

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
 Data File : BG042841.D
 Acq On : 16 Sep 2019 8:57
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 17 01:17:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	70951	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	311602	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	233312	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	601269	20.00	ng	0.00
76) Chrysene-d12	21.76	240	585010	20.00	ng	0.00
87) Perylene-d12	25.03	264	646149	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	315510	77.31	ng	0.00
7) Phenol-d6	7.26	99	488513	83.40	ng	0.00
23) Nitrobenzene-d5	9.27	82	482860	80.68	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	264813	85.31	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1132851	76.86	ng	0.00
79) Terphenyl-d14	20.09	244	2181916	82.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	69983	37.575	ng	93
3) Pyridine	3.99	79	223246	39.810	ng	99
4) n-Nitrosodimethylamine	3.89	42	96643	35.417	ng	93
6) Aniline	7.44	93	328344	41.546	ng	96
8) 2-Chlorophenol	7.68	128	182179	41.297	ng	97
9) Benzaldehyde	7.25	77	146692	38.483	ng	90
10) Phenol	7.29	94	247208	41.152	ng	98
11) bis(2-Chloroethyl)ether	7.54	93	185231	40.177	ng	97
12) 1,3-Dichlorobenzene	8.01	146	211219	39.256	ng	98
13) 1,4-Dichlorobenzene	8.16	146	212850	39.513	ng	99
14) 1,2-Dichlorobenzene	8.48	146	202753	39.540	ng	98
15) Benzyl Alcohol	8.35	79	211512	42.075	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.65	45	378692	37.404	ng	97
17) 2-Methylphenol	8.55	107	169808	42.252	ng	95
18) Hexachloroethane	9.21	117	76522	38.477	ng	90
19) n-Nitroso-di-n-propylamine	8.92	70	186874	43.295	ng	94
20) 3+4-Methylphenols	8.87	107	236479	42.686	ng	97
22) Acetophenone	8.94	105	311094	39.531	ng	# 96
24) Nitrobenzene	9.32	77	246236	39.195	ng	99
25) Isophorone	9.84	82	504399	40.431	ng	99
26) 2-Nitrophenol	10.03	139	103159	41.759	ng	93
27) 2,4-Dimethylphenol	10.08	122	177158	40.541	ng	98
28) bis(2-Chloroethoxy)methane	10.33	93	278487	40.028	ng	96
29) 2,4-Dichlorophenol	10.57	162	200079	39.400	ng	98
30) 1,2,4-Trichlorobenzene	10.79	180	236323	38.117	ng	94
31) Naphthalene	10.98	128	620282	40.318	ng	99
32) Benzoic acid	10.20	122	140319	40.732	ng	97
33) 4-Chloroaniline	11.07	127	301012	41.860	ng	99
34) Hexachlorobutadiene	11.27	225	160993	37.062	ng	94
35) Caprolactam	11.84	113	92175	48.812	ng	# 82
36) 4-Chloro-3-methylphenol	12.18	107	236282	42.854	ng	95
37) 2-Methylnaphthalene	12.58	142	475229	41.236	ng	95
38) 1-Methylnaphthalene	12.79	142	446285	41.288	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	289769	37.585	ng	99

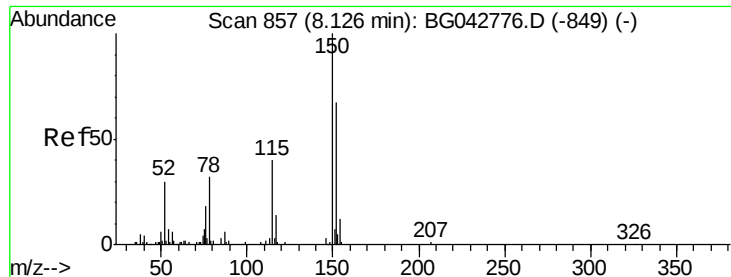
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
 Data File : BG042841.D
 Acq On : 16 Sep 2019 8:57
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 17 01:17:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	165491	37.470	nq	96
43) 2,4,6-Trichlorophenol	13.17	196	203594	39.666	nq	95
44) 2,4,5-Trichlorophenol	13.24	196	212492	40.418	nq	98
46) 1,1'-Biphenyl	13.57	154	640518	39.216	nq	99
47) 2-Chloronaphthalene	13.62	162	522101	38.642	nq	96
48) 2-Nitroaniline	13.80	65	200806	42.843	nq	94
49) Acenaphthylene	14.46	152	838755	40.622	nq	98
50) Dimethylphthalate	14.19	163	734155	42.005	nq	99
51) 2,6-Dinitrotoluene	14.30	165	152382	42.490	nq	94
52) Acenaphthene	14.80	154	548598	40.670	nq	99
53) 3-Nitroaniline	14.63	138	176177	43.771	nq	98
54) 2,4-Dinitrophenol	14.83	184	80407	45.544	nq	# 73
55) Dibenzofuran	15.13	168	819521	40.874	nq	98
56) 4-Nitrophenol	14.92	139	142682	45.848	nq	92
57) 2,4-Dinitrotoluene	15.09	165	225826	47.241	nq	96
58) Fluorene	15.78	166	692088	41.650	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	213750	41.941	nq	98
60) Diethylphthalate	15.55	149	752613	42.421	nq	99
61) 4-Chlorophenyl-phenylether	15.77	204	398316	40.542	nq	97
62) 4-Nitroaniline	15.79	138	204606	47.160	nq	92
63) Azobenzene	16.07	77	704119	41.214	nq	99
65) 4,6-Dinitro-2-methylphenol	15.85	198	112868	43.871	nq	99
66) n-Nitrosodiphenylamine	15.98	169	638325	39.452	nq	98
67) 4-Bromophenyl-phenylether	16.67	248	278004	38.200	nq	98
68) Hexachlorobenzene	16.79	284	302269	38.870	nq	99
69) Atrazine	16.93	200	199642	35.433	nq	97
70) Pentachlorophenol	17.13	266	184880	40.077	nq	95
71) Phenanthrene	17.52	178	1164361	40.493	nq	99
72) Anthracene	17.61	178	1169067	40.695	nq	99
73) Carbazole	17.88	167	1130506	41.404	nq	99
74) Di-n-butylphthalate	18.44	149	1333940	40.783	nq	100
75) Fluoranthene	19.53	202	1525702	40.940	nq	98
77) Benzidine	19.70	184	648644	39.686	nq	99
78) Pyrene	19.89	202	1522062	41.557	nq	99
80) Butylbenzylphthalate	20.77	149	610118	41.161	nq	100
81) Benzo(a)anthracene	21.74	228	1503414	40.419	nq	98
82) 3,3'-Dichlorobenzidine	21.65	252	565155	39.098	nq	98
83) Chrysene	21.81	228	1429867	40.583	nq	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	821978	40.585	nq	99
85) Di-n-octyl phthalate	22.89	149	1384504	40.099	nq	99
86) Indeno(1,2,3-cd)pyrene	28.77	276	1710239	39.197	nq	# 93
88) Benzo(b)fluoranthene	23.99	252	1511245	39.832	nq	98
89) Benzo(k)fluoranthene	24.06	252	1464129	40.853	nq	98
90) Benzo(a)pyrene	24.88	252	1425858	40.136	nq	97
91) Dibenzo(a,h)anthracene	28.85	278	1406737	40.260	nq	99
92) Benzo(g,h,i)perylene	29.94	276	1362361	39.973	nq	97

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

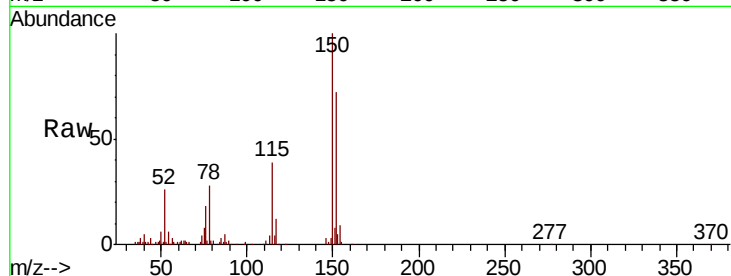


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 857
Delta R.T. -0.00 min
Lab File: BG042841.D
Acq: 16 Sep 2019 8:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.8	118.9	178.3
115	55.1	47.4	71.2

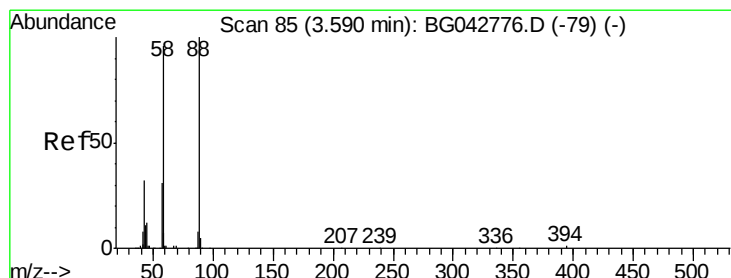
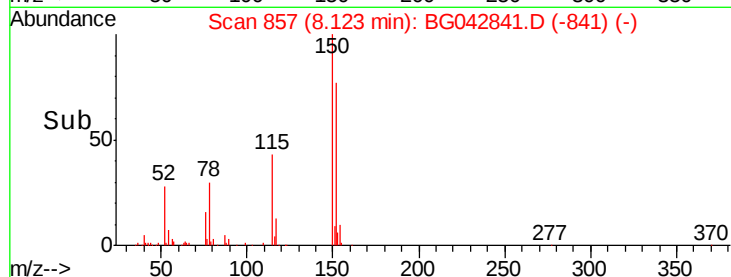
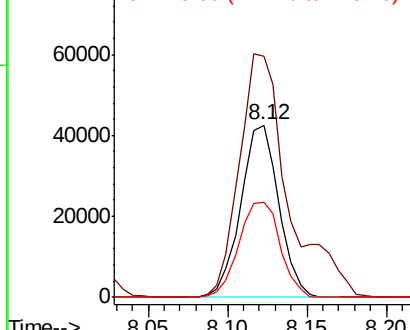


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

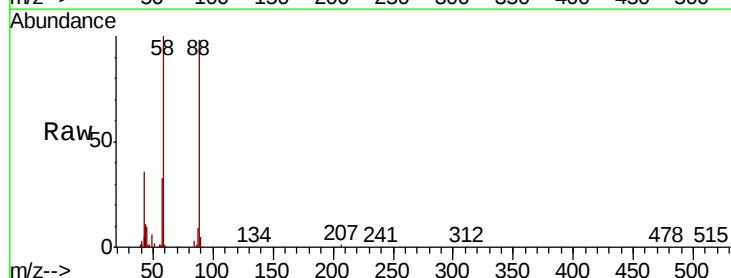
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.575 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.00 min
Lab File: BG042841.D
Acq: 16 Sep 2019 8:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.2	79.1	118.7
43	36.7	30.4	45.6

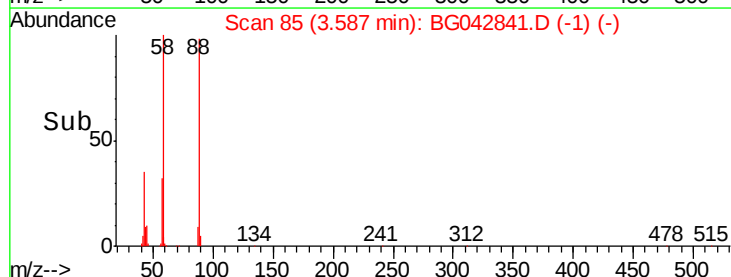
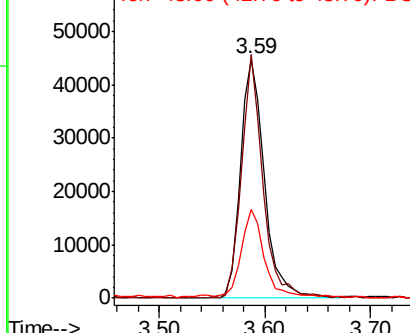


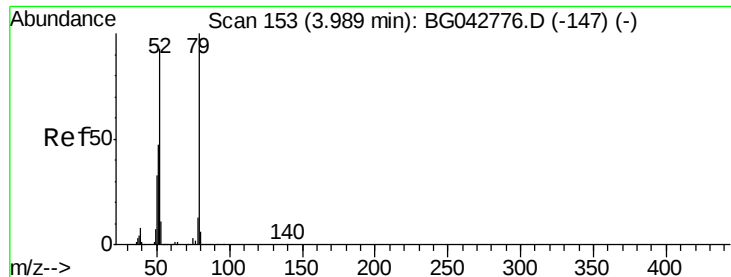
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 39.810 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.00 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

Instrument :

BNA_G

ClientSampleId :

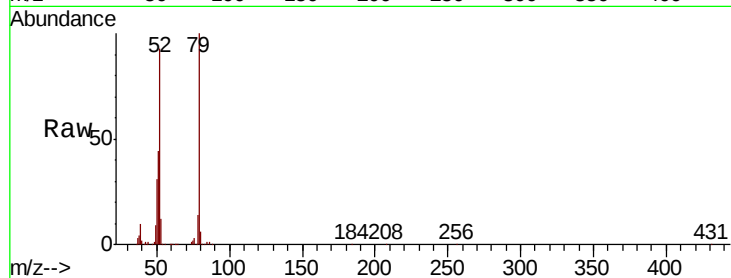
Tot Ion: 79 Resp: 223246

Ion Ratio Lower Upper

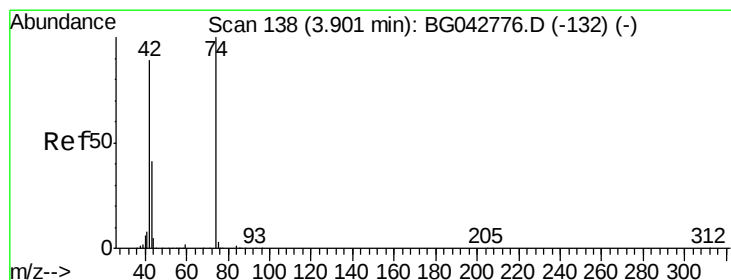
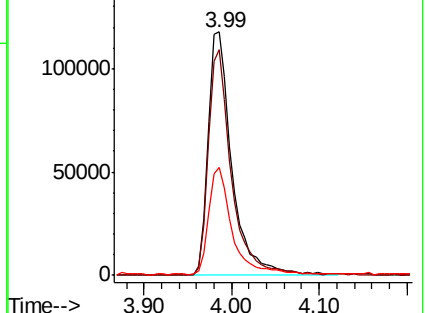
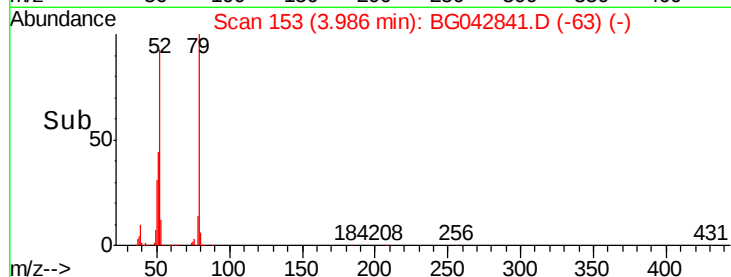
79 100

52 92.9 74.0 111.0

51 44.4 37.5 56.3



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: 35.417 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

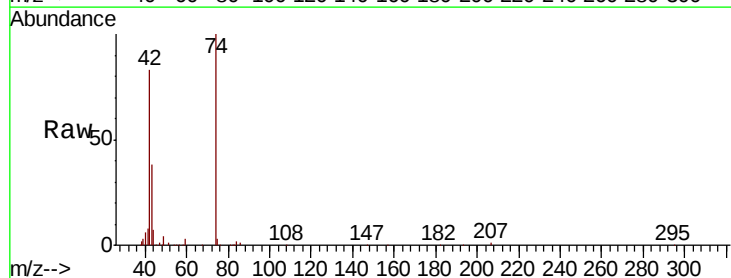
Tgt Ion: 42 Resp: 96643

Ion Ratio Lower Upper

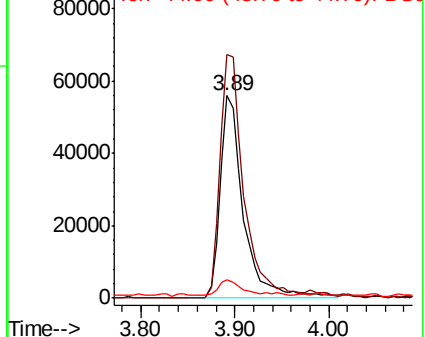
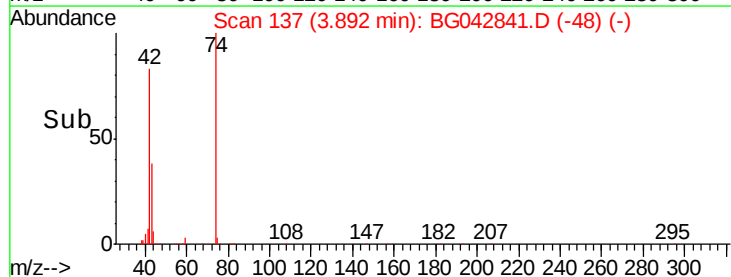
42 100

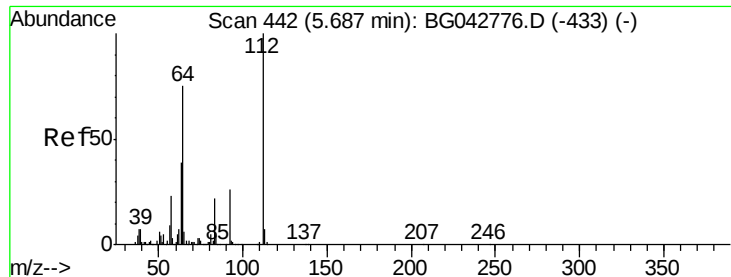
74 120.2 90.2 135.2

44 8.9 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: 77.311 ng

RT: 5.68 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

Instrument :

BNA_G

ClientSampleId :

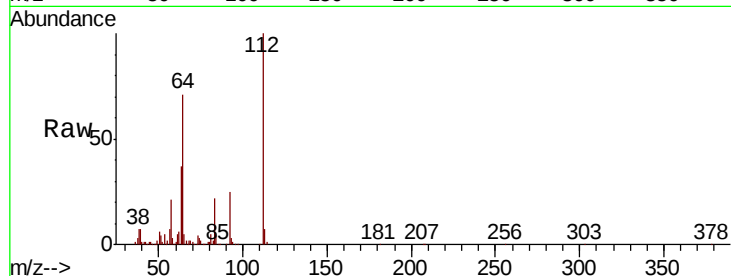
Tot Ion:112 Resp: 315510

Ion Ratio Lower Upper

112 100

64 70.6 60.2 90.2

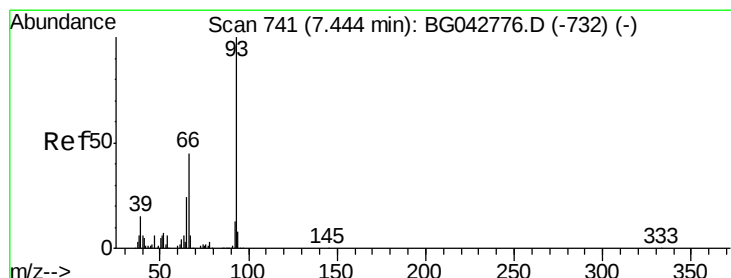
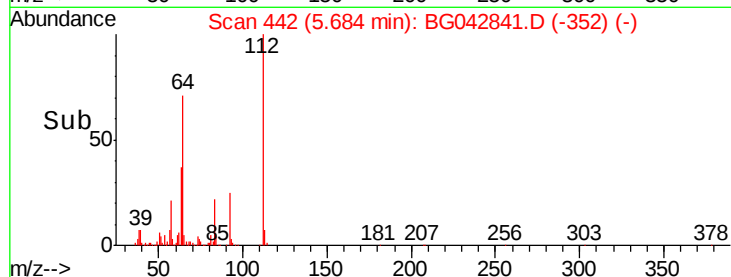
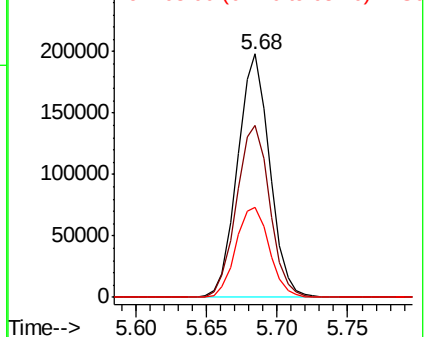
63 37.1 31.2 46.8



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: 41.546 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

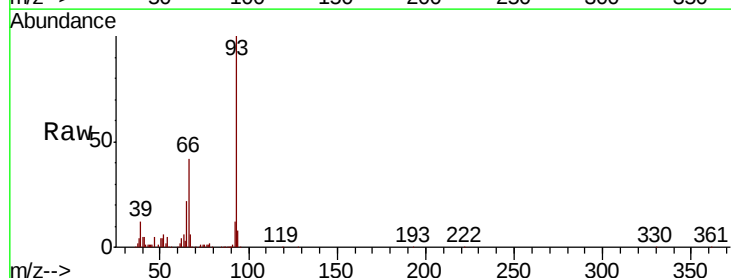
Tgt Ion: 93 Resp: 328344

Ion Ratio Lower Upper

93 100

66 42.5 36.3 54.5

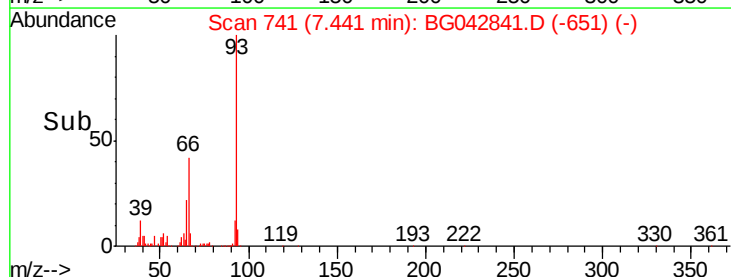
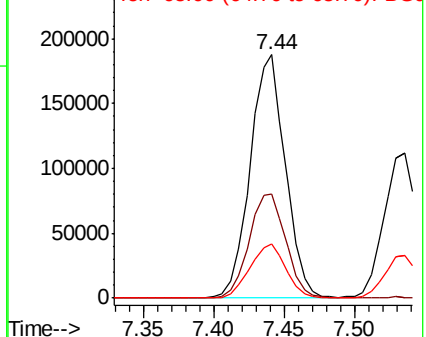
65 22.1 19.3 28.9

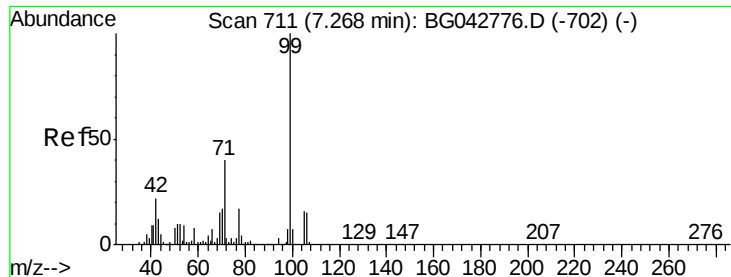


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 83.397 ng

RT: 7.26 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

Instrument :

BNA_G

ClientSampleId :

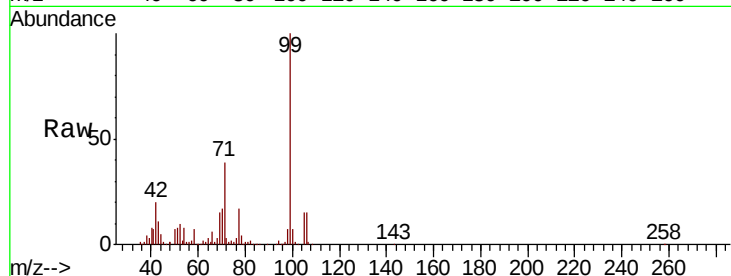
Tot Ion: 99 Resp: 488513

Ion Ratio Lower Upper

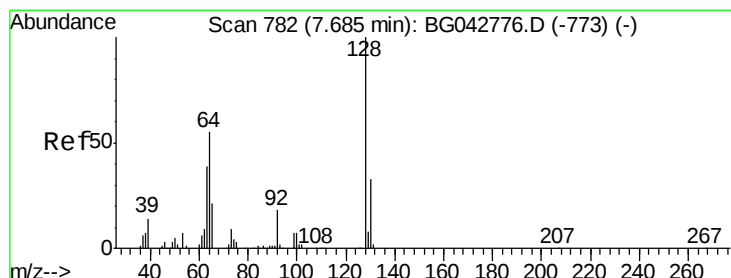
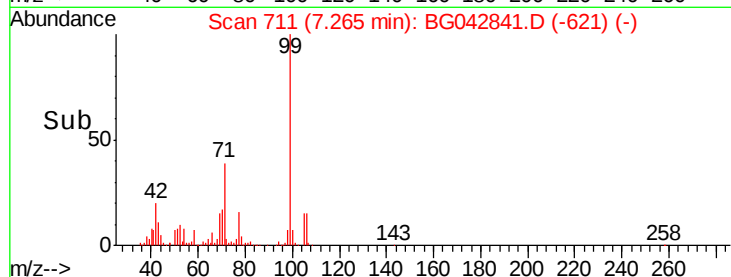
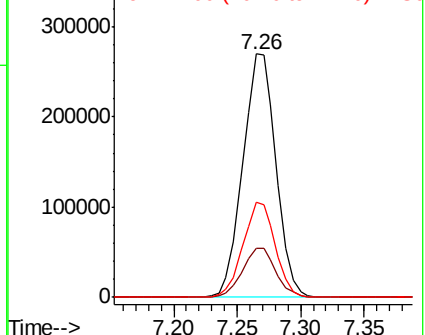
99 100

42 20.3 17.5 26.3

71 39.0 32.0 48.0



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: 41.297 ng

RT: 7.68 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

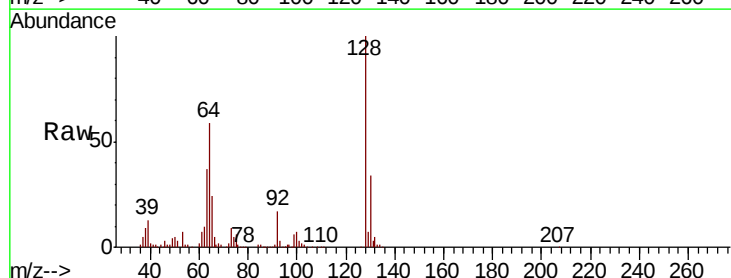
Tgt Ion: 128 Resp: 182179

Ion Ratio Lower Upper

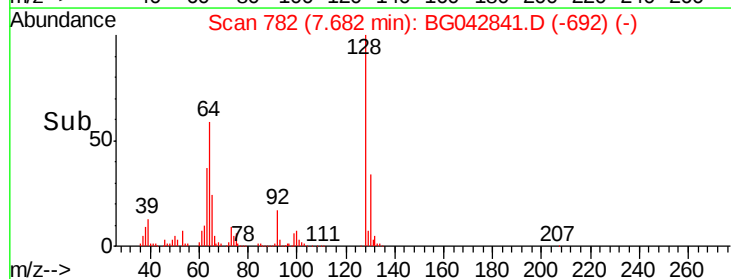
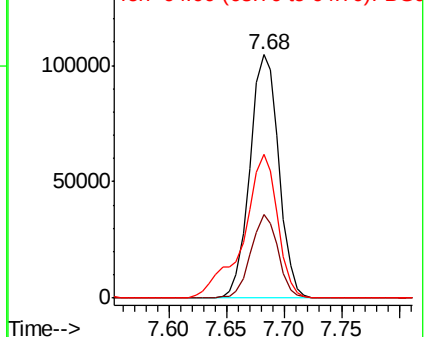
128 100

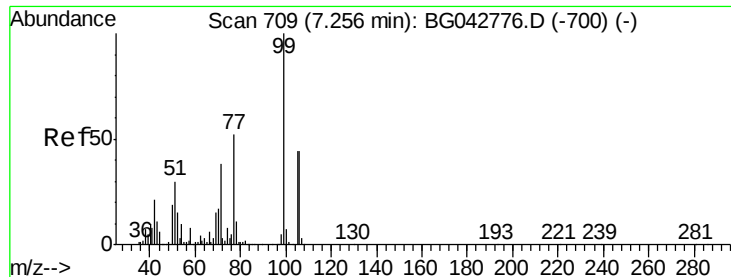
130 34.3 12.8 52.8

64 59.1 36.8 76.8



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





#9

Benzaldehyde

Concen: 38.483 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.00 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

Instrument :

BNA_G

ClientSampleId :

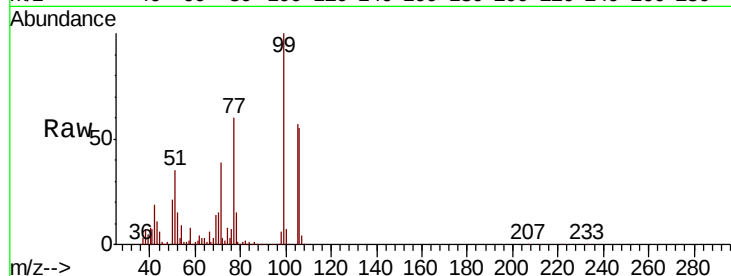
Tot Ion: 77 Resp: 146692

Ion Ratio Lower Upper

77 100

105 94.5 64.5 104.5

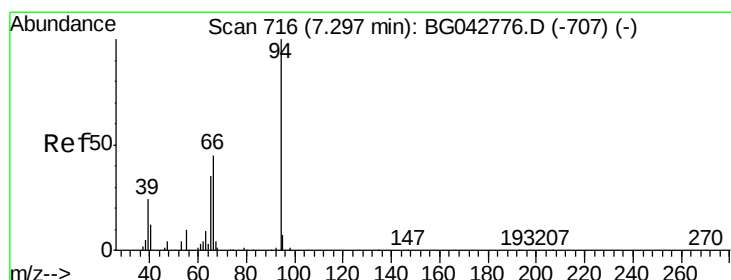
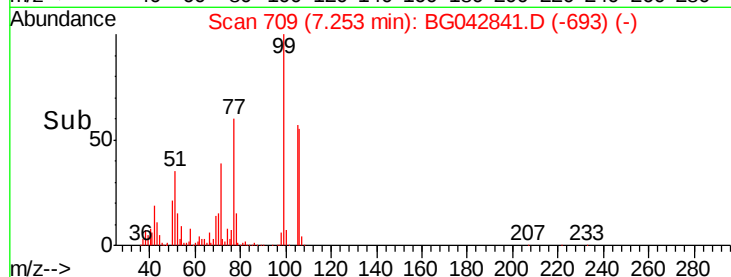
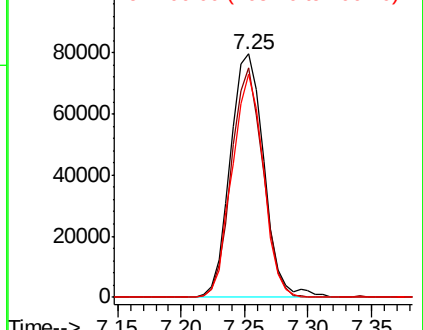
106 91.8 63.4 103.4



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: 41.152 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

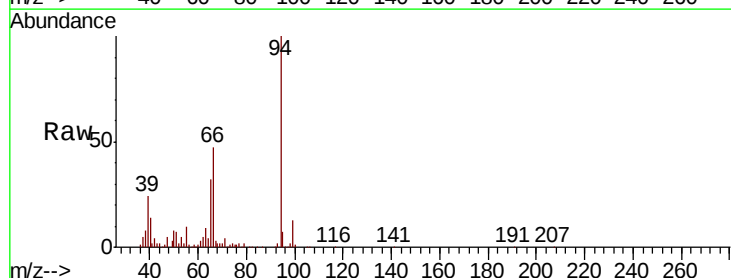
Tgt Ion: 94 Resp: 247208

Ion Ratio Lower Upper

94 100

65 32.5 15.0 55.0

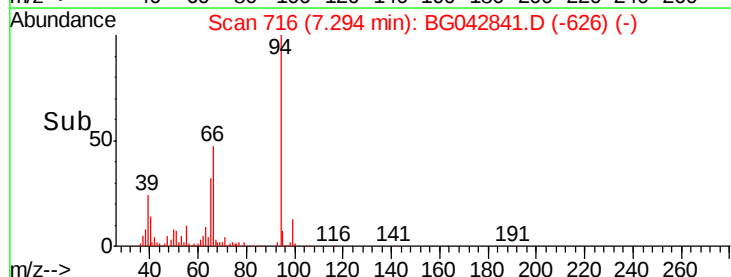
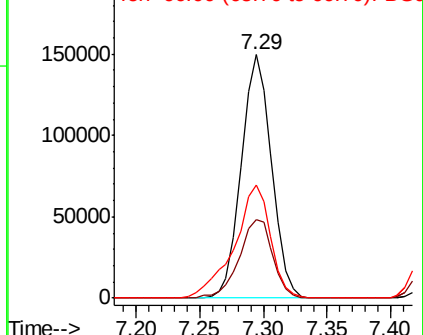
66 46.6 26.1 66.1

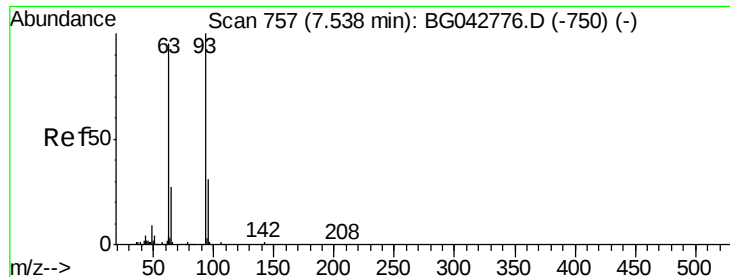


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

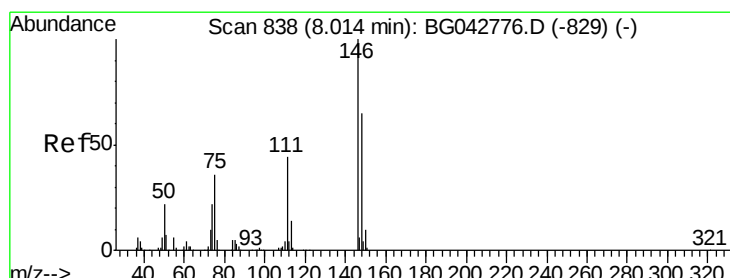
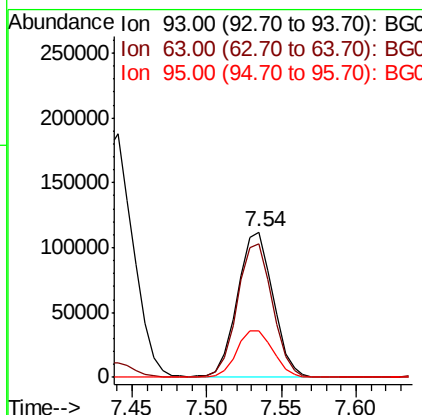
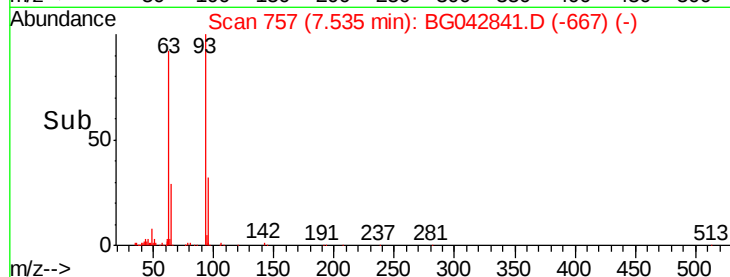
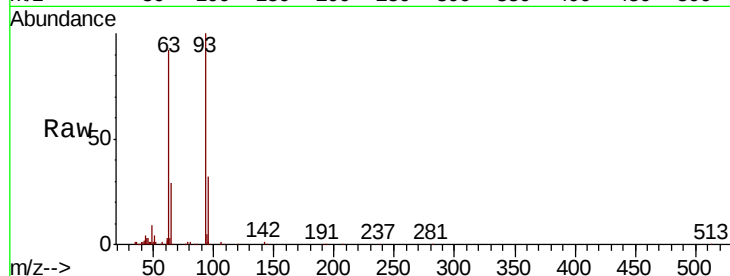




#11
 bis(2-Chloroethyl)ether
 Concen: 40.177 ng
 RT: 7.54 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BG042841.D
 Acq: 16 Sep 2019 8:57

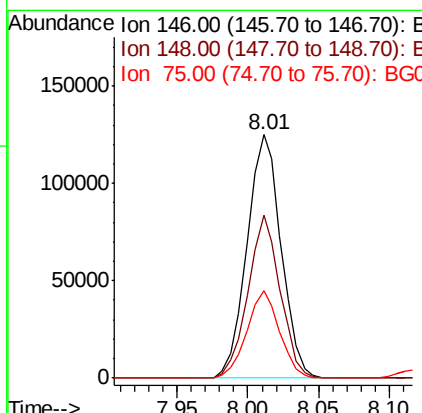
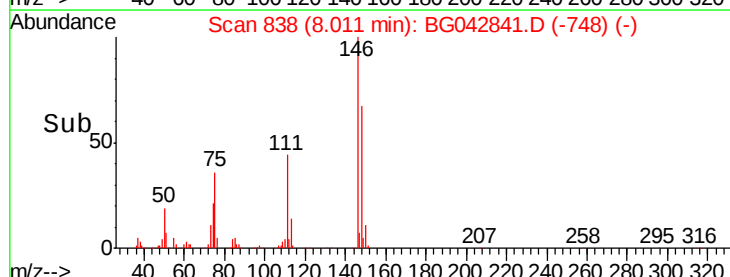
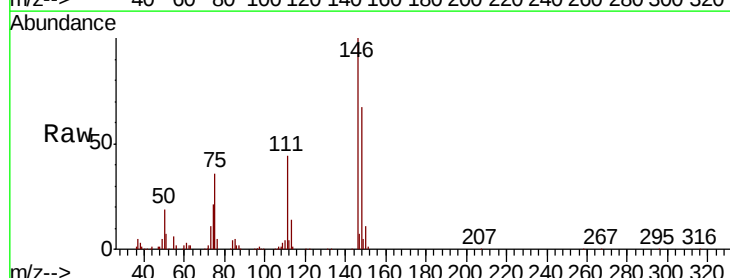
Instrument :
 BNA_G
 ClientSampleId :

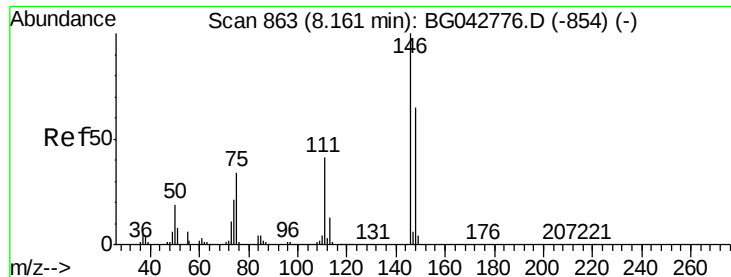
Tot Ion	Ratio	Lower	Upper
93	100		
63	92.0	74.7	114.7
95	32.2	11.1	51.1



#12
 1,3-Dichlorobenzene
 Concen: 39.256 ng
 RT: 8.01 min Scan# 838
 Delta R.T. -0.00 min
 Lab File: BG042841.D
 Acq: 16 Sep 2019 8:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.9	51.9	77.9
75	36.0	28.4	42.6

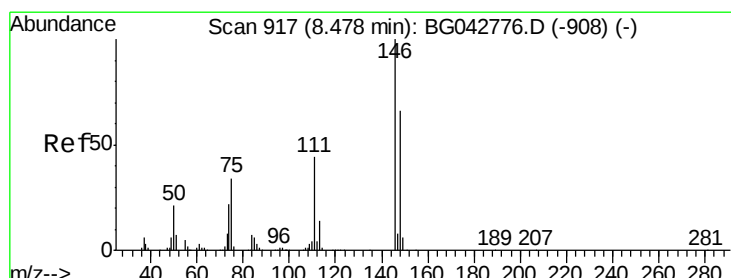
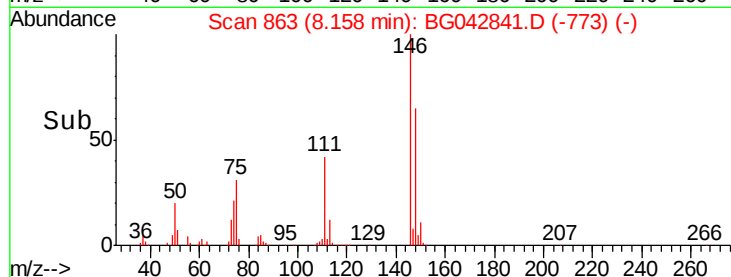
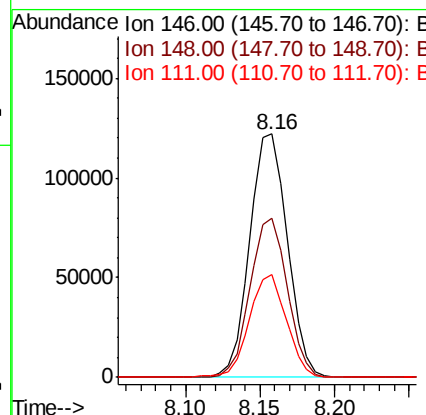
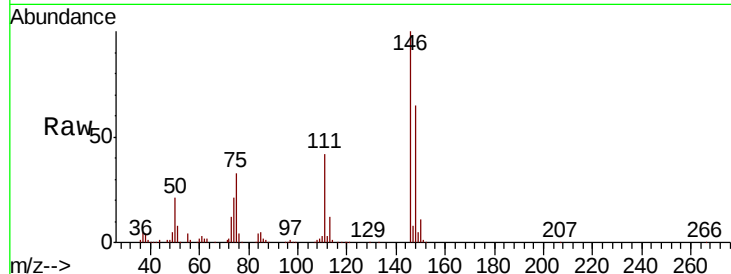




#13
 1,4-Dichlorobenzene
 Concen: 39.513 ng
 RT: 8.16 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: BG042841.D
 Acq: 16 Sep 2019 8:57

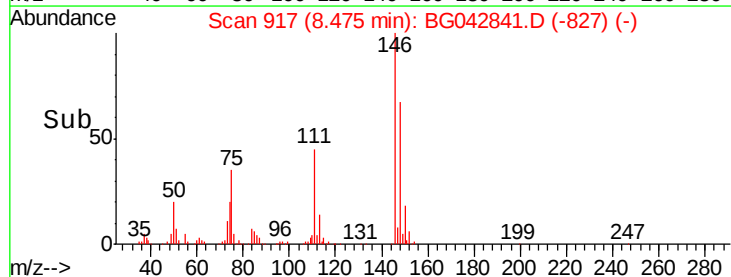
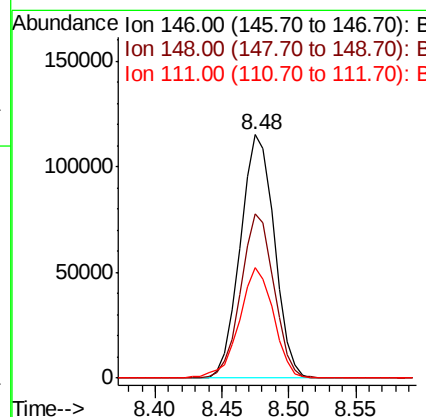
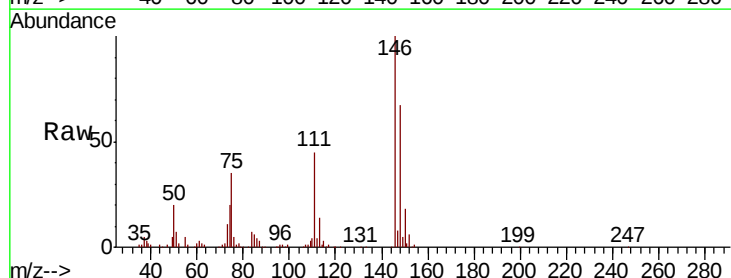
Instrument :
 BNA_G
 ClientSampleId :

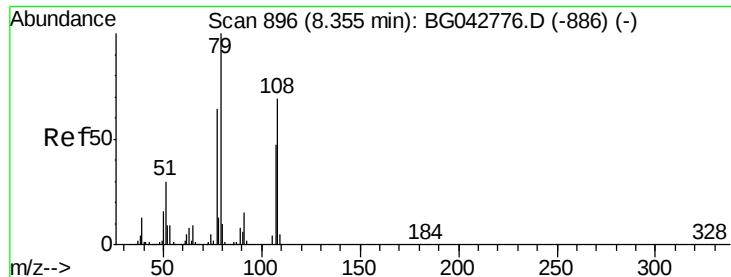
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.2	78.4
111	42.2	32.6	49.0



#14
 1,2-Dichlorobenzene
 Concen: 39.540 ng
 RT: 8.48 min Scan# 917
 Delta R.T. -0.00 min
 Lab File: BG042841.D
 Acq: 16 Sep 2019 8:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.4	52.6	78.8
111	45.4	35.3	52.9





#15

Benzyl Alcohol

Concen: 42.075 ng

RT: 8.35 min Scan# 896

Delta R.T. -0.00 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

Instrument :

BNA_G

ClientSampleId :

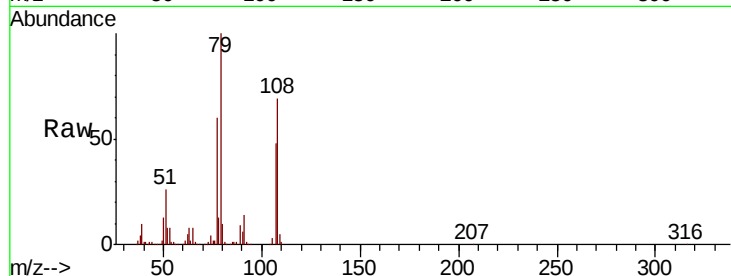
Tot Ion: 79 Resp: 211512

Ion Ratio Lower Upper

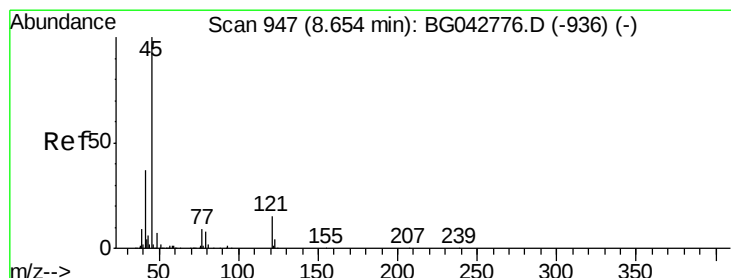
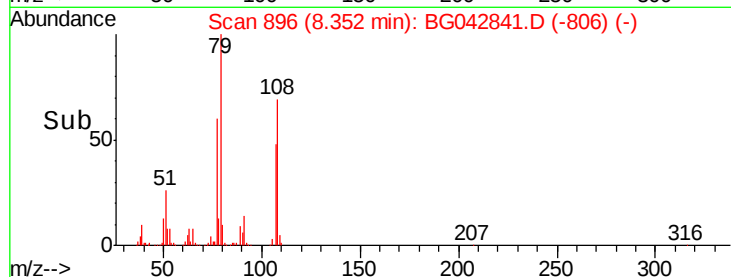
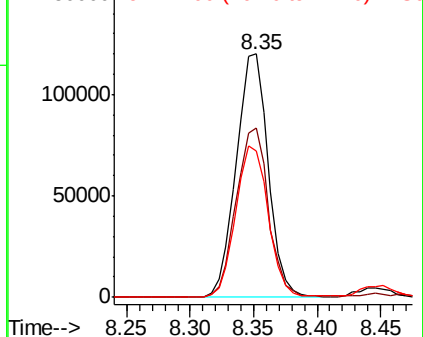
79 100

108 69.5 54.9 82.3

77 59.9 51.0 76.6



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.404 ng

RT: 8.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

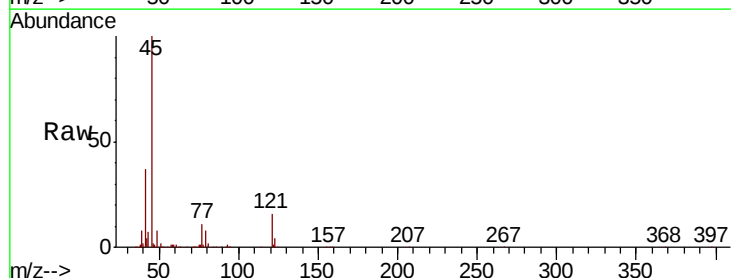
Tgt Ion: 45 Resp: 378692

Ion Ratio Lower Upper

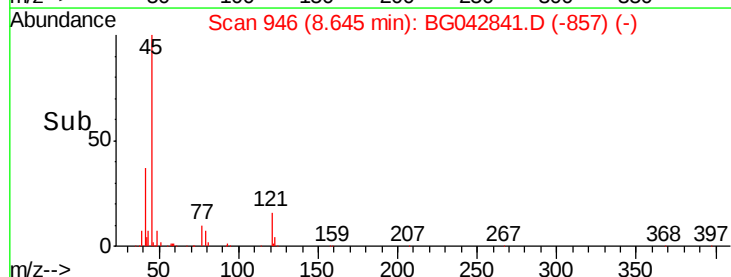
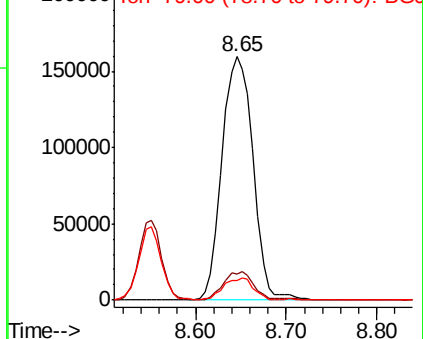
45 100

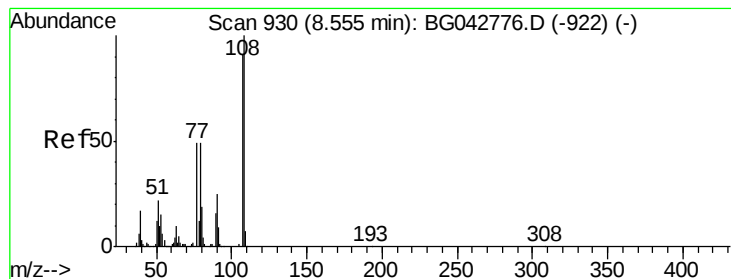
77 10.9 0.0 29.4

79 8.1 0.0 28.4



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

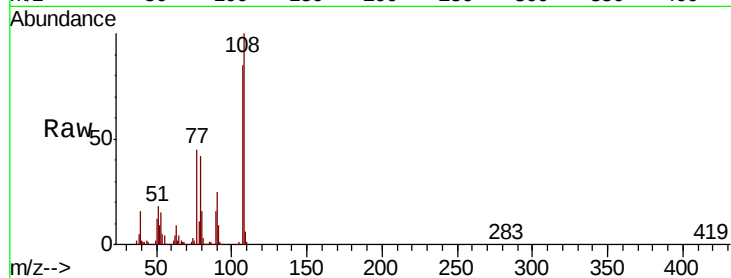




#17
2-Methylphenol
Concen: 42.252 ng
RT: 8.55 min Scan# 930
Delta R.T. -0.00 min
Lab File: BG042841.D
Acq: 16 Sep 2019 8:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	169808
Ion	Ratio	Lower	Upper
107	100		
108	117.5	87.7	131.5
77	53.4	42.6	64.0
79	49.5	43.4	65.2



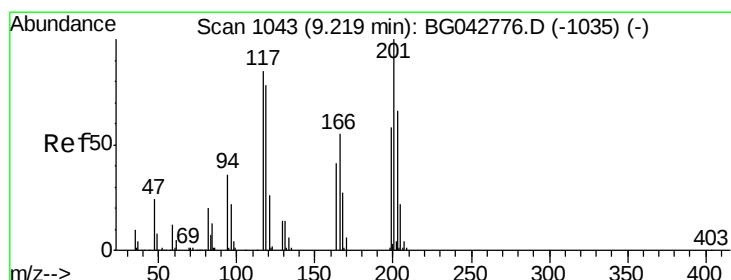
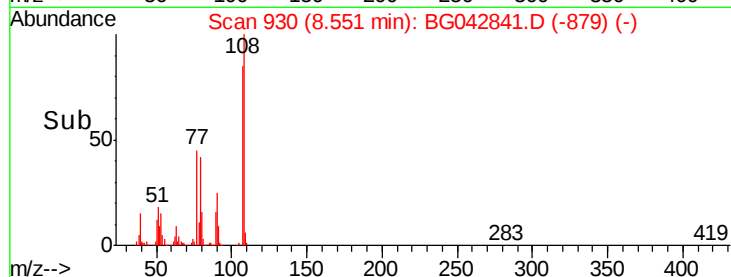
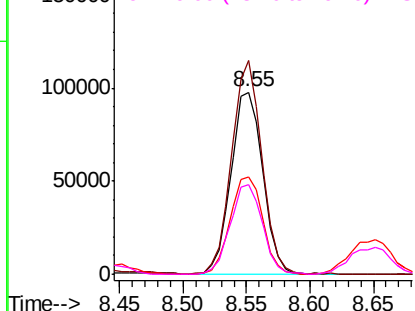
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

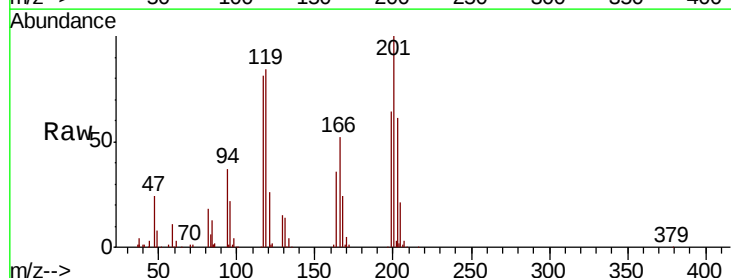
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.477 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG042841.D
Acq: 16 Sep 2019 8:57

Tgt Ion:	117	Resp:	76522
Ion	Ratio	Lower	Upper
117	100		
119	104.4	73.8	110.8
201	127.3	94.6	142.0

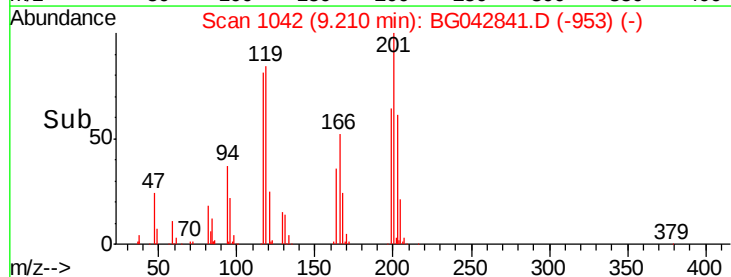
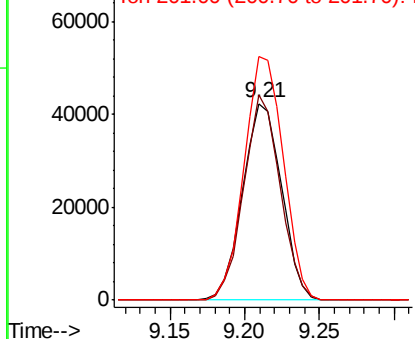


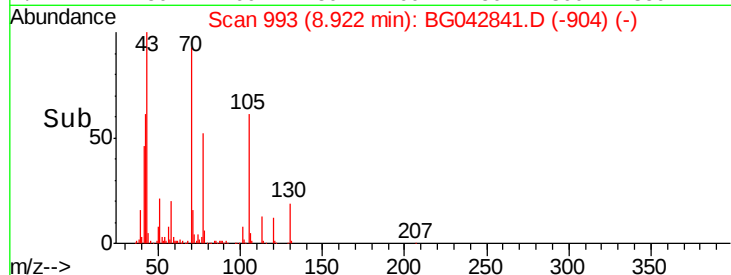
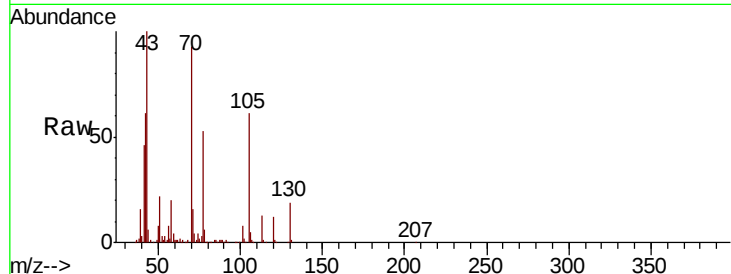
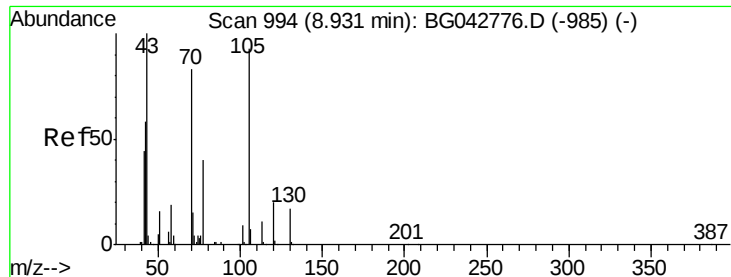
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

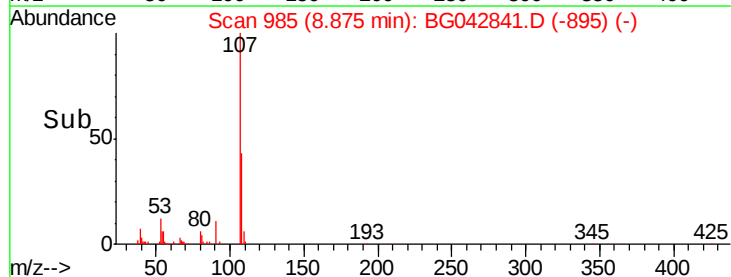
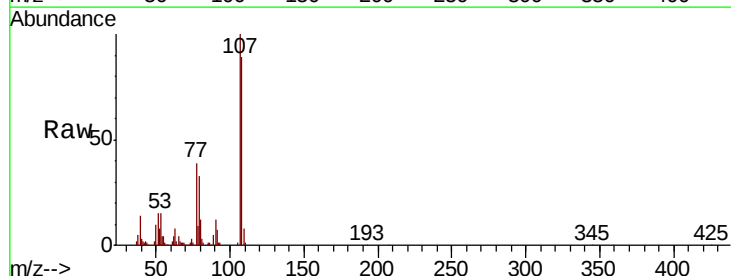
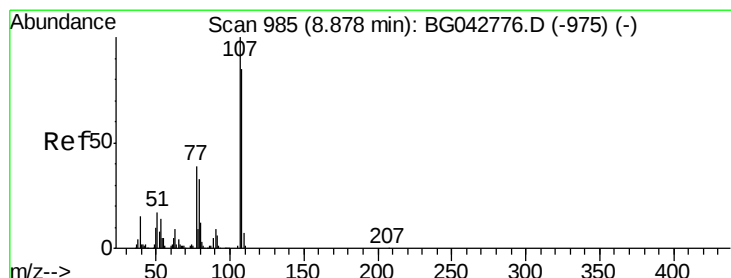
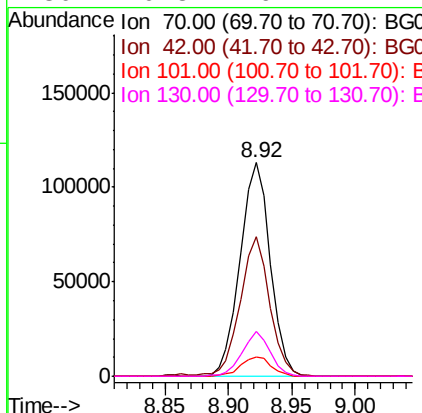




#19
n-Nitroso-di-n-propylamine
Concen: 43.295 ng
RT: 8.92 min Scan# 993
Delta R.T. -0.01 min
Lab File: BG042841.D
Acq: 16 Sep 2019 8:57

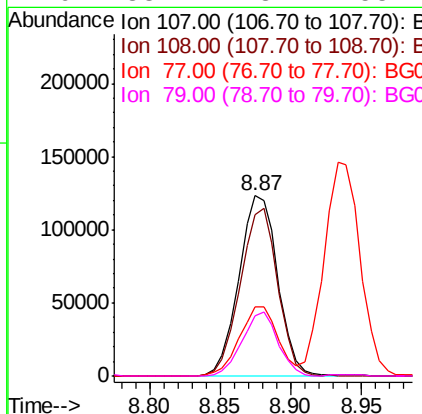
Instrument :
BNA_G
ClientSampleId :

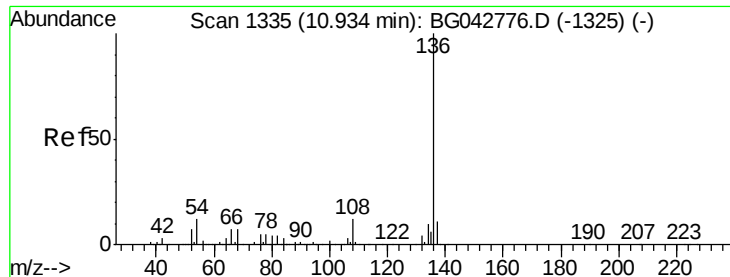
Tot Ion:	70	Resp:	186874
Ion	Ratio	Lower	Upper
70	100		
42	65.5	57.0	85.6
101	9.1	8.4	12.6
130	20.8	16.1	24.1



#20
3+4-Methylphenols
Concen: 42.686 ng
RT: 8.87 min Scan# 985
Delta R.T. -0.00 min
Lab File: BG042841.D
Acq: 16 Sep 2019 8:57

Tgt Ion:	107	Resp:	236479
Ion	Ratio	Lower	Upper
107	100		
108	89.5	65.4	105.4
77	38.6	18.7	58.7
79	33.2	13.7	53.7

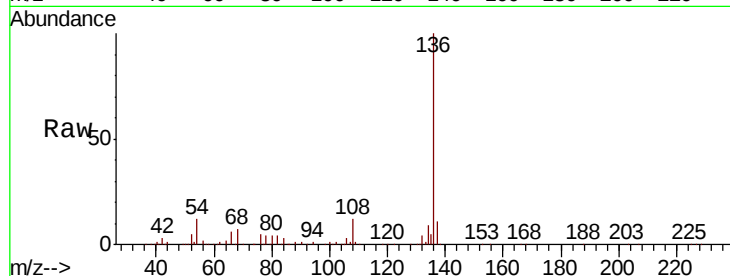




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG042841.D
Acq: 16 Sep 2019 8:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	311602
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.0 13.6
54	11.9	9.4 14.0
68	7.2	5.4 8.2



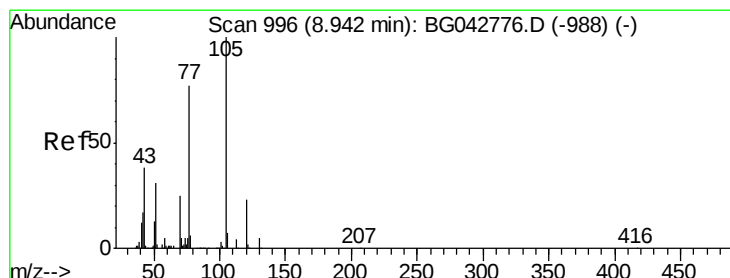
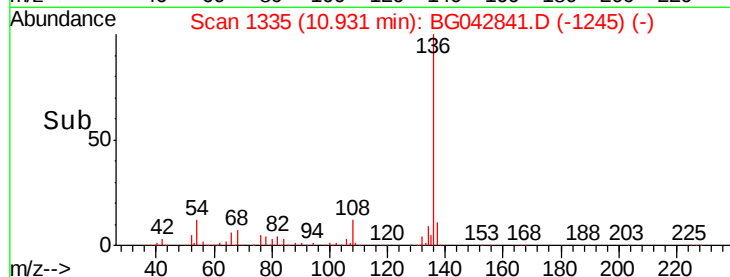
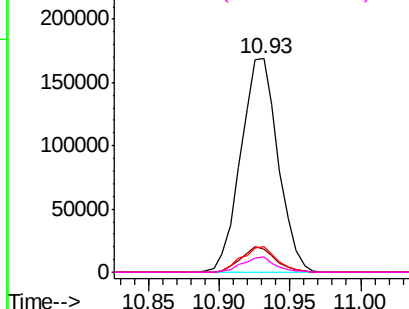
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

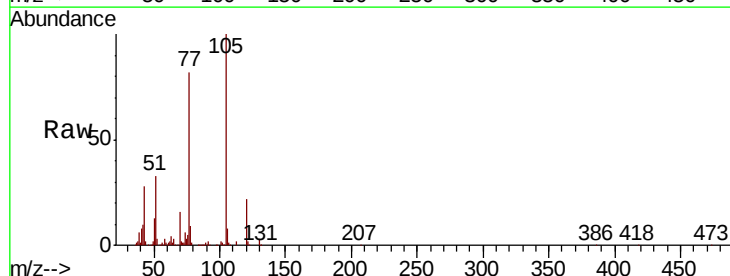
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 39.531 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.00 min
Lab File: BG042841.D
Acq: 16 Sep 2019 8:57

Tgt Ion:105	Resp:	311094
Ion Ratio	Lower	Upper
105	100	
71	2.4	3.7 5.5#
51	33.2	28.8 43.2
120	22.5	18.5 27.7



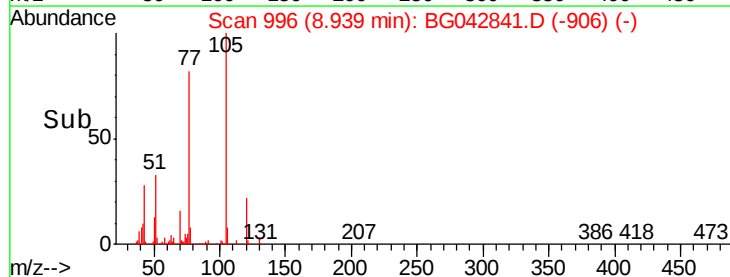
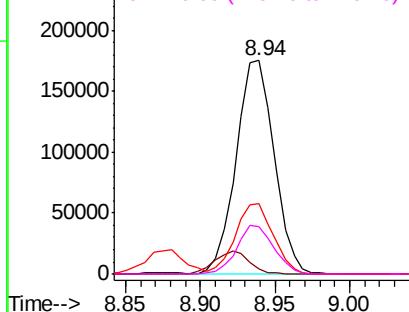
Abundance

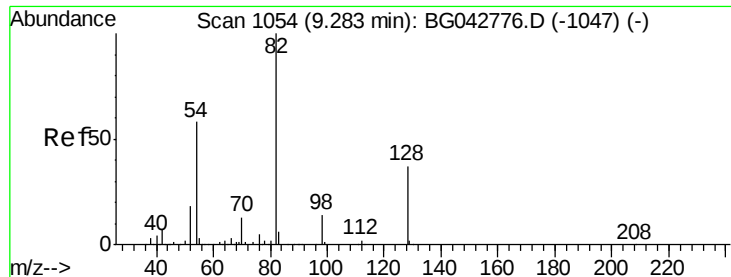
Ion 105.00 (104.70 to 105.70): E

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

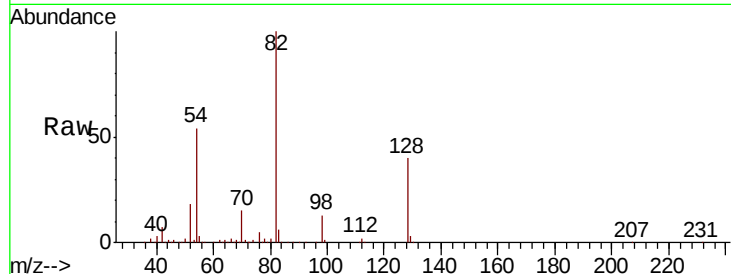




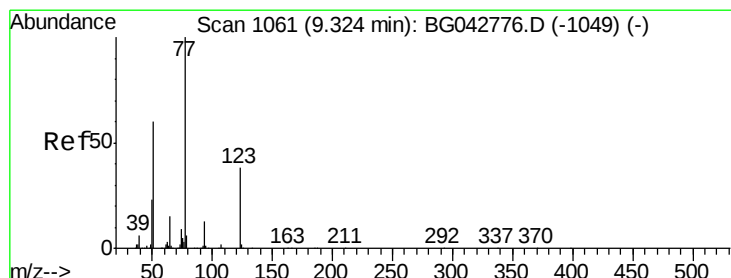
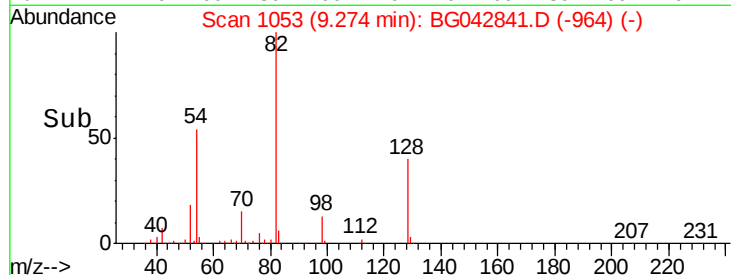
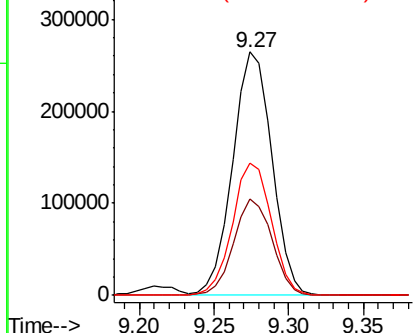
#23
Nitrobenzene-d5
Concen: 80.676 ng
RT: 9.27 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG042841.D
Acq: 16 Sep 2019 8:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	482860
Ion Ratio	100	Lower	Upper
128	39.6	29.8	44.8
54	54.1	46.1	69.1

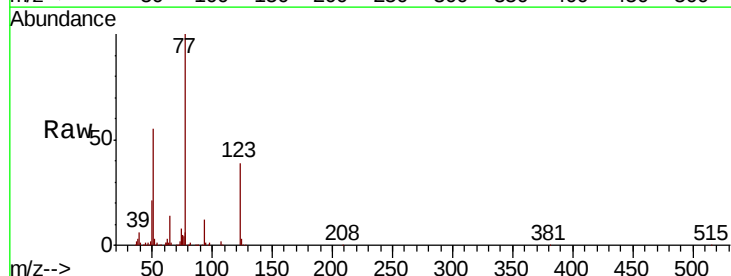


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

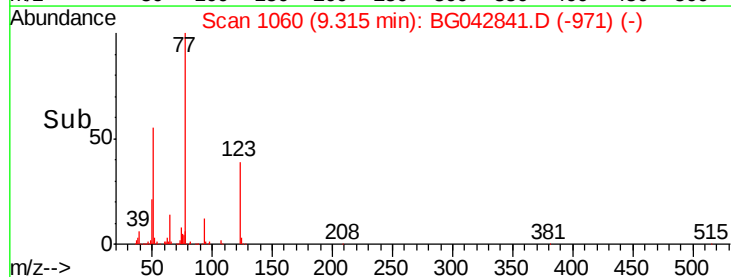
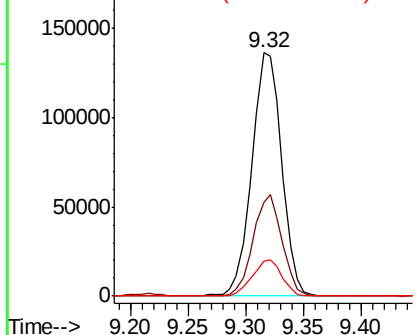


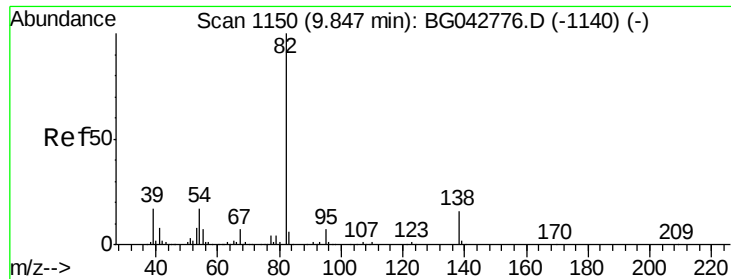
#24
Nitrobenzene
Concen: 39.195 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BG042841.D
Acq: 16 Sep 2019 8:57

Tgt Ion	77	Resp	246236
Ion Ratio	100	Lower	Upper
123	38.6	30.7	46.1
65	14.2	12.2	18.4



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





#25

Isophorone

Concen: 40.431 ng

RT: 9.84 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

Instrument :

BNA_G

ClientSampleId :

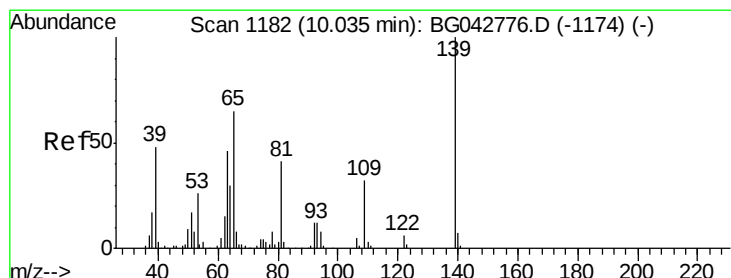
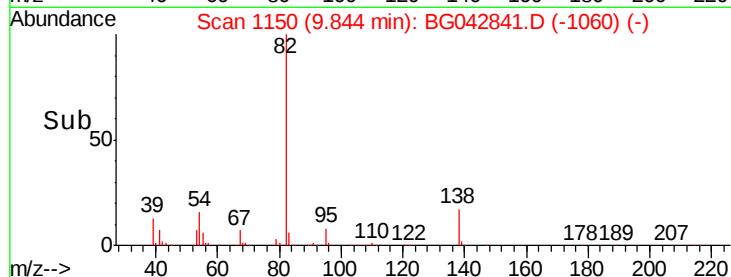
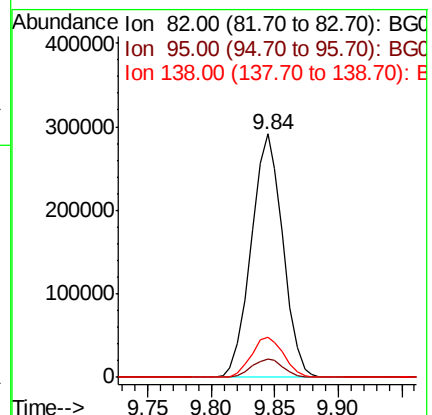
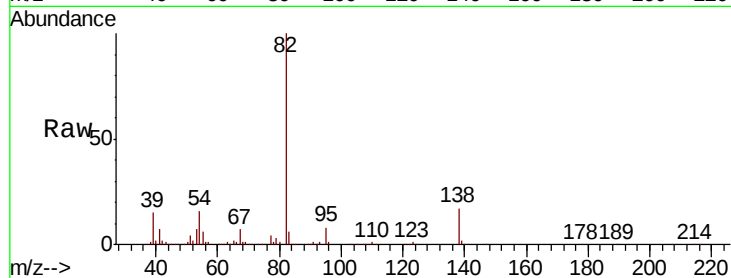
Tot Ion: 82 Resp: 504399

Ion Ratio Lower Upper

82 100

95 7.6 5.8 8.8

138 16.5 12.9 19.3



#26

2-Nitrophenol

Concen: 41.759 ng

RT: 10.03 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

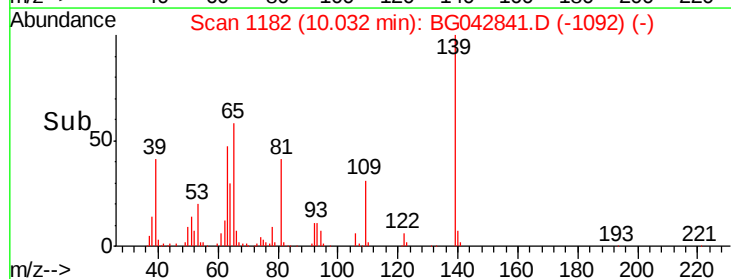
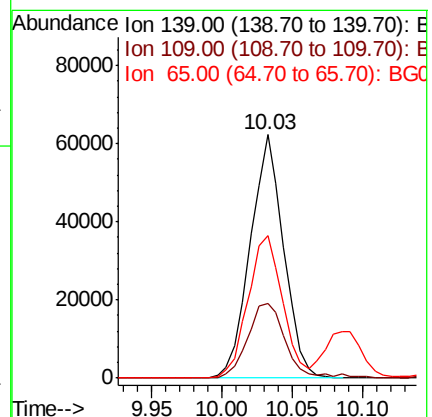
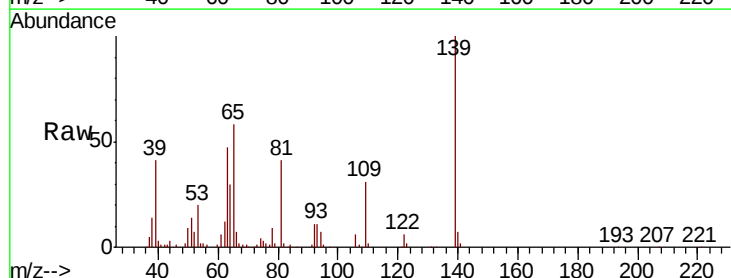
Tgt Ion: 139 Resp: 103159

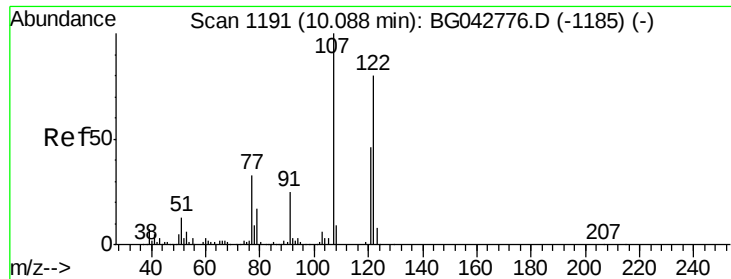
Ion Ratio Lower Upper

139 100

109 30.8 25.8 38.8

65 58.4 52.2 78.2





#27

2,4-Dimethylphenol

Concen: 40.541 ng

RT: 10.08 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

Instrument :

BNA_G

ClientSampleId :

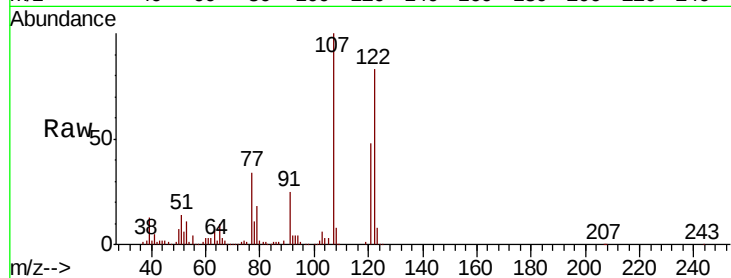
Tot Ion:122 Resp: 177158

Ion Ratio Lower Upper

122 100

107 119.9 98.9 148.3

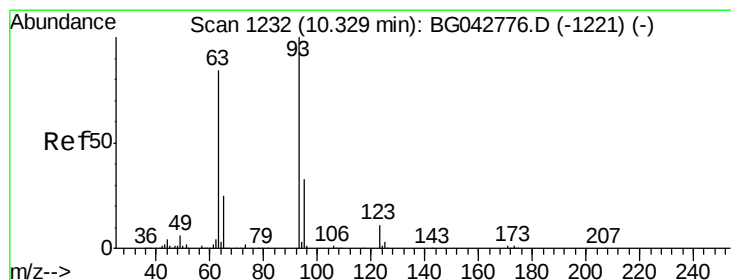
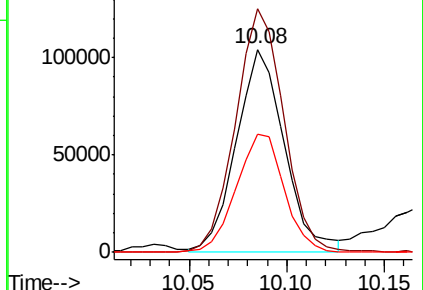
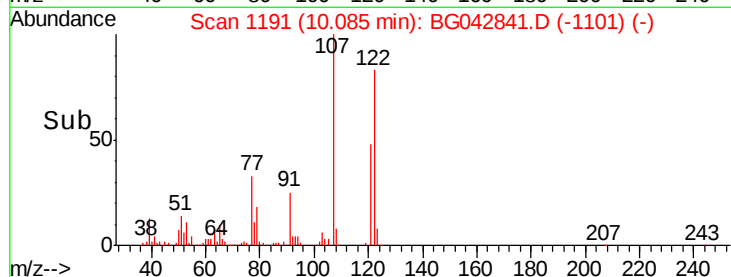
121 58.1 46.2 69.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.028 ng

RT: 10.33 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

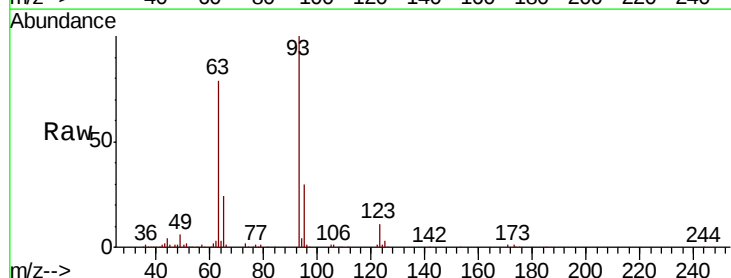
Tgt Ion: 93 Resp: 278487

Ion Ratio Lower Upper

93 100

95 30.3 26.6 40.0

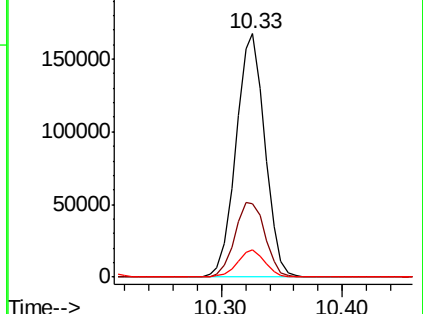
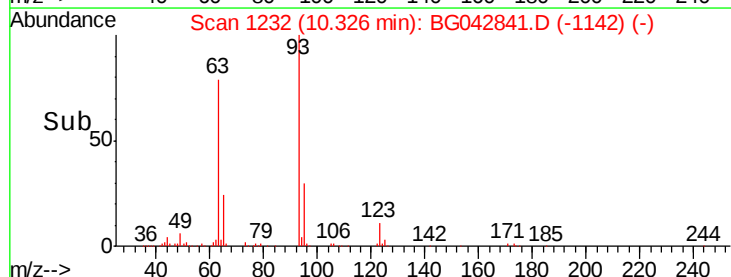
123 11.1 9.0 13.6

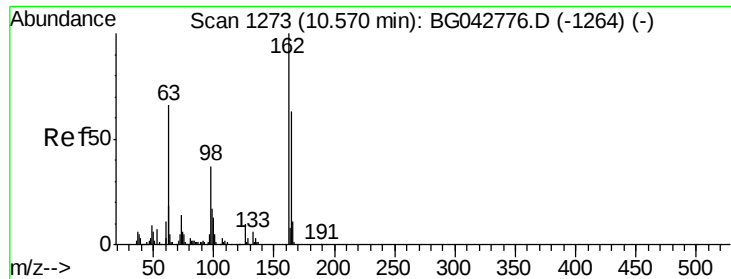


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

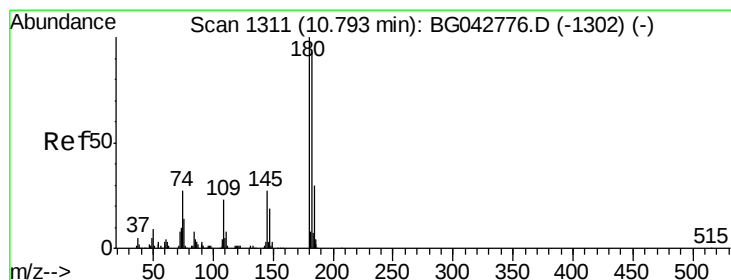
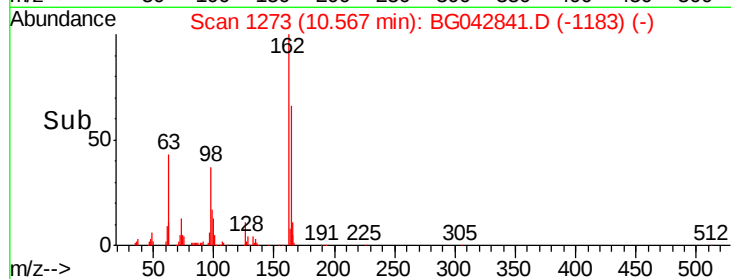
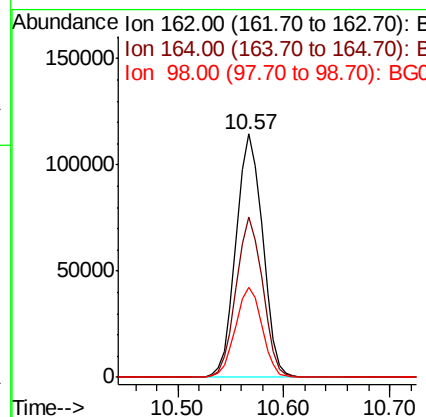
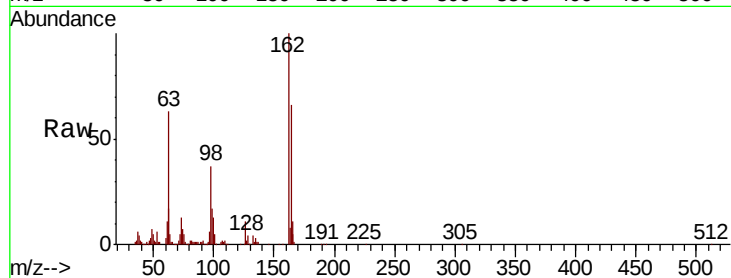




#29
 2,4-Dichlorophenol
 Concen: 39.400 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG042841.D
 Acq: 16 Sep 2019 8:57

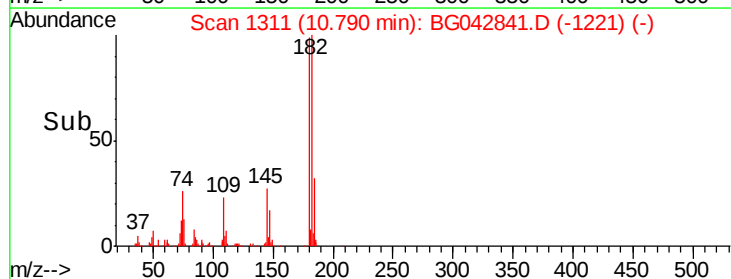
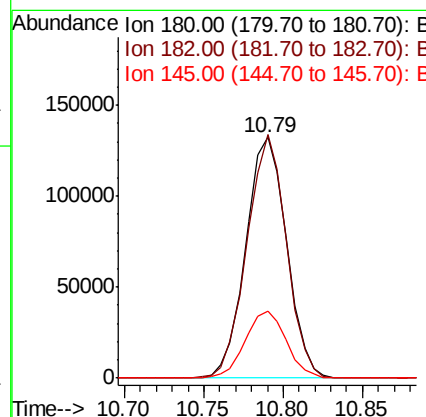
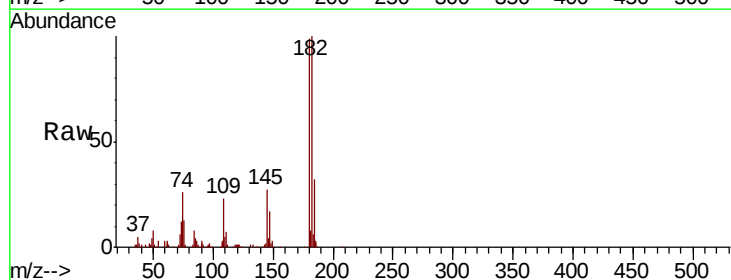
Instrument :
 BNA_G
 ClientSampleId :

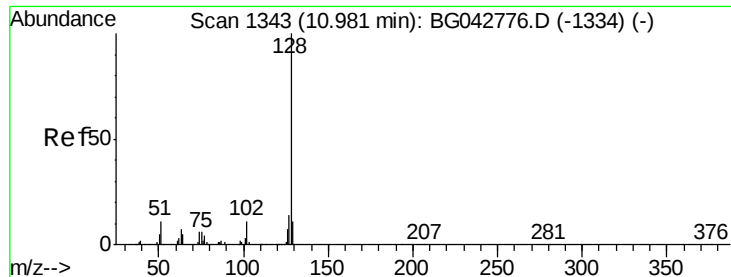
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	43.4	83.4
98	37.1	17.0	57.0



#30
 1,2,4-Trichlorobenzene
 Concen: 38.117 ng
 RT: 10.79 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: BG042841.D
 Acq: 16 Sep 2019 8:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.1	74.6	112.0
145	27.7	21.8	32.6

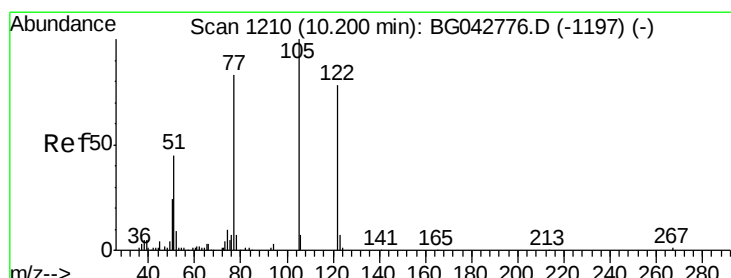
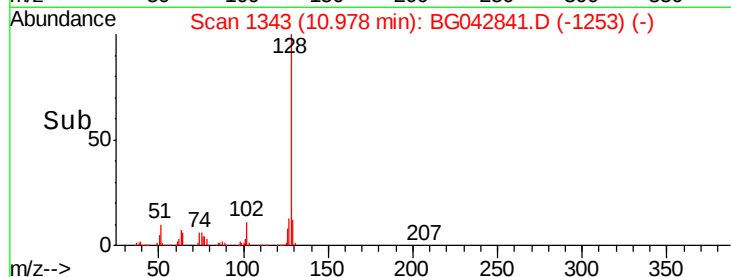
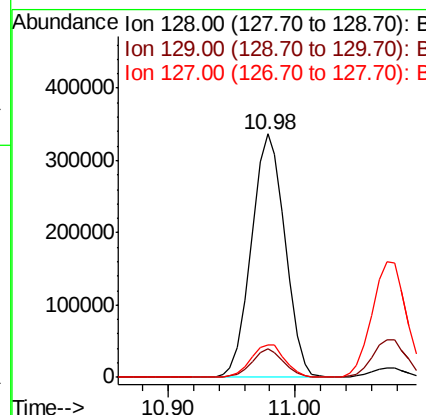
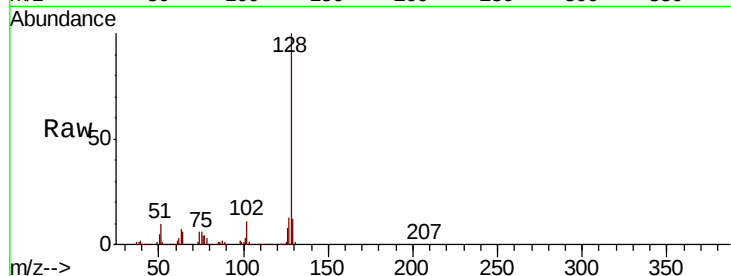




#31
Naphthalene
Concen: 40.318 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042841.D
Acq: 16 Sep 2019 8:57

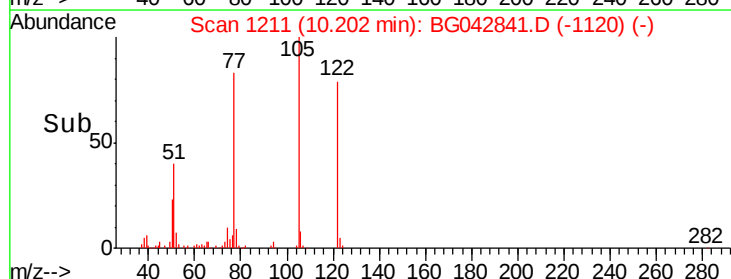
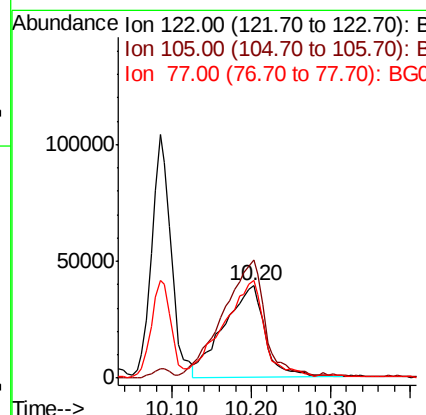
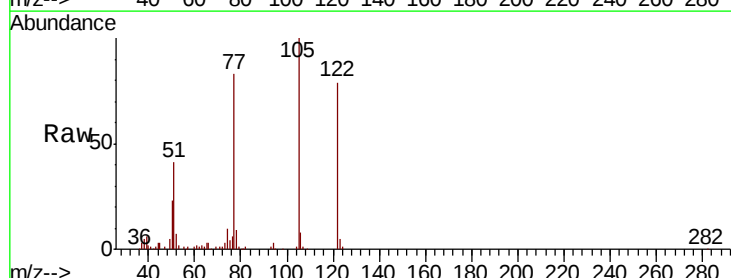
Instrument :
BNA_G
ClientSampled :

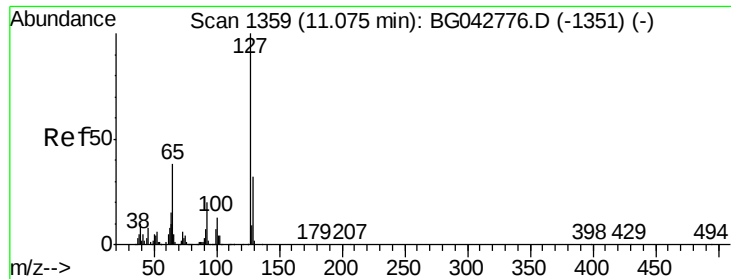
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	13.5	11.4	17.2



#32
Benzoic acid
Concen: 40.732 ng
RT: 10.20 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BG042841.D
Acq: 16 Sep 2019 8:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.4	104.0	144.0
77	106.3	84.2	124.2

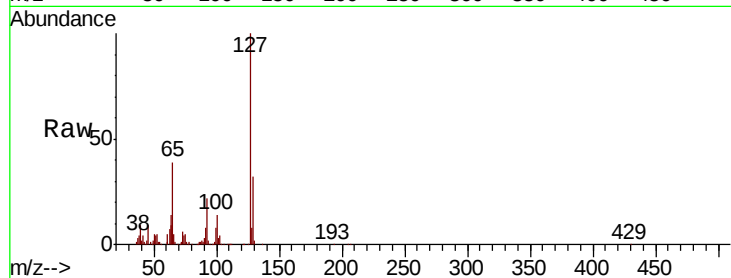




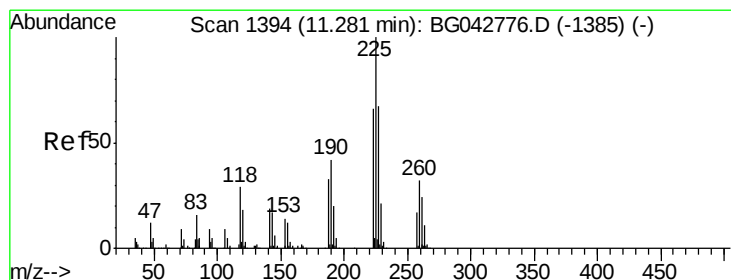
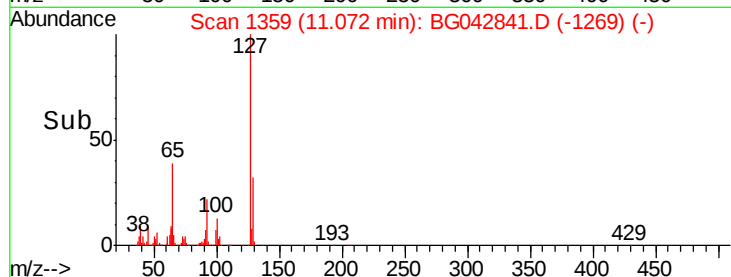
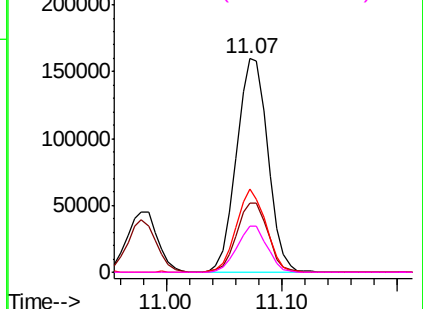
#33
4-Chloroaniline
Concen: 41.860 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG042841.D
Acq: 16 Sep 2019 8:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	301012
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.6
65	38.7	30.5	45.7
92	21.8	15.9	23.9

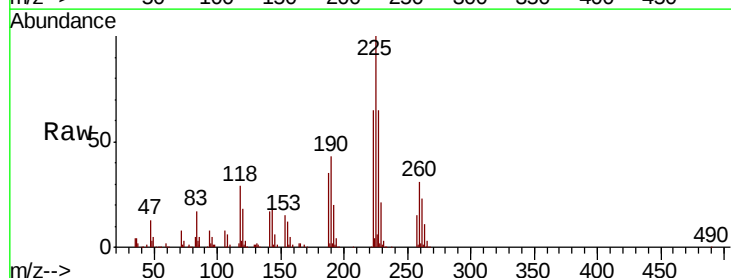


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

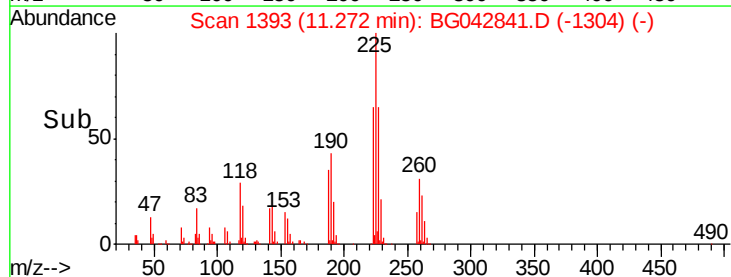
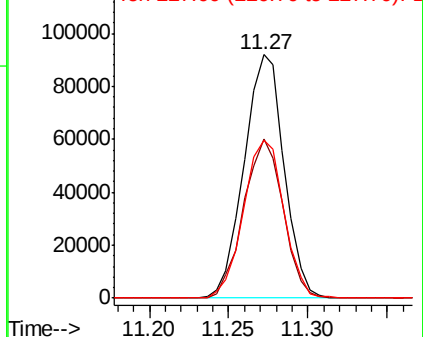


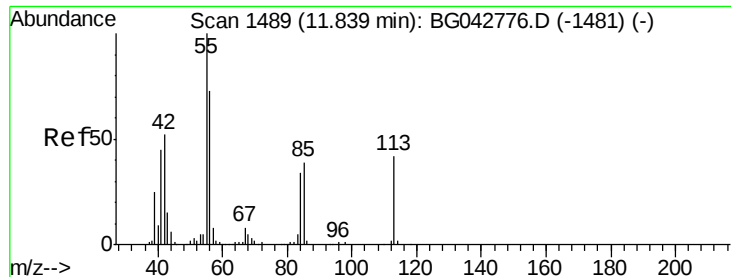
#34
Hexachlorobutadiene
Concen: 37.062 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG042841.D
Acq: 16 Sep 2019 8:57

Tgt Ion:	225	Resp:	160993
Ion	Ratio	Lower	Upper
225	100		
223	61.9	52.6	79.0
227	61.6	53.6	80.4



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: 48.812 ng

RT: 11.84 min Scan# 1489

Delta R.T. -0.00 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

Instrument :

BNA_G

ClientSampled :

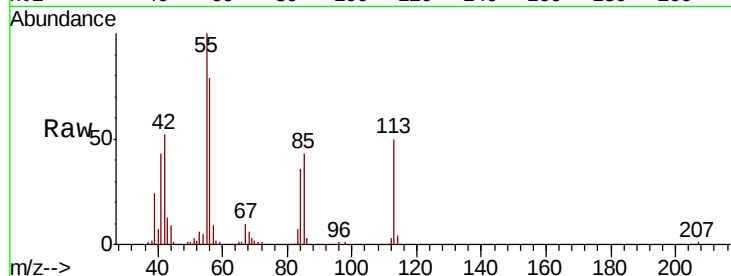
Tot Ion:113 Resp: 92175

Ion Ratio Lower Upper

113 100

55 199.9 218.4 258.4#

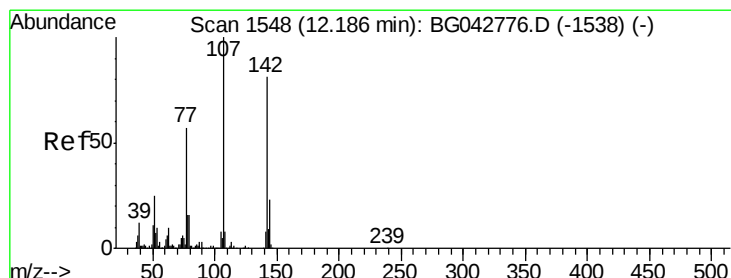
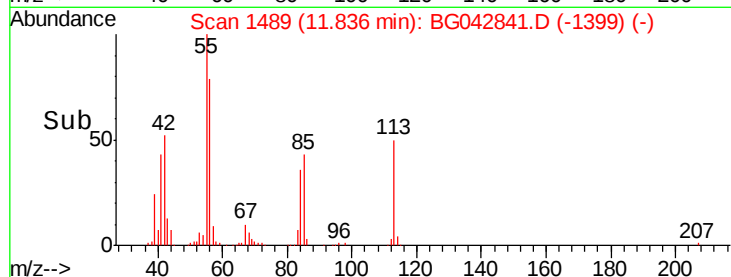
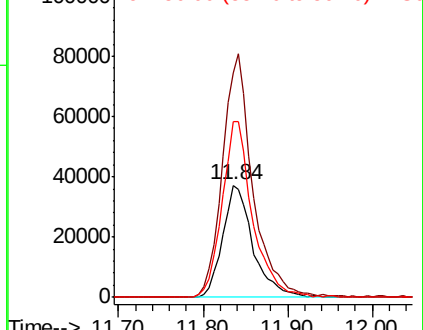
56 157.2 154.8 194.8



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: 42.854 ng

RT: 12.18 min Scan# 1548

Delta R.T. -0.00 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

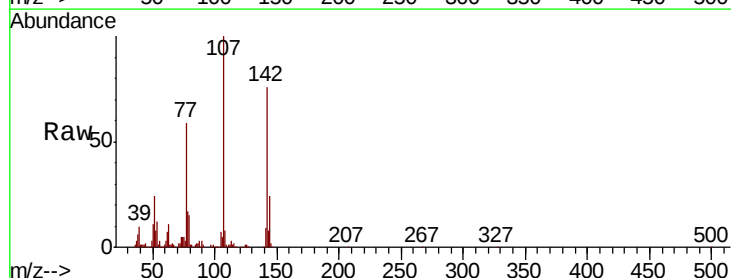
Tgt Ion:107 Resp: 236282

Ion Ratio Lower Upper

107 100

144 24.5 18.7 28.1

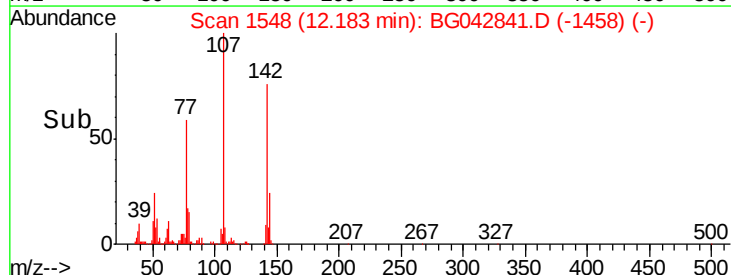
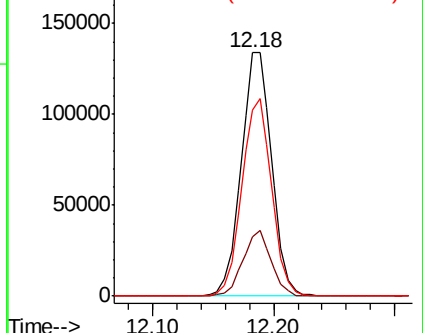
142 76.4 65.0 97.4

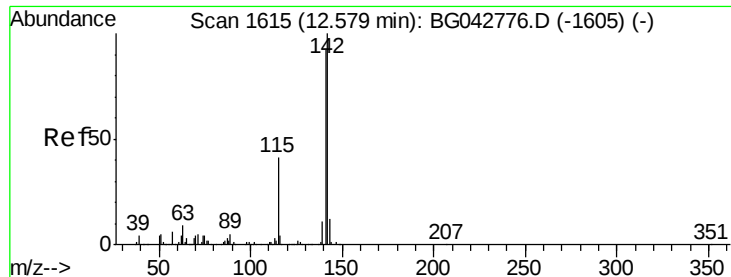


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

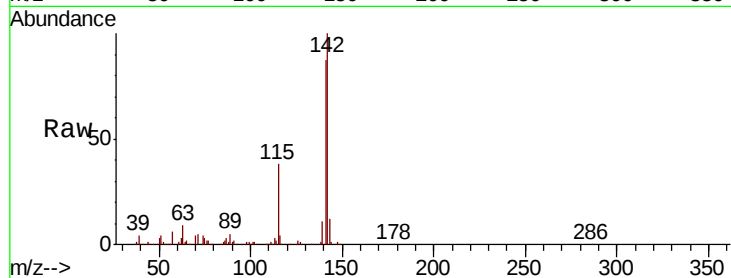




#37
 2-Methylnaphthalene
 Concen: 41.236 ng
 RT: 12.58 min Scan# 1615
 Delta R.T. -0.00 min
 Lab File: BG042841.D
 Acq: 16 Sep 2019 8:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.9	73.8	110.8
115	38.4	33.0	49.4

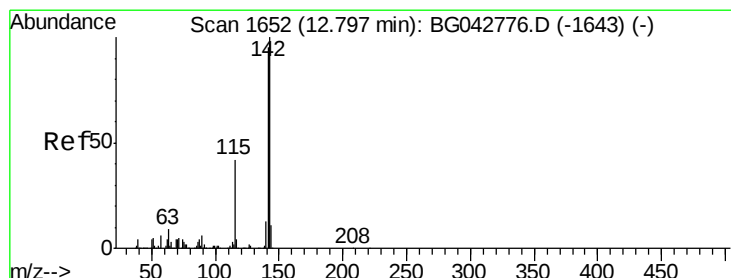
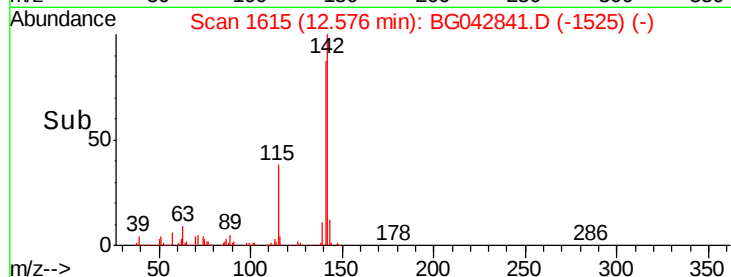
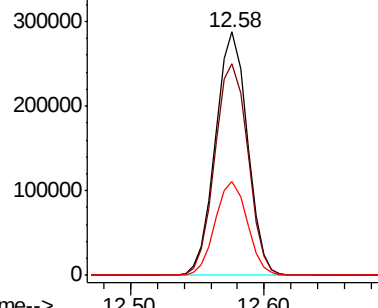


Abundance

Ion 142.00 (141.70 to 142.70): E

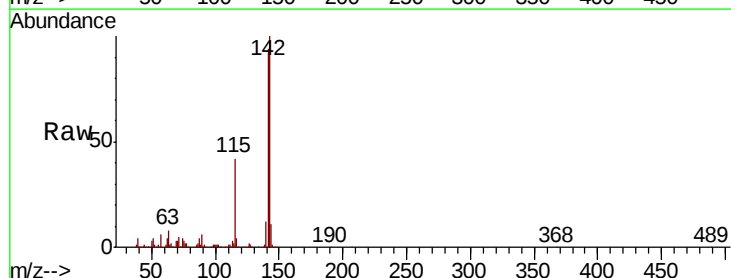
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 41.288 ng
 RT: 12.79 min Scan# 1652
 Delta R.T. -0.00 min
 Lab File: BG042841.D
 Acq: 16 Sep 2019 8:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	76.3	114.5
116	4.2	3.4	5.0

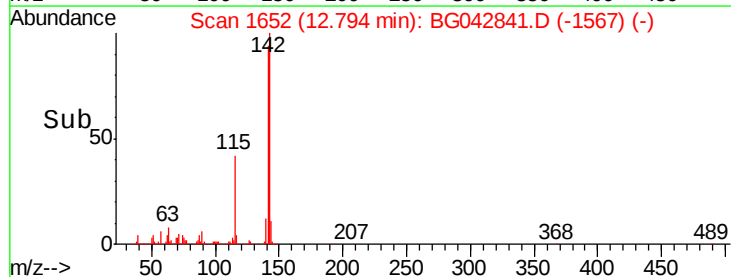
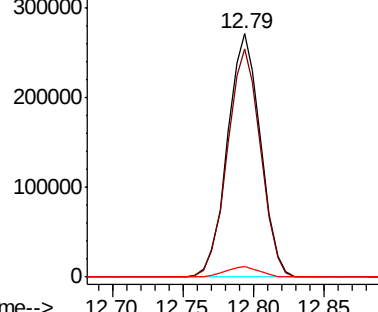


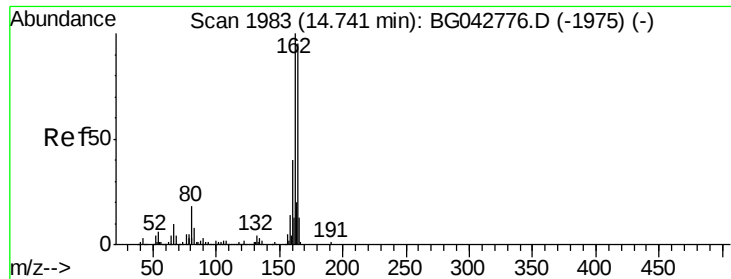
Abundance

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: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

Instrument :

BNA_G

ClientSampleId :

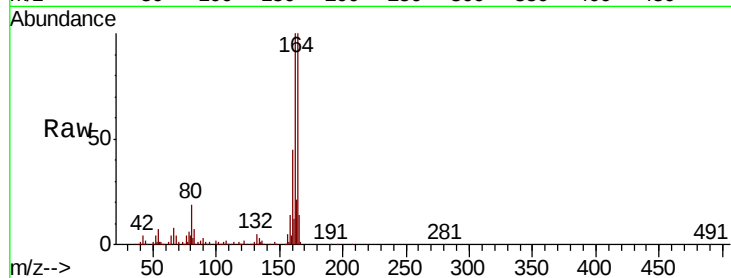
Tot Ion:164 Resp: 233312

Ion Ratio Lower Upper

164 100

162 100.1 84.6 126.8

160 45.3 34.2 51.2

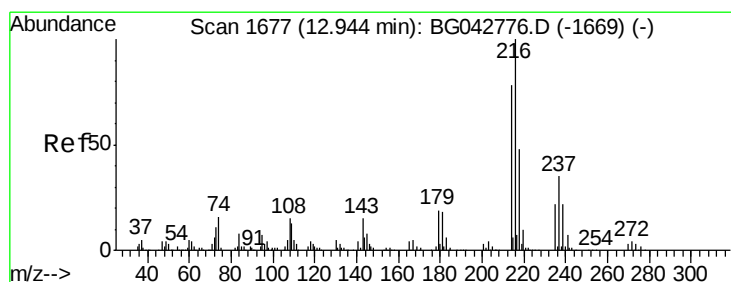
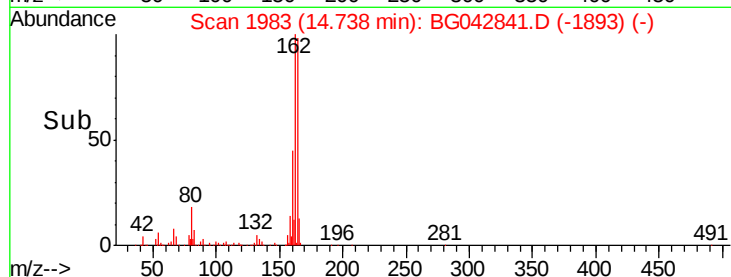
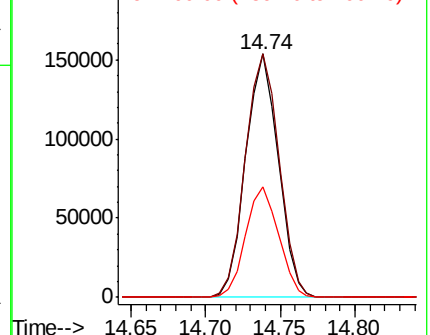


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.585 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

Tgt Ion:216 Resp: 289769

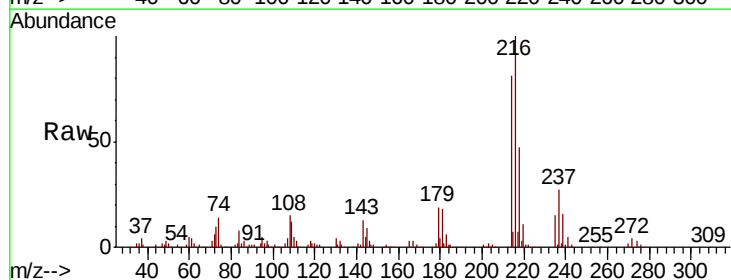
Ion Ratio Lower Upper

216 100

214 79.2 62.8 94.2

179 19.5 15.3 22.9

108 15.9 12.9 19.3



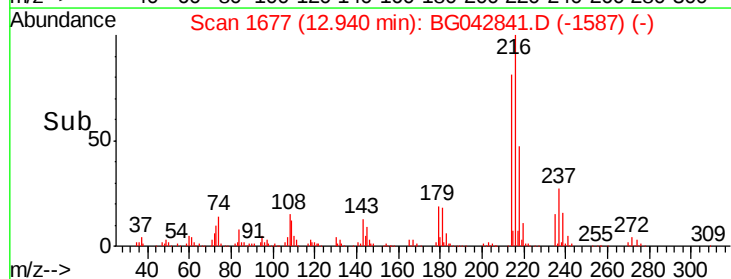
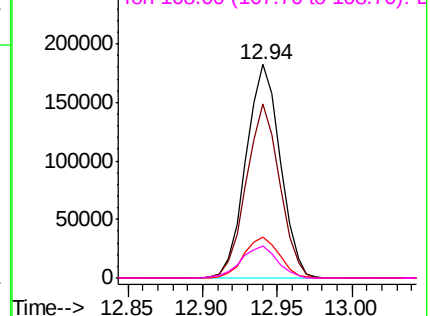
Abundance

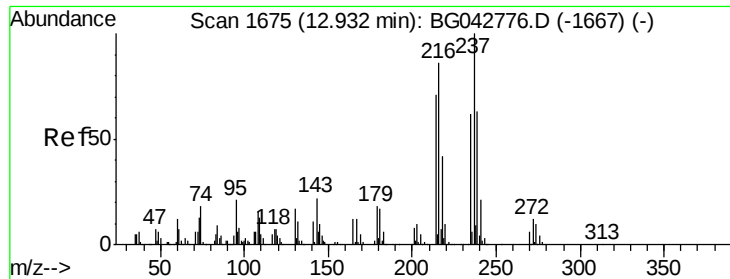
Ion 216.00 (215.70 to 216.70): E

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: 37.470 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

Instrument :

BNA_G

ClientSampled :

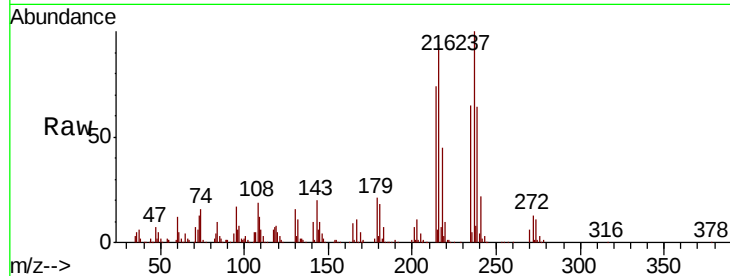
Tot Ion:237 Resp: 165491

Ion Ratio Lower Upper

237 100

235 64.6 41.9 81.9

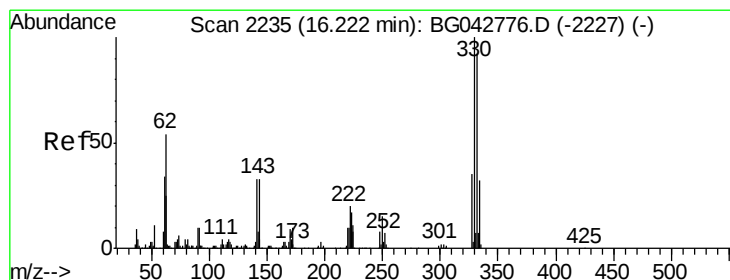
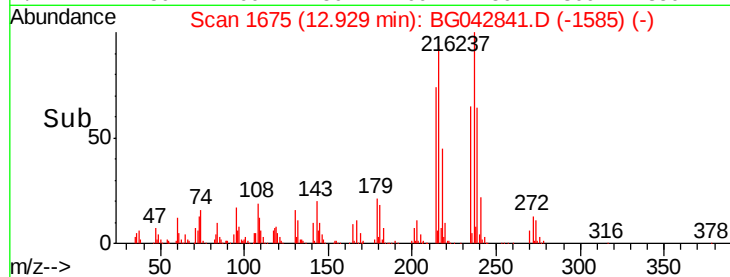
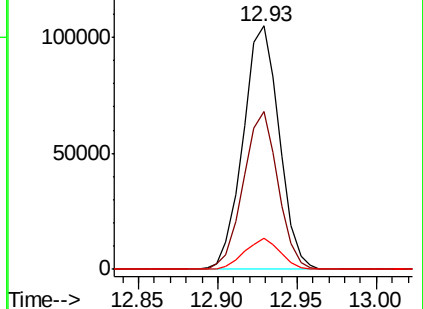
272 13.0 0.0 31.6



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: 85.312 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

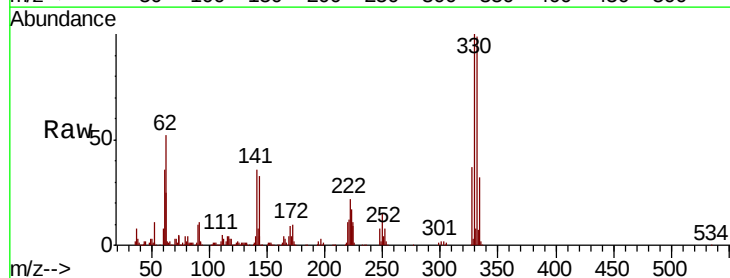
Tgt Ion:330 Resp: 264813

Ion Ratio Lower Upper

330 100

332 96.5 76.7 115.1

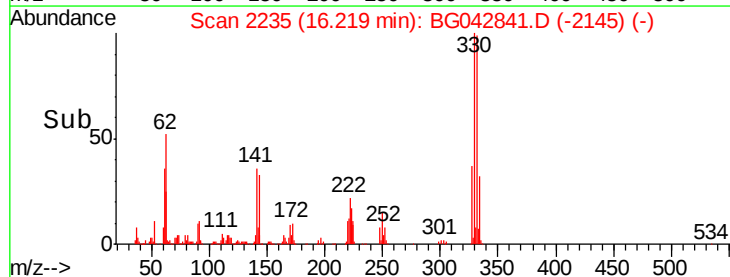
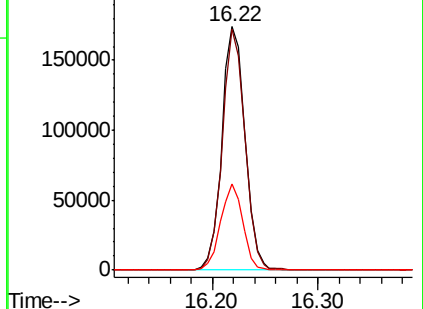
141 34.2 27.0 40.6

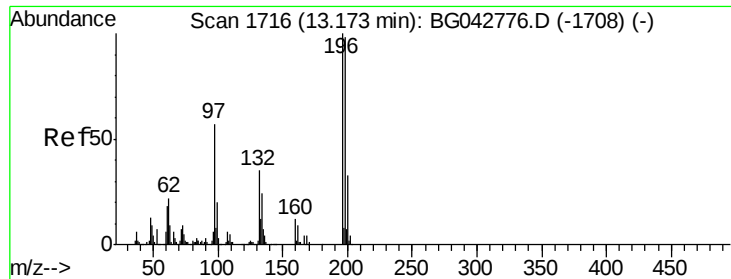


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

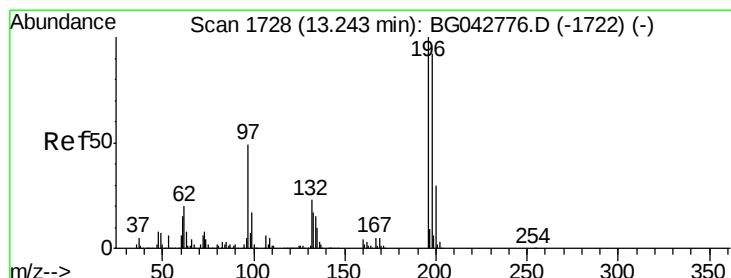
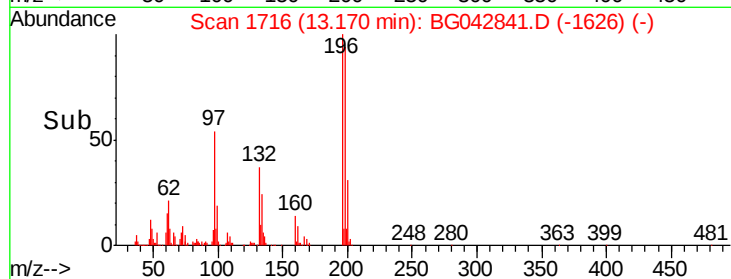
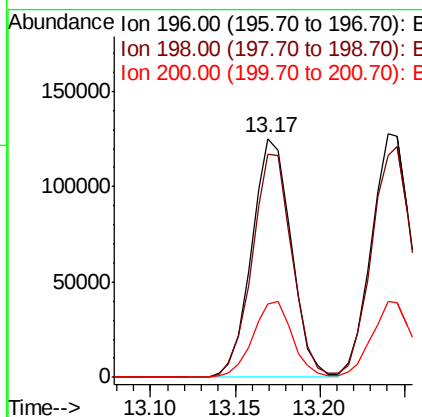
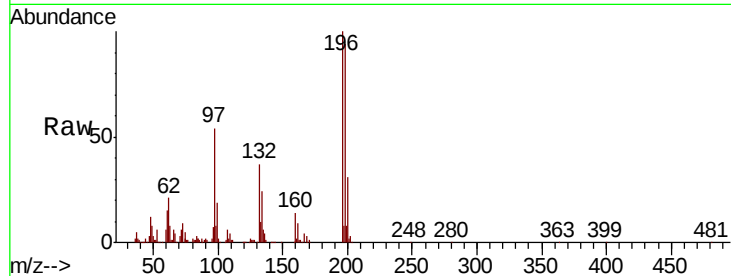




#43
 2,4,6-Trichlorophenol
 Concen: 39.666 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG042841.D
 Acq: 16 Sep 2019 8:57

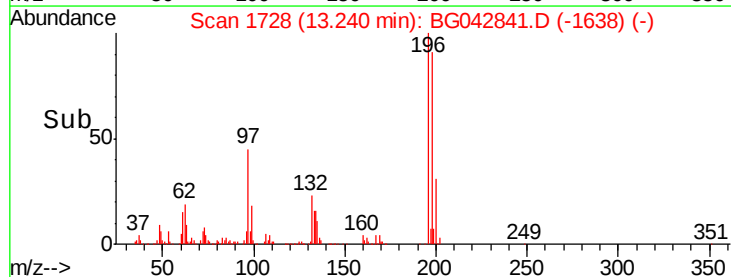
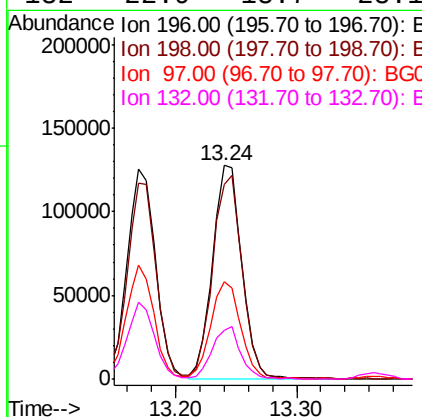
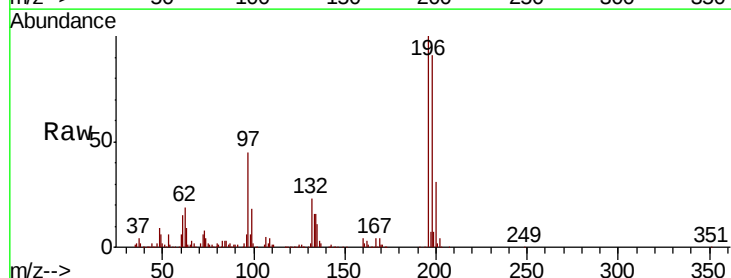
Instrument :
 BNA_G
 ClientSampleId :

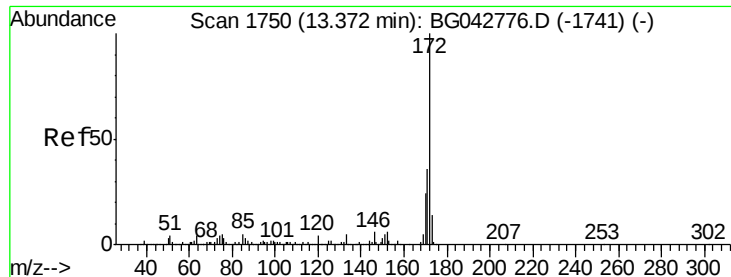
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.7	78.8	118.2
200	30.6	26.2	39.4



#44
 2,4,5-Trichlorophenol
 Concen: 40.418 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG042841.D
 Acq: 16 Sep 2019 8:57

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.0	73.4	110.0
97	45.4	39.2	58.8
132	22.9	18.7	28.1



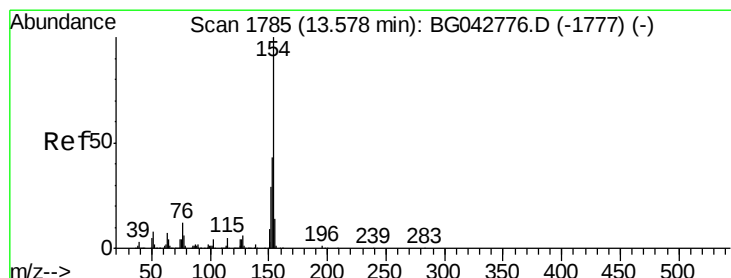
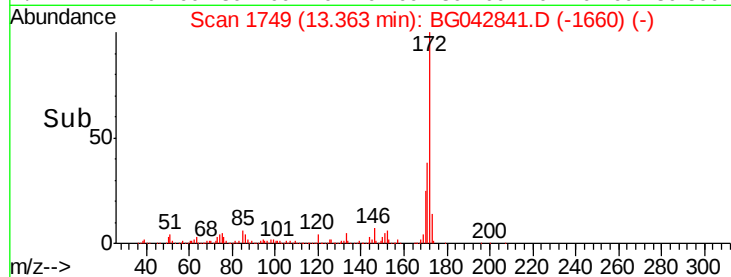
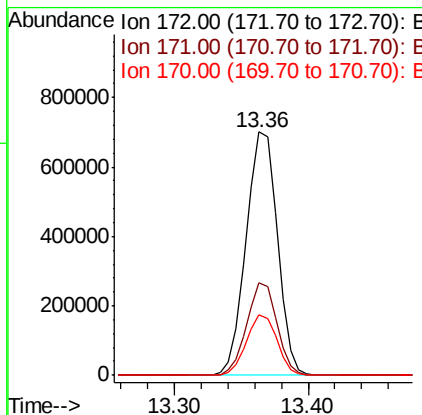
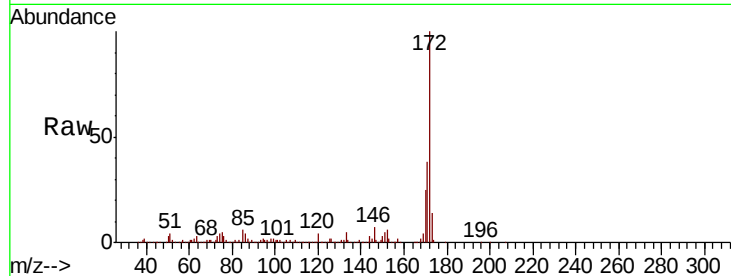


#45
 2-Fluorobiphenyl
 Concen: 76.860 ng
 RT: 13.36 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG042841.D
 Acq: 16 Sep 2019 8:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1132851

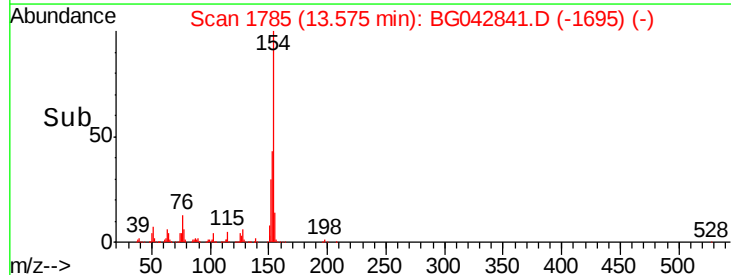
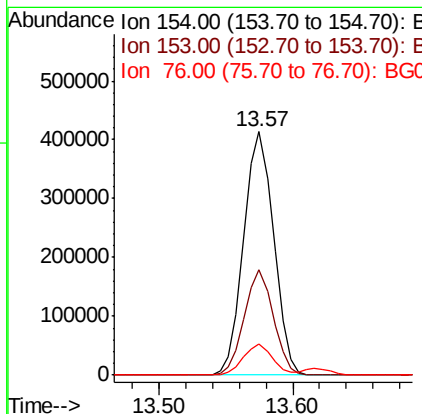
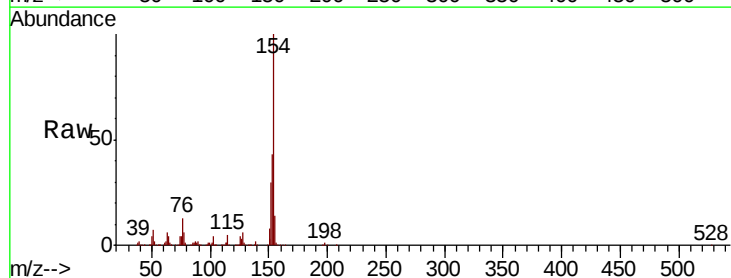
Ion	Ratio	Lower	Upper
172	100		
171	37.8	28.9	43.3
170	24.6	19.1	28.7

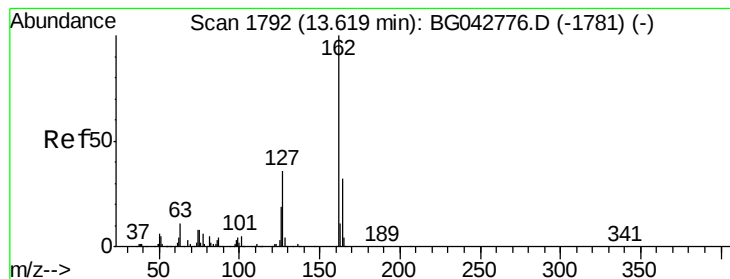


#46
 1,1'-Biphenyl
 Concen: 39.216 ng
 RT: 13.57 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BG042841.D
 Acq: 16 Sep 2019 8:57

Tgt Ion:154 Resp: 640518

Ion	Ratio	Lower	Upper
154	100		
153	43.3	22.6	62.6
76	12.6	0.0	32.2





#47

2-Chloronaphthalene

Concen: 38.642 ng

RT: 13.62 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

Instrument :

BNA_G

ClientSampleId :

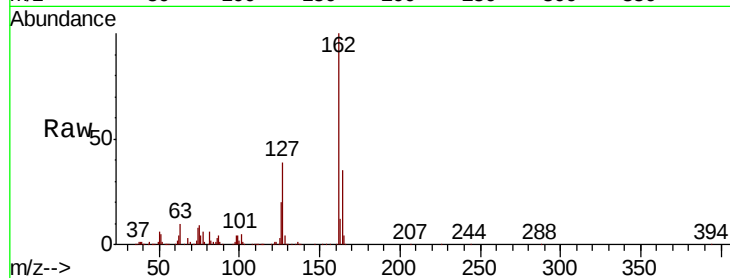
Tot Ion:162 Resp: 522101

Ion Ratio Lower Upper

162 100

127 38.7 29.3 43.9

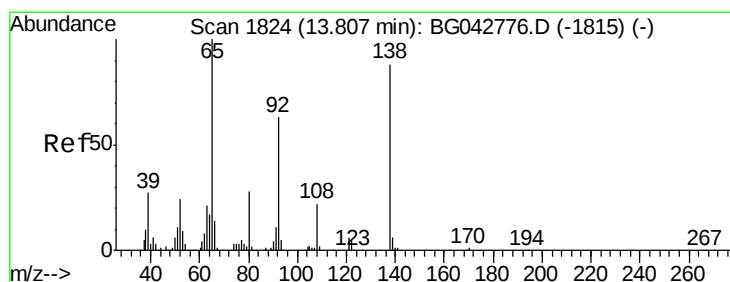
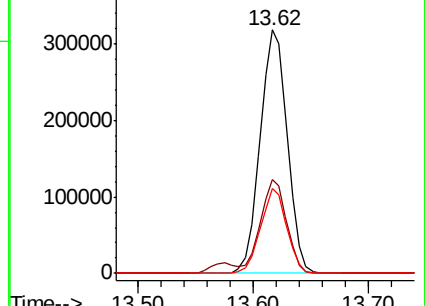
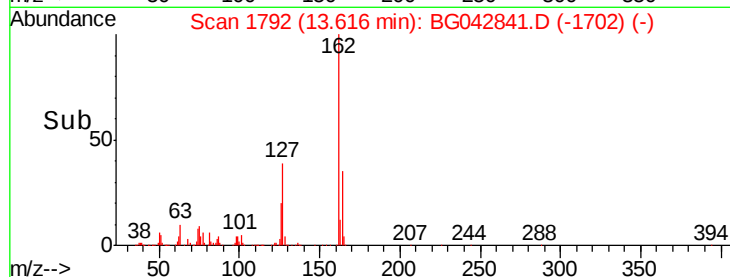
164 34.9 26.0 39.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 42.843 ng

RT: 13.80 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

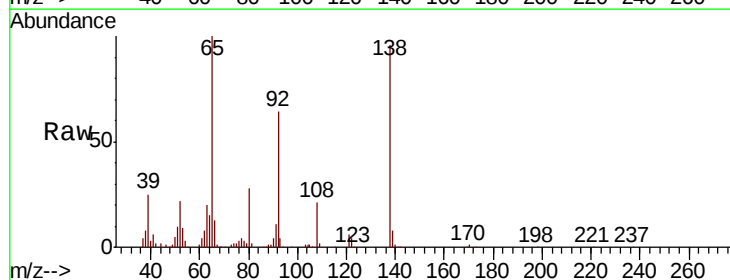
Tgt Ion: 65 Resp: 200806

Ion Ratio Lower Upper

65 100

92 64.3 50.4 75.6

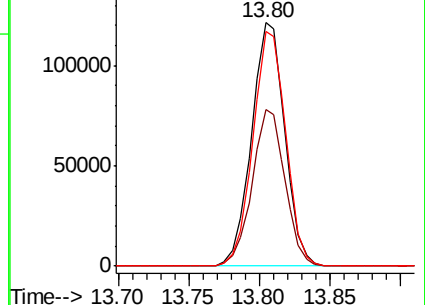
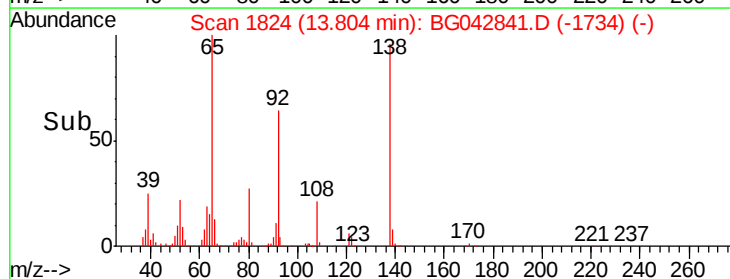
138 96.1 70.6 106.0

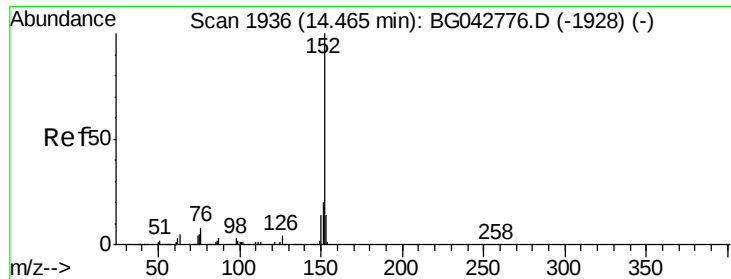


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.622 ng

RT: 14.46 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

Instrument :

BNA_G

ClientSampleId :

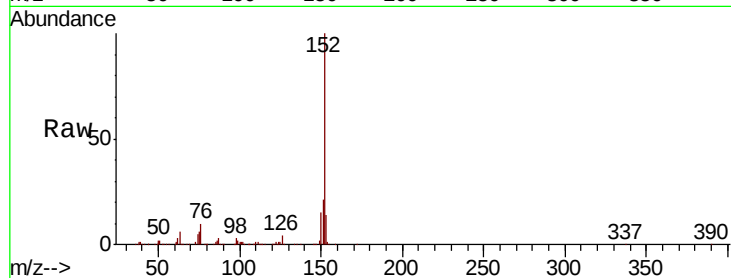
Tot Ion:152 Resp: 838755

Ion Ratio Lower Upper

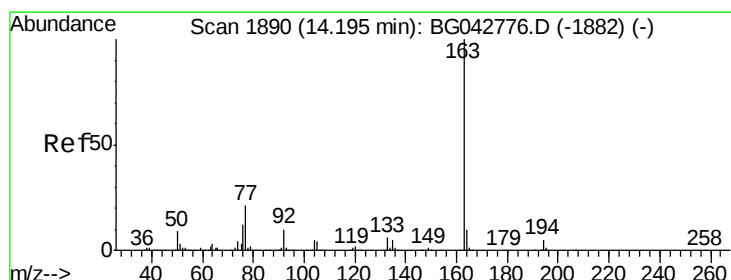
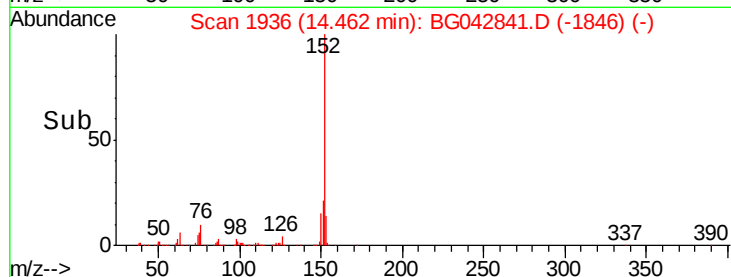
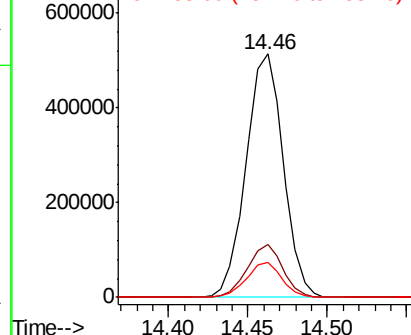
152 100

151 21.5 16.0 24.0

153 14.4 11.4 17.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.005 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

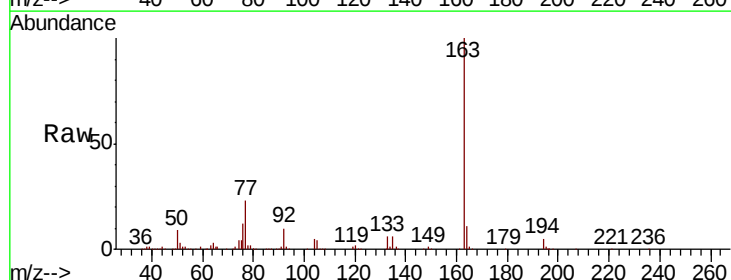
Tgt Ion:163 Resp: 734155

Ion Ratio Lower Upper

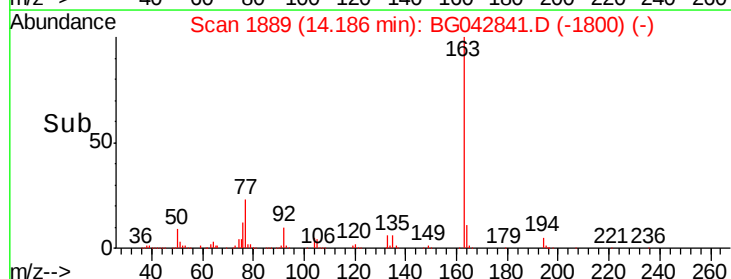
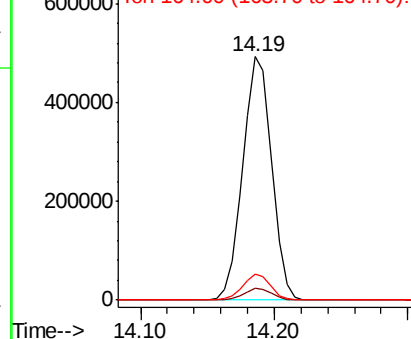
163 100

194 5.0 4.2 6.4

164 10.6 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

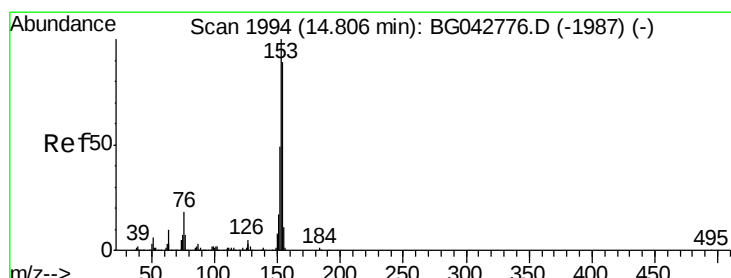
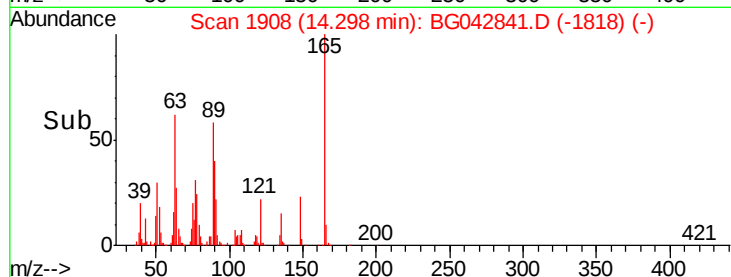
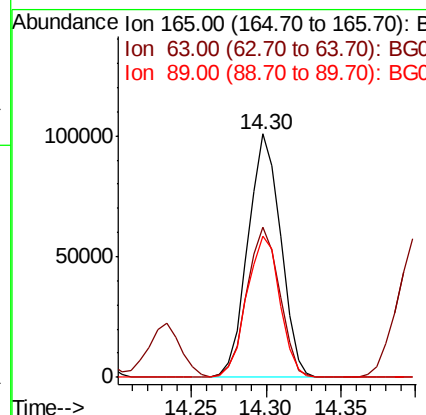
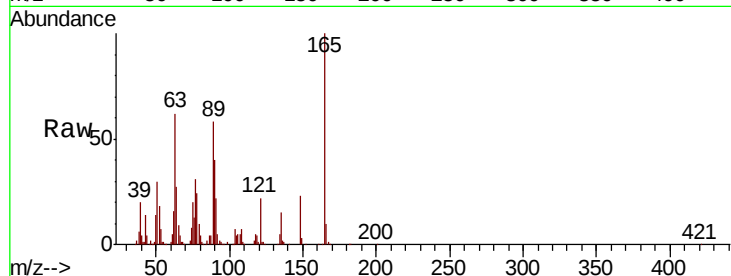




#51
 2,6-Dinitrotoluene
 Concen: 42.490 ng
 RT: 14.30 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: BG042841.D
 Acq: 16 Sep 2019 8:57

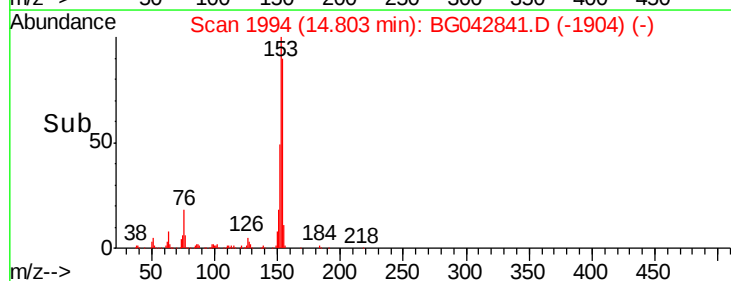
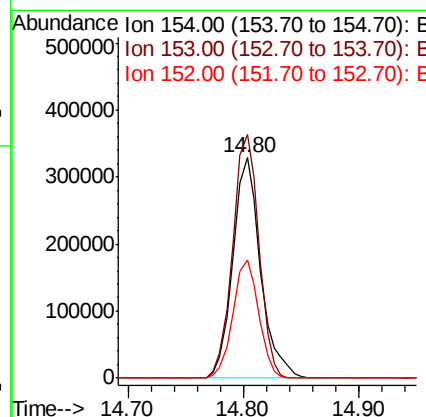
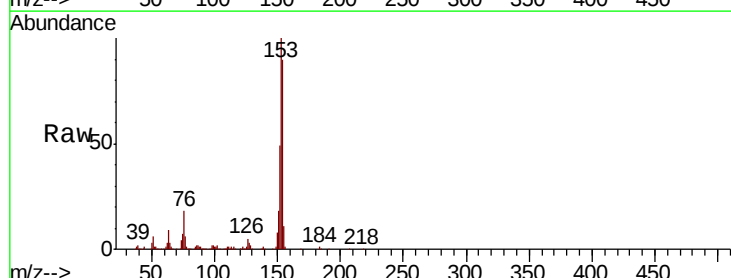
Instrument :
 BNA_G
 ClientSampled :

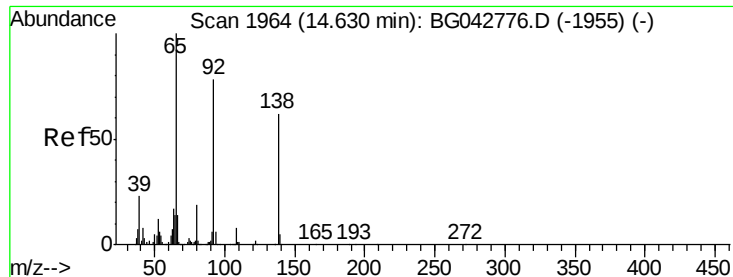
Tot Ion:165 Resp: 152382
 Ion Ratio Lower Upper
 165 100
 63 61.6 52.1 78.1
 89 58.3 51.7 77.5



#52
 Acenaphthene
 Concen: 40.670 ng
 RT: 14.80 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BG042841.D
 Acq: 16 Sep 2019 8:57

Tgt Ion:154 Resp: 548598
 Ion Ratio Lower Upper
 154 100
 153 110.6 89.4 134.2
 152 53.8 43.5 65.3





#53

3-Nitroaniline

Concen: 43.771 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

Instrument :

BNA_G

ClientSampleId :

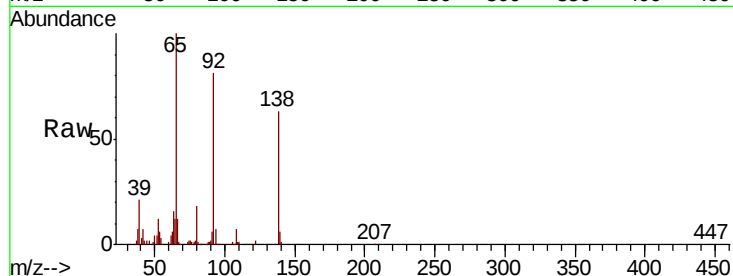
Tot Ion:138 Resp: 176177

Ion Ratio Lower Upper

138 100

108 10.8 10.7 16.1

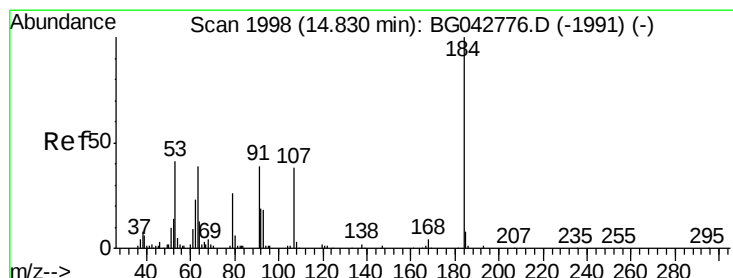
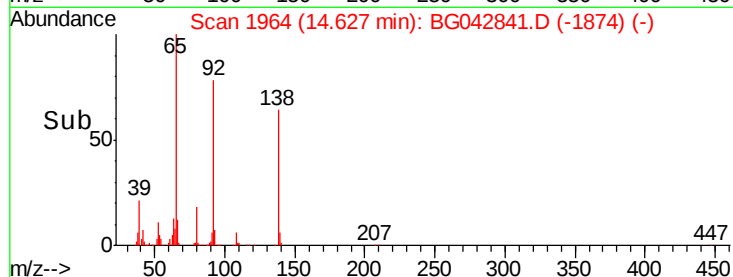
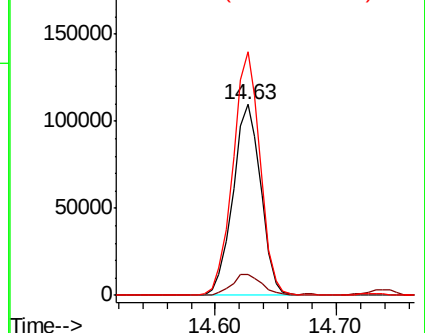
92 127.7 100.5 150.7



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: 45.544 ng

RT: 14.83 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

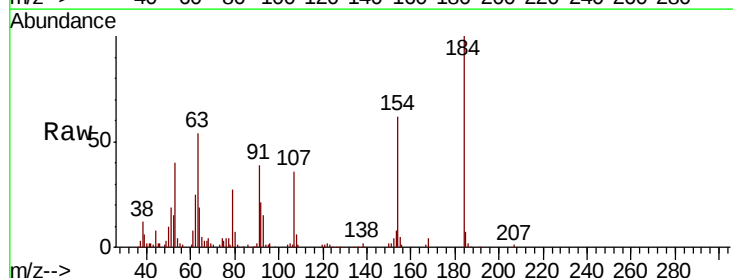
Tgt Ion:184 Resp: 80407

Ion Ratio Lower Upper

184 100

63 53.8 46.2 69.4

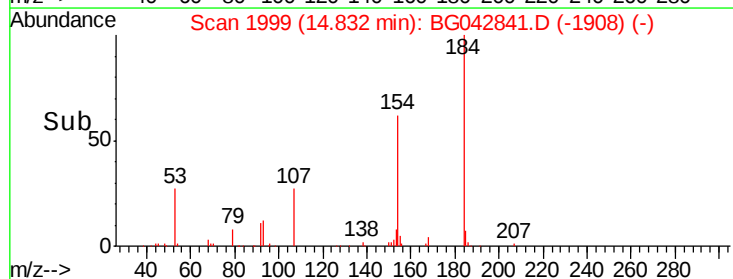
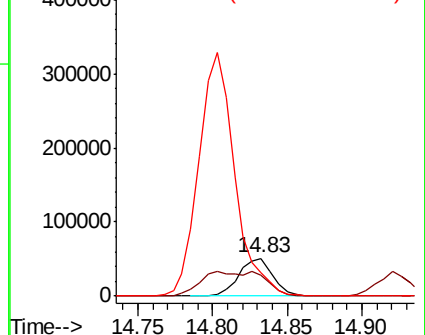
154 62.3 81.3 121.9#

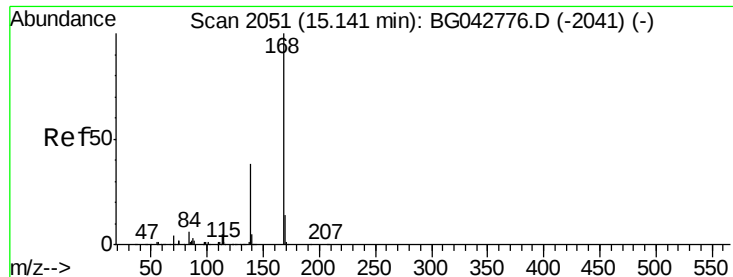


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

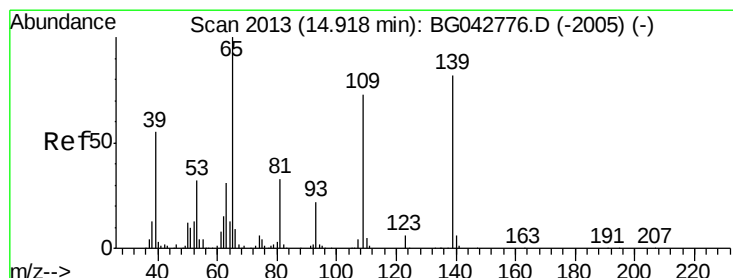
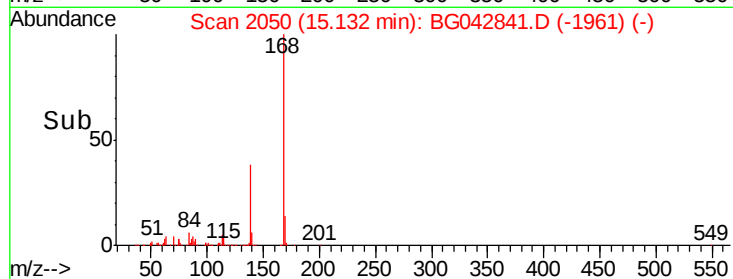
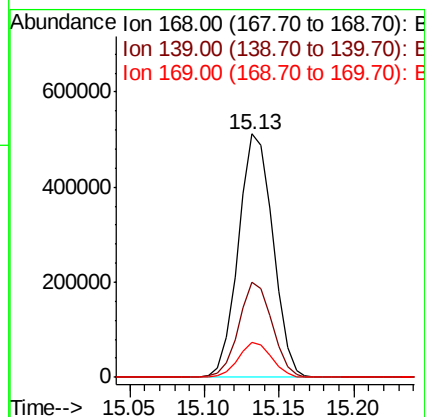
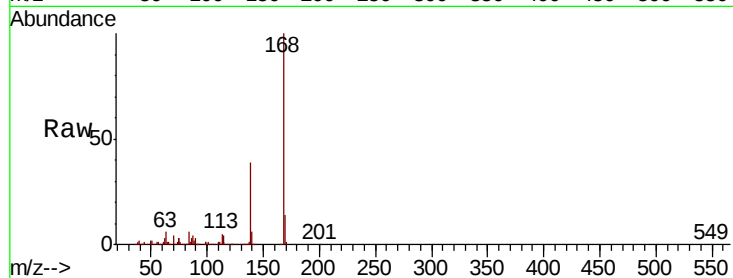




#55
Dibenzofuran
Concen: 40.874 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG042841.D
Acq: 16 Sep 2019 8:57

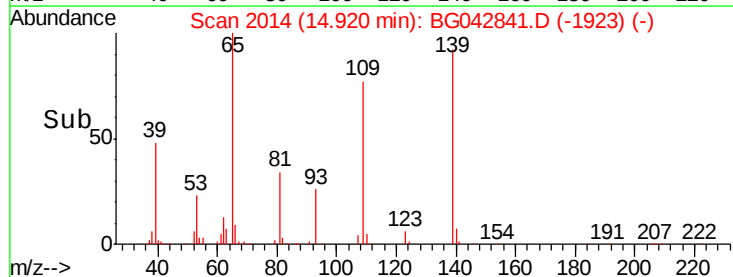
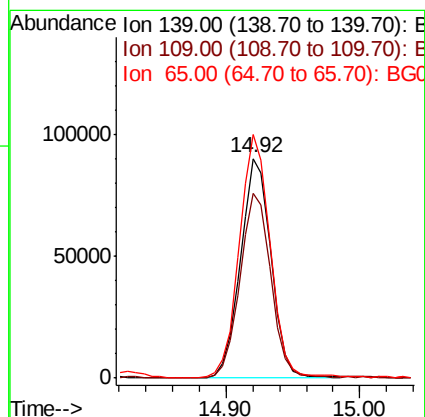
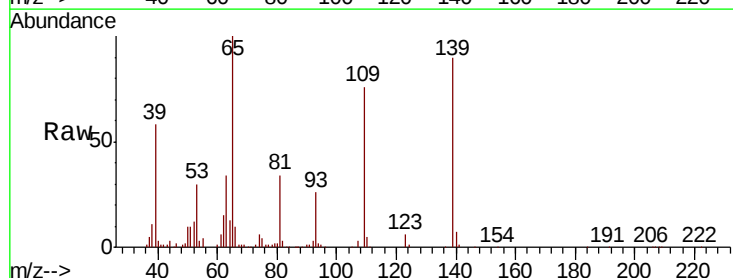
Instrument :
BNA_G
ClientSampleId :

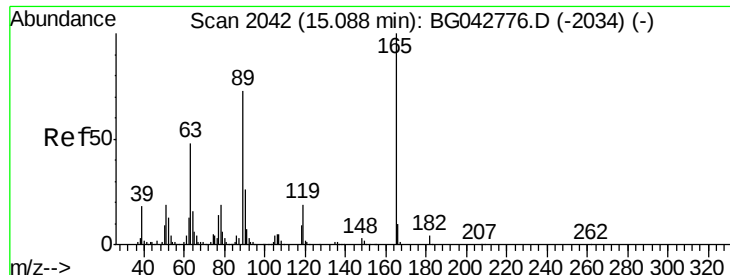
Tot Ion:168 Resp: 819521
Ion Ratio Lower Upper
168 100
139 39.1 30.2 45.4
169 14.5 11.2 16.8



#56
4-Nitrophenol
Concen: 45.848 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BG042841.D
Acq: 16 Sep 2019 8:57

Tgt Ion:139 Resp: 142682
Ion Ratio Lower Upper
139 100
109 84.1 69.4 109.4
65 111.0 102.5 142.5

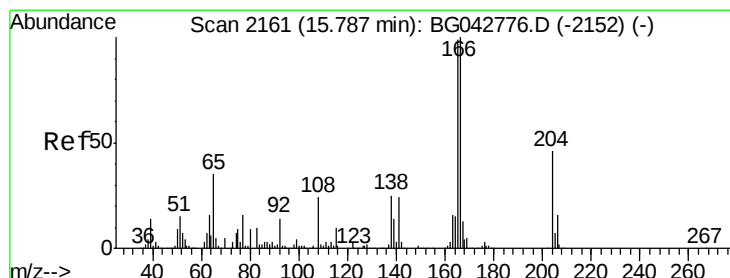
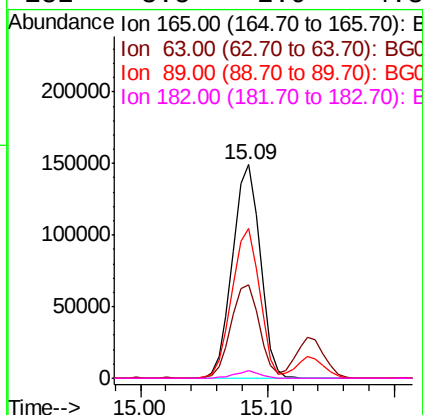
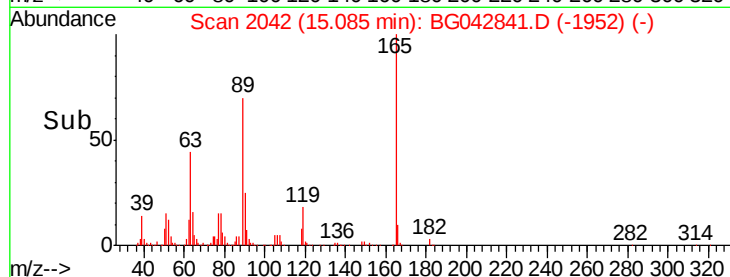
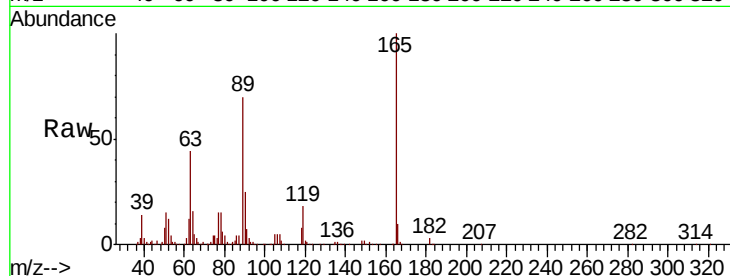




#57
2,4-Dinitrotoluene
Concen: 47.241 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BG042841.D
Acq: 16 Sep 2019 8:57

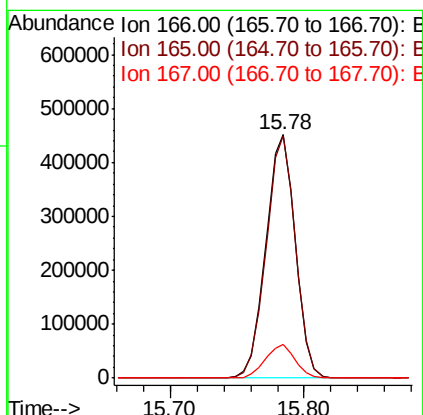
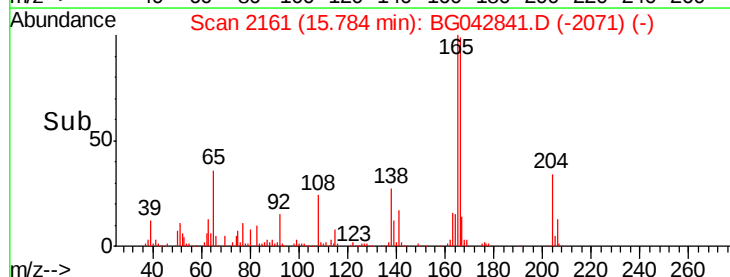
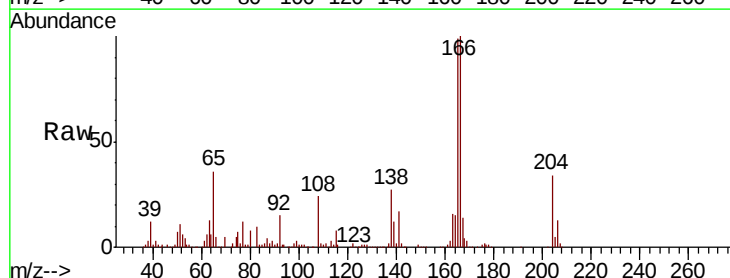
Instrument :
BNA_G
ClientSampleId :

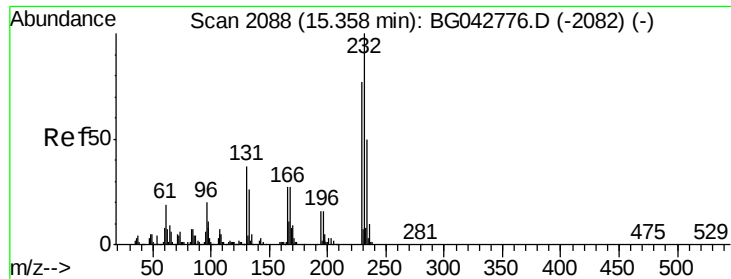
Tot Ion	Ratio	Lower	Upper
165	100		
63	43.9	38.3	57.5
89	70.1	58.4	87.6
182	3.5	2.9	4.3



#58
Fluorene
Concen: 41.650 ng
RT: 15.78 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BG042841.D
Acq: 16 Sep 2019 8:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.1	118.7
167	14.1	10.7	16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.941 ng

RT: 15.36 min Scan# 2088

Delta R.T. -0.00 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 213750

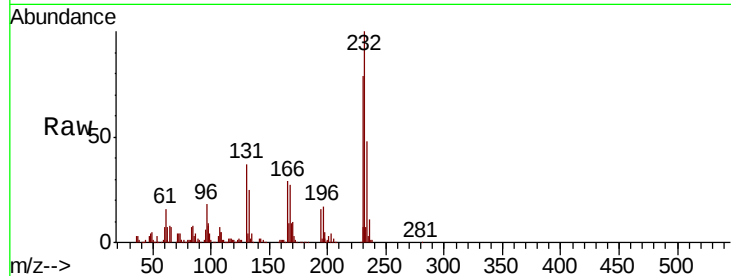
Ion Ratio Lower Upper

232 100

131 37.6 31.1 46.7

130 2.0 1.8 2.6

166 27.9 21.7 32.5

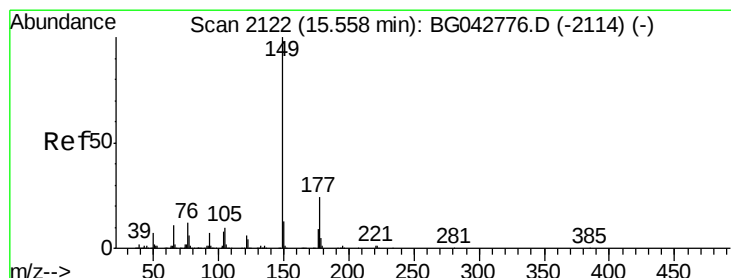
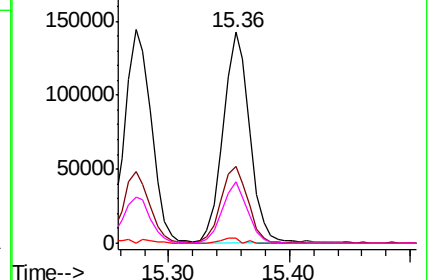
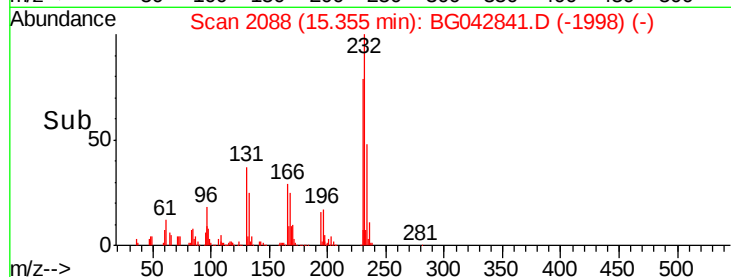


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 42.421 ng

RT: 15.55 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

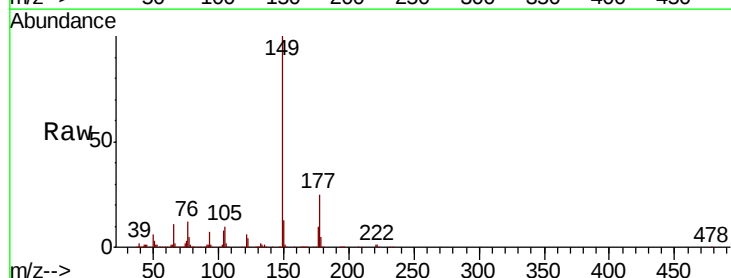
Tgt Ion:149 Resp: 752613

Ion Ratio Lower Upper

149 100

177 24.9 19.4 29.0

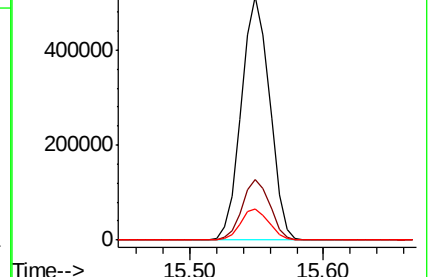
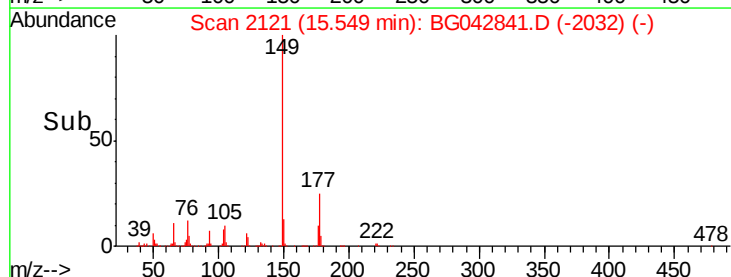
150 13.0 10.2 15.4

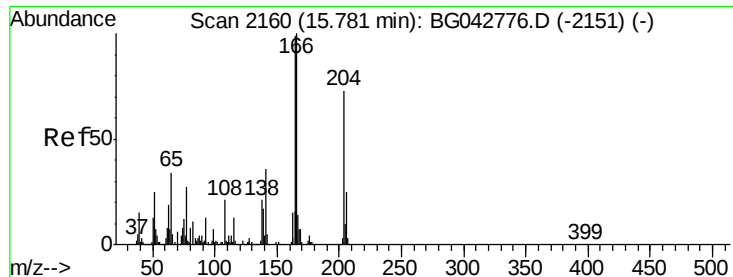


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

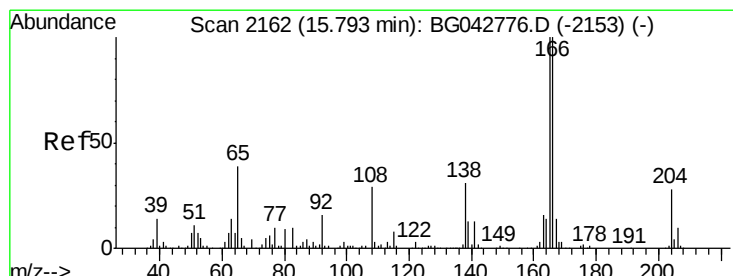
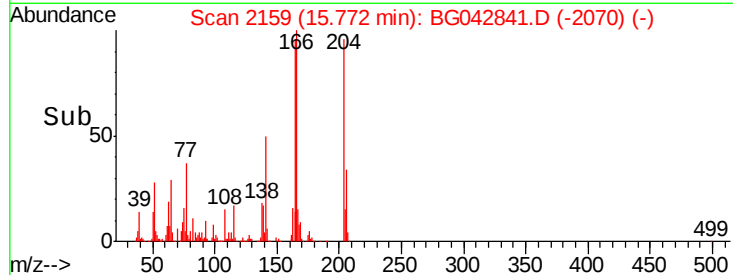
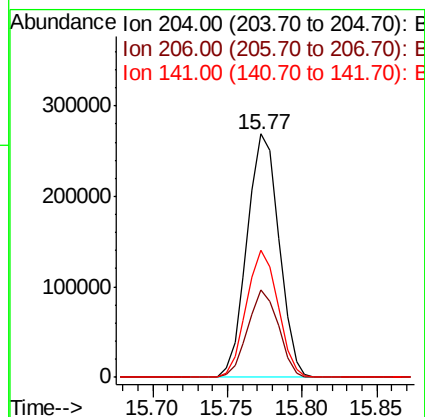
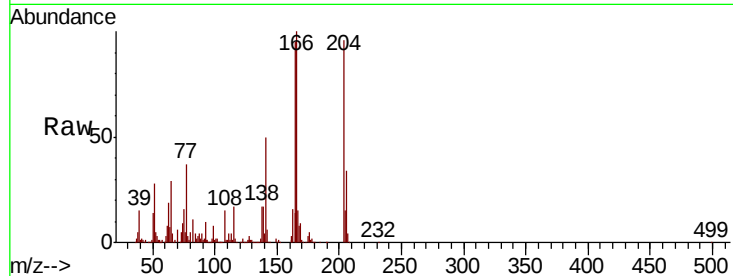




#61
4-Chlorophenyl-phenylether
Concen: 40.542 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG042841.D
Acq: 16 Sep 2019 8:57

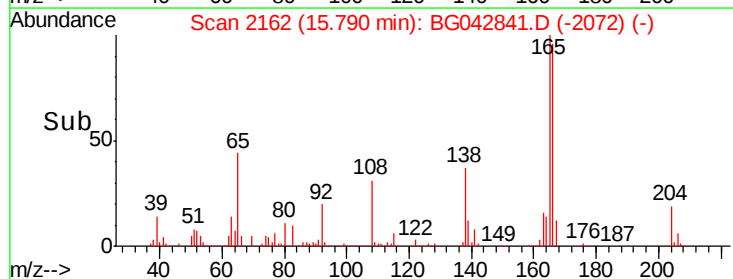
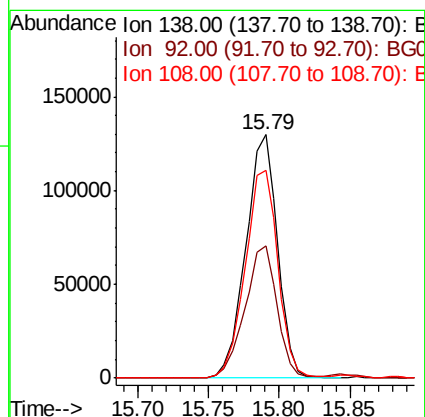
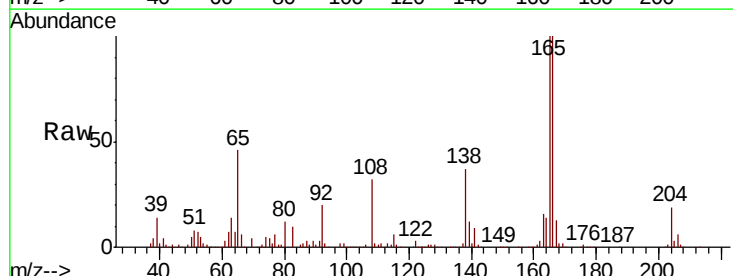
Instrument :
BNA_G
ClientSampled :

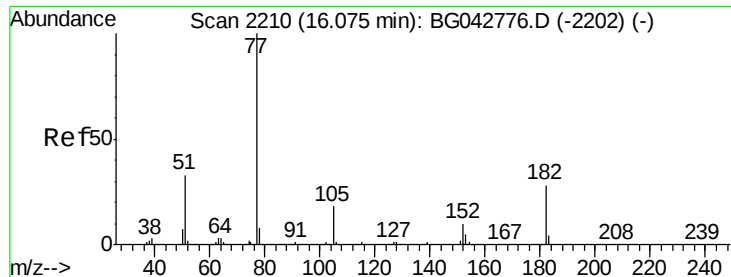
Tot Ion:204 Resp: 398316
Ion Ratio Lower Upper
204 100
206 35.9 27.6 41.4
141 52.1 39.8 59.6



#62
4-Nitroaniline
Concen: 47.160 ng
RT: 15.79 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BG042841.D
Acq: 16 Sep 2019 8:57

Tgt Ion:138 Resp: 204606
Ion Ratio Lower Upper
138 100
92 54.2 31.4 71.4
108 85.6 74.8 114.8





#63

Azobenzene

Concen: 41.214 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 704119

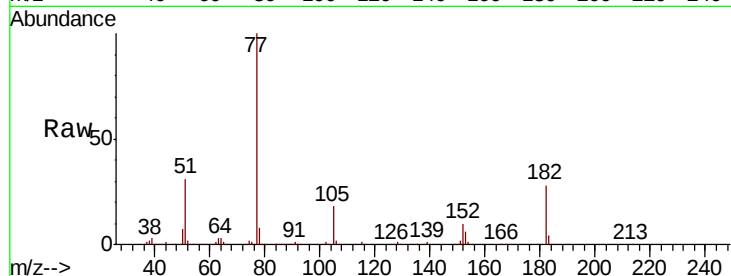
Ion Ratio Lower Upper

77 100

182 28.3 8.1 48.1

105 18.0 0.0 38.1

51 31.5 12.9 52.9

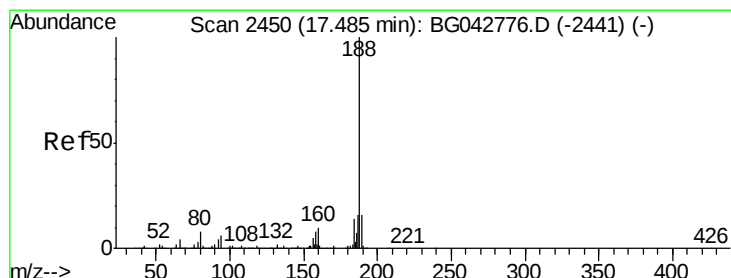
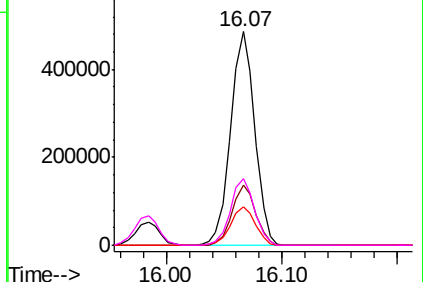
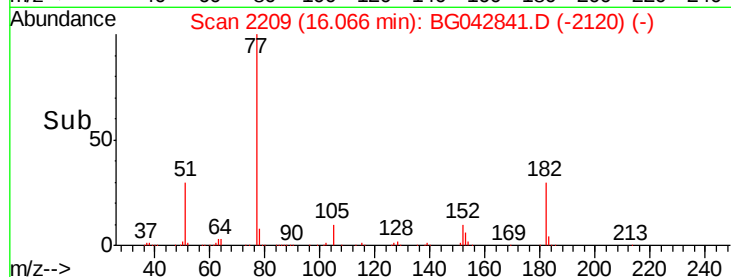


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.48 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

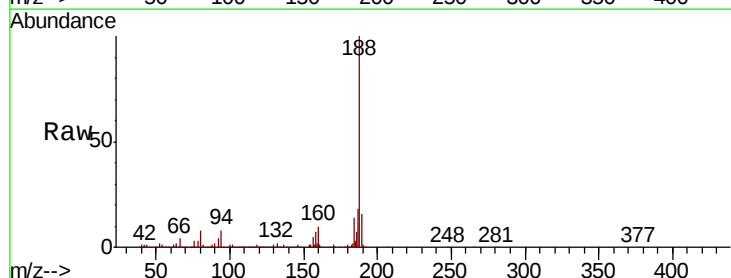
Tgt Ion: 188 Resp: 601269

Ion Ratio Lower Upper

188 100

94 7.9 4.8 7.2#

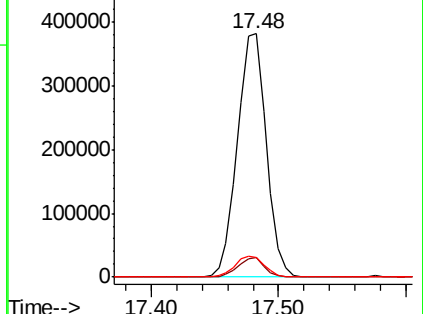
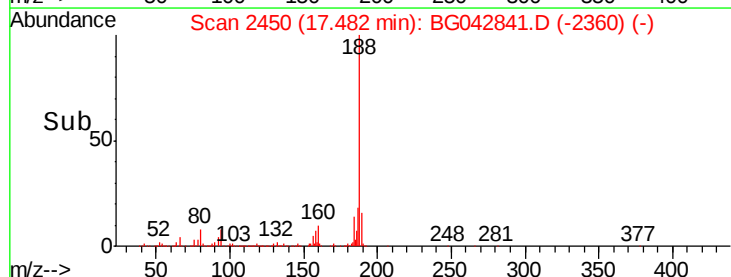
80 8.3 6.6 9.8

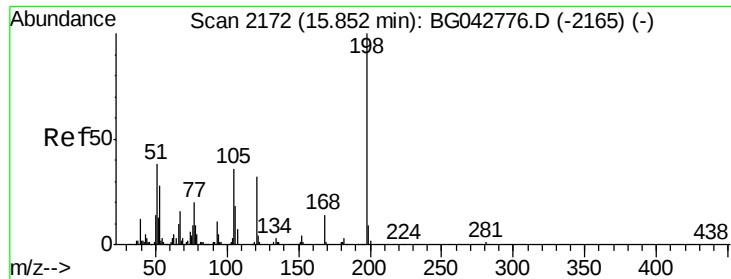


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

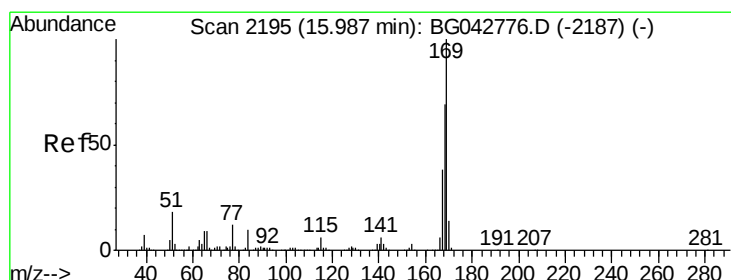
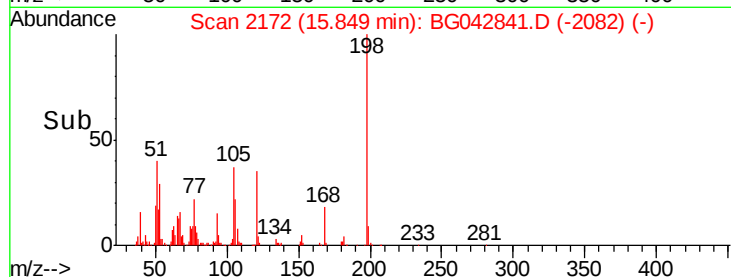
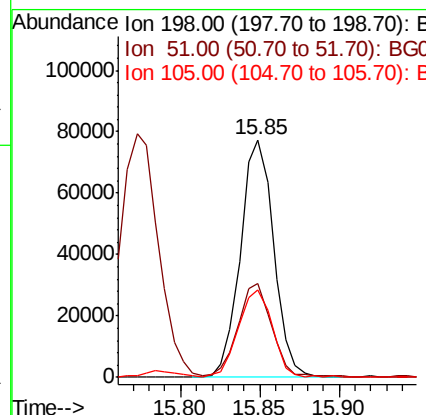
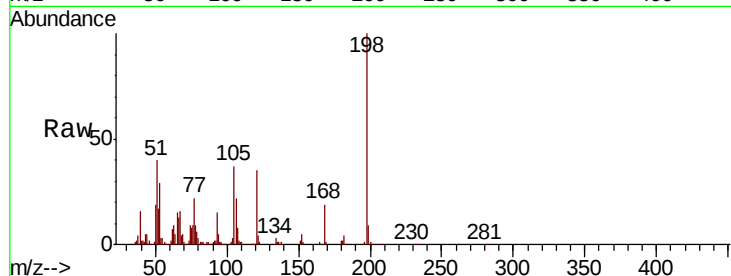




#65
4,6-Dinitro-2-methylphenol
Concen: 43.871 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG042841.D
Acq: 16 Sep 2019 8:57

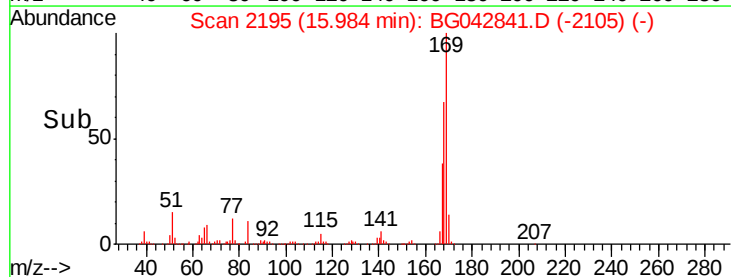
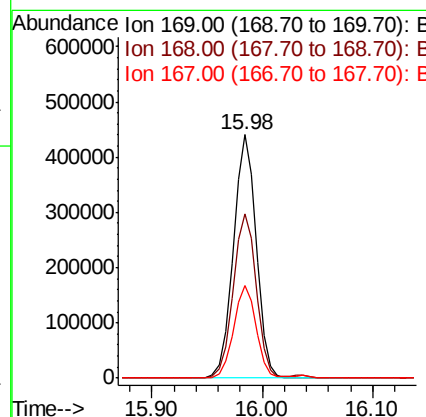
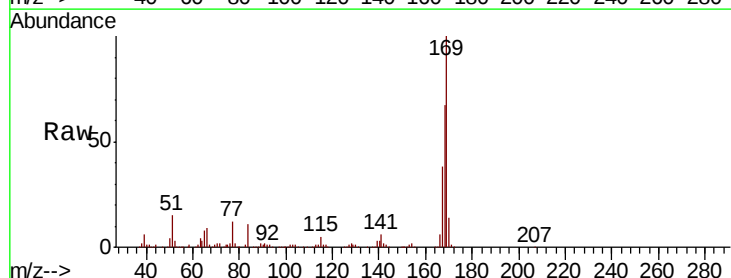
Instrument :
BNA_G
ClientSampleId :

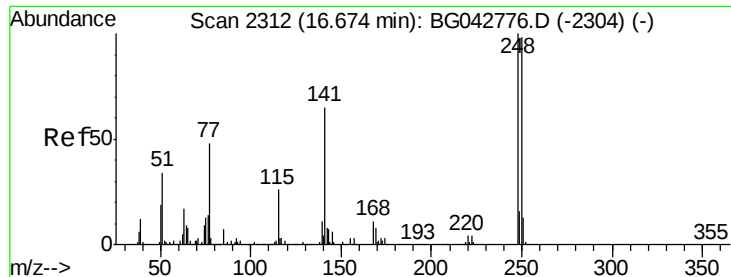
Tot Ion	Ratio	Lower	Upper
198	100		
51	39.7	20.9	60.9
105	36.8	16.4	56.4



#66
n-Nitrosodiphenylamine
Concen: 39.452 ng
RT: 15.98 min Scan# 2195
Delta R.T. -0.00 min
Lab File: BG042841.D
Acq: 16 Sep 2019 8:57

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.5	55.4	83.2
167	38.2	30.4	45.6

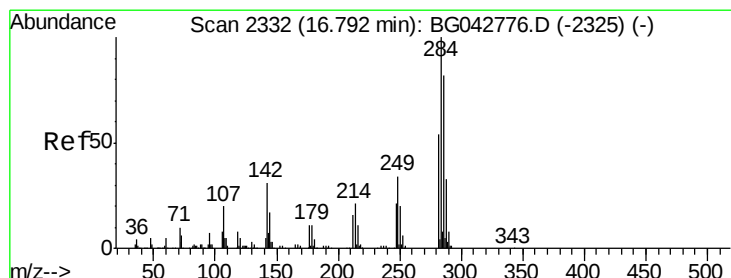
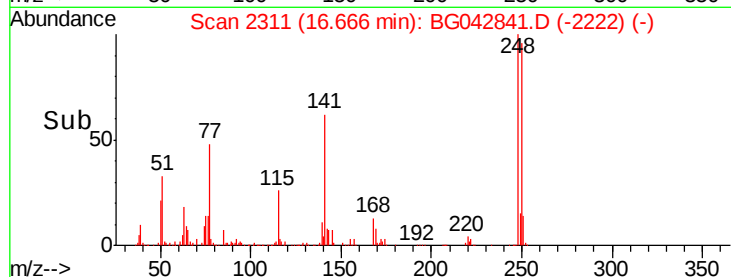
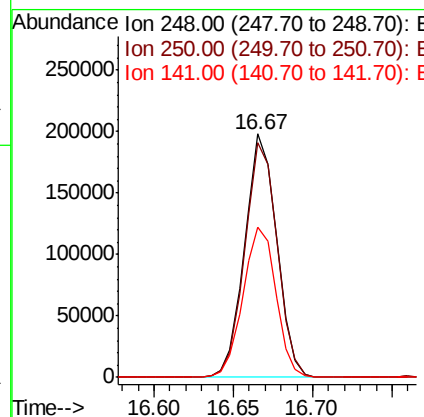
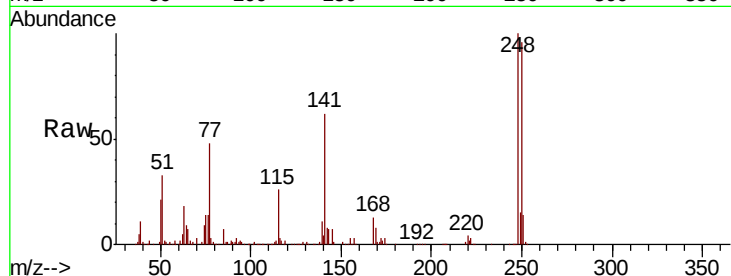




#67
4-Bromophenyl-phenylether
Concen: 38.200 ng
RT: 16.67 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG042841.D
Acq: 16 Sep 2019 8:57

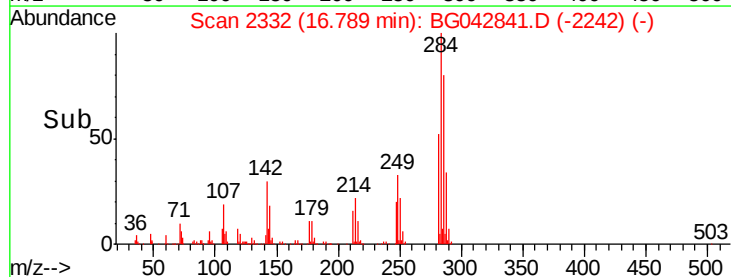
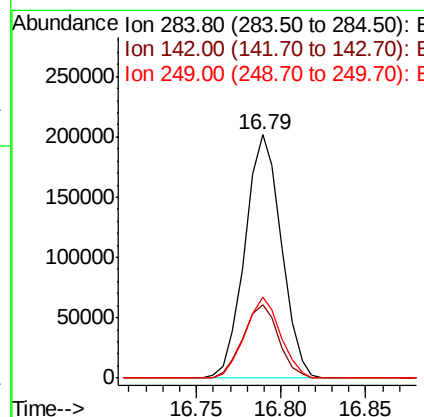
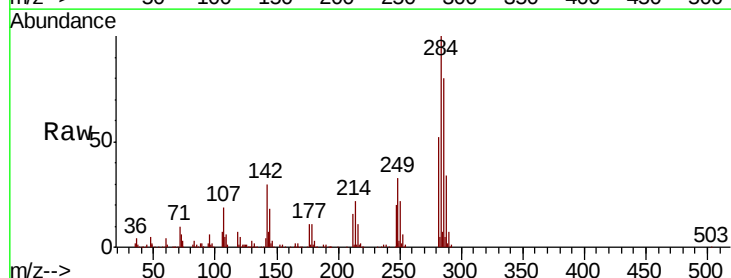
Instrument :
BNA_G
ClientSampled :

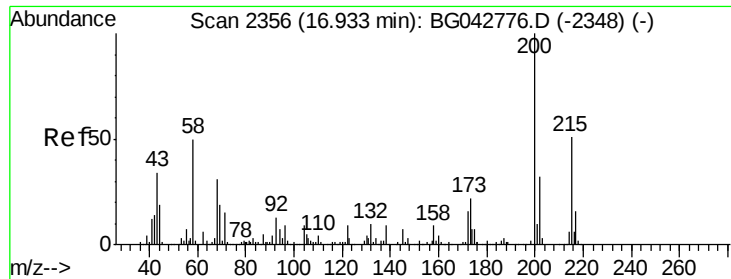
Tot Ion:248 Resp: 278004
Ion Ratio Lower Upper
248 100
250 96.4 78.0 117.0
141 61.6 51.8 77.6



#68
Hexachlorobenzene
Concen: 38.870 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.00 min
Lab File: BG042841.D
Acq: 16 Sep 2019 8:57

Tgt Ion:284 Resp: 302269
Ion Ratio Lower Upper
284 100
142 30.2 24.7 37.1
249 33.2 27.0 40.4





#69

Atrazine

Concen: 35.433 ng

RT: 16.93 min Scan# 2356

Delta R.T. -0.00 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

Instrument :

BNA_G

ClientSampleId :

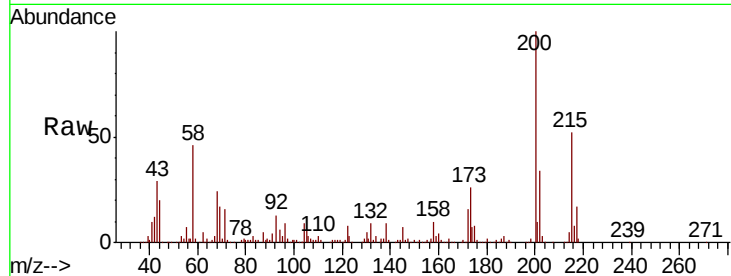
Tot Ion:200 Resp: 199642

Ion Ratio Lower Upper

200 100

173 25.6 2.5 42.5

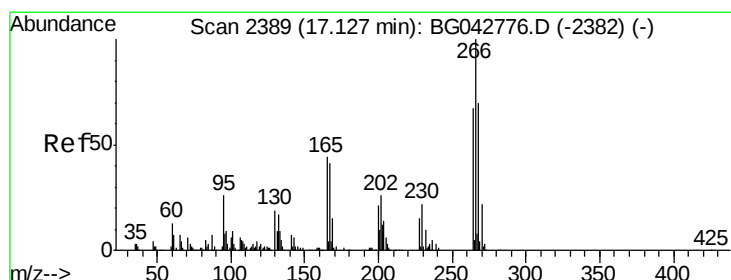
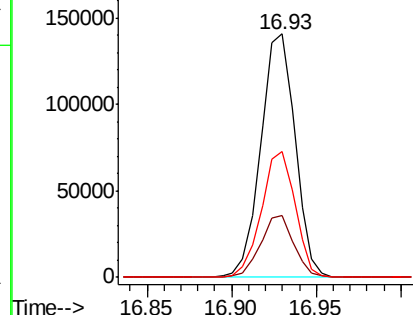
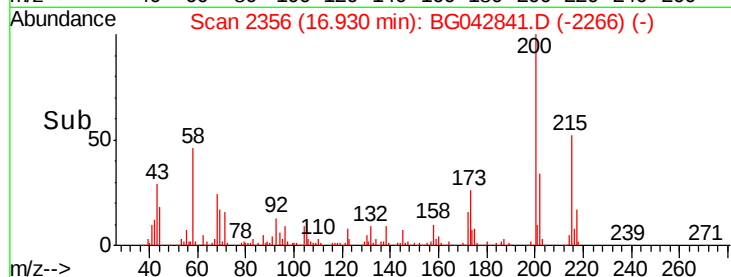
215 51.8 31.0 71.0



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: 40.077 ng

RT: 17.13 min Scan# 2390

Delta R.T. 0.00 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

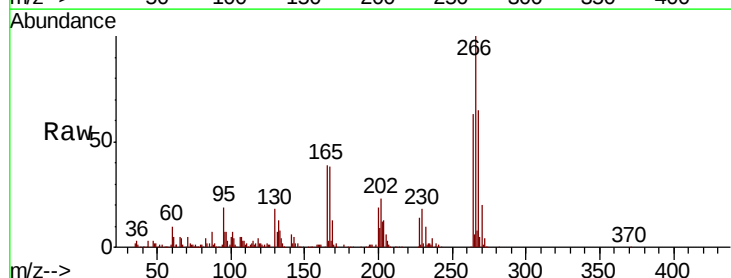
Tgt Ion:266 Resp: 184880

Ion Ratio Lower Upper

266 100

268 65.2 56.2 84.4

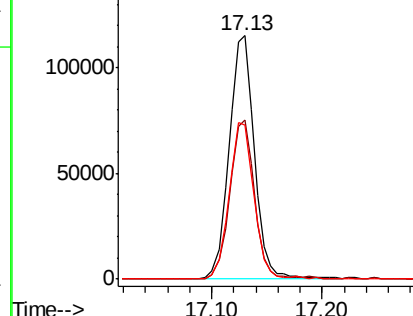
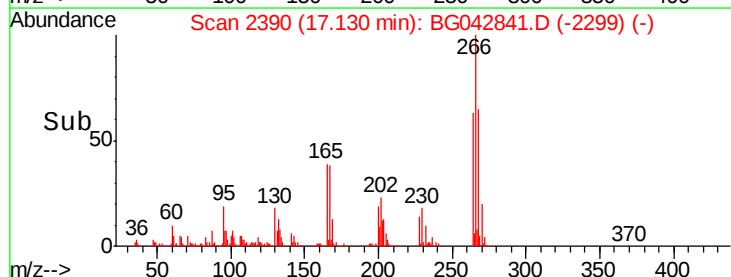
264 63.3 53.4 80.2

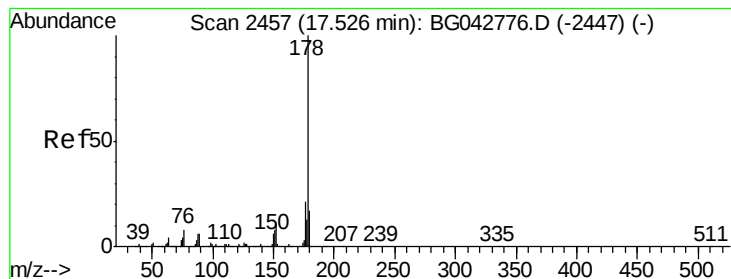


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.493 ng

RT: 17.52 min Scan# 2457

Delta R.T. -0.00 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

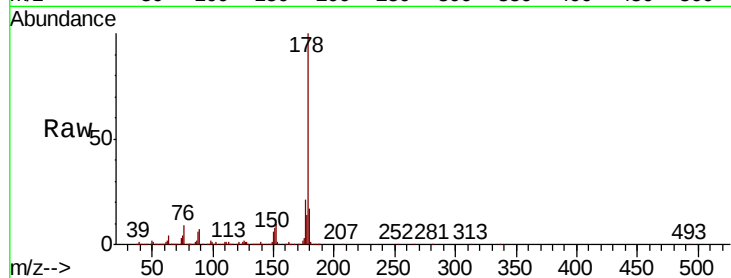
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 1164361

Ion	Ratio	Lower	Upper
178	100		
176	20.6	17.0	25.4
179	17.1	13.6	20.4

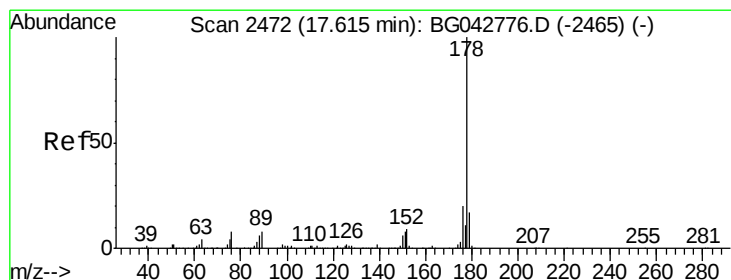
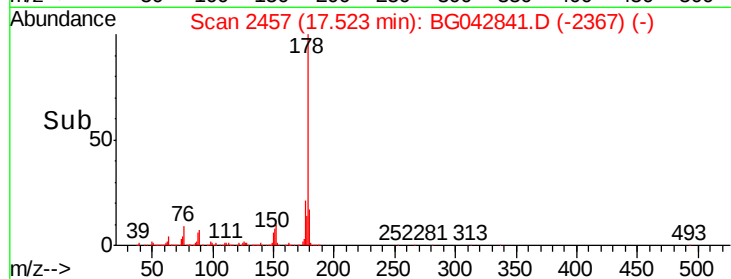
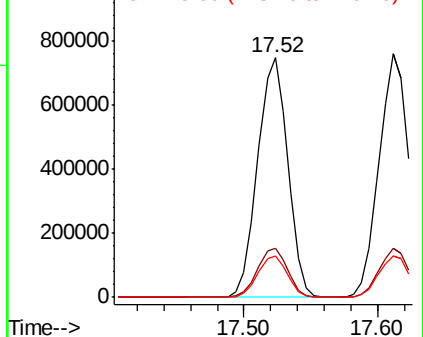


Abundance

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: 40.695 ng

RT: 17.61 min Scan# 2472

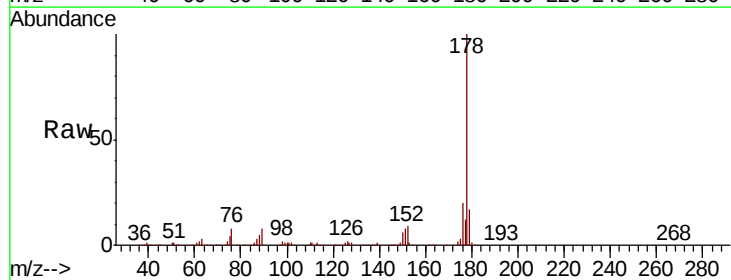
Delta R.T. -0.00 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

Tgt Ion:178 Resp: 1169067

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	16.8	13.6	20.4

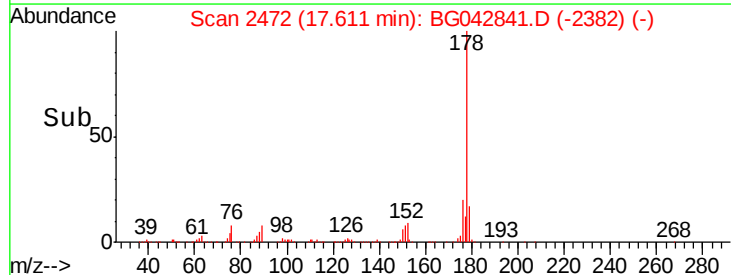
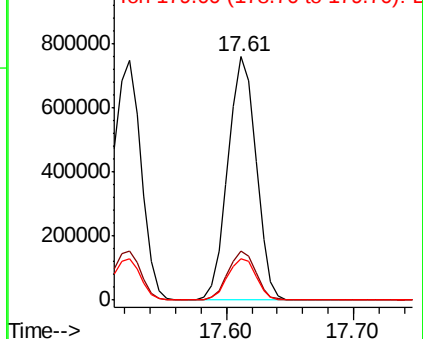


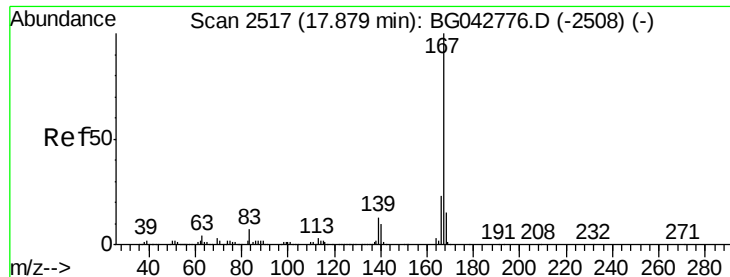
Abundance

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



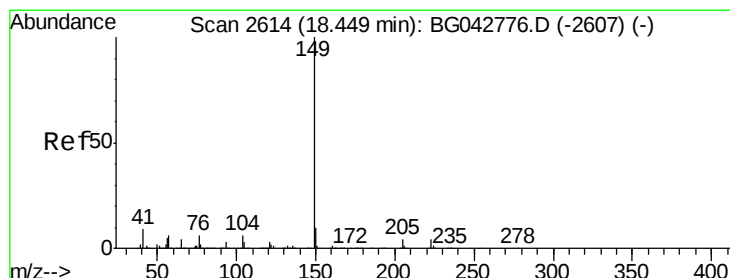
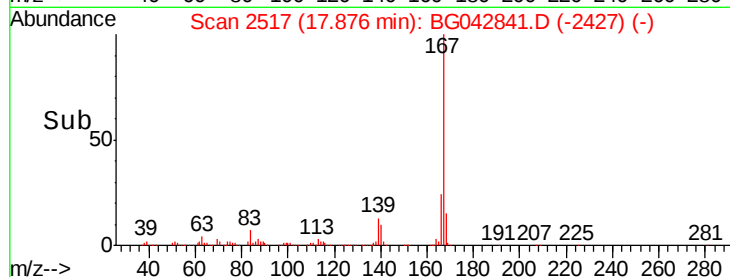
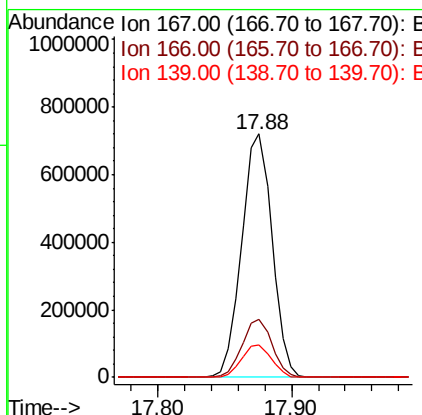
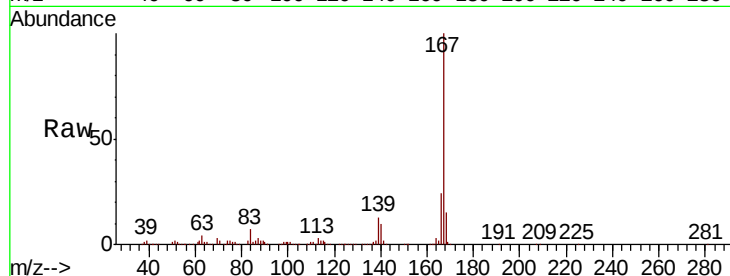


#73
 Carbazole
 Concen: 41.404 ng
 RT: 17.88 min Scan# 2517
 Delta R.T. -0.00 min
 Lab File: BG042841.D
 Acq: 16 Sep 2019 8:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 1130506

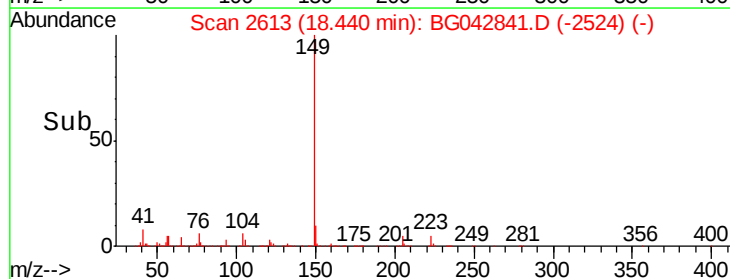
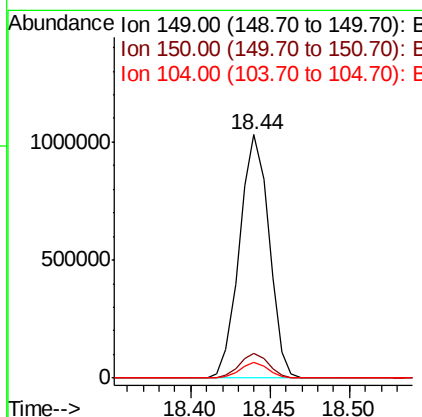
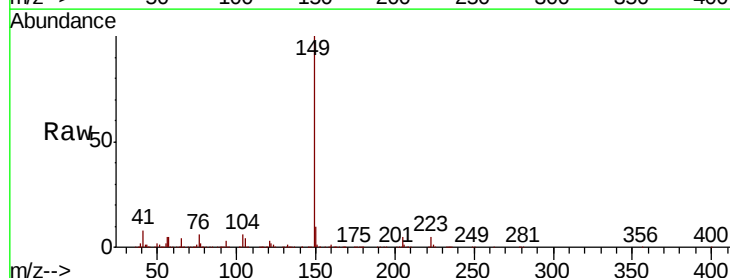
Ion	Ratio	Lower	Upper
167	100		
166	23.6	18.3	27.5
139	13.2	10.2	15.4

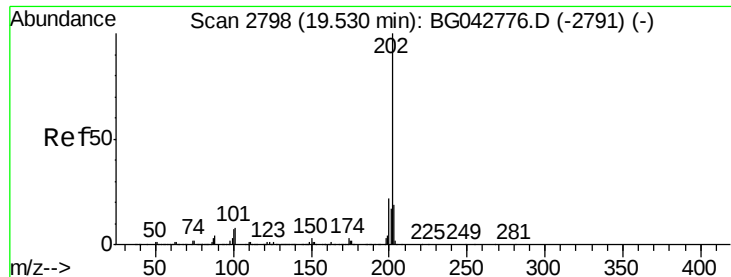


#74
 Di-n-butylphthalate
 Concen: 40.783 ng
 RT: 18.44 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BG042841.D
 Acq: 16 Sep 2019 8:57

Tgt Ion:149 Resp: 1333940

Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.0	12.0
104	6.4	5.1	7.7





#75

Fluoranthene

Concen: 40.940 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

Instrument :

BNA_G

ClientSampled :

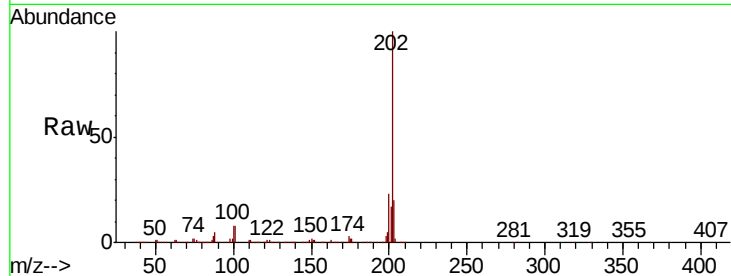
Tot Ion:202 Resp: 1525702

Ion Ratio Lower Upper

202 100

101 8.4 0.0 27.8

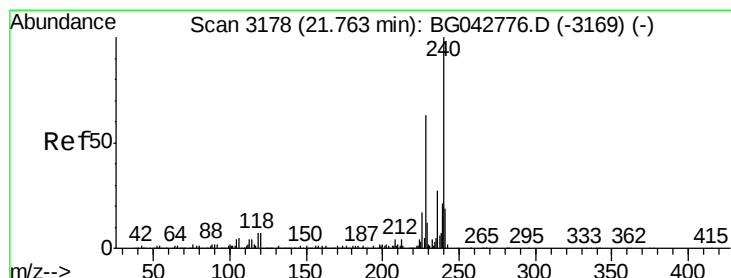
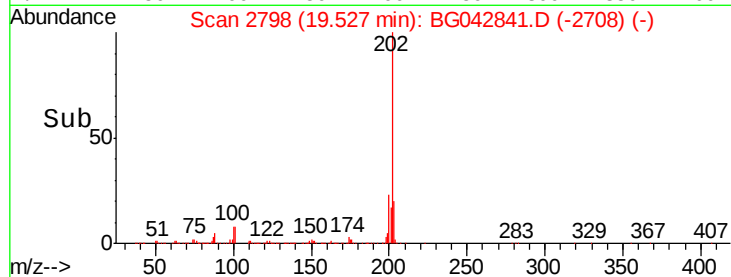
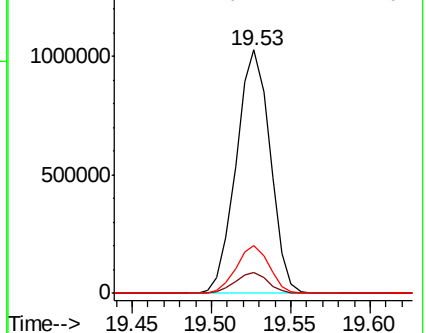
203 19.7 0.0 39.1



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: 21.76 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

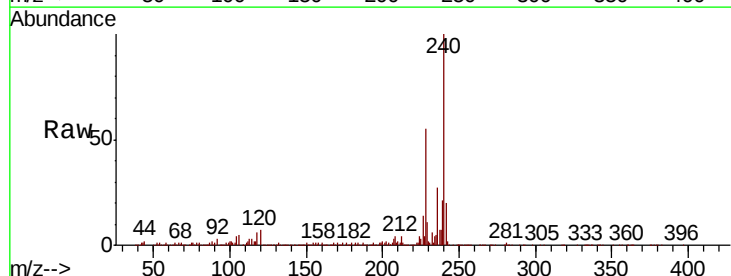
Tgt Ion:240 Resp: 585010

Ion Ratio Lower Upper

240 100

120 6.6 5.4 8.2

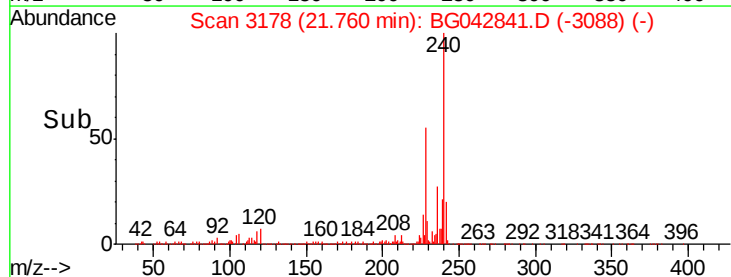
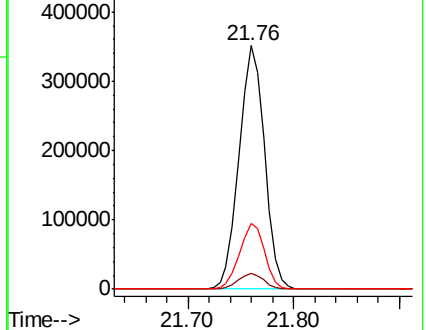
236 27.1 21.7 32.5

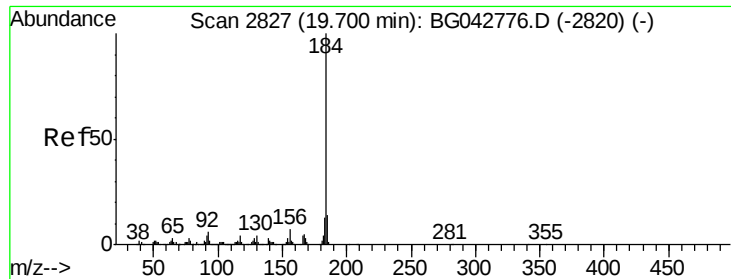


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.686 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.00 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

Instrument :

BNA_G

ClientSampleId :

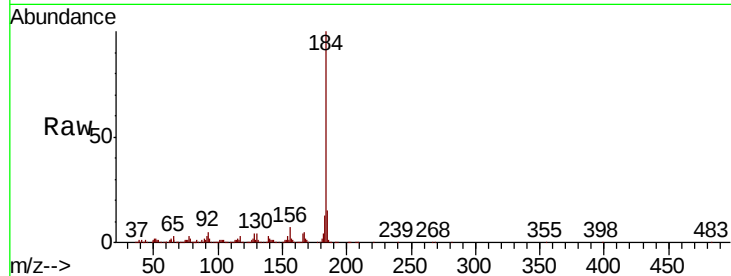
Tot Ion:184 Resp: 648644

Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.6	17.4
183	12.7	10.4	15.6

184 100

185 14.9 11.6 17.4

183 12.7 10.4 15.6

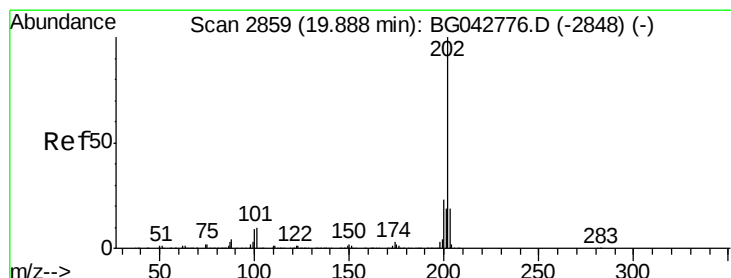
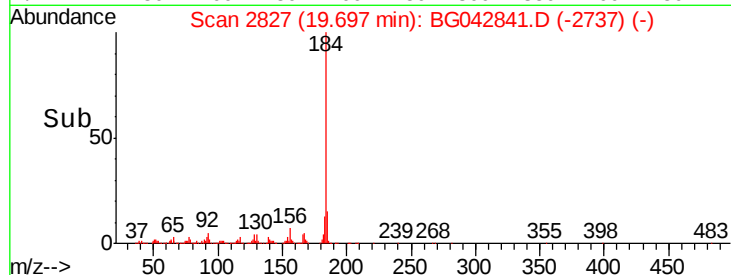
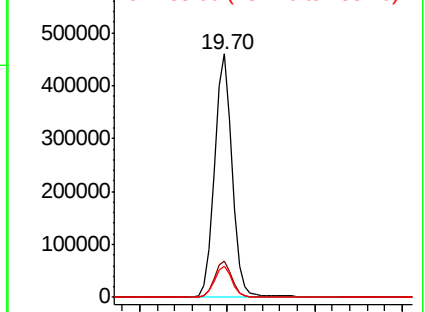


Abundance

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: 41.557 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

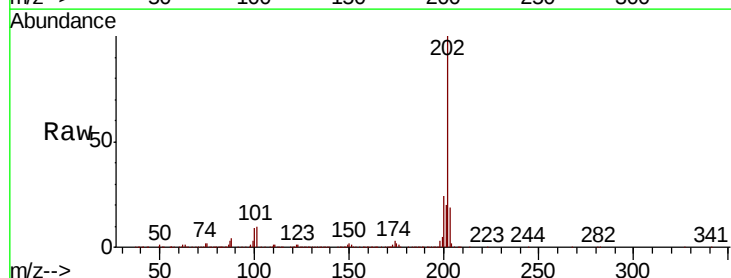
Tgt Ion:202 Resp: 1522062

Ion	Ratio	Lower	Upper
202	100		
200	23.6	18.5	27.7
203	19.5	15.3	22.9

202 100

200 23.6 18.5 27.7

203 19.5 15.3 22.9

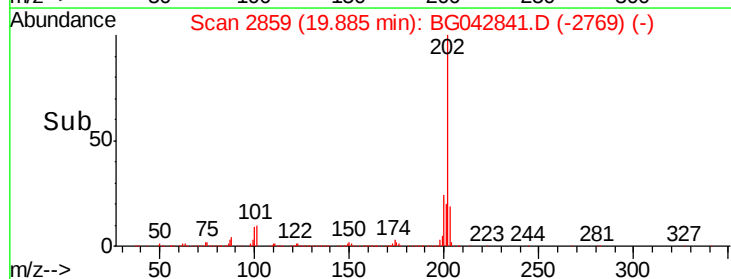
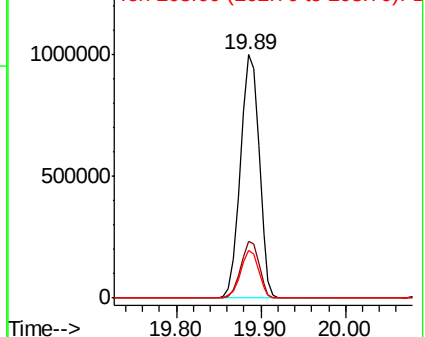


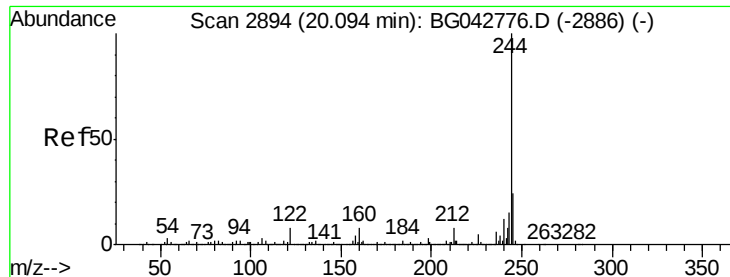
Abundance

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: 82.661 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

Instrument :

BNA_G

ClientSampleId :

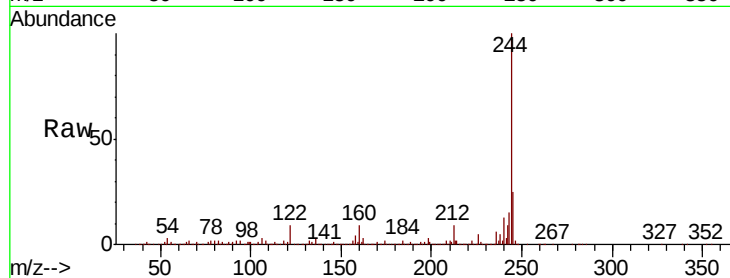
Tot Ion:244 Resp: 2181916

Ion Ratio Lower Upper

244 100

212 8.7 6.6 10.0

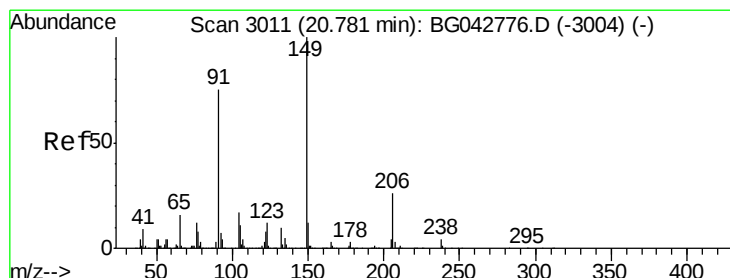
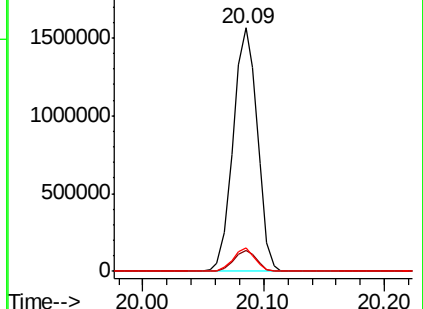
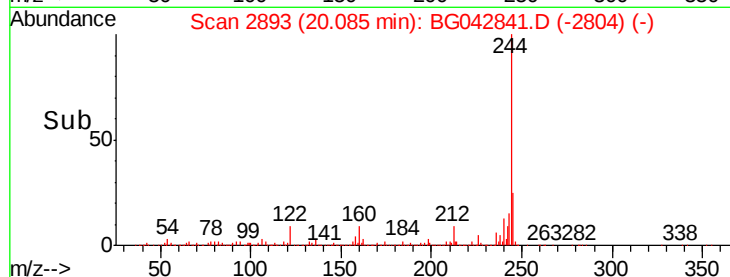
122 9.5 6.2 9.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.161 ng

RT: 20.77 min Scan# 3010

Delta R.T. -0.01 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

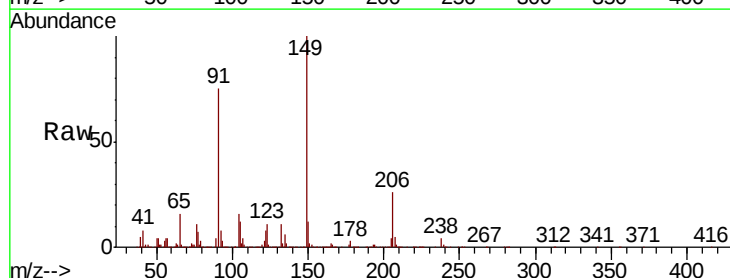
Tgt Ion:149 Resp: 610118

Ion Ratio Lower Upper

149 100

91 74.9 60.2 90.2

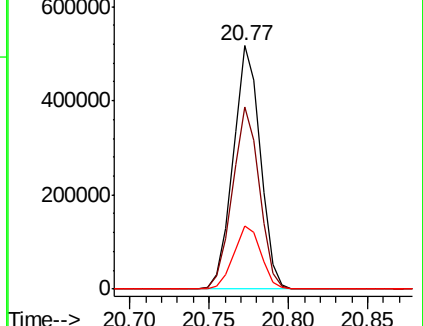
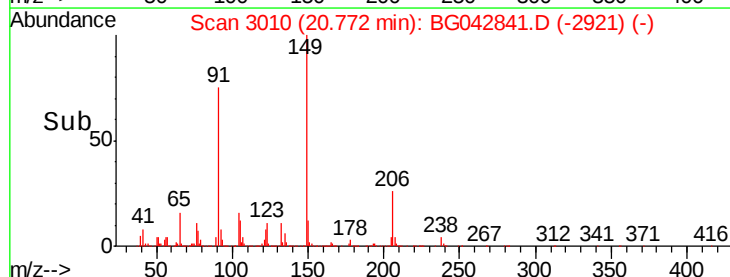
206 25.9 20.6 30.8

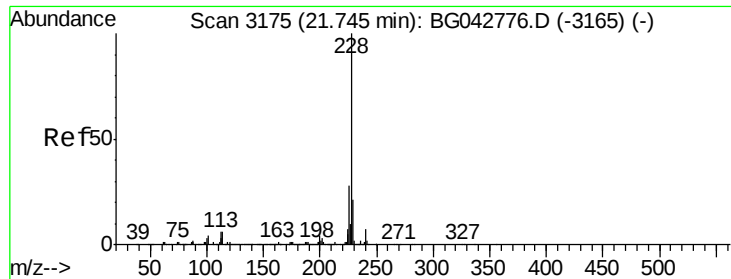


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.419 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.00 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

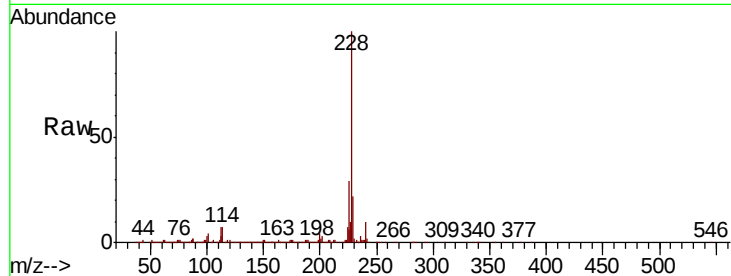
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1503414

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.5	33.7
229	22.1	17.2	25.8

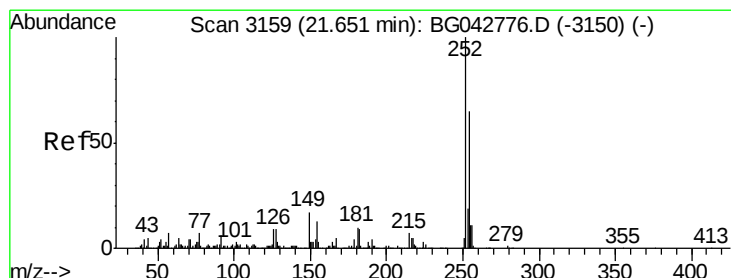
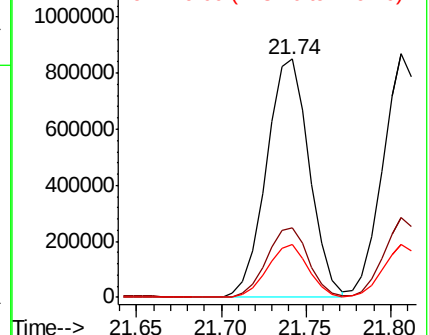
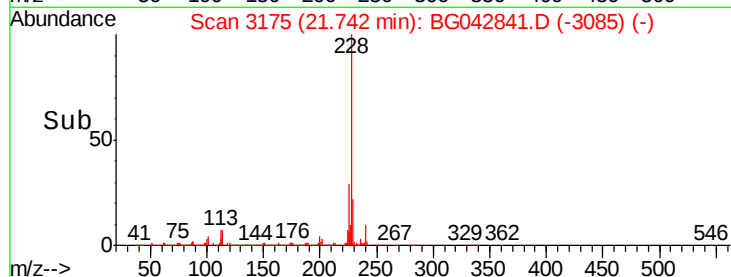


Abundance

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: 39.098 ng

RT: 21.65 min Scan# 3159

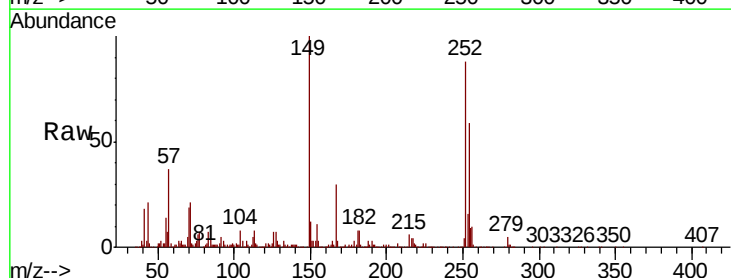
Delta R.T. -0.00 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

Tgt Ion:252 Resp: 565155

Ion	Ratio	Lower	Upper
252	100		
254	66.9	52.2	78.2
126	8.0	7.0	10.4

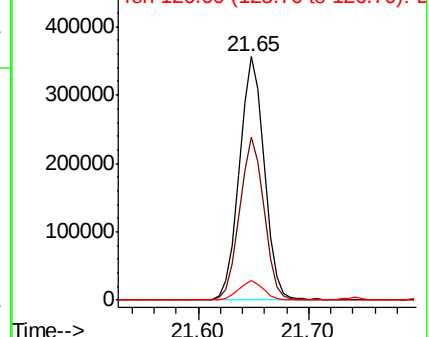
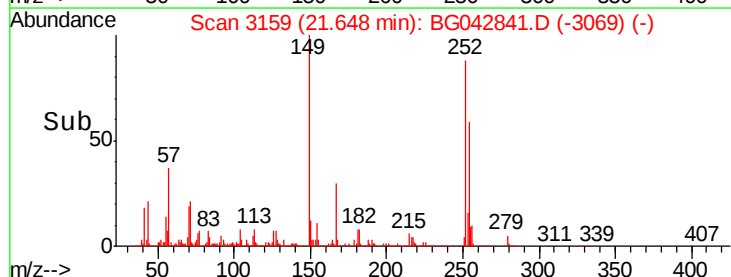


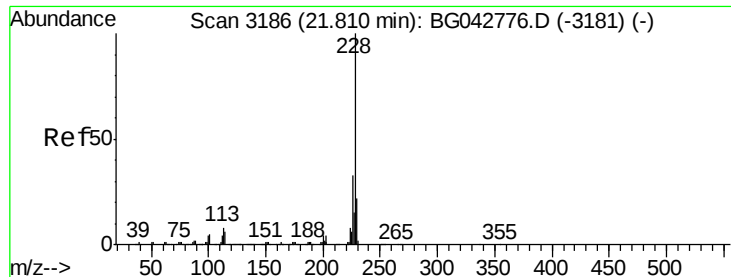
Abundance

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



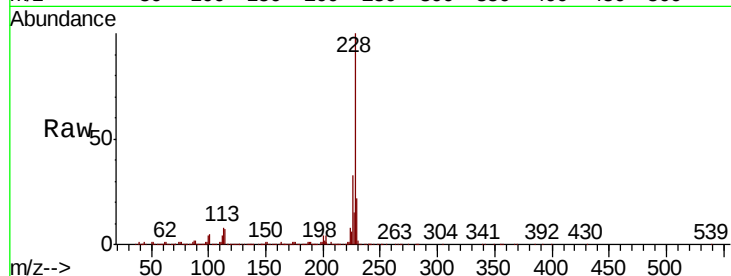


#83
Chrysene
Concen: 40.583 ng
RT: 21.81 min Scan# 3186
Delta R.T. -0.00 min
Lab File: BG042841.D
Acq: 16 Sep 2019 8:57

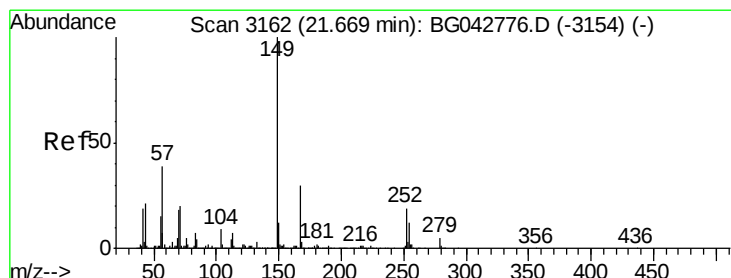
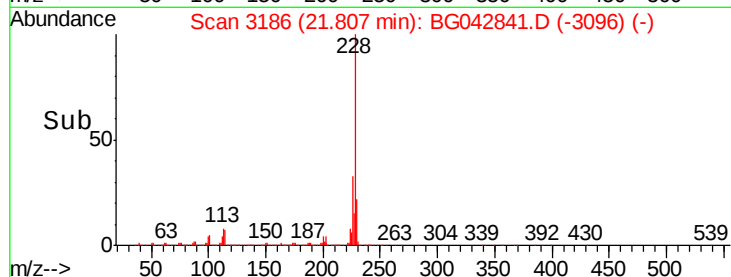
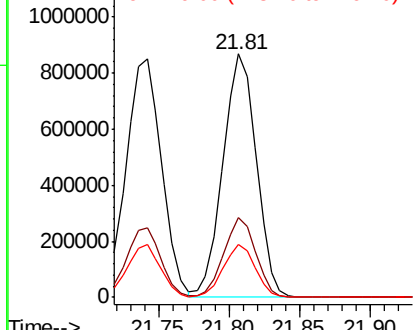
Instrument :
BNA_G
ClientSampled :

Tot Ion:228 Resp: 1429867

Ion	Ratio	Lower	Upper
228	100		
226	32.9	26.0	39.0
229	21.6	17.1	25.7



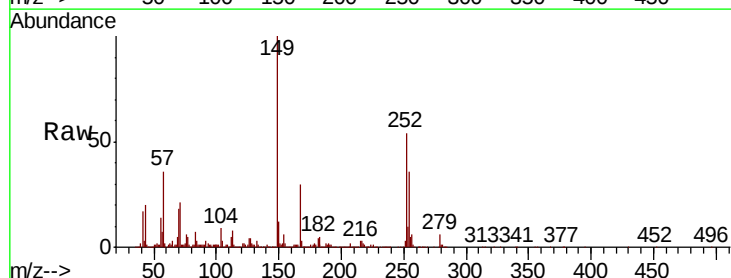
Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E



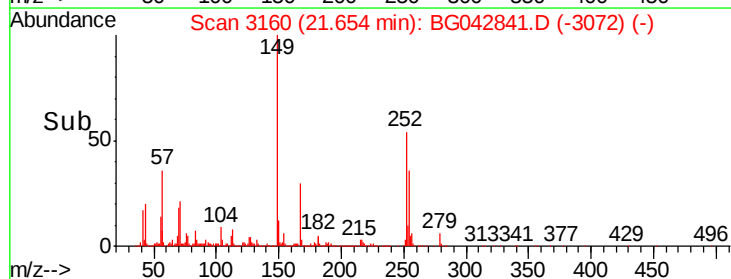
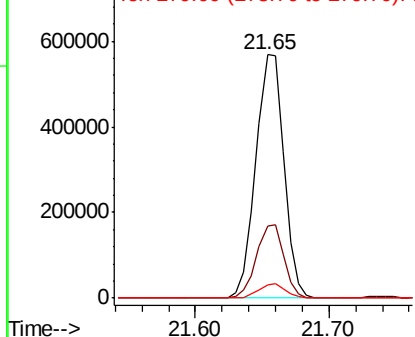
#84
Bis(2-ethylhexyl)phthalate
Concen: 40.585 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG042841.D
Acq: 16 Sep 2019 8:57

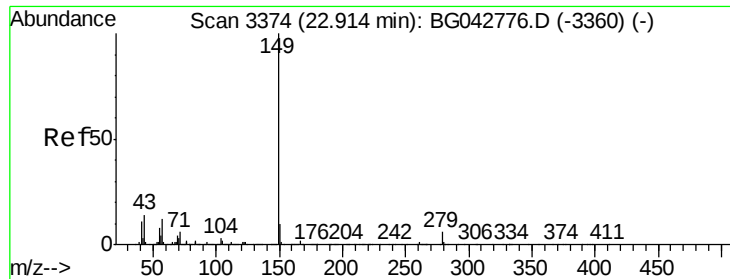
Tgt Ion:149 Resp: 821978

Ion	Ratio	Lower	Upper
149	100		
167	29.8	24.3	36.5
279	5.5	4.2	6.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.099 ng

RT: 22.89 min Scan# 3371

Delta R.T. -0.02 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

Instrument :

BNA_G

ClientSampleId :

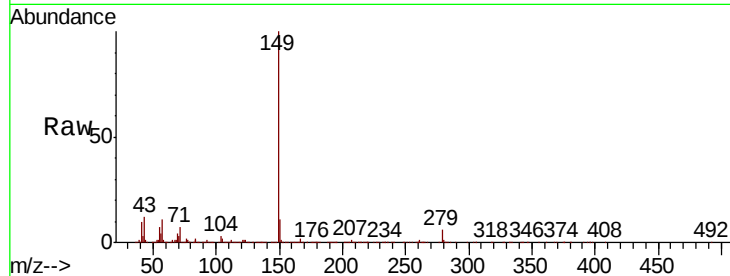
Tot Ion:149 Resp: 1384504

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

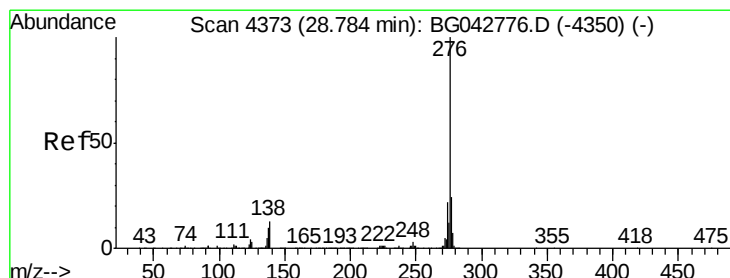
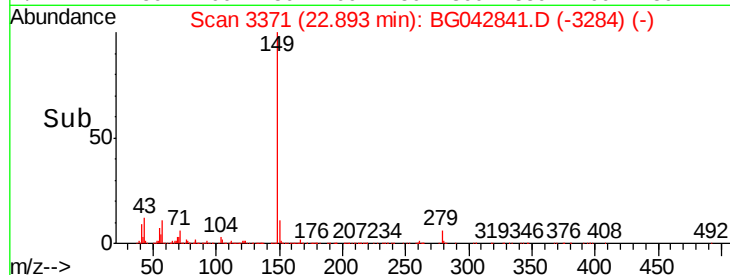
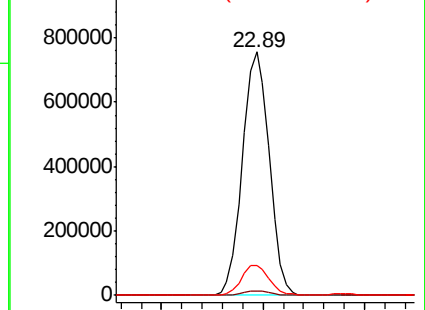
43 12.6 10.6 15.8



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: 39.197 ng

RT: 28.77 min Scan# 4371

Delta R.T. -0.01 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

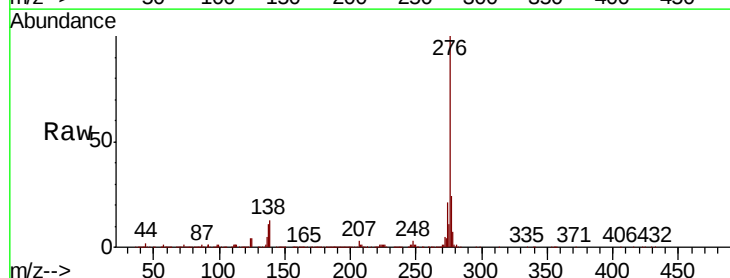
Tgt Ion:276 Resp: 1710239

Ion Ratio Lower Upper

276 100

138 12.4 9.3 13.9

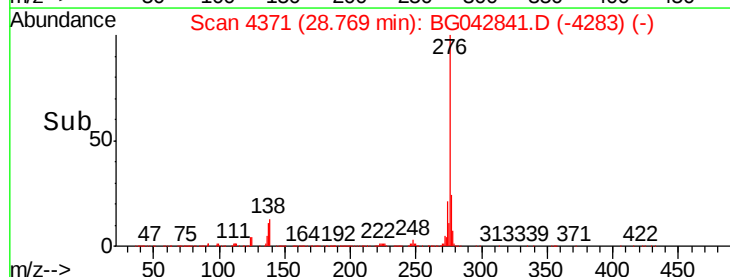
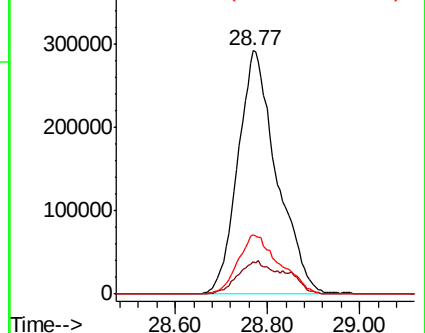
277 26.1 17.2 25.8#

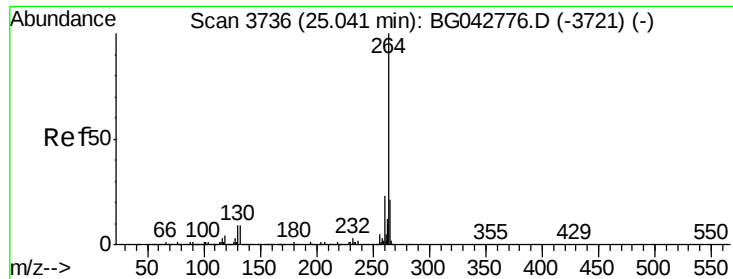


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

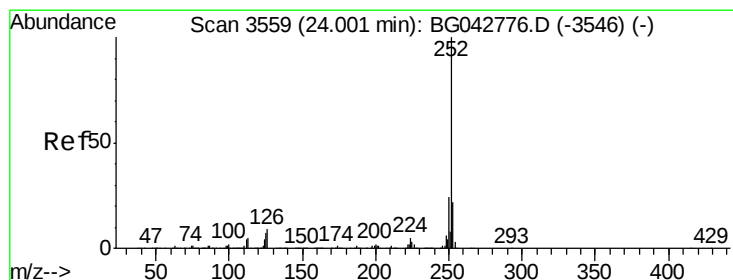
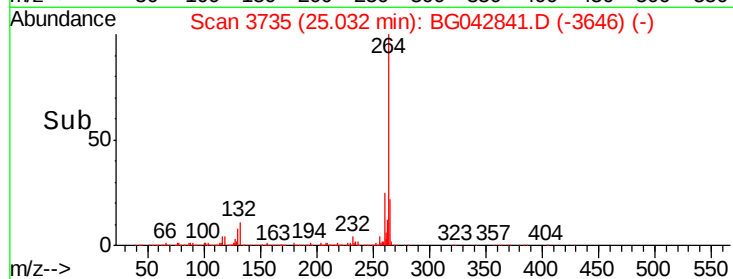
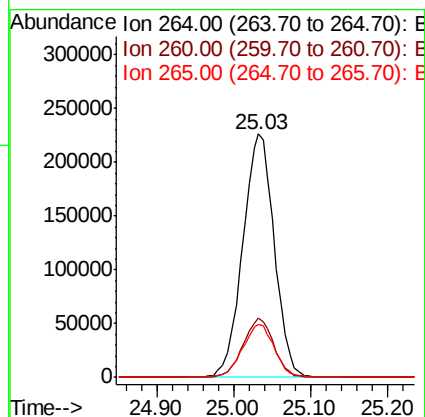
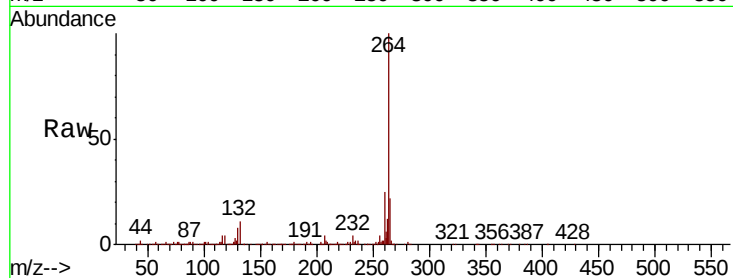




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.03 min Scan# 3735
 Delta R.T. -0.01 min
 Lab File: BG042841.D
 Acq: 16 Sep 2019 8:57

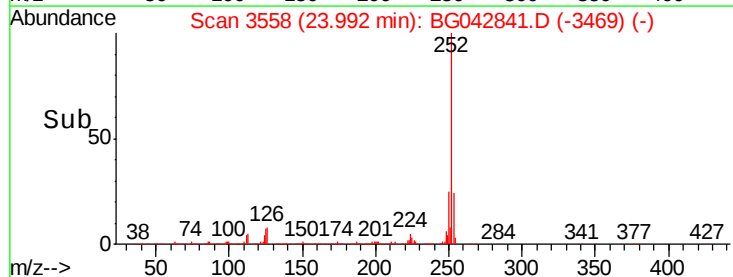
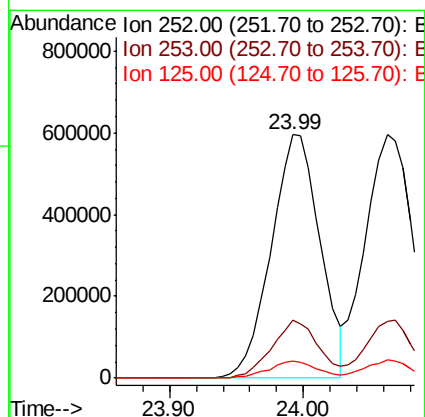
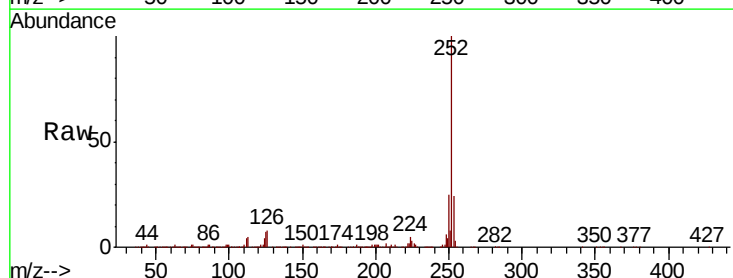
Instrument :
 BNA_G
 ClientSampleId :

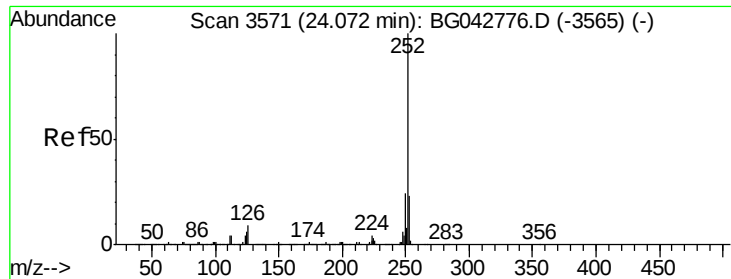
Tot Ion:264 Resp: 646149
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.2 27.2
 265 21.7 16.9 25.3



#88
 Benzo(b)fluoranthene
 Concen: 39.832 ng
 RT: 23.99 min Scan# 3558
 Delta R.T. -0.01 min
 Lab File: BG042841.D
 Acq: 16 Sep 2019 8:57

Tgt Ion:252 Resp: 1511245
 Ion Ratio Lower Upper
 252 100
 253 23.7 17.9 26.9
 125 6.9 5.6 8.4

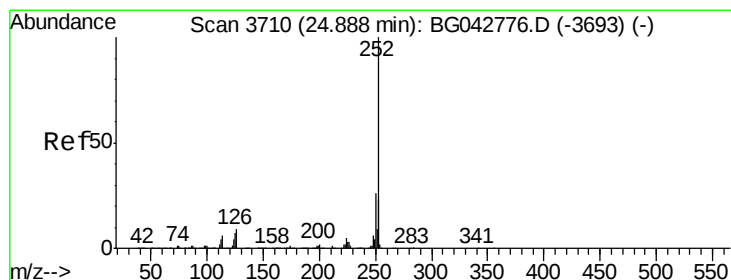
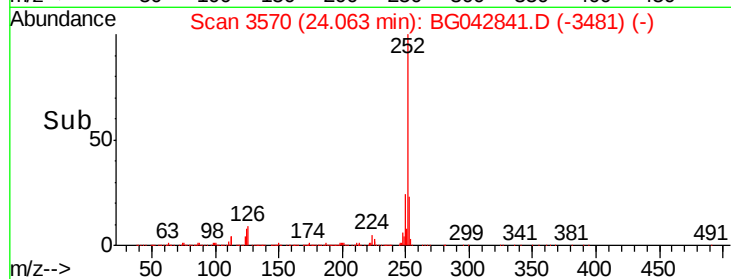
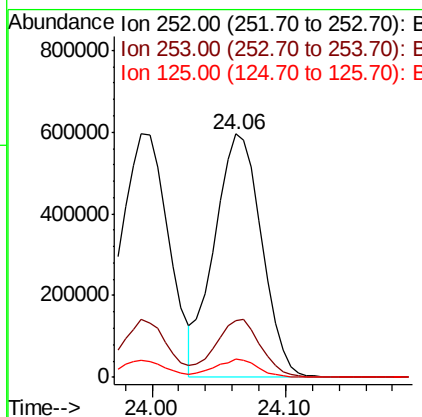
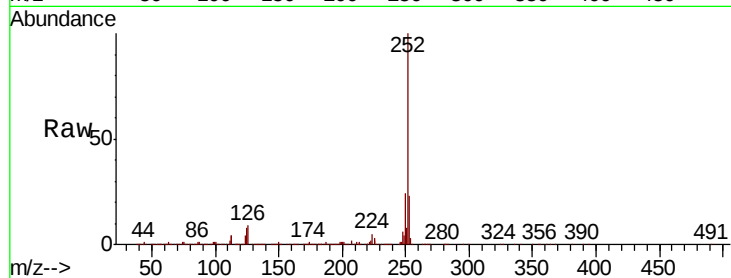




#89
Benzo(k)fluoranthene
Concen: 40.853 ng
RT: 24.06 min Scan# 3570
Delta R.T. -0.01 min
Lab File: BG042841.D
Acq: 16 Sep 2019 8:57

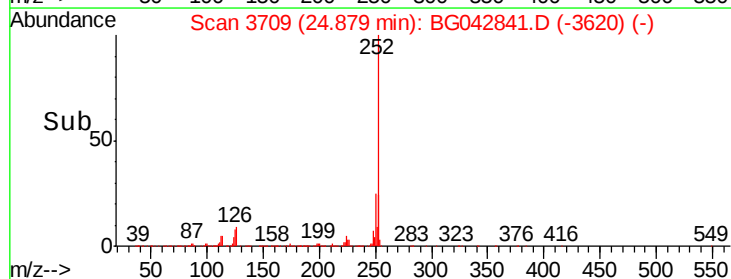
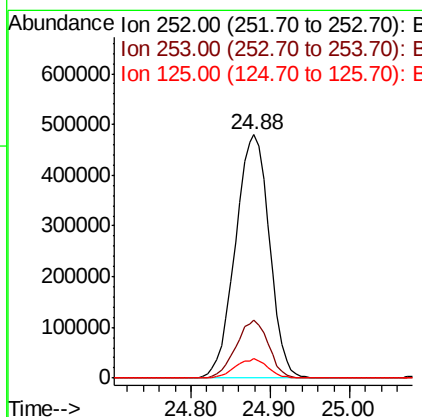
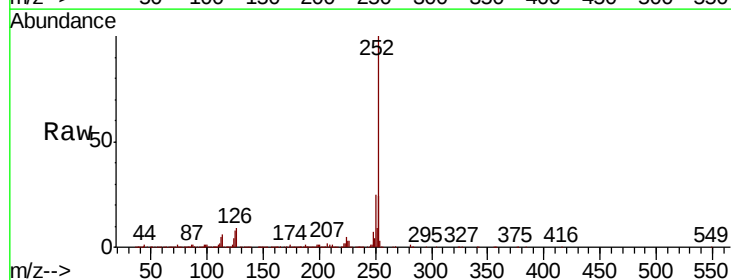
Instrument :
BNA_G
ClientSampleId :

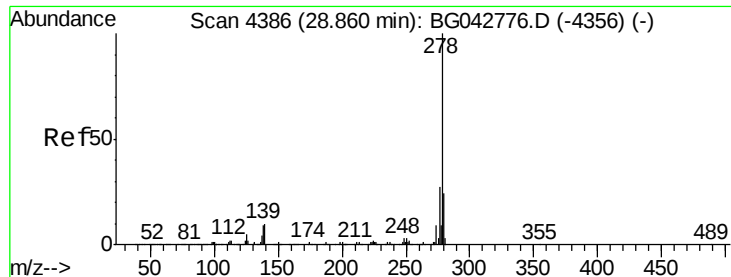
Tot Ion:252 Resp: 1464129
Ion Ratio Lower Upper
252 100
253 23.5 18.2 27.4
125 7.6 5.3 7.9



#90
Benzo(a)pyrene
Concen: 40.136 ng
RT: 24.88 min Scan# 3709
Delta R.T. -0.01 min
Lab File: BG042841.D
Acq: 16 Sep 2019 8:57

Tgt Ion:252 Resp: 1425858
Ion Ratio Lower Upper
252 100
253 24.0 18.1 27.1
125 7.8 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 40.260 ng

RT: 28.85 min Scan# 4385

Delta R.T. -0.01 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

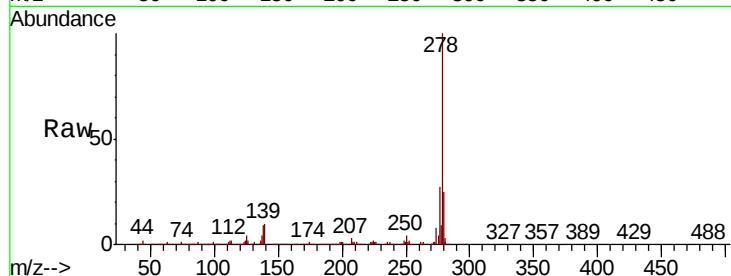
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1406737

Ion	Ratio	Lower	Upper
278	100		
139	10.3	8.2	12.2
279	25.1	19.4	29.2

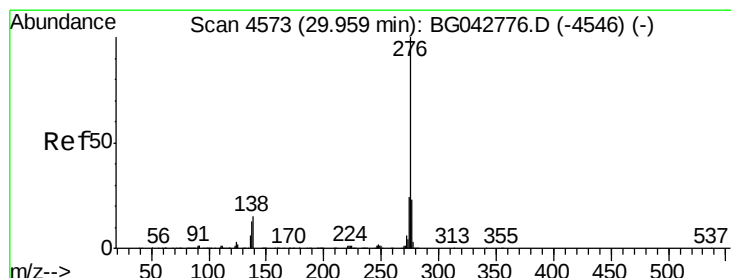
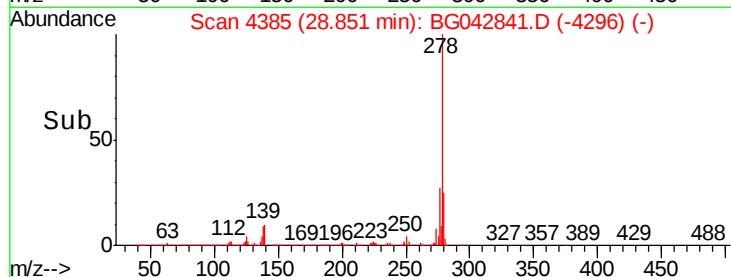
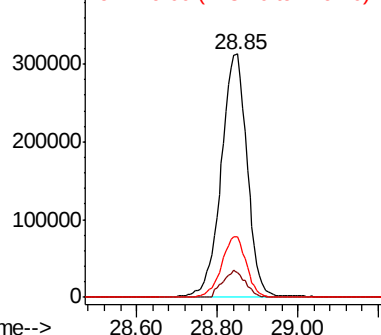


Abundance

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: 39.973 ng

RT: 29.94 min Scan# 4570

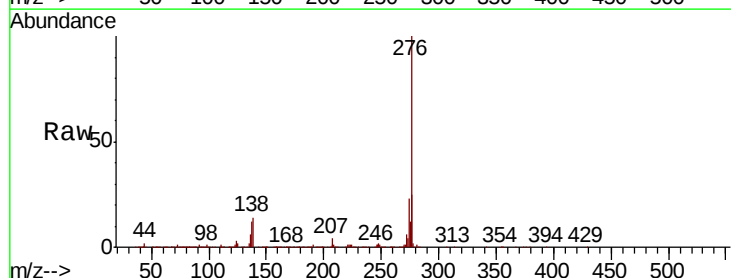
Delta R.T. -0.02 min

Lab File: BG042841.D

Acq: 16 Sep 2019 8:57

Tgt Ion:276 Resp: 1362361

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.4	27.6
138	14.0	11.8	17.8



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

