

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
 Data File : BG042590.D
 Acq On : 30 Aug 2019 8:22
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 30 16:21:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	38691	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	155979	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	116787	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	267095	20.00	ng	0.00
76) Chrysene-d12	21.69	240	270047	20.00	ng	0.00
87) Perylene-d12	24.93	264	326643	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	146020	76.43	ng	0.00
7) Phenol-d6	7.17	99	197570	76.56	ng	0.00
23) Nitrobenzene-d5	9.16	82	178552	79.10	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	135860	81.85	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	584504	84.65	ng	0.00
79) Terphenyl-d14	20.02	244	1034363	82.81	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	28094	35.239	ng	99
3) Pyridine	3.82	79	73673	36.038	ng	96
4) n-Nitrosodimethylamine	3.74	42	28755	39.382	ng	95
6) Aniline	7.32	93	127855	37.147	ng	99
8) 2-Chlorophenol	7.57	128	88926	38.409	ng	98
9) Benzaldehyde	7.13	77	51739	40.048	ng	99
10) Phenol	7.19	94	99736	38.013	ng	92
11) bis(2-Chloroethyl)ether	7.41	93	75227	36.508	ng	98
12) 1,3-Dichlorobenzene	7.89	146	116603	39.590	ng	97
13) 1,4-Dichlorobenzene	8.04	146	116397	39.015	ng	94
14) 1,2-Dichlorobenzene	8.36	146	112701	39.447	ng	99
15) Benzyl Alcohol	8.23	79	72128	38.851	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	99584	35.657	ng	98
17) 2-Methylphenol	8.45	107	73253	37.906	ng	94
18) Hexachloroethane	9.09	117	39136	38.318	ng	90
19) n-Nitroso-di-n-propylamine	8.80	70	59789	35.763	ng	94
20) 3+4-Methylphenols	8.78	107	100140	37.448	ng	97
22) Acetophenone	8.82	105	132447	39.701	ng	98
24) Nitrobenzene	9.21	77	89454	39.136	ng	99
25) Isophorone	9.73	82	168834	37.901	ng	100
26) 2-Nitrophenol	9.93	139	57430	40.094	ng	97
27) 2,4-Dimethylphenol	9.99	122	77577	39.317	ng	98
28) bis(2-Chloroethoxy)methane	10.21	93	107507	38.291	ng	98
29) 2,4-Dichlorophenol	10.47	162	106892	41.407	ng	96
30) 1,2,4-Trichlorobenzene	10.68	180	134140	42.334	ng	98
31) Naphthalene	10.87	128	289823	40.021	ng	99
32) Benzoic acid	10.15	122	47571	35.736	ng	96
33) 4-Chloroaniline	10.98	127	132464	39.624	ng	99
34) Hexachlorobutadiene	11.16	225	91428	42.934	ng	99
35) Caprolactam	11.75	113	31508	36.578	ng	97
36) 4-Chloro-3-methylphenol	12.11	107	95789	39.088	ng	97
37) 2-Methylnaphthalene	12.48	142	233363	40.133	ng	99
38) 1-Methylnaphthalene	12.70	142	222059	40.204	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	160144	42.700	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	80448	40.835	nq	99
43) 2,4,6-Trichlorophenol	13.09	196	102993	40.627	nq	98
44) 2,4,5-Trichlorophenol	13.17	196	107285	40.839	nq	99
46) 1,1'-Biphenyl	13.49	154	303410	40.191	nq	99
47) 2-Chloronaphthalene	13.53	162	264622	40.652	nq	98
48) 2-Nitroaniline	13.73	65	61586	39.234	nq	96
49) Acenaphthylene	14.38	152	395676	40.403	nq	100
50) Dimethylphthalate	14.11	163	335833	39.854	nq	99
51) 2,6-Dinitrotoluene	14.23	165	77048	39.447	nq	98
52) Acenaphthene	14.72	154	234818	39.488	nq	97
53) 3-Nitroaniline	14.56	138	75721	38.763	nq	97
54) 2,4-Dinitrophenol	14.78	184	39817	34.135	nq	96
55) Dibenzofuran	15.06	168	404868	41.131	nq	99
56) 4-Nitrophenol	14.89	139	50794	36.594	nq	94
57) 2,4-Dinitrotoluene	15.03	165	110815	39.620	nq	98
58) Fluorene	15.71	166	327806	40.740	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	108249m	41.667	nq	
60) Diethylphthalate	15.47	149	325323	39.493	nq	100
61) 4-Chlorophenyl-phenylether	15.70	204	200120	41.258	nq	97
62) 4-Nitroaniline	15.73	138	80104	38.316	nq	93
63) Azobenzene	15.99	77	213225	37.776	nq	96
65) 4,6-Dinitro-2-methylphenol	15.80	198	62563	37.361	nq	96
66) n-Nitrosodiphenylamine	15.91	169	300483	40.908	nq	99
67) 4-Bromophenyl-phenylether	16.60	248	141847	41.868	nq	98
68) Hexachlorobenzene	16.72	284	153132	41.579	nq	99
69) Atrazine	16.86	200	89266	34.366	nq	99
70) Pentachlorophenol	17.07	266	73750	38.540	nq	97
71) Phenanthrene	17.45	178	549480	41.417	nq	98
72) Anthracene	17.54	178	552897	41.745	nq	99
73) Carbazole	17.81	167	474153	40.169	nq	99
74) Di-n-butylphthalate	18.37	149	564135	40.430	nq	100
75) Fluoranthene	19.46	202	683407	42.208	nq	97
77) Benzidine	19.64	184	265545	34.298	nq	99
78) Pyrene	19.83	202	682182	41.203	nq	100
80) Butylbenzylphthalate	20.71	149	253277	38.894	nq	97
81) Benzo(a)anthracene	21.67	228	682977	41.575	nq	98
82) 3,3'-Dichlorobenzidine	21.58	252	271423	41.082	nq	99
83) Chrysene	21.74	228	653122	41.225	nq	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	361064	39.934	nq	98
85) Di-n-octyl phthalate	22.78	149	621812	39.986	nq	99
86) Indeno(1,2,3-cd)pyrene	28.64	276	868471	40.338	nq	# 97
88) Benzo(b)fluoranthene	23.90	252	745012	41.487	nq	99
89) Benzo(k)fluoranthene	23.97	252	720884m	41.764	nq	
90) Benzo(a)pyrene	24.78	252	711536	41.756	nq	98
91) Dibenzo(a,h)anthracene	28.70	278	708270	41.051	nq	99
92) Benzo(g,h,i)perylene	29.79	276	698224	40.463	nq	97

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

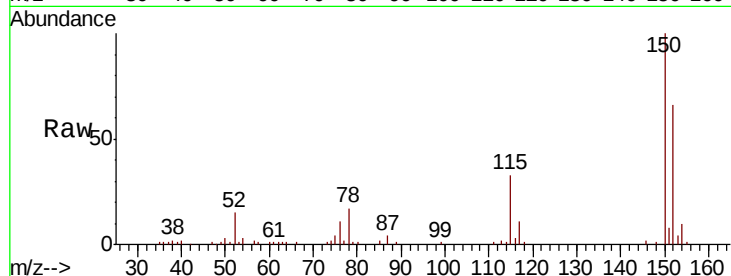


#1

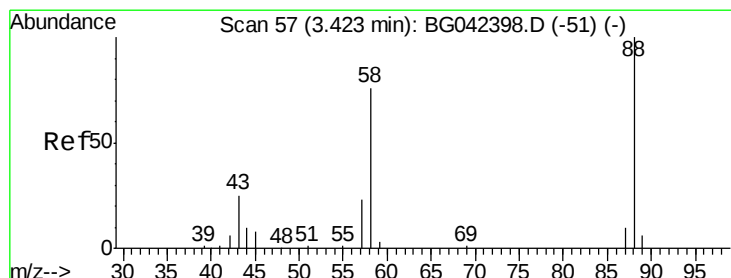
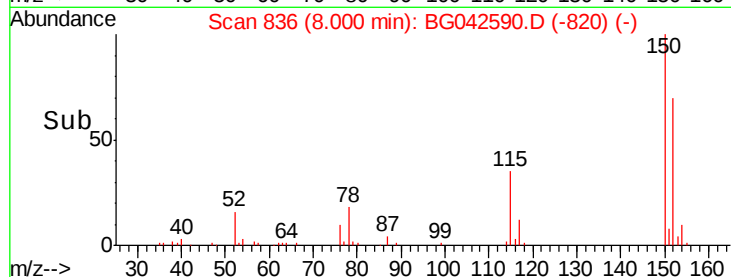
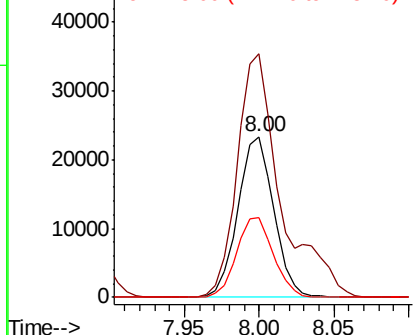
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042590.D
Acq: 30 Aug 2019 8:22

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 38691
Ion Ratio Lower Upper
152 100
150 151.2 125.4 188.0
115 49.9 38.5 57.7



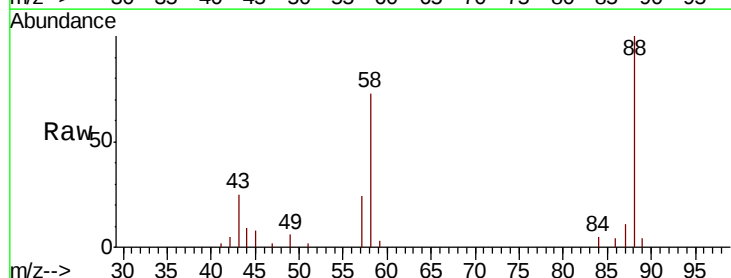
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



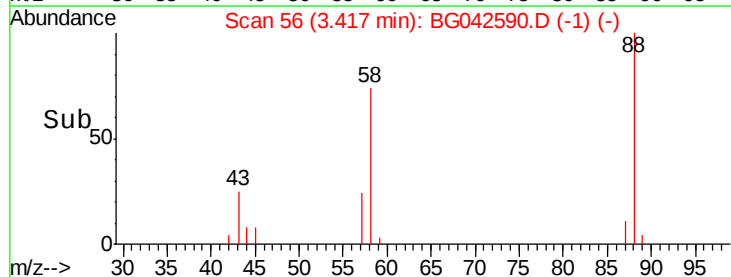
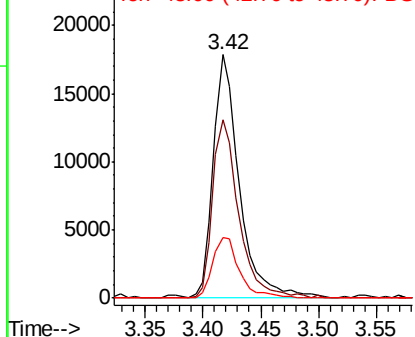
#2

1,4-Dioxane
Concen: 35.239 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG042590.D
Acq: 30 Aug 2019 8:22

Tgt Ion: 88 Resp: 28094
Ion Ratio Lower Upper
88 100
58 73.6 58.3 87.5
43 25.8 20.2 30.2



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: 36.038 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

Instrument :

BNA_G

ClientSampled :

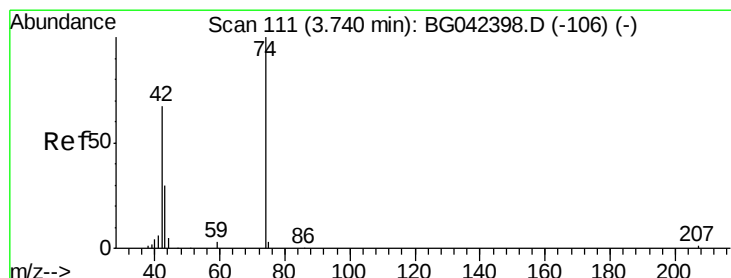
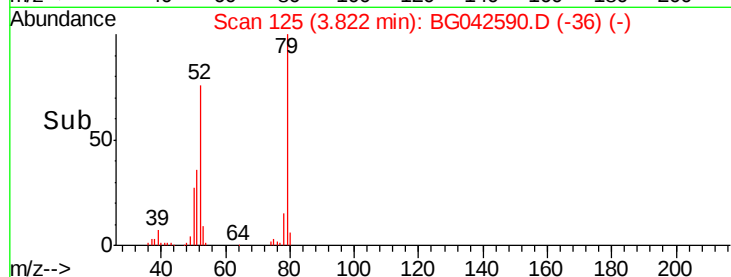
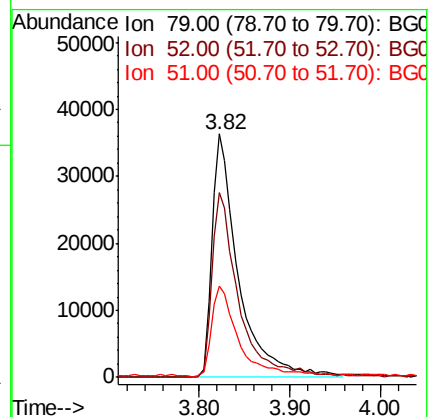
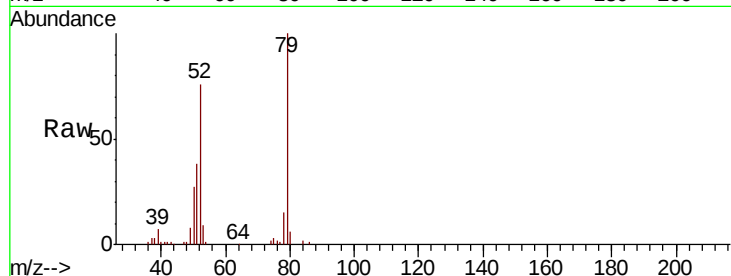
Tot Ion: 79 Resp: 73673

Ion Ratio Lower Upper

79 100

52 75.7 57.7 86.5

51 37.7 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 39.382 ng

RT: 3.74 min Scan# 111

Delta R.T. -0.00 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

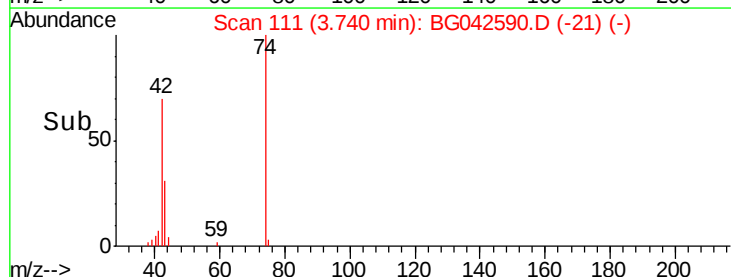
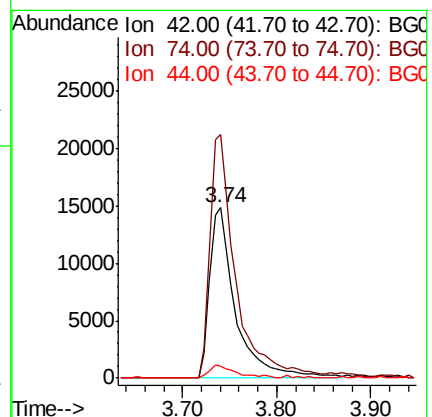
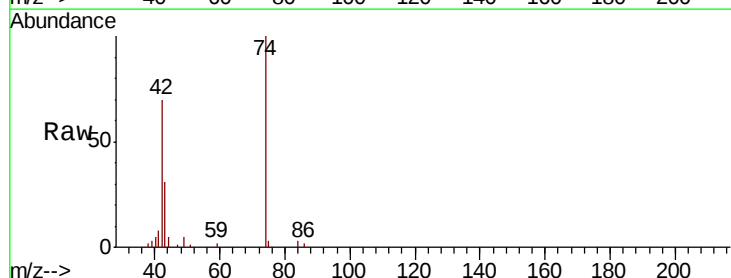
Tgt Ion: 42 Resp: 28755

Ion Ratio Lower Upper

42 100

74 142.7 119.6 179.4

44 7.3 6.5 9.7





#5

2-Fluorophenol

Concen: 76.435 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

Instrument :

BNA_G

ClientSampled :

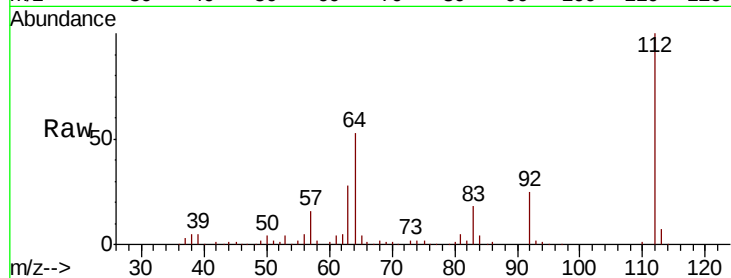
Tot Ion: 112 Resp: 146020

Ion Ratio Lower Upper

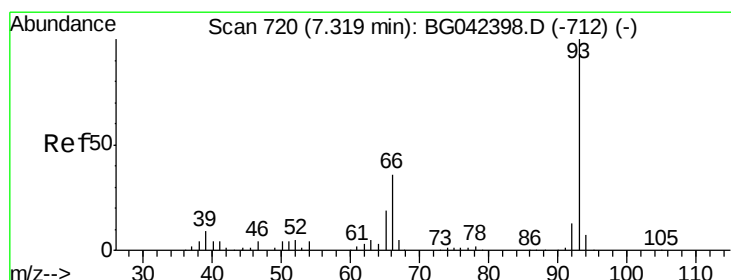
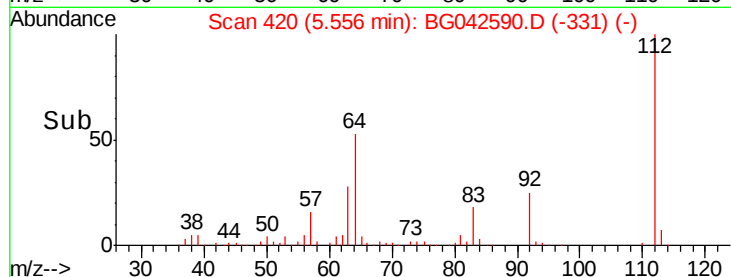
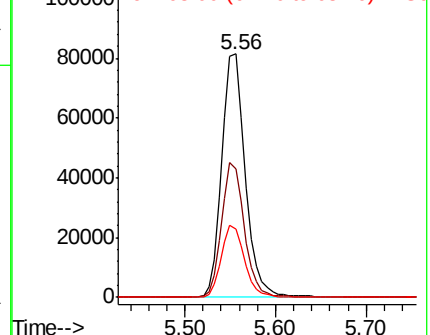
112 100

64 52.6 42.8 64.2

63 28.3 22.7 34.1



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: 37.147 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

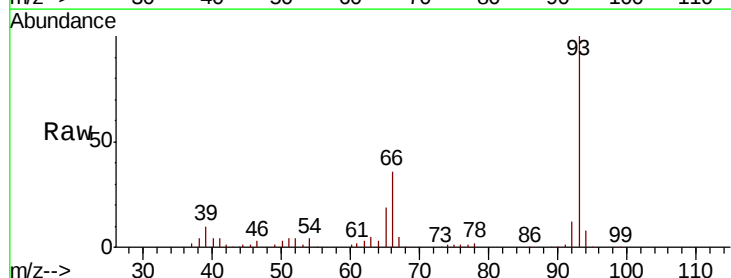
Tgt Ion: 93 Resp: 127855

Ion Ratio Lower Upper

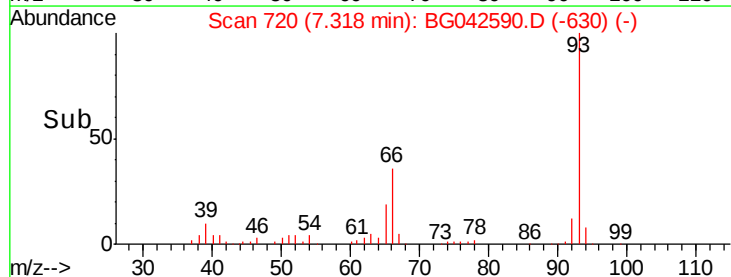
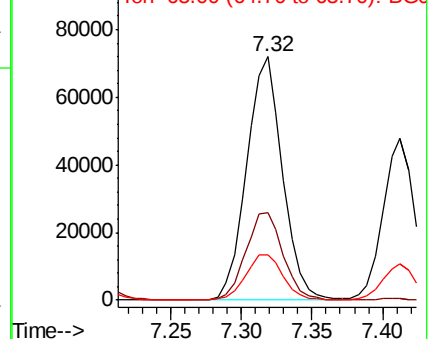
93 100

66 35.9 29.0 43.6

65 18.7 15.2 22.8



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: 76.562 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

Instrument :

BNA_G

ClientSampled :

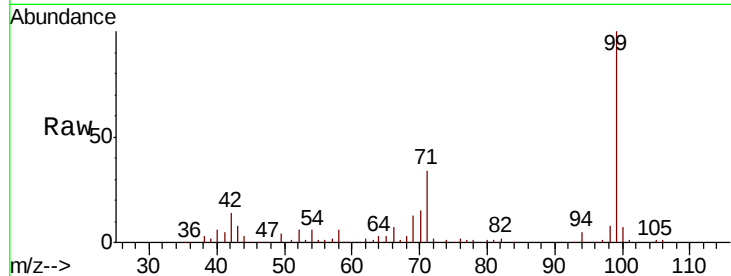
Tot Ion: 99 Resp: 197570

Ion Ratio Lower Upper

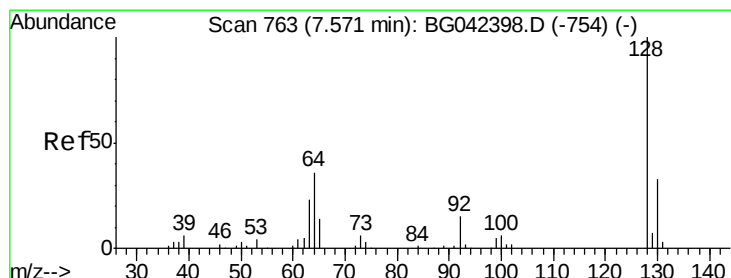
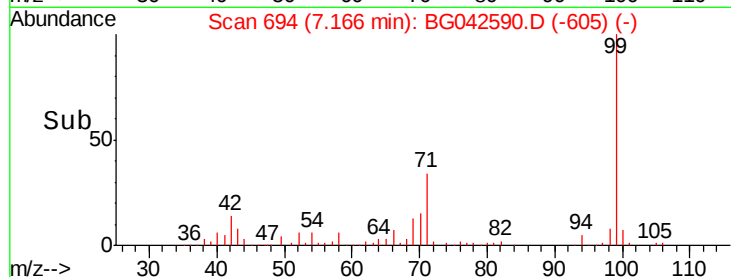
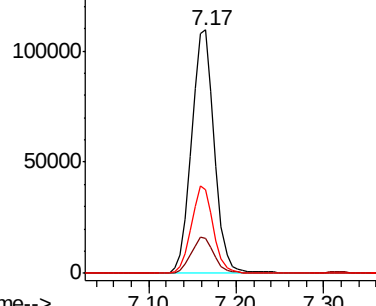
99 100

42 14.3 12.0 18.0

71 34.1 26.3 39.5



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: 38.409 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

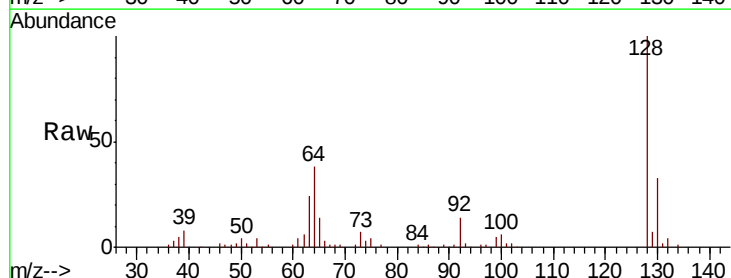
Tgt Ion: 128 Resp: 88926

Ion Ratio Lower Upper

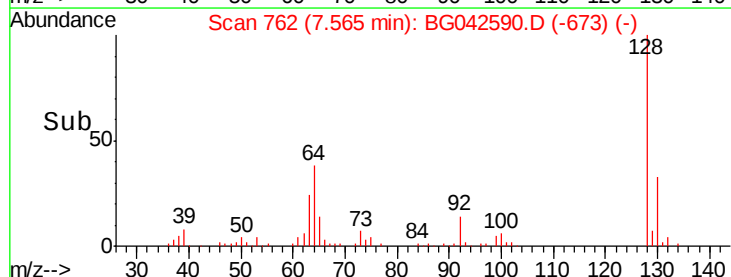
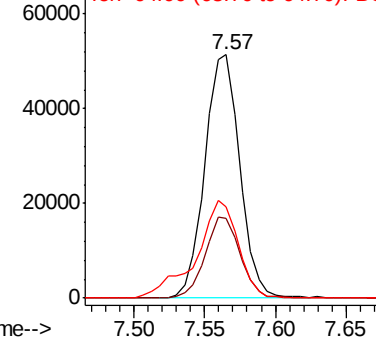
128 100

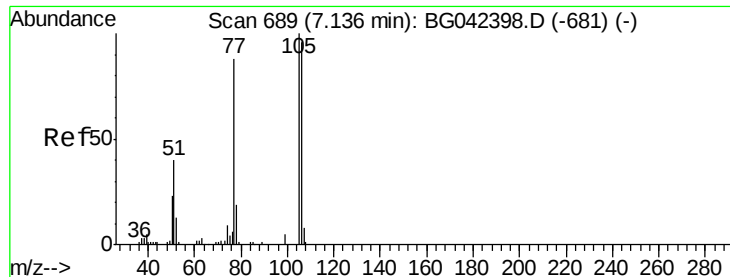
130 33.0 12.8 52.8

64 37.5 19.2 59.2



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: 40.048 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

Instrument :

BNA_G

ClientSampleId :

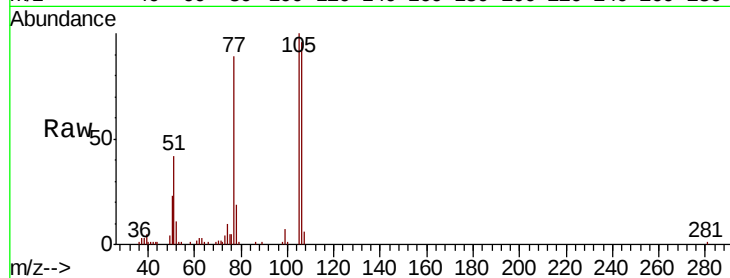
Tot Ion: 77 Resp: 51739

Ion Ratio Lower Upper

77 100

105 112.2 93.4 133.4

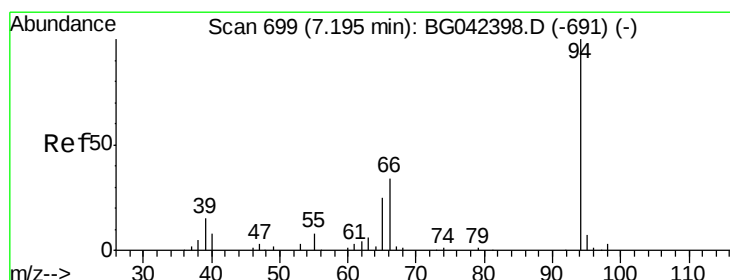
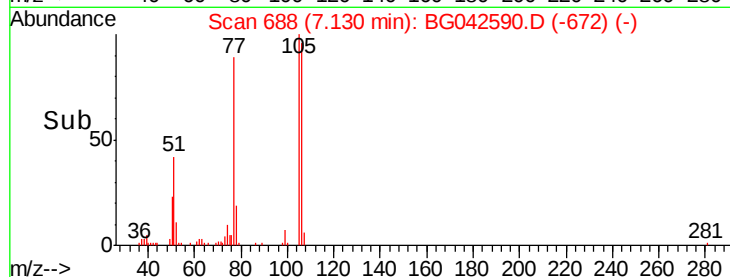
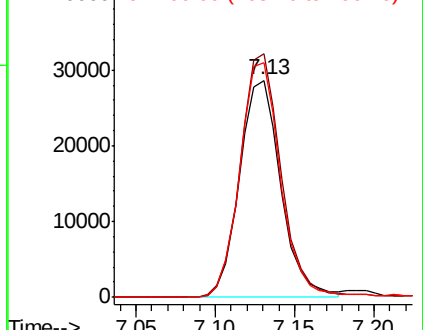
106 108.2 88.4 128.4



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: 38.013 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

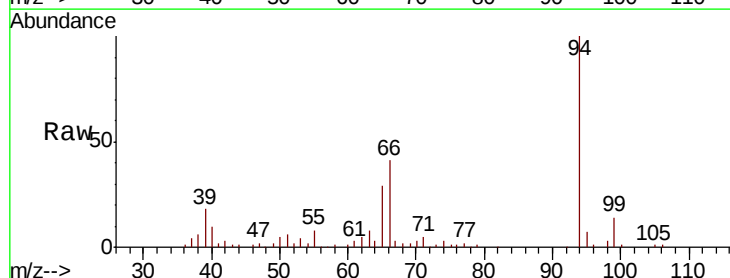
Tgt Ion: 94 Resp: 99736

Ion Ratio Lower Upper

94 100

65 28.9 5.6 45.6

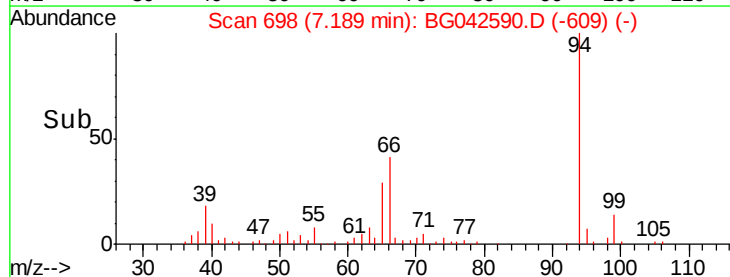
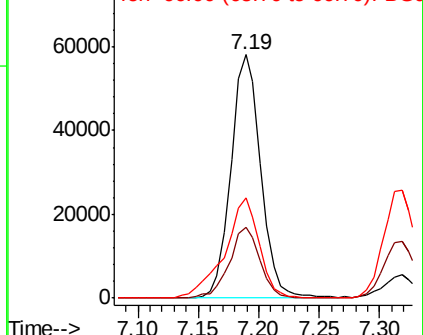
66 41.3 16.0 56.0

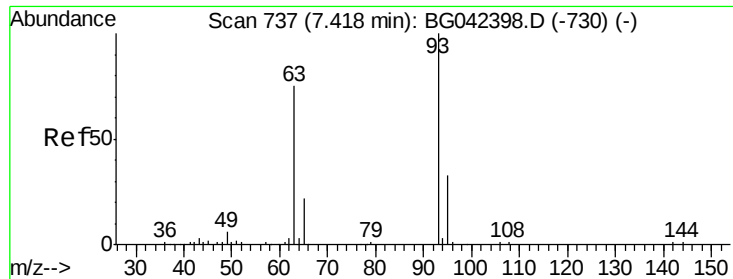


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 36.508 ng

RT: 7.41 min Scan# 736

Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

Instrument :

BNA_G

ClientSampled :

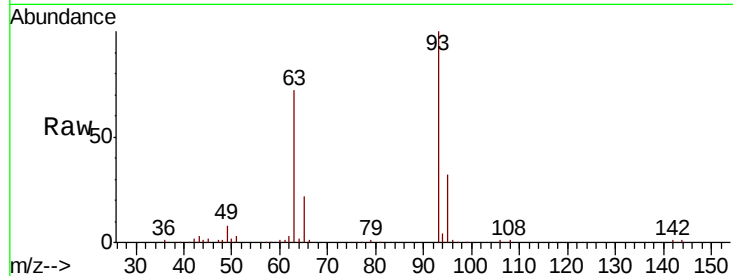
Tot Ion: 93 Resp: 75227

Ion Ratio Lower Upper

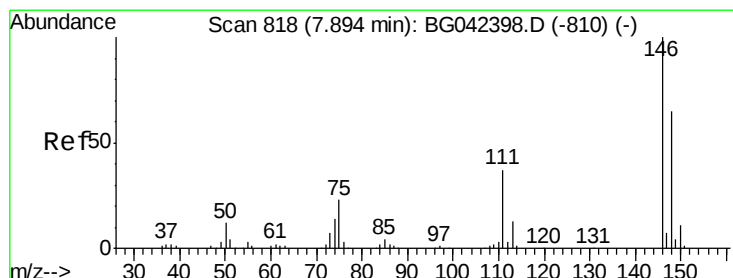
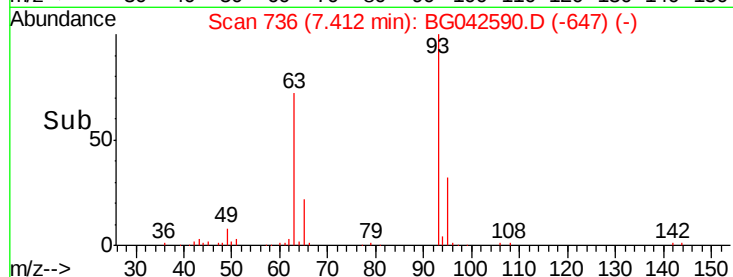
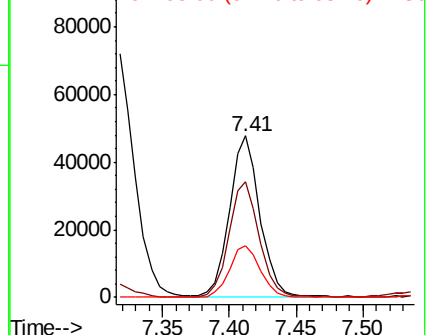
93 100

63 71.8 53.8 93.8

95 32.1 13.1 53.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 39.590 ng

RT: 7.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

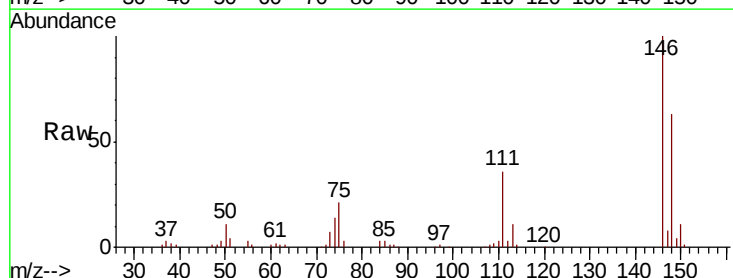
Tgt Ion: 146 Resp: 116603

Ion Ratio Lower Upper

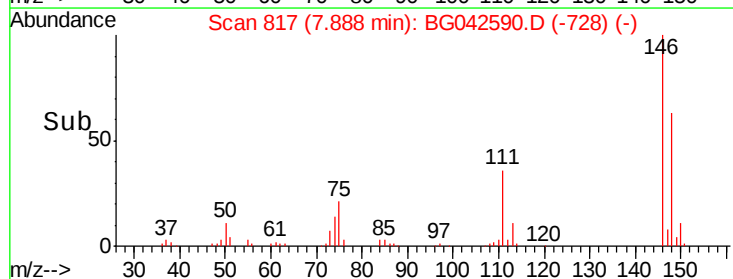
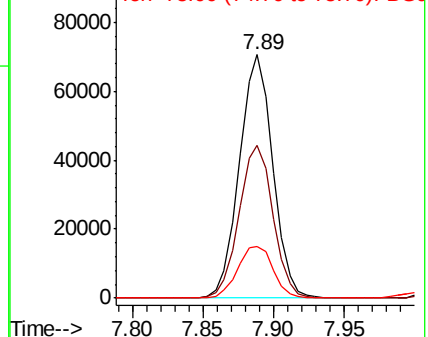
146 100

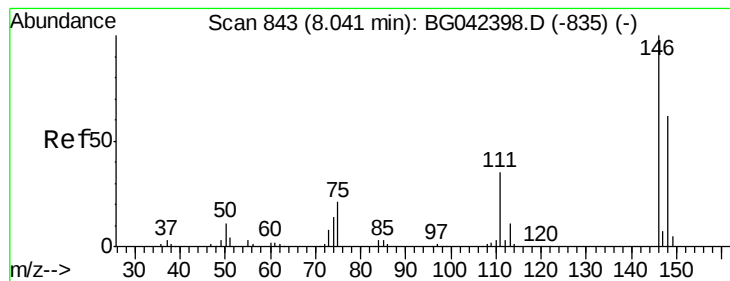
148 62.8 52.2 78.2

75 21.2 18.0 27.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 39.015 ng

RT: 8.04 min Scan# 842

Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

Instrument :

BNA_G

ClientSampleId :

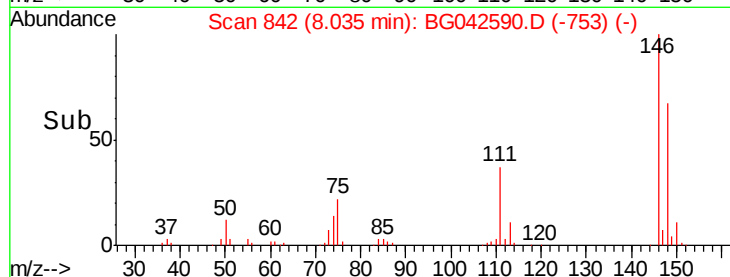
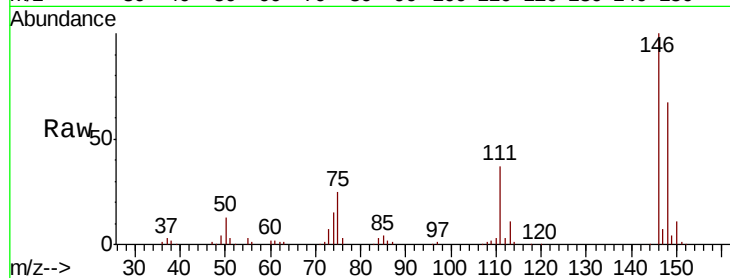
Tot Ion:146 Resp: 116397

Ion Ratio Lower Upper

146 100

148 67.0 49.5 74.3

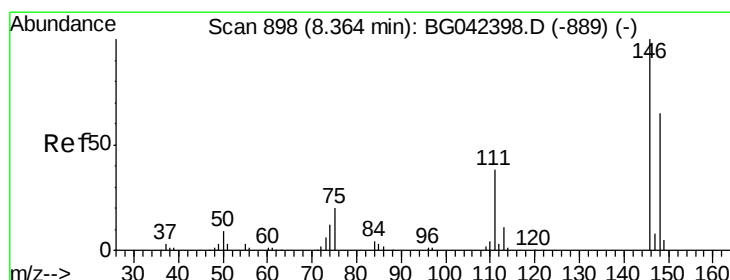
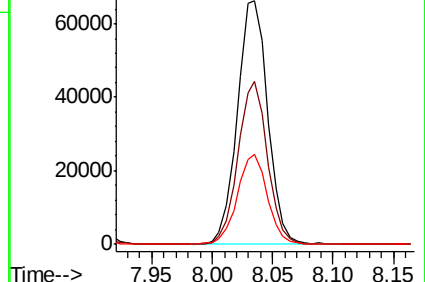
111 37.2 28.1 42.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.447 ng

RT: 8.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

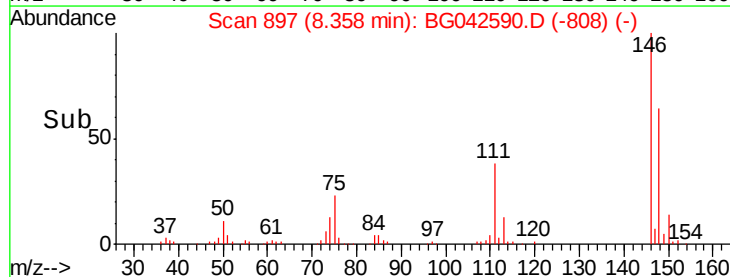
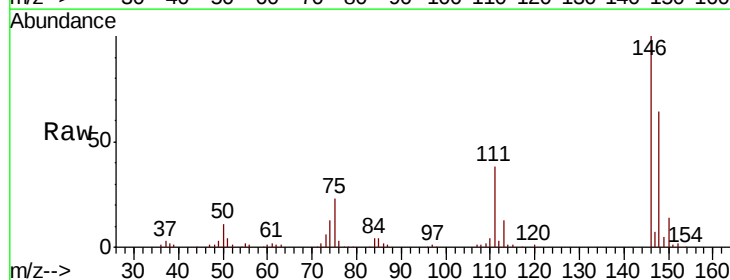
Tgt Ion:146 Resp: 112701

Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.6

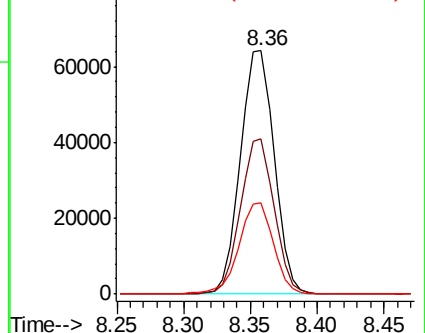
111 37.8 30.9 46.3

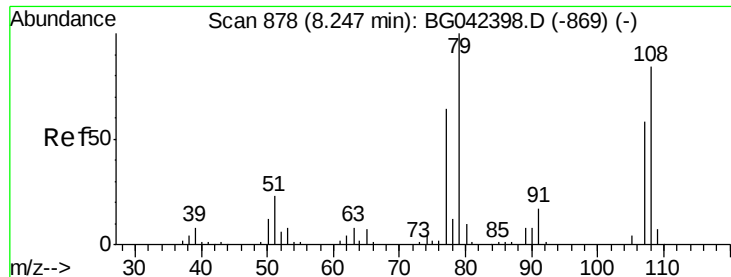


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.851 ng

RT: 8.23 min Scan# 876

Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

Instrument :

BNA_G

ClientSampleId :

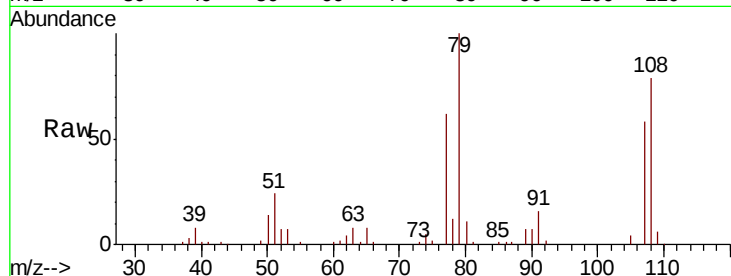
Tot Ion: 79 Resp: 72128

Ion Ratio Lower Upper

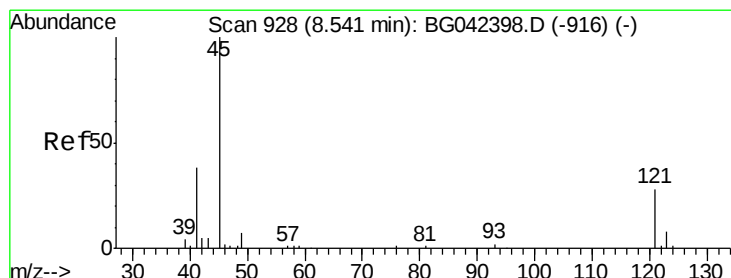
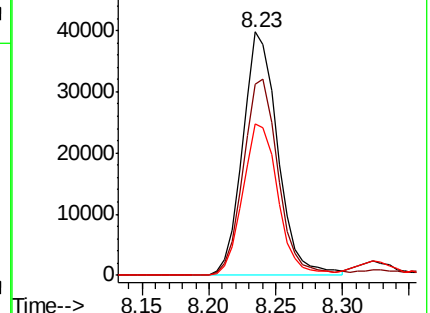
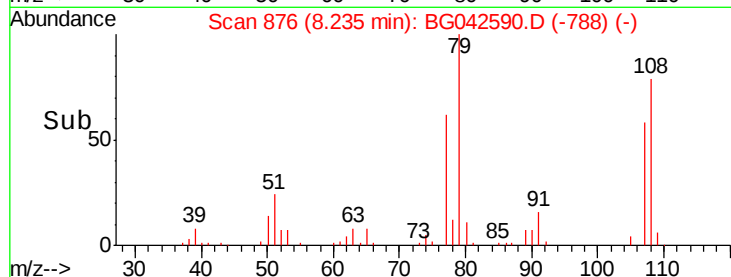
79 100

108 78.6 67.4 101.2

77 62.2 50.8 76.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.657 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

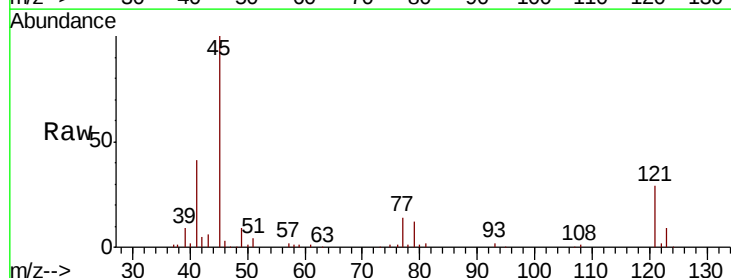
Tgt Ion: 45 Resp: 99584

Ion Ratio Lower Upper

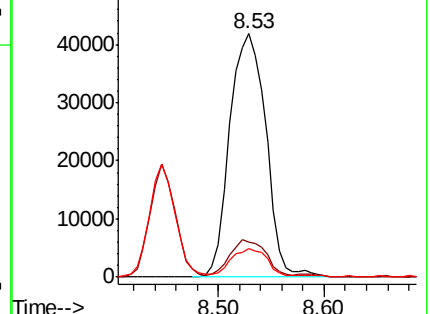
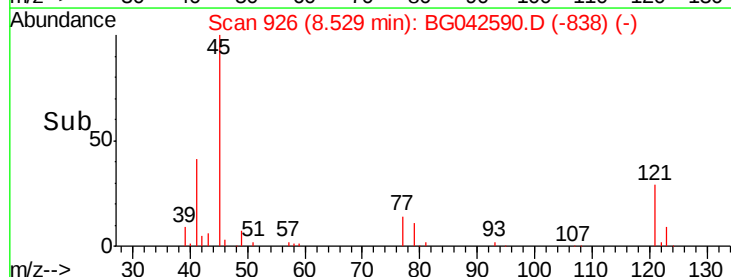
45 100

77 14.3 0.0 35.6

79 11.7 0.0 31.6



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

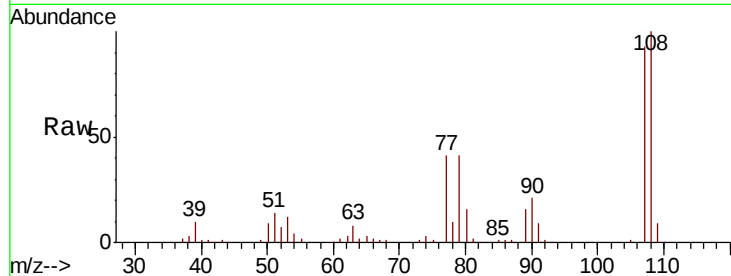




#17
2-Methylphenol
Concen: 37.906 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG042590.D
Acq: 30 Aug 2019 8:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.0	92.9	139.3
77	44.7	34.4	51.6
79	44.6	33.8	50.6



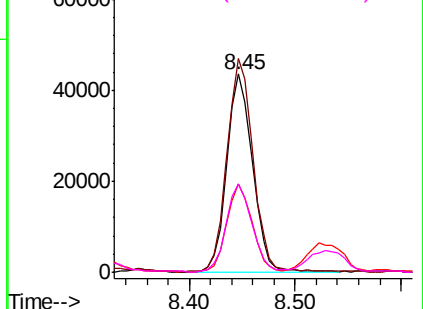
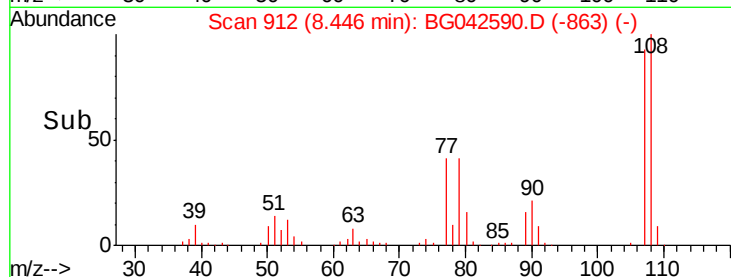
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

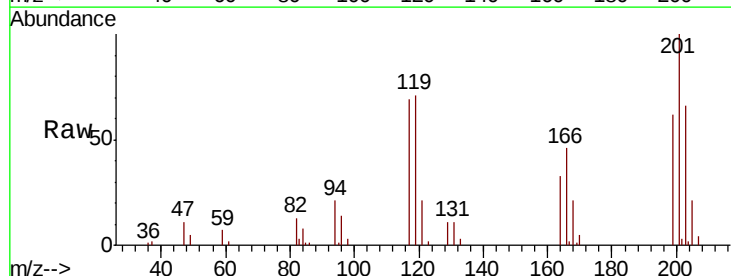
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.318 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG042590.D
Acq: 30 Aug 2019 8:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	103.4	73.8	110.8
201	145.8	108.3	162.5

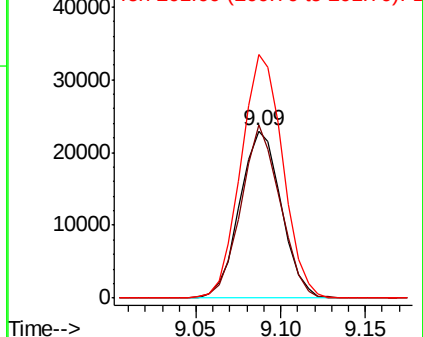
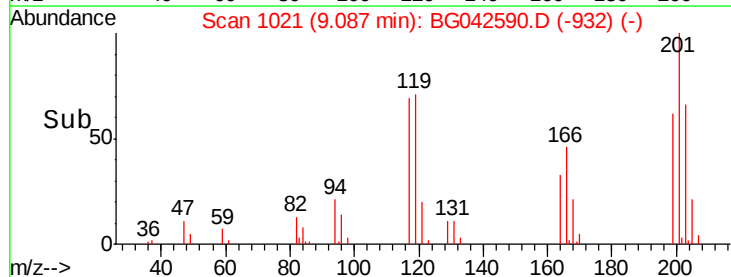


Abundance

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

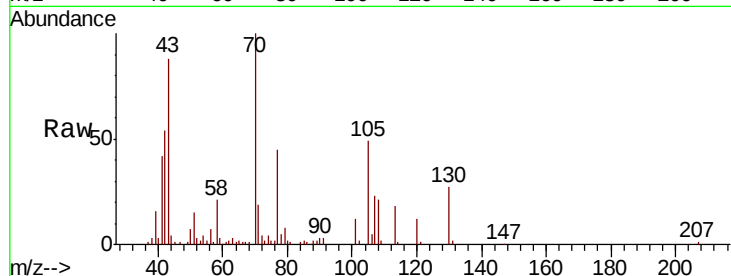




#19
n-Nitroso-di-n-propylamine
Concen: 35.763 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG042590.D
Acq: 30 Aug 2019 8:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	59789
Ion	Ratio	Lower	Upper
70	100		
42	53.6	38.8	58.2
101	12.1	9.0	13.6
130	27.0	20.0	30.0



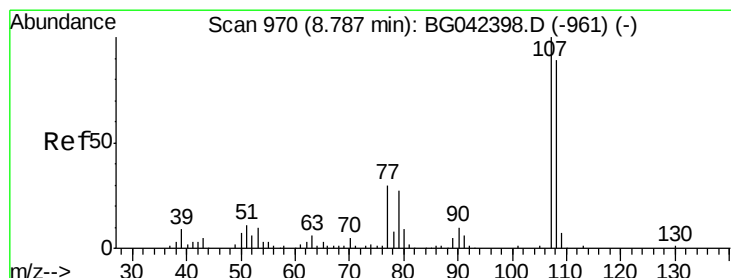
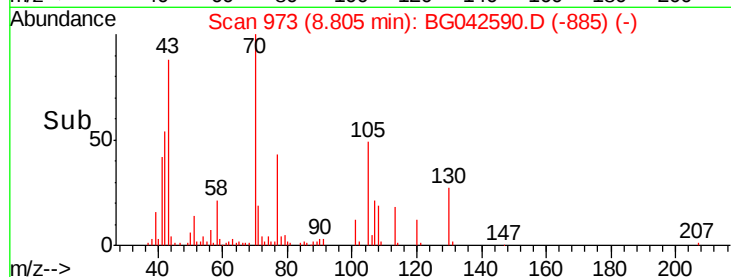
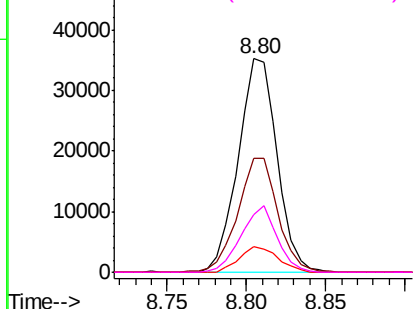
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

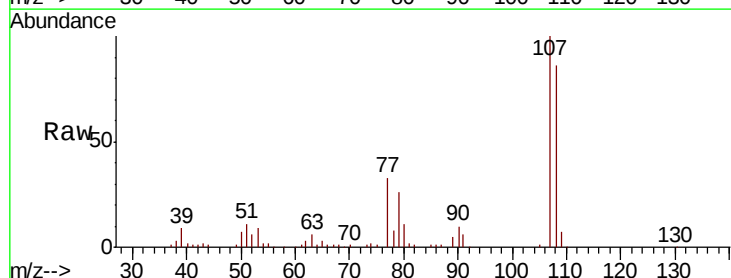
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 37.448 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG042590.D
Acq: 30 Aug 2019 8:22

Tgt Ion:	107	Resp:	100140
Ion	Ratio	Lower	Upper
107	100		
108	85.8	68.7	108.7
77	33.1	10.2	50.2
79	26.5	6.9	46.9



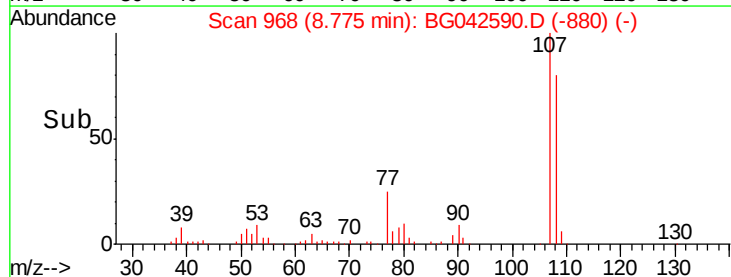
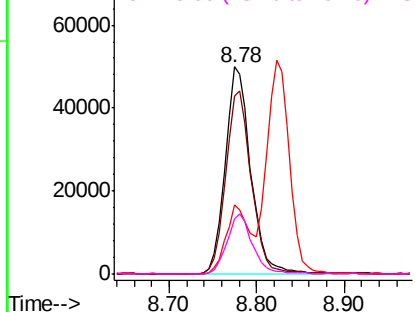
Abundance

Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 155979

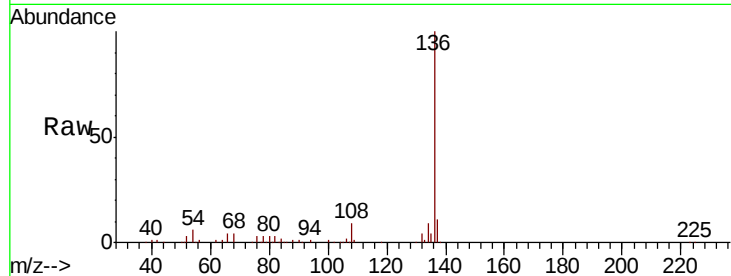
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 5.9 4.9 7.3

68 3.9 3.6 5.4

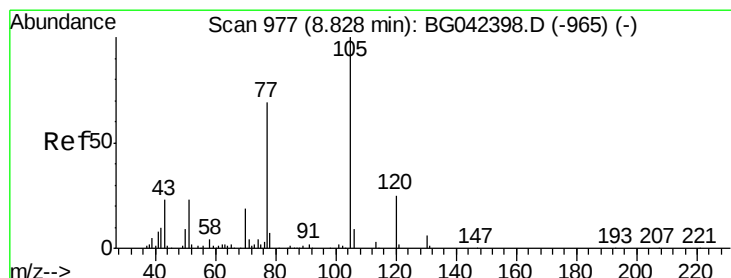
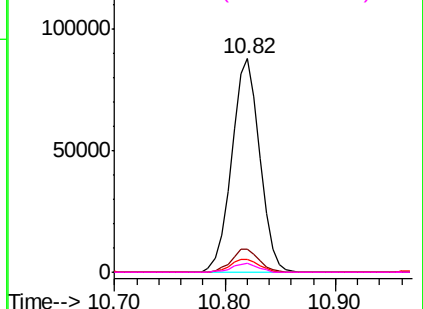
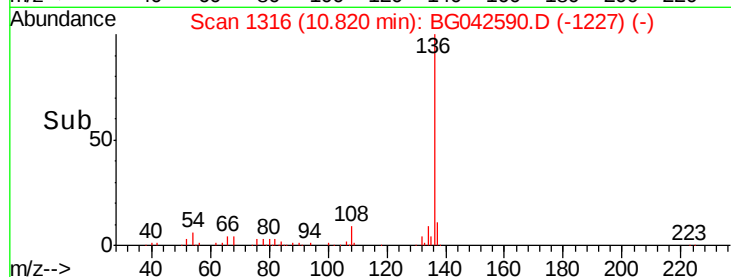


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.701 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

Tgt Ion:105 Resp: 132447

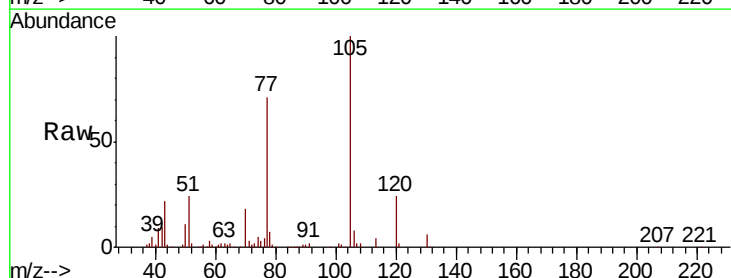
Ion Ratio Lower Upper

105 100

71 2.9 2.8 4.2

51 24.2 18.7 28.1

120 24.4 20.1 30.1

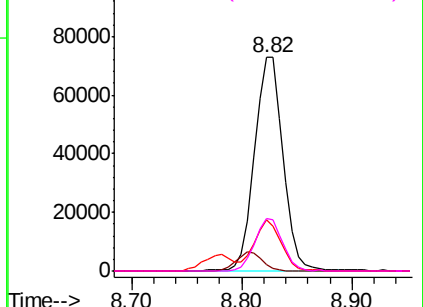
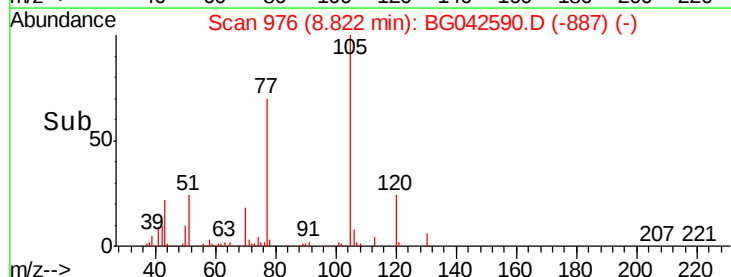


Abundance Ion 105.00 (104.70 to 105.70): E

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

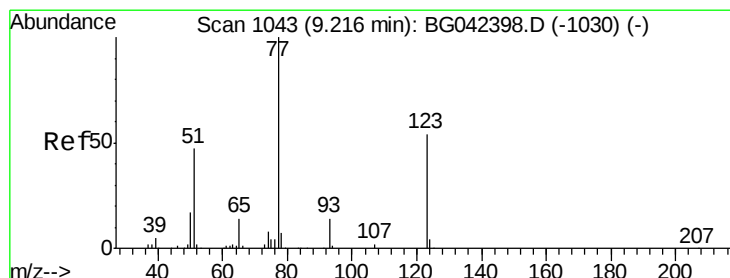
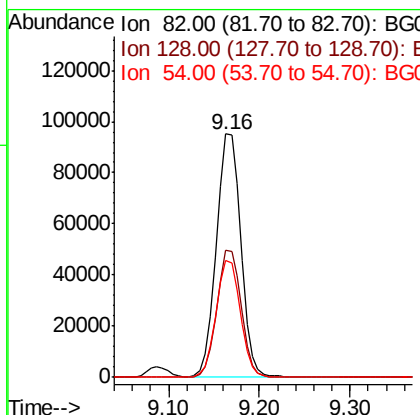
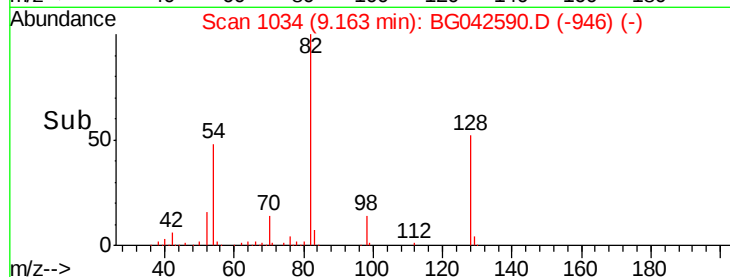
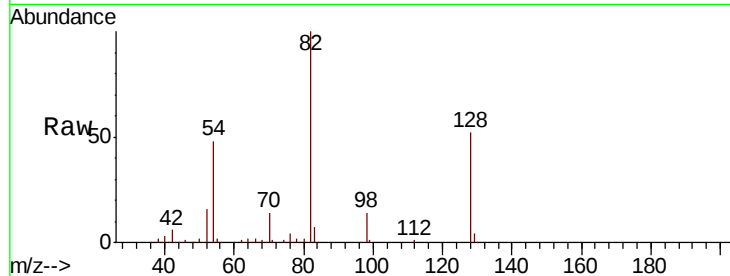




#23
Nitrobenzene-d5
Concen: 79.105 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042590.D
Acq: 30 Aug 2019 8:22

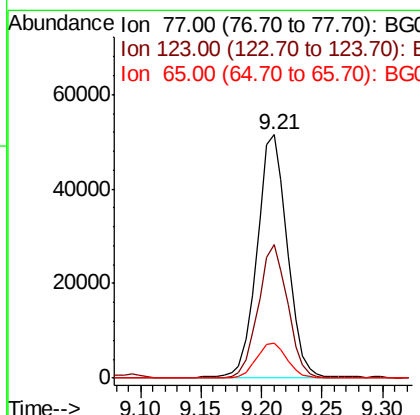
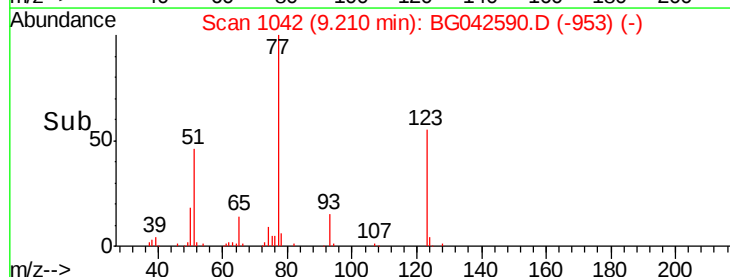
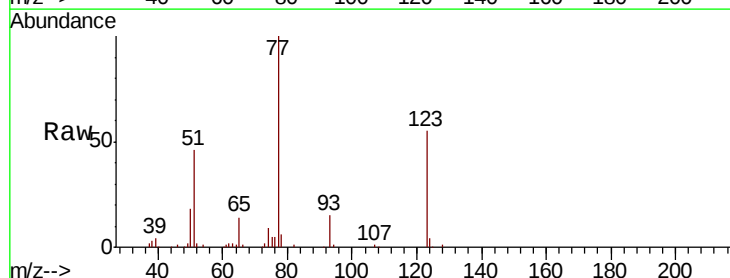
Instrument :
BNA_G
ClientSampled :

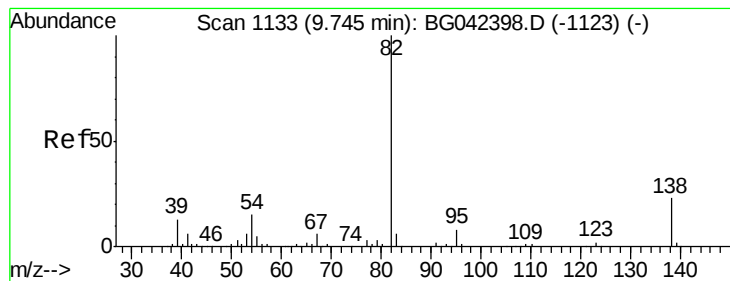
Tot Ion	82	Resp	178552
Ion Ratio	Lower	Upper	
82	100		
128	52.1	40.7	61.1
54	48.2	36.3	54.5



#24
Nitrobenzene
Concen: 39.136 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG042590.D
Acq: 30 Aug 2019 8:22

Tgt Ion	77	Resp	89454
Ion Ratio	Lower	Upper	
77	100		
123	54.8	43.4	65.0
65	14.2	11.0	16.6





#25

Isophorone

Concen: 37.901 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

Instrument :

BNA_G

ClientSampleId :

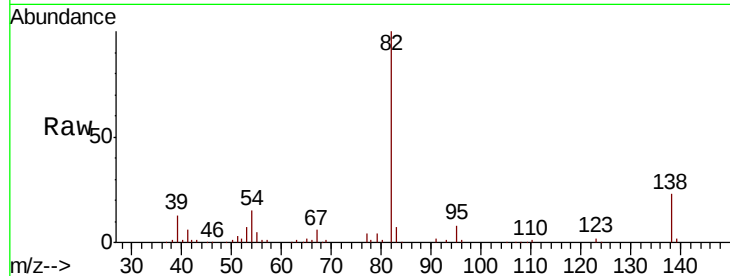
Tot Ion: 82 Resp: 168834

Ion Ratio Lower Upper

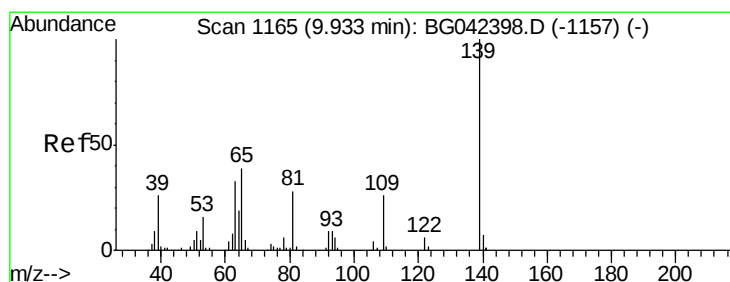
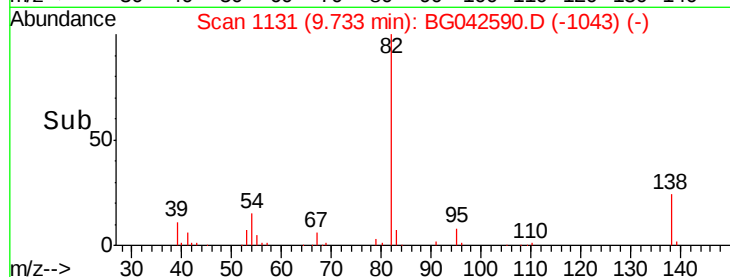
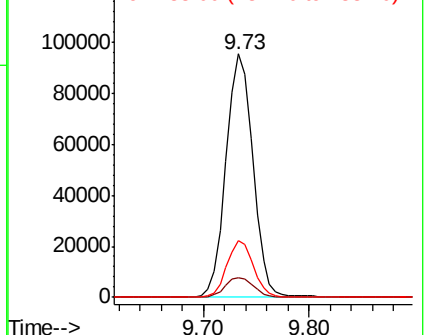
82 100

95 8.1 6.6 9.8

138 23.4 18.6 27.8



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



#26

2-Nitrophenol

Concen: 40.094 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

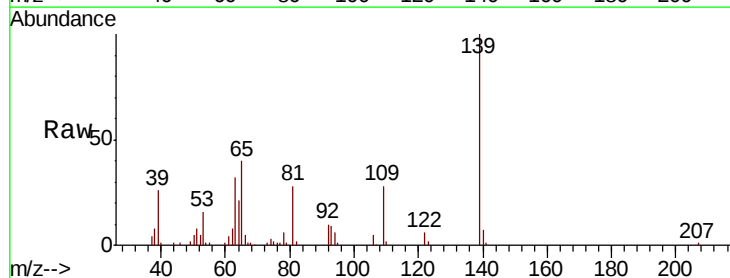
Tgt Ion: 139 Resp: 57430

Ion Ratio Lower Upper

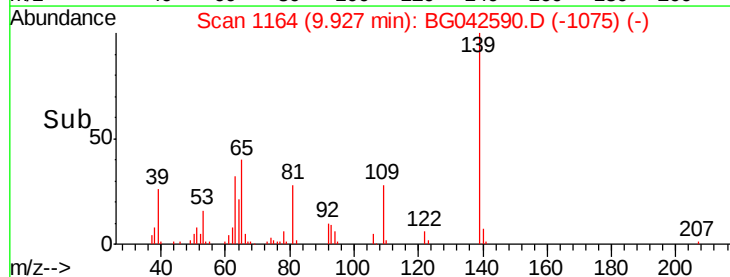
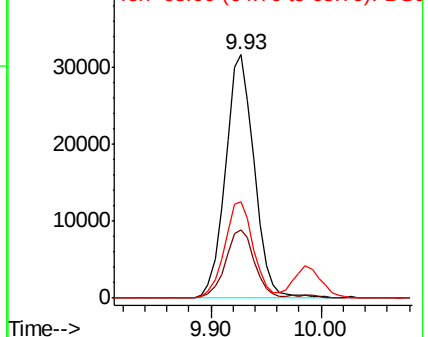
139 100

109 27.9 20.5 30.7

65 39.9 30.9 46.3



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

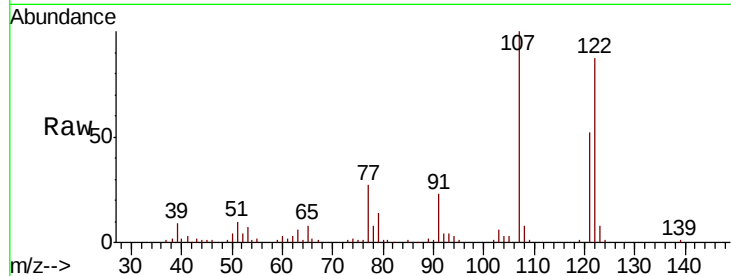




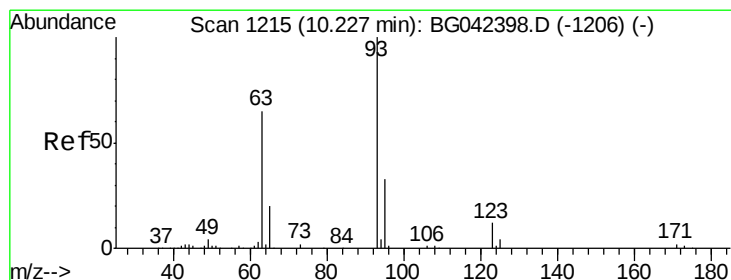
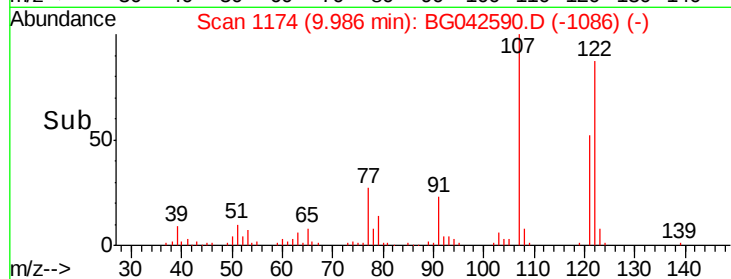
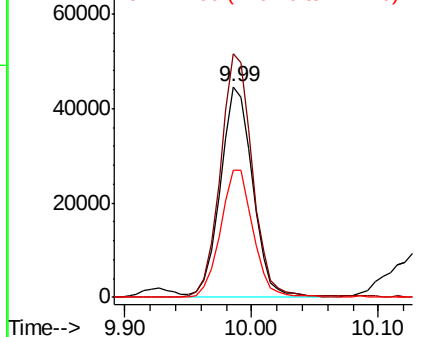
#27
 2,4-Dimethylphenol
 Concen: 39.317 ng
 RT: 9.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BG042590.D
 Acq: 30 Aug 2019 8:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 77577
 Ion Ratio Lower Upper
 122 100
 107 115.6 90.8 136.2
 121 60.4 49.6 74.4

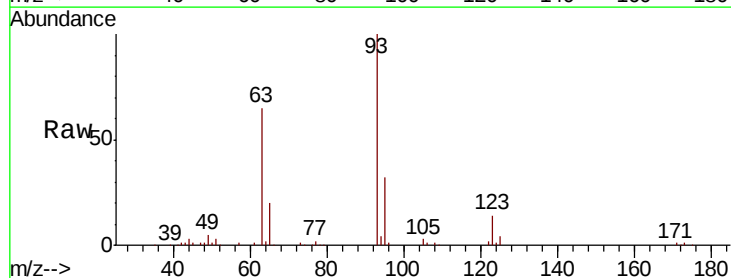


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

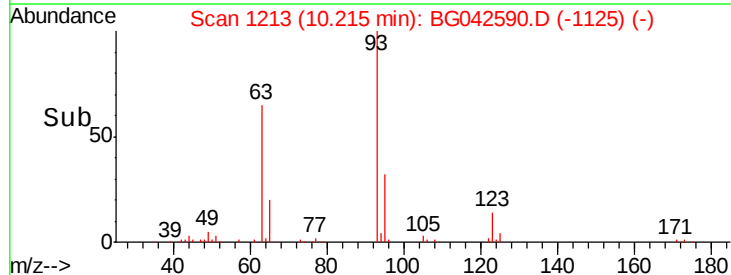
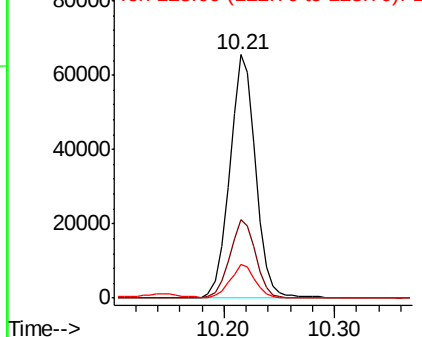


#28
 bis(2-Chloroethoxy)methane
 Concen: 38.291 ng
 RT: 10.21 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BG042590.D
 Acq: 30 Aug 2019 8:22

Tgt Ion: 93 Resp: 107507
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.6 40.0
 123 13.7 10.1 15.1



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

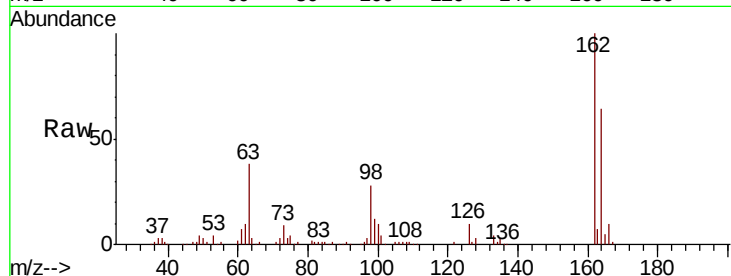




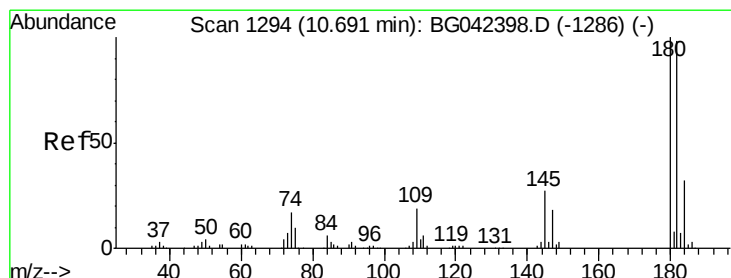
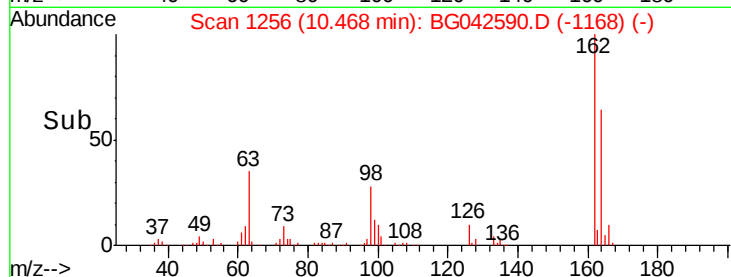
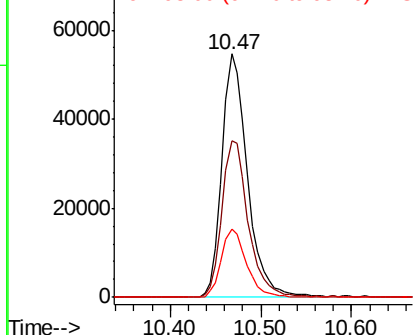
#29
 2,4-Dichlorophenol
 Concen: 41.407 ng
 RT: 10.47 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BG042590.D
 Acq: 30 Aug 2019 8:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	48.1	88.1
98	28.3	7.6	47.6

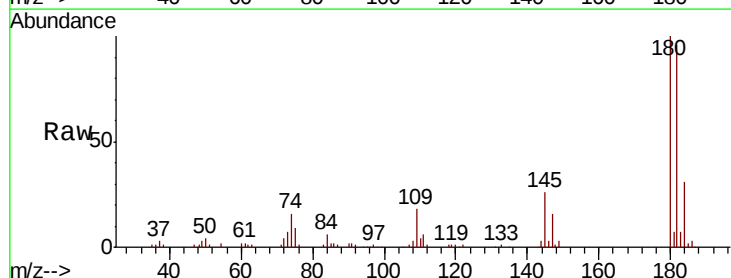


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

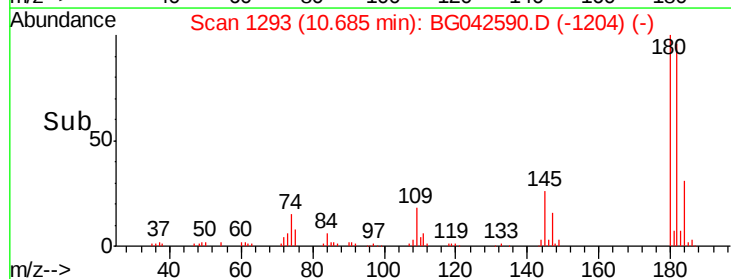
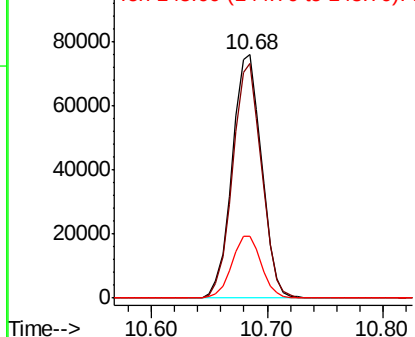


#30
 1,2,4-Trichlorobenzene
 Concen: 42.334 ng
 RT: 10.68 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BG042590.D
 Acq: 30 Aug 2019 8:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	78.7	118.1
145	25.5	21.6	32.4



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

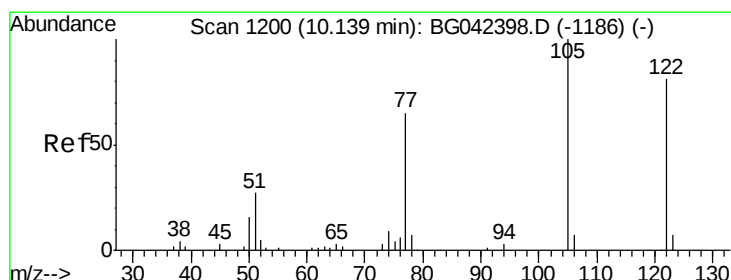
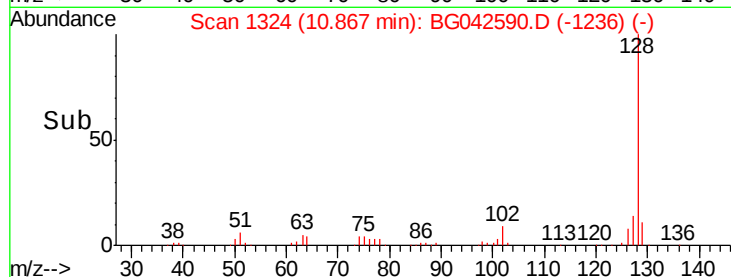
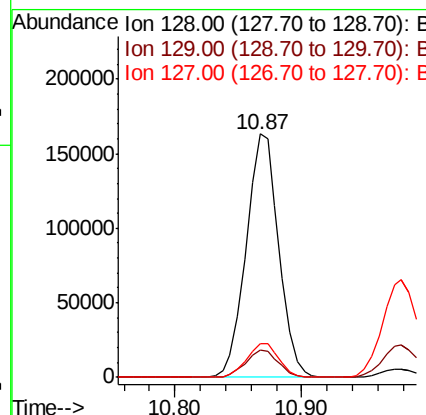
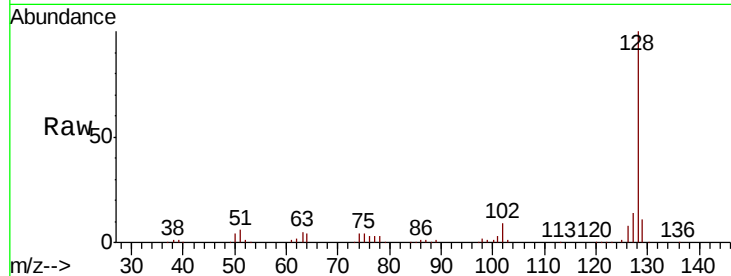




#31
Naphthalene
Concen: 40.021 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042590.D
Acq: 30 Aug 2019 8:22

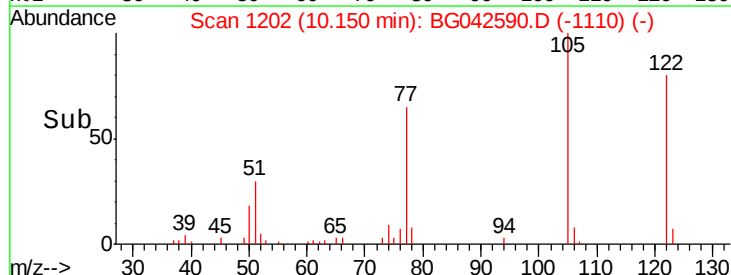
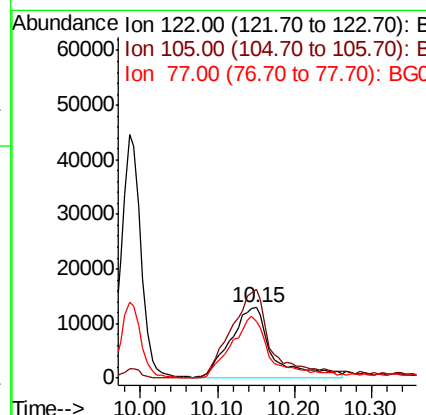
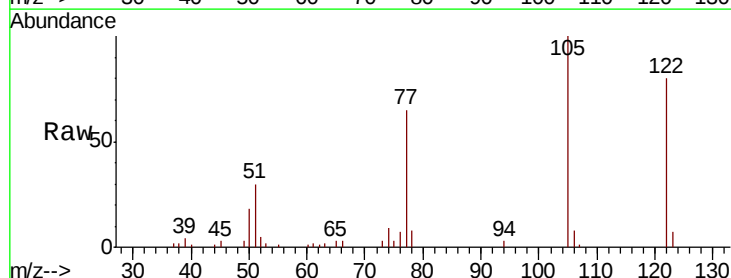
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 289823
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.6 11.4 17.0



#32
Benzoic acid
Concen: 35.736 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BG042590.D
Acq: 30 Aug 2019 8:22

Tgt Ion:122 Resp: 47571
Ion Ratio Lower Upper
122 100
105 125.0 99.6 139.6
77 80.9 59.5 99.5

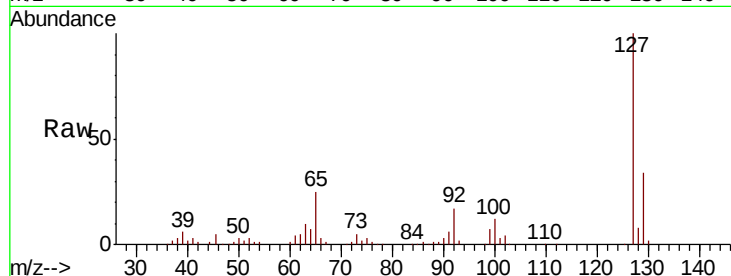




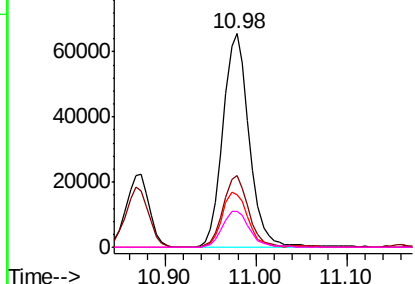
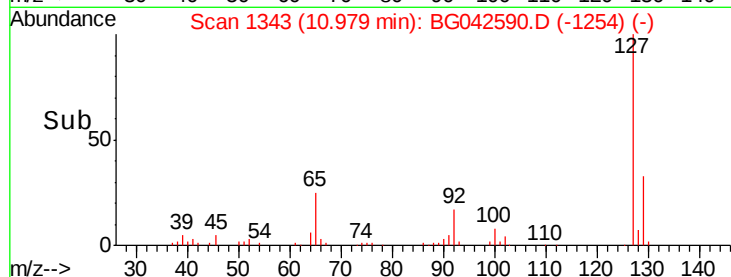
#33
4-Chloroaniline
Concen: 39.624 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG042590.D
Acq: 30 Aug 2019 8:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	132464
Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.8	40.2
65	24.8	20.7	31.1
92	16.9	13.6	20.4

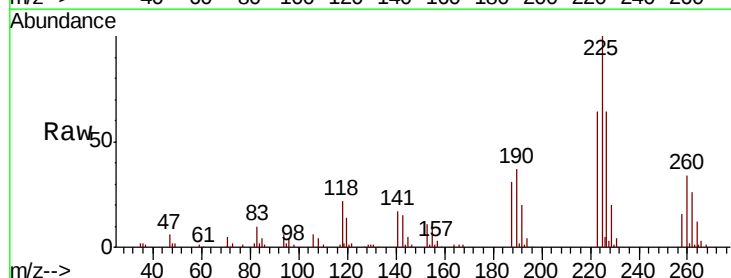


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

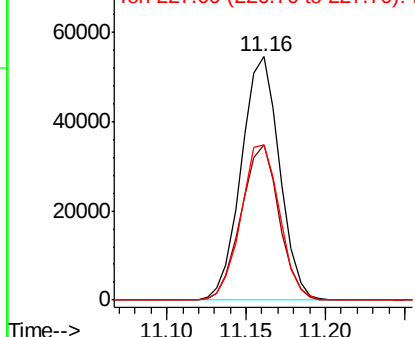
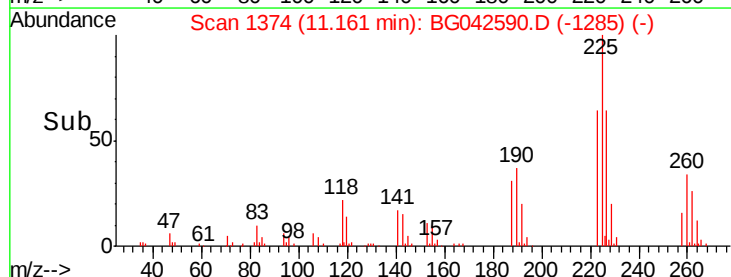


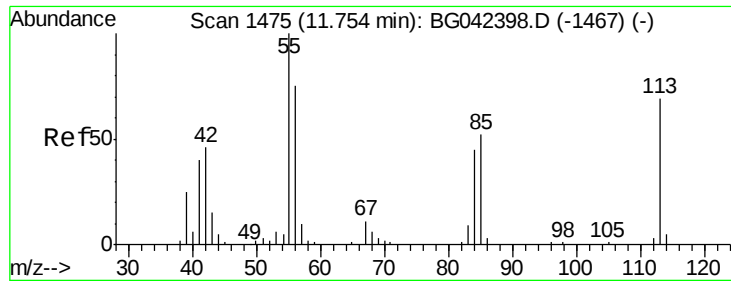
#34
Hexachlorobutadiene
Concen: 42.934 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG042590.D
Acq: 30 Aug 2019 8:22

Tgt Ion:	225	Resp:	91428
Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.8	74.6
227	63.9	50.9	76.3



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

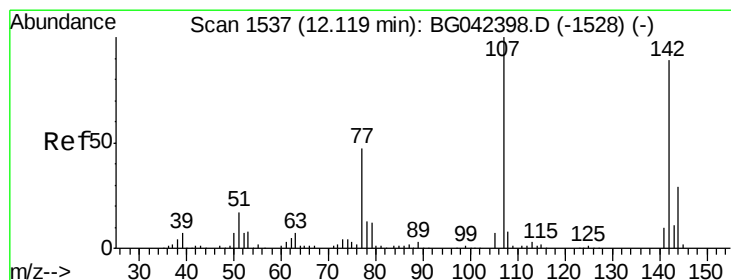
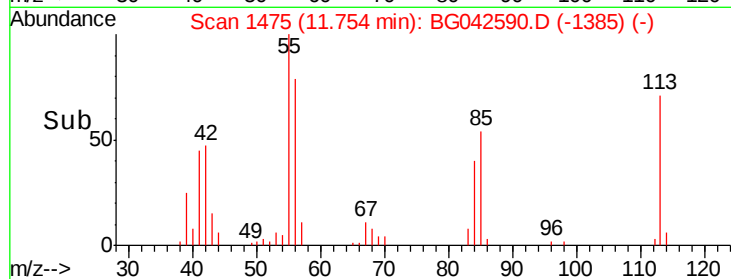
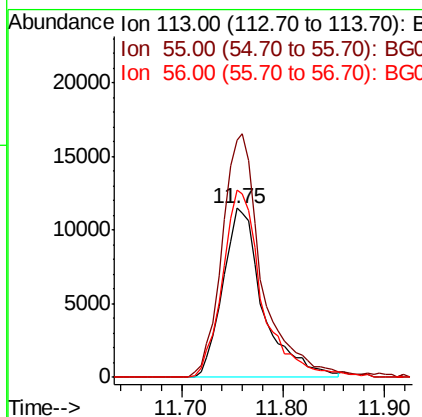
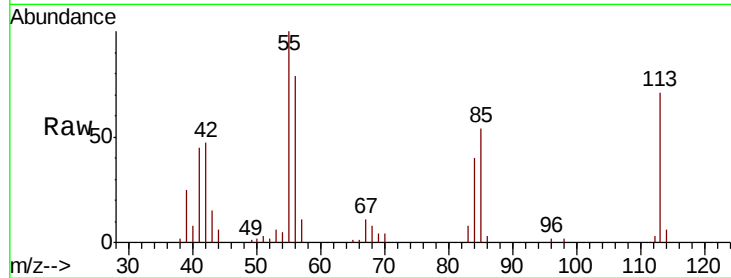




#35
 Caprolactam
 Concen: 36.578 ng
 RT: 11.75 min Scan# 1475
 Delta R.T. -0.00 min
 Lab File: BG042590.D
 Acq: 30 Aug 2019 8:22

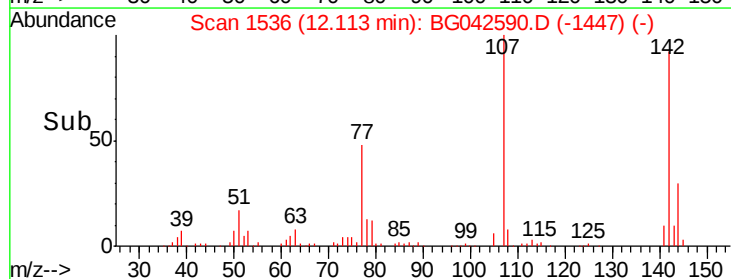
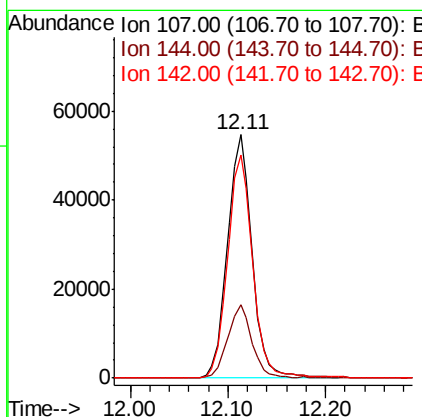
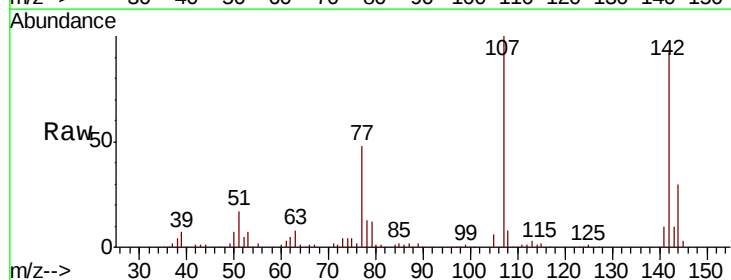
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:113 Resp: 31508
 Ion Ratio Lower Upper
 113 100
 55 140.9 124.6 164.6
 56 110.6 88.3 128.3



#36
 4-Chloro-3-methylphenol
 Concen: 39.088 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BG042590.D
 Acq: 30 Aug 2019 8:22

Tgt Ion:107 Resp: 95789
 Ion Ratio Lower Upper
 107 100
 144 29.9 23.6 35.4
 142 91.7 71.0 106.4

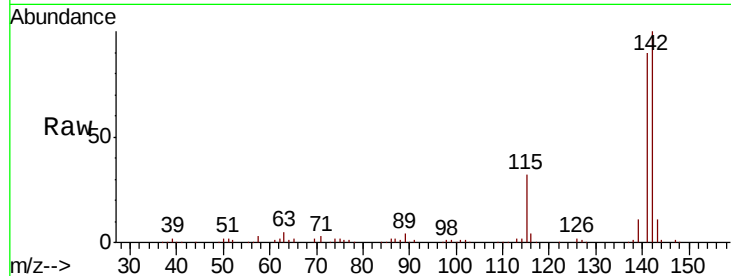




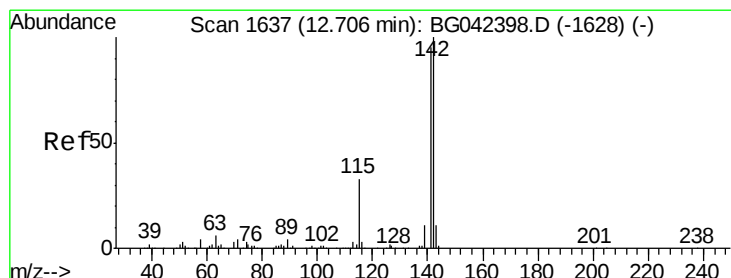
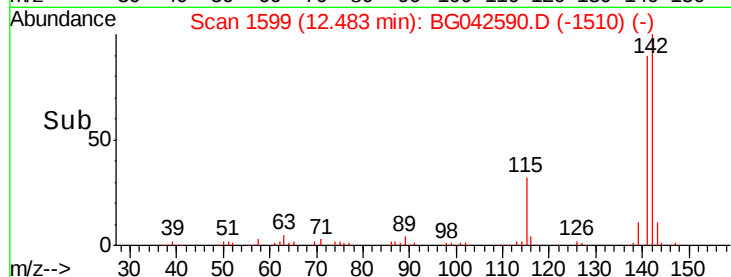
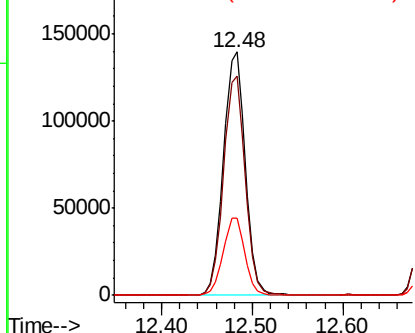
#37
 2-Methylnaphthalene
 Concen: 40.133 ng
 RT: 12.48 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BG042590.D
 Acq: 30 Aug 2019 8:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.4	107.2
115	31.9	25.2	37.8

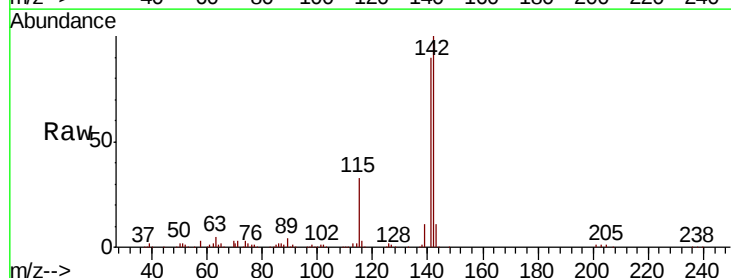


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

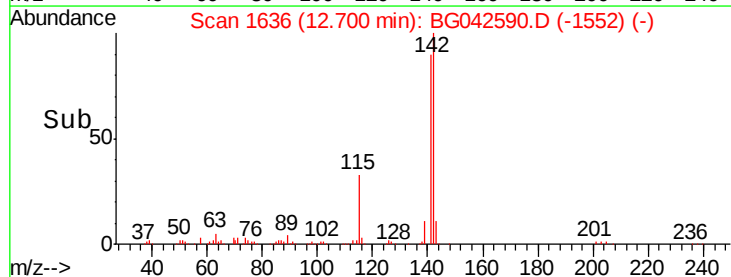
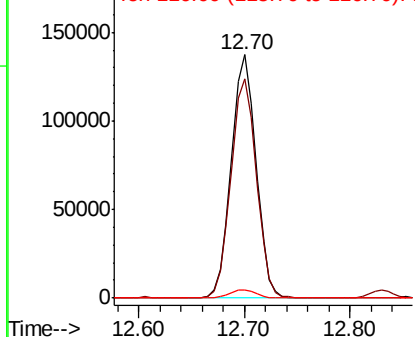


#38
 1-Methylnaphthalene
 Concen: 40.204 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BG042590.D
 Acq: 30 Aug 2019 8:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	76.2	114.2
116	3.4	2.8	4.2



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: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

Instrument :

BNA_G

ClientSampled :

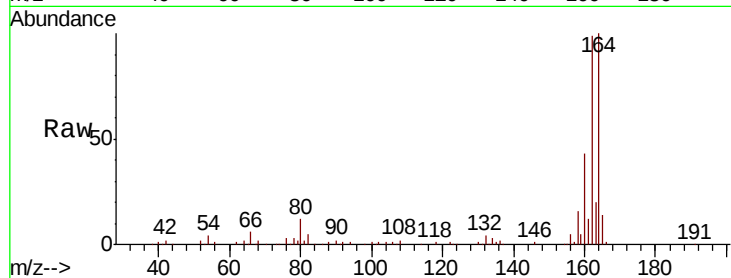
Tot Ion:164 Resp: 116787

Ion Ratio Lower Upper

164 100

162 98.6 79.9 119.9

160 42.9 34.3 51.5

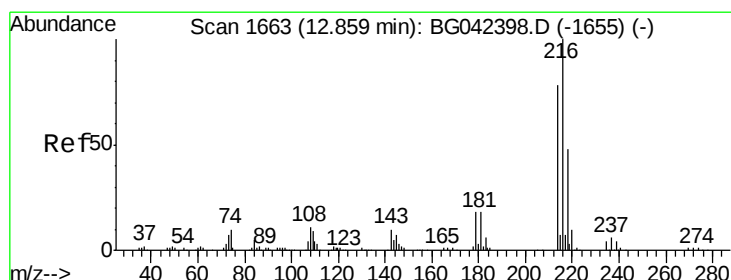
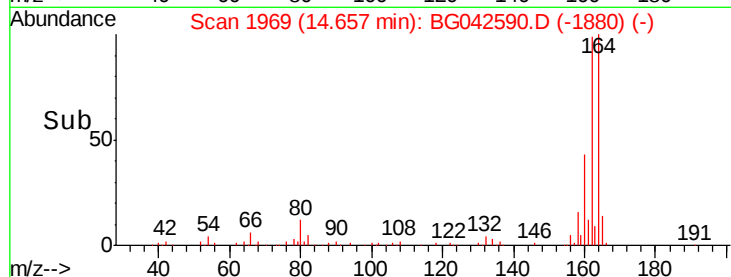
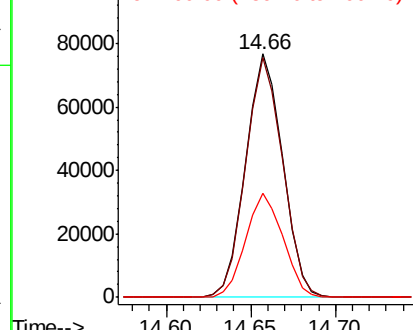


Abundance

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: 42.700 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

Tgt Ion:216 Resp: 160144

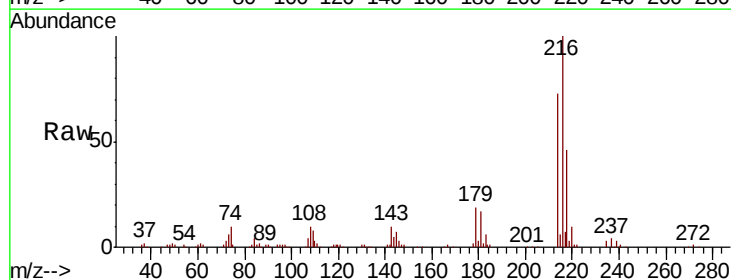
Ion Ratio Lower Upper

216 100

214 76.5 61.4 92.2

179 18.8 15.1 22.7

108 11.4 9.4 14.0



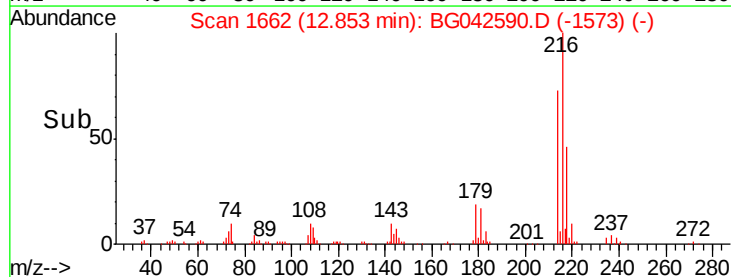
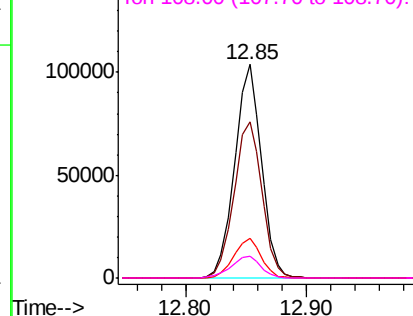
Abundance

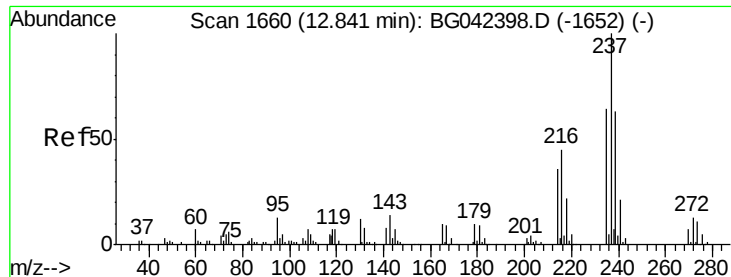
Ion 216.00 (215.70 to 216.70): E

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: 40.835 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

Instrument :

BNA_G

ClientSampleId :

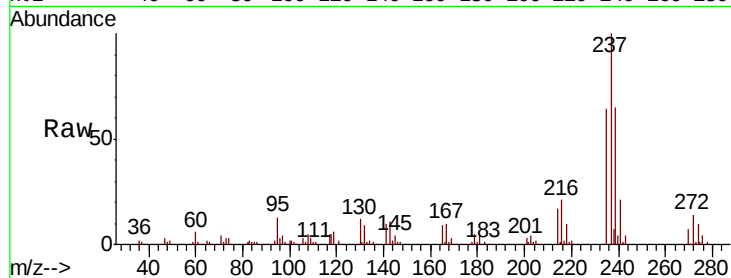
Tot Ion:237 Resp: 80448

Ion Ratio Lower Upper

237 100

235 64.4 43.7 83.7

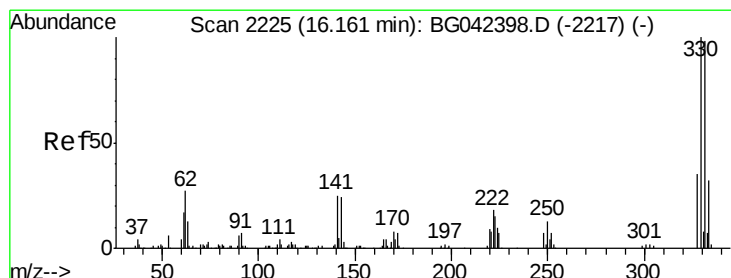
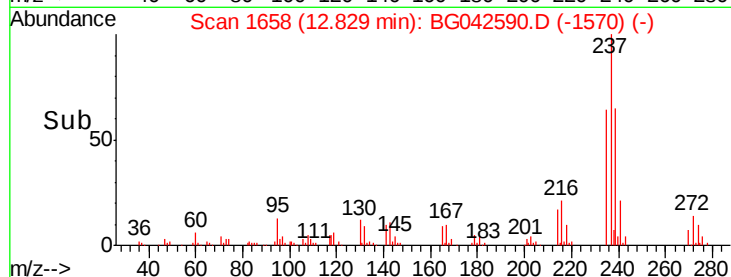
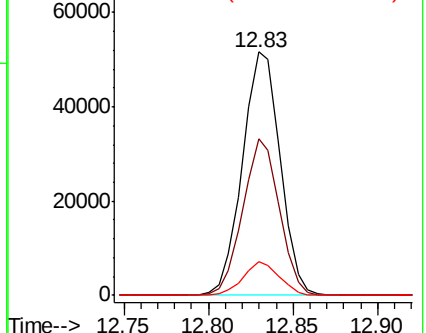
272 13.9 0.0 33.3



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: 81.847 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

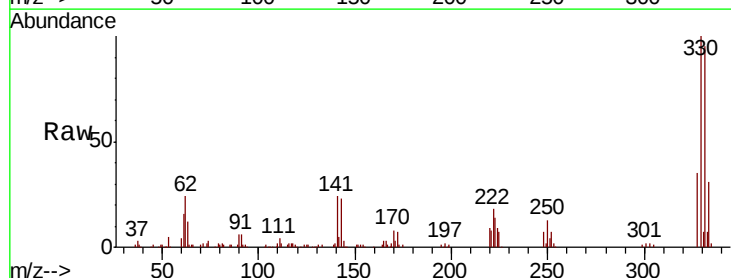
Tgt Ion:330 Resp: 135860

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.0

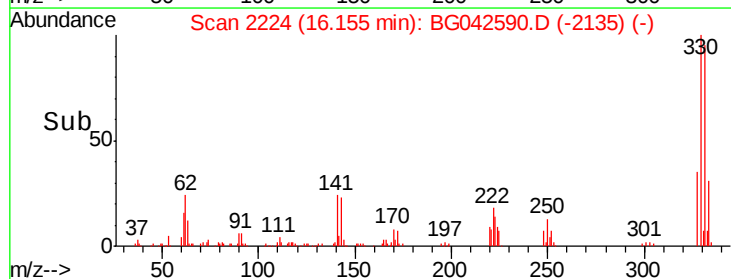
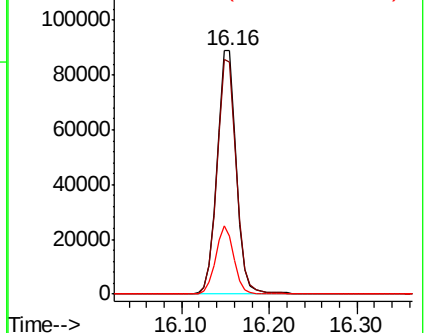
141 26.7 21.4 32.0

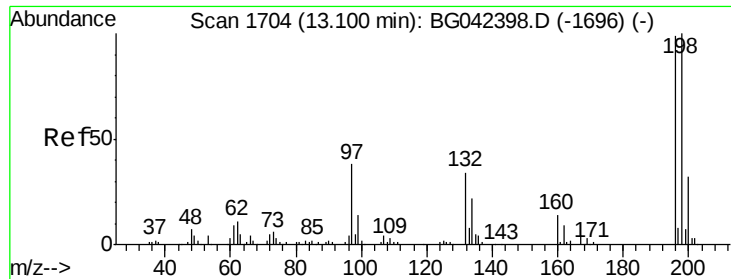


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

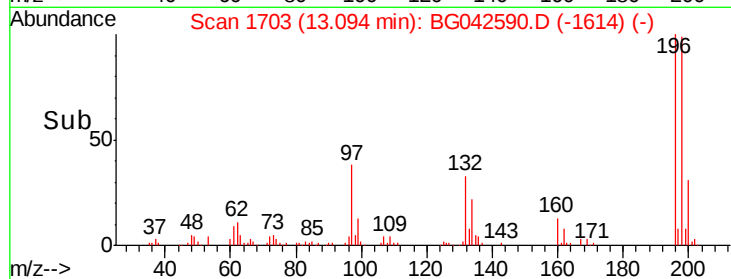
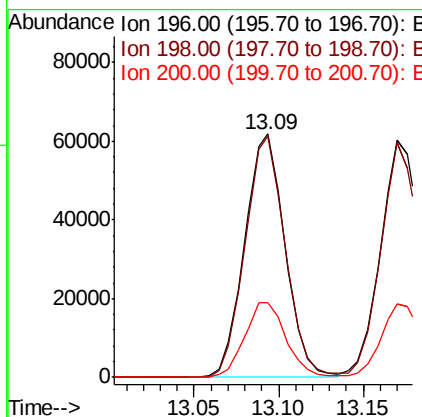
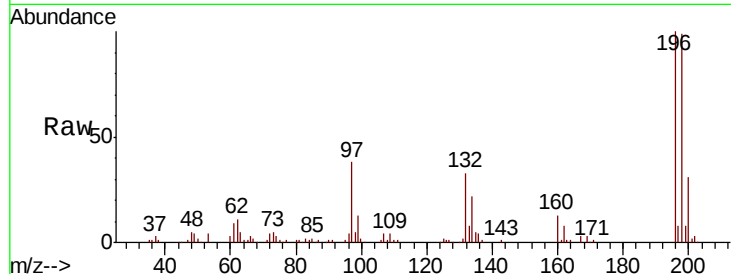




#43
 2,4,6-Trichlorophenol
 Concen: 40.627 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042590.D
 Acq: 30 Aug 2019 8:22

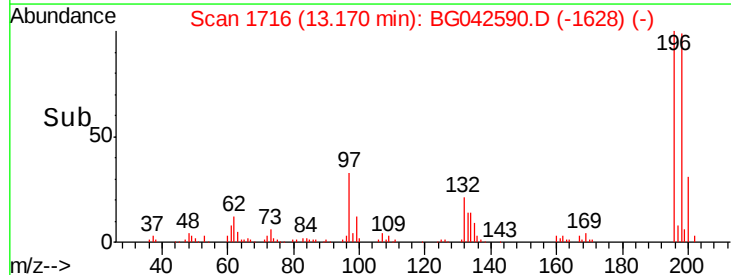
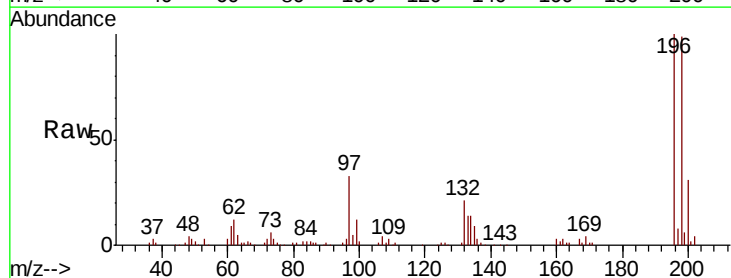
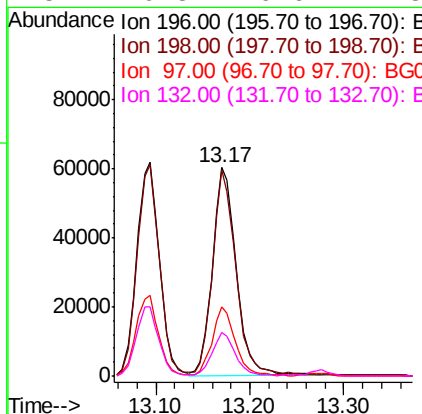
Instrument :
 BNA_G
 ClientSampleId :

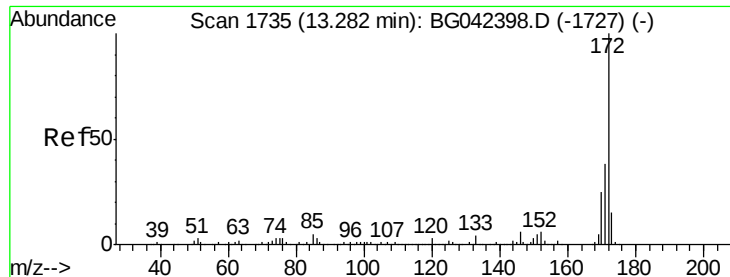
Tot Ion	196	Resp	102993
Ion Ratio	Lower	Upper	
196	100		
198	98.9	80.7	121.1
200	30.5	25.7	38.5



#44
 2,4,5-Trichlorophenol
 Concen: 40.839 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042590.D
 Acq: 30 Aug 2019 8:22

Tgt Ion	196	Resp	107285
Ion Ratio	Lower	Upper	
196	100		
198	99.1	80.2	120.4
97	33.2	26.3	39.5
132	20.8	16.6	24.8

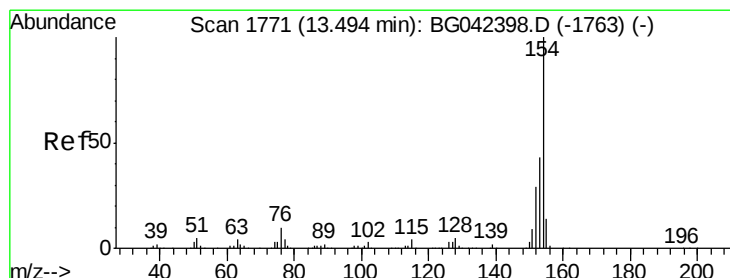
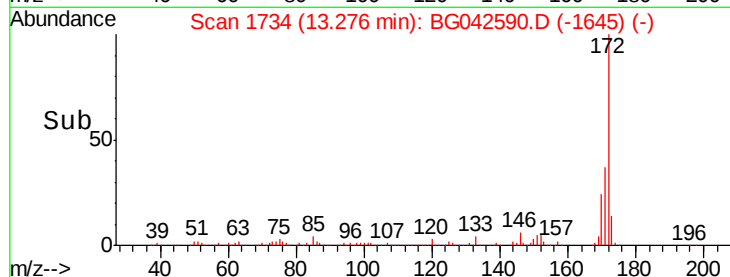
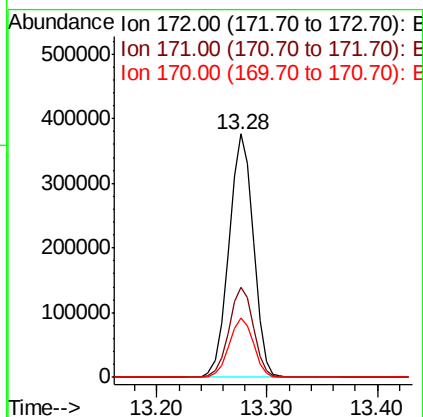
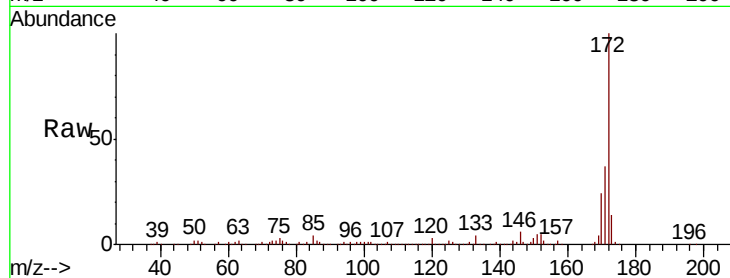




#45
 2-Fluorobiphenyl
 Concen: 84.647 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042590.D
 Acq: 30 Aug 2019 8:22

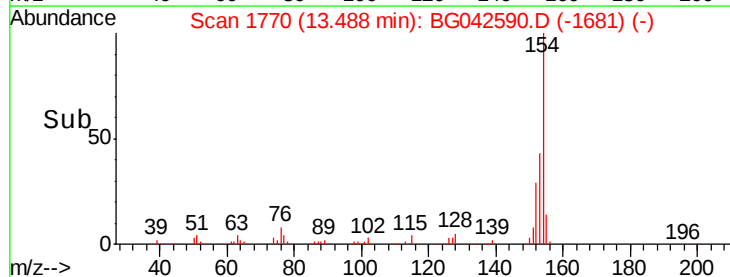
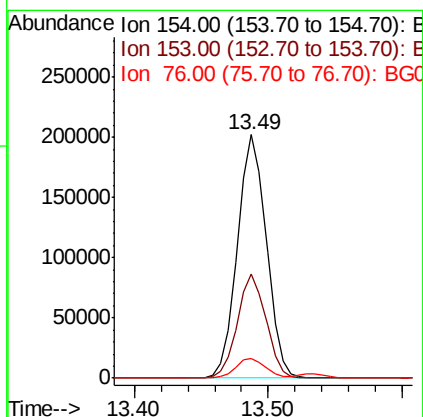
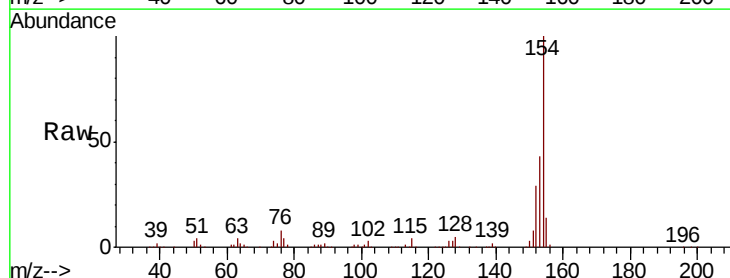
Instrument :
 BNA_G
 ClientSampleId :

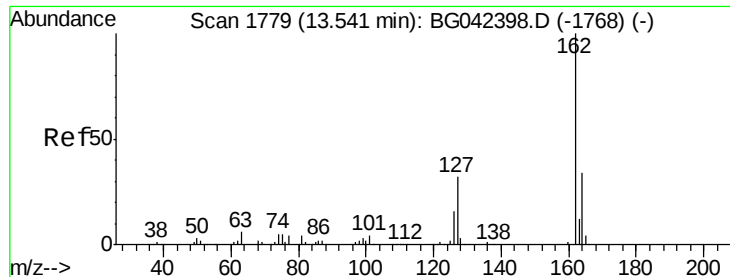
Tot Ion:172 Resp: 584504
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.5 45.7
 170 24.2 20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 40.191 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG042590.D
 Acq: 30 Aug 2019 8:22

Tgt Ion:154 Resp: 303410
 Ion Ratio Lower Upper
 154 100
 153 42.9 23.0 63.0
 76 8.3 0.0 29.6





#47

2-Chloronaphthalene

Concen: 40.652 ng

RT: 13.53 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

Instrument :

BNA_G

ClientSampleId :

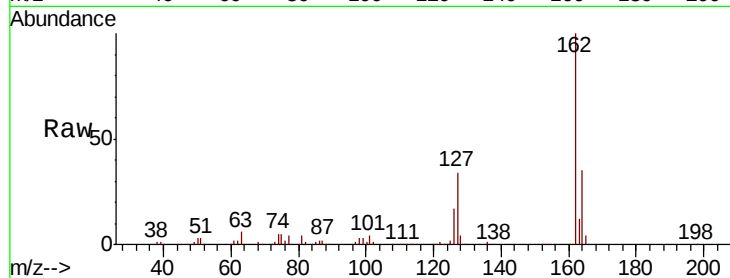
Tot Ion:162 Resp: 264622

Ion Ratio Lower Upper

162 100

127 33.9 26.0 39.0

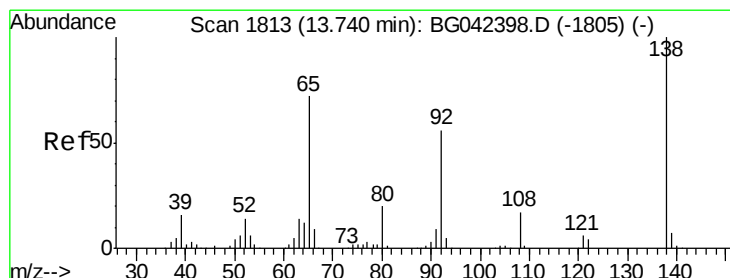
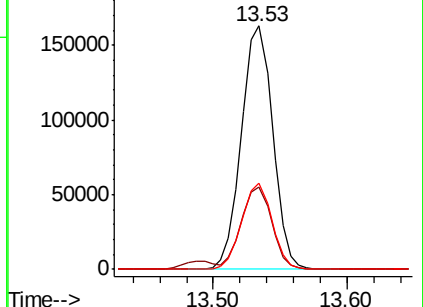
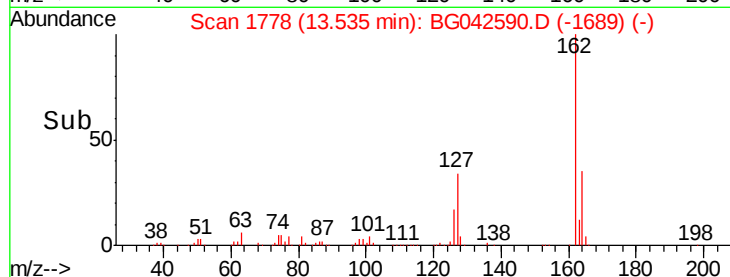
164 35.4 27.4 41.0



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: 39.234 ng

RT: 13.73 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

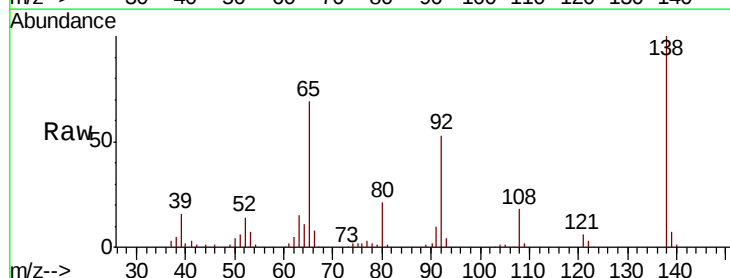
Tgt Ion: 65 Resp: 61586

Ion Ratio Lower Upper

65 100

92 76.6 61.8 92.6

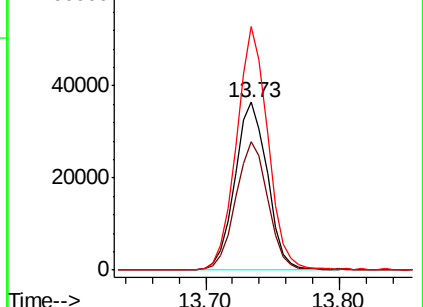
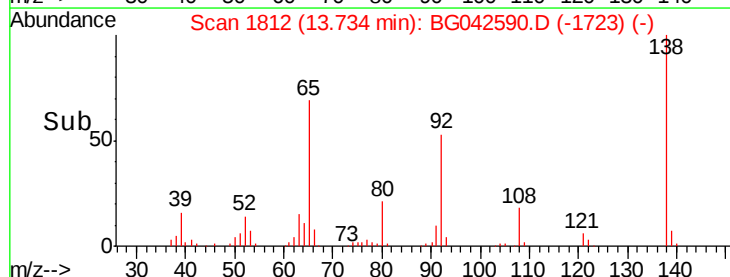
138 145.4 111.0 166.6

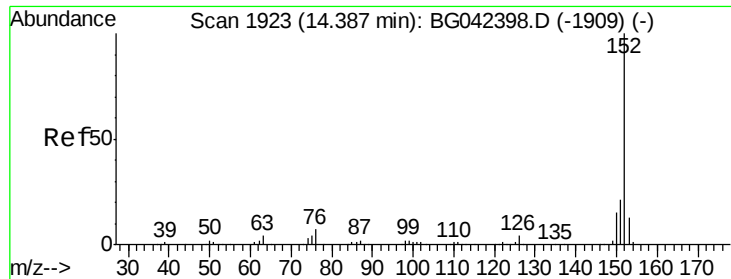


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.403 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

Instrument :

BNA_G

ClientSampleId :

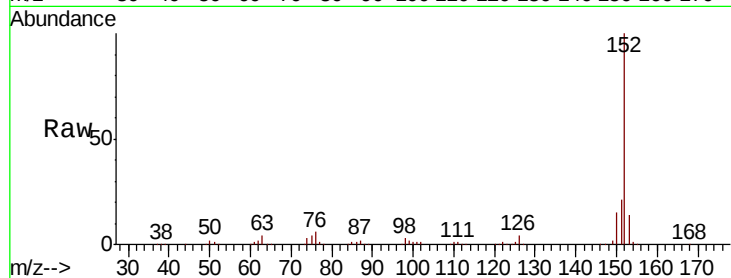
Tot Ion:152 Resp: 395676

Ion Ratio Lower Upper

152 100

151 21.0 17.0 25.4

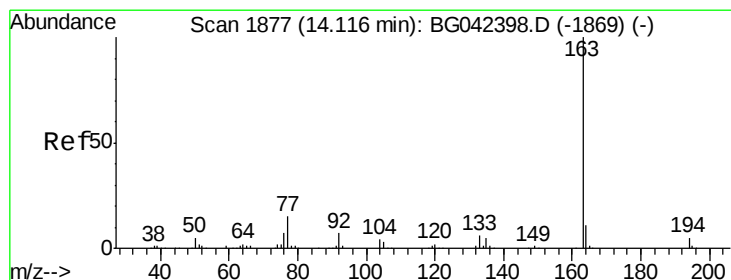
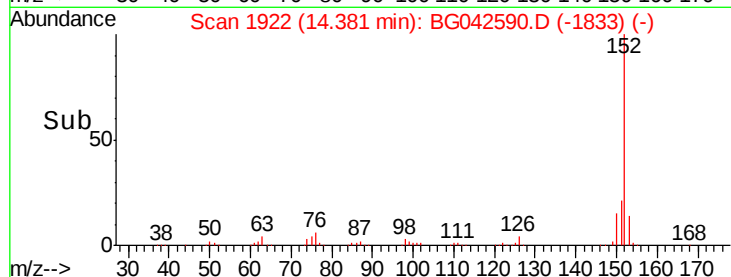
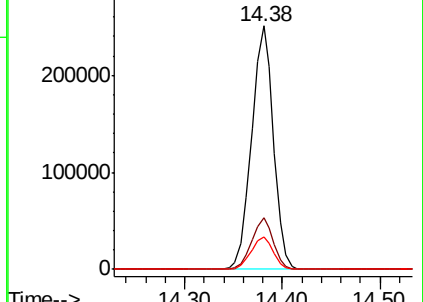
153 13.5 10.6 16.0



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: 39.854 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

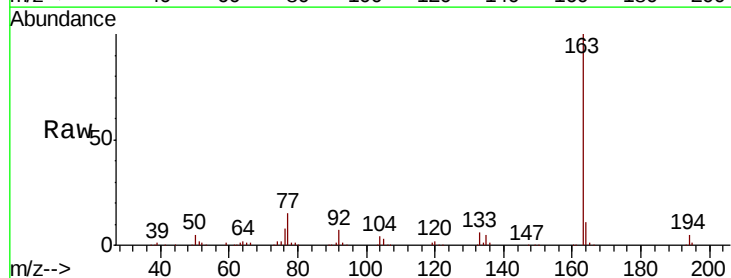
Tgt Ion:163 Resp: 335833

Ion Ratio Lower Upper

163 100

194 5.4 4.2 6.2

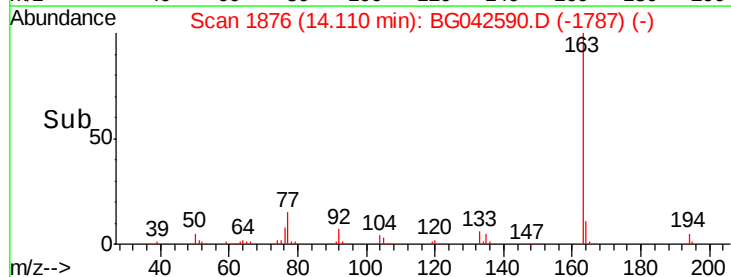
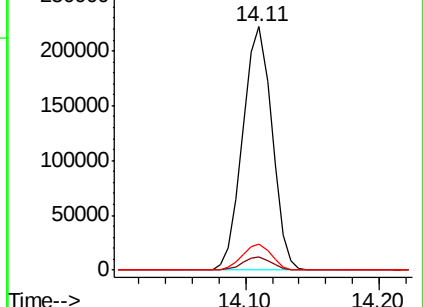
164 10.7 8.8 13.2

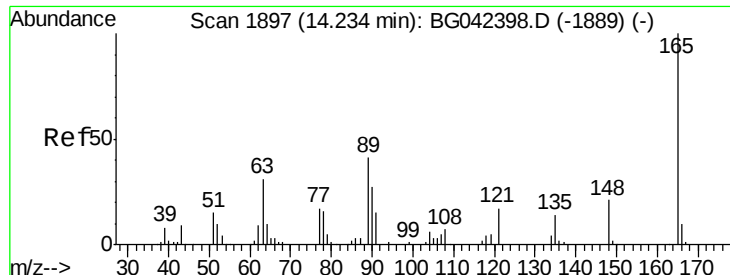


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

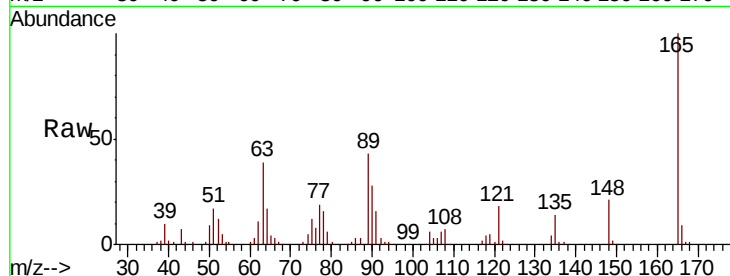




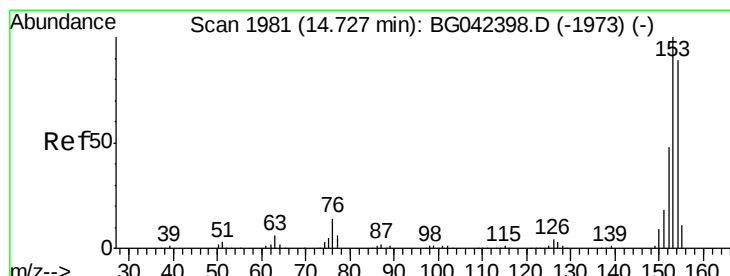
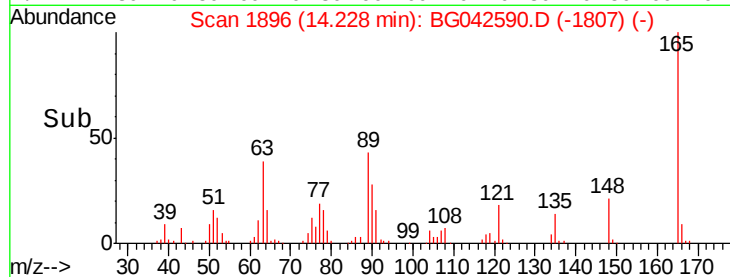
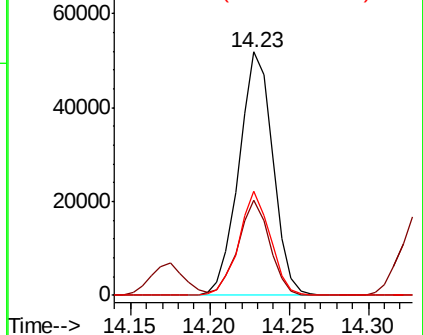
#51
 2,6-Dinitrotoluene
 Concen: 39.447 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BG042590.D
 Acq: 30 Aug 2019 8:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 77048
 Ion Ratio Lower Upper
 165 100
 63 39.1 30.6 45.8
 89 42.6 32.6 49.0

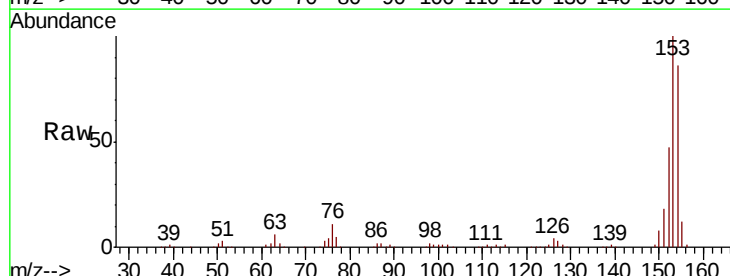


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

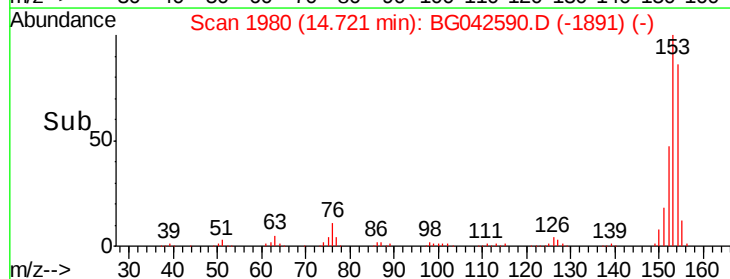
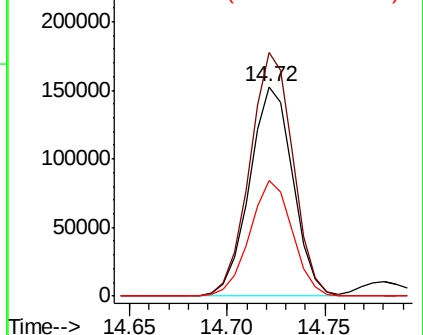


#52
 Acenaphthene
 Concen: 39.488 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BG042590.D
 Acq: 30 Aug 2019 8:22

Tgt Ion:154 Resp: 234818
 Ion Ratio Lower Upper
 154 100
 153 116.2 90.2 135.4
 152 55.0 43.2 64.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

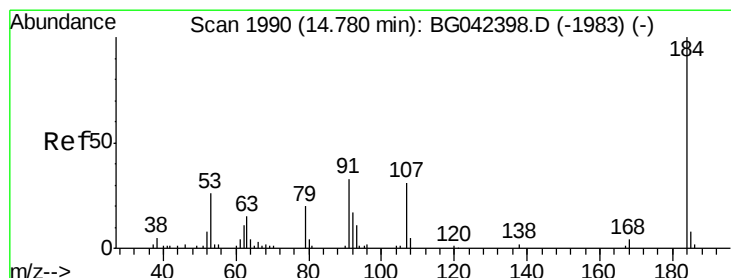
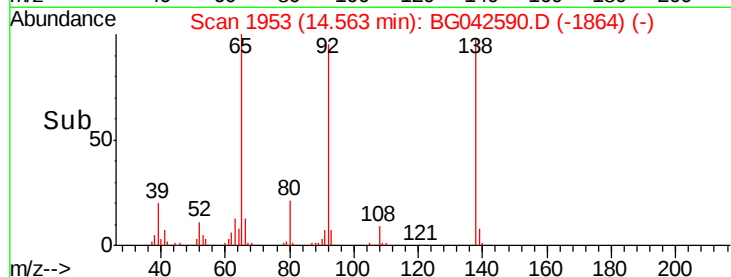
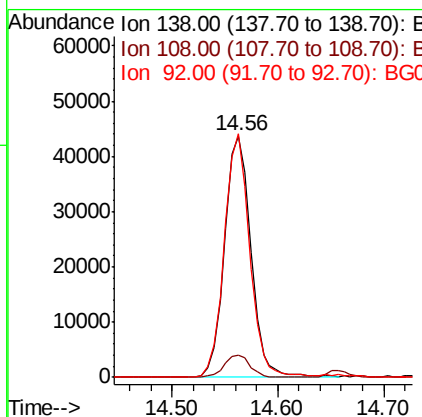
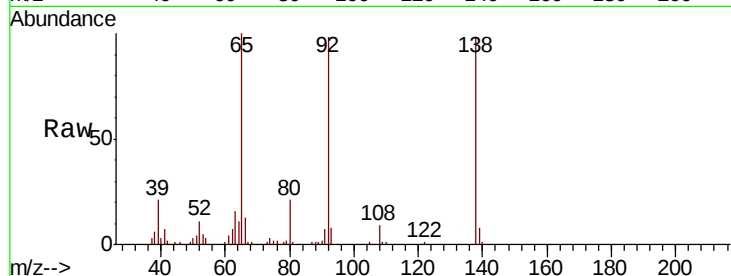




#53
 3-Nitroaniline
 Concen: 38.763 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BG042590.D
 Acq: 30 Aug 2019 8:22

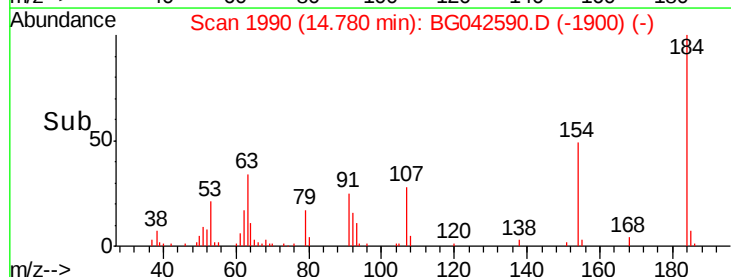
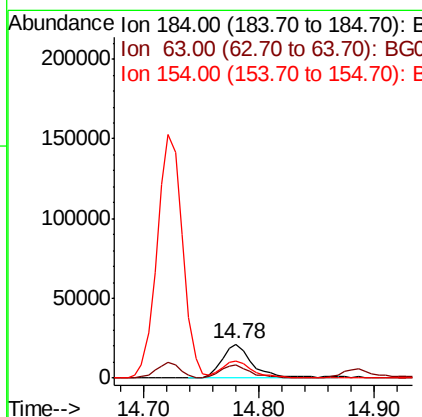
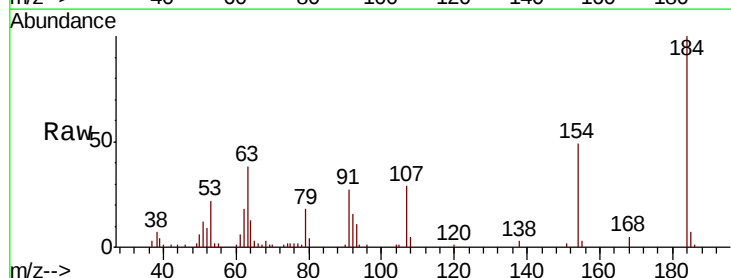
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:138 Resp: 75721
 Ion Ratio Lower Upper
 138 100
 108 9.2 8.3 12.5
 92 100.7 78.2 117.4



#54
 2,4-Dinitrophenol
 Concen: 34.135 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: BG042590.D
 Acq: 30 Aug 2019 8:22

Tgt Ion:184 Resp: 39817
 Ion Ratio Lower Upper
 184 100
 63 38.3 31.7 47.5
 154 48.9 42.0 63.0

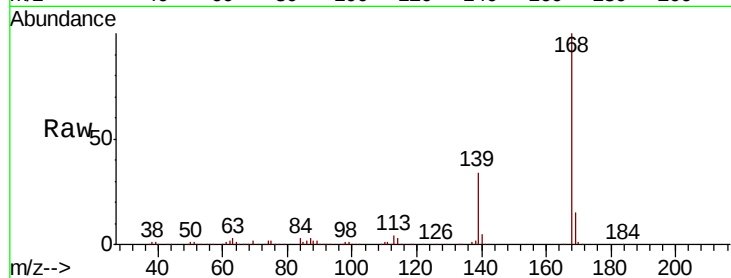




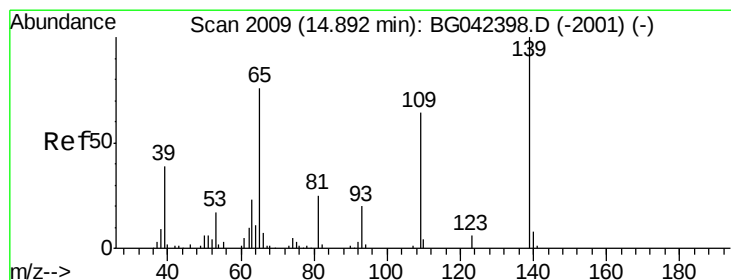
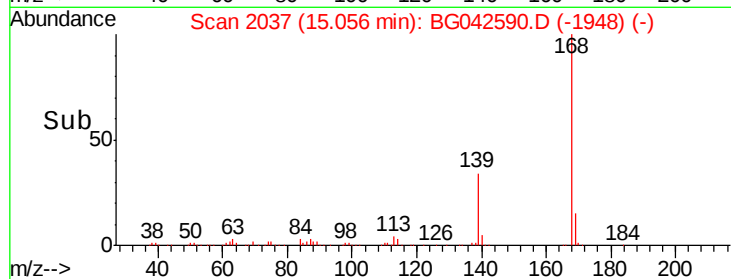
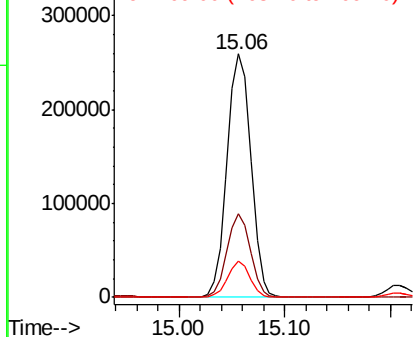
#55
Dibenzenofuran
Concen: 41.131 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG042590.D
Acq: 30 Aug 2019 8:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.5	27.2	40.8
169	14.8	11.5	17.3

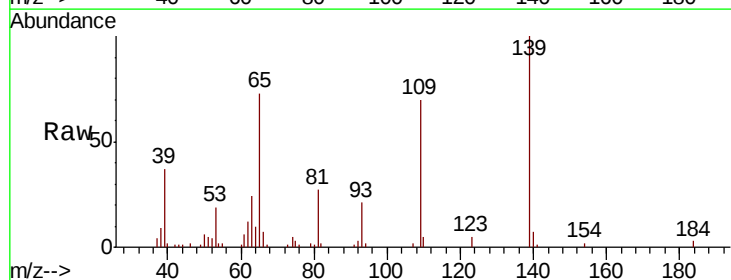


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

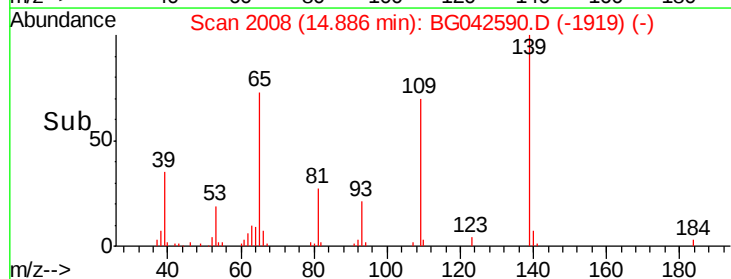
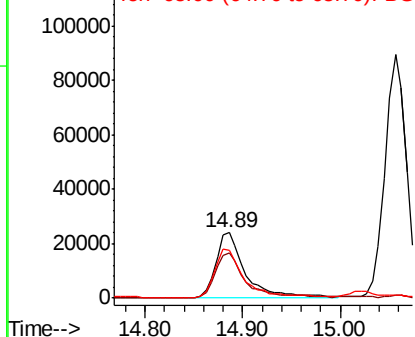


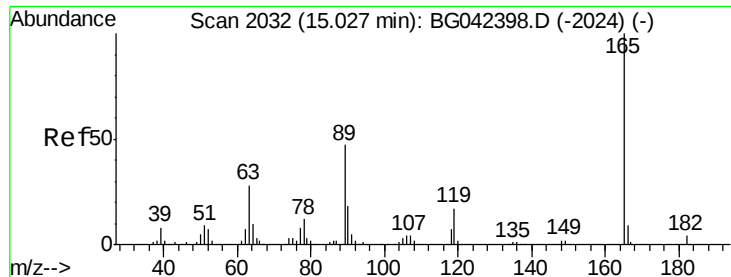
#56
4-Nitrophenol
Concen: 36.594 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG042590.D
Acq: 30 Aug 2019 8:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.2	43.9	83.9
65	73.3	56.3	96.3



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

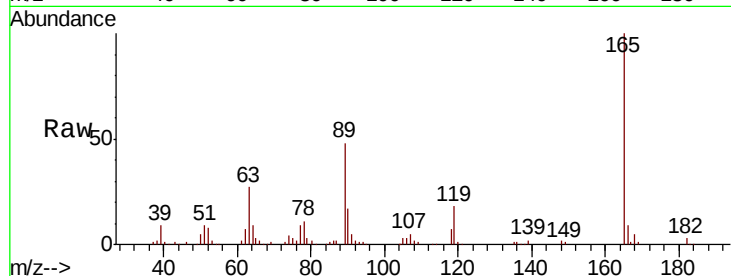




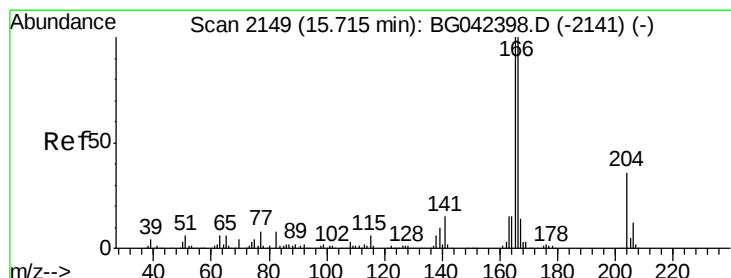
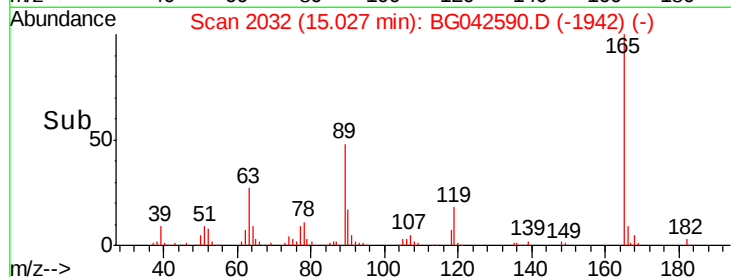
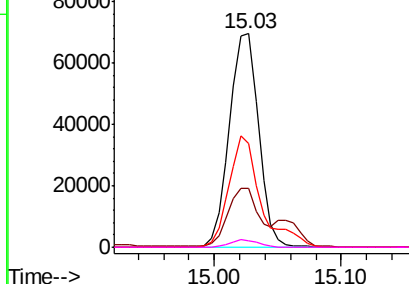
#57
2,4-Dinitrotoluene
Concen: 39.620 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG042590.D
Acq: 30 Aug 2019 8:22

Instrument :
BNA_G
ClientSampled :

Tot Ion:165	Resp:	110815
Ion Ratio	Lower	Upper
165	100	
63	27.4	22.5 33.7
89	48.5	37.8 56.6
182	3.2	3.0 4.4

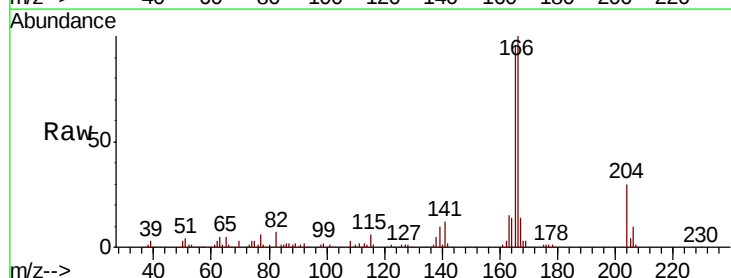


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

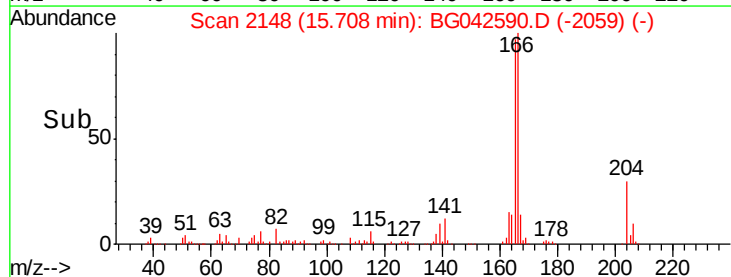
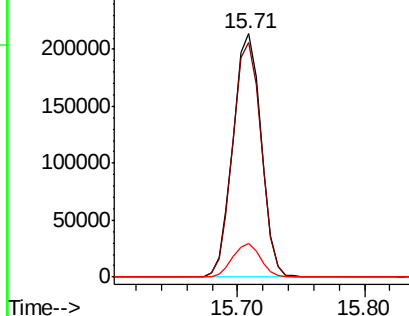


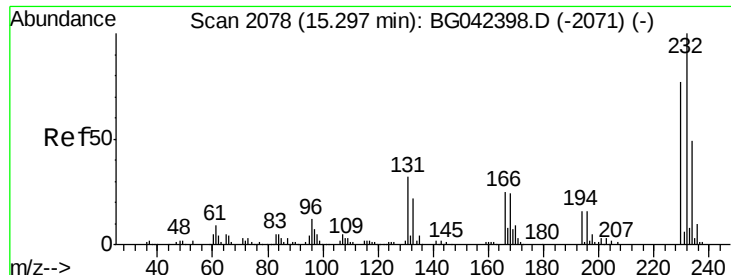
#58
Fluorene
Concen: 40.740 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG042590.D
Acq: 30 Aug 2019 8:22

Tgt Ion:166	Resp:	327806
Ion Ratio	Lower	Upper
166	100	
165	96.5	79.7 119.5
167	14.1	10.9 16.3



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

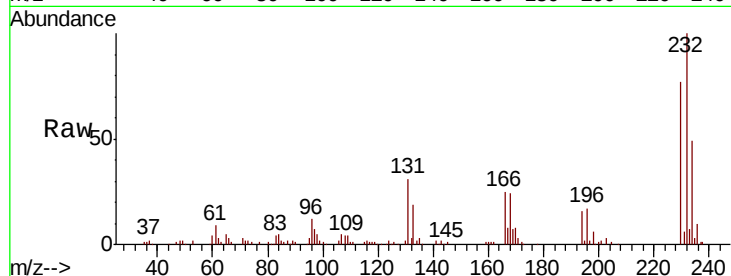




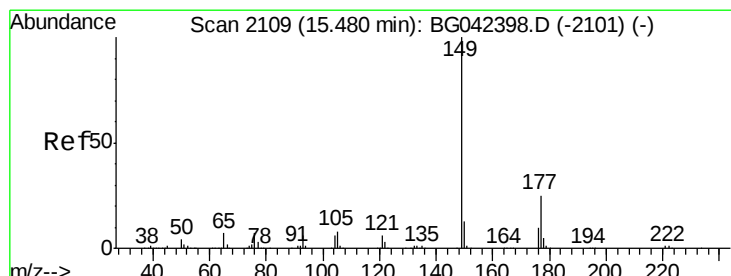
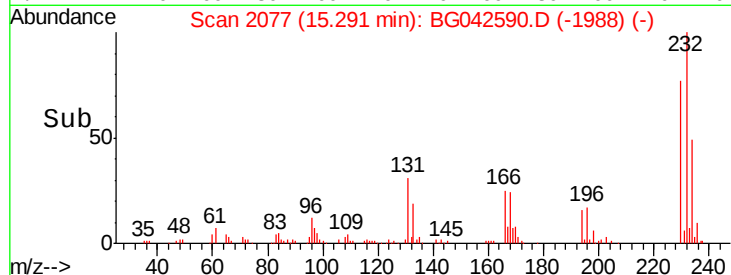
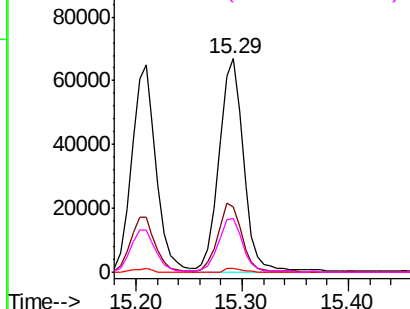
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.667 ng m
 RT: 15.29 min Scan# 2077
 Delta R.T. -0.01 min
 Lab File: BG042590.D
 Acq: 30 Aug 2019 8:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	108249
Ion	Ratio	Lower	Upper
232	100		
131	26.6	22.9	34.3
130	1.4	1.4	2.0
166	20.2	17.0	25.4

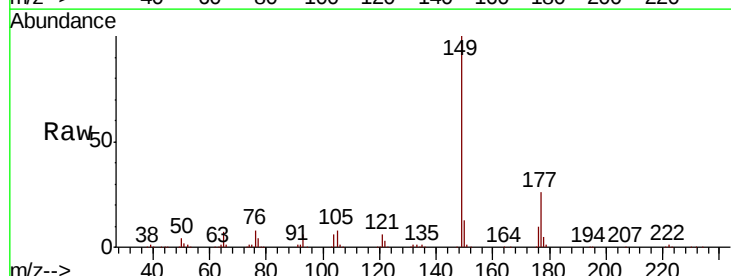


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

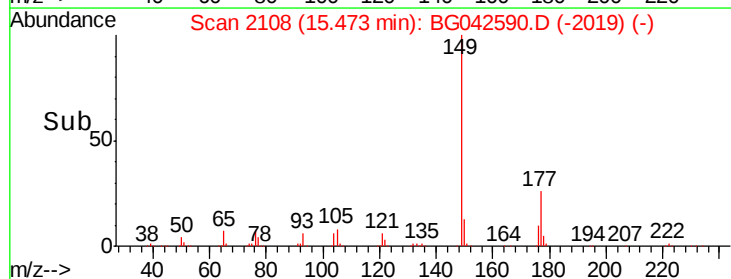
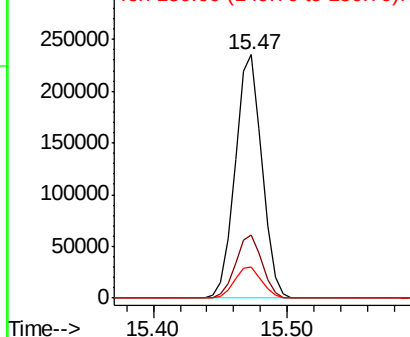


#60
 Diethylphthalate
 Concen: 39.493 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BG042590.D
 Acq: 30 Aug 2019 8:22

Tgt Ion:	149	Resp:	325323
Ion	Ratio	Lower	Upper
149	100		
177	25.7	20.4	30.6
150	13.0	10.3	15.5



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

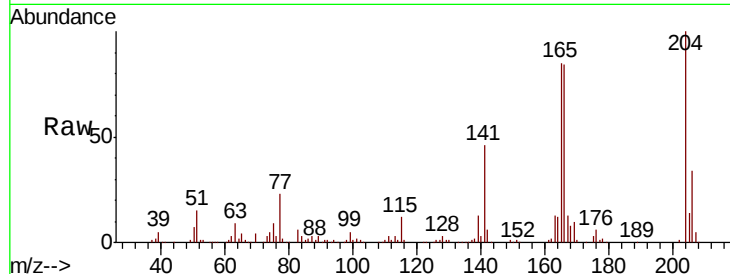




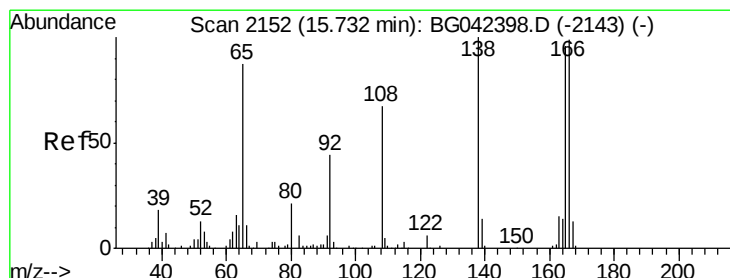
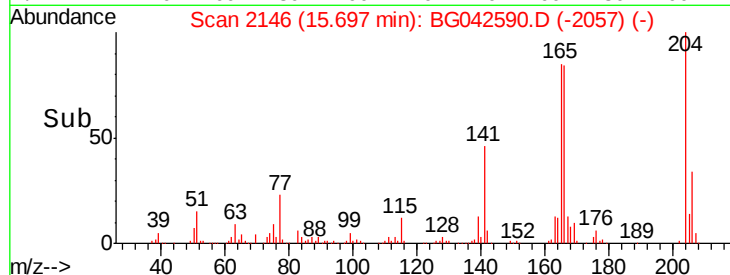
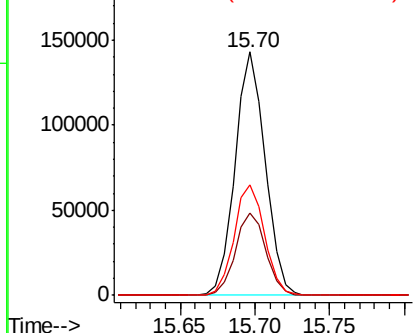
#61
 4-Chlorophenyl-phenylether
 Concen: 41.258 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BG042590.D
 Acq: 30 Aug 2019 8:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:204 Resp: 200120
 Ion Ratio Lower Upper
 204 100
 206 33.7 27.2 40.8
 141 45.6 38.7 58.1

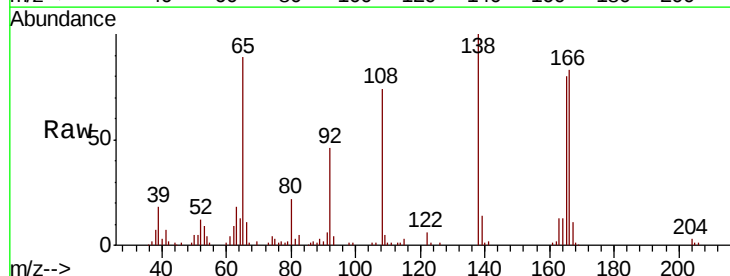


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

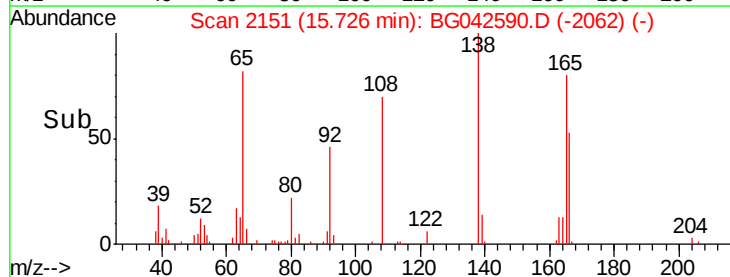
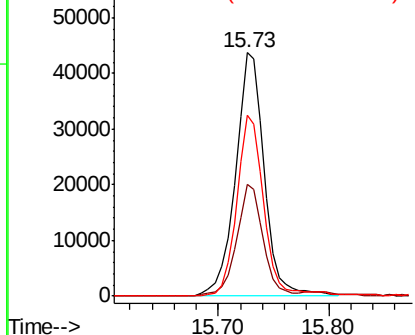


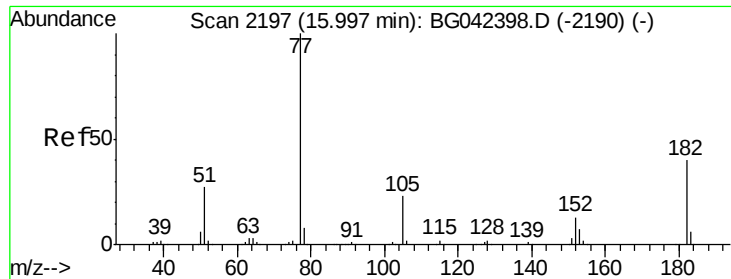
#62
 4-Nitroaniline
 Concen: 38.316 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG042590.D
 Acq: 30 Aug 2019 8:22

Tgt Ion:138 Resp: 80104
 Ion Ratio Lower Upper
 138 100
 92 45.8 24.2 64.2
 108 74.3 46.8 86.8



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





#63

Azobenzene

Concen: 37.776 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 213225

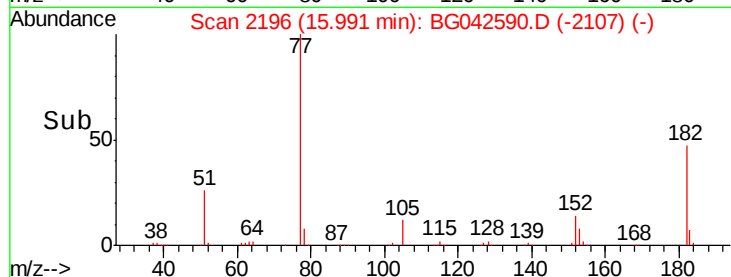
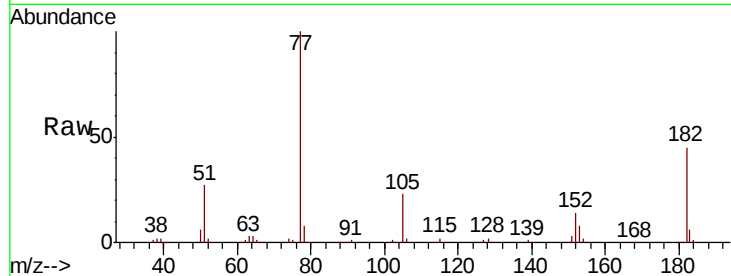
Ion Ratio Lower Upper

77 100

182 44.7 19.9 59.9

105 23.3 2.9 42.9

51 27.3 7.6 47.6

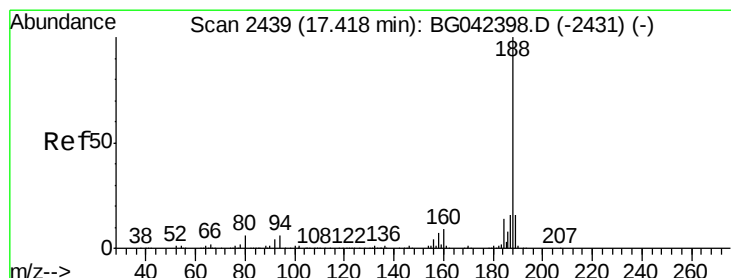
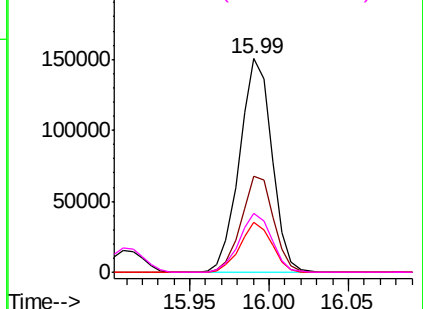


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

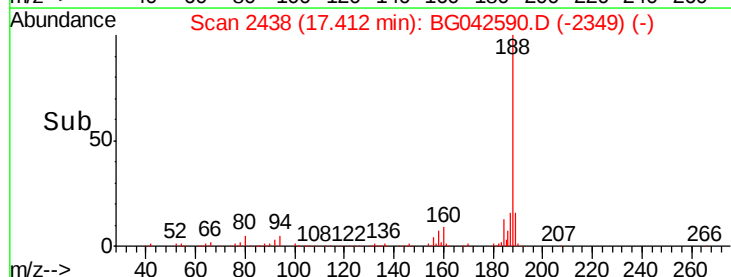
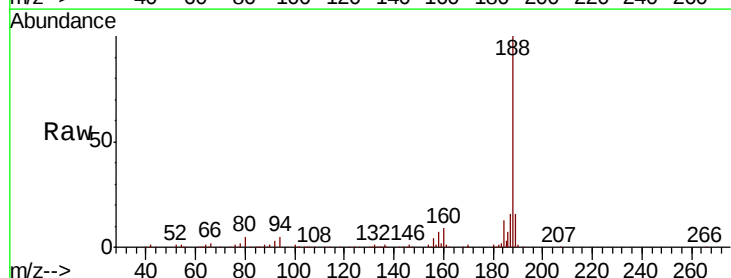
Tgt Ion: 188 Resp: 267095

Ion Ratio Lower Upper

188 100

94 4.8 4.5 6.7

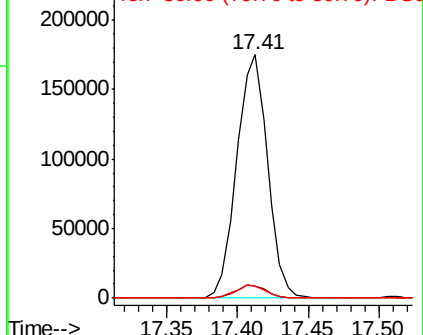
80 4.8 4.9 7.3#



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: 37.361 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

Instrument :

BNA_G

ClientSampled :

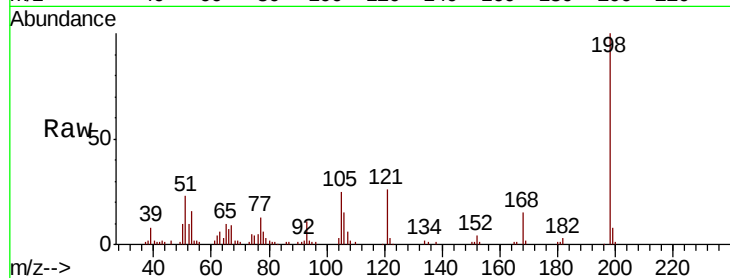
Tot Ion:198 Resp: 62563

Ion Ratio Lower Upper

198 100

51 23.1 4.2 44.2

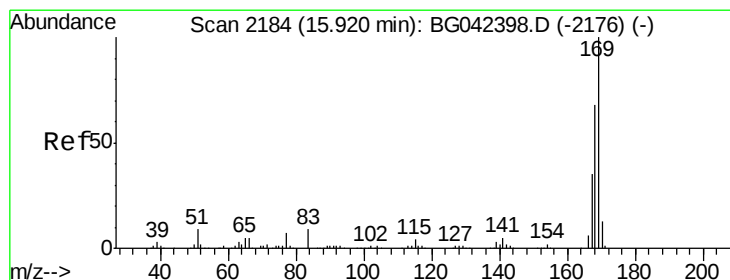
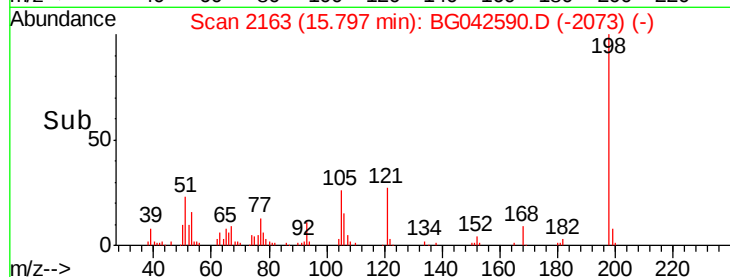
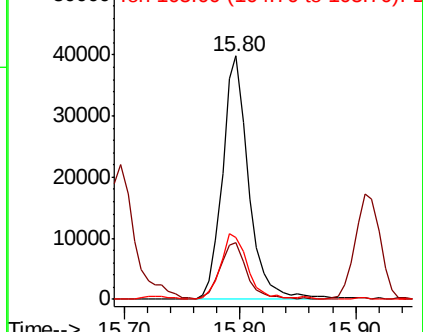
105 25.4 8.8 48.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG042398.D (-2156) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.908 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

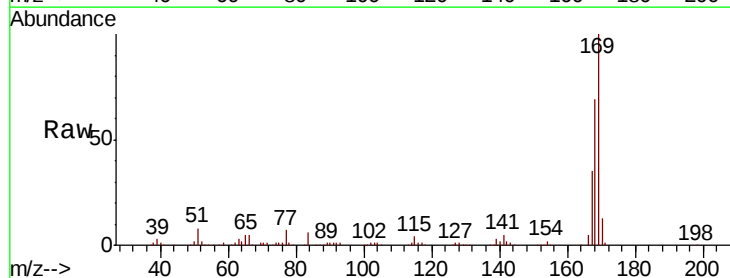
Tgt Ion:169 Resp: 300483

Ion Ratio Lower Upper

169 100

168 68.8 54.3 81.5

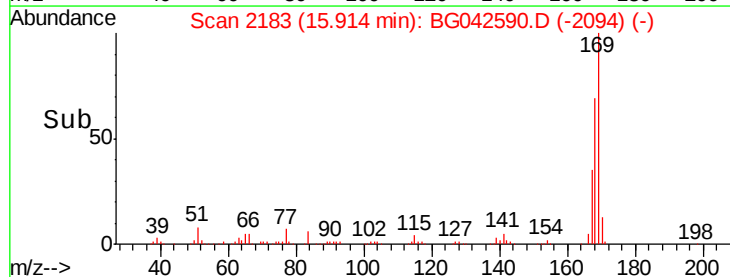
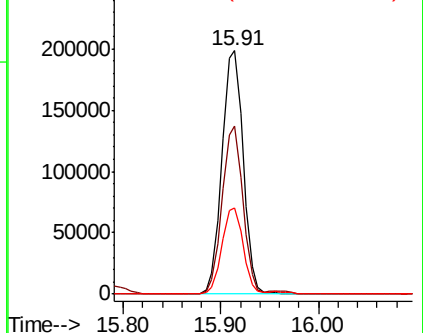
167 35.5 28.2 42.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

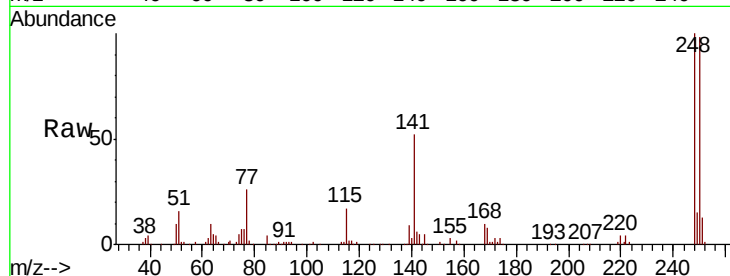




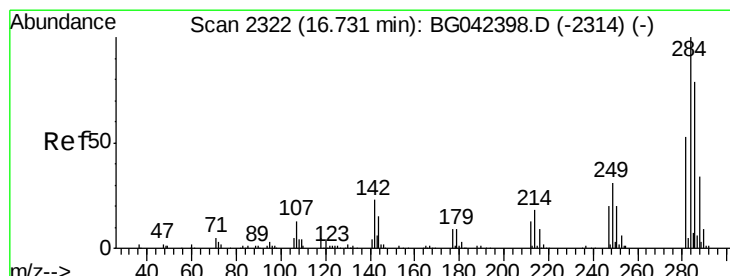
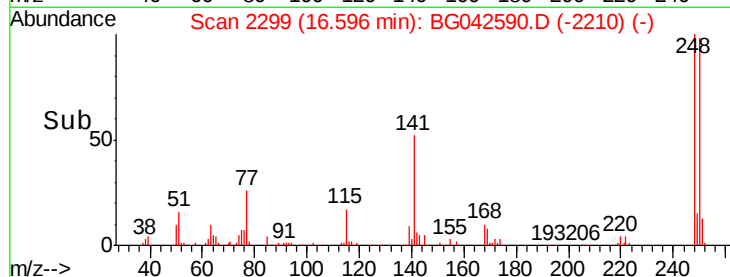
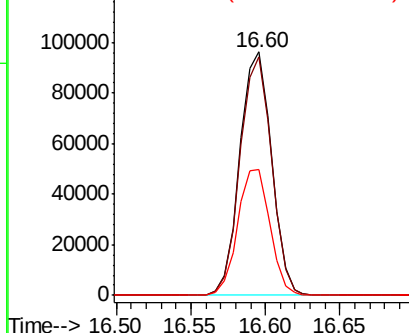
#67
 4-Bromophenyl-phenylether
 Concen: 41.868 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG042590.D
 Acq: 30 Aug 2019 8:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 141847
 Ion Ratio Lower Upper
 248 100
 250 97.9 78.9 118.3
 141 51.7 43.3 64.9

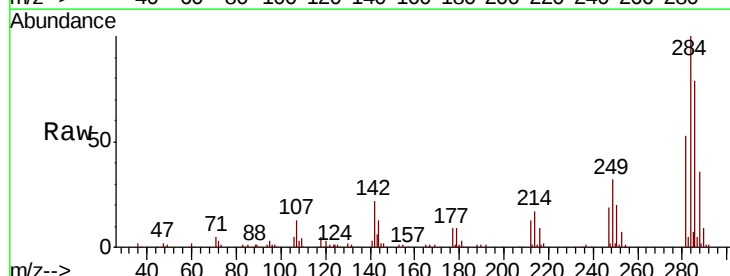


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

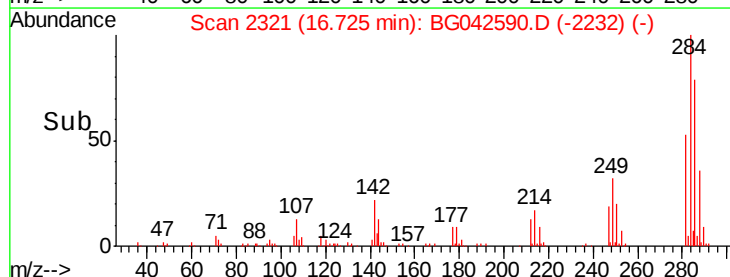
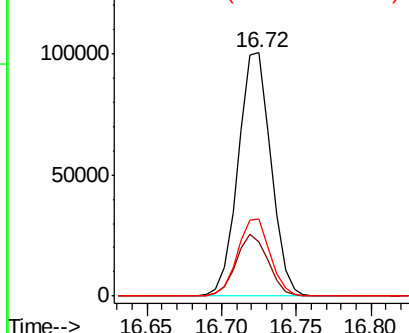


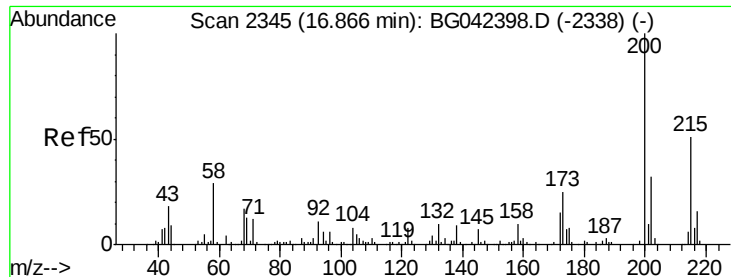
#68
 Hexachlorobenzene
 Concen: 41.579 ng
 RT: 16.72 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG042590.D
 Acq: 30 Aug 2019 8:22

Tgt Ion:284 Resp: 153132
 Ion Ratio Lower Upper
 284 100
 142 22.4 18.2 27.4
 249 31.6 25.0 37.4



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





#69

Atrazine

Concen: 34.366 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

Instrument :

BNA_G

ClientSampleId :

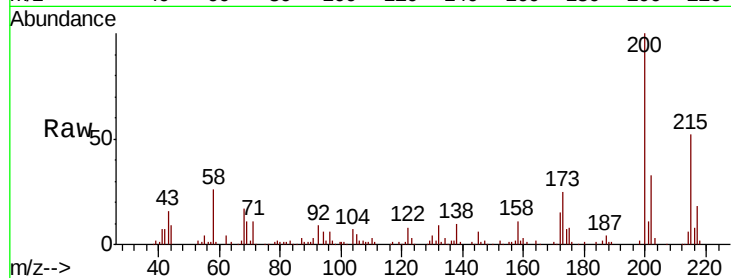
Tot Ion:200 Resp: 89266

Ion Ratio Lower Upper

200 100

173 24.9 4.9 44.9

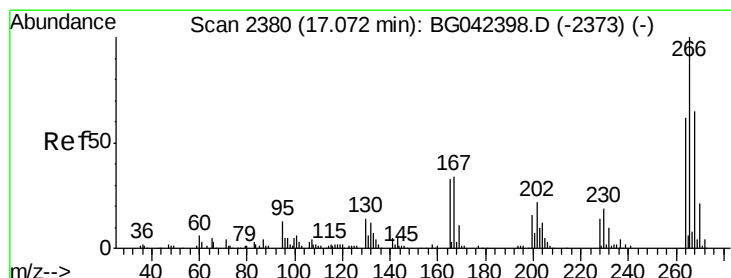
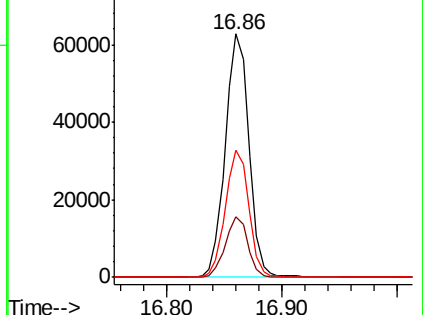
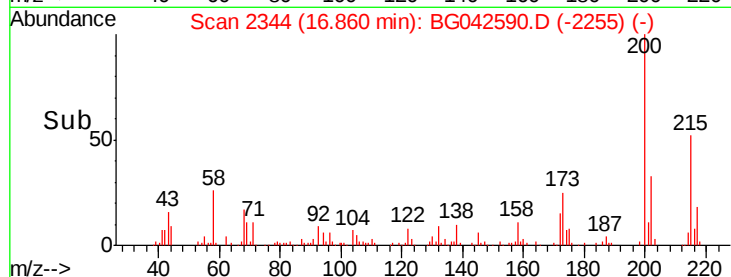
215 52.0 30.7 70.7



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: 38.540 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

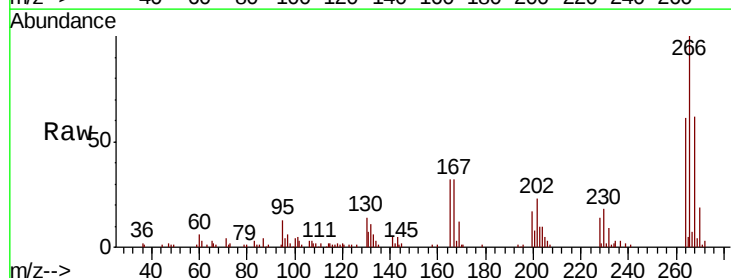
Tgt Ion:266 Resp: 73750

Ion Ratio Lower Upper

266 100

268 62.2 52.1 78.1

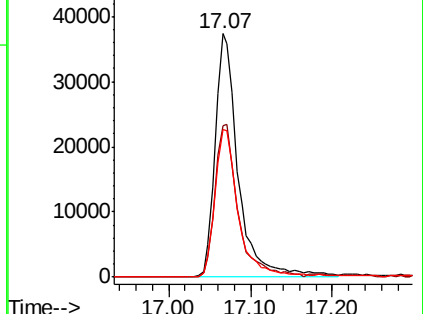
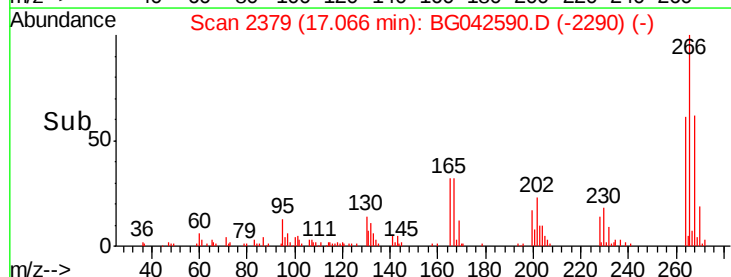
264 60.7 49.4 74.2



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

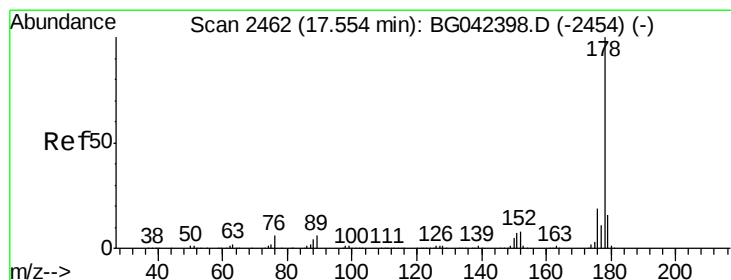
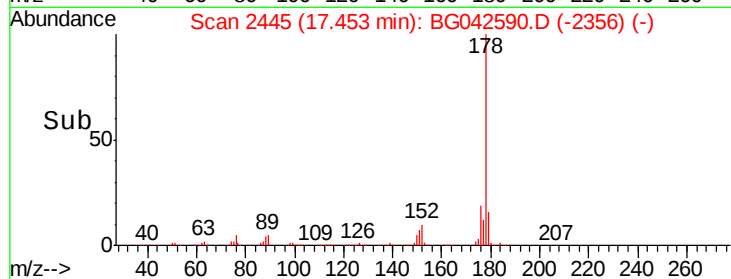
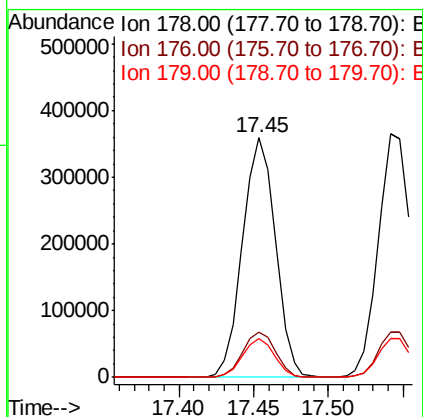
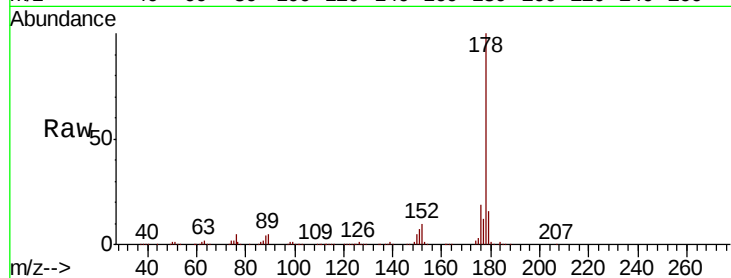




#71
Phenanthrene
Concen: 41.417 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042590.D
Acq: 30 Aug 2019 8:22

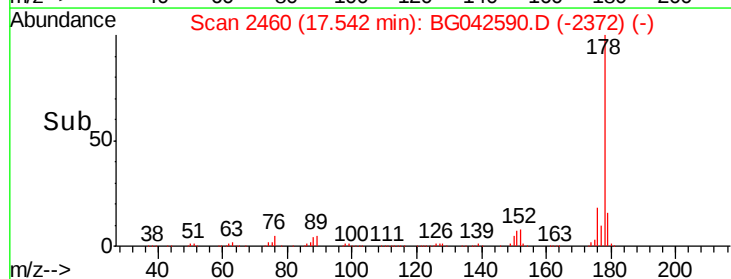
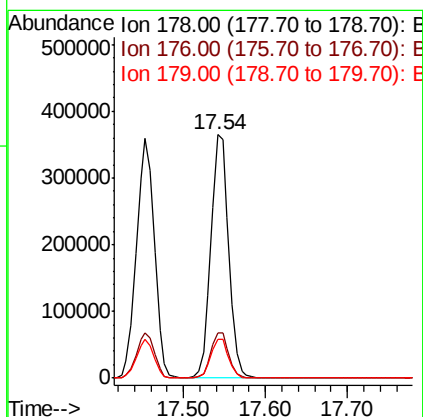
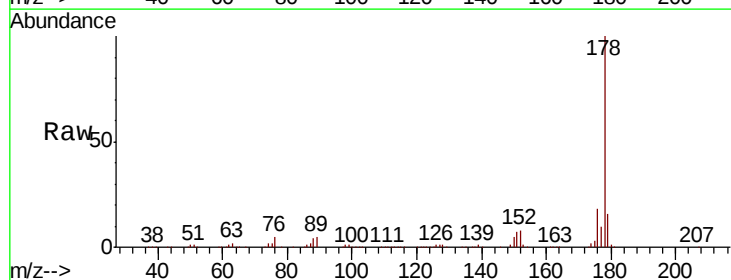
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.9	23.9
179	16.1	12.7	19.1



#72
Anthracene
Concen: 41.745 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG042590.D
Acq: 30 Aug 2019 8:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.5	23.3
179	15.8	12.9	19.3





#73

Carbazole

Concen: 40.169 ng

RT: 17.81 min Scan# 2506

Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

Instrument :

BNA_G

ClientSampleId :

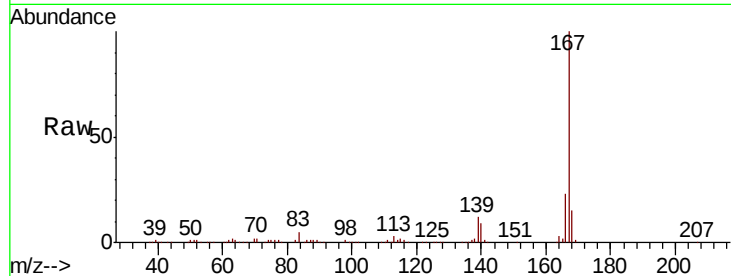
Tot Ion:167 Resp: 474153

Ion Ratio Lower Upper

167 100

166 23.1 18.9 28.3

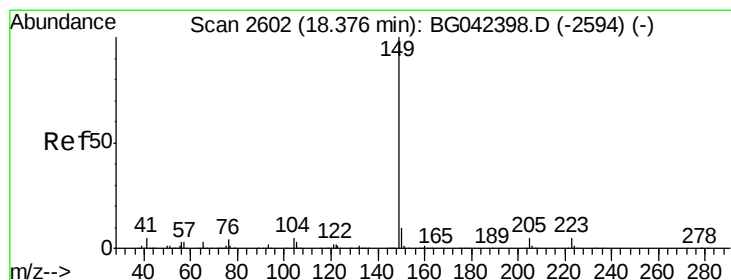
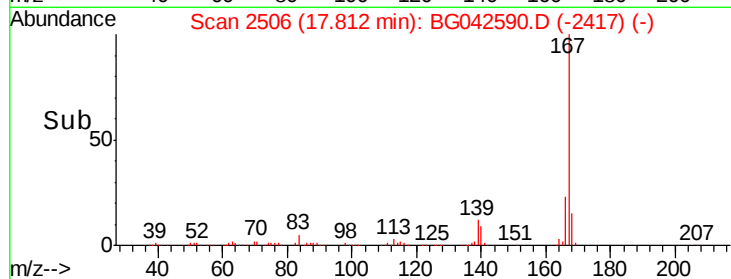
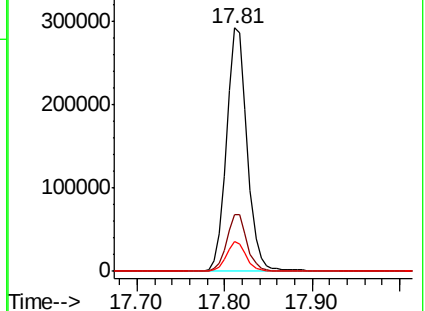
139 12.1 9.8 14.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.430 ng

RT: 18.37 min Scan# 2601

Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

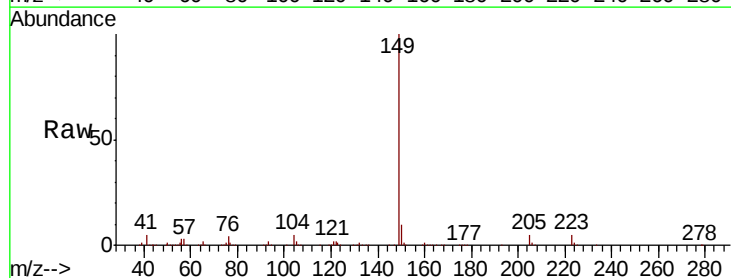
Tgt Ion:149 Resp: 564135

Ion Ratio Lower Upper

149 100

150 10.0 8.1 12.1

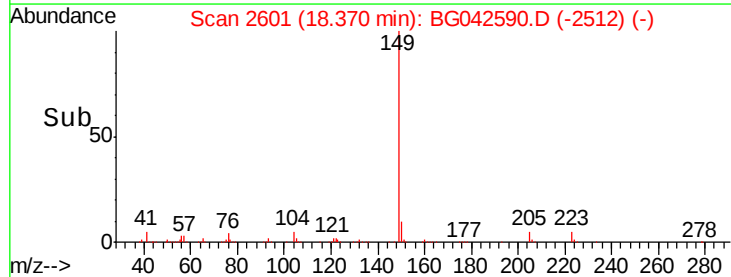
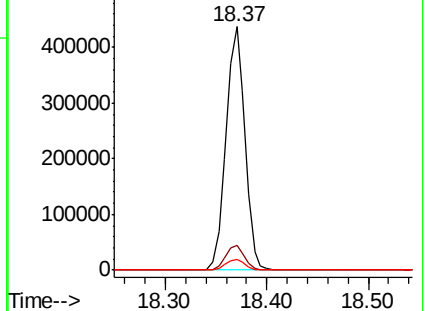
104 4.5 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.208 ng

RT: 19.46 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG042590.D

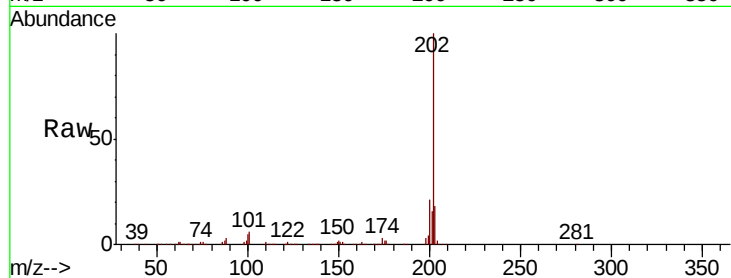
Acq: 30 Aug 2019 8:22

Instrument :

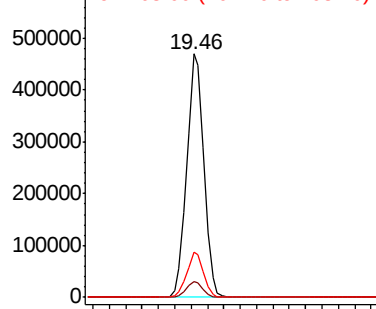
BNA_G

ClientSampleId :

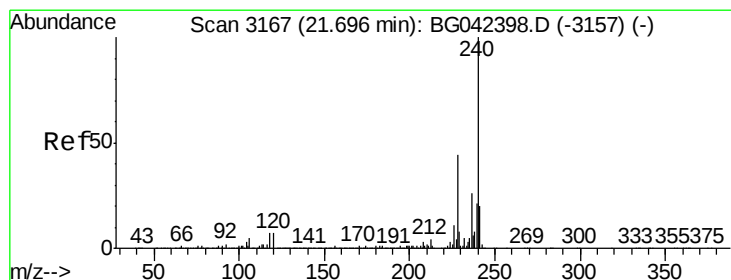
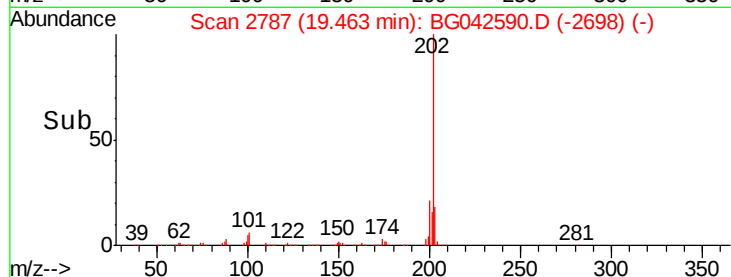
Tot Ion:	202	Resp:	683407
Ion	Ratio	Lower	Upper
202	100		
101	6.4	0.0	28.3
203	18.4	0.0	39.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

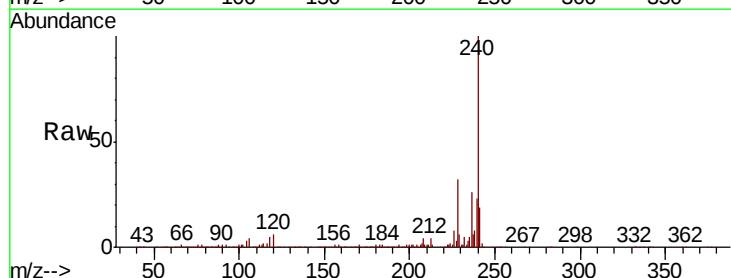
RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

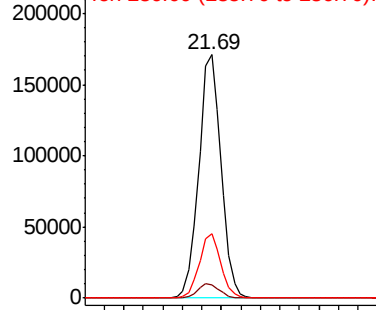
Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

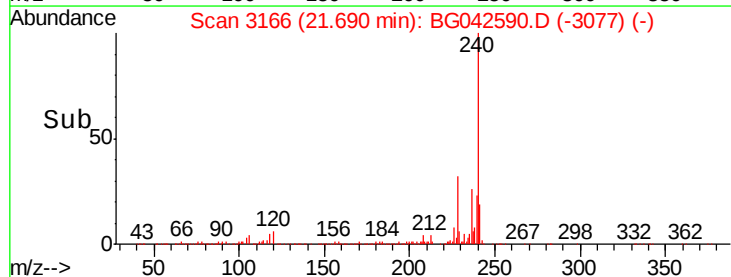
Tgt Ion:	240	Resp:	270047
Ion	Ratio	Lower	Upper
240	100		
120	5.6	5.7	8.5#
236	26.2	21.0	31.4



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



Time-->





#77

Benzidine

Concen: 34.298 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

Instrument :

BNA_G

ClientSampleId :

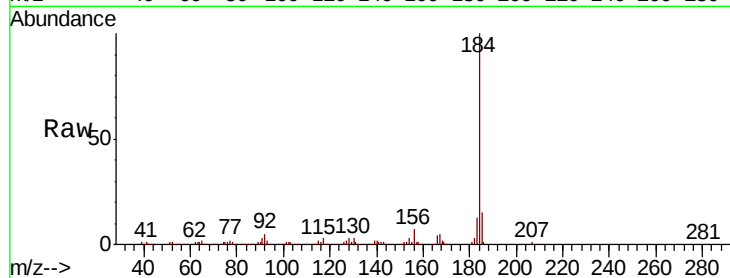
Tot Ion:184 Resp: 265545

Ion Ratio Lower Upper

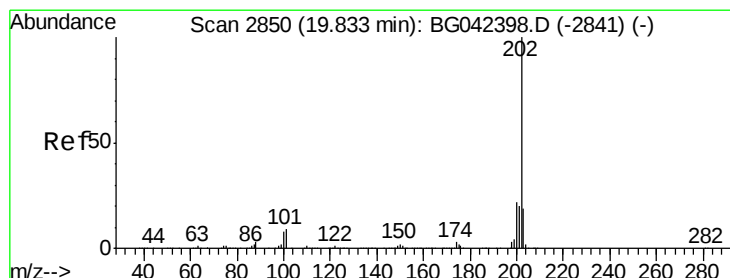
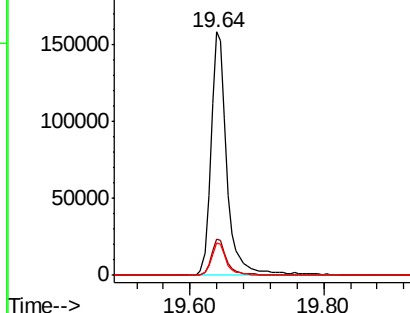
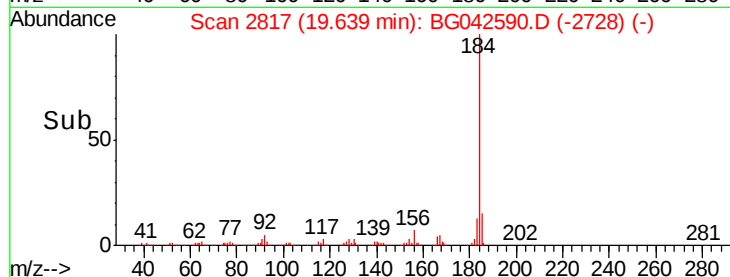
184 100

185 14.8 12.2 18.4

183 13.1 10.8 16.2



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: 41.203 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

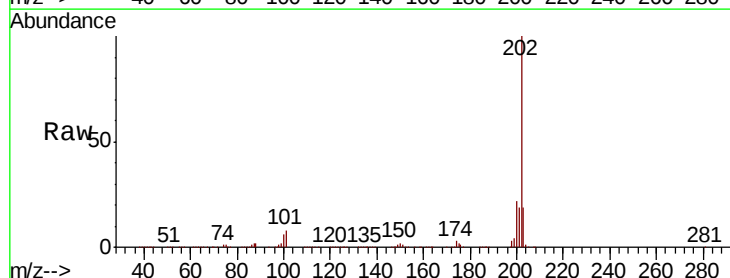
Tgt Ion:202 Resp: 682182

Ion Ratio Lower Upper

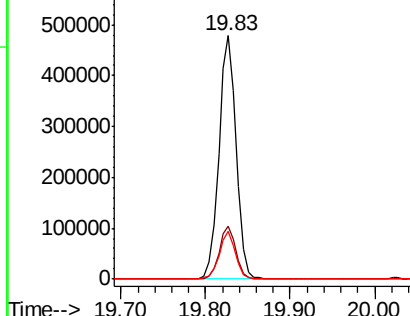
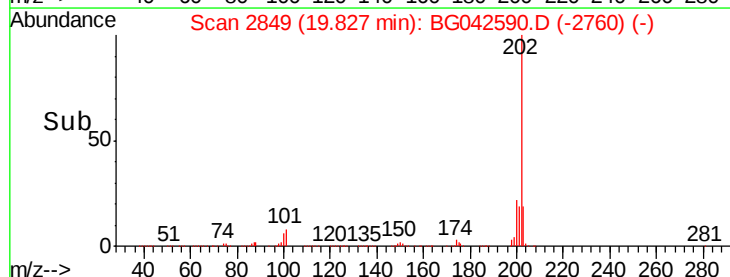
202 100

200 21.9 17.8 26.6

203 19.5 15.5 23.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.808 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

Instrument :

BNA_G

ClientSampled :

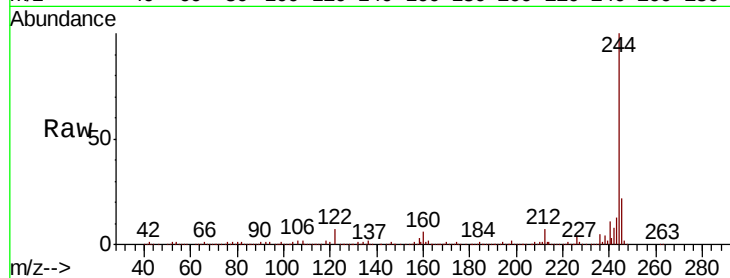
Tot Ion:244 Resp: 1034363

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

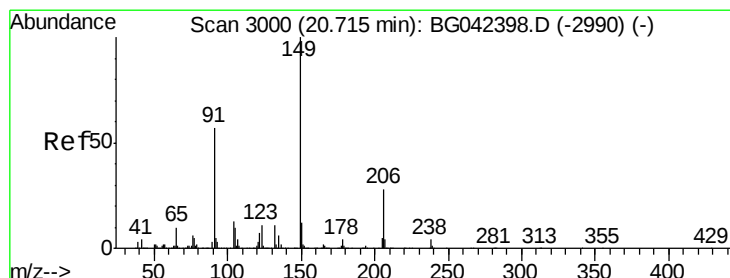
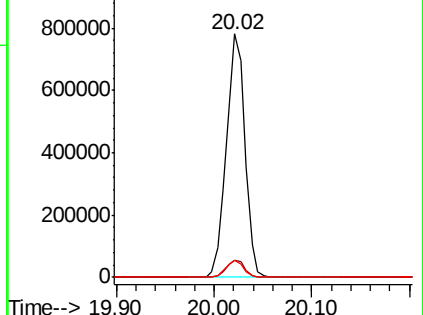
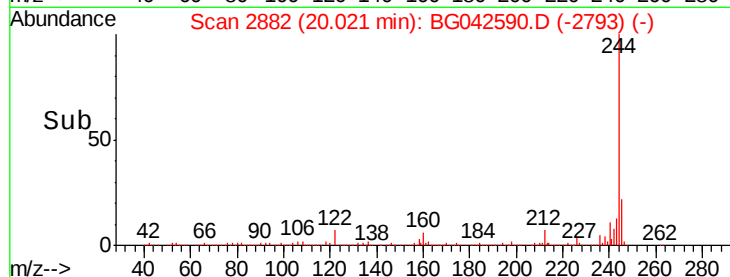
122 7.0 6.7 10.1



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: 38.894 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

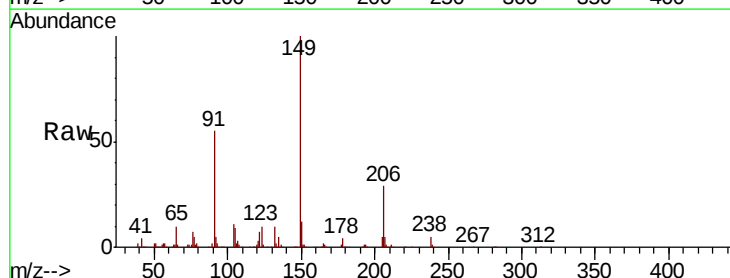
Tgt Ion:149 Resp: 253277

Ion Ratio Lower Upper

149 100

91 54.5 45.9 68.9

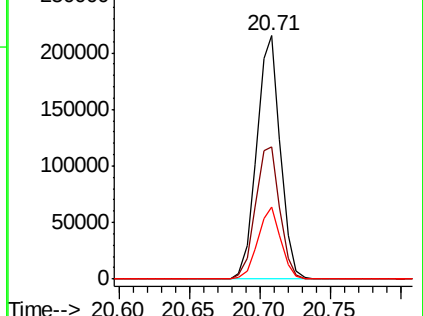
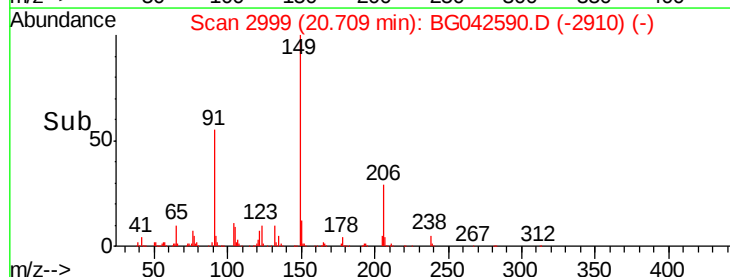
206 29.5 22.5 33.7

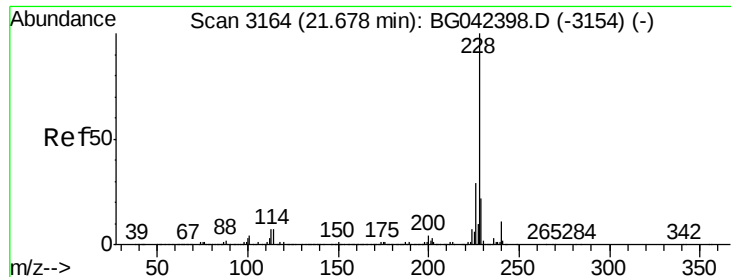


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.575 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

Instrument :

BNA_G

ClientSampled :

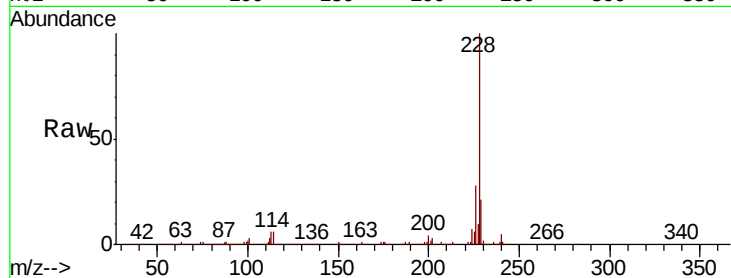
Tot Ion:228 Resp: 682977

Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.4	35.2
229	21.0	17.4	26.2

228 100

226 28.3 23.4 35.2

229 21.0 17.4 26.2

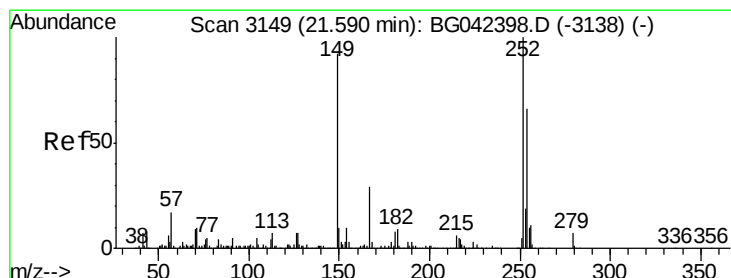
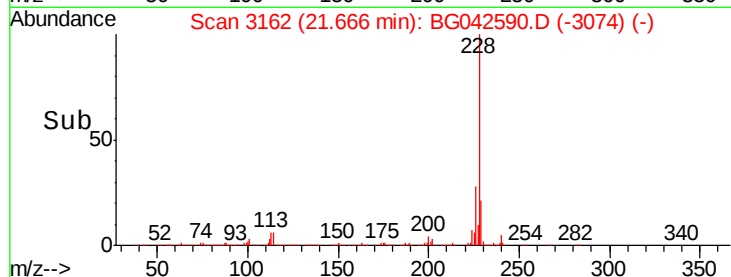
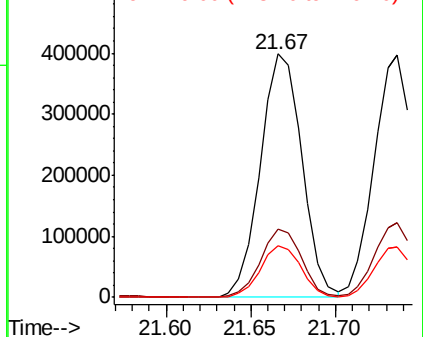


Abundance

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: 41.082 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

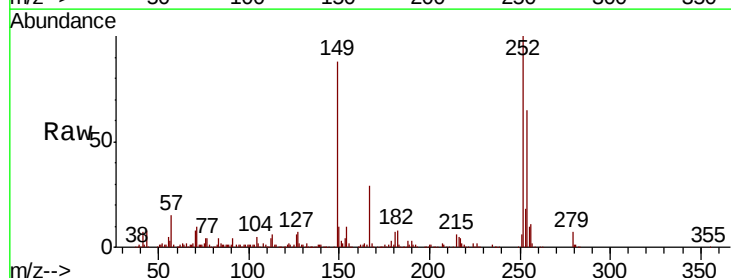
Tgt Ion:252 Resp: 271423

Ion	Ratio	Lower	Upper
252	100		
254	65.4	53.0	79.4
126	6.4	5.7	8.5

252 100

254 65.4 53.0 79.4

126 6.4 5.7 8.5

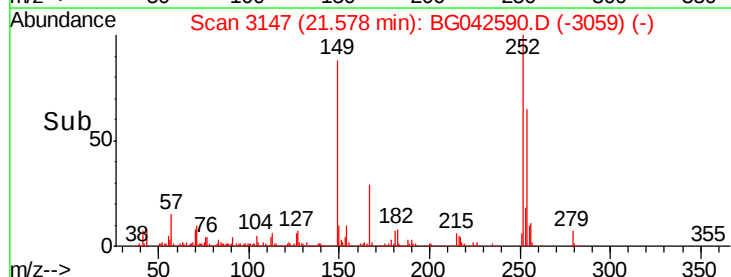
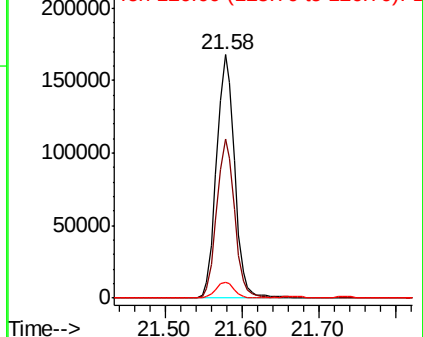


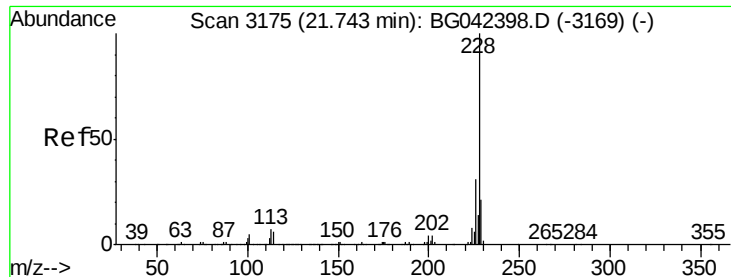
Abundance

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: 41.225 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

Instrument :

BNA_G

ClientSampled :

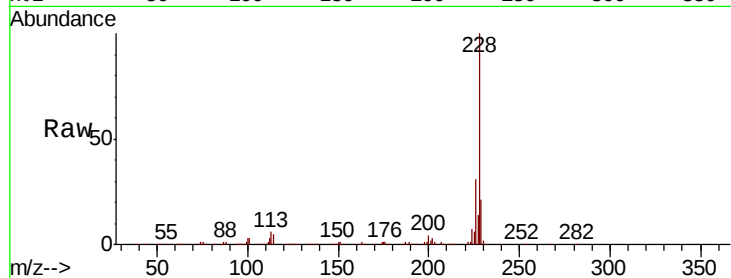
Tot Ion:228 Resp: 653122

Ion Ratio Lower Upper

228 100

226 31.0 24.9 37.3

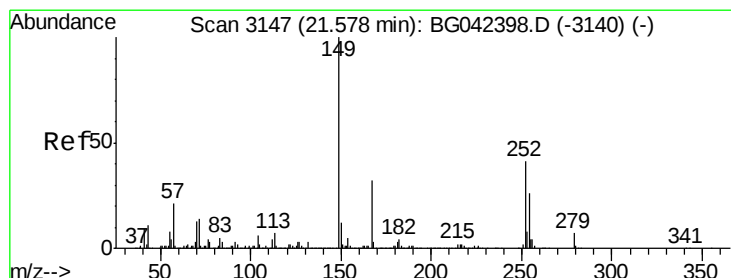
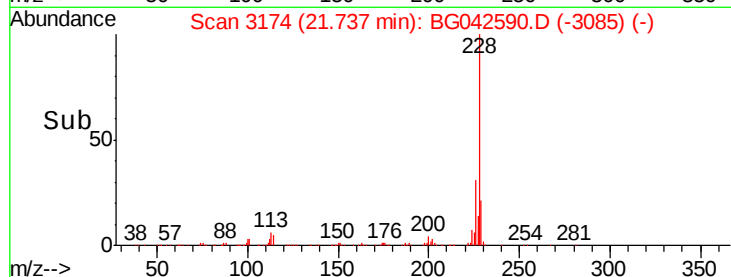
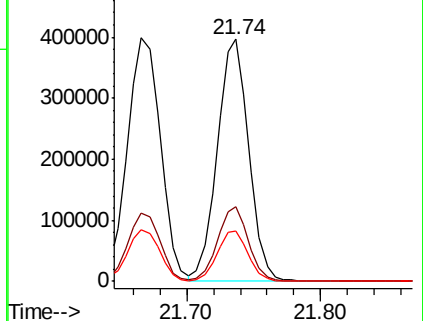
229 20.9 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.934 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

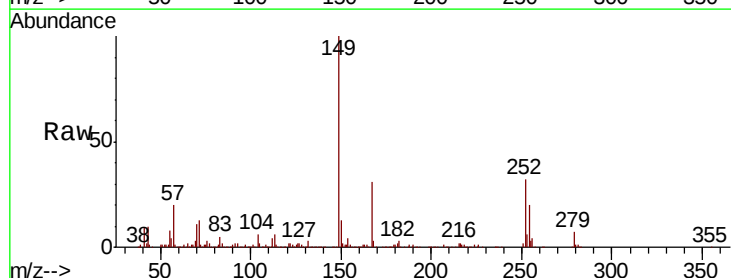
Tgt Ion:149 Resp: 361064

Ion Ratio Lower Upper

149 100

167 31.2 26.0 39.0

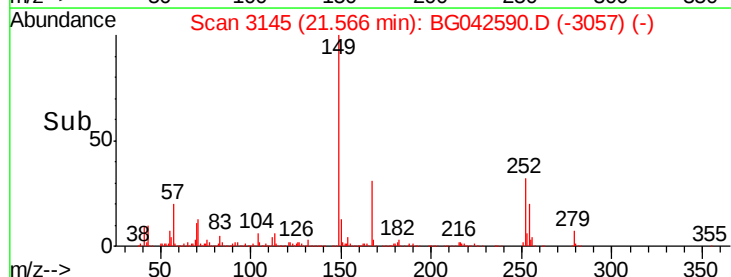
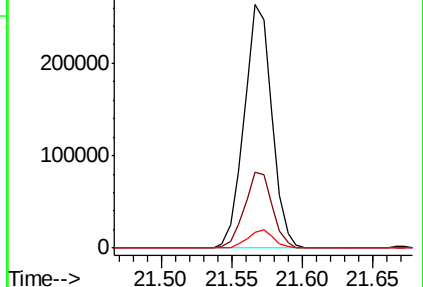
279 6.6 5.4 8.0

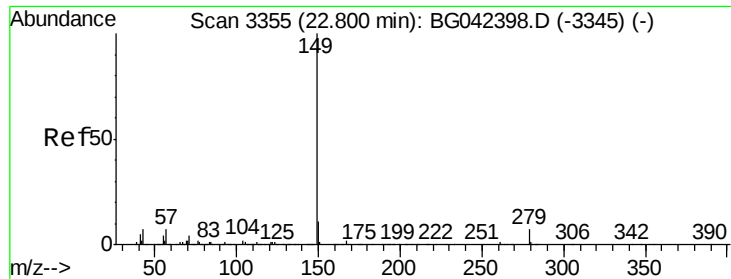


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.986 ng

RT: 22.78 min Scan# 3352

Delta R.T. -0.02 min

Lab File: BG042590.D

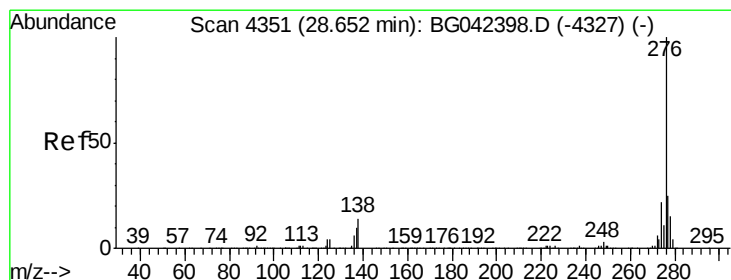
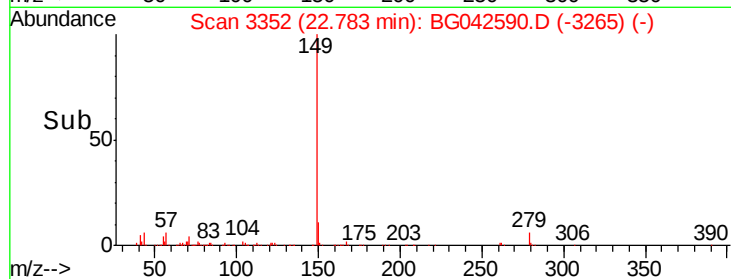
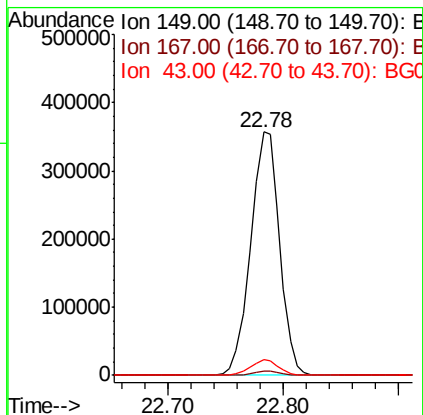
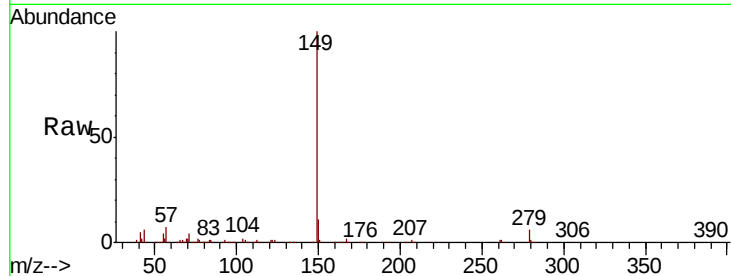
Acq: 30 Aug 2019 8:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion:149	Resp:	621812
Ion Ratio	Lower	Upper
149	100	
167	1.8	1.6 2.4
43	6.3	5.3 7.9



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.338 ng

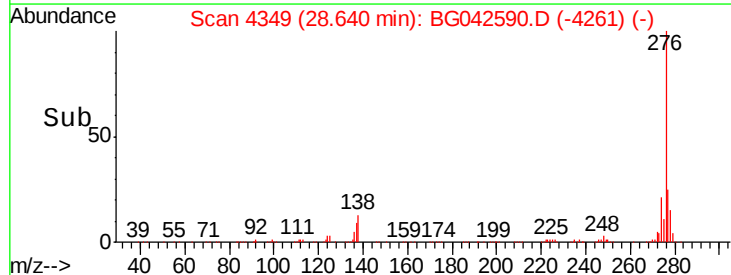
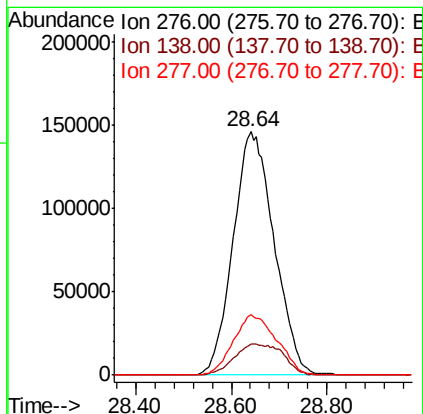
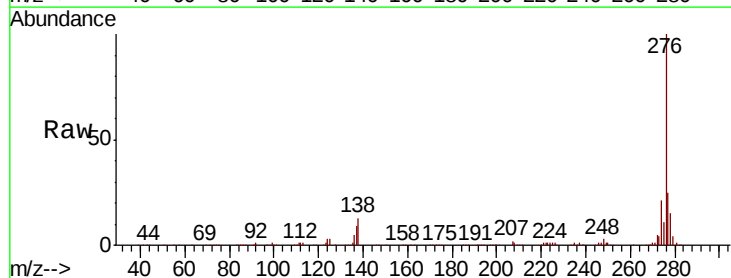
RT: 28.64 min Scan# 4349

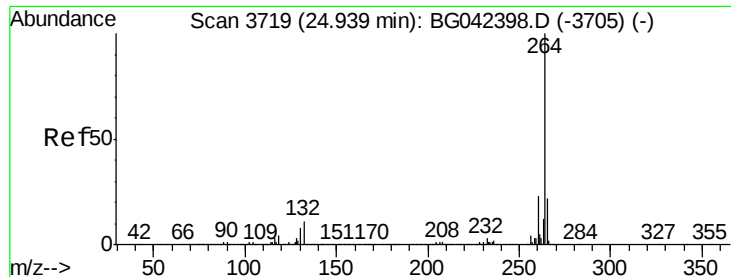
Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

Tgt Ion:276	Resp:	868471
Ion Ratio	Lower	Upper
276	100	
138	15.2	9.2 13.8#
277	26.2	21.0 31.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

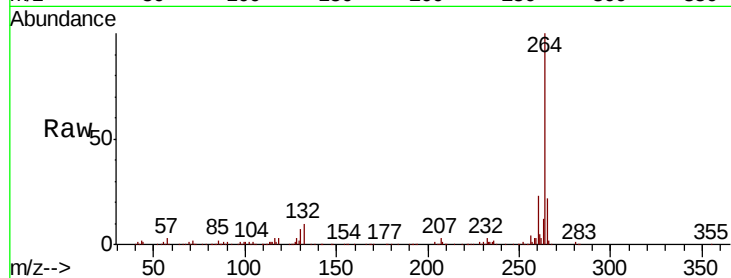
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 326643

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.5	27.7
265	22.4	17.6	26.4

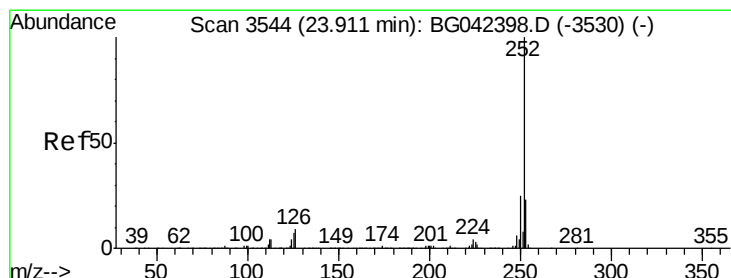
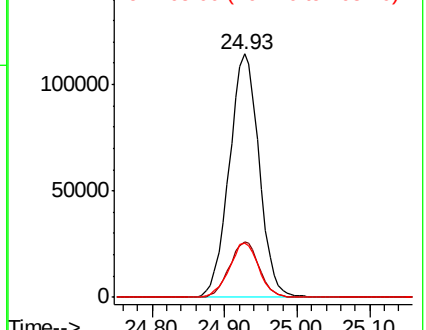
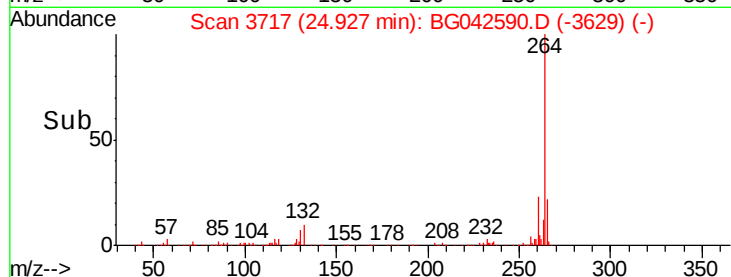


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.487 ng

RT: 23.90 min Scan# 3542

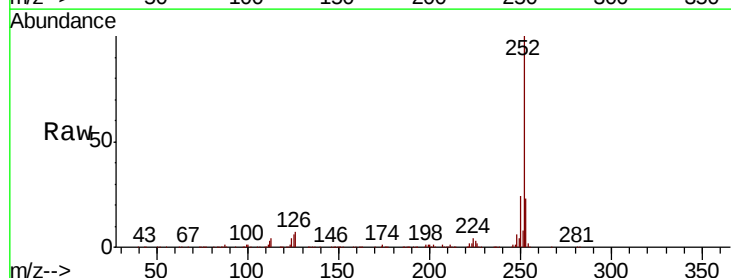
Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

Tgt Ion:252 Resp: 745012

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.6	27.8
125	6.3	5.6	8.4

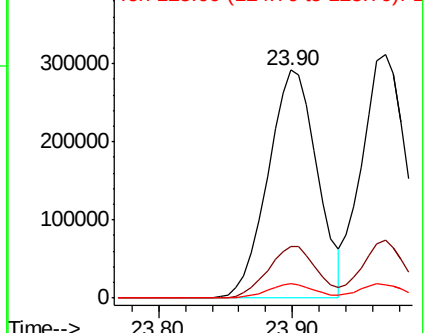
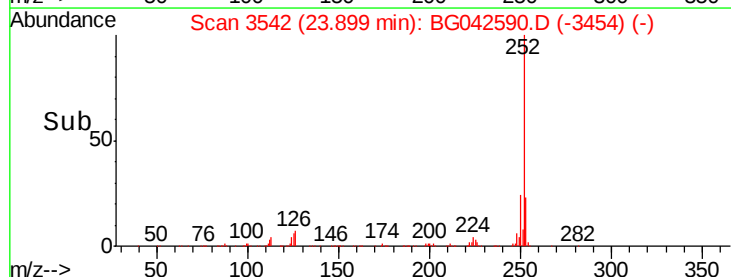


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.764 ng

RT: 23.97 min Scan# 3554

Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

Instrument :

BNA_G

ClientSampleId :

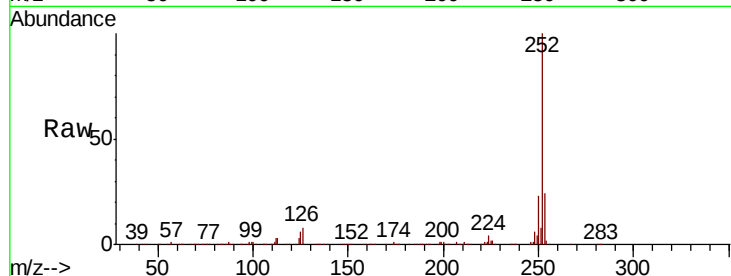
Tot Ion:252 Resp: 720884

Ion Ratio Lower Upper

252 100

253 23.7 18.6 27.8

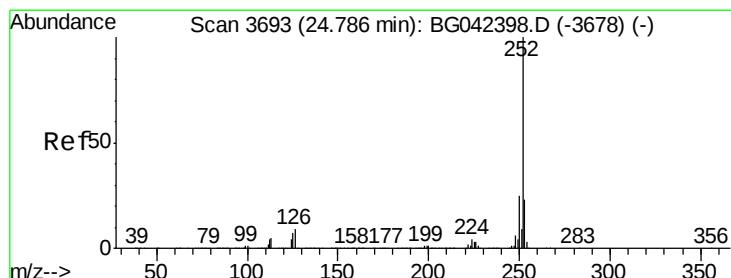
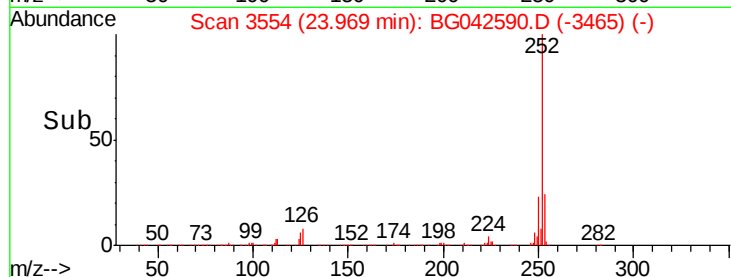
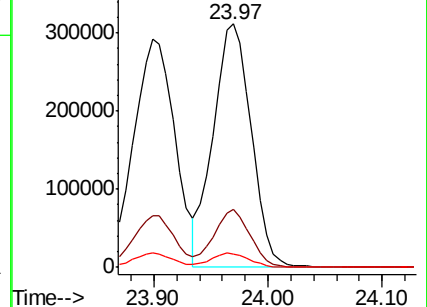
125 5.7 5.8 8.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.756 ng

RT: 24.78 min Scan# 3692

Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

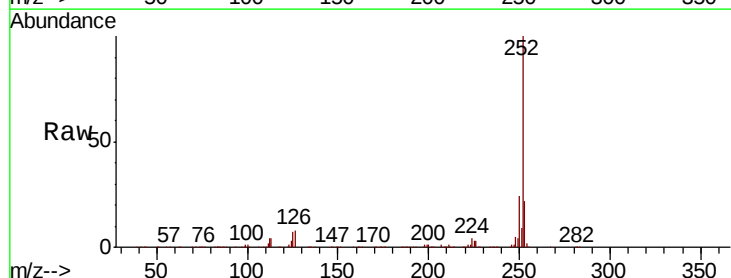
Tgt Ion:252 Resp: 711536

Ion Ratio Lower Upper

252 100

253 22.4 18.4 27.6

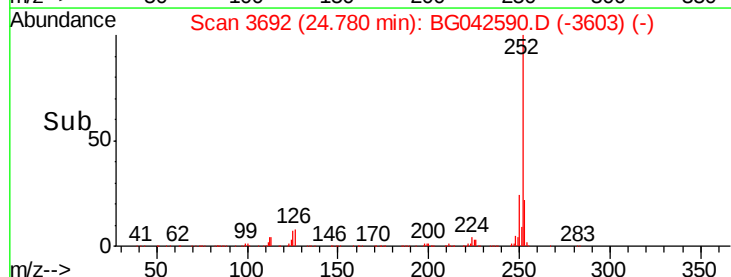
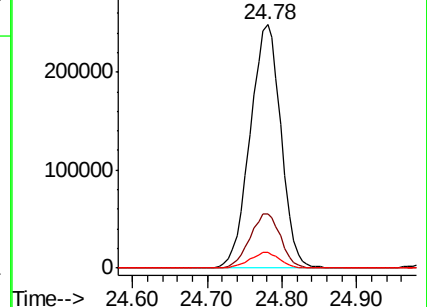
125 6.6 6.0 9.0

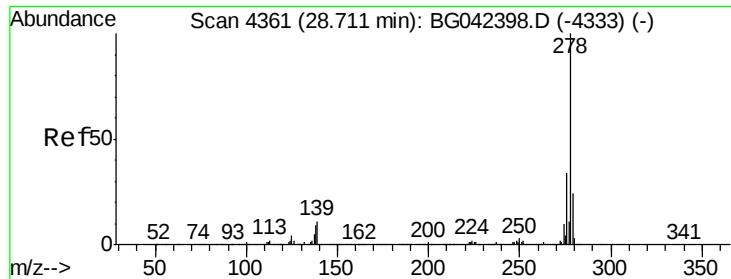


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 41.051 ng

RT: 28.70 min Scan# 4359

Delta R.T. -0.01 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

Instrument :

BNA_G

ClientSampleId :

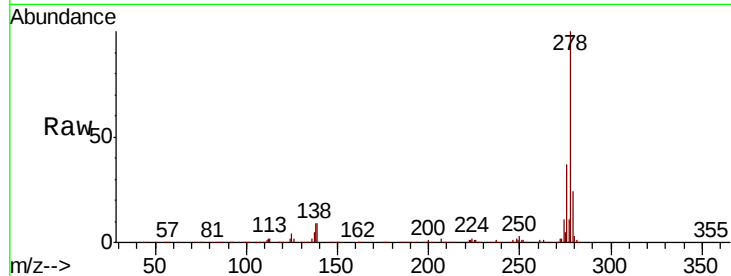
Tot Ion:278 Resp: 708270

Ion Ratio Lower Upper

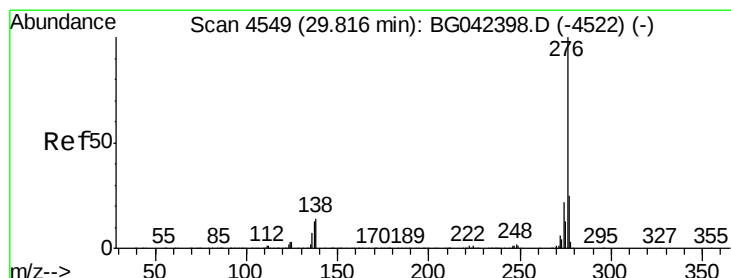
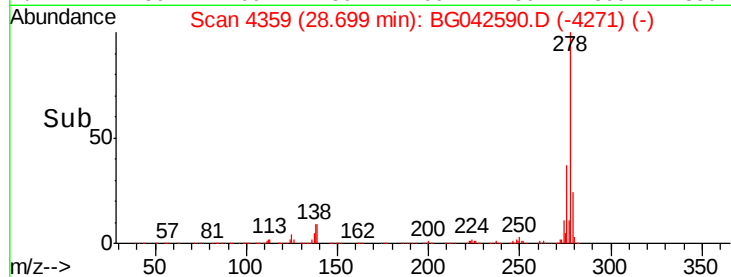
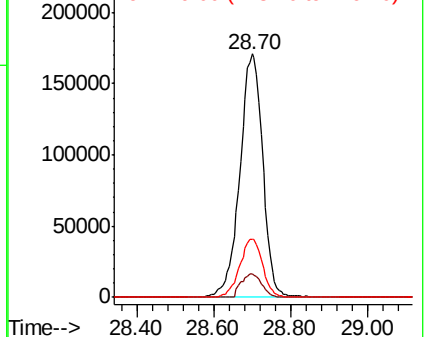
278 100

139 9.5 8.8 13.2

279 23.8 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.463 ng

RT: 29.79 min Scan# 4545

Delta R.T. -0.02 min

Lab File: BG042590.D

Acq: 30 Aug 2019 8:22

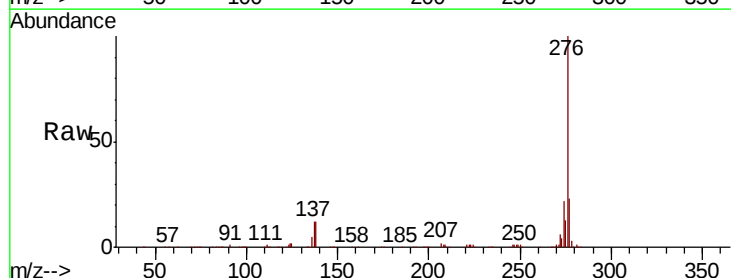
Tgt Ion:276 Resp: 698224

Ion Ratio Lower Upper

276 100

277 23.4 19.8 29.8

138 12.4 11.4 17.0



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

