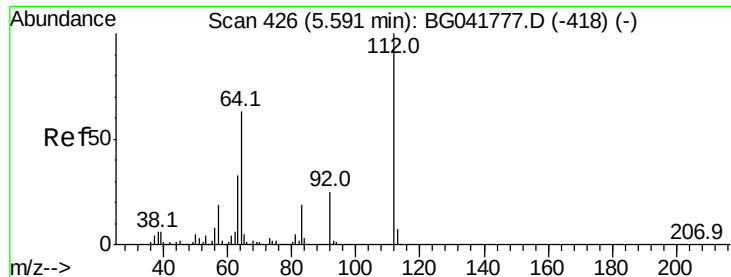
74 129.8 97.4 146.2

44 6.7 6.6 9.8



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: 129.552 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

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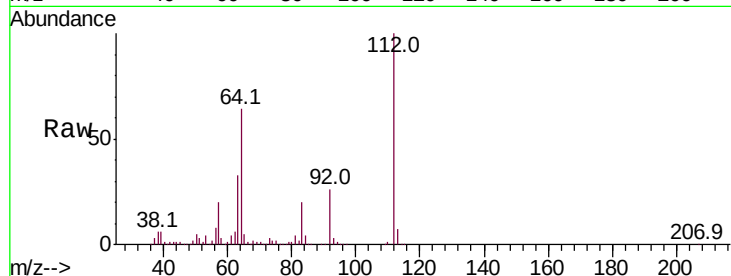
Tot Ion:112 Resp: 581739

Ion Ratio Lower Upper

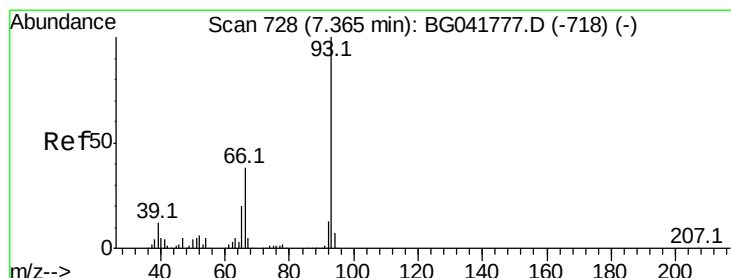
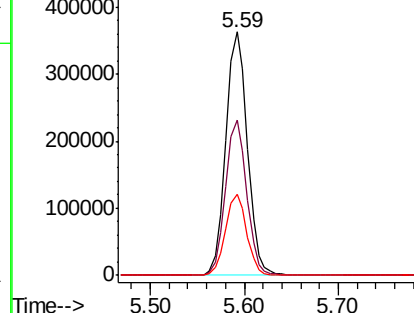
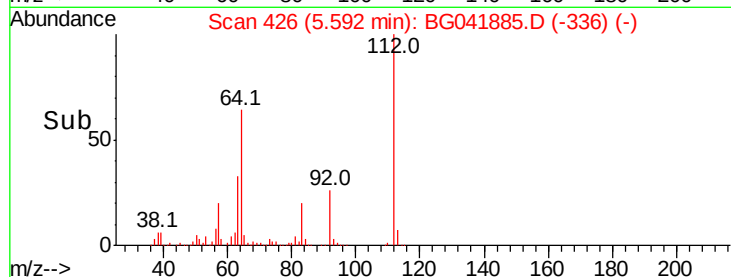
112 100

64 63.9 55.4 83.2

63 33.4 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 31.250 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.01 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

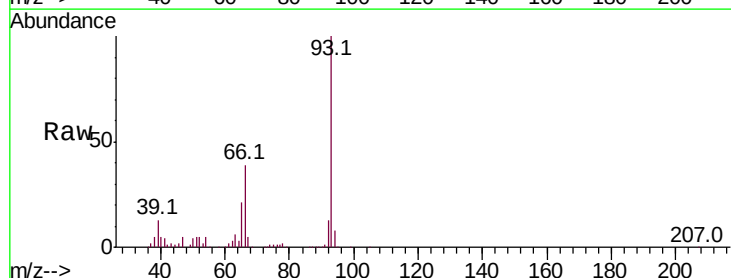
Tgt Ion: 93 Resp: 266385

Ion Ratio Lower Upper

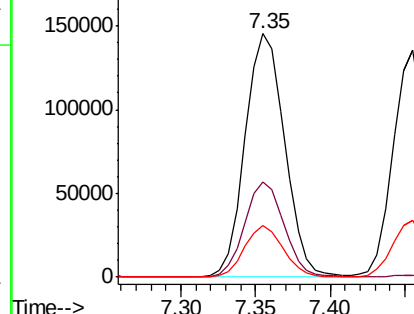
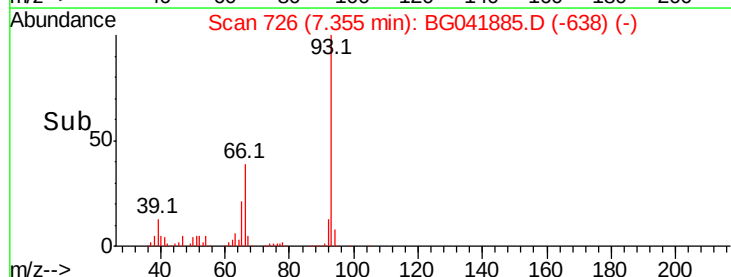
93 100

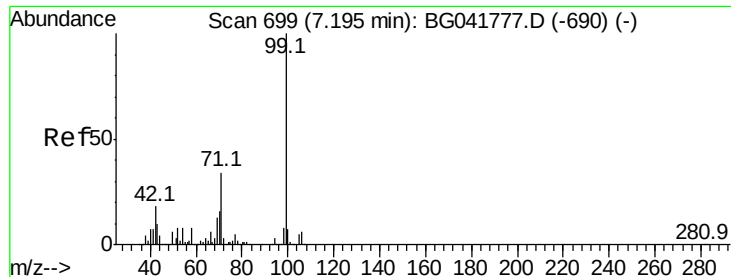
66 39.0 34.2 51.2

65 21.4 18.2 27.2



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: 123.248 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG041885.D

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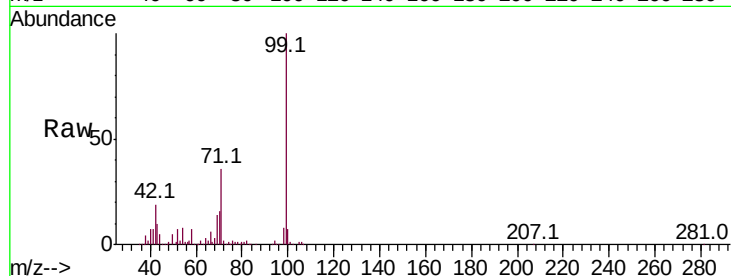
Tot Ion: 99 Resp: 746117

Ion Ratio Lower Upper

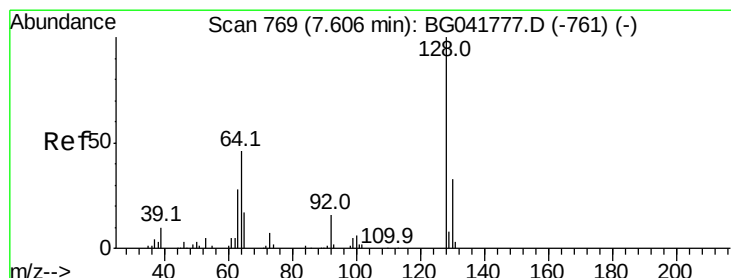
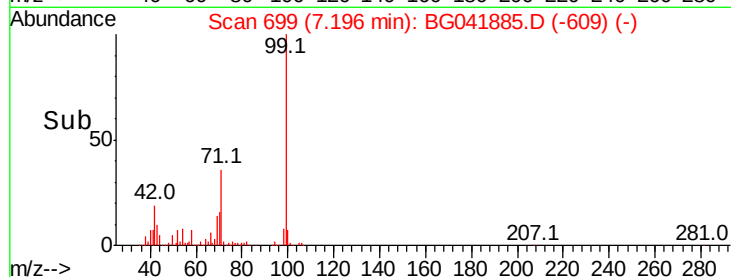
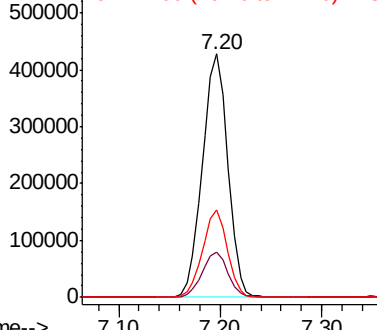
99 100

42 18.8 17.6 26.4

71 35.9 27.8 41.6



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



#8

2-Chlorophenol

Concen: 47.825 ng

RT: 7.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

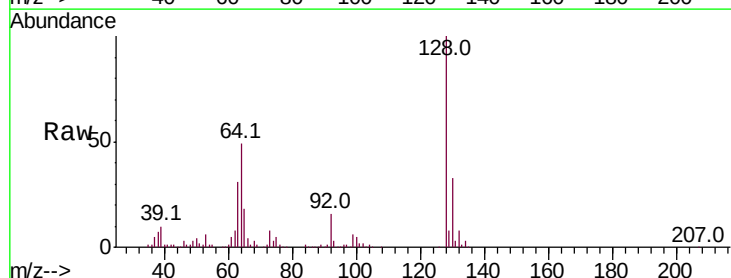
Tgt Ion:128 Resp: 245914

Ion Ratio Lower Upper

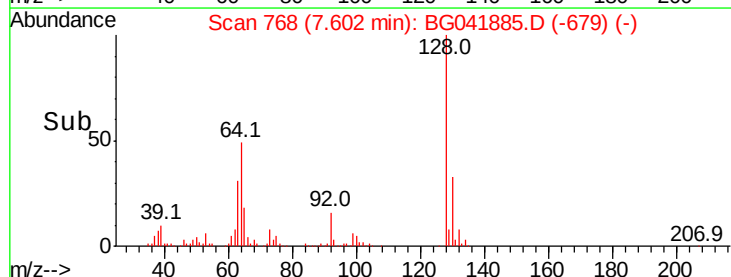
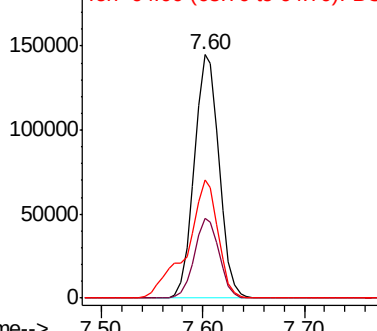
128 100

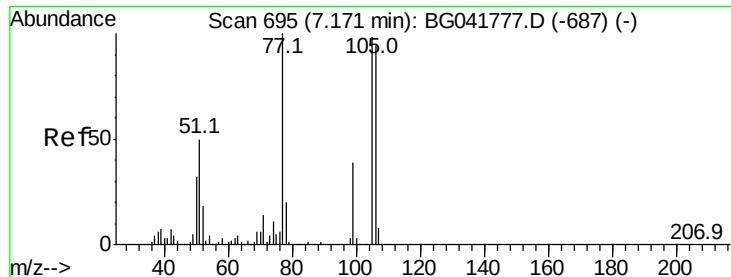
130 32.9 12.4 52.4

64 48.7 34.9 74.9



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: 28.631 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

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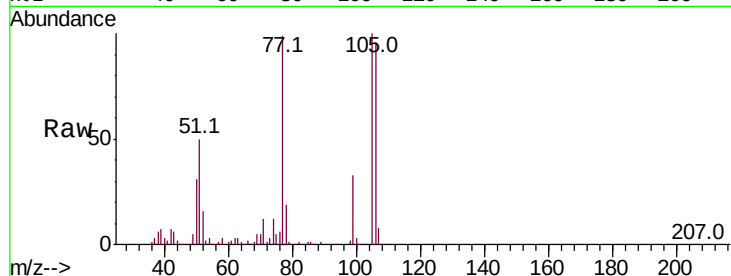
Tot Ion: 77 Resp: 121960

Ion Ratio Lower Upper

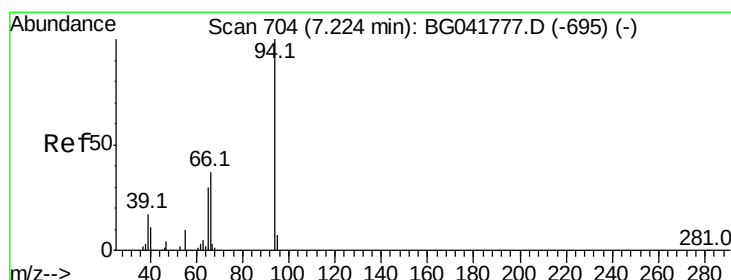
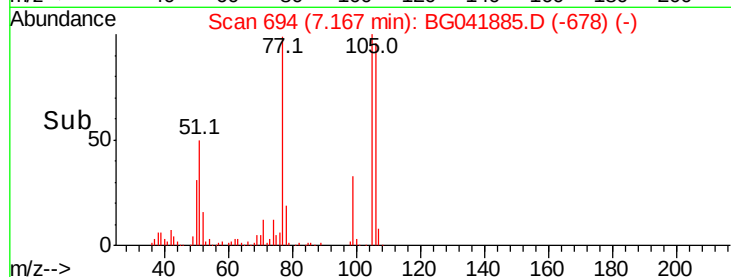
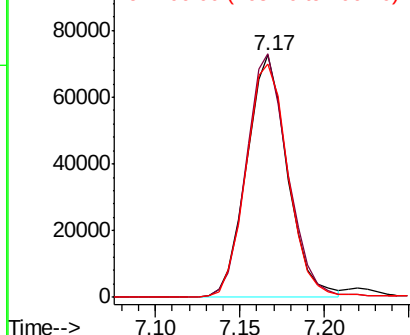
77 100

105 100.7 74.6 114.6

106 96.4 71.1 111.1



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: 46.174 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

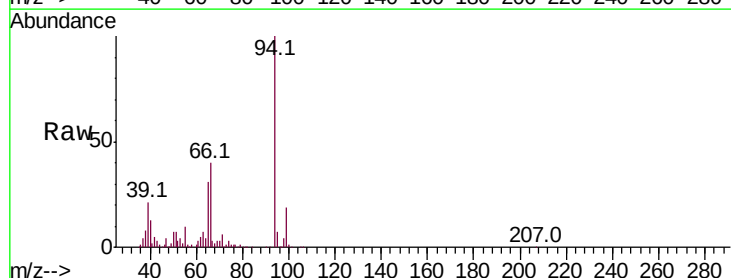
Tgt Ion: 94 Resp: 290803

Ion Ratio Lower Upper

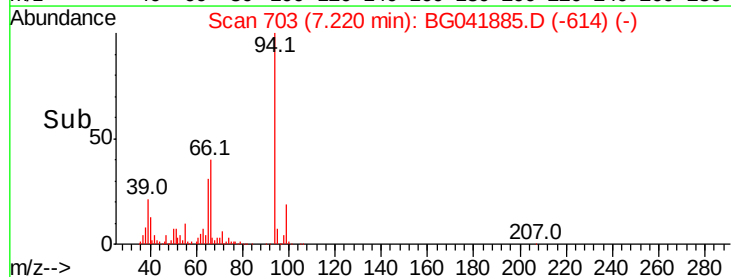
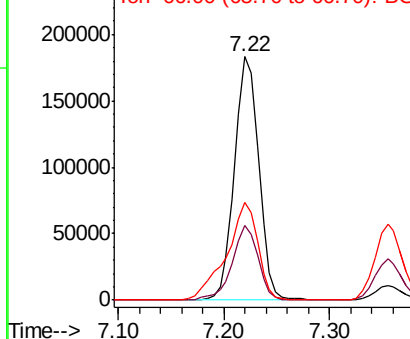
94 100

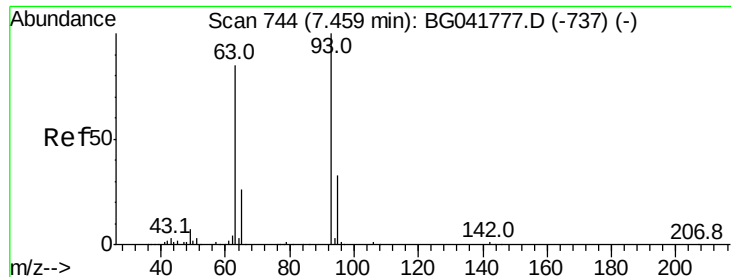
65 30.8 10.6 50.6

66 40.1 18.2 58.2



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

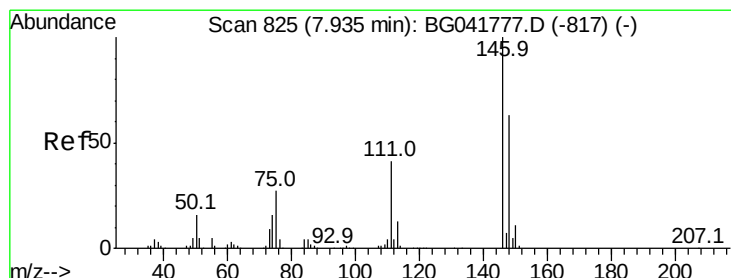
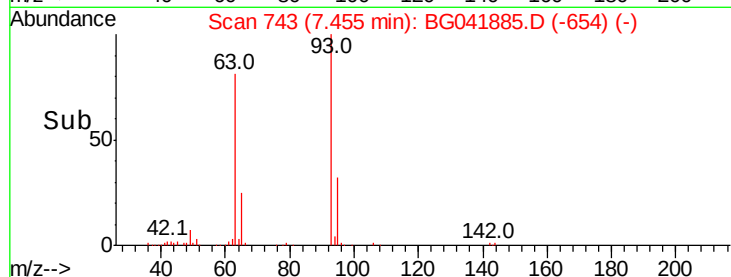
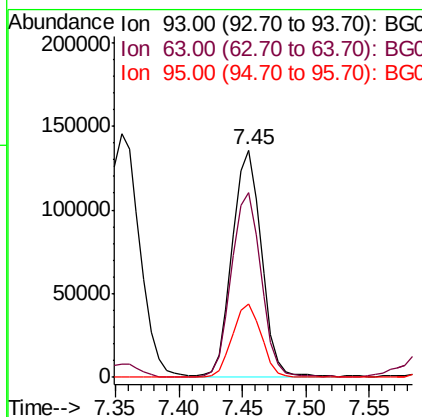
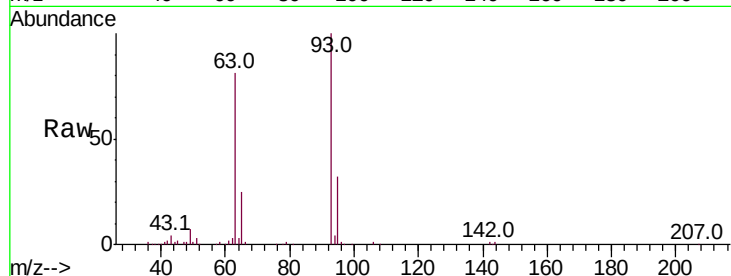




#11
 bis(2-Chloroethyl)ether
 Concen: 42.211 ng
 RT: 7.45 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BG041885.D
 Acq: 2 Aug 2019 12:44

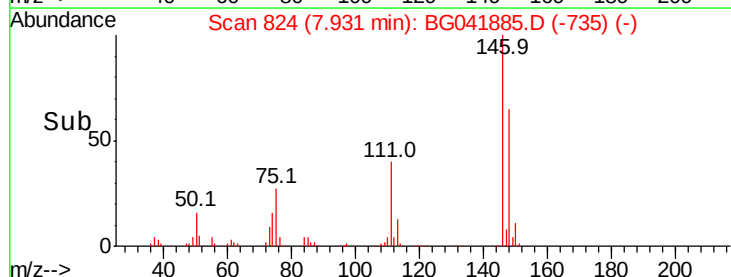
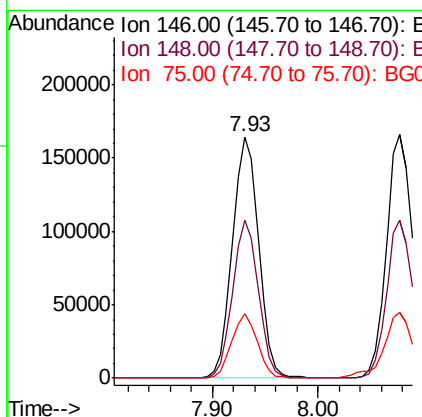
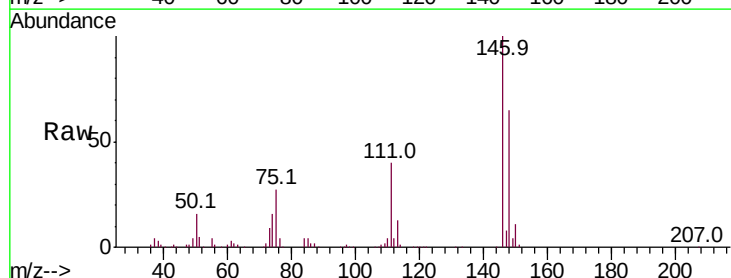
Instrument :
 BNA_G
 ClientSampleId :
 PB121894BS

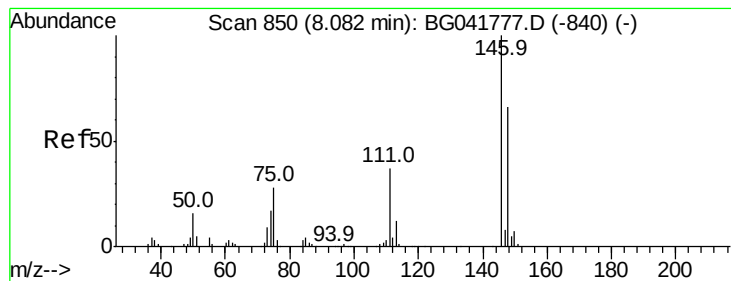
Tot Ion: 93 Resp: 218551
 Ion Ratio Lower Upper
 93 100
 63 81.4 70.4 110.4
 95 32.1 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 41.783 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BG041885.D
 Acq: 2 Aug 2019 12:44

Tgt Ion: 146 Resp: 280407
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.5 77.3
 75 26.8 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 42.668 ng

RT: 8.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB121894BS

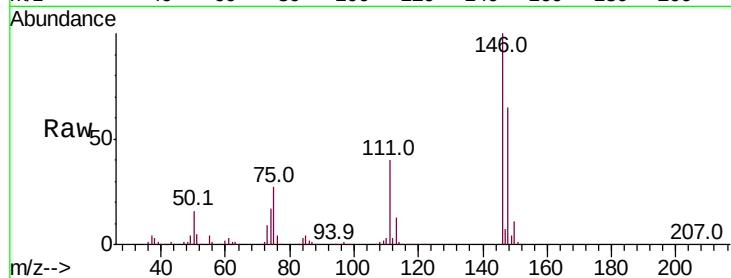
Tot Ion:146 Resp: 286516

Ion Ratio Lower Upper

146 100

148 64.7 52.6 79.0

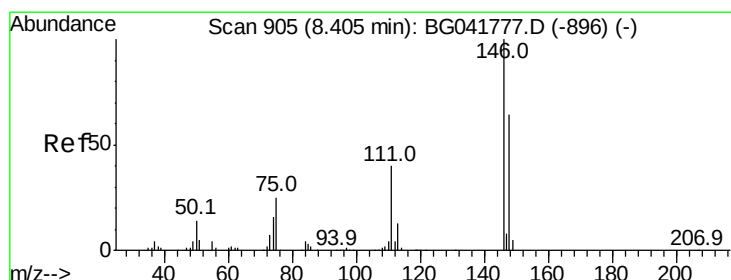
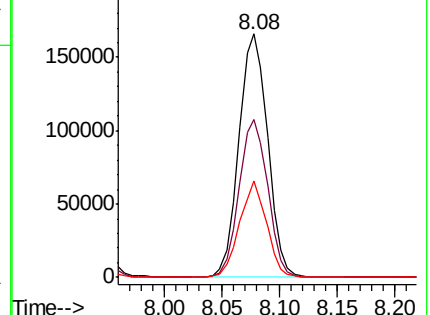
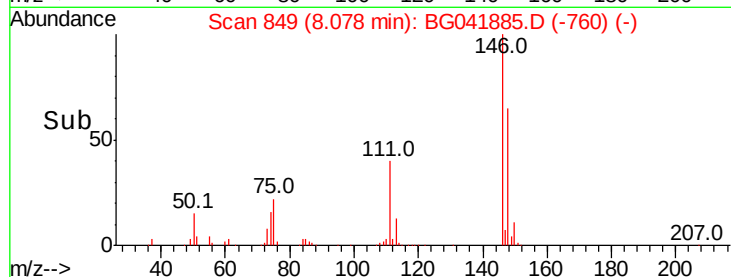
111 39.5 32.5 48.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.948 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

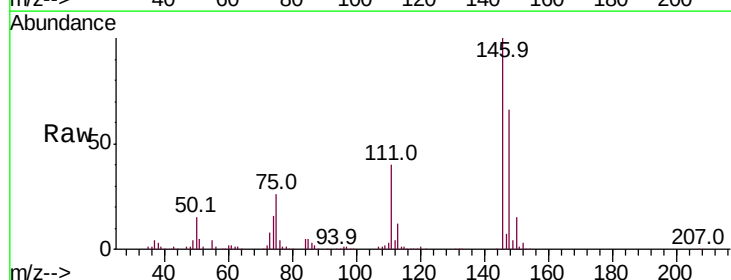
Tgt Ion:146 Resp: 268784

Ion Ratio Lower Upper

146 100

148 65.5 53.5 80.3

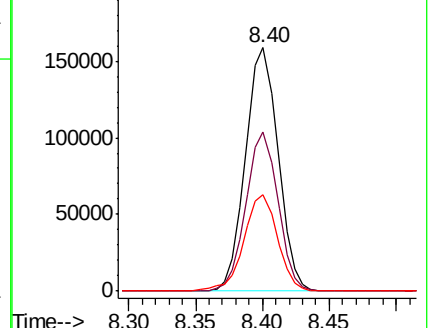
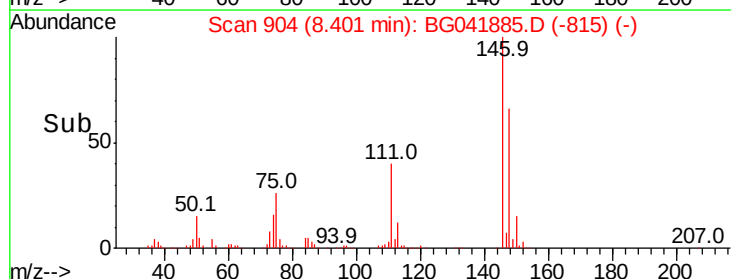
111 39.7 35.4 53.0

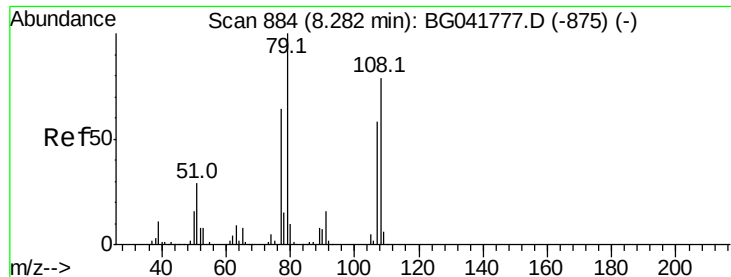


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.358 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB121894BS

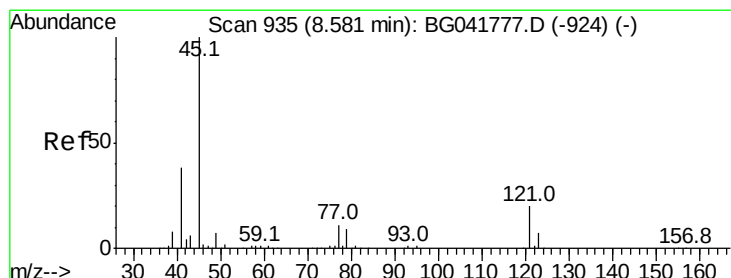
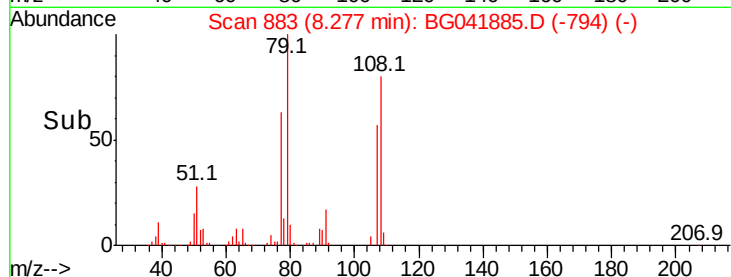
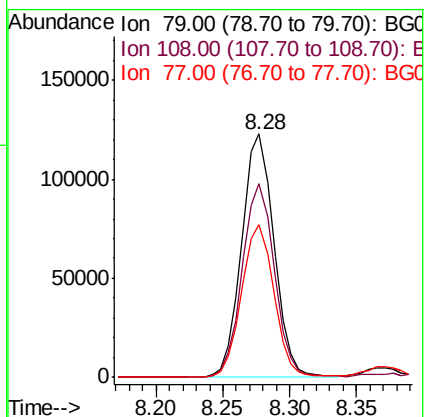
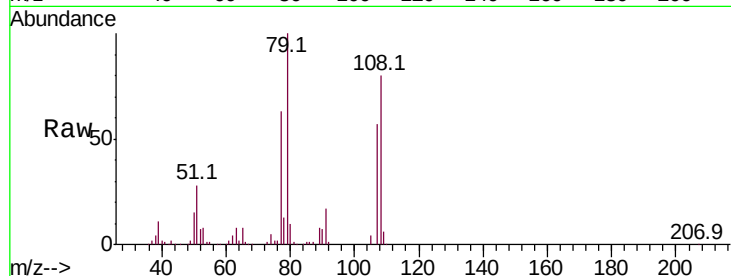
Tot Ion: 79 Resp: 206498

Ion Ratio Lower Upper

79 100

108 79.6 60.5 90.7

77 62.5 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.598 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

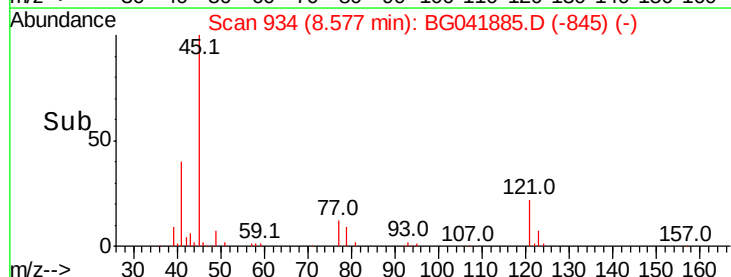
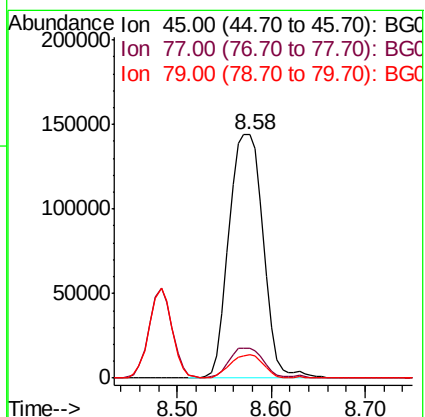
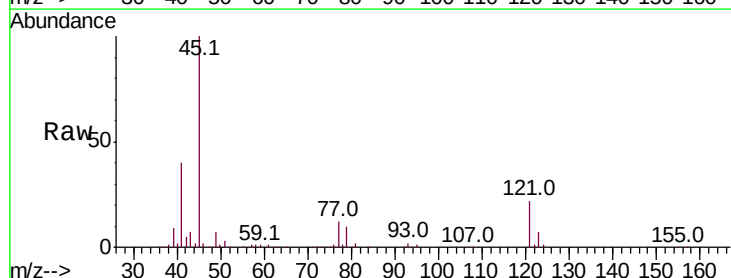
Tgt Ion: 45 Resp: 364754

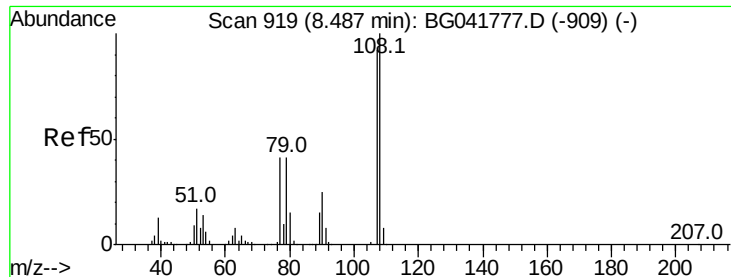
Ion Ratio Lower Upper

45 100

77 12.5 0.0 30.4

79 9.8 0.0 27.9

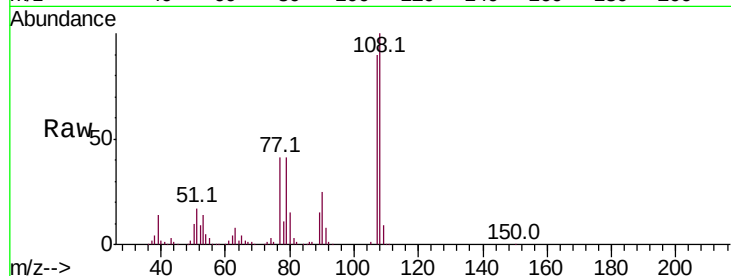




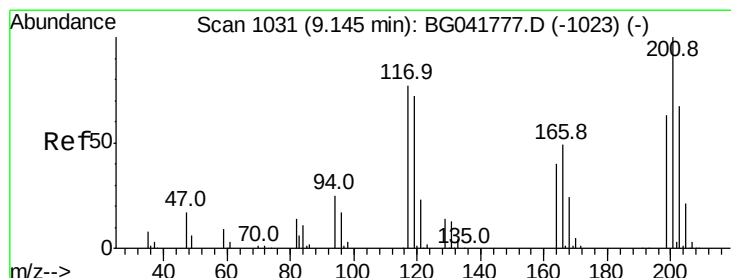
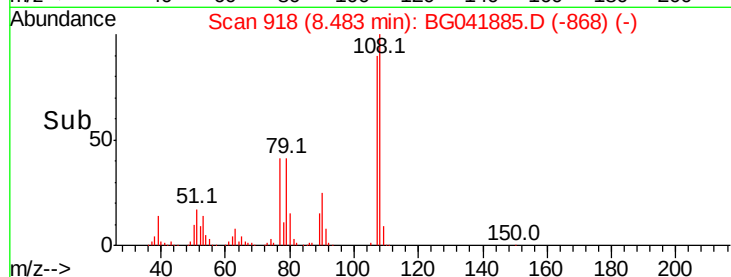
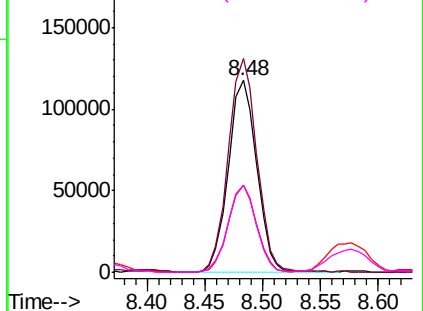
#17
2-Methylphenol
Concen: 44.043 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.00 min
Lab File: BG041885.D
Acq: 2 Aug 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB121894BS

Tot Ion:	107	Resp:	201728
Ion	Ratio	Lower	Upper
107	100		
108	111.3	87.6	131.4
77	45.5	36.1	54.1
79	45.6	36.4	54.6

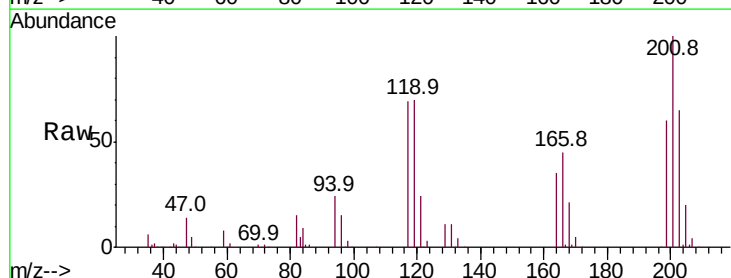


Abundance Ion 107.00 (106.70 to 107.70): E
200000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

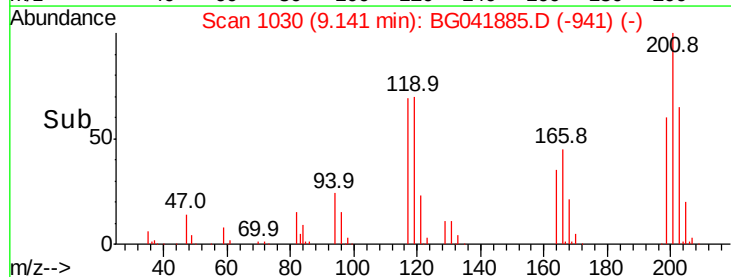
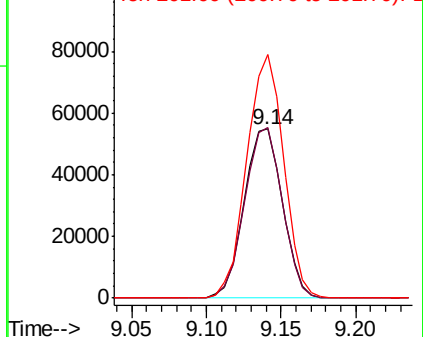


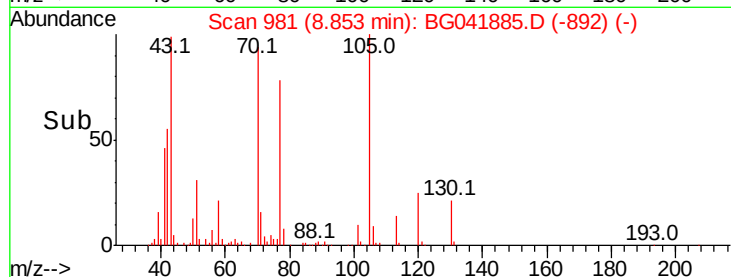
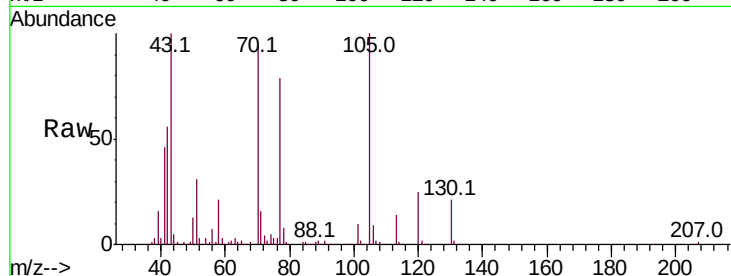
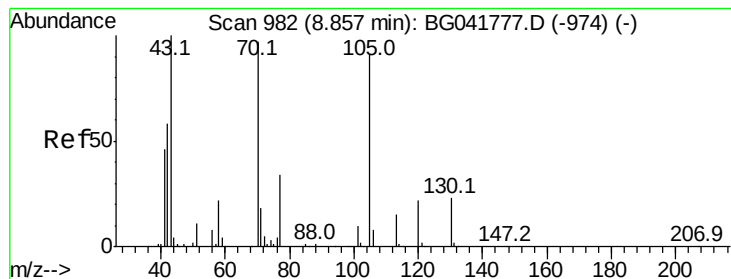
#18
Hexachloroethane
Concen: 42.293 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG041885.D
Acq: 2 Aug 2019 12:44

Tgt Ion:	117	Resp:	97254
Ion	Ratio	Lower	Upper
117	100		
119	101.2	76.2	114.2
201	144.1	94.1	141.1#



Abundance Ion 117.00 (116.70 to 117.70): E
100000 Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.588 ng

RT: 8.85 min Scan# 981

Delta R.T. -0.00 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB121894BS

Tot Ion: 70 Resp: 173992

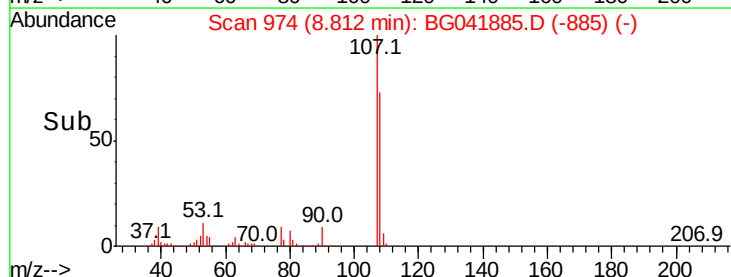
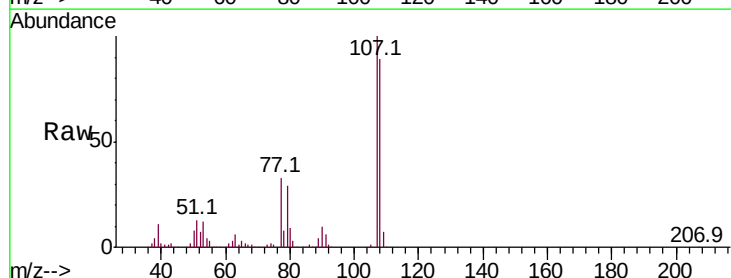
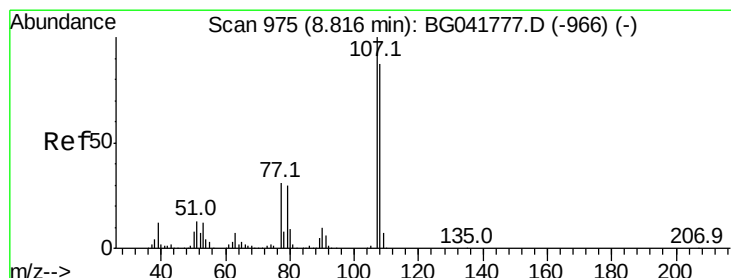
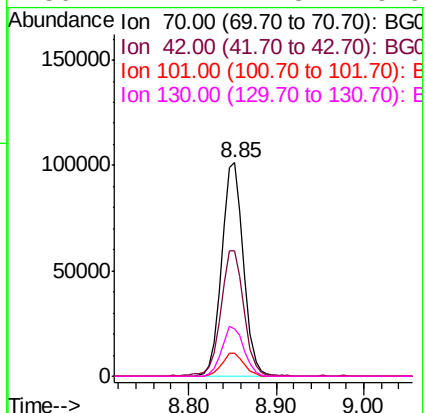
Ion Ratio Lower Upper

70 100

42 58.8 55.8 83.6

101 10.9 8.1 12.1

130 22.4 17.3 25.9



#20

3+4-Methylphenols

Concen: 44.642 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.00 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

Tgt Ion:107 Resp: 279812

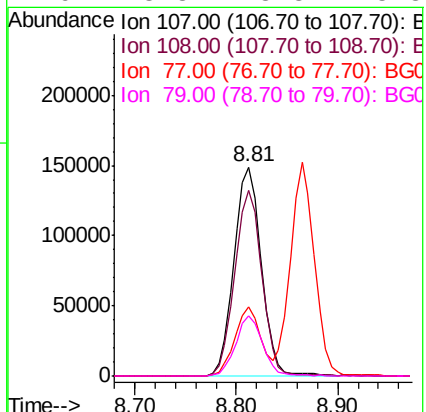
Ion Ratio Lower Upper

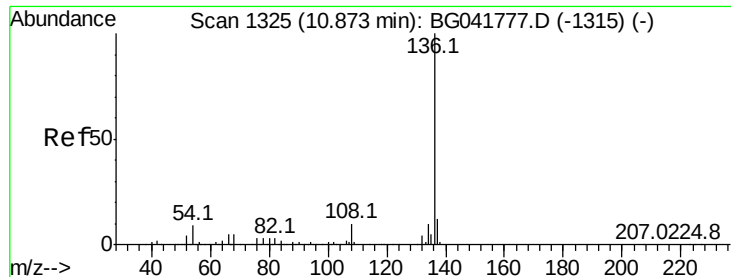
107 100

108 88.8 67.5 107.5

77 33.0 12.3 52.3

79 28.8 8.3 48.3

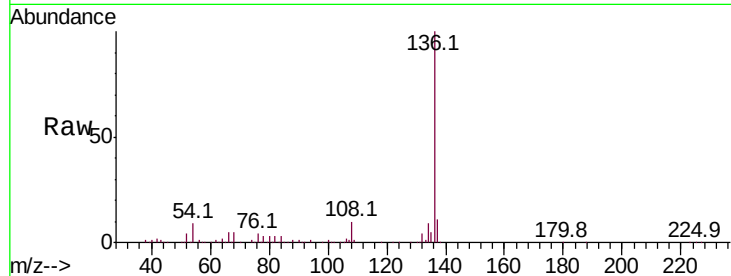




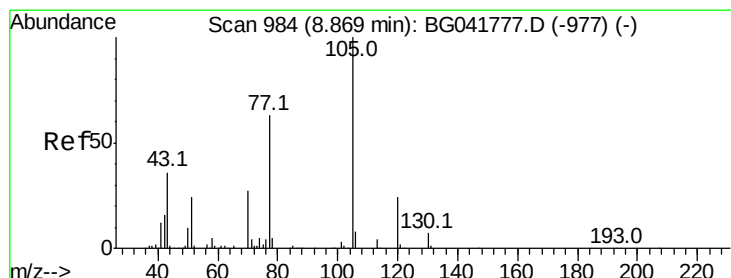
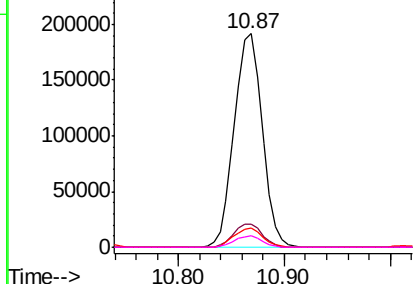
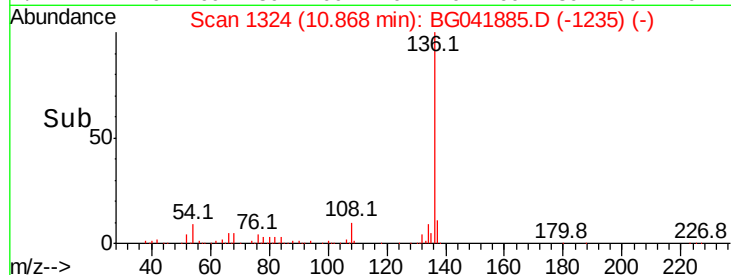
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG041885.D
Acq: 2 Aug 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB121894BS

Tot Ion:136	Resp:	352001
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.2 13.8
54	8.8	8.7 13.1
68	5.3	5.5 8.3#

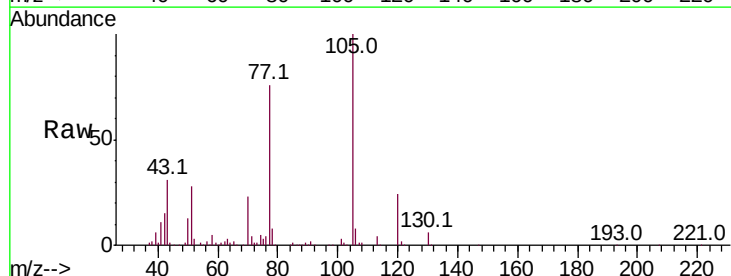


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

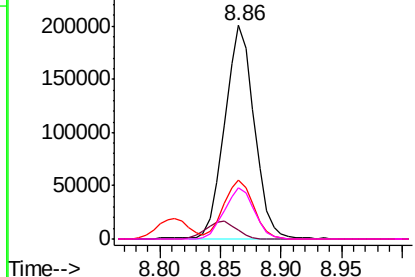
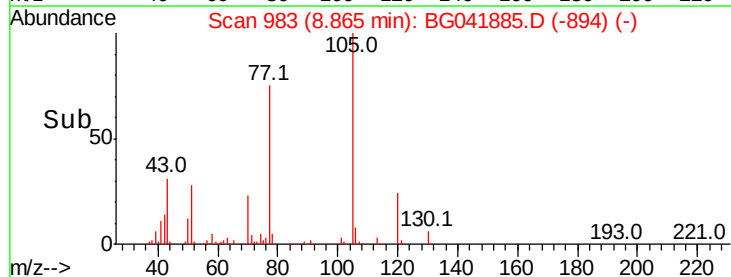


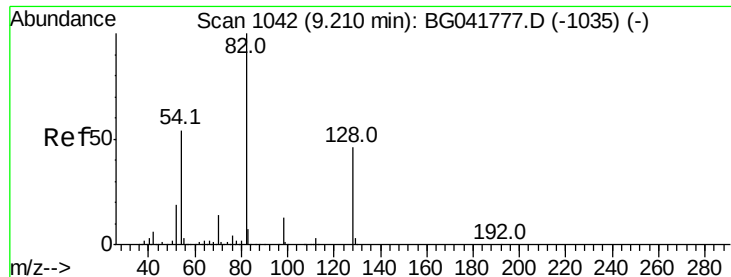
#22
Acetophenone
Concen: 42.995 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG041885.D
Acq: 2 Aug 2019 12:44

Tgt Ion:105	Resp:	338519
Ion Ratio	Lower	Upper
105	100	
71	4.1	5.9 8.9#
51	27.9	27.7 41.5
120	24.2	19.3 28.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

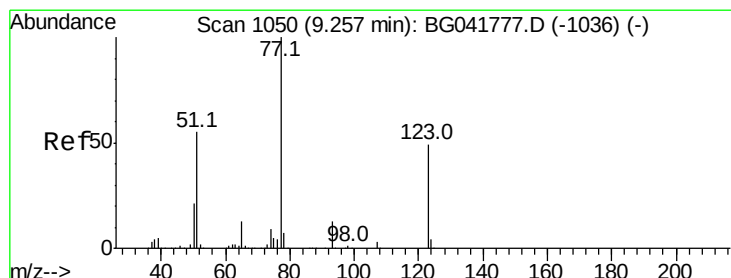
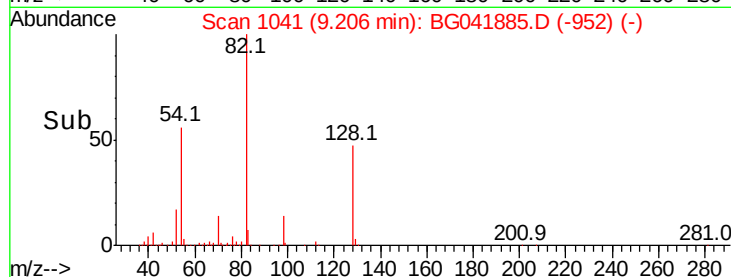
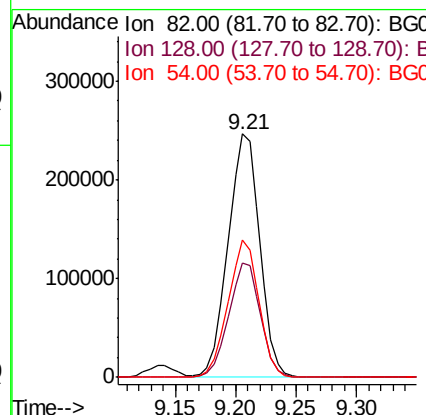
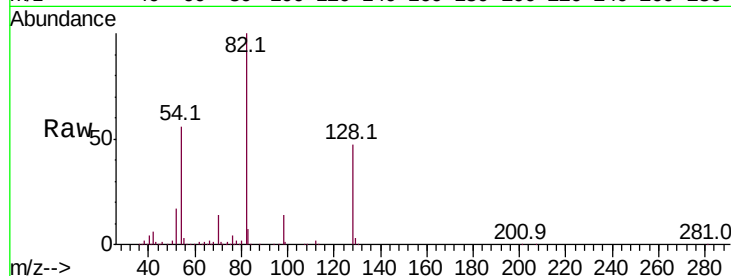




#23
Nitrobenzene-d5
Concen: 87.533 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG041885.D
Acq: 2 Aug 2019 12:44

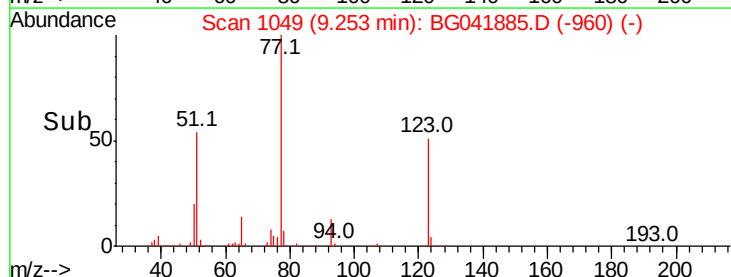
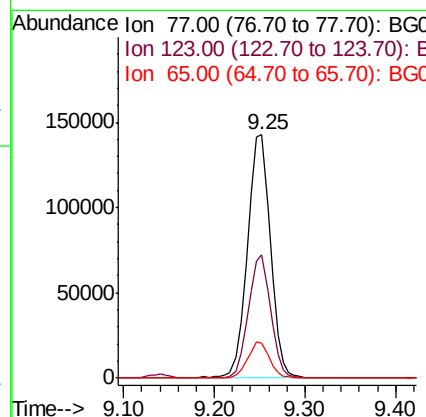
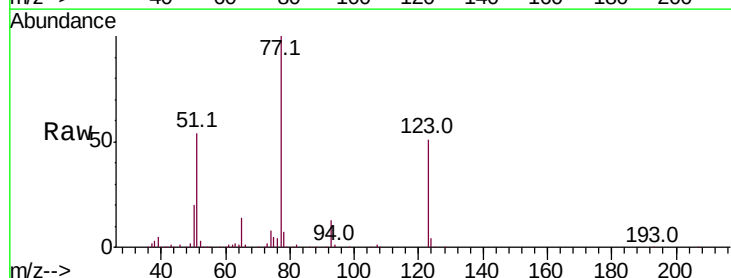
Instrument :
BNA_G
ClientSampleId :
PB121894BS

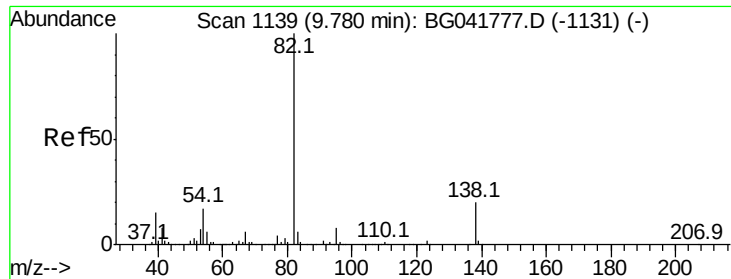
Tot Ion: 82 Resp: 447740
Ion Ratio Lower Upper
82 100
128 47.2 35.1 52.7
54 56.5 48.7 73.1



#24
Nitrobenzene
Concen: 46.779 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG041885.D
Acq: 2 Aug 2019 12:44

Tgt Ion: 77 Resp: 252082
Ion Ratio Lower Upper
77 100
123 50.6 38.1 57.1
65 14.2 11.0 16.6

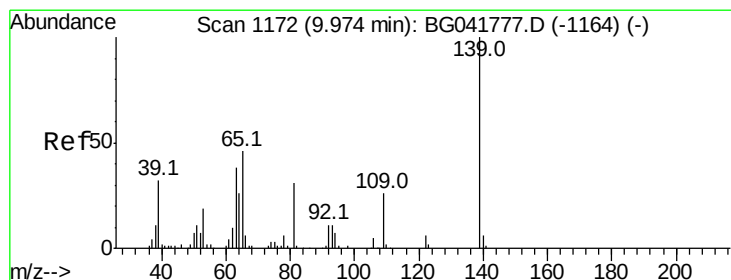
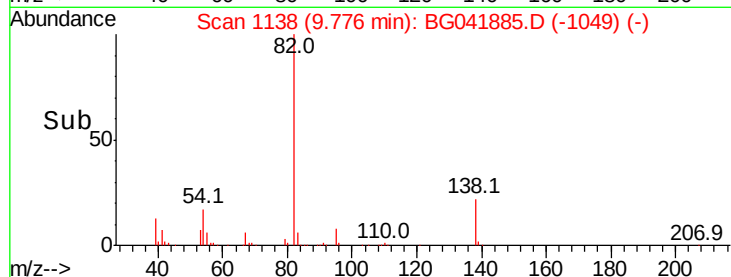
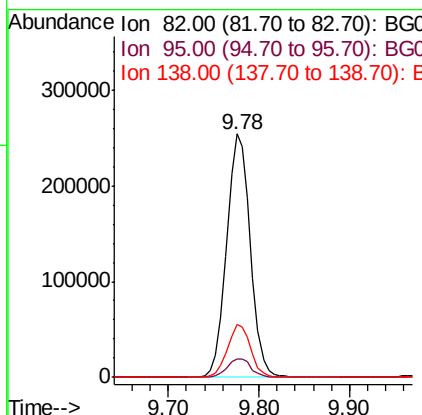
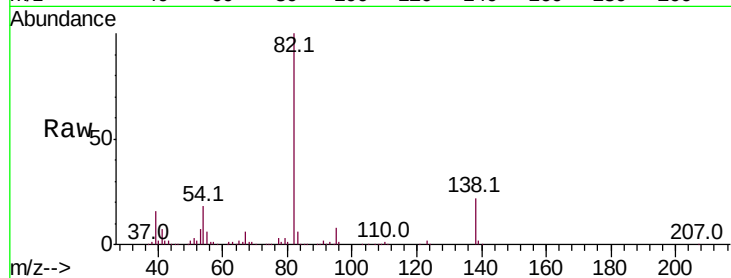




#25
Isophorone
Concen: 41.226 ng
RT: 9.78 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BG041885.D
Acq: 2 Aug 2019 12:44

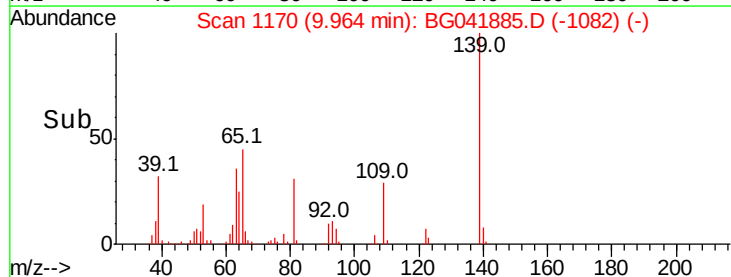
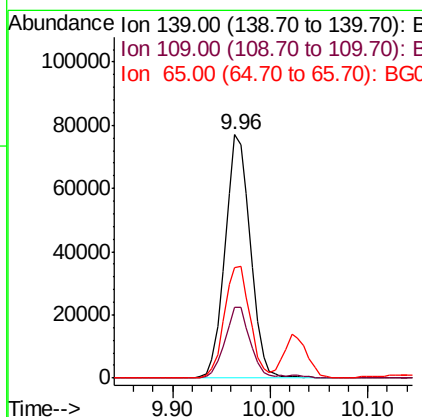
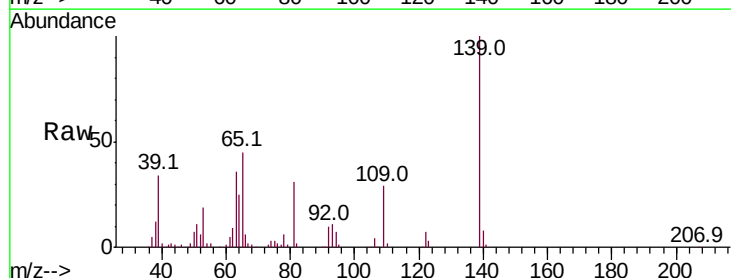
Instrument :
BNA_G
ClientSampleId :
PB121894BS

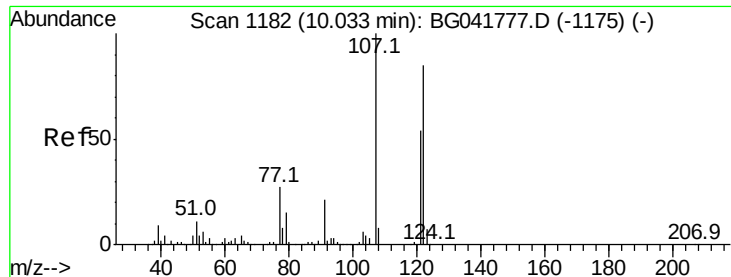
Tot Ion: 82 Resp: 458725
Ion Ratio Lower Upper
82 100
95 7.6 5.9 8.9
138 21.7 16.3 24.5



#26
2-Nitrophenol
Concen: 55.238 ng
RT: 9.96 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BG041885.D
Acq: 2 Aug 2019 12:44

Tgt Ion: 139 Resp: 138150
Ion Ratio Lower Upper
139 100
109 29.3 22.7 34.1
65 45.2 41.1 61.7

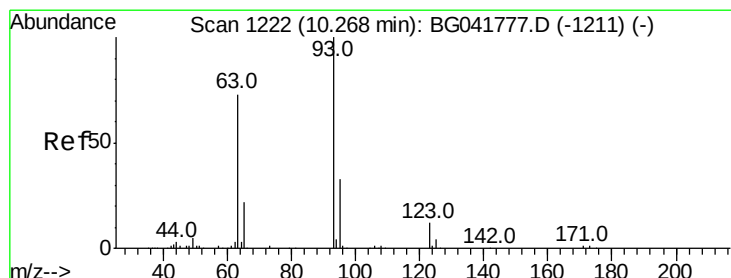
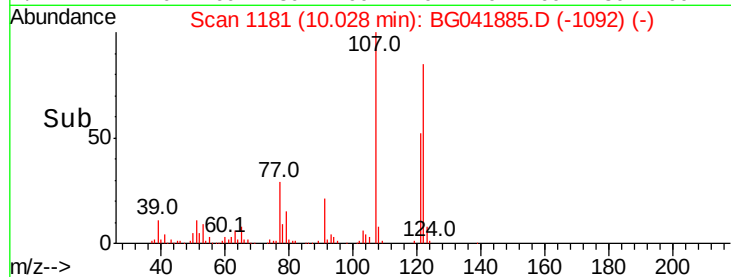
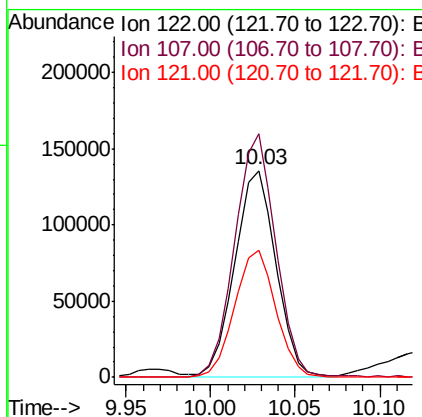
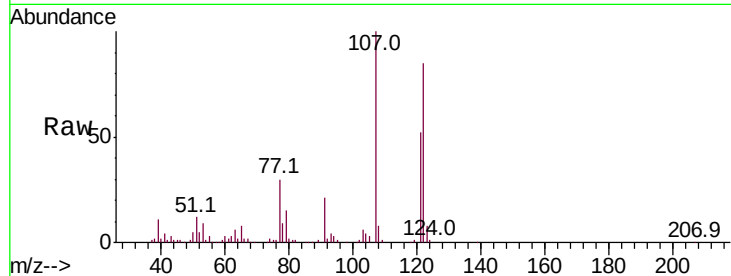




#27
 2,4-Dimethylphenol
 Concen: 52.538 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BG041885.D
 Acq: 2 Aug 2019 12:44

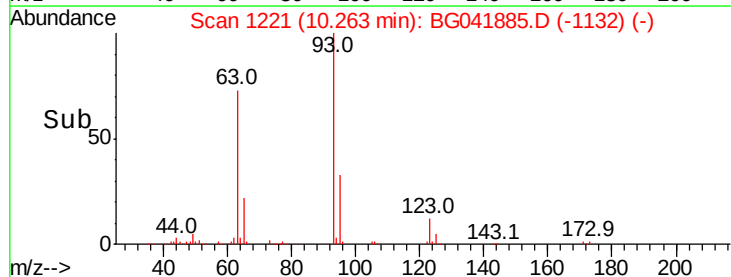
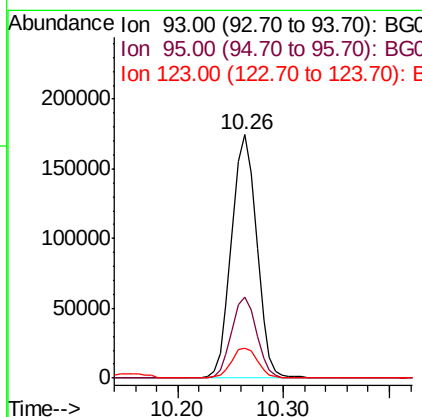
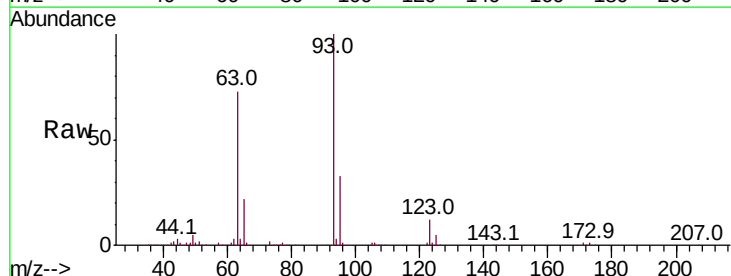
Instrument :
 BNA_G
 ClientSampleId :
 PB121894BS

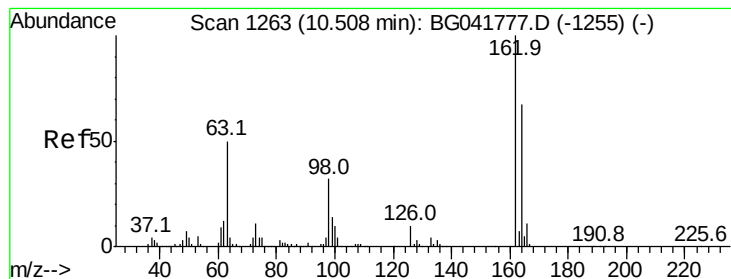
Tot Ion	Ratio	Lower	Upper
122	100		
107	117.7	91.3	136.9
121	61.5	49.2	73.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.555 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BG041885.D
 Acq: 2 Aug 2019 12:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.2	39.4
123	12.4	9.9	14.9





#29

2,4-Dichlorophenol

Concen: 49.393 ng

RT: 10.51 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB121894BS

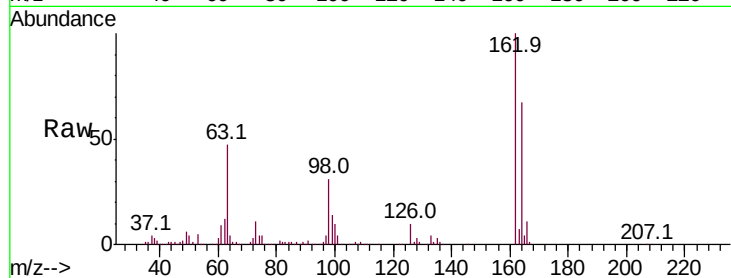
Tot Ion:162 Resp: 265504

Ion Ratio Lower Upper

162 100

164 66.7 46.1 86.1

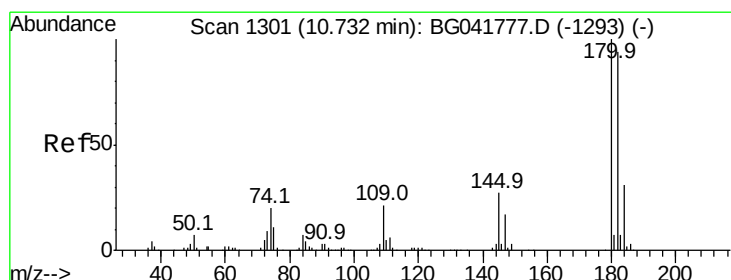
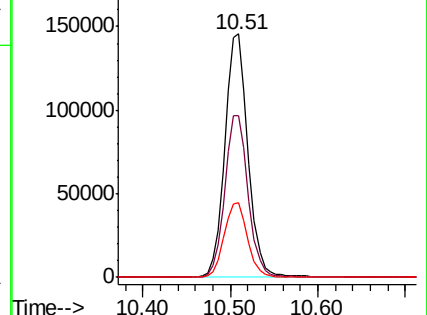
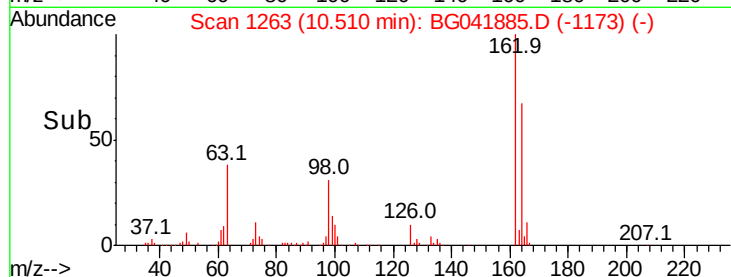
98 30.9 14.7 54.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 43.413 ng

RT: 10.73 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

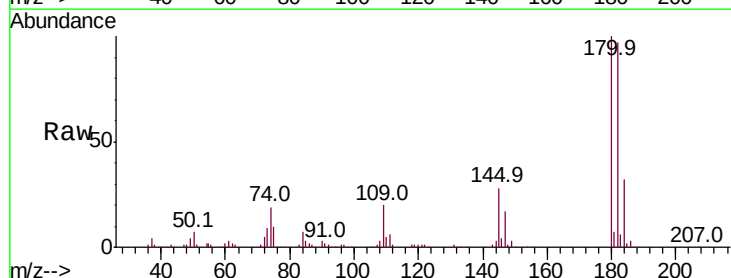
Tgt Ion:180 Resp: 295927

Ion Ratio Lower Upper

180 100

182 97.5 76.2 114.2

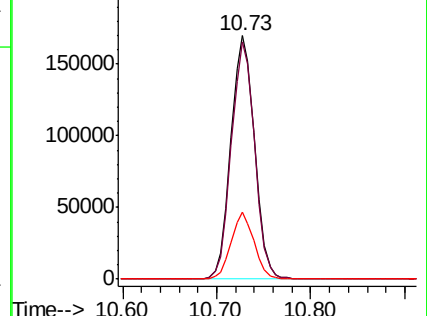
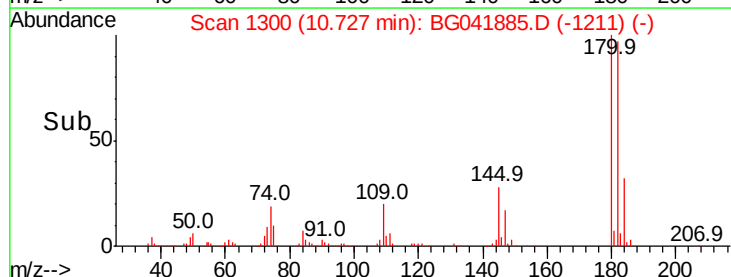
145 27.6 23.8 35.8

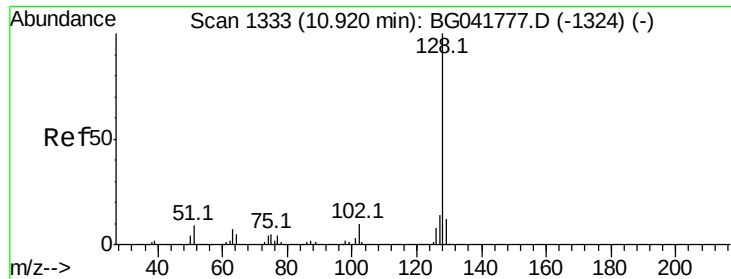


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

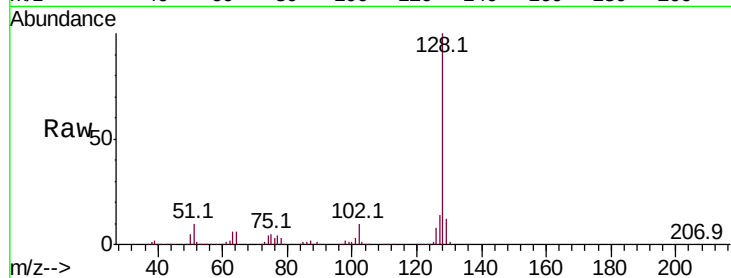




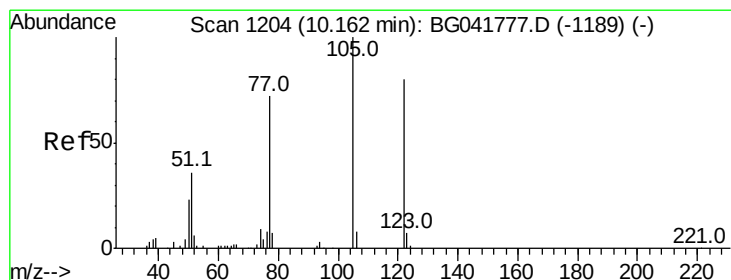
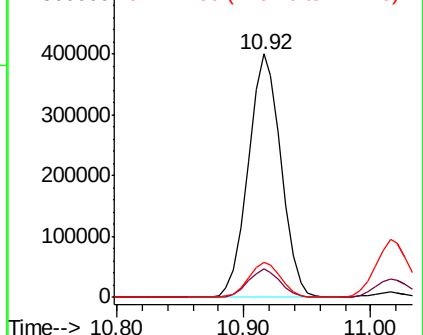
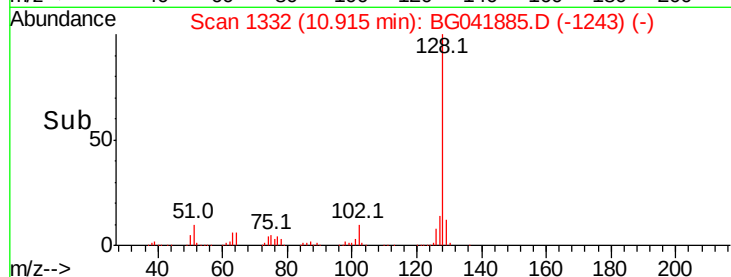
#31
Naphthalene
Concen: 44.566 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG041885.D
Acq: 2 Aug 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB121894BS

Tot Ion:128 Resp: 717968
Ion Ratio Lower Upper
128 100
129 11.6 10.0 15.0
127 14.5 12.3 18.5

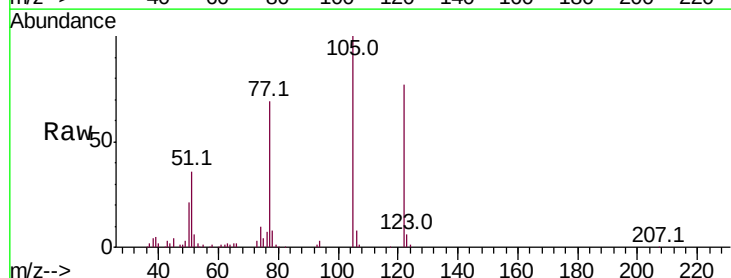


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

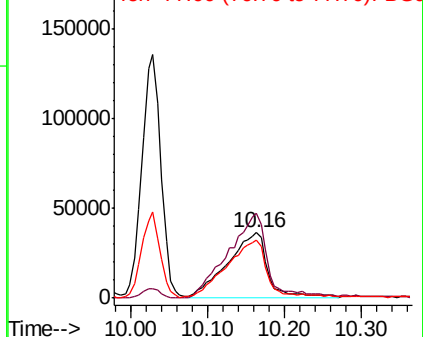
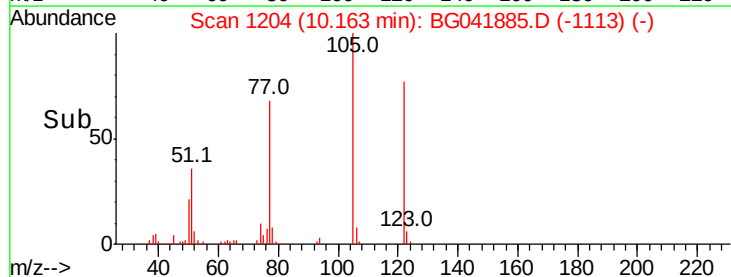


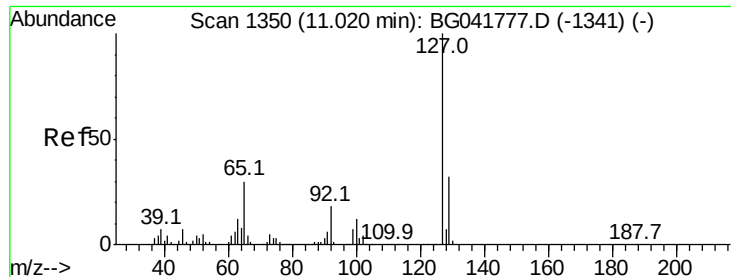
#32
Benzoic acid
Concen: 43.715 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG041885.D
Acq: 2 Aug 2019 12:44

Tgt Ion:122 Resp: 134844
Ion Ratio Lower Upper
122 100
105 129.4 101.5 141.5
77 89.3 73.0 113.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO

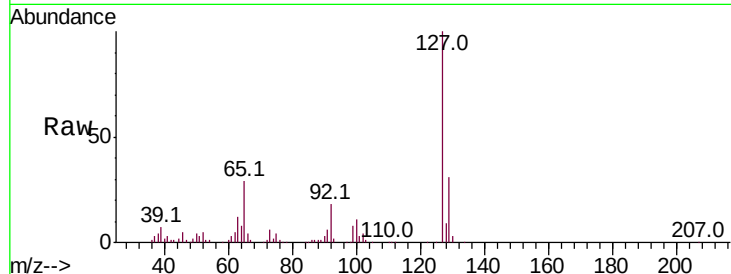




#33
4-Chloroaniline
Concen: 23.191 ng
RT: 11.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG041885.D
Acq: 2 Aug 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB121894BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.8	38.8
65	28.8	26.7	40.1
92	17.6	15.4	23.0



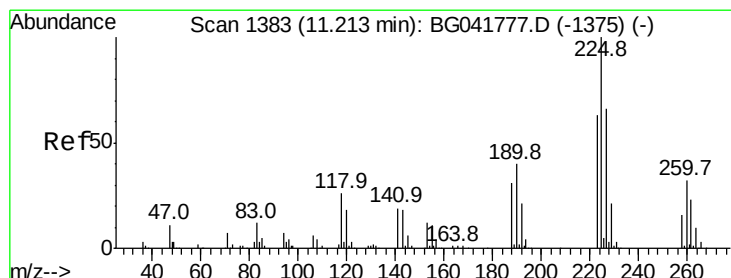
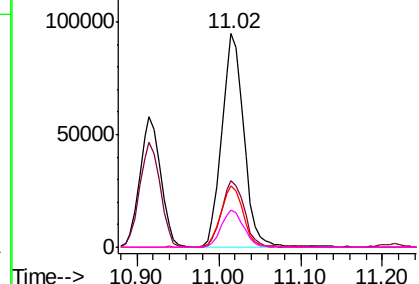
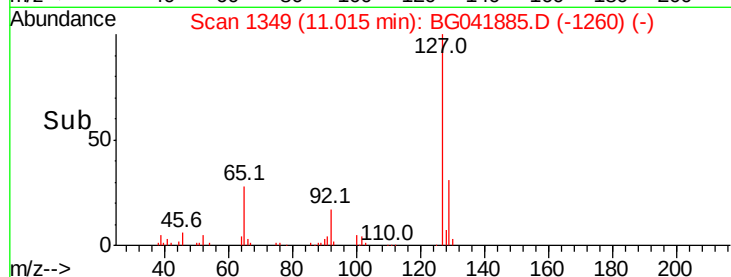
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

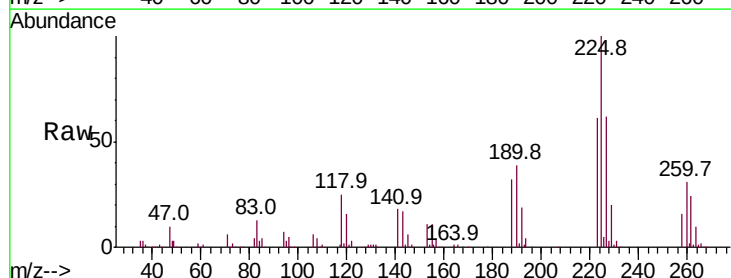
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 42.529 ng
RT: 11.21 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BG041885.D
Acq: 2 Aug 2019 12:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	51.1	76.7
227	65.8	50.9	76.3

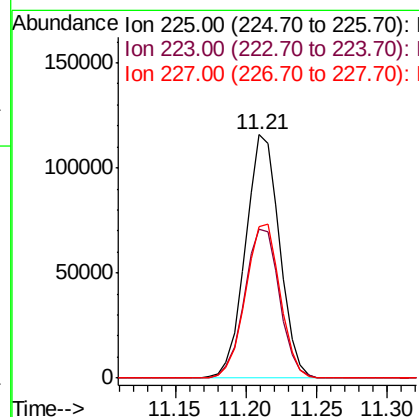
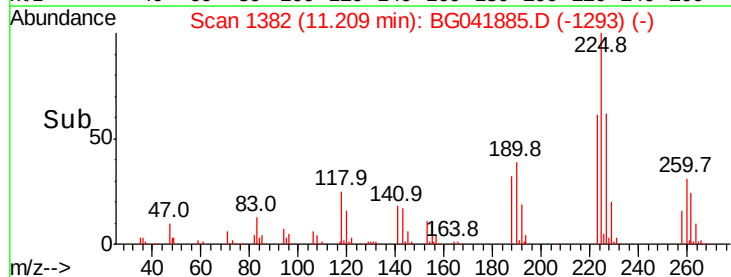


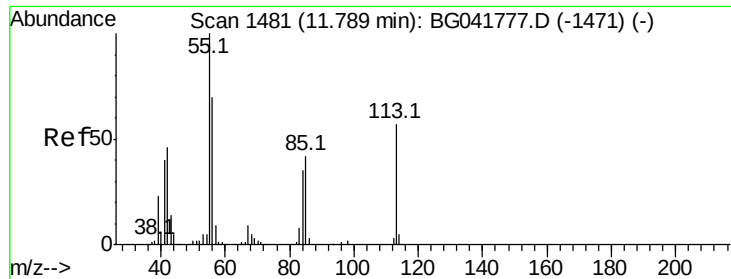
Abundance

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: 42.844 ng/mL

RT: 11.79 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

Instrument :

BNA_G

ClientSampleID :

PB121894BS

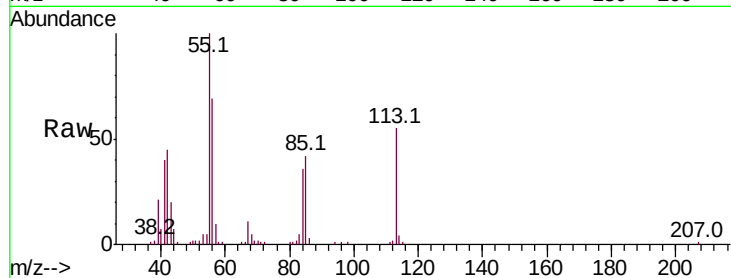
Tot Ion:113 Resp: 80037

Ion Ratio Lower Upper

113 100

55 182.1 199.4 239.4#

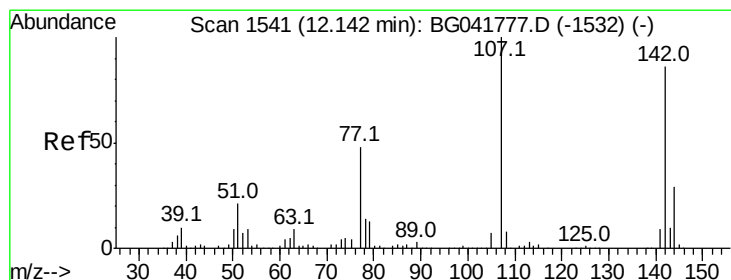
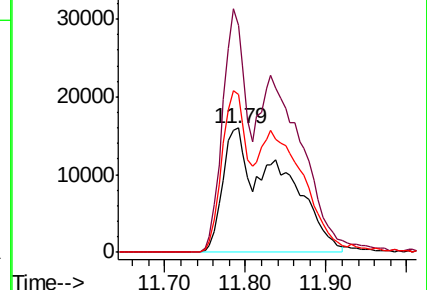
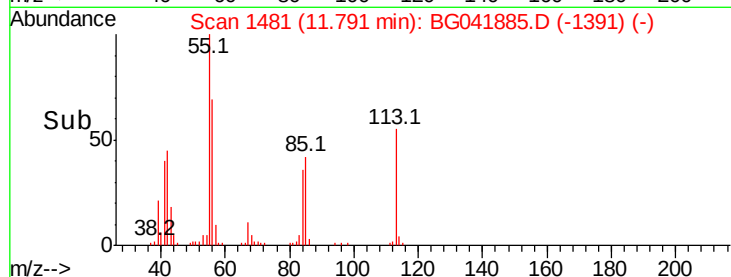
56 126.5 133.6 173.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 47.192 ng/mL

RT: 12.14 min Scan# 1540

Delta R.T. -0.00 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

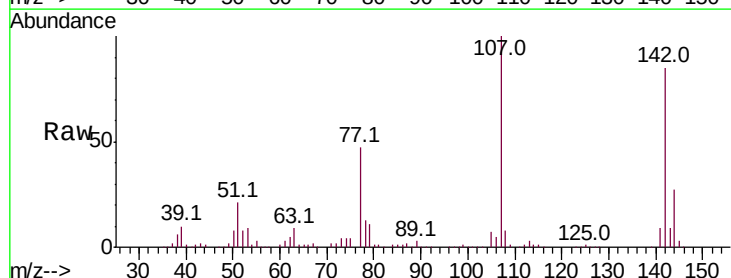
Tgt Ion:107 Resp: 251495

Ion Ratio Lower Upper

107 100

144 27.0 22.2 33.2

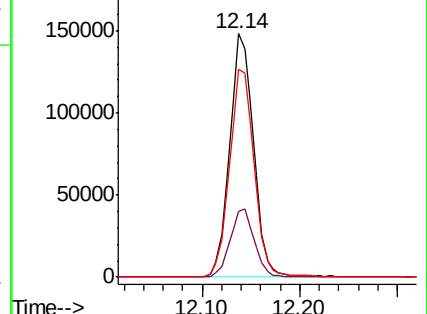
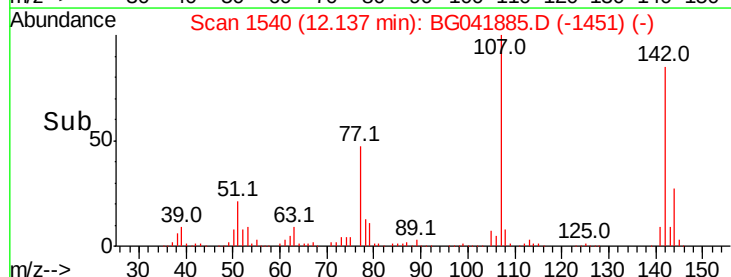
142 85.2 67.3 100.9

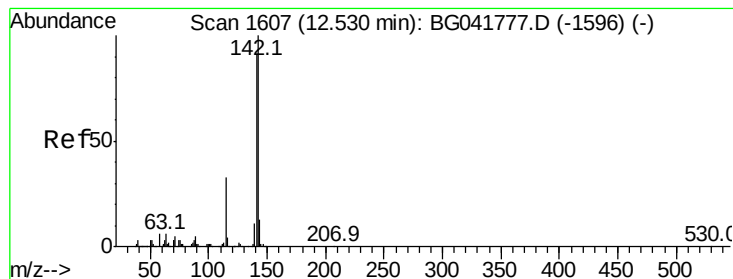


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.073 ng

RT: 12.53 min Scan# 1606

Delta R.T. -0.00 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB121894BS

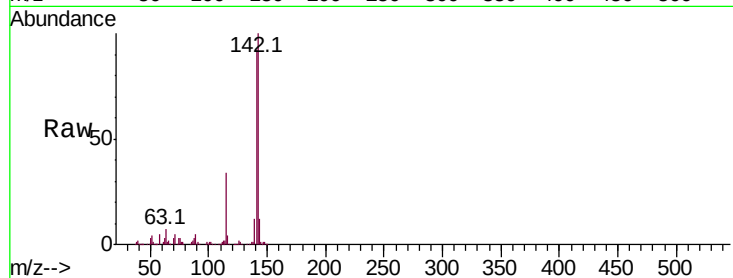
Tot Ion:142 Resp: 562010

Ion Ratio Lower Upper

142 100

141 91.6 72.7 109.1

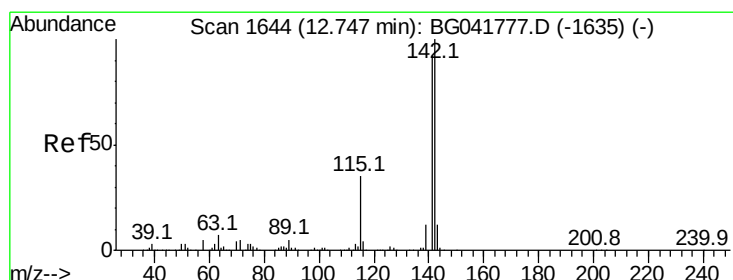
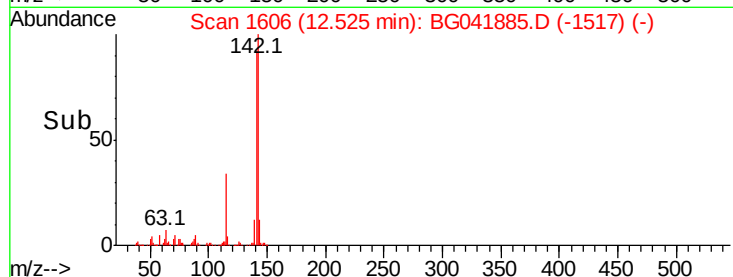
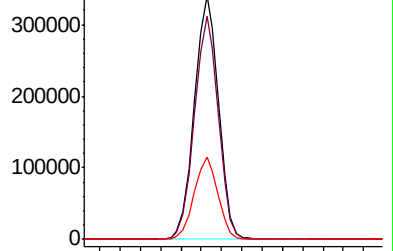
115 33.8 27.0 40.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 44.029 ng

RT: 12.74 min Scan# 1643

Delta R.T. -0.00 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

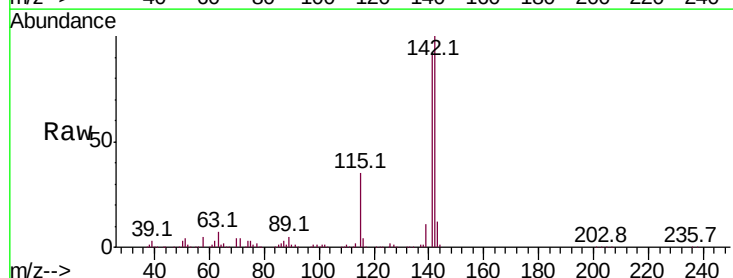
Tgt Ion:142 Resp: 532068

Ion Ratio Lower Upper

142 100

141 92.0 75.4 113.2

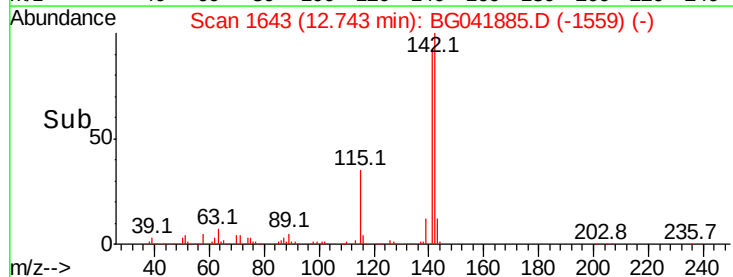
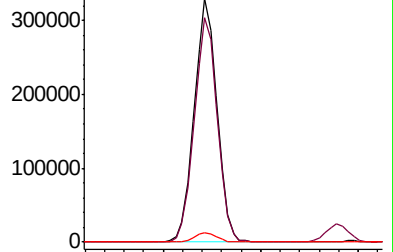
116 3.7 3.2 4.8

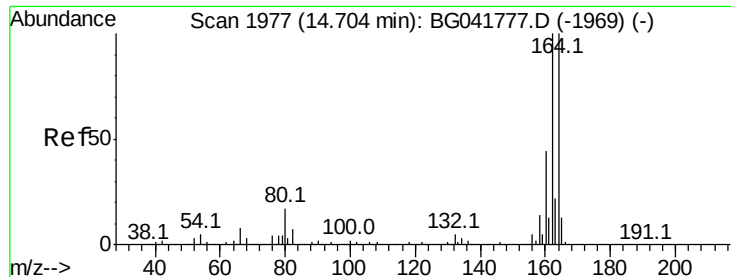


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB121894BS

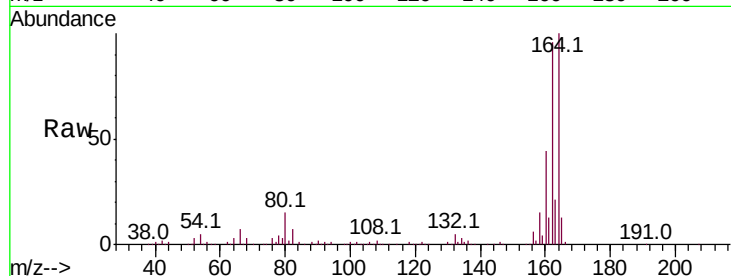
Tot Ion:164 Resp: 249008

Ion Ratio Lower Upper

164 100

162 95.9 79.6 119.4

160 43.5 35.4 53.0

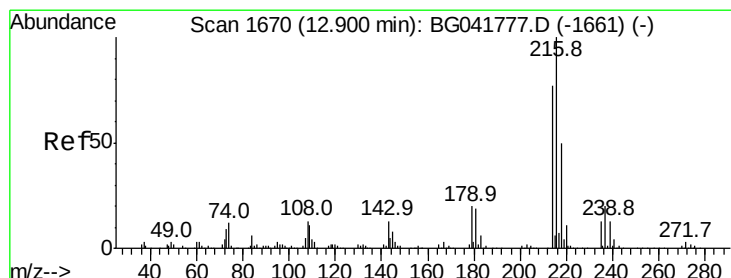
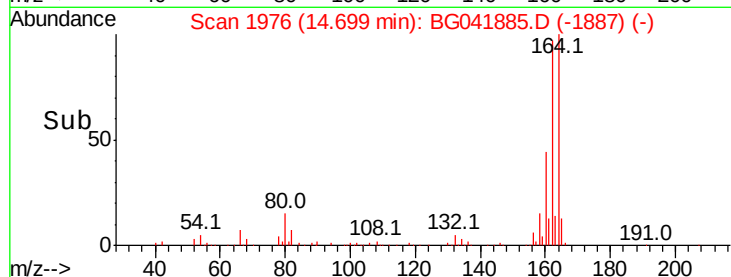
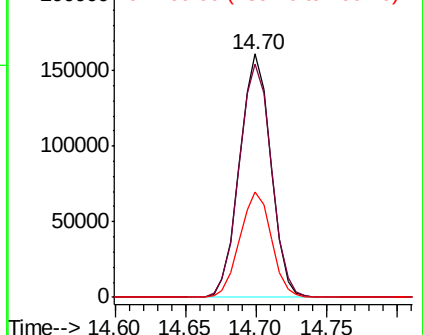


Abundance

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: 44.342 ng

RT: 12.90 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

Tgt Ion:216 Resp: 349513

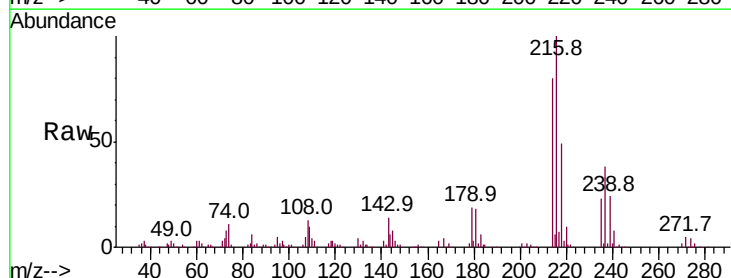
Ion Ratio Lower Upper

216 100

214 77.9 61.5 92.3

179 19.0 16.2 24.2

108 15.0 13.2 19.8



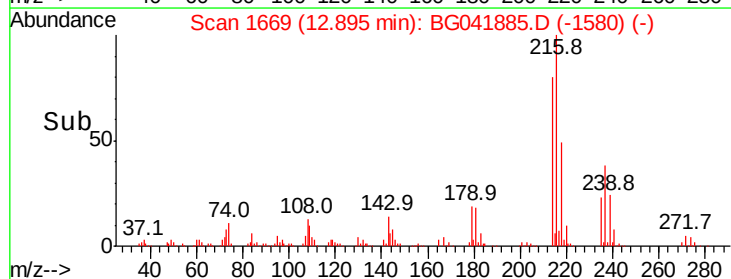
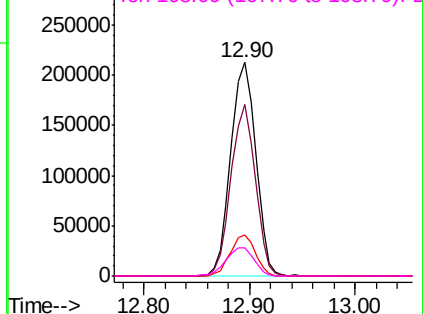
Abundance

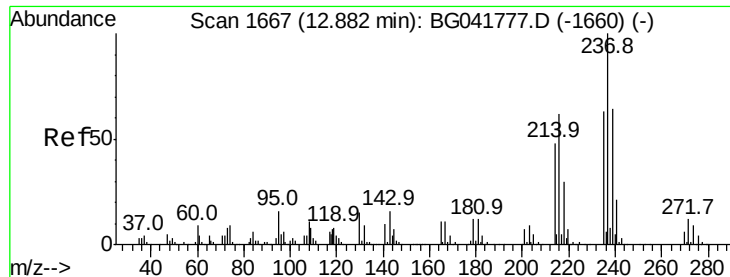
Ion 216.00 (215.70 to 216.70): E

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

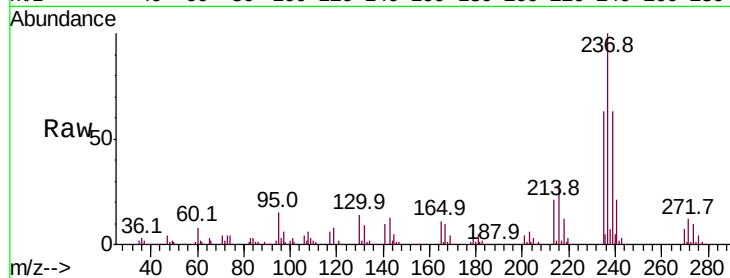




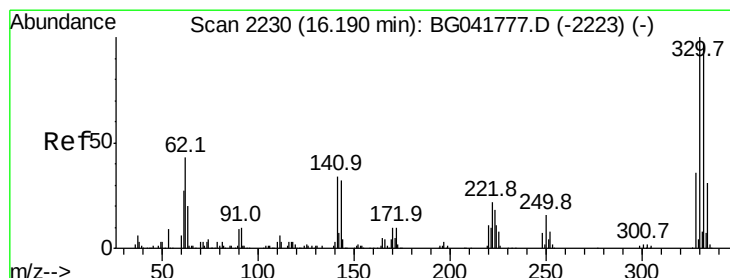
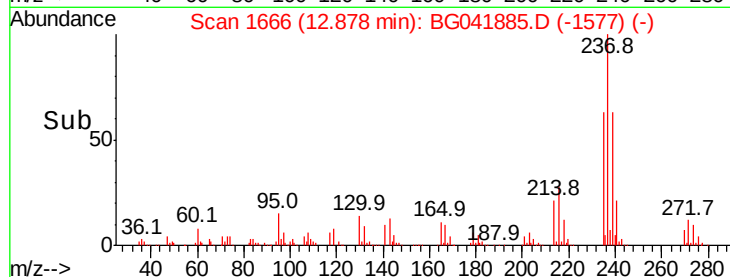
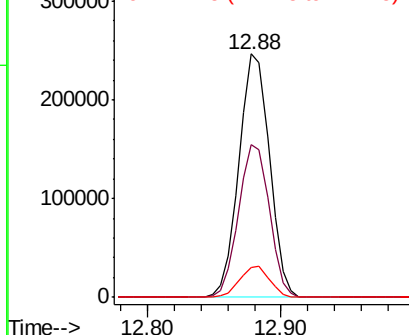
#41
Hexachlorocyclopentadiene
Concen: 88.298 ng
RT: 12.88 min Scan# 1666
Delta R.T. -0.00 min
Lab File: BG041885.D
Acq: 2 Aug 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB121894BS

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.9	43.5	83.5
272	12.5	0.0	31.2

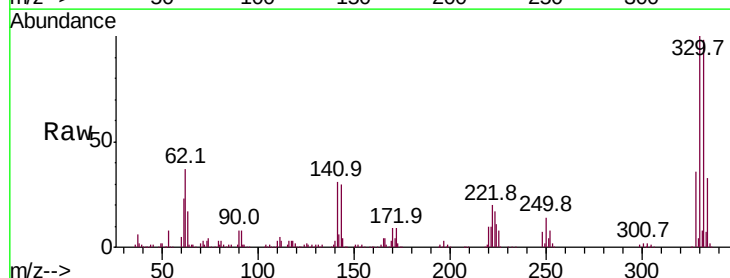


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

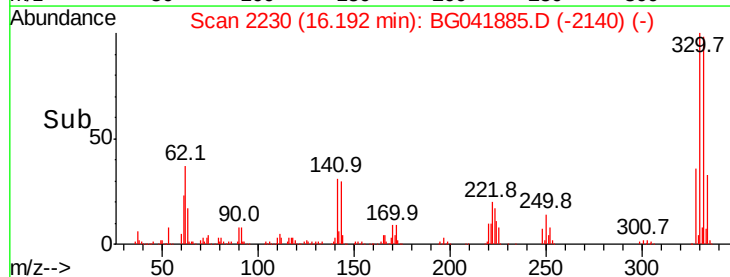
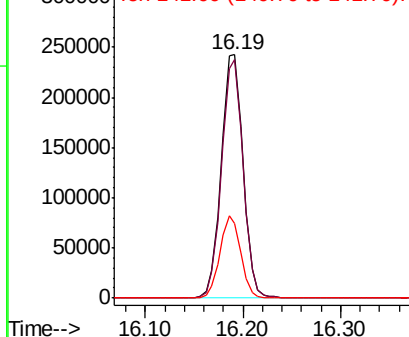


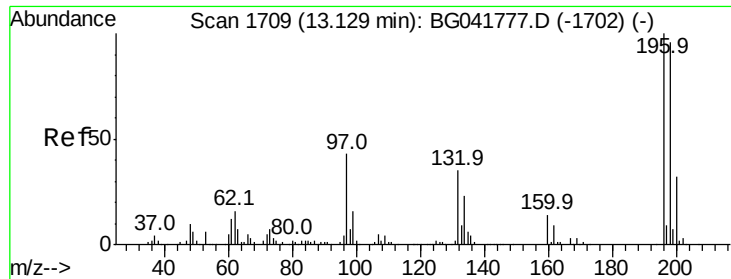
#42
2,4,6-Tribromophenol
Concen: 133.026 ng
RT: 16.19 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BG041885.D
Acq: 2 Aug 2019 12:44

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.0
141	32.3	31.9	47.9



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

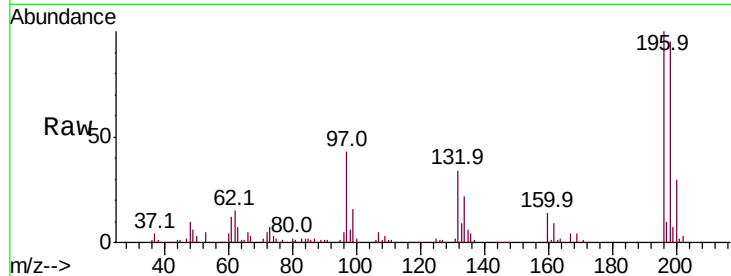




#43
 2,4,6-Trichlorophenol
 Concen: 47.678 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG041885.D
 Acq: 2 Aug 2019 12:44

Instrument :
 BNA_G
 ClientSampleId :
 PB121894BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.5	79.6	119.4
200	29.8	25.2	37.8

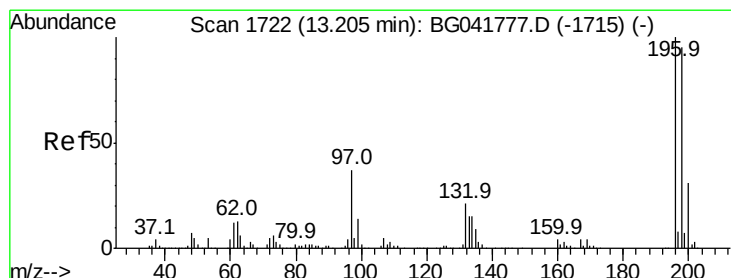
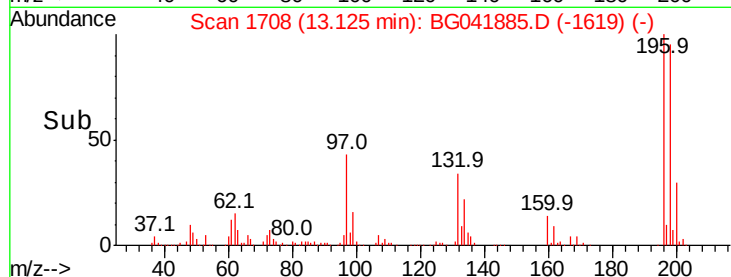
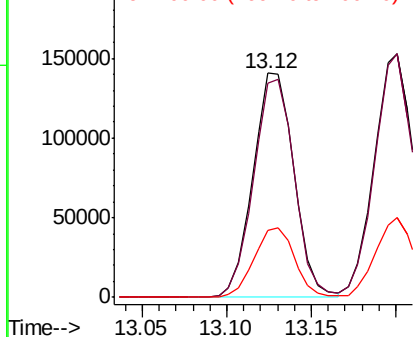


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 49.278 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG041885.D
 Acq: 2 Aug 2019 12:44

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.1	80.6	121.0
97	36.5	33.9	50.9
132	21.0	20.2	30.2

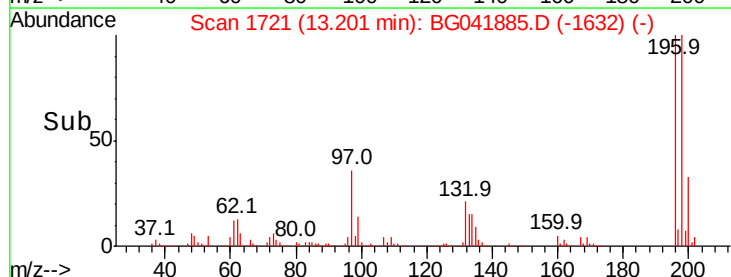
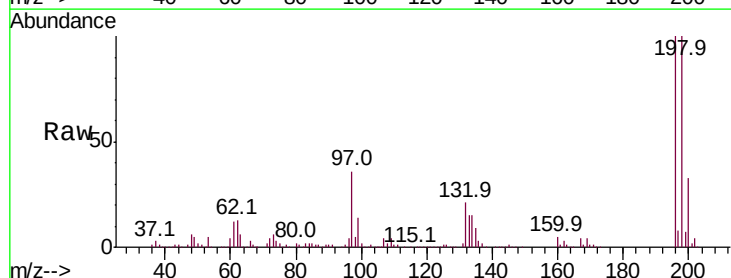
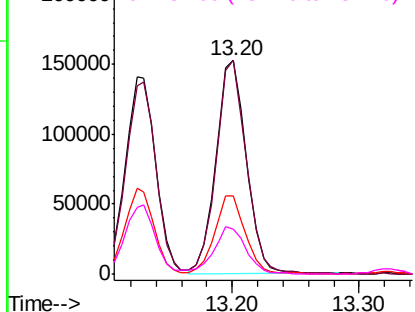
Abundance

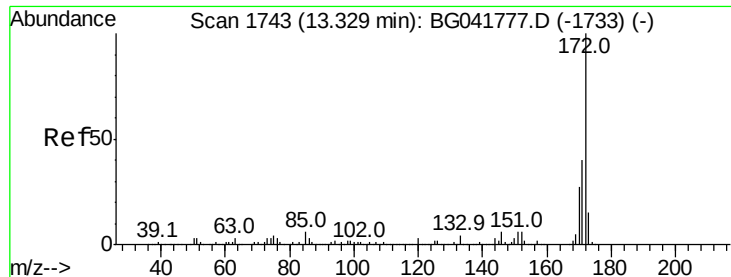
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 84.555 ng

RT: 13.32 min Scan# 1741

Delta R.T. -0.01 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB121894BS

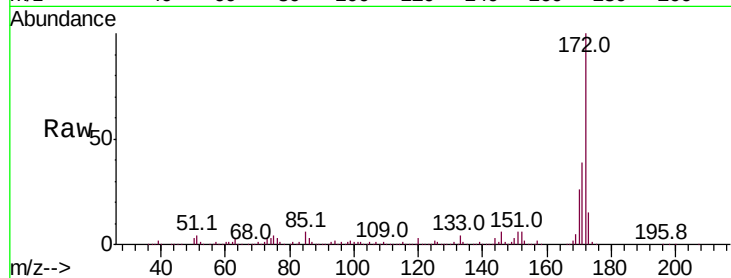
Tot Ion:172 Resp: 1193778

Ion	Ratio	Lower	Upper
172	100		
171	38.8	35.0	52.4
170	25.6	23.5	35.3

172 100

171 38.8 35.0 52.4

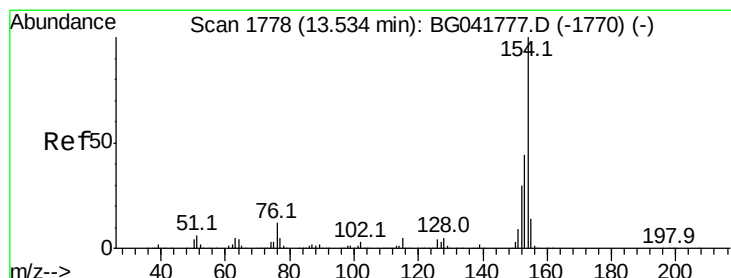
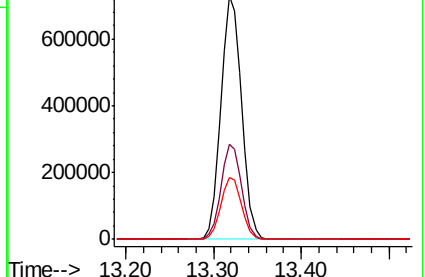
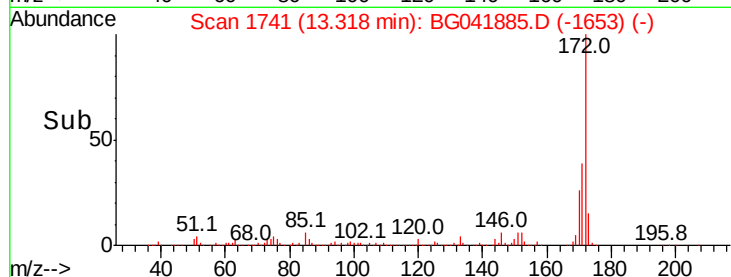
170 25.6 23.5 35.3



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 44.345 ng

RT: 13.53 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

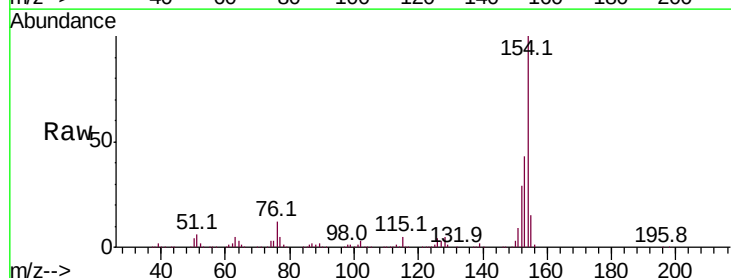
Tgt Ion:154 Resp: 709827

Ion	Ratio	Lower	Upper
154	100		
153	43.2	25.0	65.0
76	11.6	0.0	34.5

154 100

153 43.2 25.0 65.0

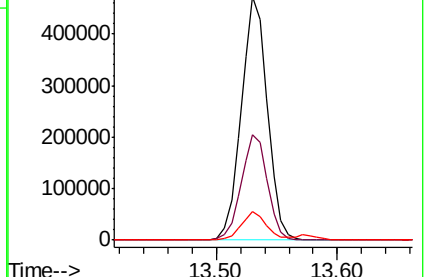
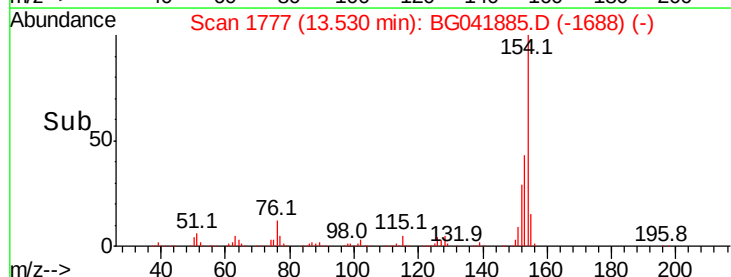
76 11.6 0.0 34.5

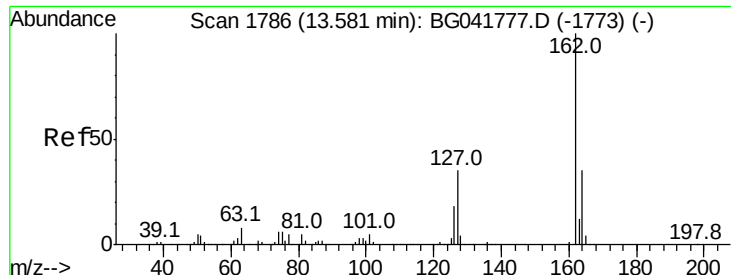


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

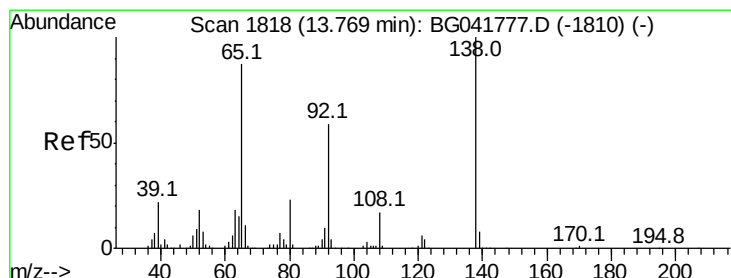
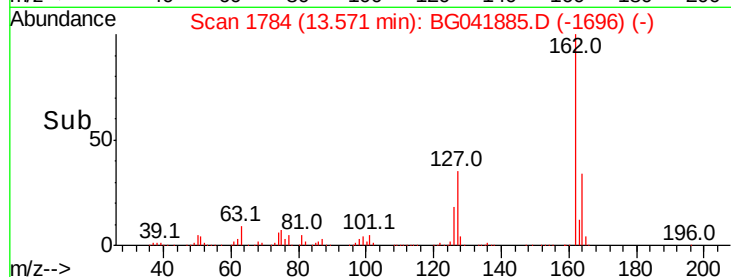
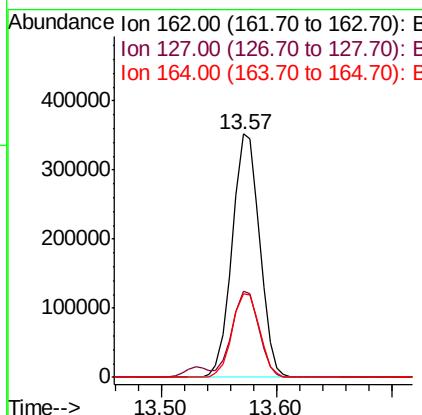
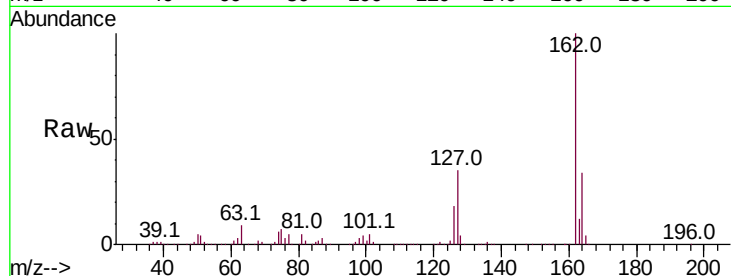




#47
2-Chloronaphthalene
Concen: 42.627 ng
RT: 13.57 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BG041885.D
Acq: 2 Aug 2019 12:44

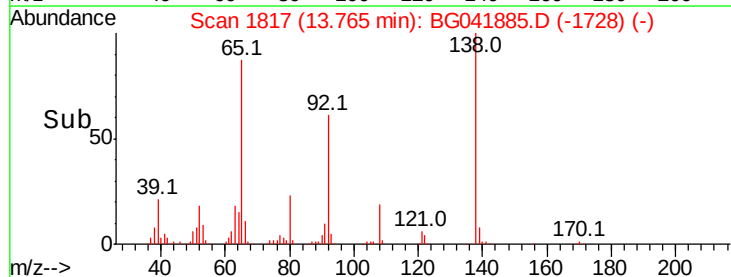
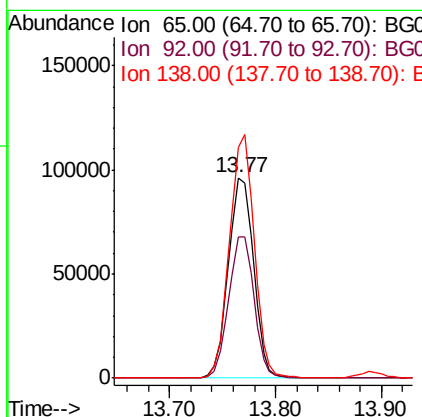
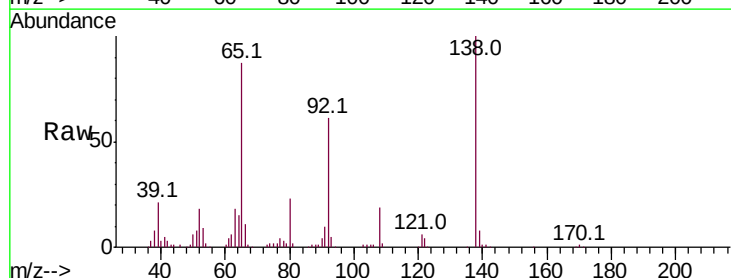
Instrument :
BNA_G
ClientSampleId :
PB121894BS

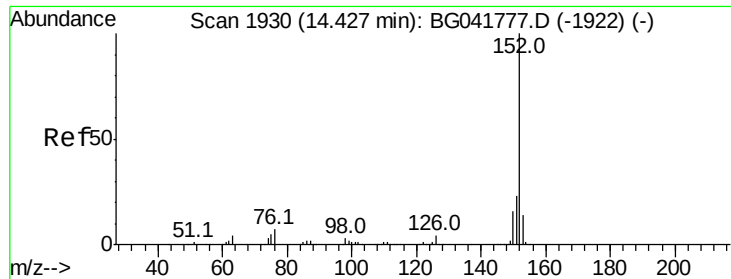
Tot Ion	Ratio	Lower	Upper
162	100		
127	35.4	30.4	45.6
164	34.3	28.6	42.8



#48
2-Nitroaniline
Concen: 46.295 ng
RT: 13.77 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BG041885.D
Acq: 2 Aug 2019 12:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.6	53.9	80.9
138	115.0	83.5	125.3





#49

Acenaphthylene

Concen: 44.689 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB121894BS

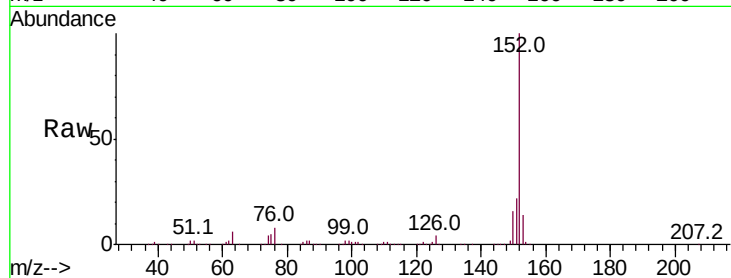
Tot Ion:152 Resp: 911012

Ion Ratio Lower Upper

152 100

151 22.2 18.7 28.1

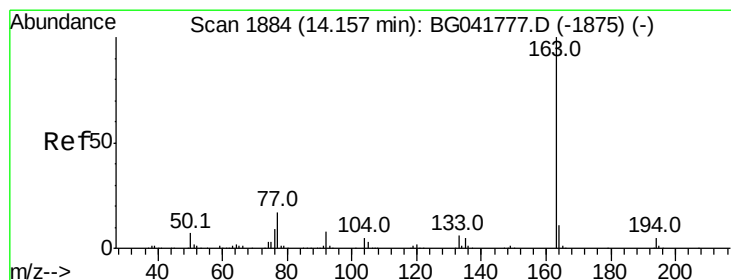
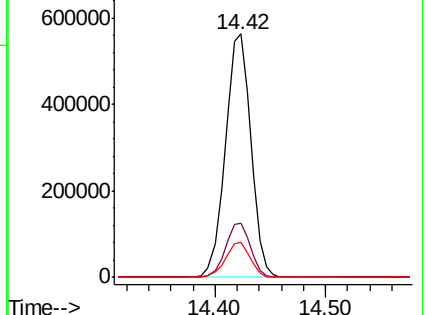
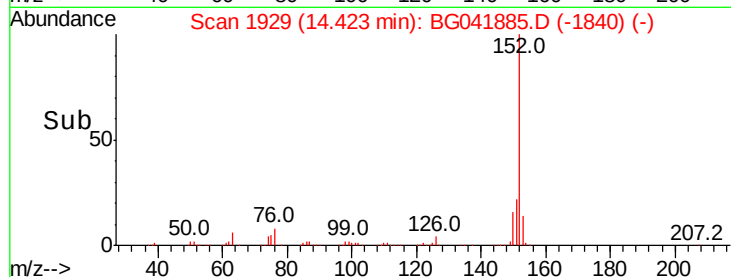
153 14.2 12.4 18.6



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: 43.712 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

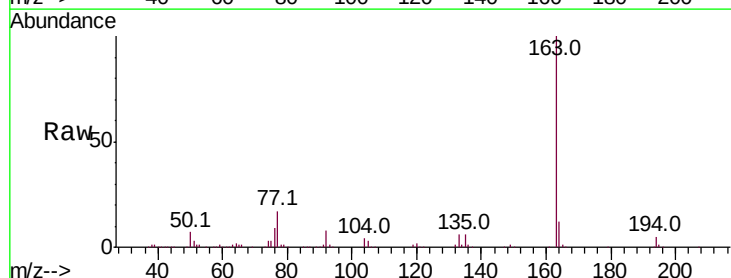
Tgt Ion:163 Resp: 743371

Ion Ratio Lower Upper

163 100

194 5.4 4.2 6.2

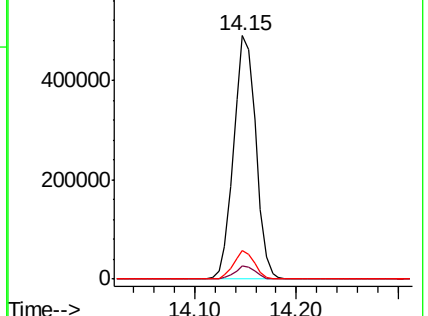
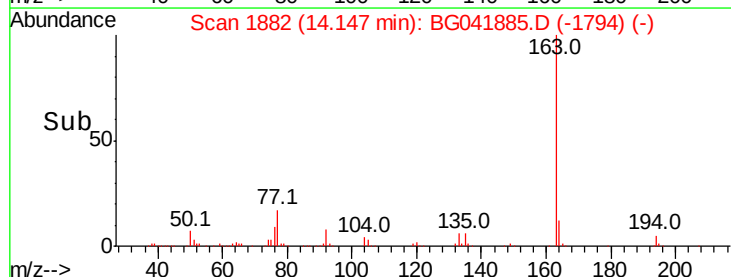
164 11.6 9.4 14.2

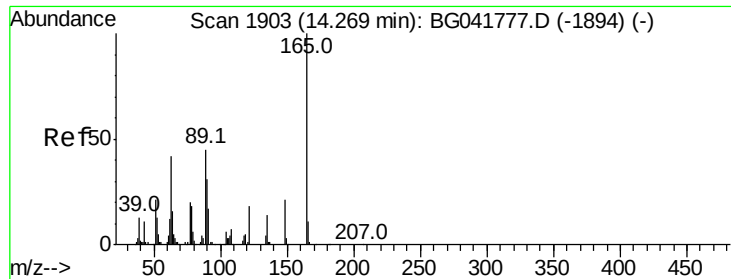


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 49.770 ng

RT: 14.26 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB121894BS

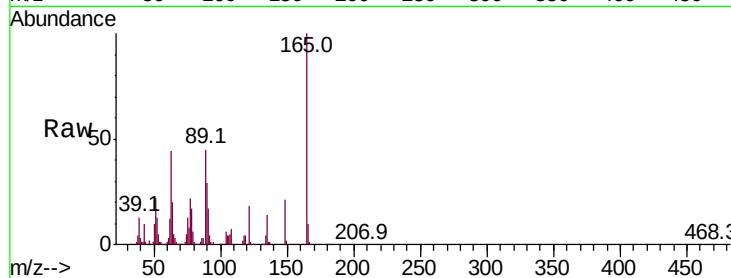
Tot Ion:165 Resp: 176984

Ion Ratio Lower Upper

165 100

63 44.0 42.4 63.6

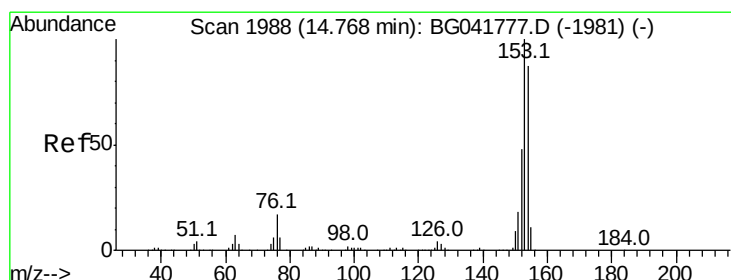
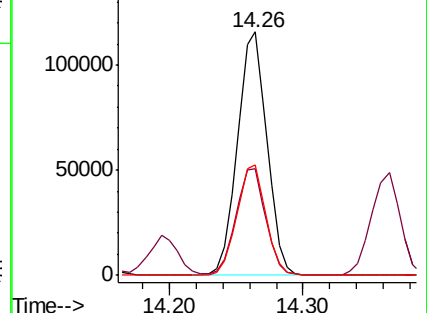
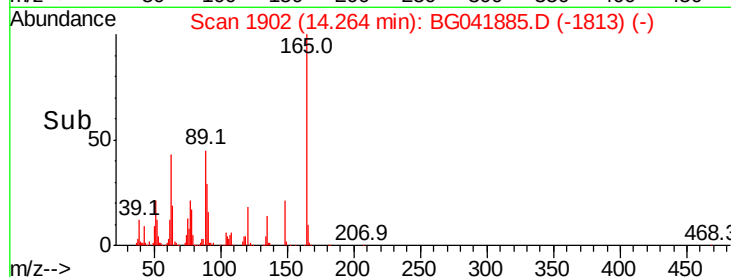
89 45.1 42.1 63.1



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 48.355 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

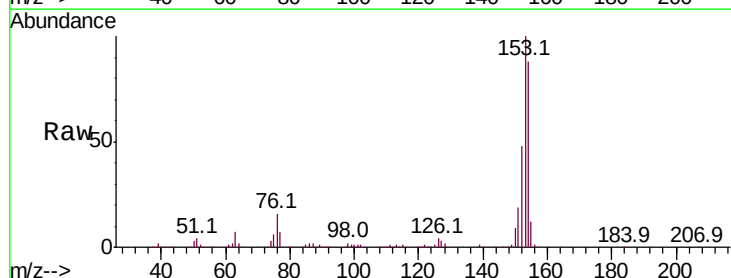
Tgt Ion:154 Resp: 641120

Ion Ratio Lower Upper

154 100

153 113.9 89.8 134.6

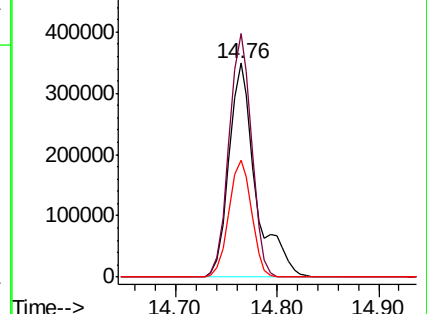
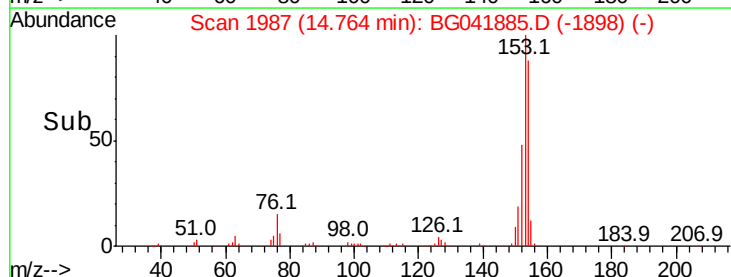
152 54.6 44.9 67.3

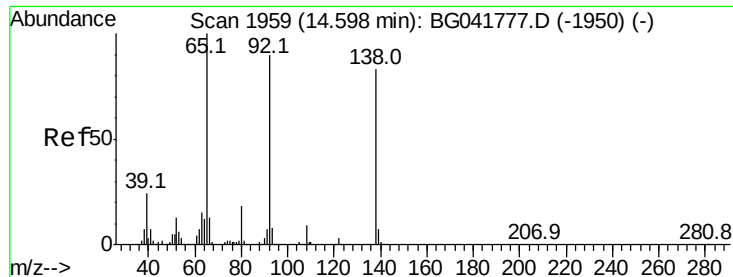


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 31.707 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB121894BS

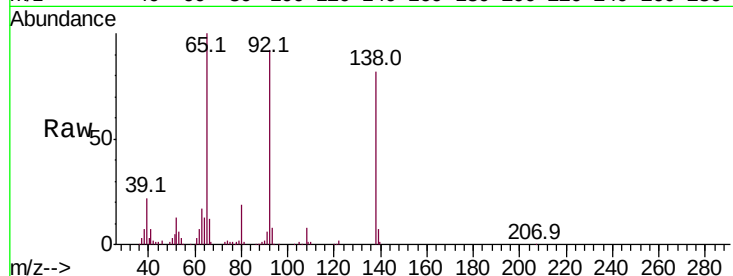
Tot Ion:138 Resp: 120623

Ion Ratio Lower Upper

138 100

108 10.0 10.3 15.5#

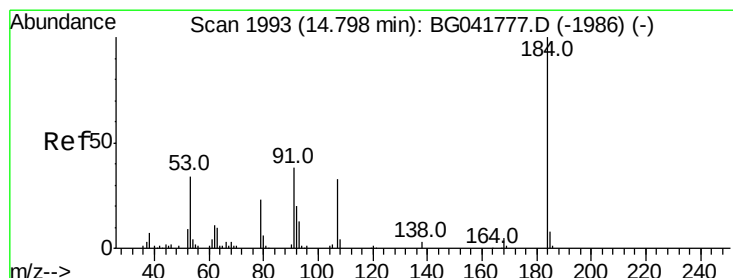
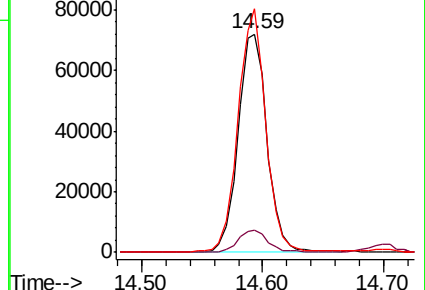
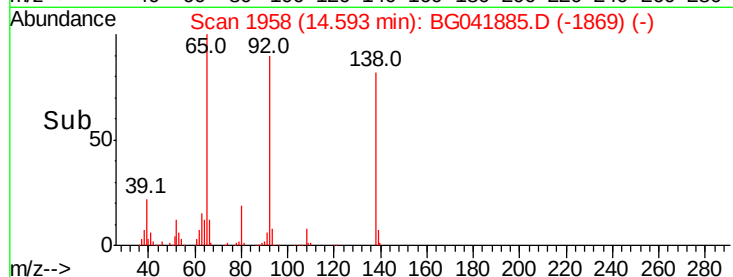
92 111.6 93.0 139.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 89.792 ng

RT: 14.80 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

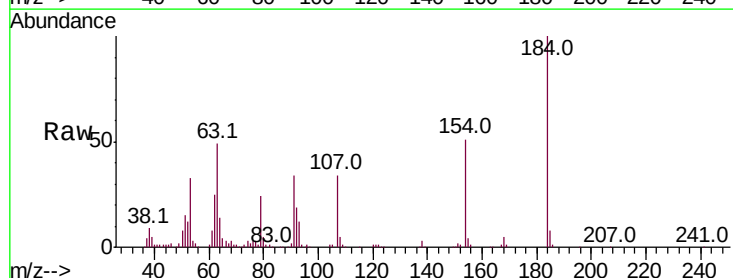
Tgt Ion:184 Resp: 202592

Ion Ratio Lower Upper

184 100

63 48.6 43.2 64.8

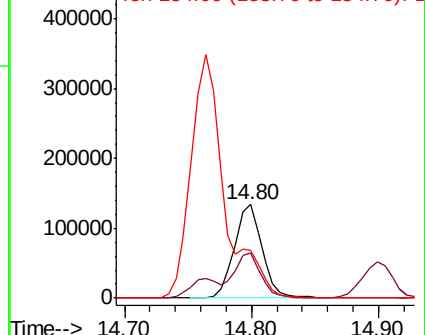
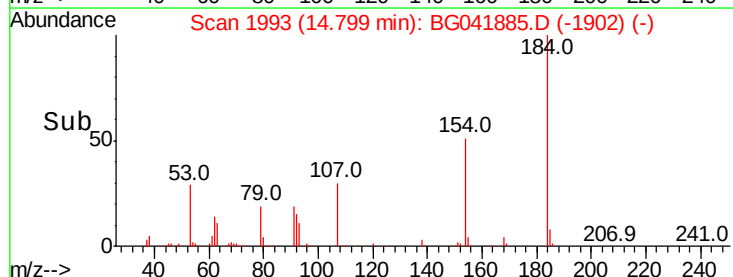
154 50.9 51.4 77.2#

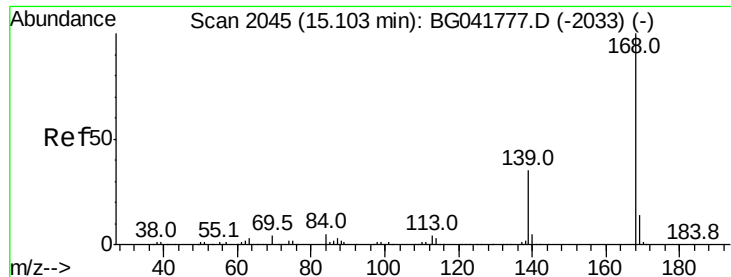


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

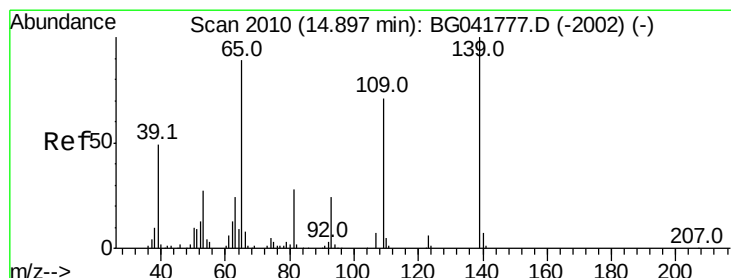
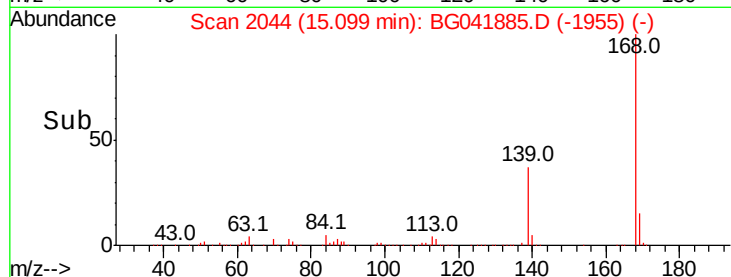
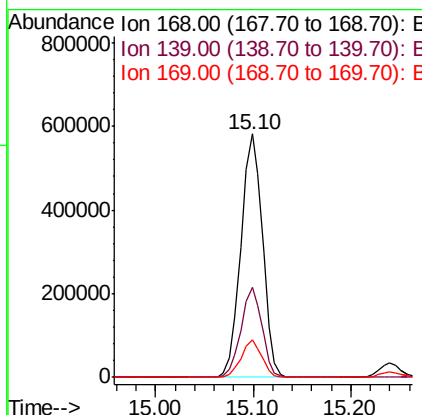
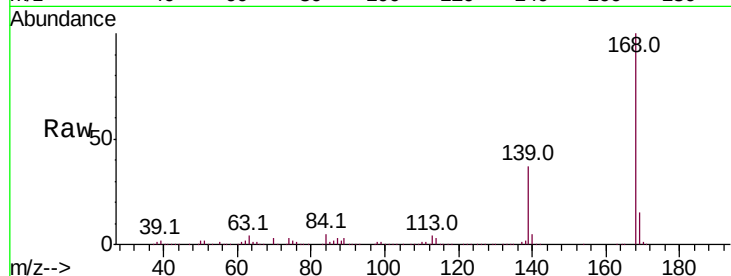




#55
Dibenzenofuran
Concen: 44.259 ng
RT: 15.10 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BG041885.D
Acq: 2 Aug 2019 12:44

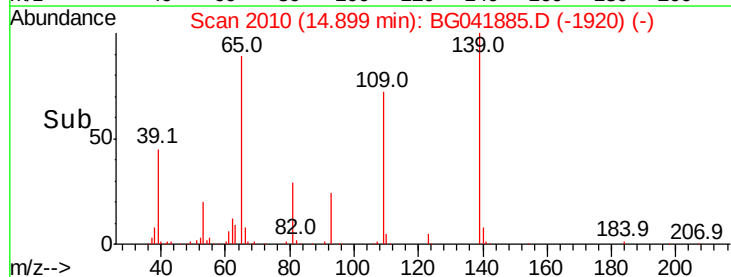
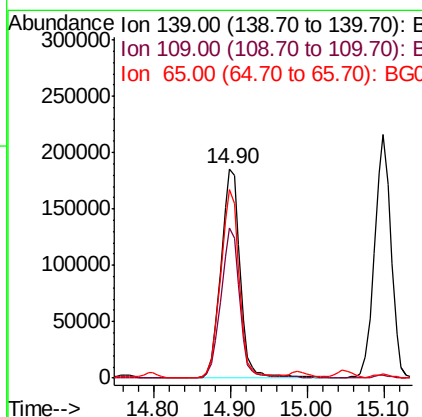
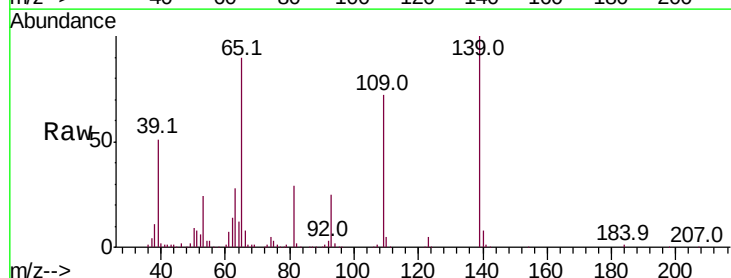
Instrument :
BNA_G
ClientSampleId :
PB121894BS

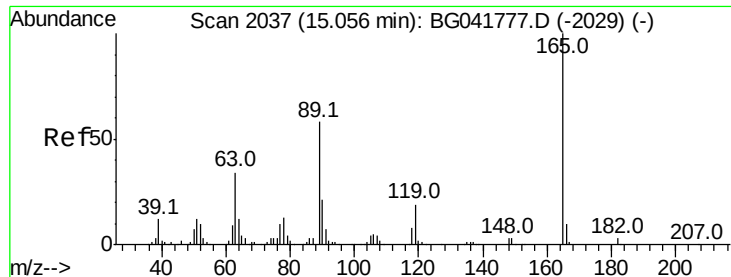
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.1	31.9	47.9
169	15.4	12.5	18.7



#56
4-Nitrophenol
Concen: 111.408 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BG041885.D
Acq: 2 Aug 2019 12:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.6	51.3	91.3
65	90.1	77.6	117.6

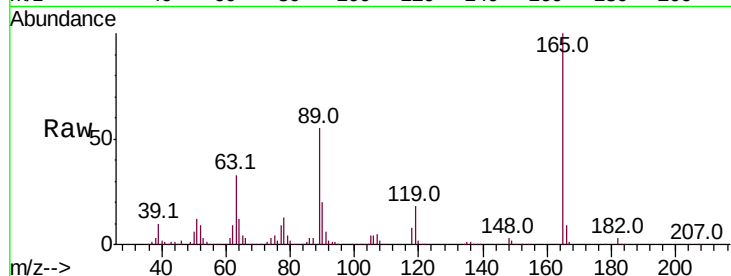




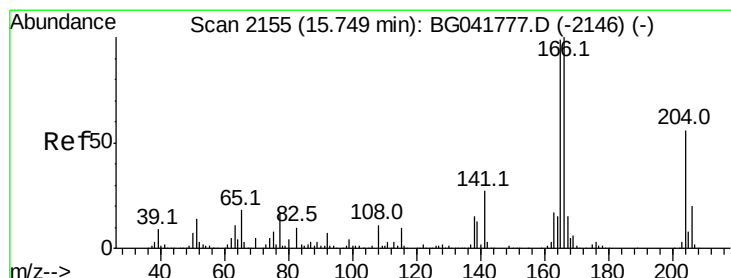
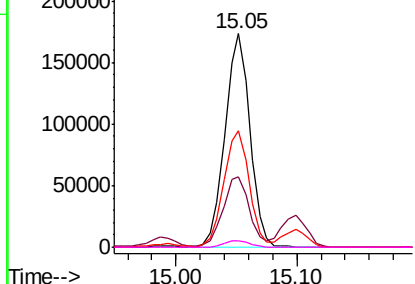
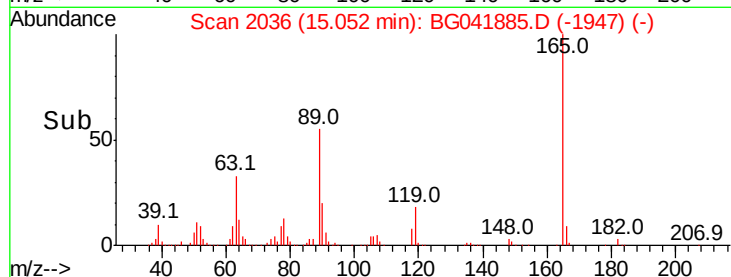
#57
 2,4-Dinitrotoluene
 Concen: 50.726 ng
 RT: 15.05 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BG041885.D
 Acq: 2 Aug 2019 12:44

Instrument :
 BNA_G
 ClientSampleId :
 PB121894BS

Tot Ion:165 Resp: 248066
 Ion Ratio Lower Upper
 165 100
 63 33.0 31.7 47.5
 89 54.6 50.2 75.4
 182 3.1 2.6 4.0

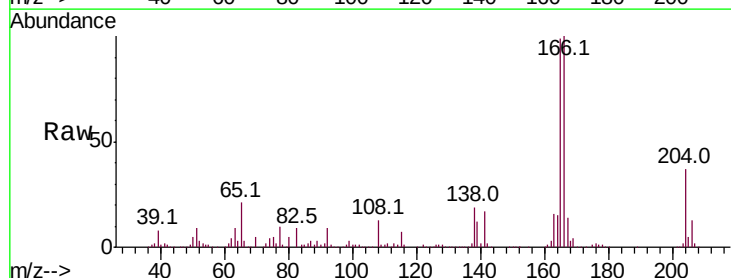


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

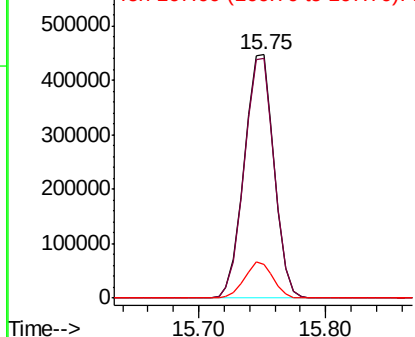
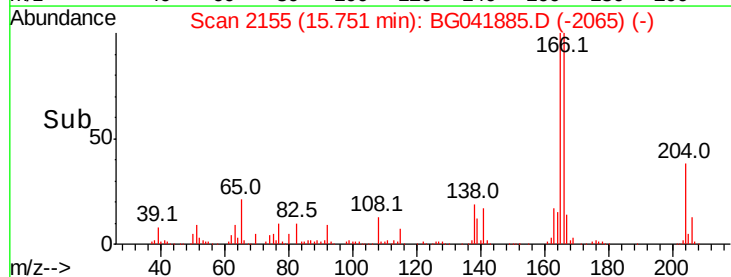


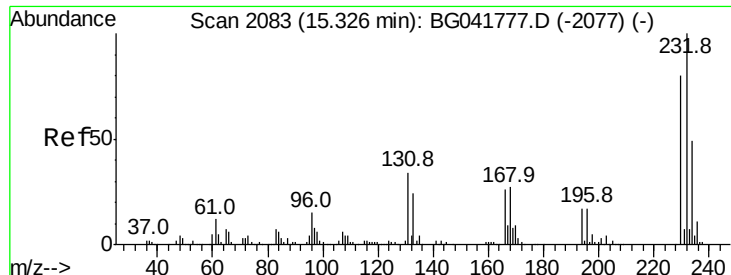
#58
 Fluorene
 Concen: 44.699 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: BG041885.D
 Acq: 2 Aug 2019 12:44

Tgt Ion:166 Resp: 727475
 Ion Ratio Lower Upper
 166 100
 165 98.6 80.5 120.7
 167 14.0 12.4 18.6



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

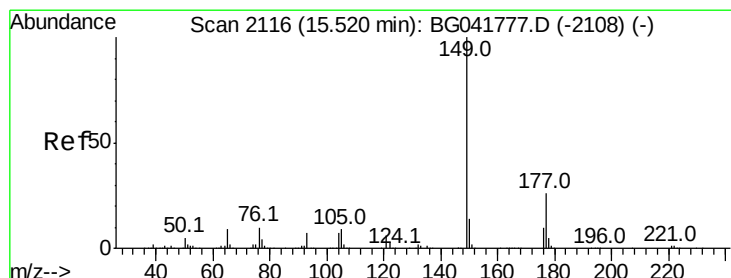
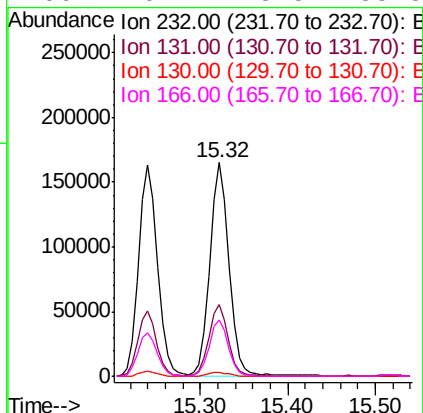
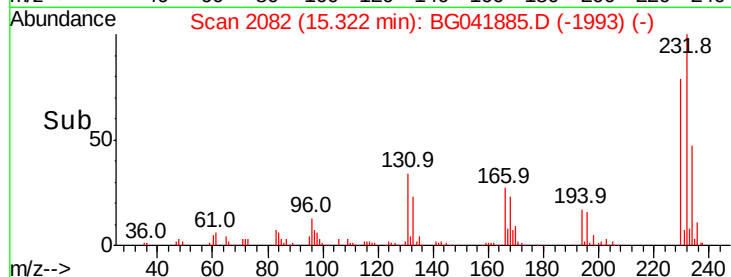
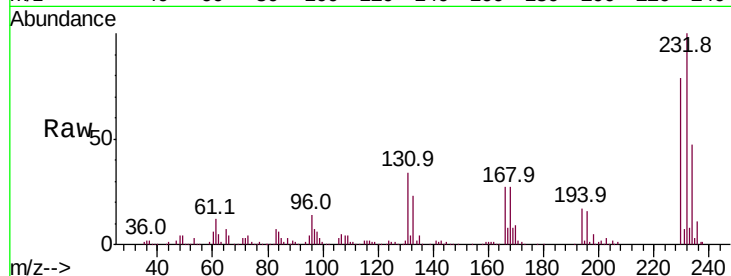




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.087 ng
 RT: 15.32 min Scan# 2082
 Delta R.T. -0.00 min
 Lab File: BG041885.D
 Acq: 2 Aug 2019 12:44

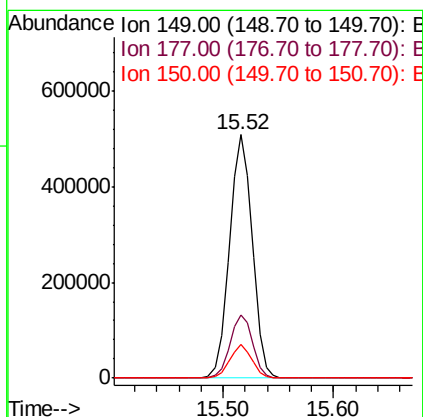
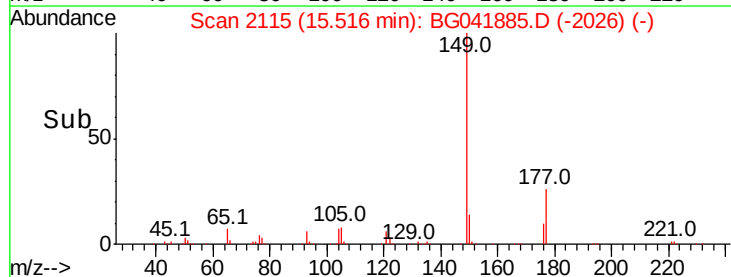
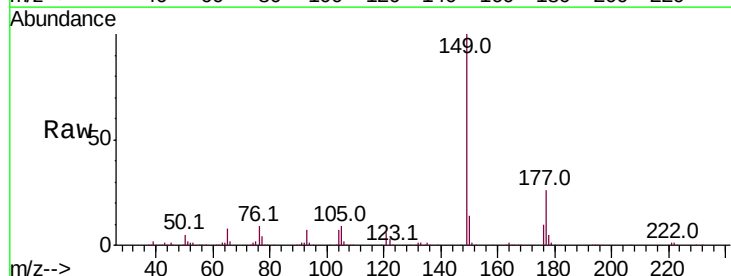
Instrument :
 BNA_G
 ClientSampleId :
 PB121894BS

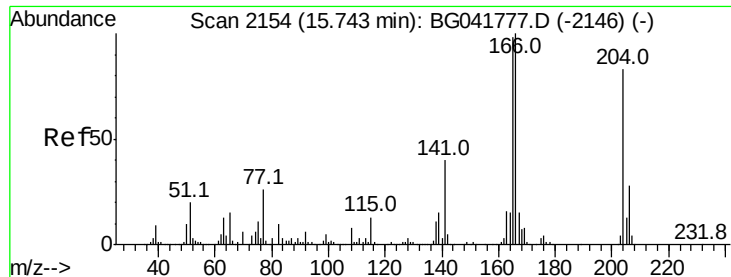
Tot Ion:	232	Resp:	251691
Ion	Ratio	Lower	Upper
232	100		
131	34.1	31.8	47.6
130	1.9	1.8	2.8
166	26.7	23.5	35.3



#60
 Diethylphthalate
 Concen: 44.125 ng
 RT: 15.52 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: BG041885.D
 Acq: 2 Aug 2019 12:44

Tgt Ion:	149	Resp:	736722
Ion	Ratio	Lower	Upper
149	100		
177	25.8	20.7	31.1
150	14.1	11.5	17.3

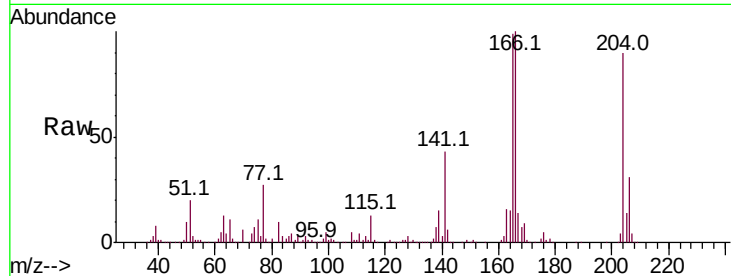




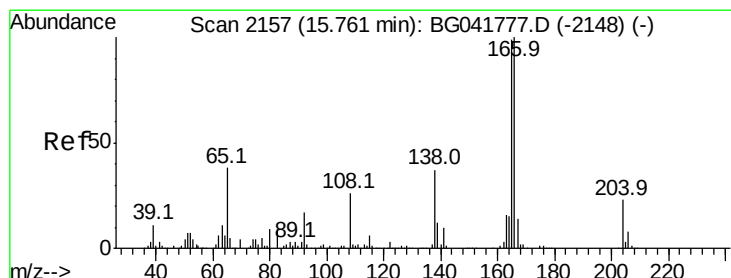
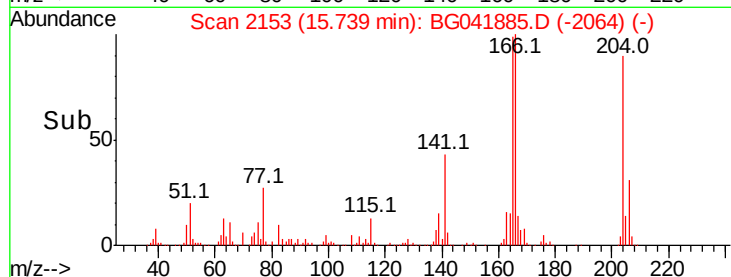
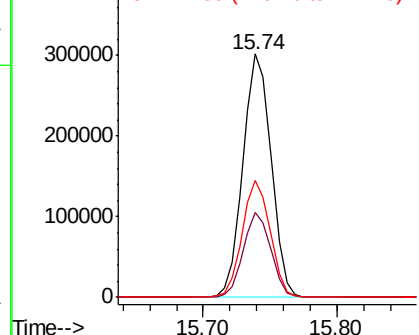
#61
4-Chlorophenyl-phenylether
Concen: 44.223 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG041885.D
Acq: 2 Aug 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB121894BS

Tot Ion:204 Resp: 439377
Ion Ratio Lower Upper
204 100
206 34.7 28.6 42.8
141 47.9 42.9 64.3

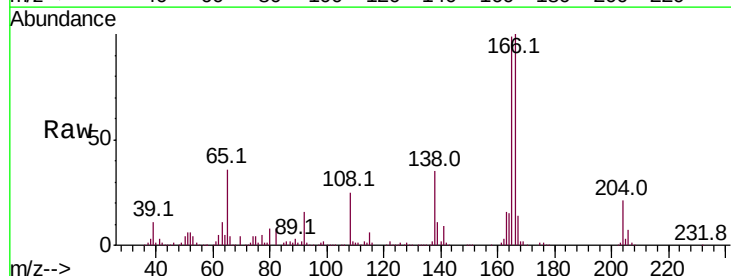


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

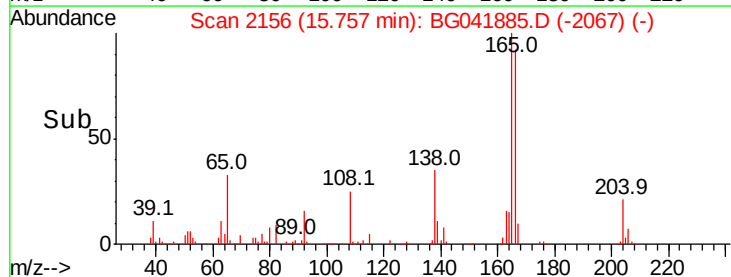
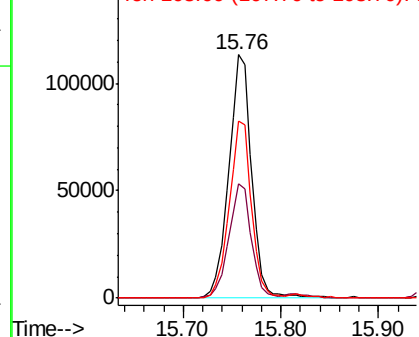


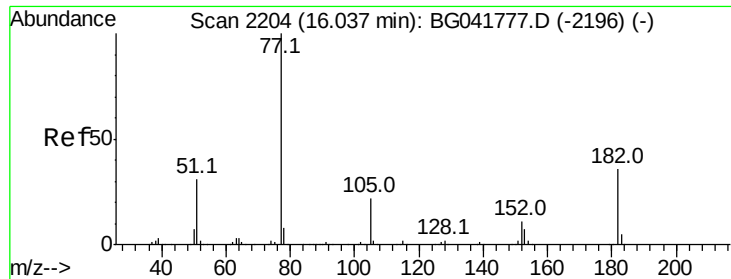
#62
4-Nitroaniline
Concen: 44.505 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.00 min
Lab File: BG041885.D
Acq: 2 Aug 2019 12:44

Tgt Ion:138 Resp: 183387
Ion Ratio Lower Upper
138 100
92 46.7 29.8 69.8
108 72.7 52.2 92.2



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





#63

Azobenzene

Concen: 43.152 ng

RT: 16.03 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB121894BS

Tot Ion: 77 Resp: 588533

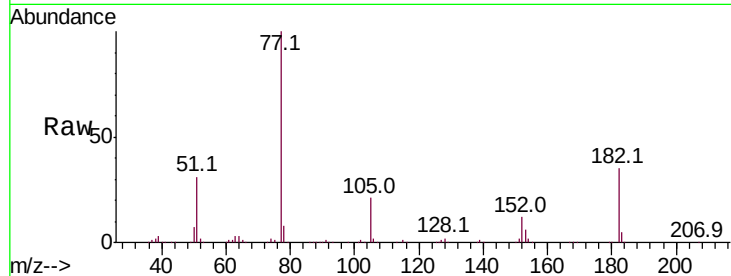
Ion Ratio Lower Upper

77 100

182 35.0 13.2 53.2

105 21.4 2.2 42.2

51 30.6 14.6 54.6

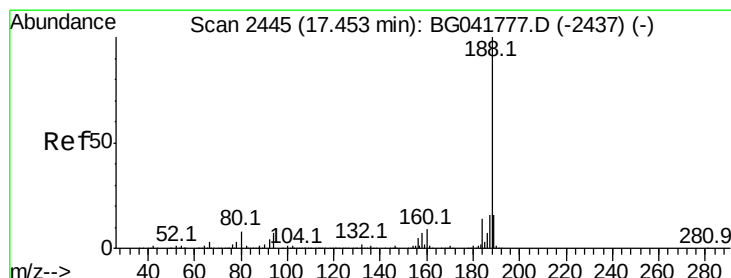
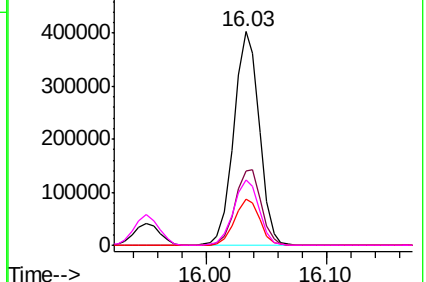
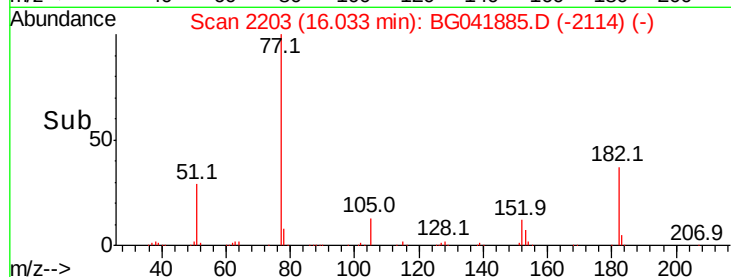


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.45 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

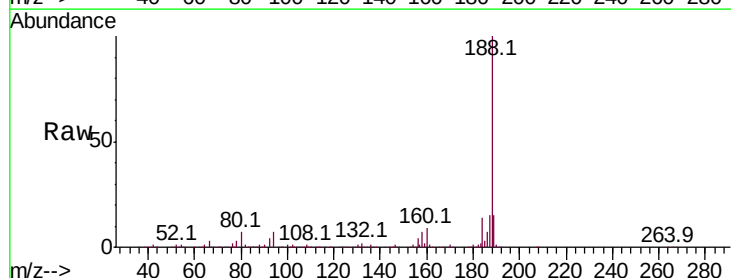
Tgt Ion: 188 Resp: 566041

Ion Ratio Lower Upper

188 100

94 7.0 6.9 10.3

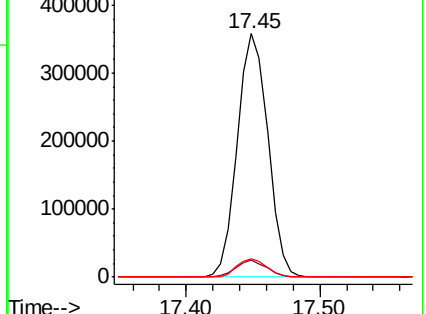
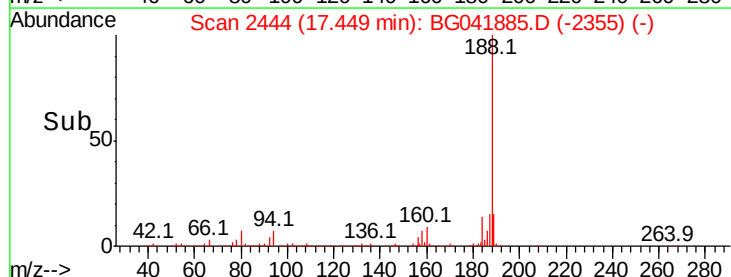
80 7.4 8.0 12.0#

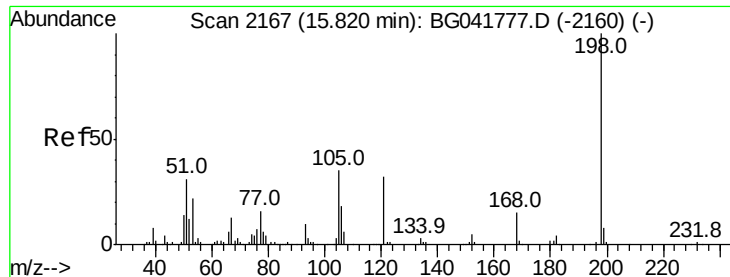


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 53.665 ng

RT: 15.82 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB121894BS

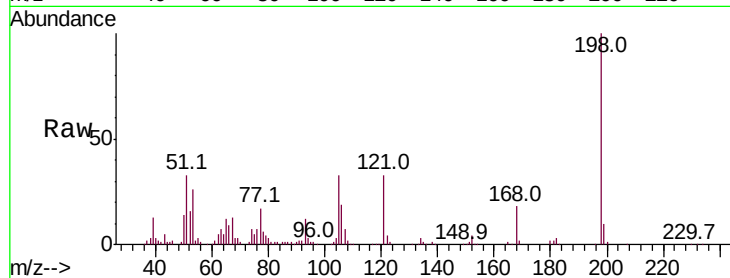
Tot Ion:198 Resp: 151288

Ion Ratio Lower Upper

198 100

51 33.0 22.3 62.3

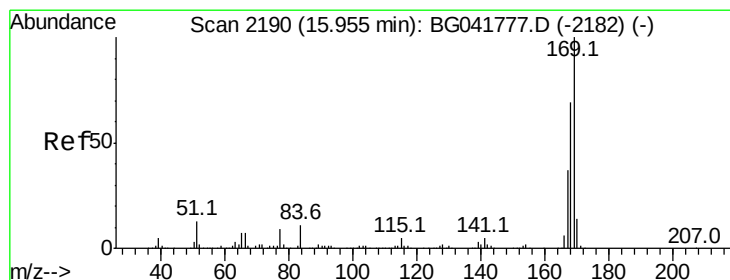
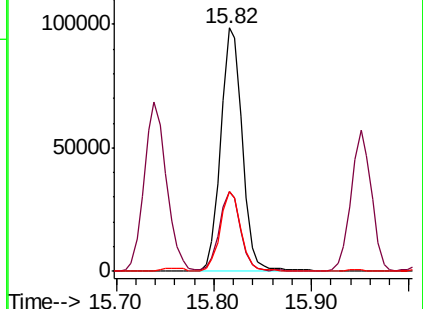
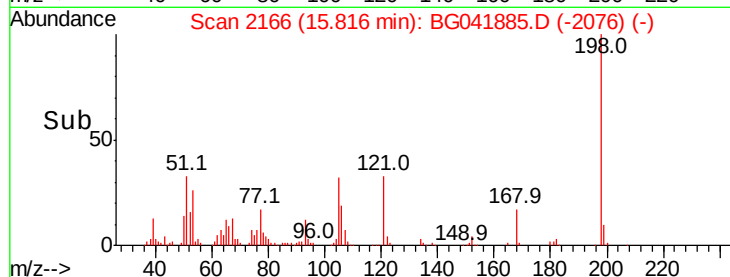
105 32.7 18.0 58.0



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: 44.036 ng

RT: 15.95 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

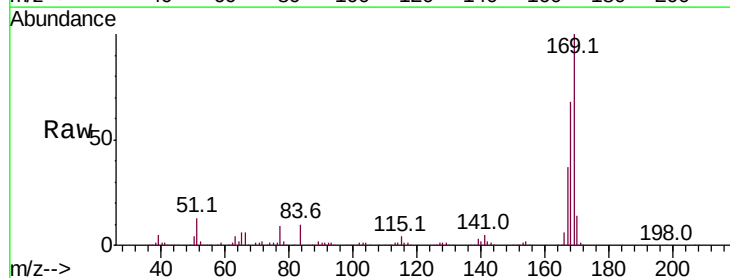
Tgt Ion:169 Resp: 678978

Ion Ratio Lower Upper

169 100

168 68.1 56.9 85.3

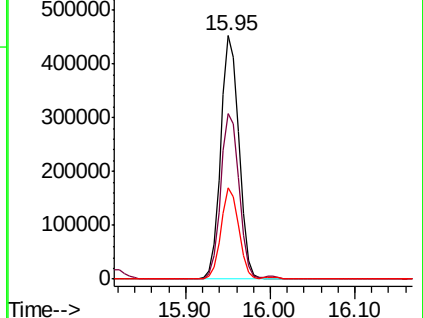
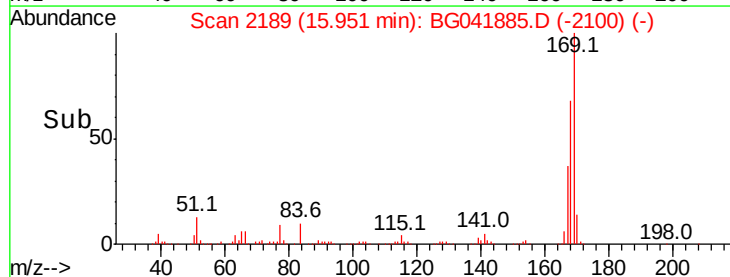
167 37.3 31.5 47.3

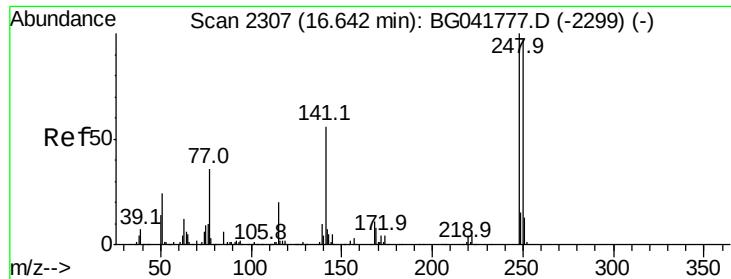


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

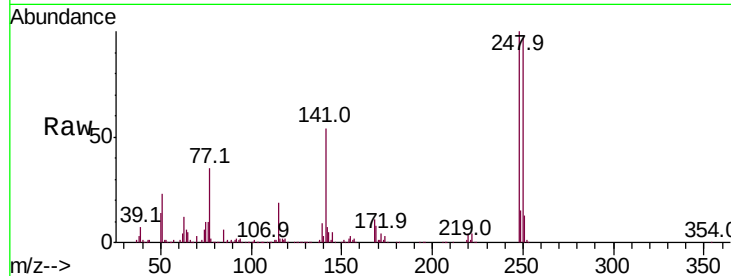




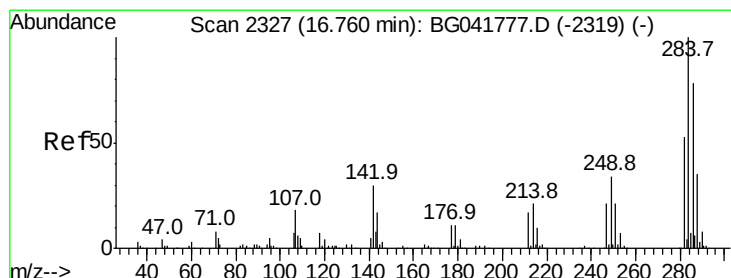
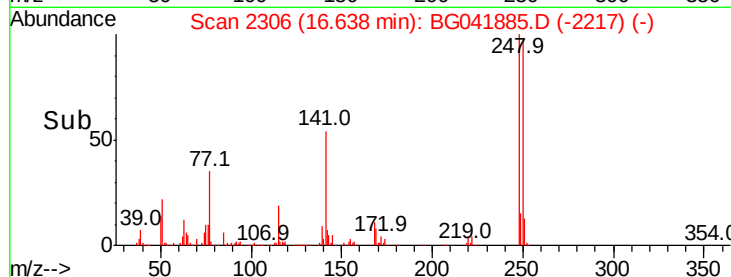
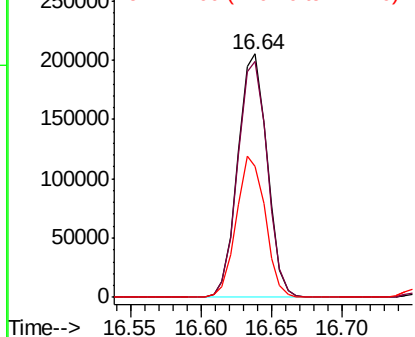
#67
4-Bromophenyl-phenylether
Concen: 42.729 ng
RT: 16.64 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BG041885.D
Acq: 2 Aug 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB121894BS

Tot Ion:248 Resp: 297927
Ion Ratio Lower Upper
248 100
250 97.1 78.1 117.1
141 53.6 49.6 74.4

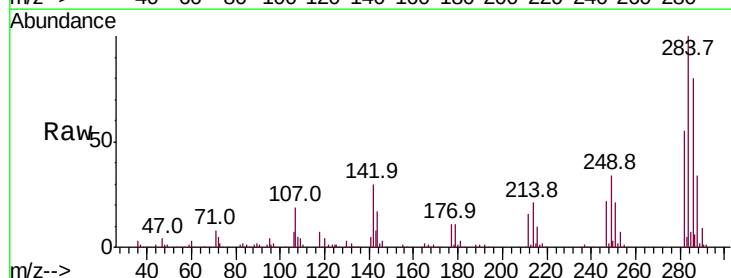


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

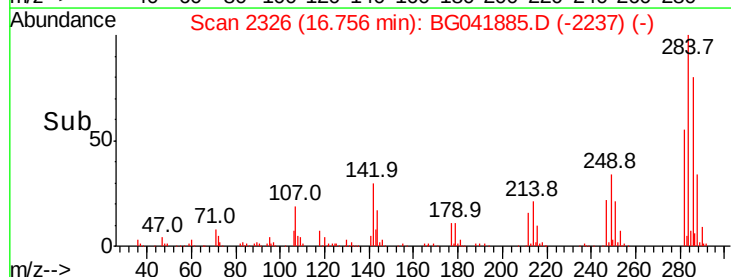
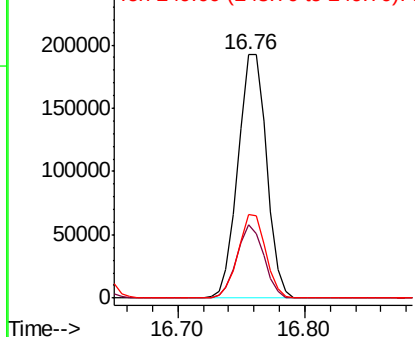


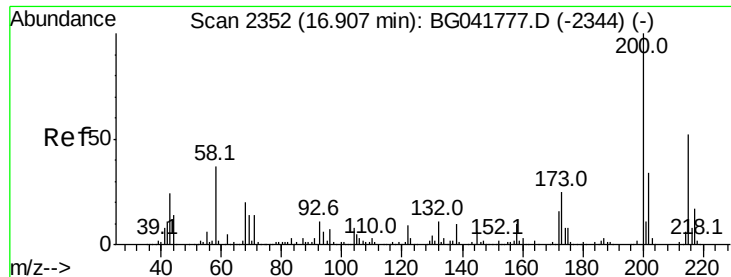
#68
Hexachlorobenzene
Concen: 41.119 ng
RT: 16.76 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BG041885.D
Acq: 2 Aug 2019 12:44

Tgt Ion:284 Resp: 299941
Ion Ratio Lower Upper
284 100
142 29.9 27.0 40.6
249 34.2 28.4 42.6



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

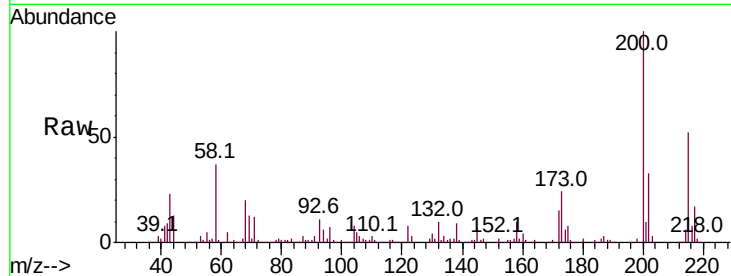




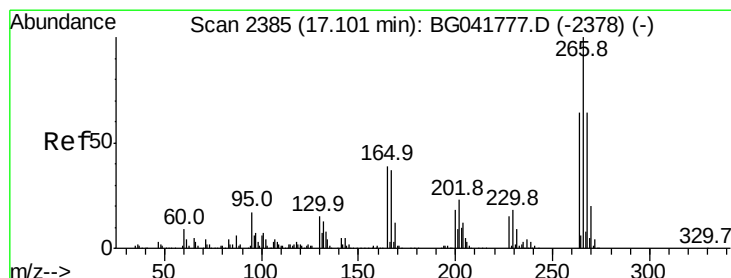
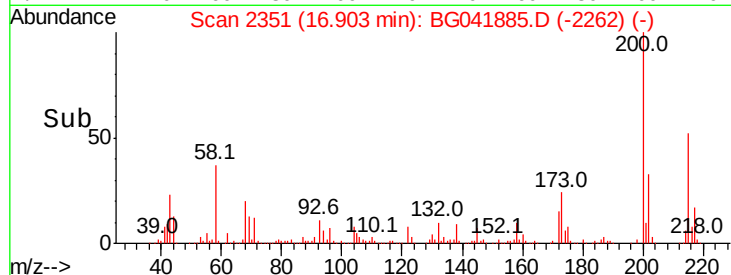
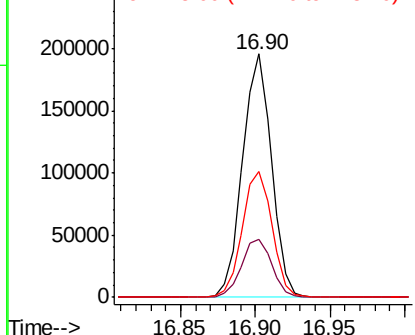
#69
Atrazine
Concen: 43.396 ng
RT: 16.90 min Scan# 2351
Delta R.T. -0.00 min
Lab File: BG041885.D
Acq: 2 Aug 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB121894BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.8	5.3	45.3
215	51.6	31.8	71.8

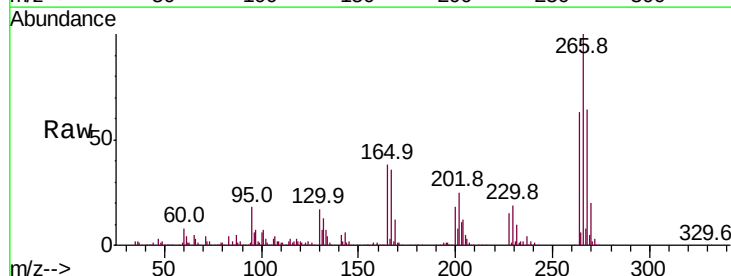


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

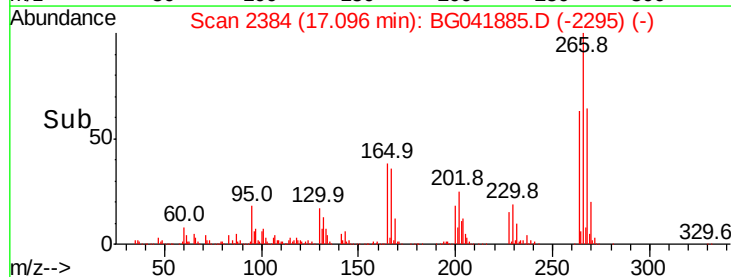
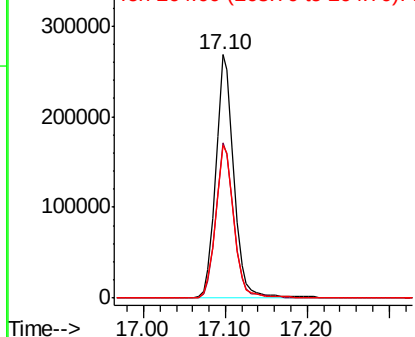


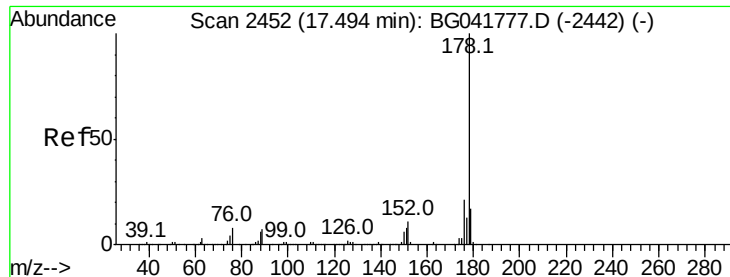
#70
Pentachlorophenol
Concen: 100.275 ng
RT: 17.10 min Scan# 2384
Delta R.T. -0.00 min
Lab File: BG041885.D
Acq: 2 Aug 2019 12:44

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	52.9	79.3
264	62.8	51.4	77.2



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.645 ng

RT: 17.50 min Scan# 2452

Delta R.T. 0.00 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB121894BS

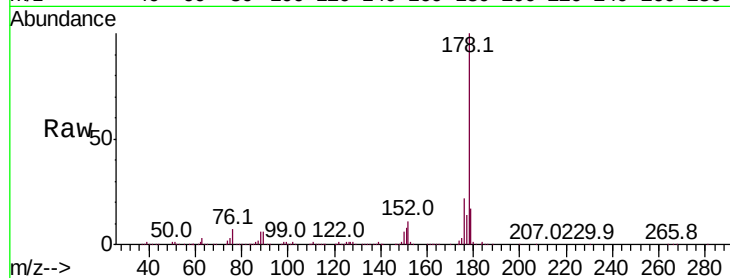
Tot Ion:178 Resp: 1211318

Ion Ratio Lower Upper

178 100

176 21.6 18.6 28.0

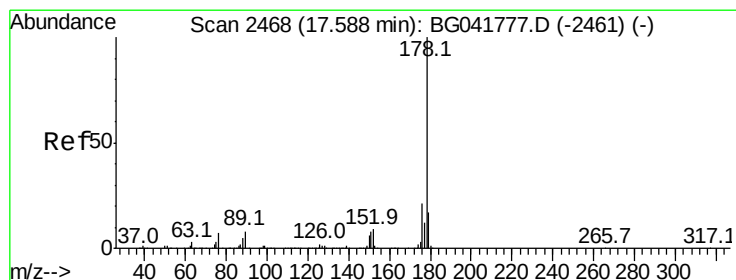
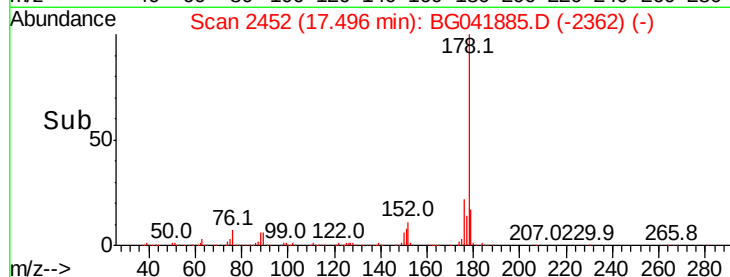
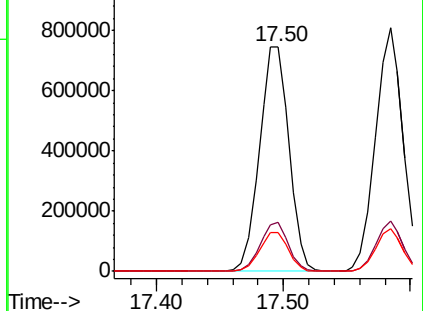
179 17.2 15.4 23.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.370 ng

RT: 17.58 min Scan# 2467

Delta R.T. -0.00 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

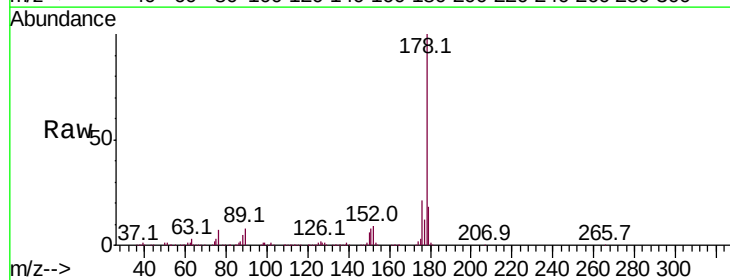
Tgt Ion:178 Resp: 1227695

Ion Ratio Lower Upper

178 100

176 20.6 18.6 28.0

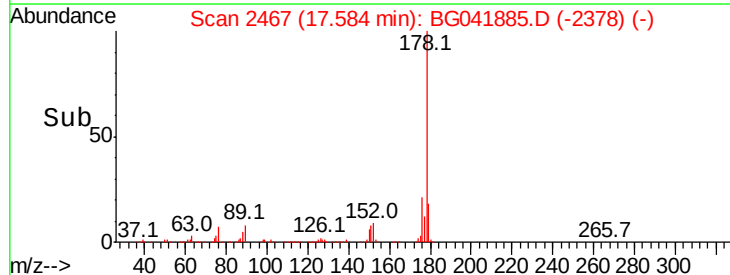
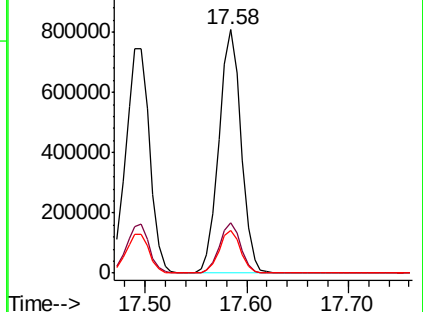
179 17.7 15.1 22.7

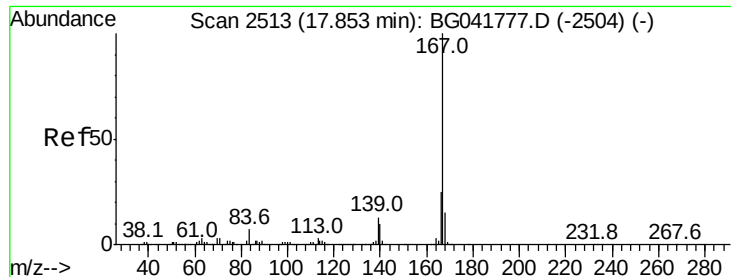


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 45.292 ng

RT: 17.85 min Scan# 2512

Delta R.T. -0.00 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB121894BS

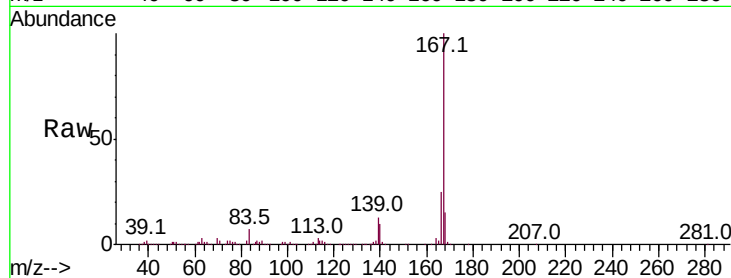
Tot Ion:167 Resp: 1100025

Ion Ratio Lower Upper

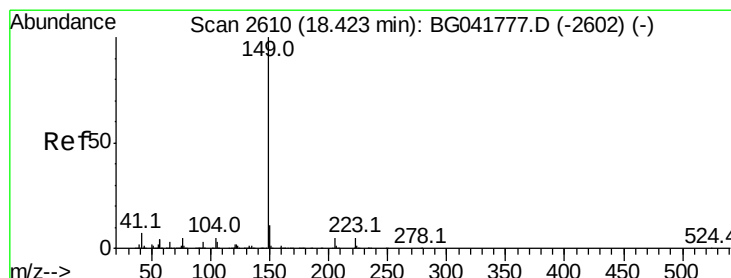
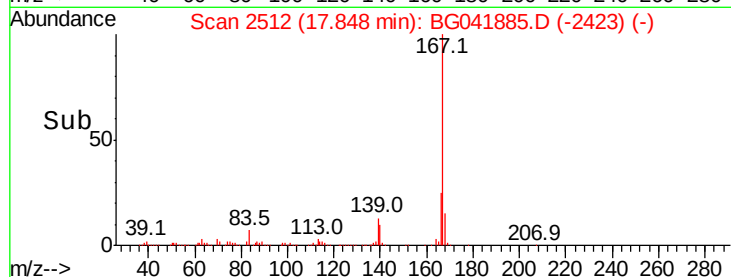
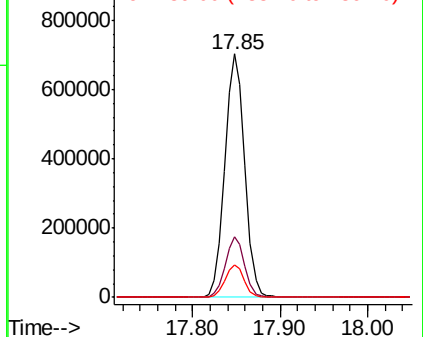
167 100

166 24.8 21.4 32.2

139 13.2 12.1 18.1



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.725 ng

RT: 18.41 min Scan# 2608

Delta R.T. -0.01 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

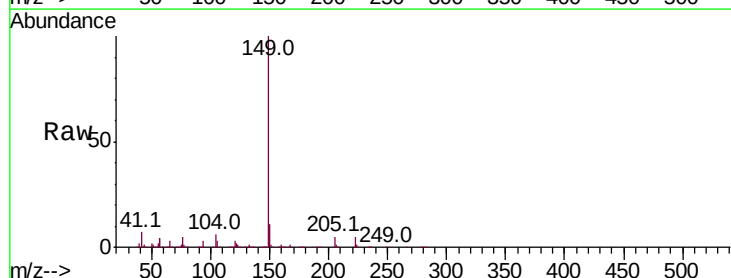
Tgt Ion:149 Resp: 1258996

Ion Ratio Lower Upper

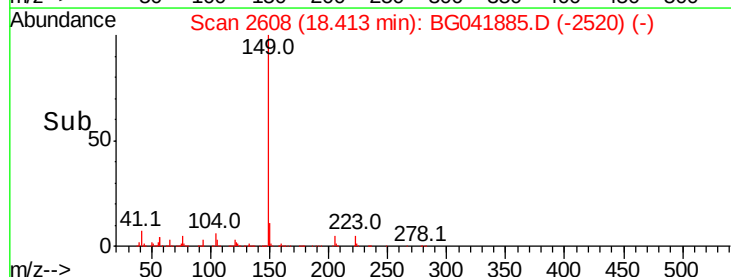
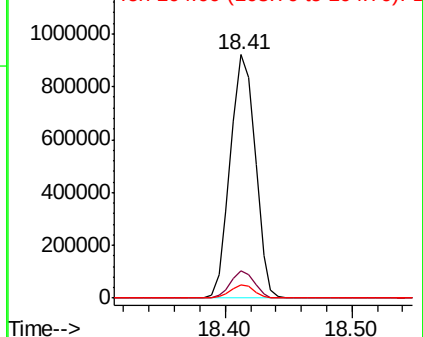
149 100

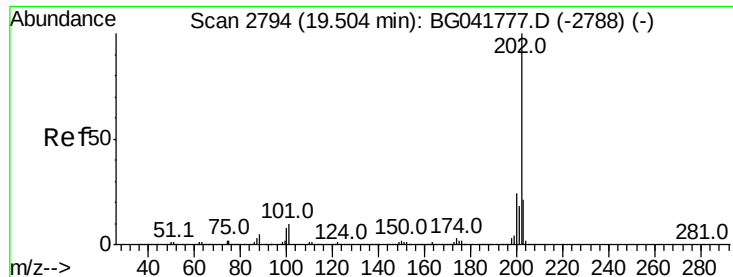
150 11.2 10.2 15.2

104 5.6 5.3 7.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.506 ng

RT: 19.50 min Scan# 2793

Delta R.T. -0.00 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB121894BS

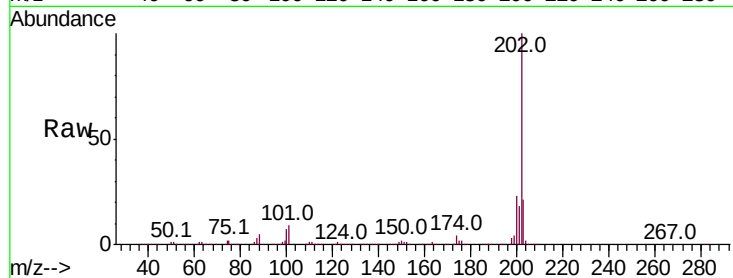
Tot Ion:202 Resp: 1533750

Ion Ratio Lower Upper

202 100

101 9.1 0.0 32.8

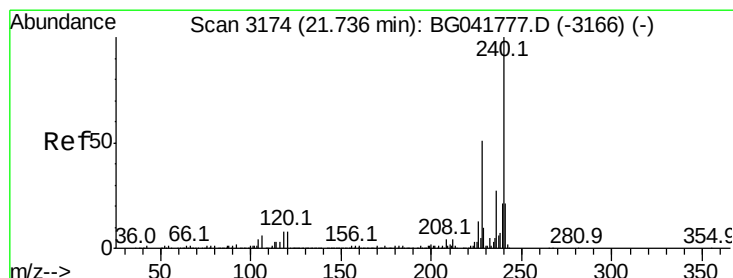
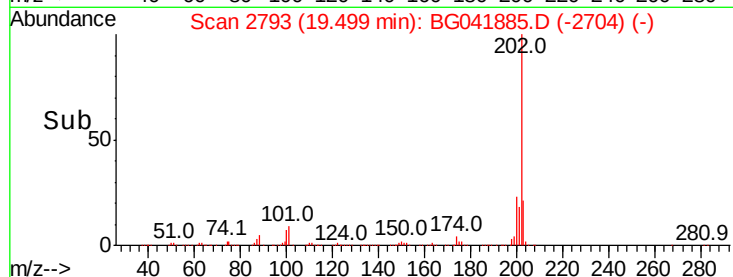
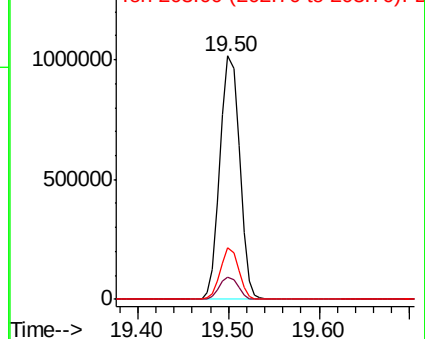
203 21.1 3.7 43.7



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: 21.73 min Scan# 3173

Delta R.T. -0.00 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

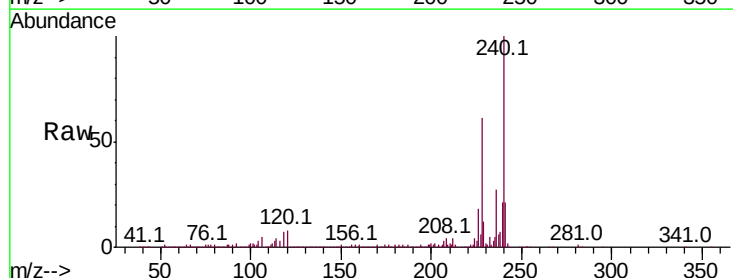
Tgt Ion:240 Resp: 577738

Ion Ratio Lower Upper

240 100

120 8.2 8.0 12.0

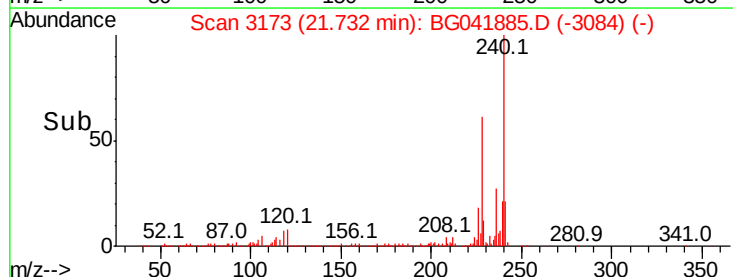
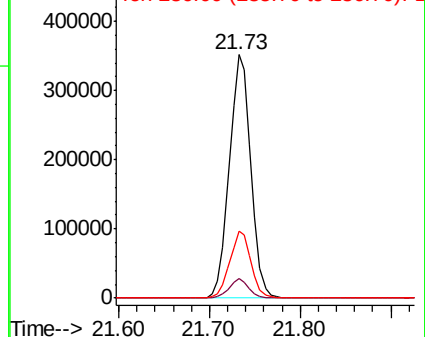
236 27.3 22.6 33.8

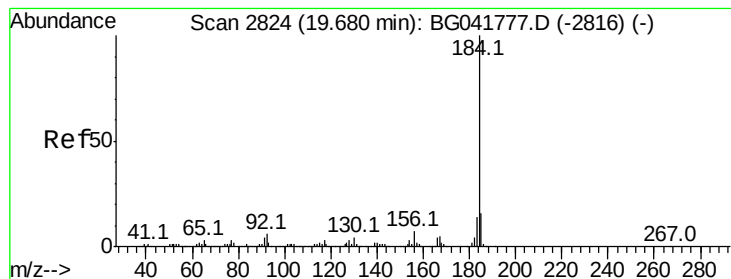


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.028 ng

RT: 19.68 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB121894BS

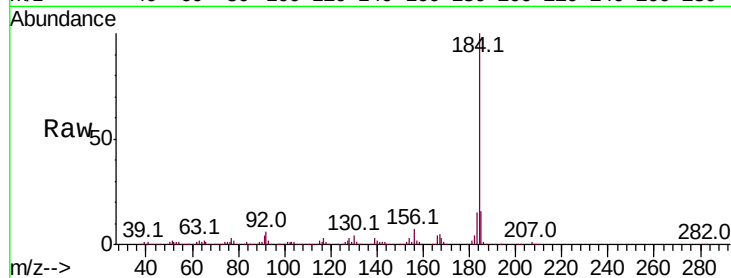
Tot Ion:184 Resp: 698251

Ion Ratio Lower Upper

184 100

185 15.9 13.0 19.4

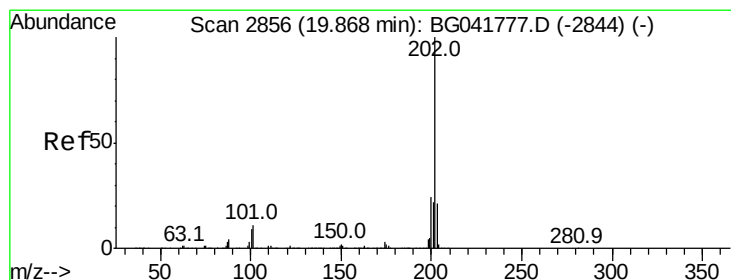
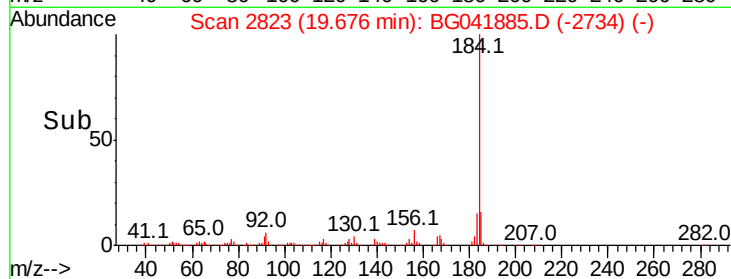
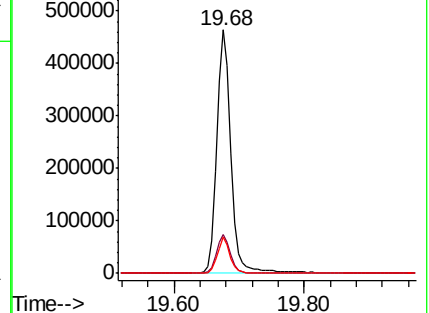
183 14.8 11.8 17.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.107 ng

RT: 19.86 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

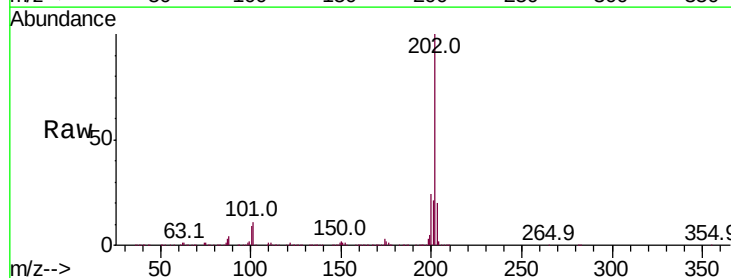
Tgt Ion:202 Resp: 1544010

Ion Ratio Lower Upper

202 100

200 24.0 22.2 33.2

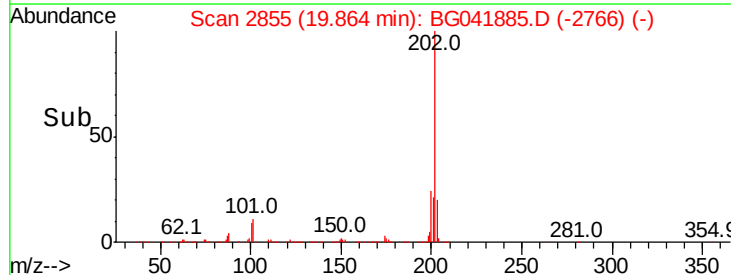
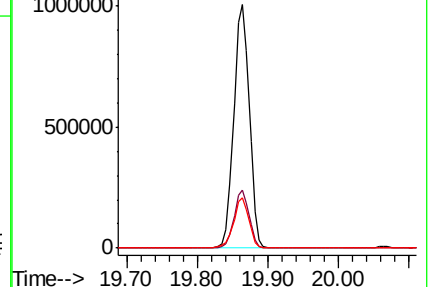
203 20.5 18.9 28.3

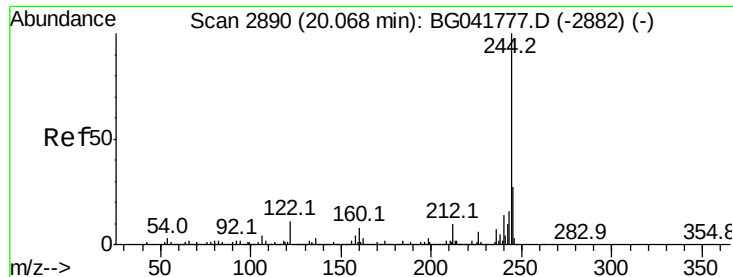


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.771 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB121894BS

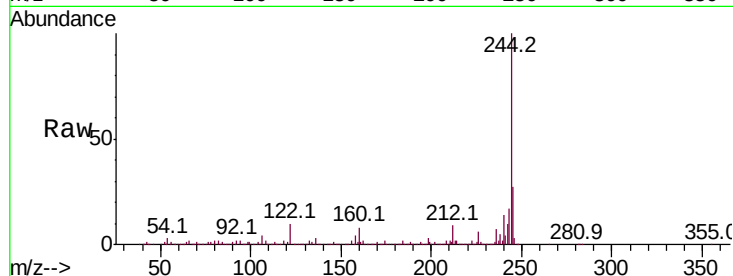
Tot Ion:244 Resp: 1988798

Ion Ratio Lower Upper

244 100

212 9.3 9.7 14.5#

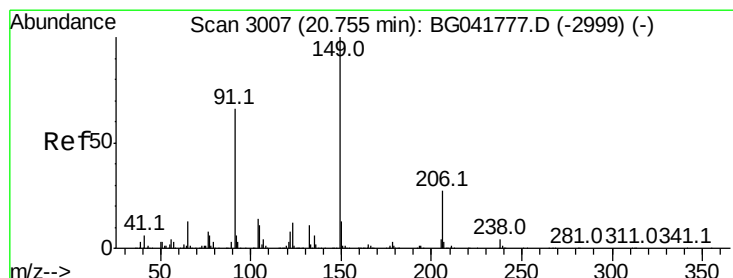
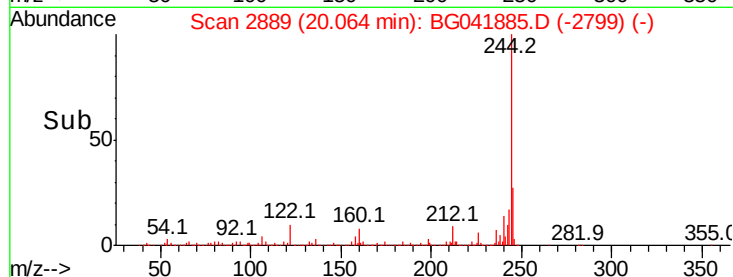
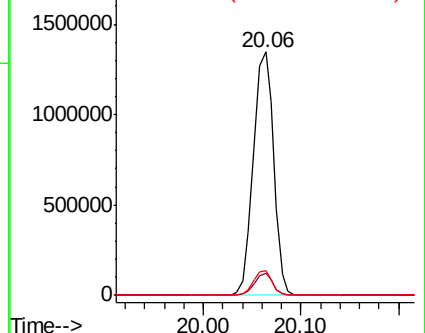
122 10.0 12.5 18.7#



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: 46.230 ng

RT: 20.75 min Scan# 3006

Delta R.T. -0.00 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

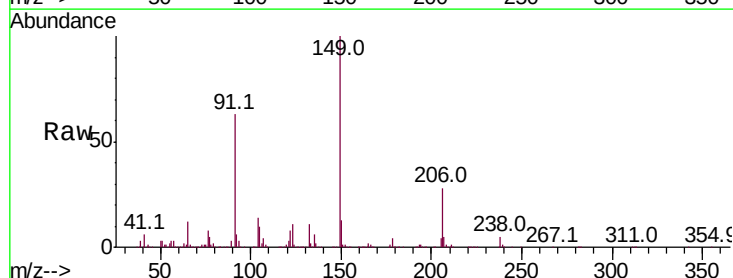
Tgt Ion:149 Resp: 606712

Ion Ratio Lower Upper

149 100

91 63.4 58.9 88.3

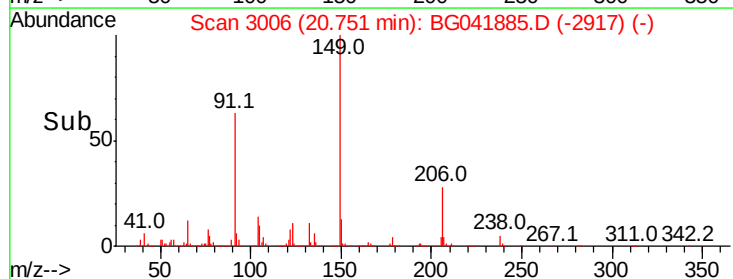
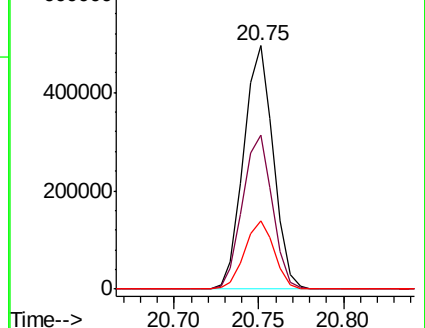
206 28.0 20.8 31.2

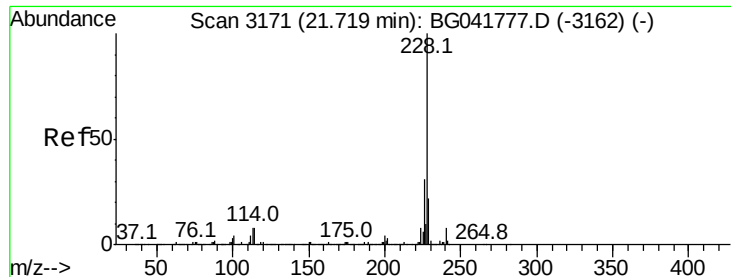


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

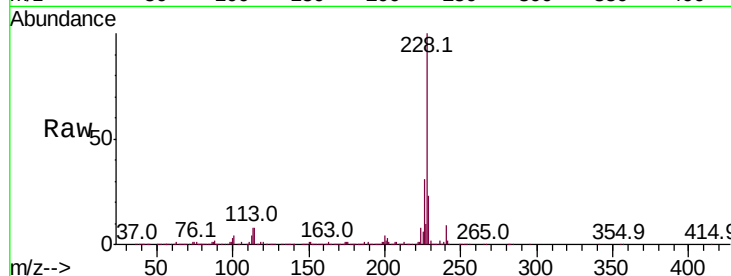




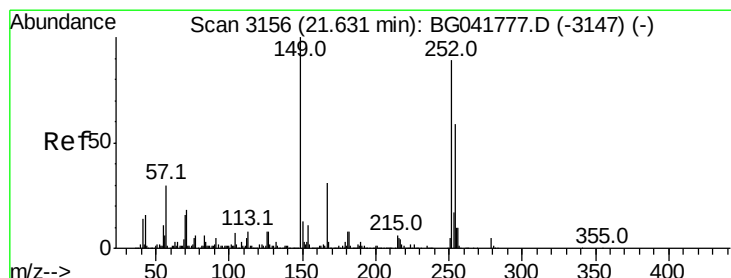
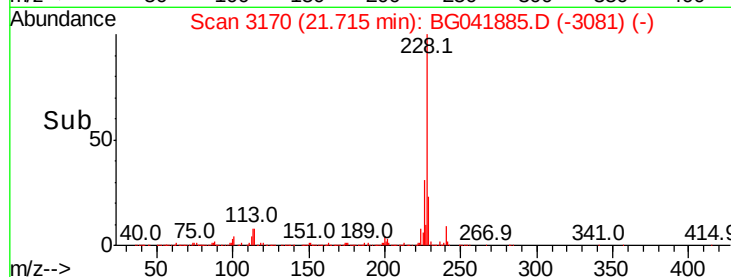
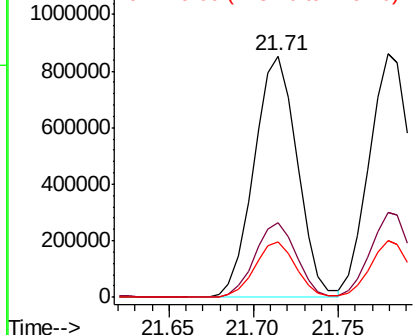
#81
Benzo(a)anthracene
Concen: 44.259 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.00 min
Lab File: BG041885.D
Acq: 2 Aug 2019 12:44

Instrument :
BNA_G
ClientSampleId :
PB121894BS

Tot Ion:228 Resp: 1512855
Ion Ratio Lower Upper
228 100
226 30.9 27.3 40.9
229 23.0 19.7 29.5

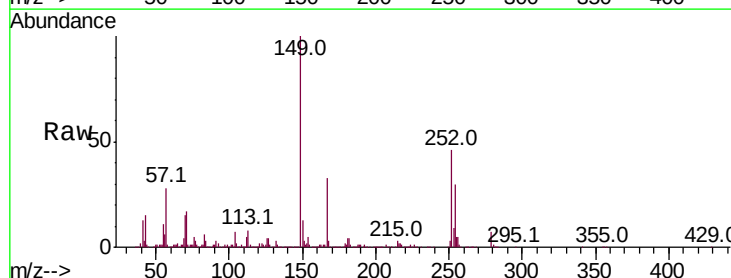


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

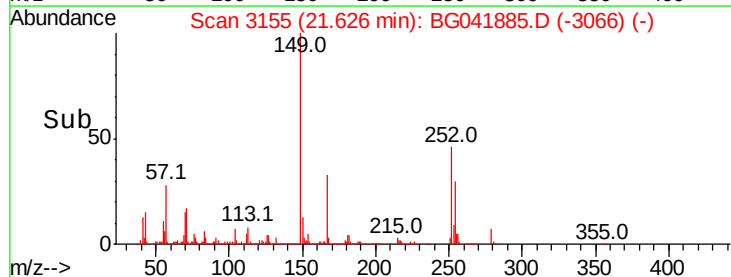
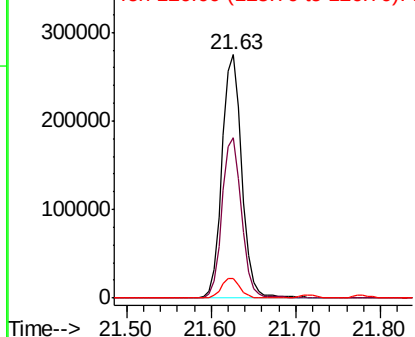


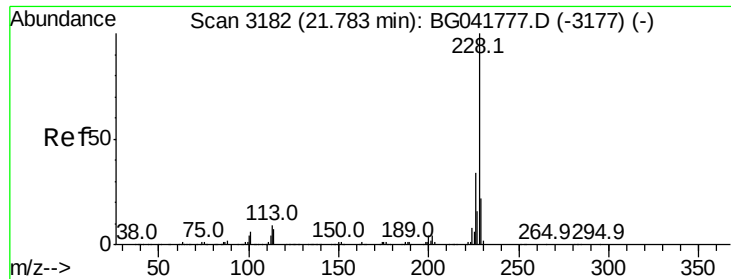
#82
3,3'-Dichlorobenzidine
Concen: 32.561 ng
RT: 21.63 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG041885.D
Acq: 2 Aug 2019 12:44

Tgt Ion:252 Resp: 446855
Ion Ratio Lower Upper
252 100
254 65.8 53.8 80.6
126 7.9 7.8 11.8



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

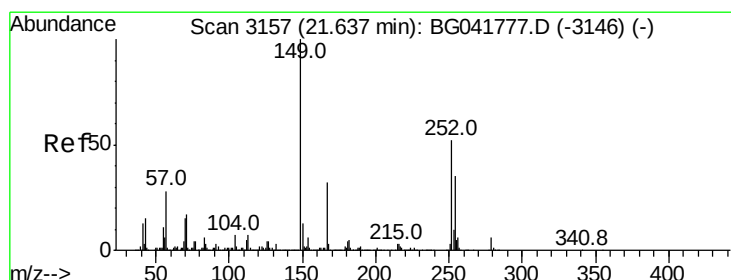
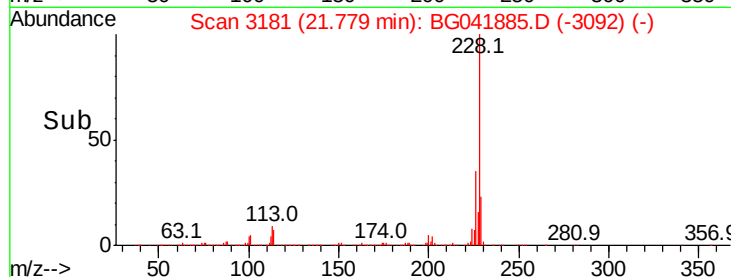
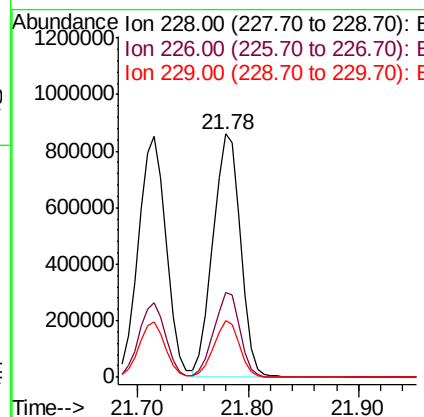
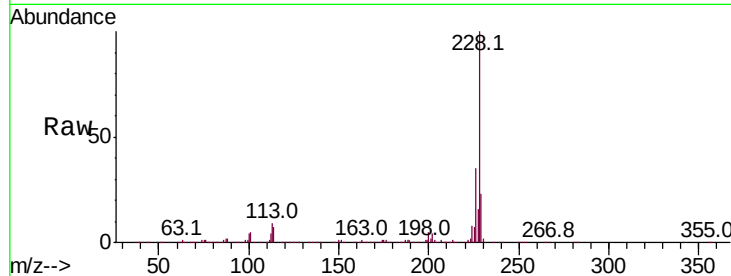




#83
 Chrysene
 Concen: 44.852 ng
 RT: 21.78 min Scan# 3181
 Delta R.T. -0.00 min
 Lab File: BG041885.D
 Acq: 2 Aug 2019 12:44

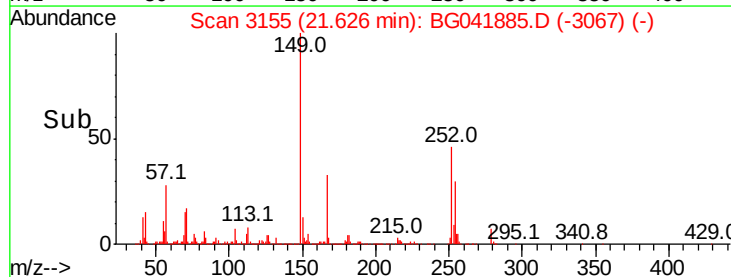
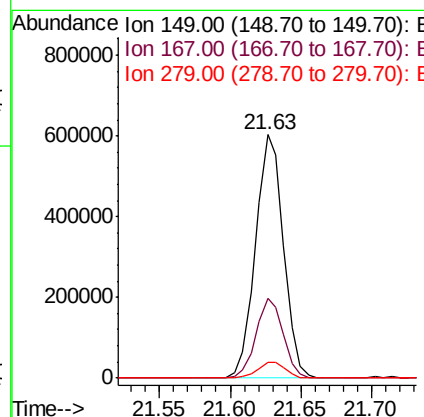
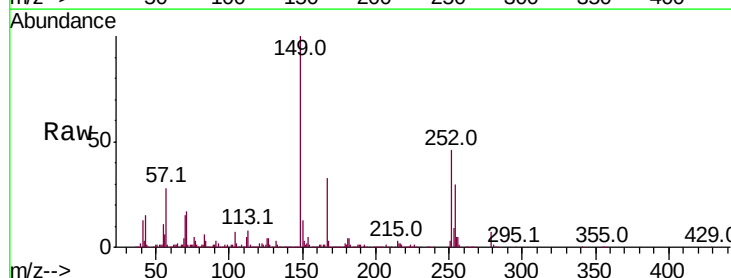
Instrument :
 BNA_G
 ClientSampleId :
 PB121894BS

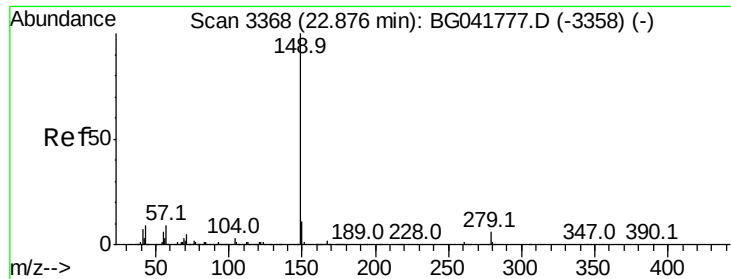
Tot Ion:228 Resp: 1469591
 Ion Ratio Lower Upper
 228 100
 226 34.7 30.1 45.1
 229 23.1 19.8 29.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.289 ng
 RT: 21.63 min Scan# 3155
 Delta R.T. -0.01 min
 Lab File: BG041885.D
 Acq: 2 Aug 2019 12:44

Tgt Ion:149 Resp: 837984
 Ion Ratio Lower Upper
 149 100
 167 33.0 27.0 40.4
 279 6.7 5.0 7.6





#85

Di-n-octyl phthalate

Concen: 47.604 ng

RT: 22.86 min Scan# 3365

Delta R.T. -0.02 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB121894BS

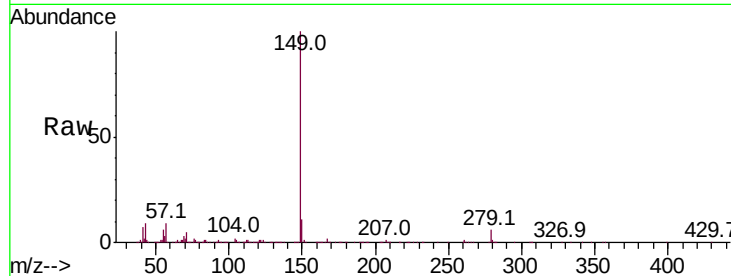
Tot Ion:149 Resp: 1450351

Ion Ratio Lower Upper

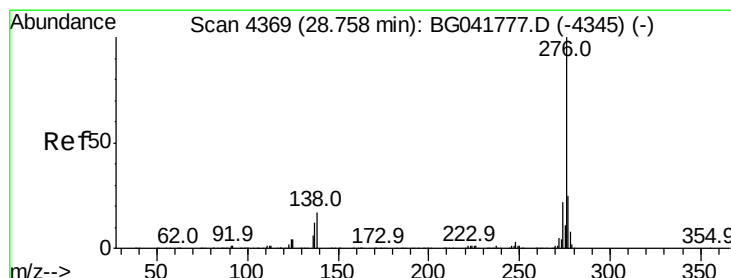
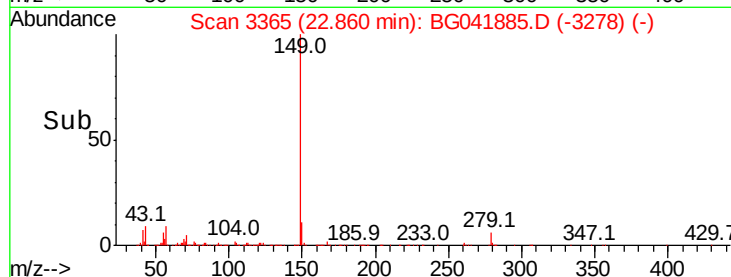
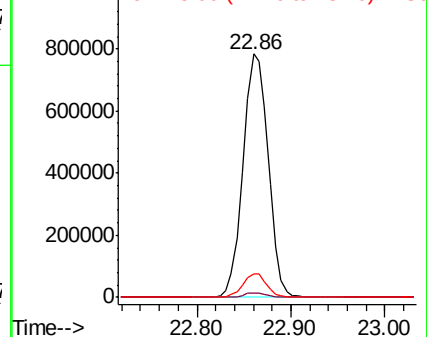
149 100

167 1.8 1.6 2.4

43 9.1 10.6 16.0#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.914 ng

RT: 28.74 min Scan# 4366

Delta R.T. -0.02 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

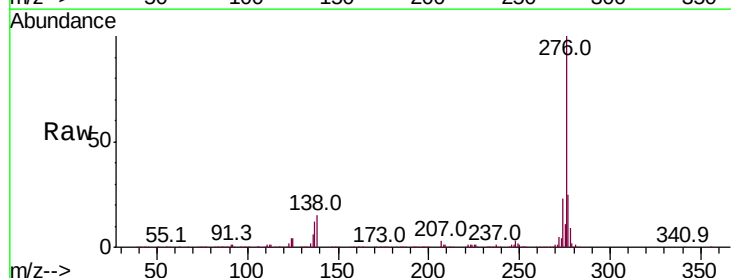
Tgt Ion:276 Resp: 1948107

Ion Ratio Lower Upper

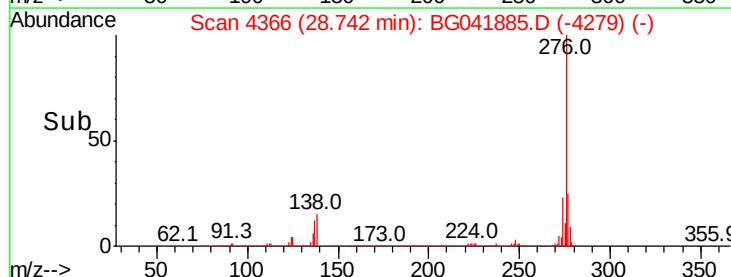
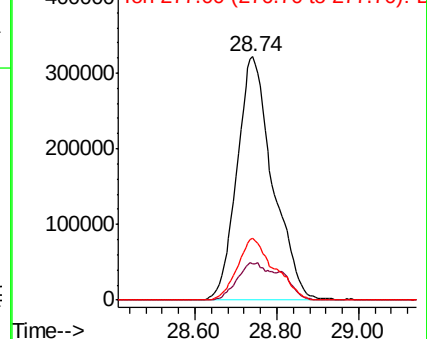
276 100

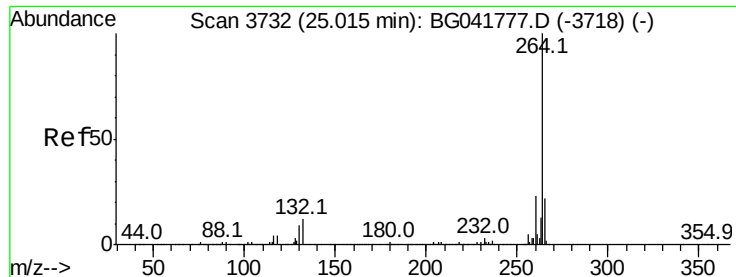
138 14.6 19.4 29.0#

277 26.3 21.2 31.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.00 min Scan# 3729

Delta R.T. -0.02 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

Instrument :

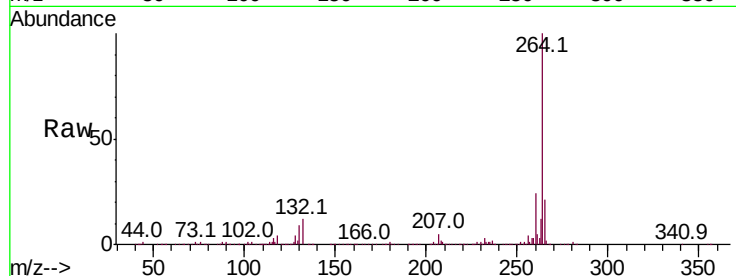
BNA_G

ClientSampleId :

PB121894BS

Tot Ion:264 Resp: 622457

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.1	18.0	27.0

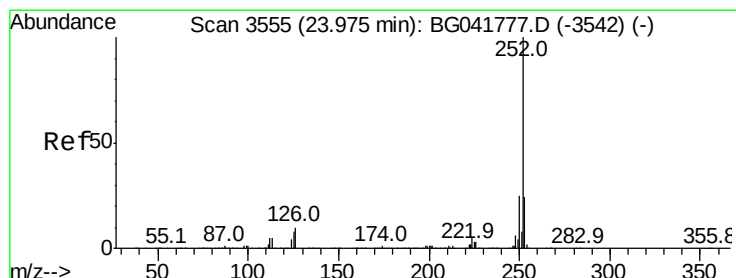
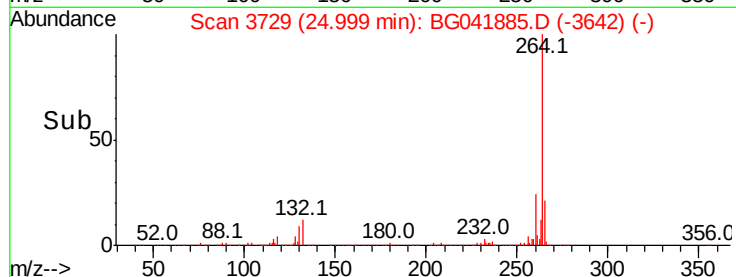
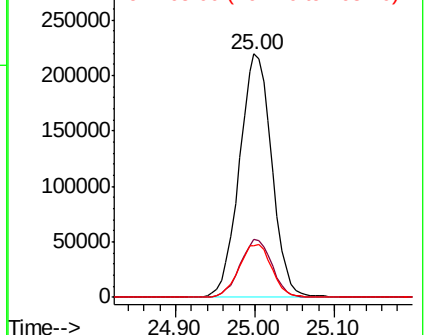


Abundance

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: 49.583 ng

RT: 23.96 min Scan# 3553

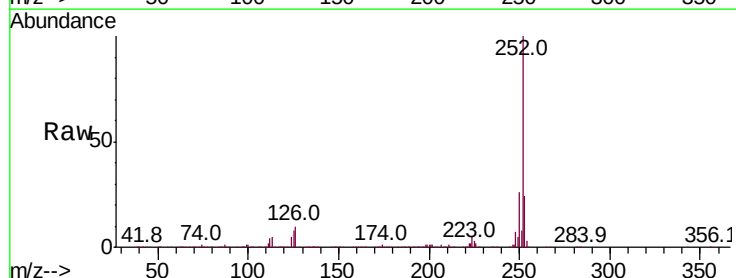
Delta R.T. -0.01 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

Tgt Ion:252 Resp: 1688367

Ion	Ratio	Lower	Upper
252	100		
253	24.4	20.6	30.8
125	8.0	8.0	12.0

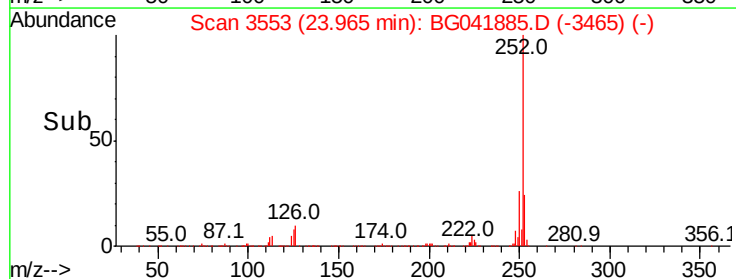
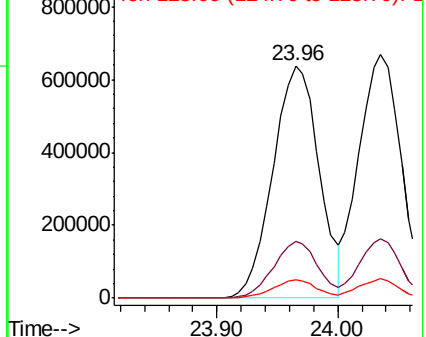


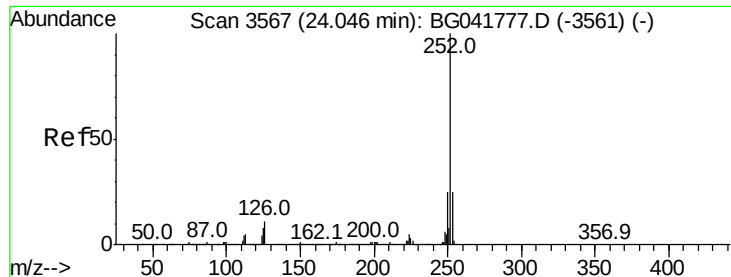
Abundance

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: 48.970 ng

RT: 24.04 min Scan# 3565

Delta R.T. -0.01 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB121894BS

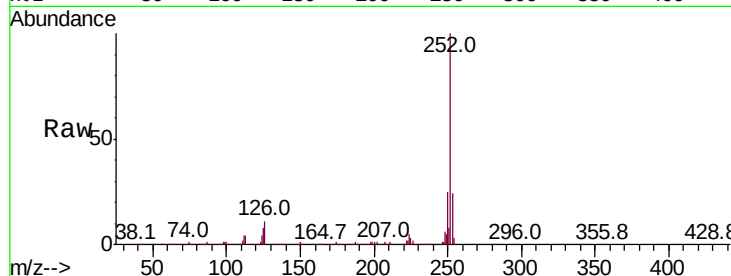
Tot Ion:252 Resp: 1624298

Ion Ratio Lower Upper

252 100

253 24.1 20.5 30.7

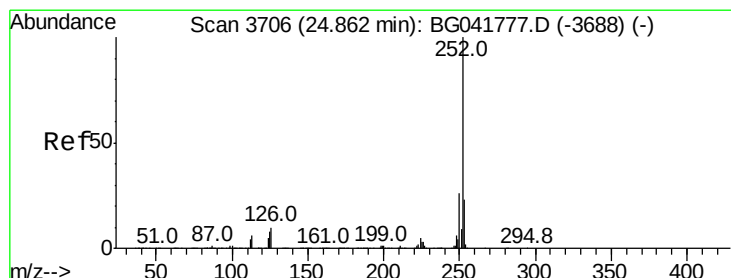
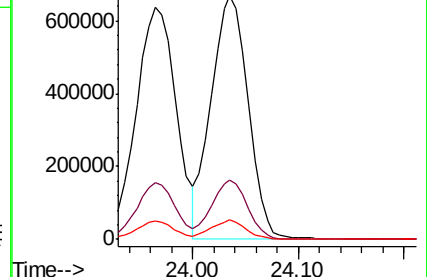
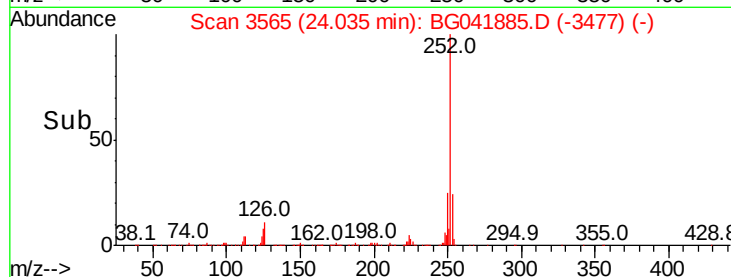
125 8.2 8.4 12.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 50.747 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.01 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

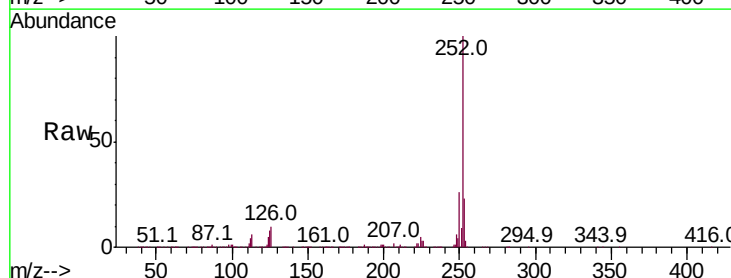
Tgt Ion:252 Resp: 1657267

Ion Ratio Lower Upper

252 100

253 23.0 19.8 29.8

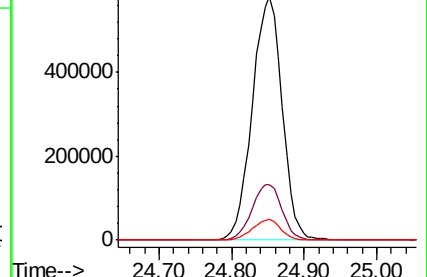
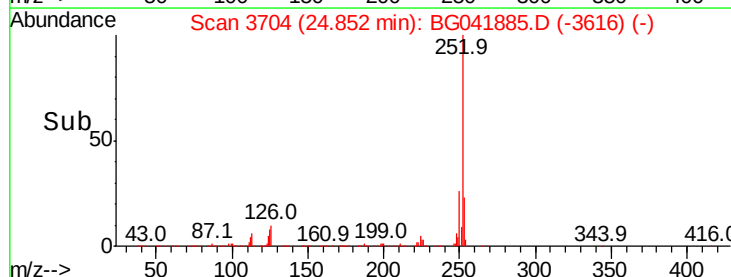
125 8.5 8.8 13.2#

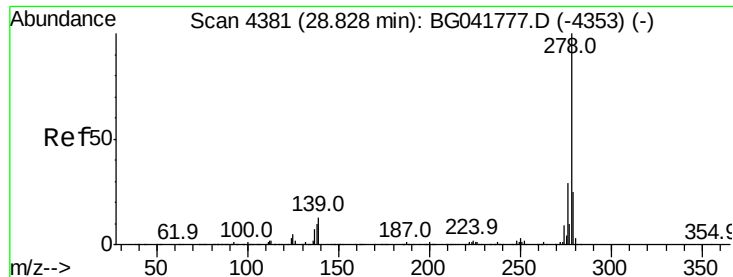


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 50.104 ng

RT: 28.81 min Scan# 4377

Delta R.T. -0.02 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

Instrument :

BNA_G

ClientSampleId :

PB121894BS

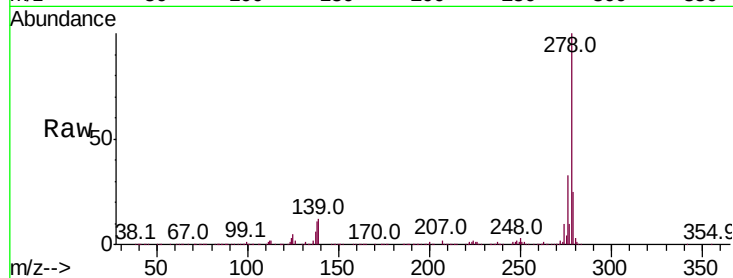
Tot Ion:278 Resp: 1606677

Ion Ratio Lower Upper

278 100

139 11.8 12.6 19.0#

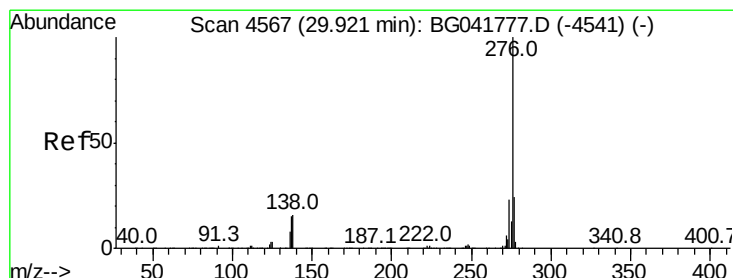
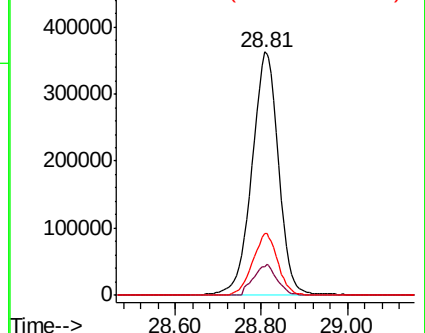
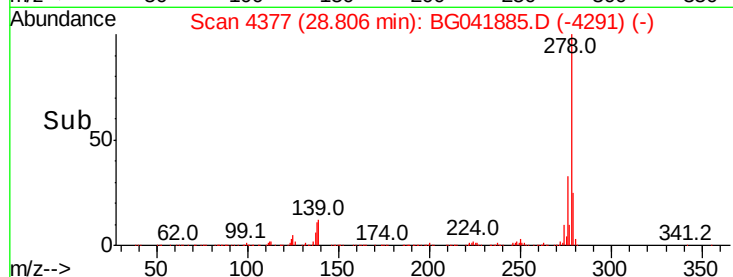
279 25.2 20.5 30.7



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: 50.324 ng

RT: 29.90 min Scan# 4563

Delta R.T. -0.02 min

Lab File: BG041885.D

Acq: 2 Aug 2019 12:44

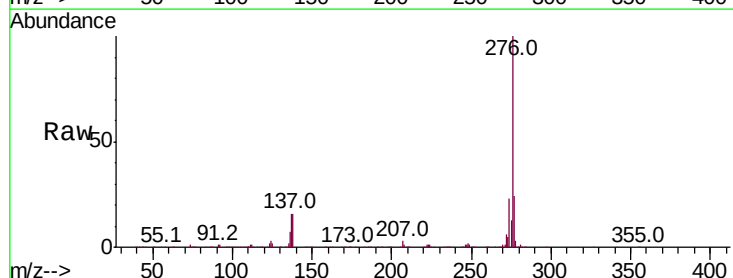
Tgt Ion:276 Resp: 1612233

Ion Ratio Lower Upper

276 100

277 24.0 19.8 29.8

138 16.4 16.6 25.0#



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

