

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
 Data File : BG042604.D
 Acq On : 30 Aug 2019 17:22
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 30 23:12:59 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	7.99	152	37306	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	154569	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	116715	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	270333	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	286193	20.00	ng	-0.01
87) Perylene-d12	24.92	264	353260	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	146625	79.60	ng	-0.01
7) Phenol-d6	7.16	99	190728	76.66	ng	-0.01
23) Nitrobenzene-d5	9.17	82	179842	80.40	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	140120	84.46	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	587368	85.11	ng	0.00
79) Terphenyl-d14	20.02	244	1093429	82.60	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	28542	37.130	ng	98
3) Pyridine	3.82	79	73460	37.268	ng	97
4) n-Nitrosodimethylamine	3.74	42	28346	40.263	ng	94
6) Aniline	7.31	93	125341	37.769	ng	99
8) 2-Chlorophenol	7.56	128	89125	39.924	ng	98
9) Benzaldehyde	7.12	77	50263	40.350	ng	98
10) Phenol	7.19	94	96892	38.300	ng	96
11) bis(2-Chloroethyl)ether	7.41	93	74774	37.635	ng	99
12) 1,3-Dichlorobenzene	7.89	146	115531	40.682	ng	100
13) 1,4-Dichlorobenzene	8.03	146	115161	40.034	ng	97
14) 1,2-Dichlorobenzene	8.35	146	111652	40.531	ng	99
15) Benzyl Alcohol	8.24	79	72098	40.277	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.53	45	98470	36.567	ng	99
17) 2-Methylphenol	8.45	107	71573	38.411	ng	95
18) Hexachloroethane	9.09	117	39494	40.105	ng	92
19) n-Nitroso-di-n-propylamine	8.80	70	61583	38.204	ng	94
20) 3+4-Methylphenols	8.78	107	98475	38.193	ng	97
22) Acetophenone	8.82	105	133690	40.439	ng	99
24) Nitrobenzene	9.21	77	88493	39.069	ng	97
25) Isophorone	9.73	82	170537	38.633	ng	99
26) 2-Nitrophenol	9.93	139	56585	39.865	ng	95
27) 2,4-Dimethylphenol	9.99	122	77835	39.808	ng	99
28) bis(2-Chloroethoxy)methane	10.22	93	108249	38.907	ng	97
29) 2,4-Dichlorophenol	10.47	162	106307	41.556	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	131411	41.851	ng	98
31) Naphthalene	10.87	128	285359	39.764	ng	99
32) Benzoic acid	10.14	122	48564	36.568	ng	99
33) 4-Chloroaniline	10.98	127	131143	39.587	ng	98
34) Hexachlorobutadiene	11.16	225	91284	43.257	ng	98
35) Caprolactam	11.75	113	32882	38.521	ng	96
36) 4-Chloro-3-methylphenol	12.11	107	96465	39.723	ng	98
37) 2-Methylnaphthalene	12.48	142	233180	40.467	ng	99
38) 1-Methylnaphthalene	12.70	142	221376	40.446	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	161022	42.961	ng	99

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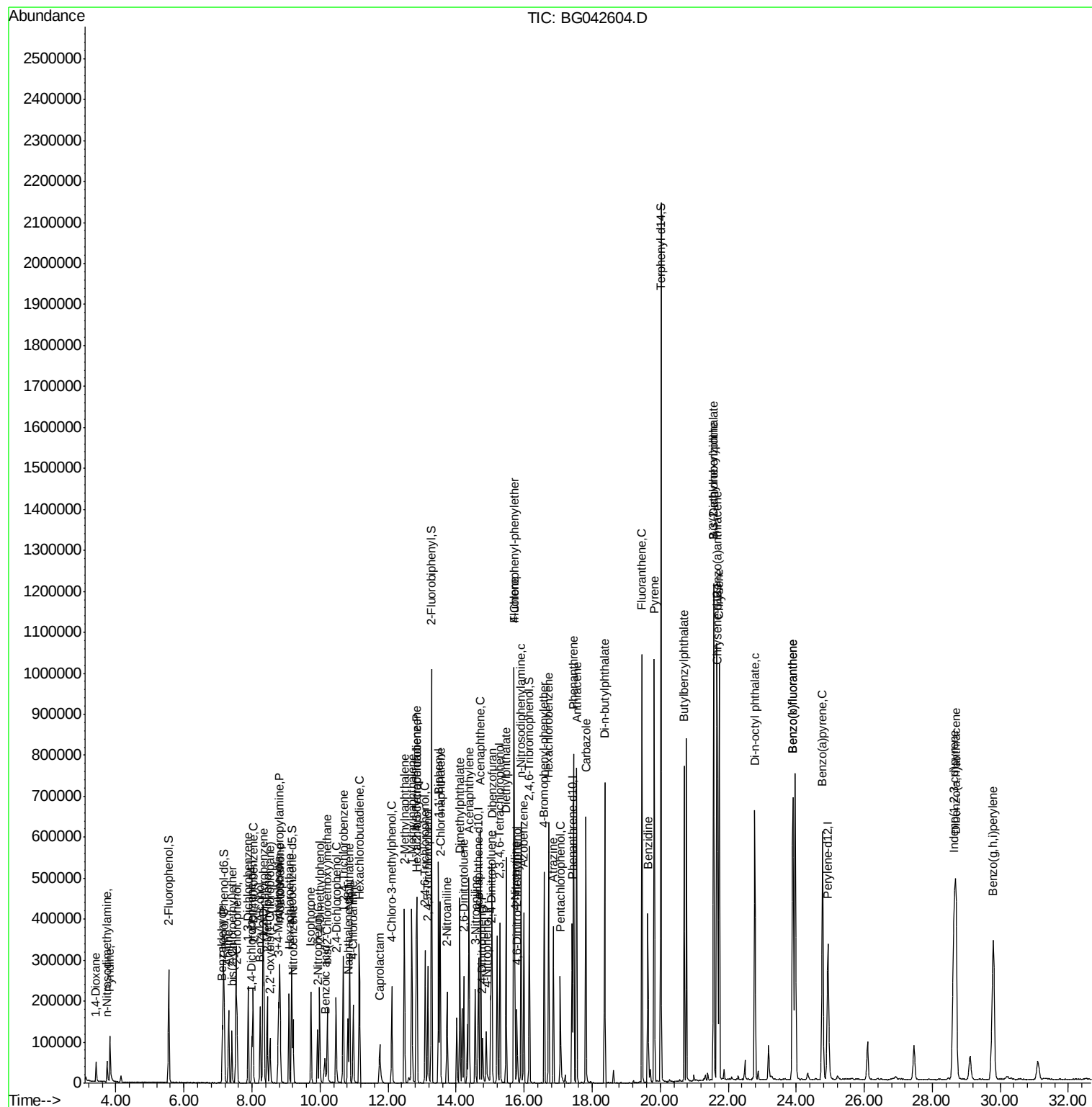
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	98529	50.044	ng	99
43) 2,4,6-Trichlorophenol	13.09	196	103636	40.906	ng	94
44) 2,4,5-Trichlorophenol	13.17	196	106651	40.622	ng	97
46) 1,1'-Biphenyl	13.49	154	307736	40.789	ng	97
47) 2-Chloronaphthalene	13.53	162	265725	40.847	ng	99
48) 2-Nitroaniline	13.73	65	60881	38.809	ng	95
49) Acenaphthylene	14.38	152	397998	40.665	ng	100
50) Dimethylphthalate	14.11	163	345008	40.968	ng	100
51) 2,6-Dinitrotoluene	14.23	165	79263	40.606	ng	97
52) Acenaphthene	14.72	154	237174	39.909	ng	98
53) 3-Nitroaniline	14.56	138	74962	38.398	ng	100
54) 2,4-Dinitrophenol	14.77	184	43791	36.936	ng	98
55) Dibenzofuran	15.06	168	404311	41.100	ng	100
56) 4-Nitrophenol	14.89	139	52960	38.178	ng	96
57) 2,4-Dinitrotoluene	15.02	165	113822	40.720	ng	98
58) Fluorene	15.71	166	329039	40.918	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	107785	41.514	ng	95
60) Diethylphthalate	15.47	149	335615	40.768	ng	100
61) 4-Chlorophenyl-phenylether	15.70	204	201316	41.530	ng	99
62) 4-Nitroaniline	15.73	138	83616	40.020	ng	96
63) Azobenzene	15.99	77	215670	38.232	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	69277	40.874	ng	99
66) n-Nitrosodiphenylamine	15.91	169	301063	40.496	ng	99
67) 4-Bromophenyl-phenylether	16.59	248	141281	41.202	ng	99
68) Hexachlorobenzene	16.72	284	155497	41.715	ng	96
69) Atrazine	16.86	200	92190	35.066	ng	98
70) Pentachlorophenol	17.07	266	76857	39.683	ng	97
71) Phenanthrene	17.45	178	560223	41.721	ng	100
72) Anthracene	17.54	178	559312	41.724	ng	99
73) Carbazole	17.81	167	492817	41.250	ng	99
74) Di-n-butylphthalate	18.37	149	590277	41.797	ng	100
75) Fluoranthene	19.46	202	723324	44.138	ng	97
77) Benzidine	19.64	184	304407	37.099	ng	98
78) Pyrene	19.83	202	725329	41.338	ng	98
80) Butylbenzylphthalate	20.70	149	270273	39.162	ng	100
81) Benzo(a)anthracene	21.67	228	729354	41.894	ng	98
82) 3,3'-Dichlorobenzidine	21.58	252	287748	41.096	ng	100
83) Chrysene	21.74	228	698126	41.580	ng	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	389448	40.643	ng	99
85) Di-n-octyl phthalate	22.78	149	668399	40.557	ng	99
86) Indeno(1,2,3-cd)pyrene	28.64	276	931126	40.808	ng	# 97
88) Benzo(b)fluoranthene	23.90	252	815896	42.011	ng	98
89) Benzo(k)fluoranthene	23.90	252	815896	43.706	ng	98
90) Benzo(a)pyrene	24.77	252	768455	41.699	ng	98
91) Dibenzo(a,h)anthracene	28.69	278	758814	40.667	ng	99
92) Benzo(g,h,i)perylene	29.79	276	758243	40.630	ng	97

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

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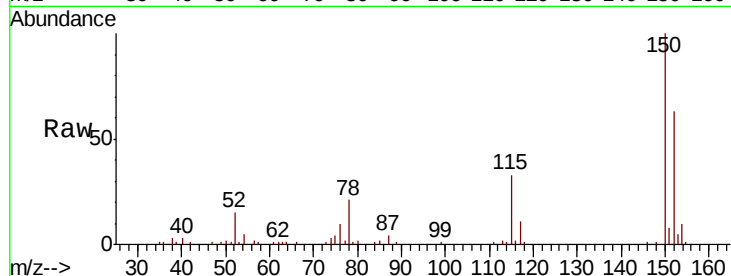


#1

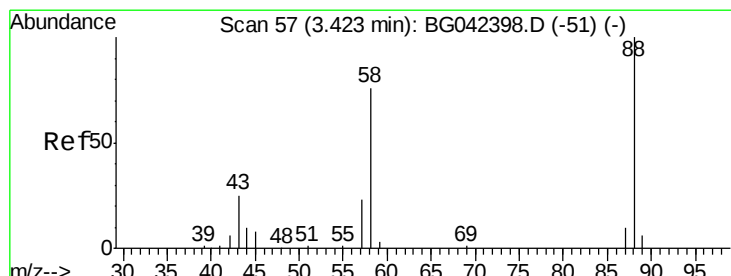
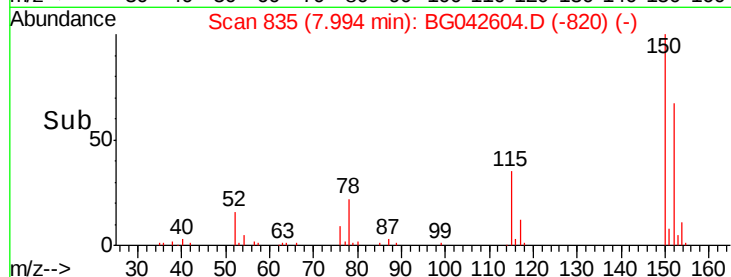
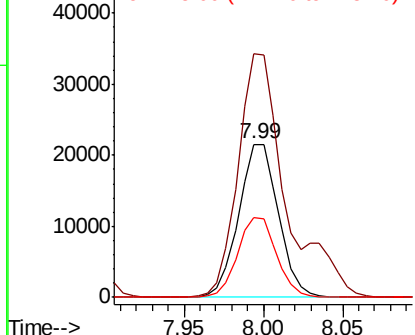
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042604.D
Acq: 30 Aug 2019 17:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 37306
Ion Ratio Lower Upper
152 100
150 159.0 125.4 188.0
115 51.7 38.5 57.7



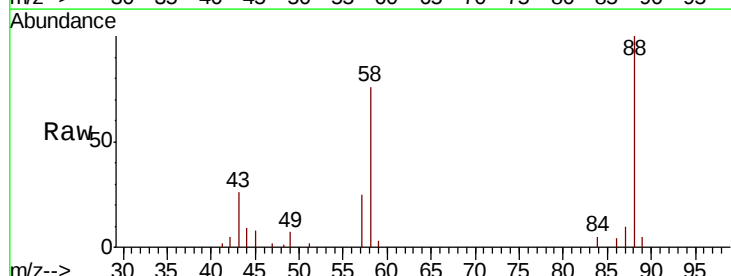
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



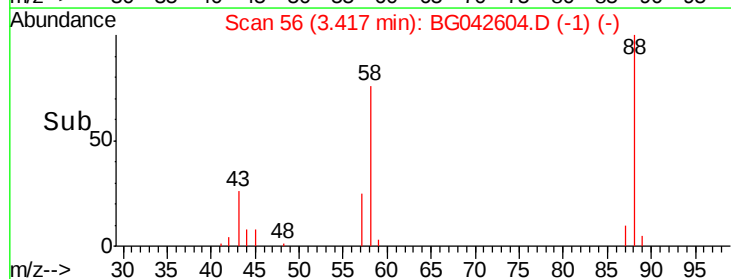
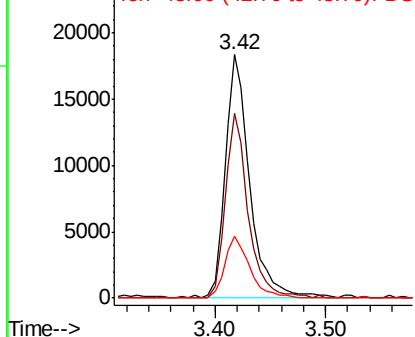
#2

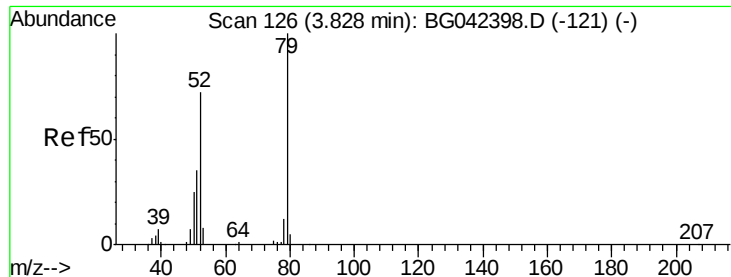
1,4-Dioxane
Concen: 37.130 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG042604.D
Acq: 30 Aug 2019 17:22

Tgt Ion: 88 Resp: 28542
Ion Ratio Lower Upper
88 100
58 70.8 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: 37.268 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG042604.D

Acq: 30 Aug 2019 17:22

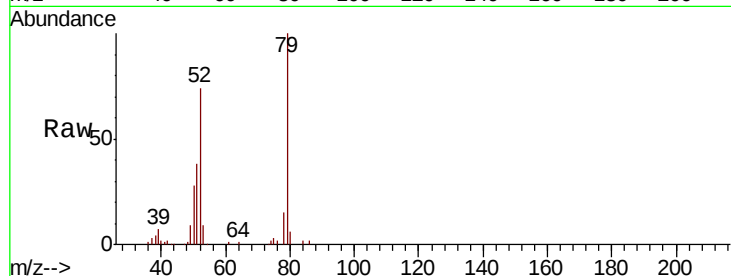
Instrument :

BNA_G

ClientSampled :

Tot Ion: 79 Resp: 73460

Ion	Ratio	Lower	Upper
79	100		
52	73.7	57.7	86.5
51	38.2	28.8	43.2

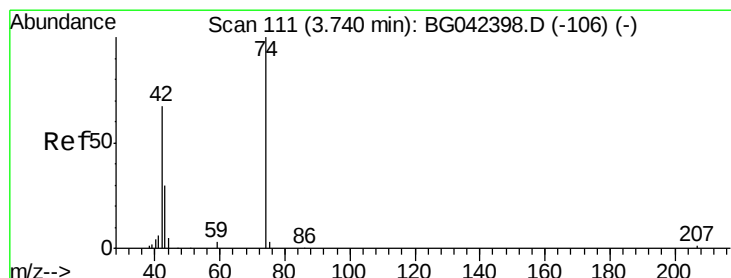
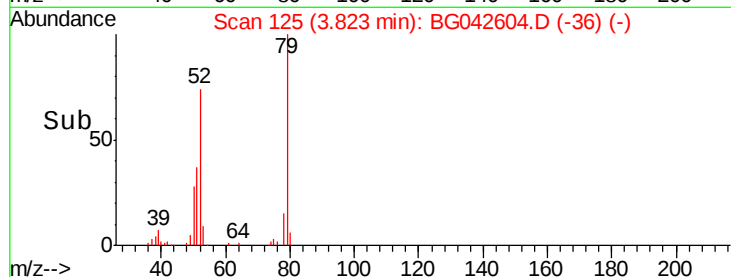
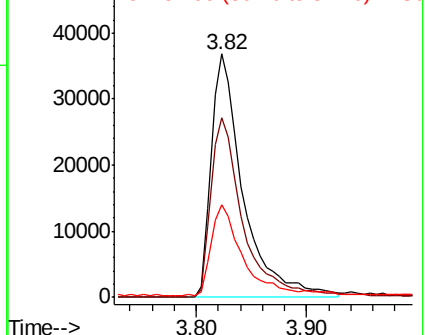


Abundance

Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 40.263 ng

RT: 3.74 min Scan# 111

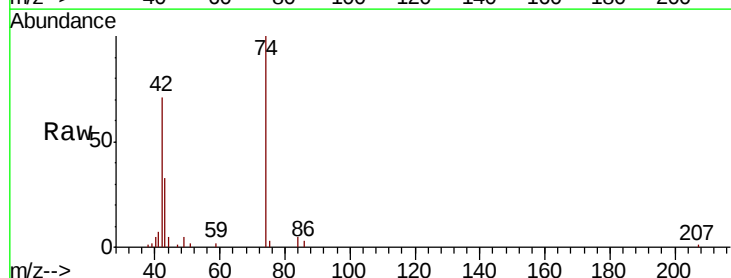
Delta R.T. -0.00 min

Lab File: BG042604.D

Acq: 30 Aug 2019 17:22

Tgt Ion: 42 Resp: 28346

Ion	Ratio	Lower	Upper
42	100		
74	141.0	119.6	179.4
44	7.6	6.5	9.7

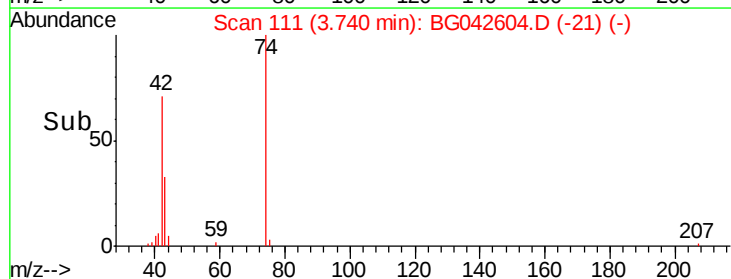
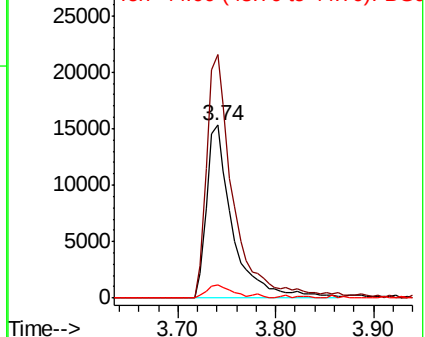


Abundance

Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 79.601 ng

RT: 5.55 min Scan# 419

Delta R.T. -0.01 min

Lab File: BG042604.D

Acq: 30 Aug 2019 17:22

Instrument :

BNA_G

ClientSampled :

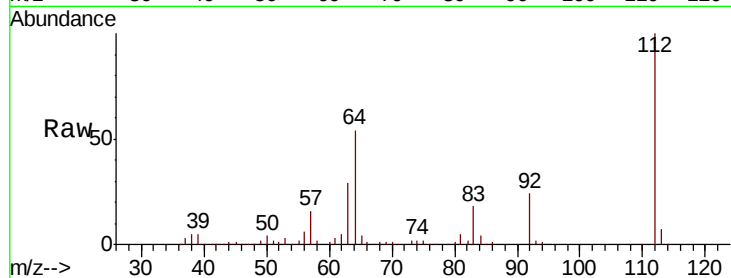
Tot Ion:112 Resp: 146625

Ion Ratio Lower Upper

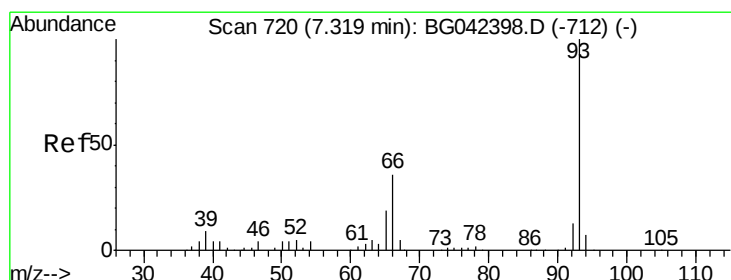
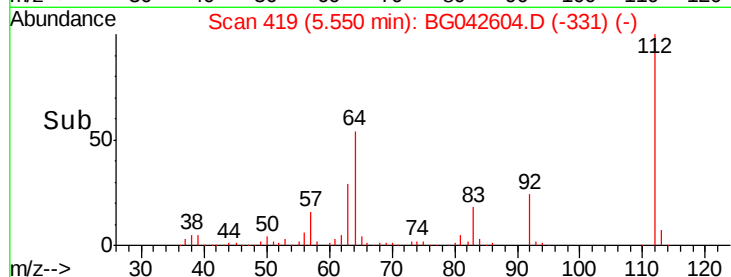
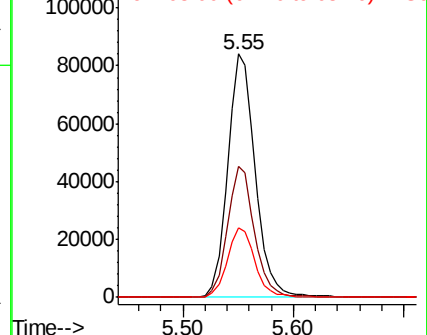
112 100

64 53.6 42.8 64.2

63 28.6 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: 37.769 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG042604.D

Acq: 30 Aug 2019 17:22

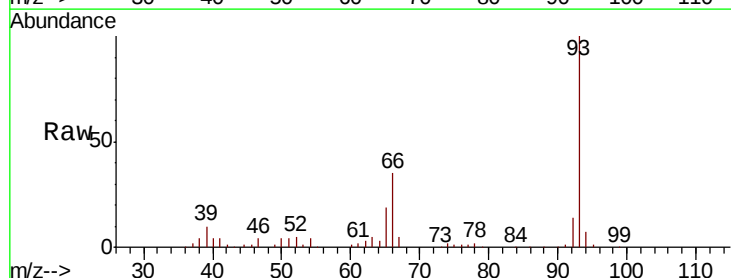
Tgt Ion: 93 Resp: 125341

Ion Ratio Lower Upper

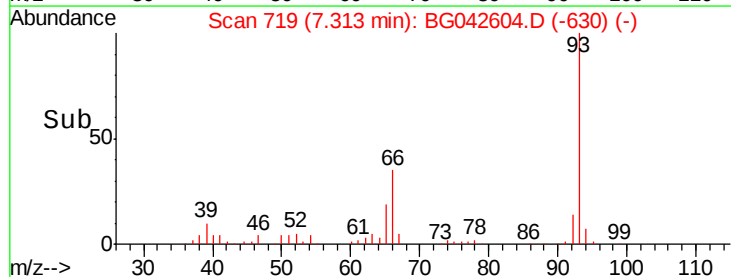
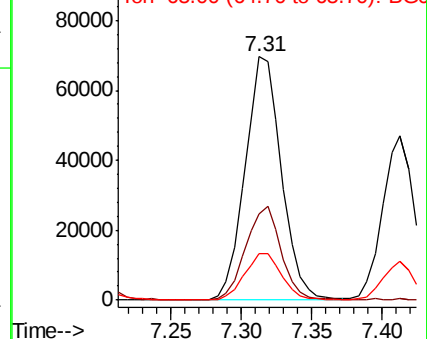
93 100

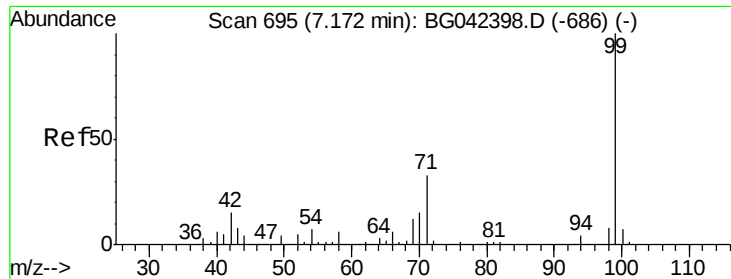
66 35.3 29.0 43.6

65 19.1 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: 76.655 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042604.D

Acq: 30 Aug 2019 17:22

Instrument :

BNA_G

ClientSampled :

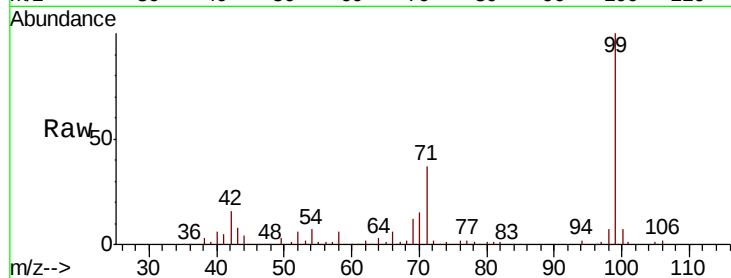
Tot Ion: 99 Resp: 190728

Ion Ratio Lower Upper

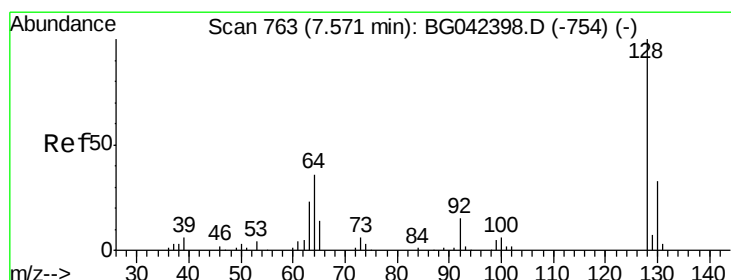
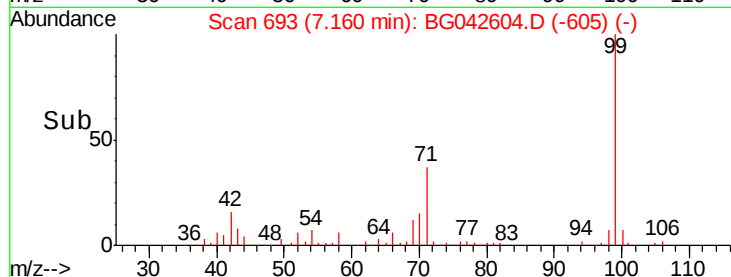
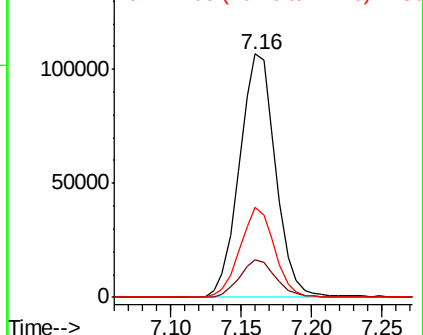
99 100

42 15.6 12.0 18.0

71 36.8 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: 39.924 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BG042604.D

Acq: 30 Aug 2019 17:22

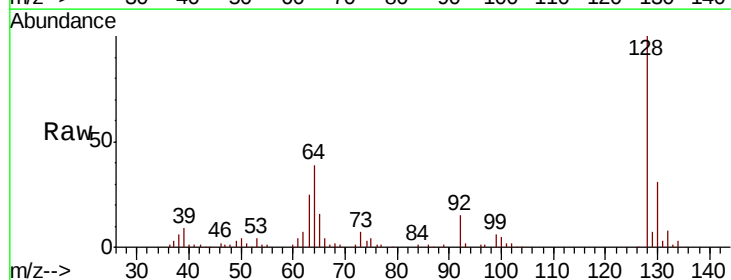
Tgt Ion: 128 Resp: 89125

Ion Ratio Lower Upper

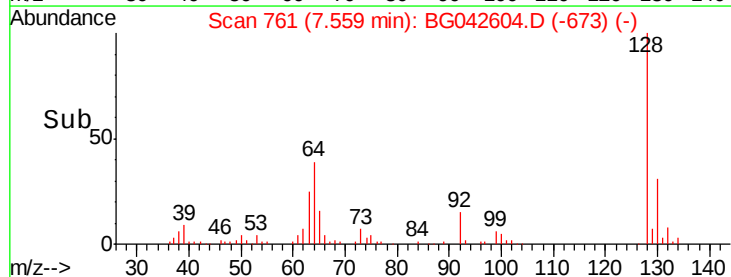
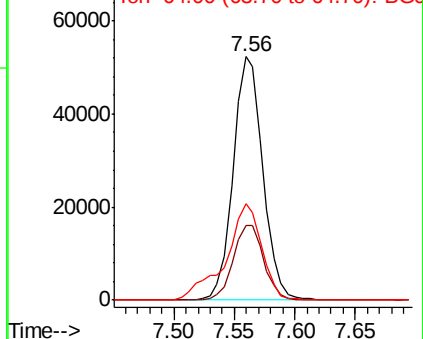
128 100

130 30.9 12.8 52.8

64 39.4 19.2 59.2



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





#9

Benzaldehyde

Concen: 40.350 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG042604.D

Acq: 30 Aug 2019 17:22

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BNA_G

ClientSampleId :

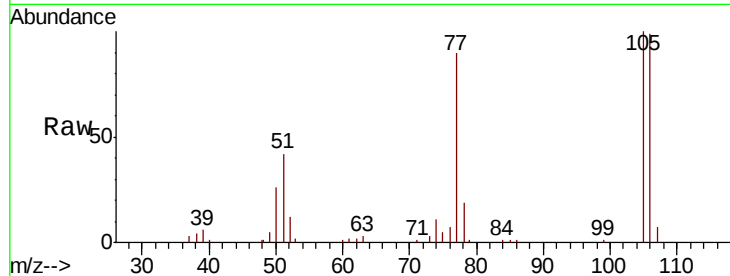
Tot Ion: 77 Resp: 50263

Ion Ratio Lower Upper

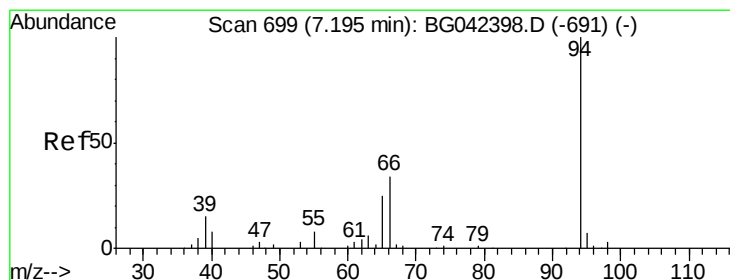
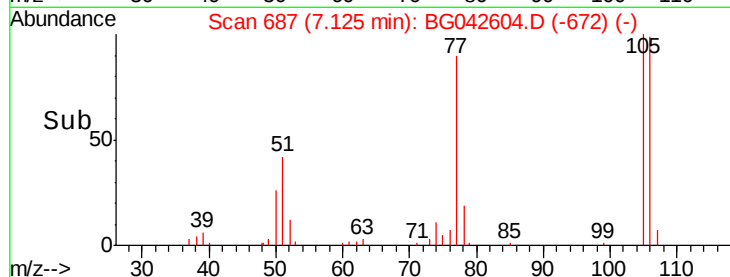
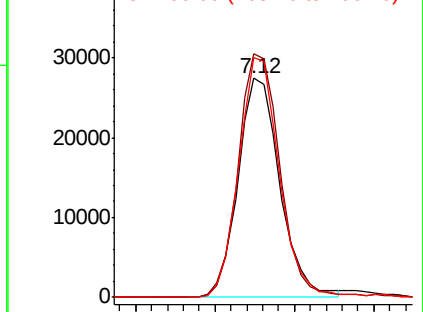
77 100

105 111.3 93.4 133.4

106 109.7 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: 38.300 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042604.D

Acq: 30 Aug 2019 17:22

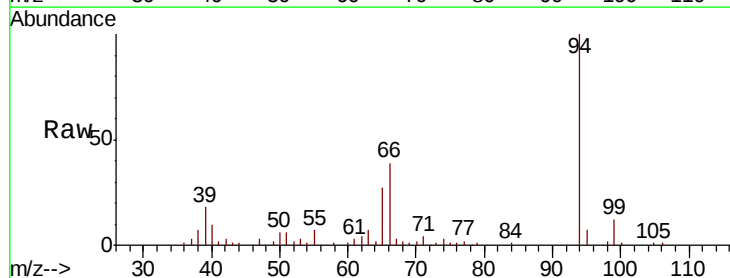
Tgt Ion: 94 Resp: 96892

Ion Ratio Lower Upper

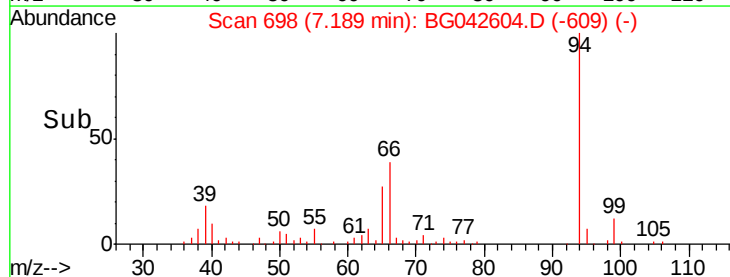
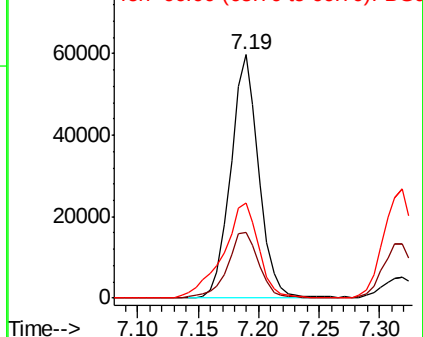
94 100

65 27.2 5.6 45.6

66 39.0 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

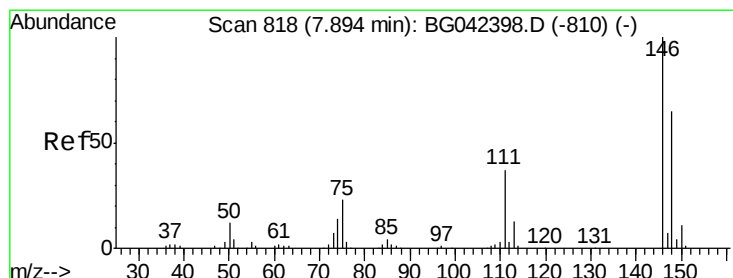
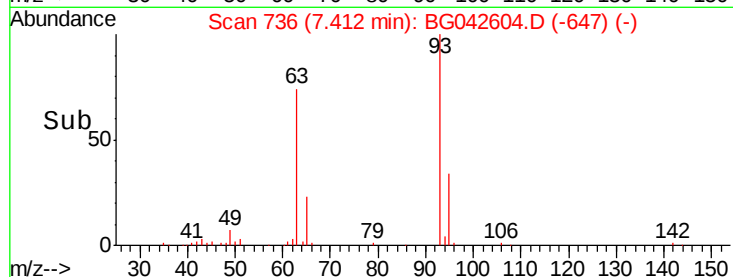
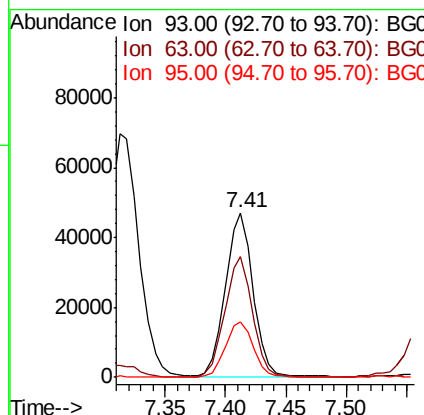
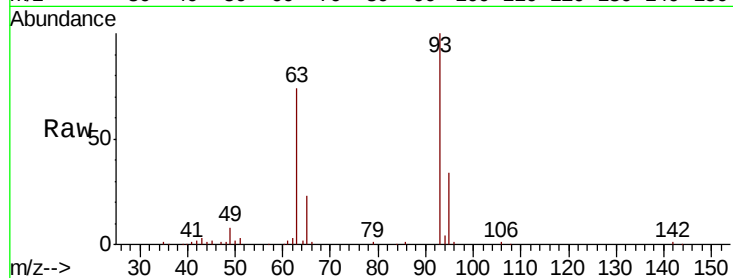




#11
 bis(2-Chloroethyl)ether
 Concen: 37.635 ng
 RT: 7.41 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BG042604.D
 Acq: 30 Aug 2019 17:22

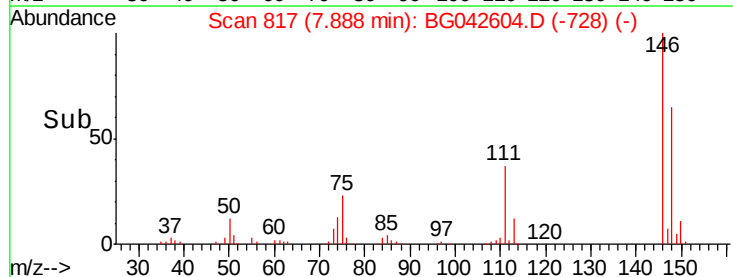
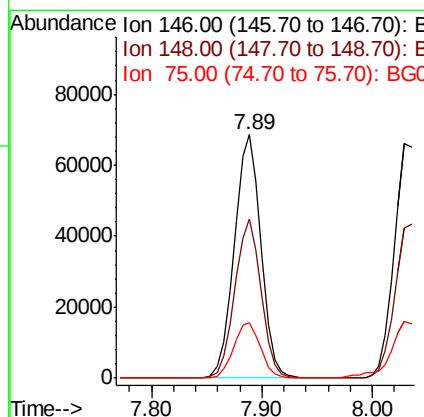
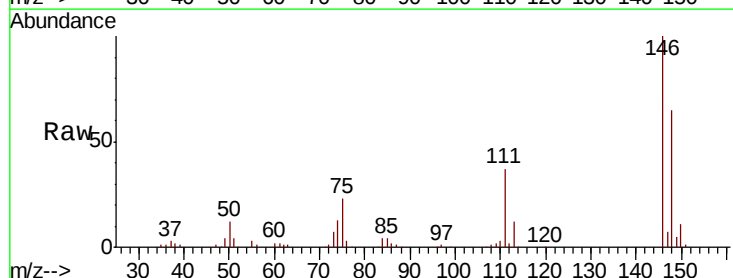
Instrument :
 BNA_G
 ClientSampled :

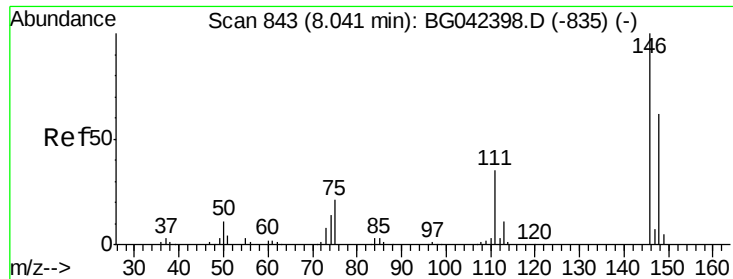
Tot Ion: 93 Resp: 74774
 Ion Ratio Lower Upper
 93 100
 63 73.5 53.8 93.8
 95 33.7 13.1 53.1



#12
 1,3-Dichlorobenzene
 Concen: 40.682 ng
 RT: 7.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BG042604.D
 Acq: 30 Aug 2019 17:22

Tgt Ion: 146 Resp: 115531
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.2 78.2
 75 22.9 18.0 27.0

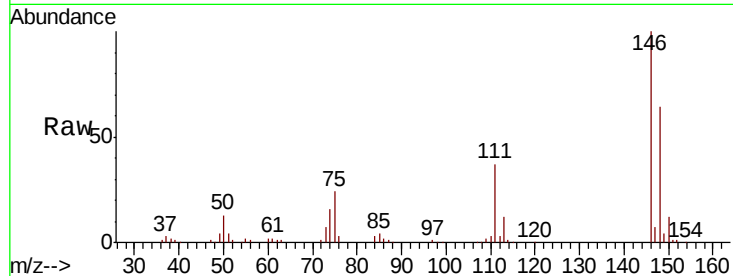




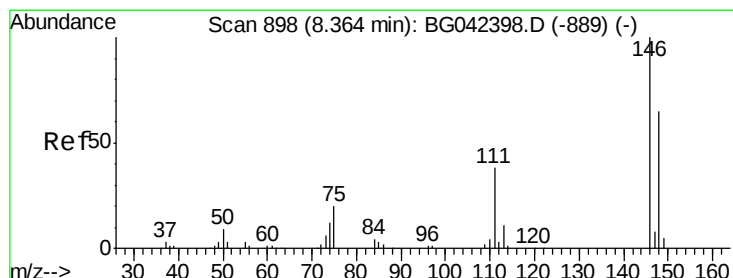
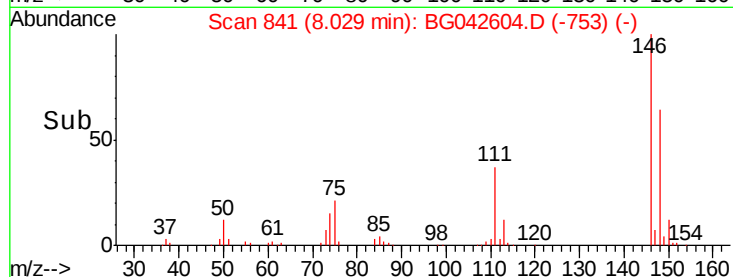
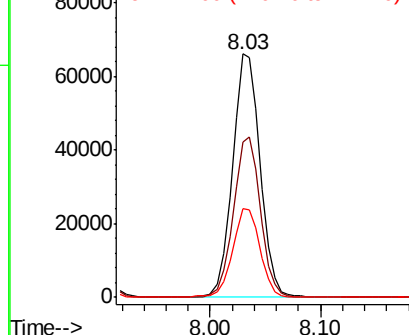
#13
 1,4-Dichlorobenzene
 Concen: 40.034 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG042604.D
 Acq: 30 Aug 2019 17:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 115161
 Ion Ratio Lower Upper
 146 100
 148 63.9 49.5 74.3
 111 36.6 28.1 42.1

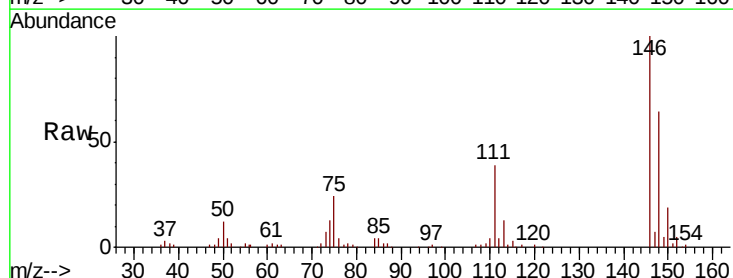


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

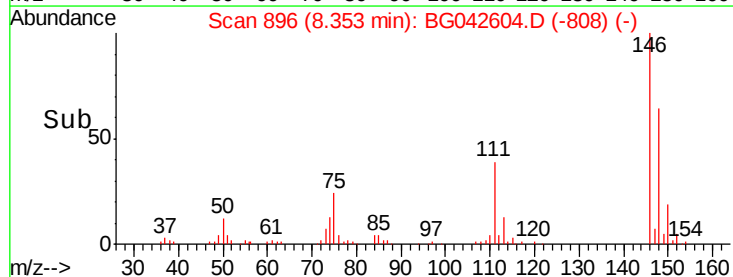
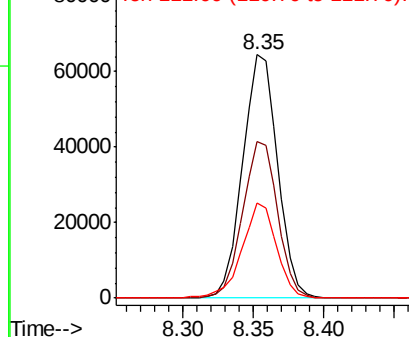


#14
 1,2-Dichlorobenzene
 Concen: 40.531 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG042604.D
 Acq: 30 Aug 2019 17:22

Tgt Ion:146 Resp: 111652
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.8 77.6
 111 39.3 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: 40.277 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG042604.D

Acq: 30 Aug 2019 17:22

Instrument :

BNA_G

ClientSampled :

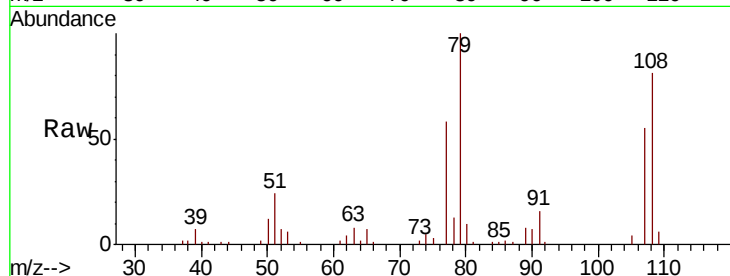
Tot Ion: 79 Resp: 72098

Ion Ratio Lower Upper

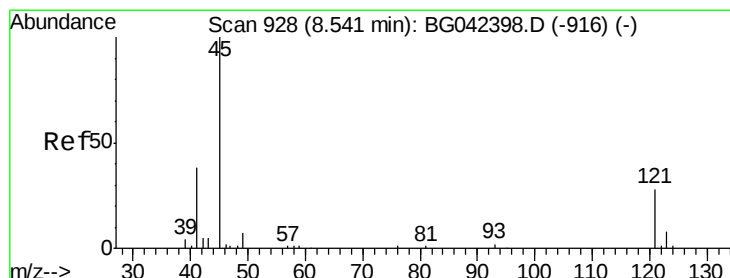
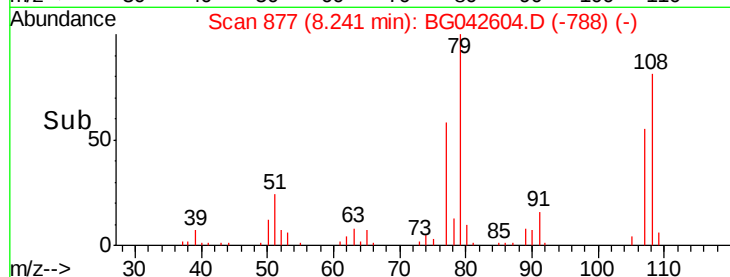
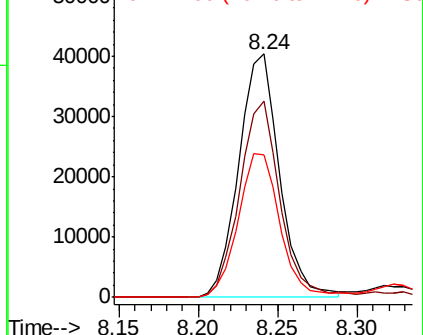
79 100

108 80.6 67.4 101.2

77 58.4 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: 36.567 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG042604.D

Acq: 30 Aug 2019 17:22

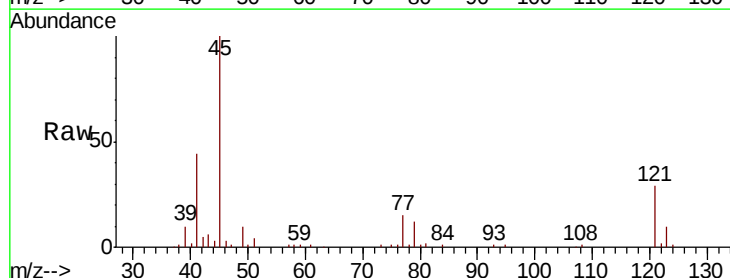
Tgt Ion: 45 Resp: 98470

Ion Ratio Lower Upper

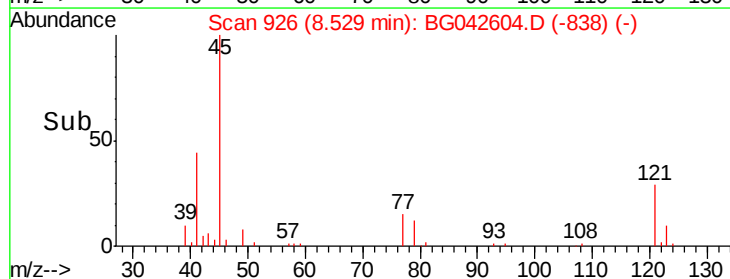
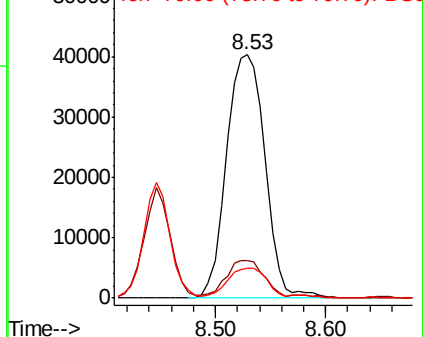
45 100

77 15.4 0.0 35.6

79 12.4 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

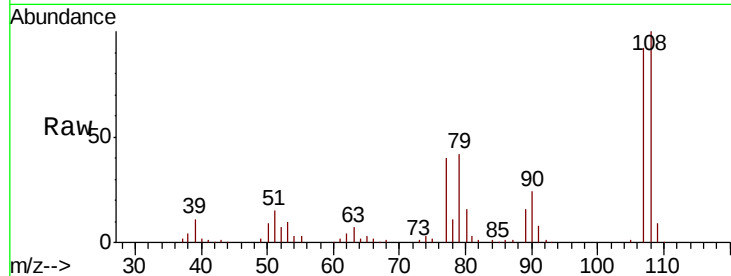




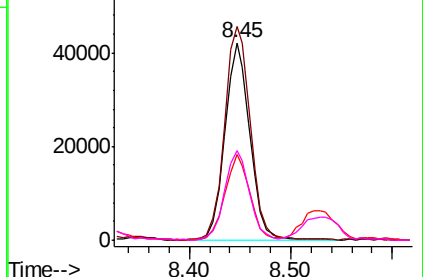
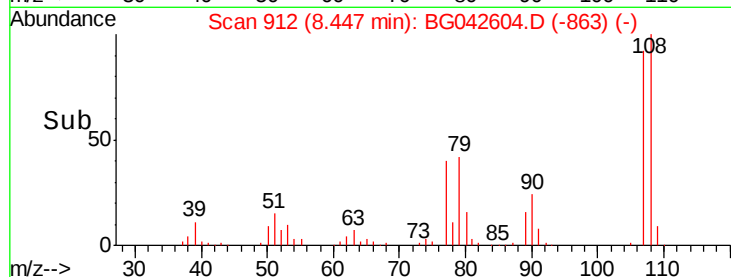
#17
2-Methylphenol
Concen: 38.411 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG042604.D
Acq: 30 Aug 2019 17:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 71573
Ion Ratio Lower Upper
107 100
108 108.1 92.9 139.3
77 43.3 34.4 51.6
79 45.5 33.8 50.6

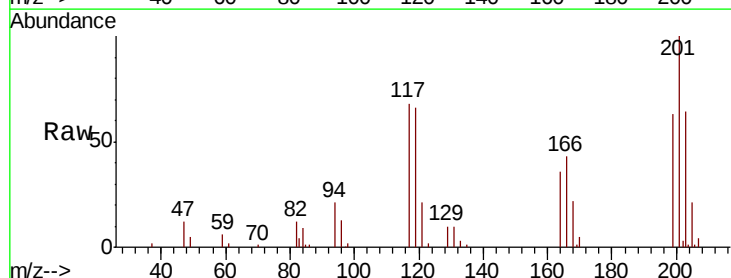


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

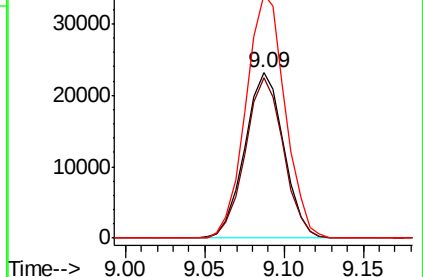
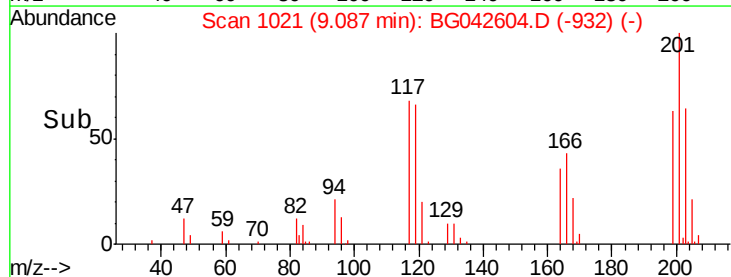


#18
Hexachloroethane
Concen: 40.105 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG042604.D
Acq: 30 Aug 2019 17:22

Tgt Ion:117 Resp: 39494
Ion Ratio Lower Upper
117 100
119 97.1 73.8 110.8
201 147.3 108.3 162.5



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

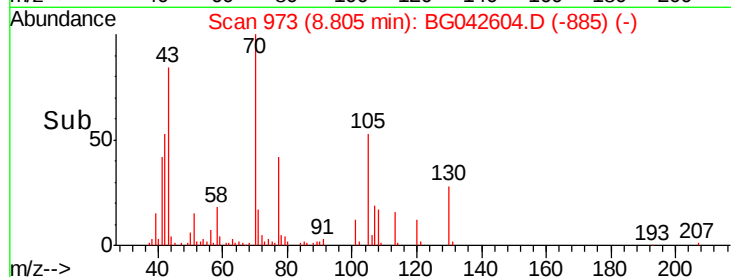
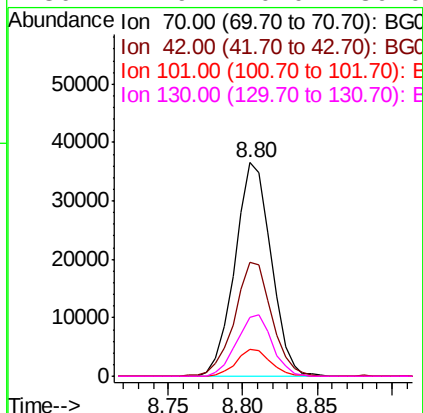
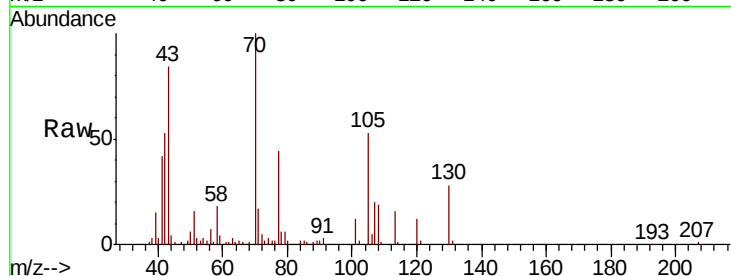




#19
n-Nitroso-di-n-propylamine
Concen: 38.204 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG042604.D
Acq: 30 Aug 2019 17:22

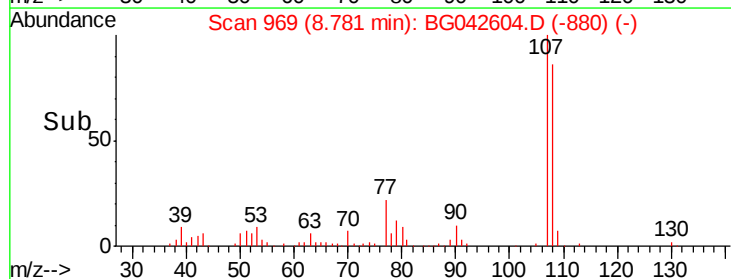
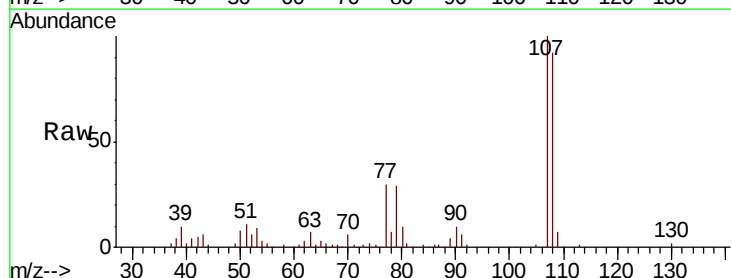
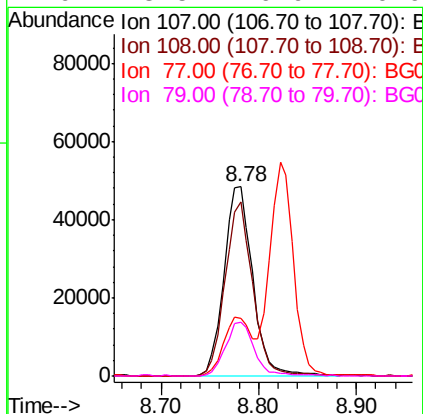
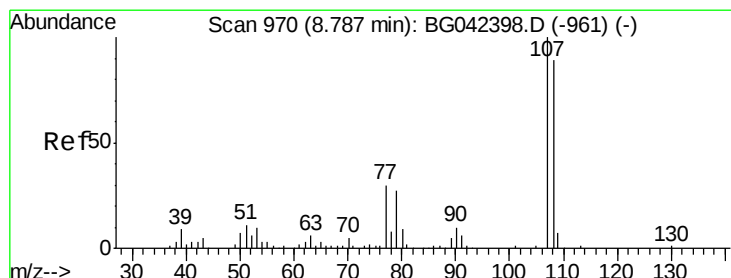
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	61583
Ion	Ratio	Lower	Upper
70	100		
42	53.2	38.8	58.2
101	12.4	9.0	13.6
130	27.9	20.0	30.0



#20
3+4-Methylphenols
Concen: 38.193 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG042604.D
Acq: 30 Aug 2019 17:22

Tgt Ion:	107	Resp:	98475
Ion	Ratio	Lower	Upper
107	100		
108	92.4	68.7	108.7
77	30.4	10.2	50.2
79	28.5	6.9	46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG042604.D

Acq: 30 Aug 2019 17:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 154569

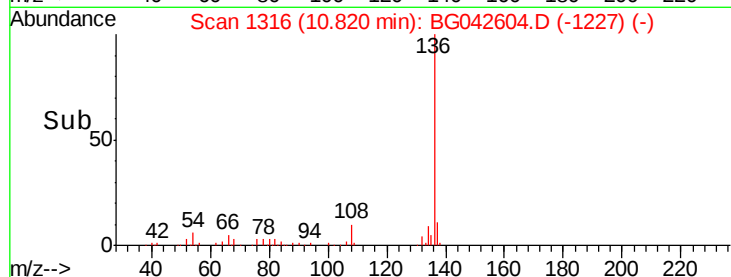
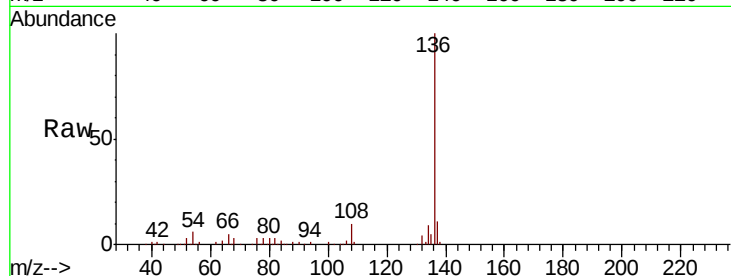
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 5.7 4.9 7.3

68 3.0 3.6 5.4#

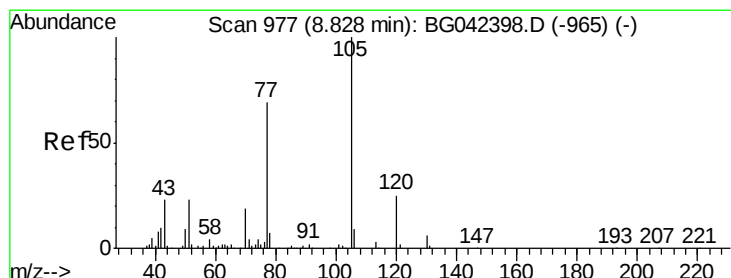
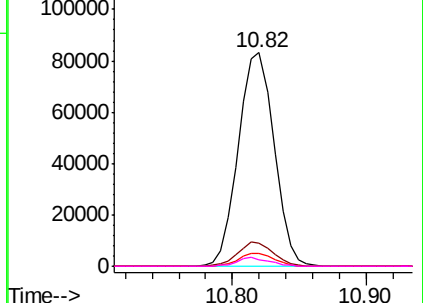


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.439 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG042604.D

Acq: 30 Aug 2019 17:22

Tgt Ion:105 Resp: 133690

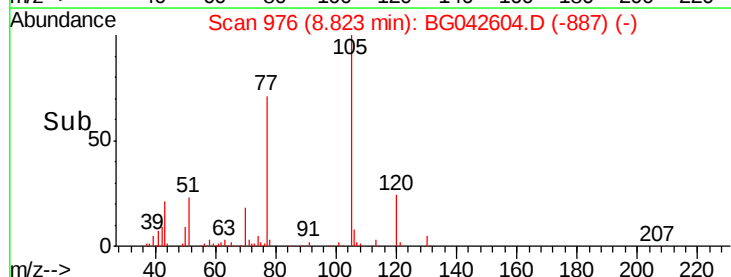
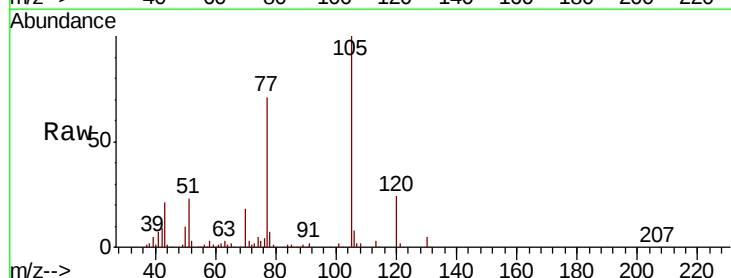
Ion Ratio Lower Upper

105 100

71 2.9 2.8 4.2

51 23.1 18.7 28.1

120 24.0 20.1 30.1

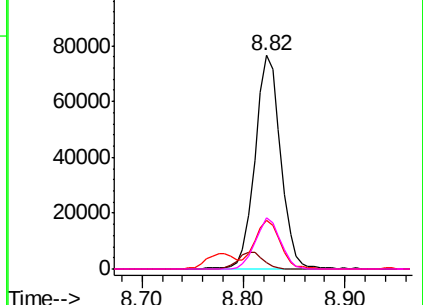


Abundance Ion 105.00 (104.70 to 105.70): E

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

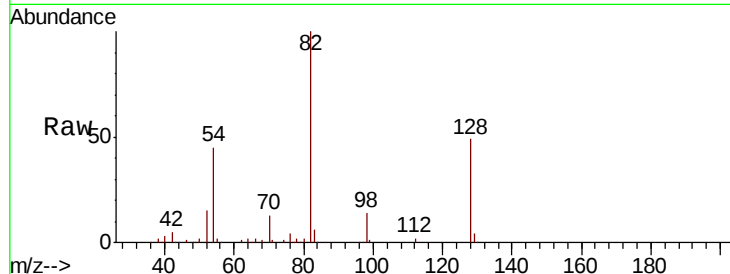




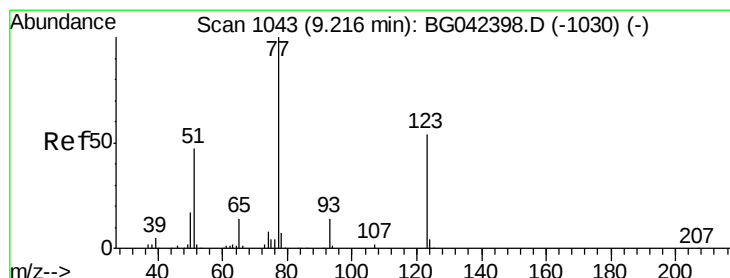
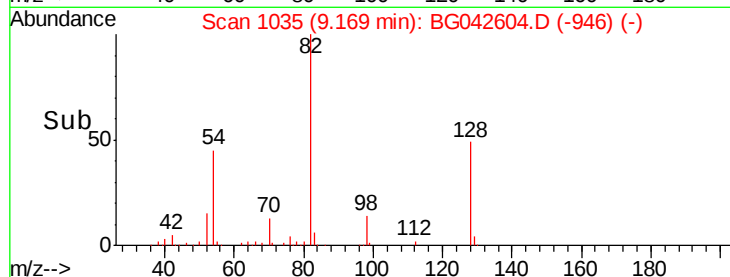
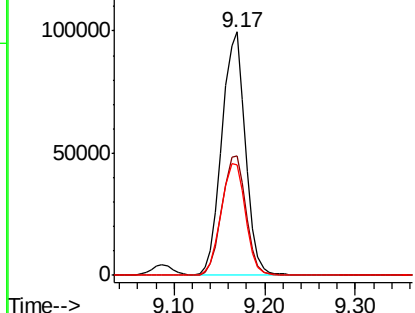
#23
Nitrobenzene-d5
Concen: 80.403 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042604.D
Acq: 30 Aug 2019 17:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	179842
Ion Ratio	Lower	Upper	
82	100		
128	49.0	40.7	61.1
54	45.4	36.3	54.5

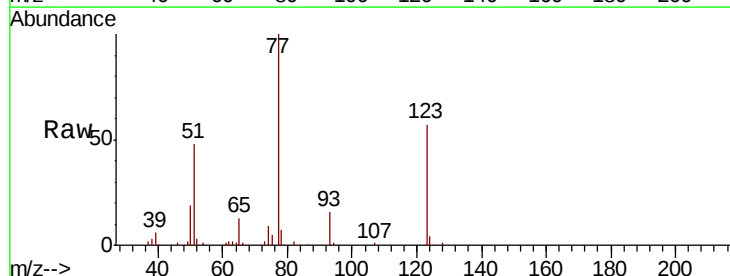


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

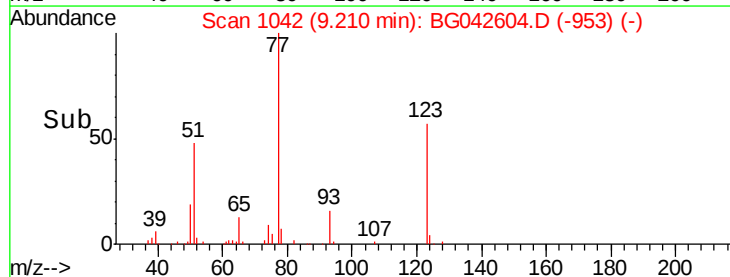
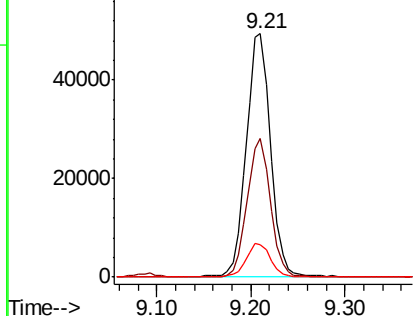


#24
Nitrobenzene
Concen: 39.069 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG042604.D
Acq: 30 Aug 2019 17:22

Tgt Ion	77	Resp	88493
Ion Ratio	Lower	Upper	
77	100		
123	56.7	43.4	65.0
65	13.4	11.0	16.6



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





#25

Isophorone

Concen: 38.633 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042604.D

Acq: 30 Aug 2019 17:22

Instrument :

BNA_G

ClientSampleId :

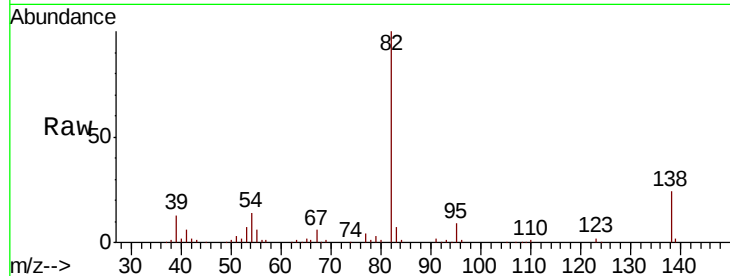
Tot Ion: 82 Resp: 170537

Ion Ratio Lower Upper

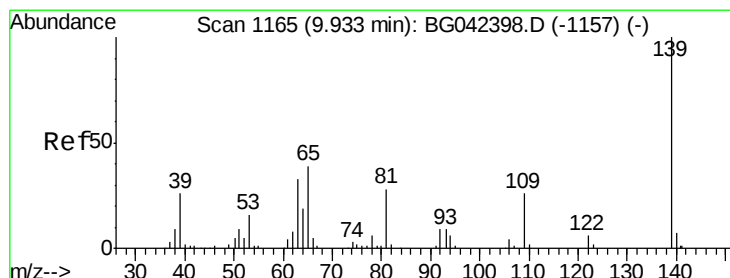
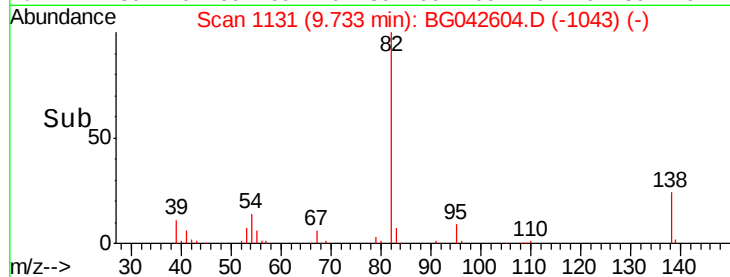
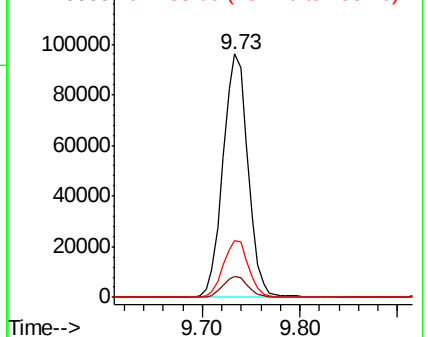
82 100

95 8.6 6.6 9.8

138 23.5 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: 39.865 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BG042604.D

Acq: 30 Aug 2019 17:22

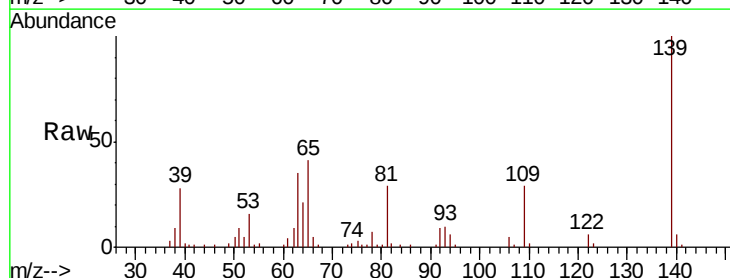
Tgt Ion: 139 Resp: 56585

Ion Ratio Lower Upper

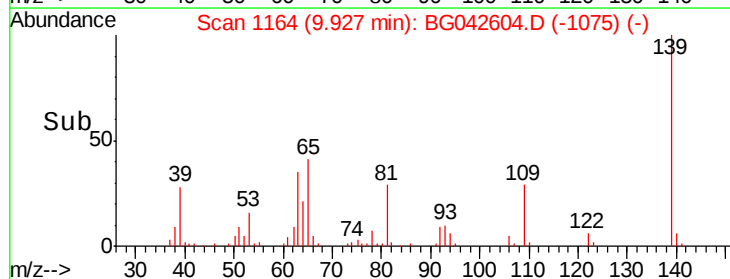
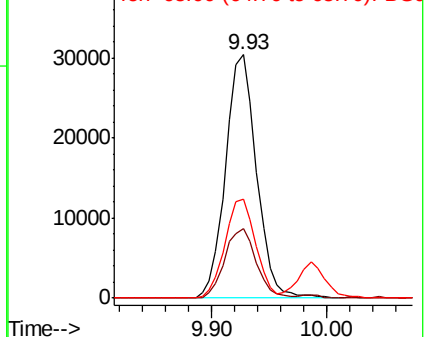
139 100

109 28.8 20.5 30.7

65 40.7 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

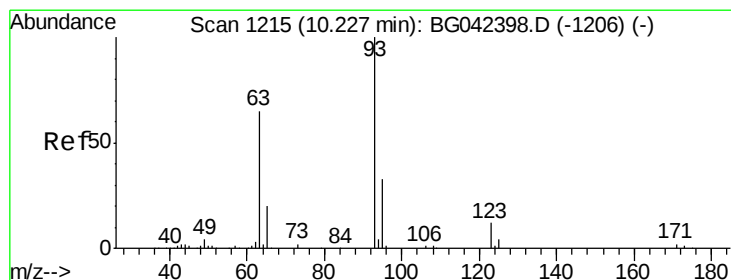
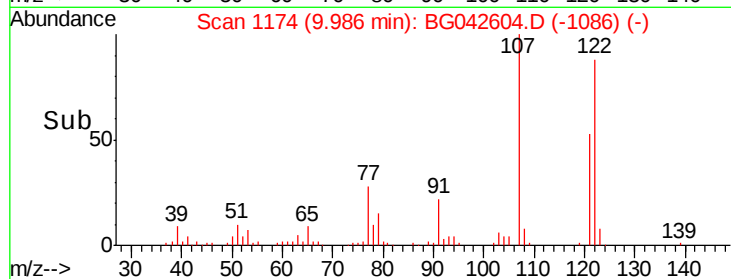
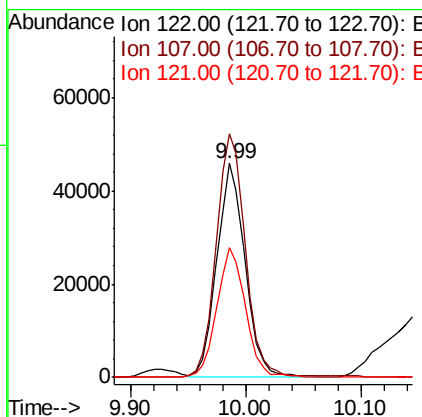
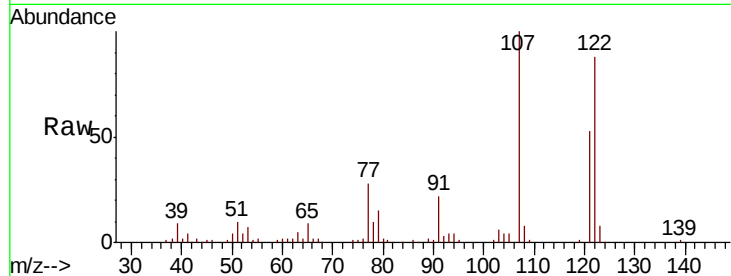




#27
 2,4-Dimethylphenol
 Concen: 39.808 ng
 RT: 9.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BG042604.D
 Acq: 30 Aug 2019 17:22

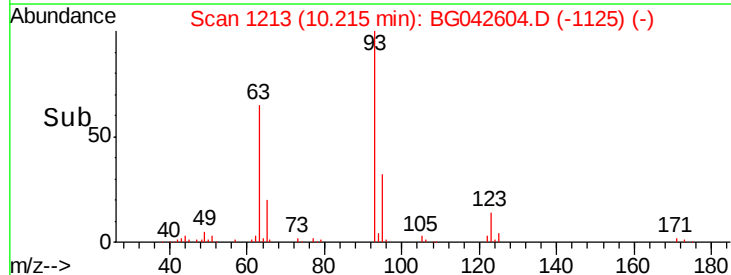
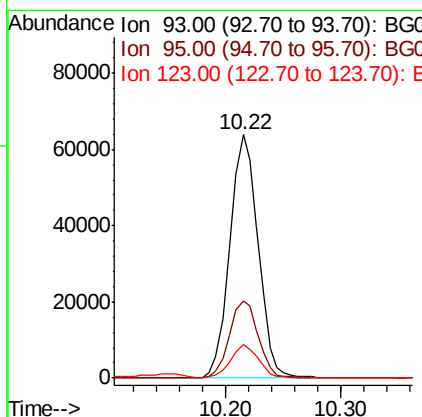
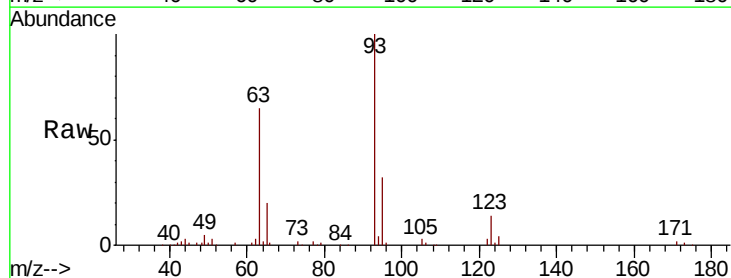
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 77835
 Ion Ratio Lower Upper
 122 100
 107 113.9 90.8 136.2
 121 60.7 49.6 74.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.907 ng
 RT: 10.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BG042604.D
 Acq: 30 Aug 2019 17:22

Tgt Ion: 93 Resp: 108249
 Ion Ratio Lower Upper
 93 100
 95 31.8 26.6 40.0
 123 13.8 10.1 15.1

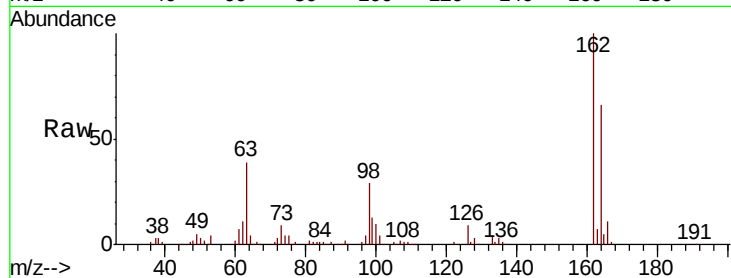




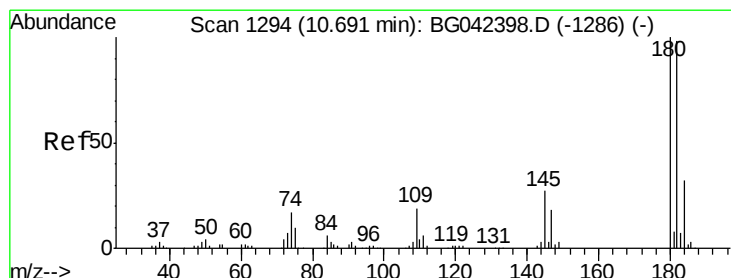
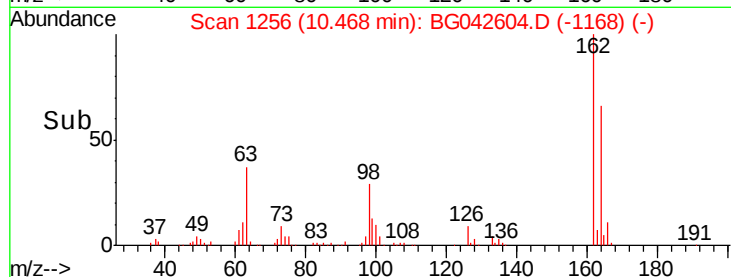
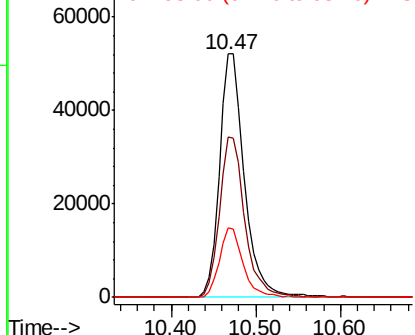
#29
 2,4-Dichlorophenol
 Concen: 41.556 ng
 RT: 10.47 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BG042604.D
 Acq: 30 Aug 2019 17:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.0	48.1	88.1
98	28.6	7.6	47.6

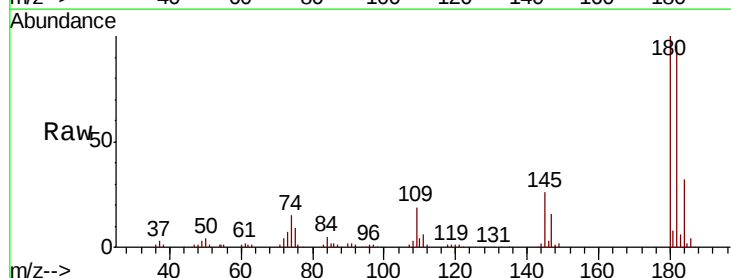


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

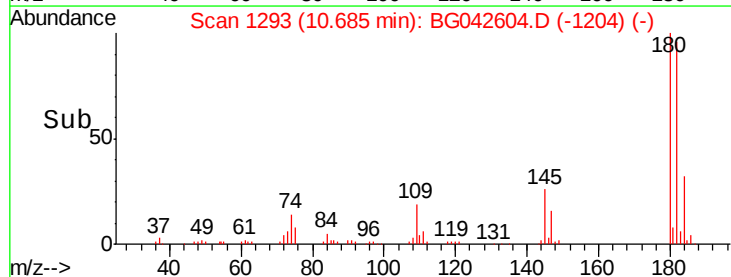
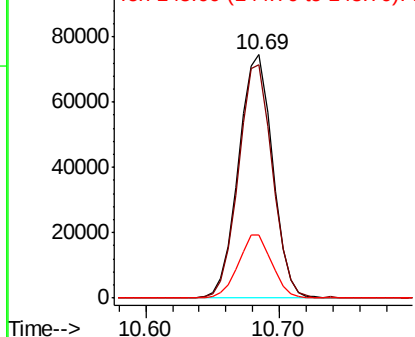


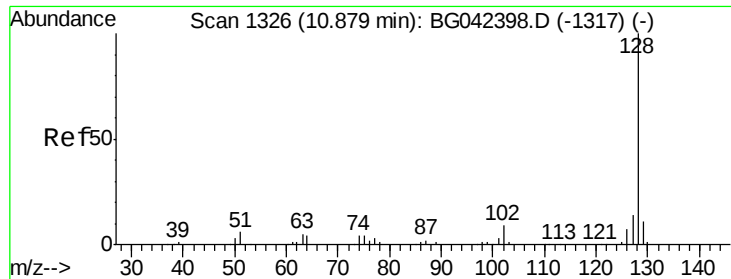
#30
 1,2,4-Trichlorobenzene
 Concen: 41.851 ng
 RT: 10.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BG042604.D
 Acq: 30 Aug 2019 17:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	78.7	118.1
145	26.1	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

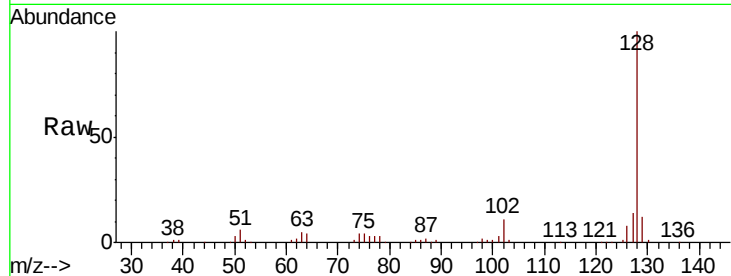




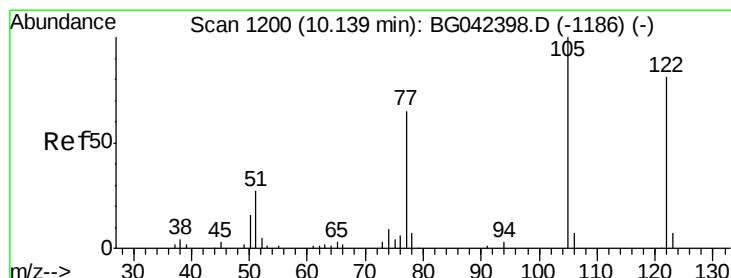
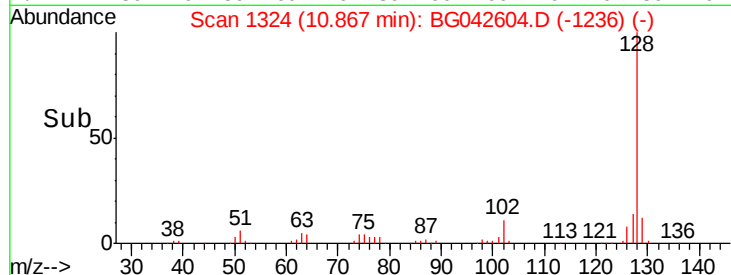
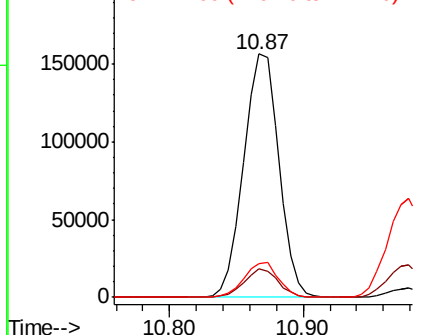
#31
Naphthalene
Concen: 39.764 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042604.D
Acq: 30 Aug 2019 17:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 285359
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 14.0 11.4 17.0

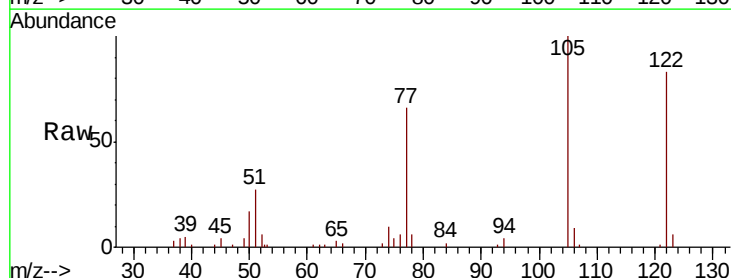


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

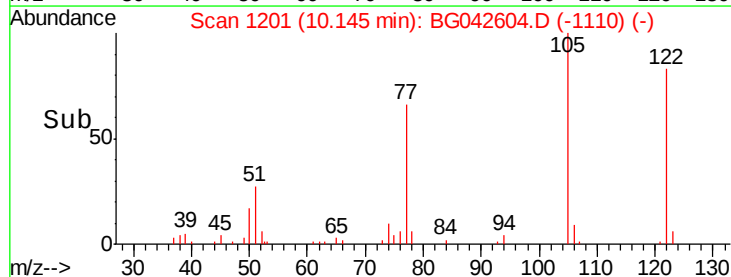
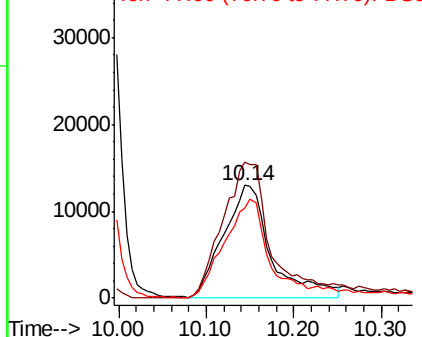


#32
Benzoic acid
Concen: 36.568 ng
RT: 10.14 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BG042604.D
Acq: 30 Aug 2019 17:22

Tgt Ion:122 Resp: 48564
Ion Ratio Lower Upper
122 100
105 120.4 99.6 139.6
77 79.8 59.5 99.5



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

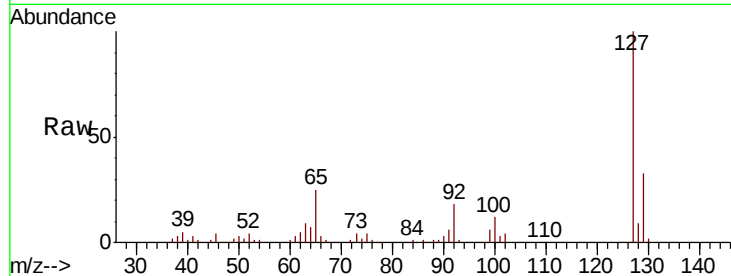




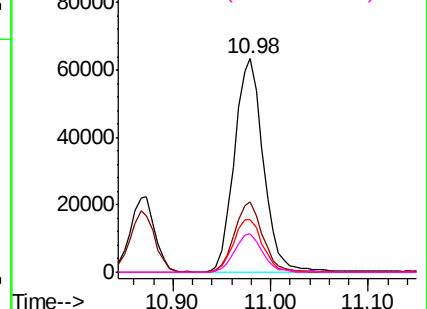
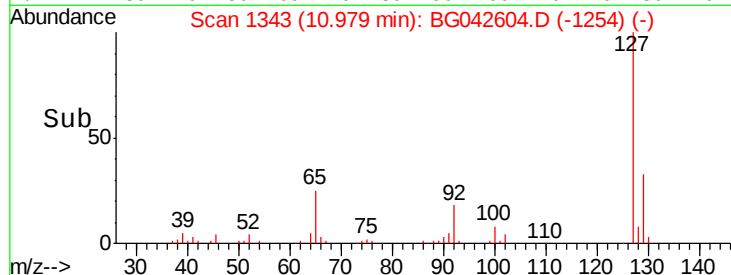
#33
4-Chloroaniline
Concen: 39.587 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG042604.D
Acq: 30 Aug 2019 17:22

Instrument :
BNA_G
ClientSampled :

Tot Ion:127	Resp:	131143
Ion Ratio	Lower	Upper
127	100	
129	32.8	26.8 40.2
65	24.7	20.7 31.1
92	17.8	13.6 20.4

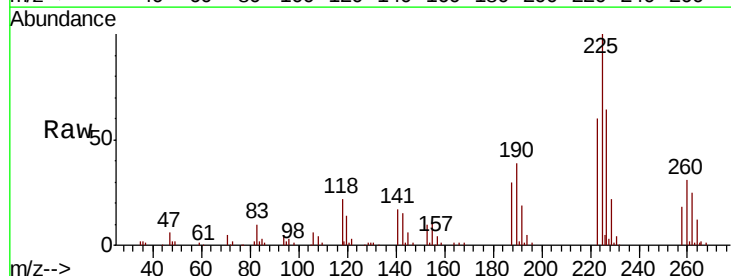


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

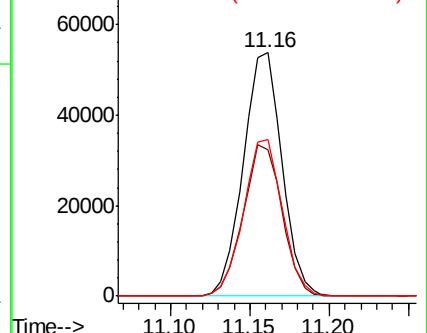
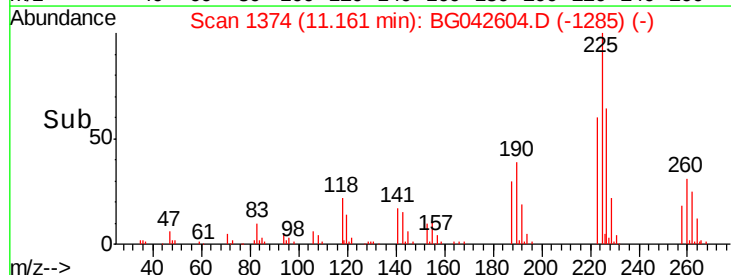


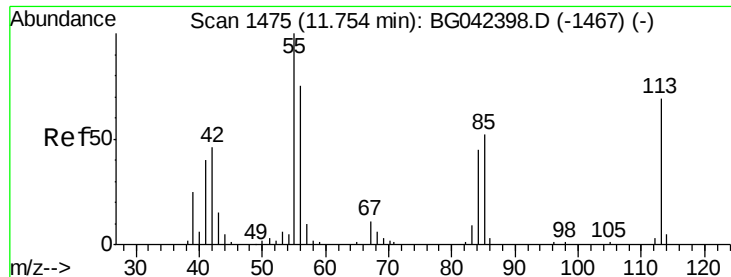
#34
Hexachlorobutadiene
Concen: 43.257 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG042604.D
Acq: 30 Aug 2019 17:22

Tgt Ion:225	Resp:	91284
Ion Ratio	Lower	Upper
225	100	
223	60.0	49.8 74.6
227	64.2	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: 38.521 ng

RT: 11.75 min Scan# 1475

Delta R.T. -0.00 min

Lab File: BG042604.D

Acq: 30 Aug 2019 17:22

Instrument :

BNA_G

ClientSampleId :

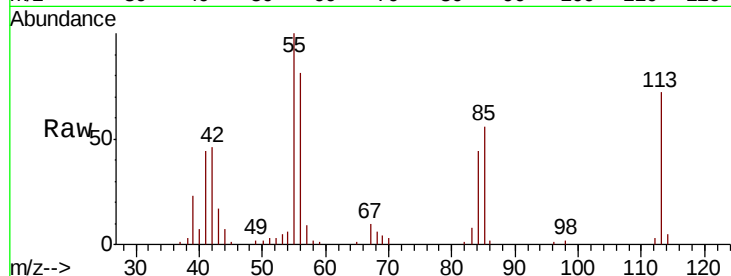
Tot Ion:113 Resp: 32882

Ion Ratio Lower Upper

113 100

55 139.3 124.6 164.6

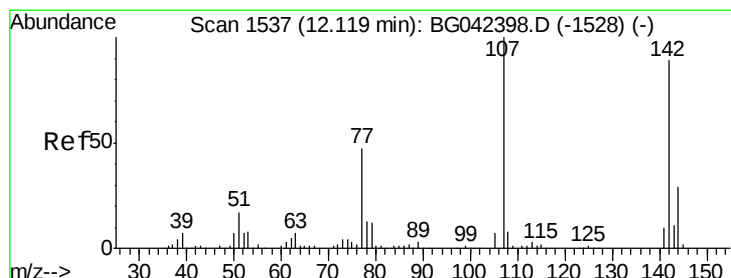
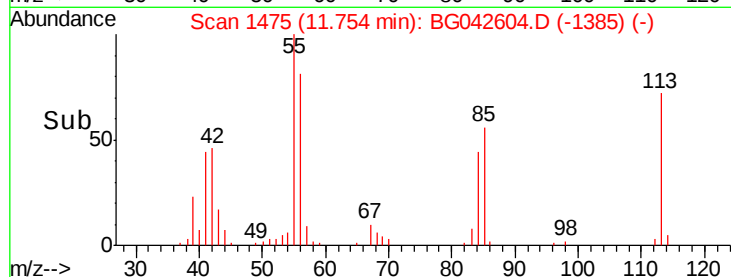
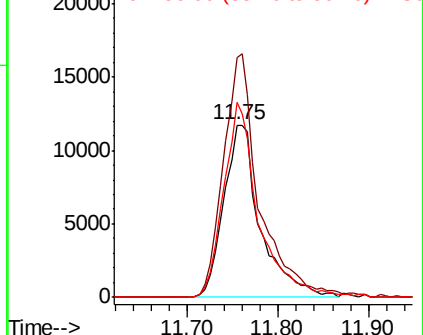
56 112.9 88.3 128.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 39.723 ng

RT: 12.11 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BG042604.D

Acq: 30 Aug 2019 17:22

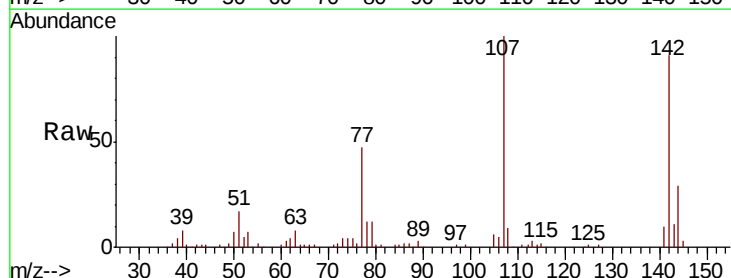
Tgt Ion:107 Resp: 96465

Ion Ratio Lower Upper

107 100

144 29.2 23.6 35.4

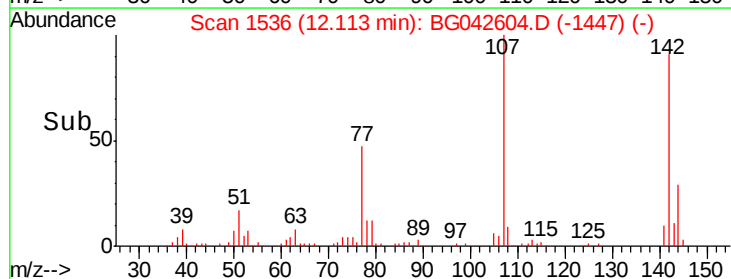
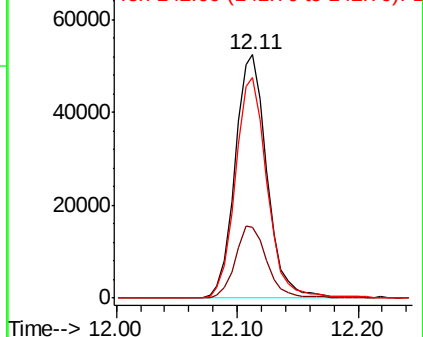
142 90.6 71.0 106.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

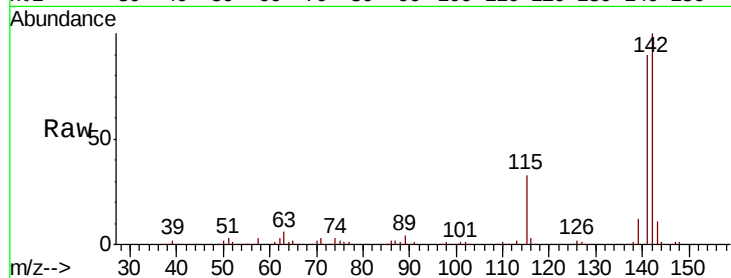




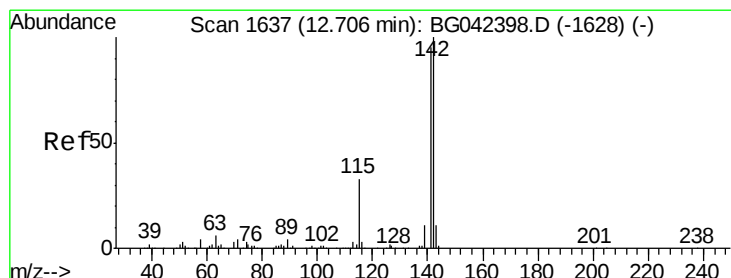
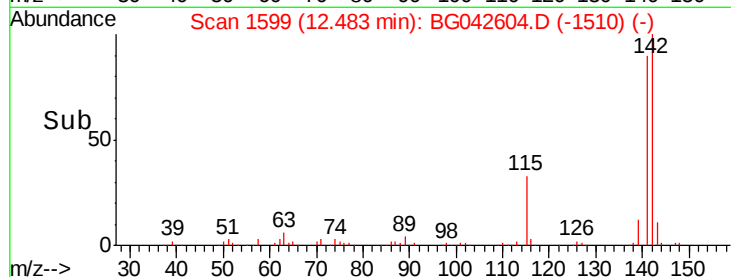
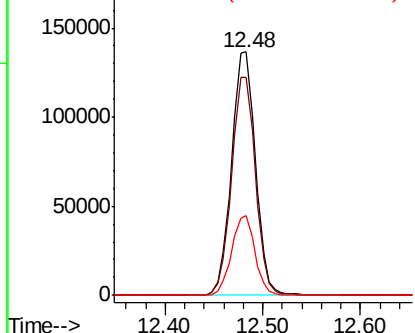
#37
2-Methylnaphthalene
Concen: 40.467 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BG042604.D
Acq: 30 Aug 2019 17:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.4	107.2
115	32.8	25.2	37.8

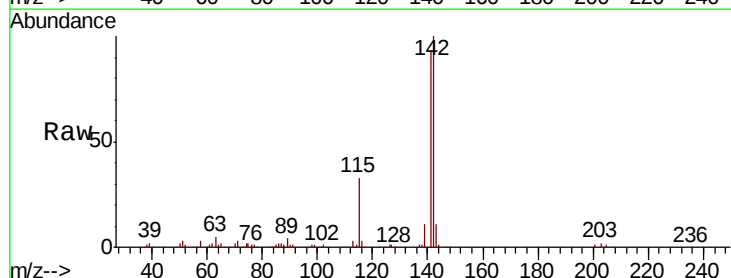


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

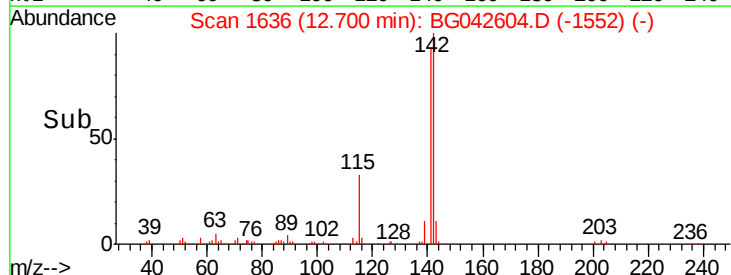
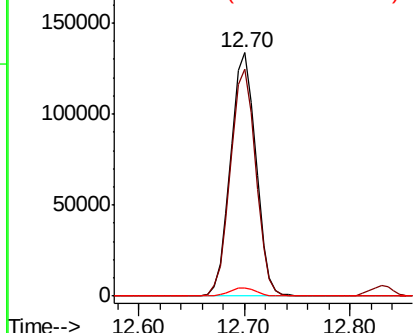


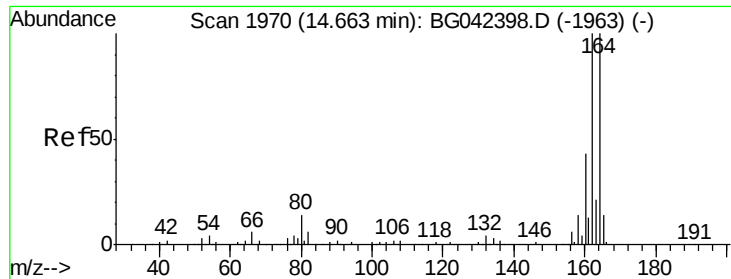
#38
1-Methylnaphthalene
Concen: 40.446 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BG042604.D
Acq: 30 Aug 2019 17:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	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: BG042604.D

Acq: 30 Aug 2019 17:22

Instrument :

BNA_G

ClientSampleId :

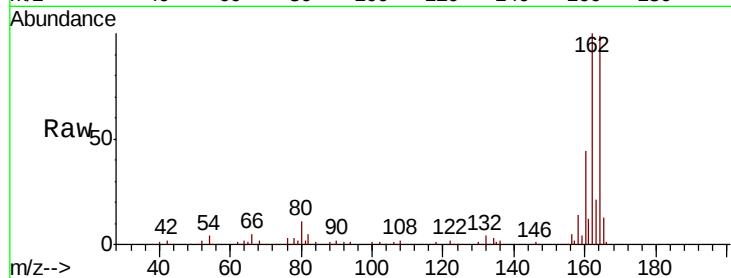
Tot Ion:164 Resp: 116715

Ion Ratio Lower Upper

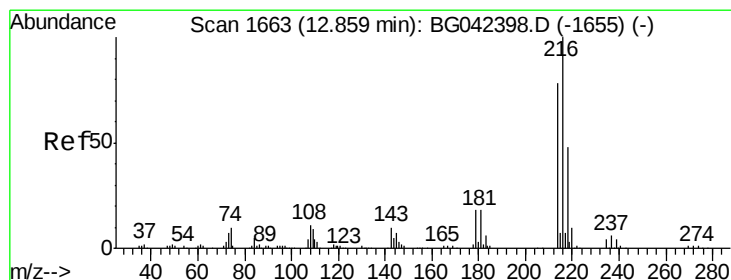
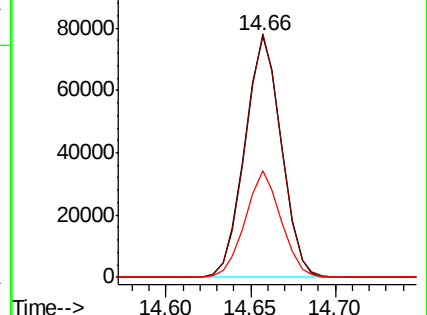
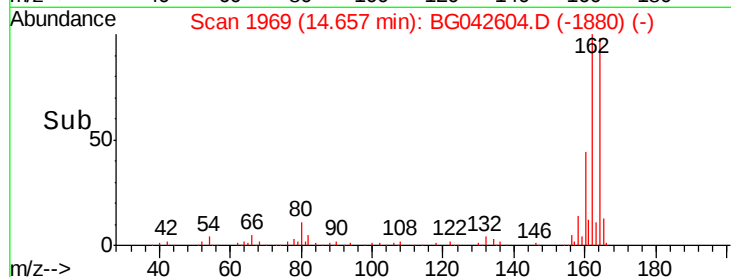
164 100

162 100.9 79.9 119.9

160 44.2 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: 42.961 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG042604.D

Acq: 30 Aug 2019 17:22

Tgt Ion:216 Resp: 161022

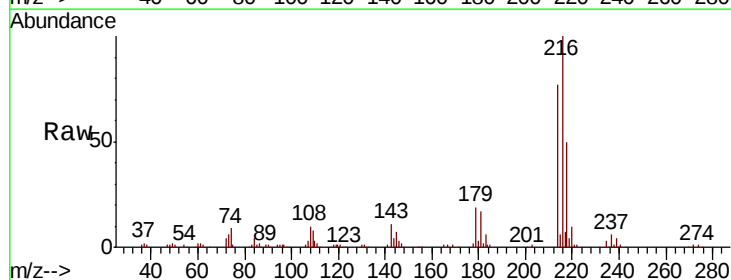
Ion Ratio Lower Upper

216 100

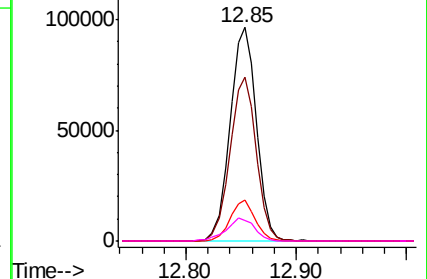
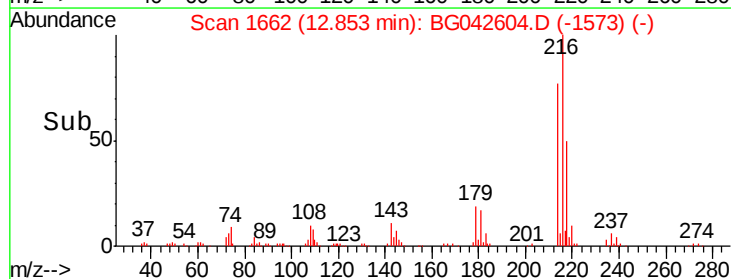
214 76.3 61.4 92.2

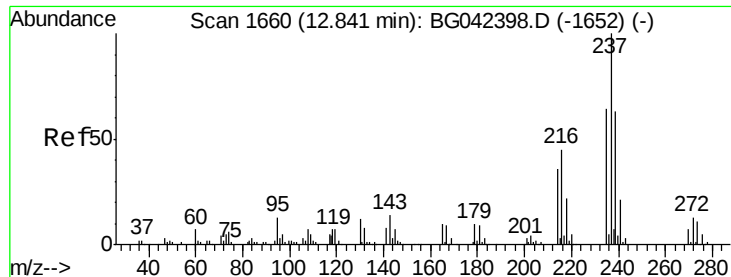
179 18.0 15.1 22.7

108 11.6 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: 50.044 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG042604.D

Acq: 30 Aug 2019 17:22

Instrument :

BNA_G

ClientSampleId :

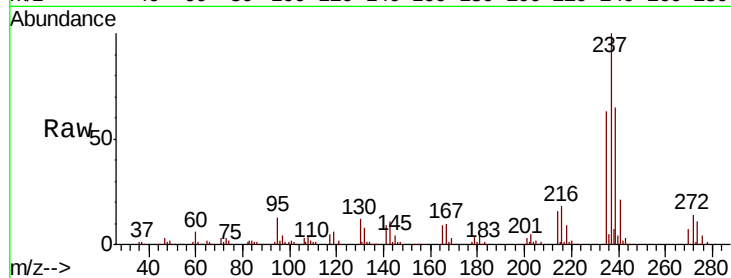
Tot Ion:237 Resp: 98529

Ion Ratio Lower Upper

237 100

235 63.1 43.7 83.7

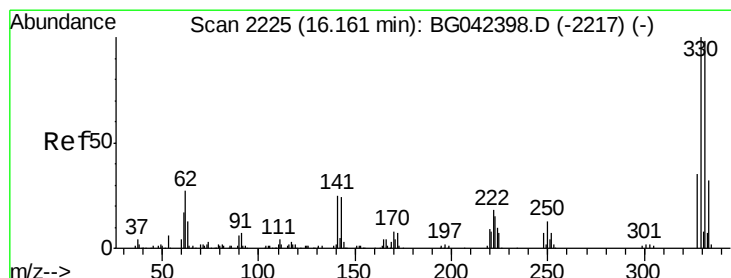
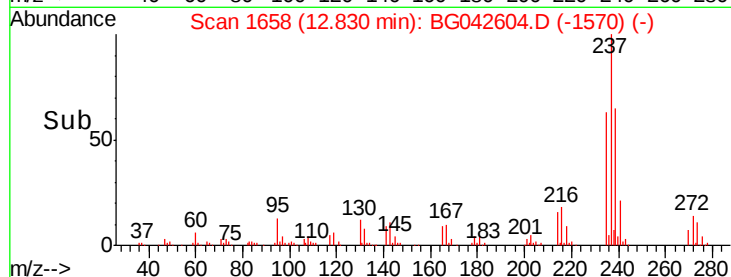
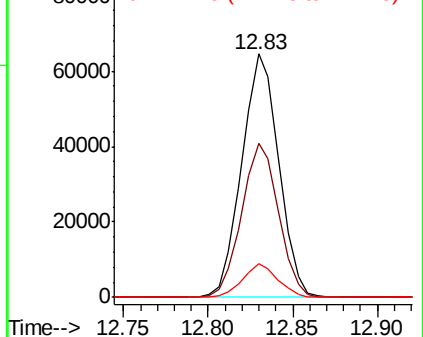
272 13.9 0.0 33.3



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: 84.465 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042604.D

Acq: 30 Aug 2019 17:22

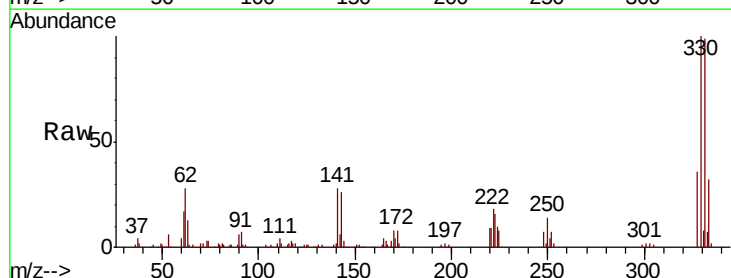
Tgt Ion:330 Resp: 140120

Ion Ratio Lower Upper

330 100

332 95.5 77.4 116.0

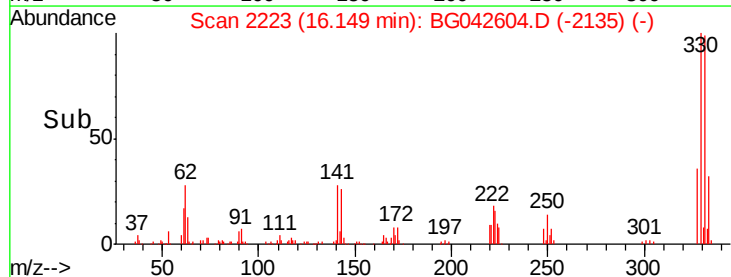
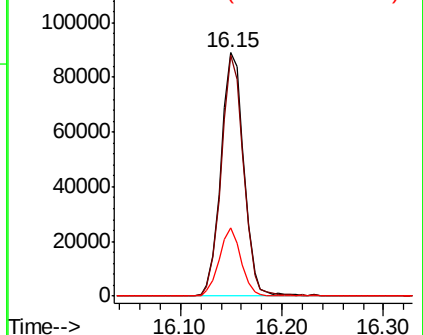
141 26.4 21.4 32.0



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

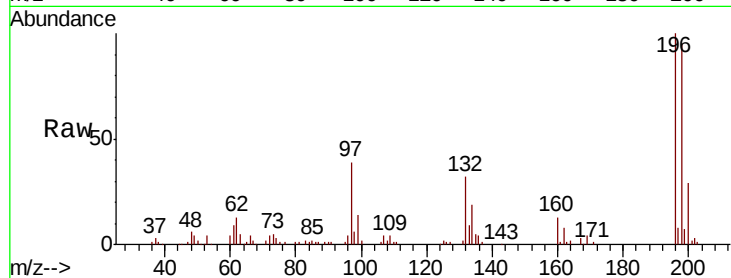




#43
 2,4,6-Trichlorophenol
 Concen: 40.906 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG042604.D
 Acq: 30 Aug 2019 17:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	103636
Ion Ratio	Lower	Upper	
196	100		
198	94.6	80.7	121.1
200	28.9	25.7	38.5

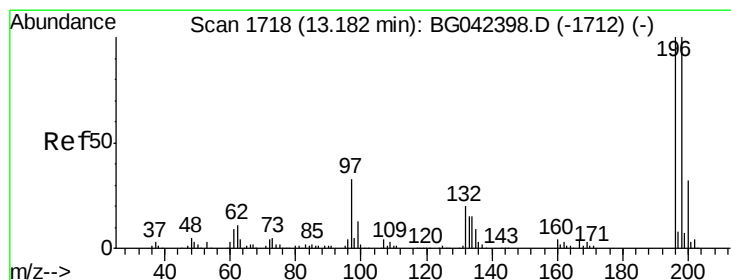
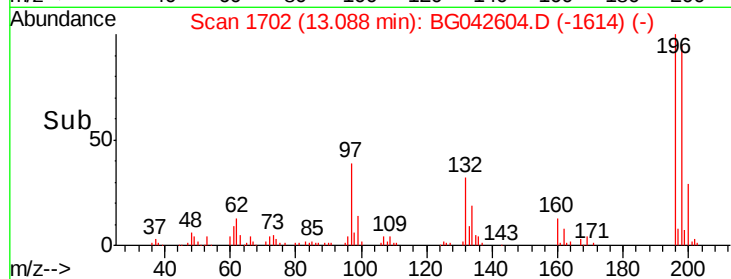
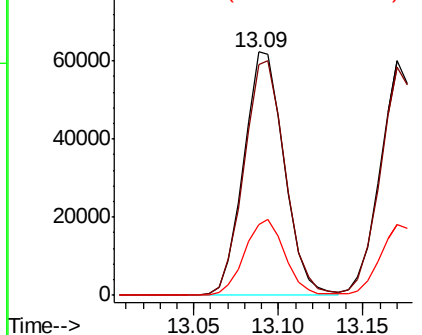


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 40.622 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042604.D
 Acq: 30 Aug 2019 17:22

Tgt Ion	196	Resp	106651
Ion Ratio	Lower	Upper	
196	100		
198	96.8	80.2	120.4
97	33.4	26.3	39.5
132	20.0	16.6	24.8

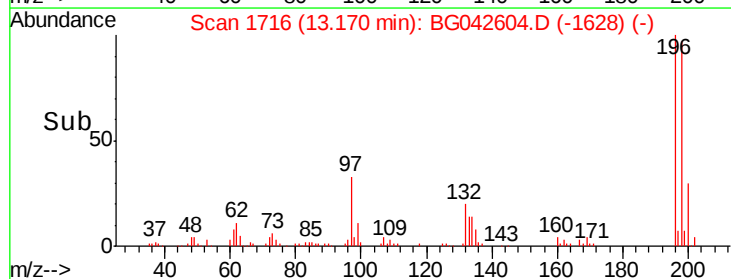
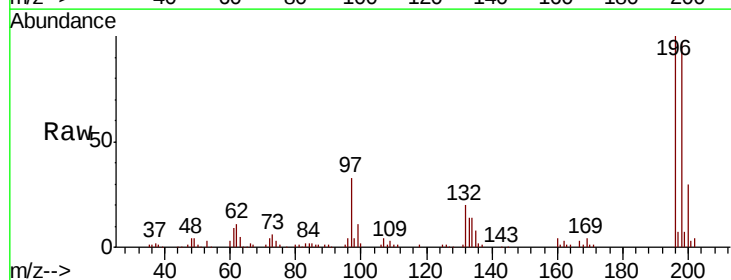
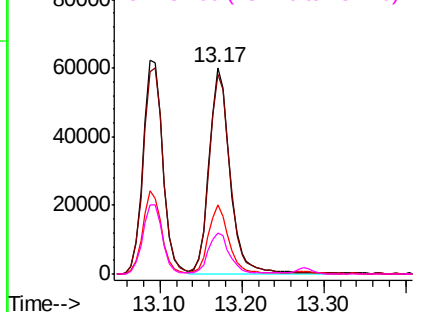
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

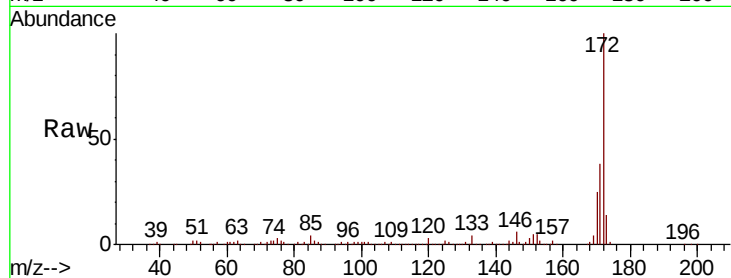




#45
 2-Fluorobiphenyl
 Concen: 85.114 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042604.D
 Acq: 30 Aug 2019 17:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.5	45.7
170	24.5	20.2	30.2

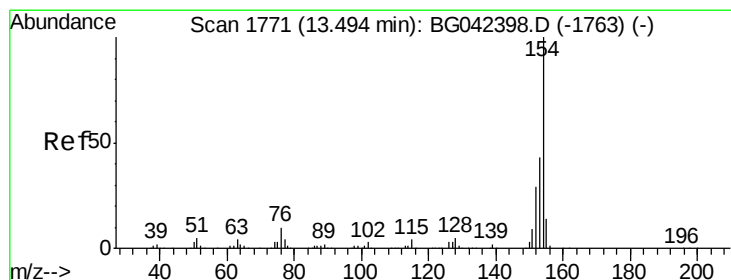
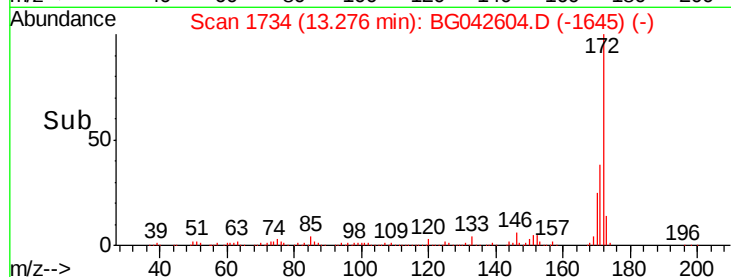
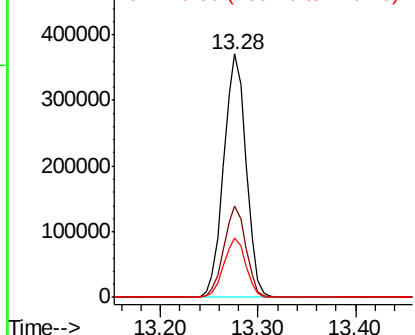


Abundance

Ion 172.00 (171.70 to 172.70): E

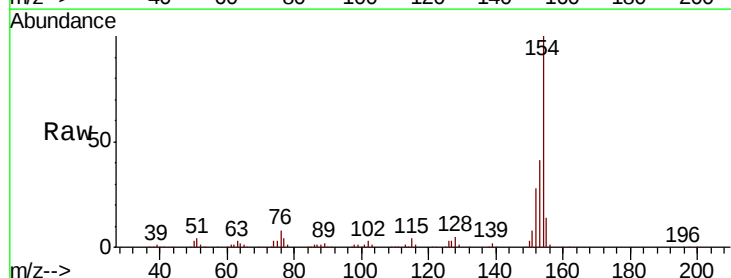
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
 1,1'-Biphenyl
 Concen: 40.789 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG042604.D
 Acq: 30 Aug 2019 17:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	23.0	63.0
76	8.0	0.0	29.6

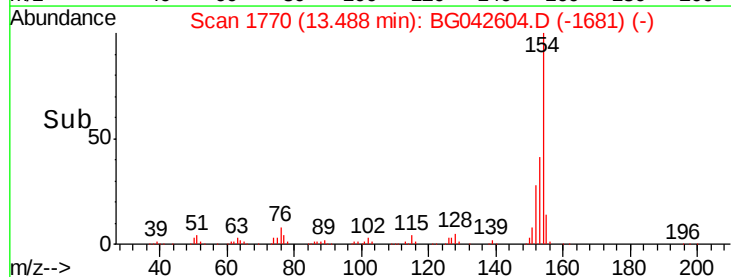
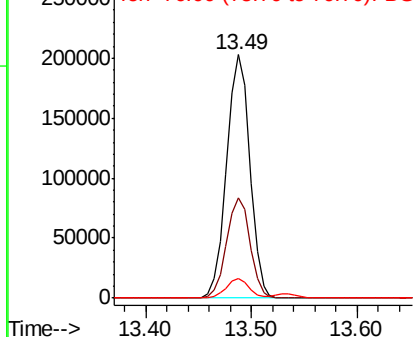


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

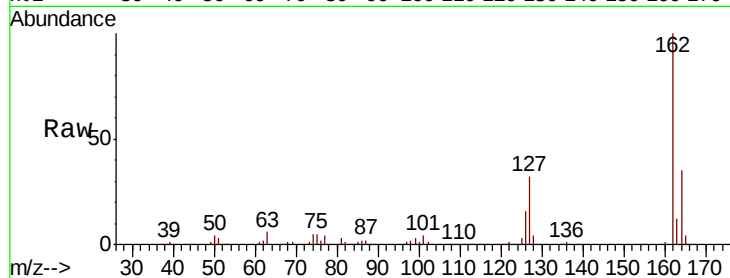




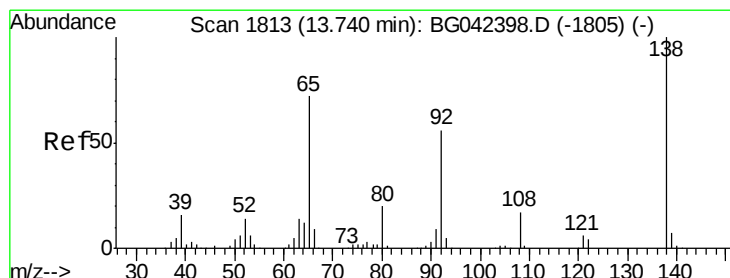
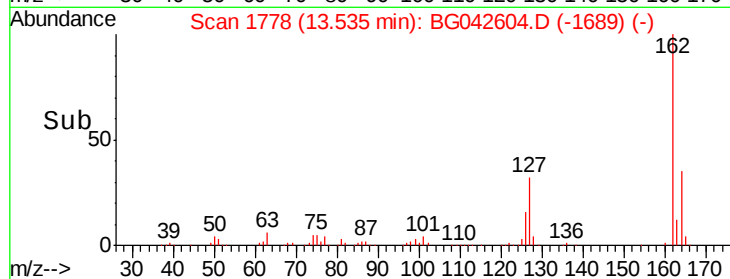
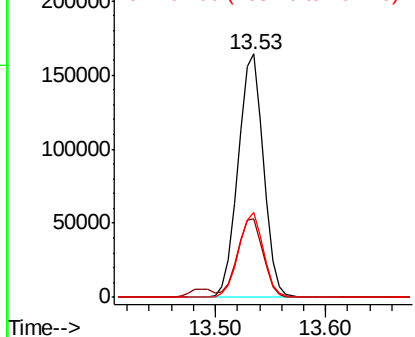
#47
2-Chloronaphthalene
Concen: 40.847 ng
RT: 13.53 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BG042604.D
Acq: 30 Aug 2019 17:22

Instrument :
BNA_G
ClientSampled :

Tot Ion:162 Resp: 265725
Ion Ratio Lower Upper
162 100
127 32.3 26.0 39.0
164 34.9 27.4 41.0

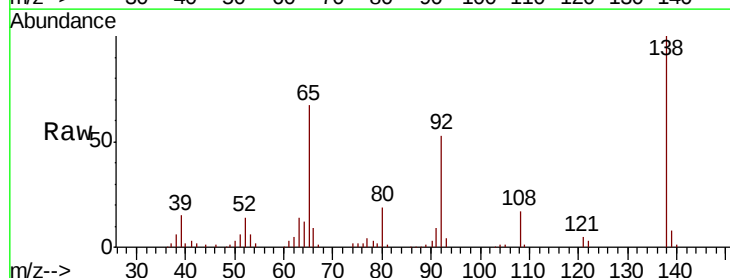


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

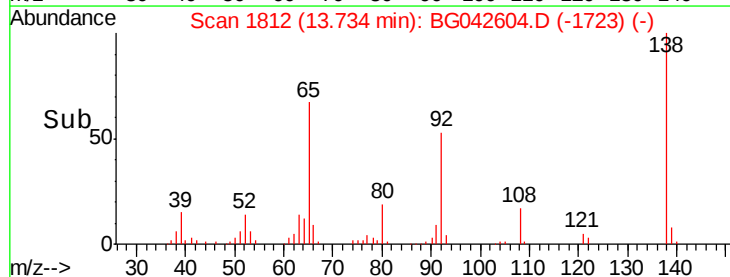
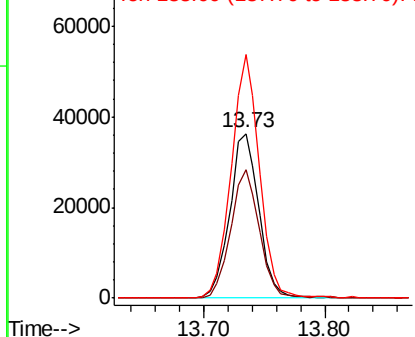


#48
2-Nitroaniline
Concen: 38.809 ng
RT: 13.73 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BG042604.D
Acq: 30 Aug 2019 17:22

Tgt Ion: 65 Resp: 60881
Ion Ratio Lower Upper
65 100
92 78.2 61.8 92.6
138 148.2 111.0 166.6



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: 40.665 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042604.D

Acq: 30 Aug 2019 17:22

Instrument :

BNA_G

ClientSampleId :

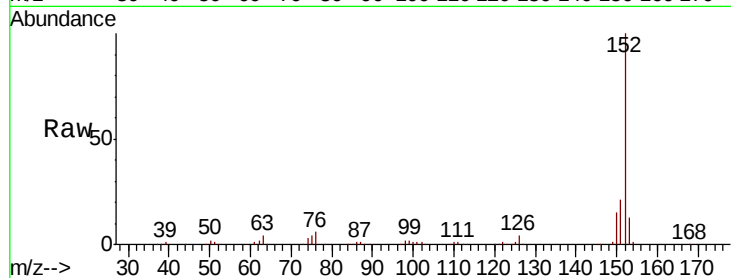
Tot Ion:152 Resp: 397998

Ion Ratio Lower Upper

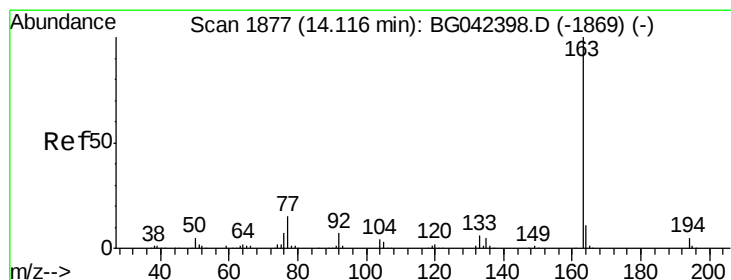
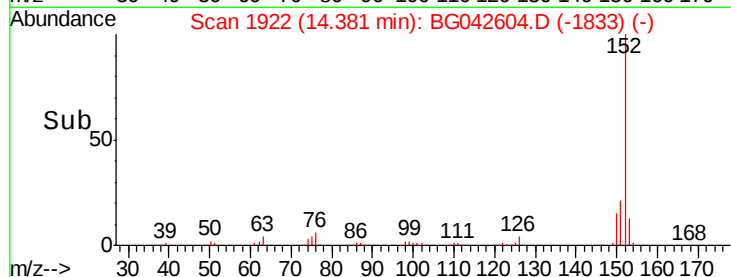
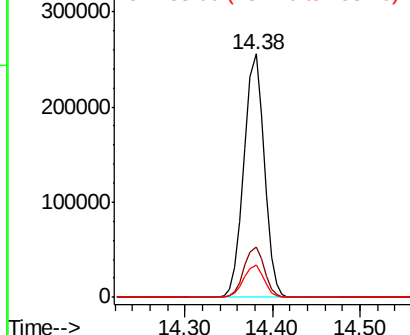
152 100

151 20.9 17.0 25.4

153 13.4 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: 40.968 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042604.D

Acq: 30 Aug 2019 17:22

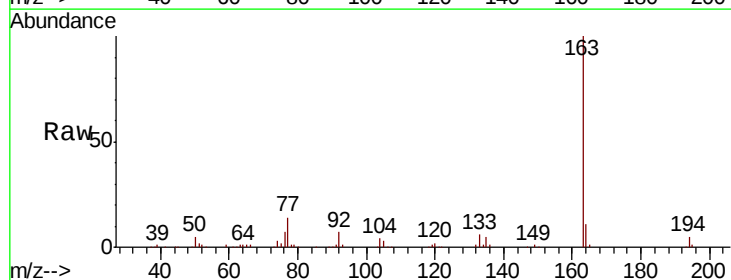
Tgt Ion:163 Resp: 345008

Ion Ratio Lower Upper

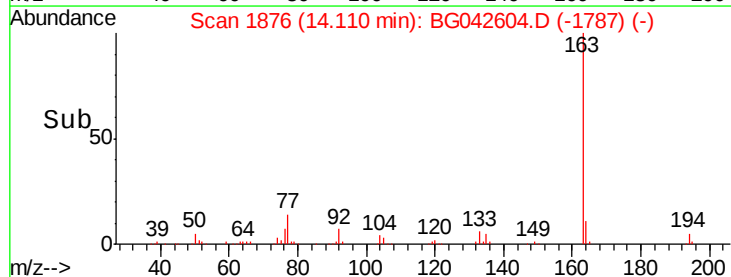
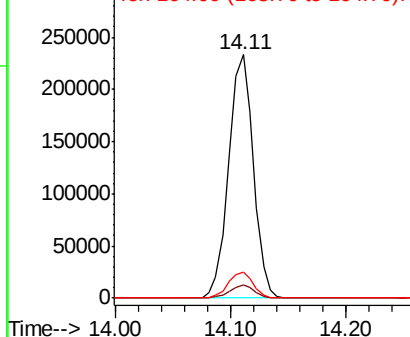
163 100

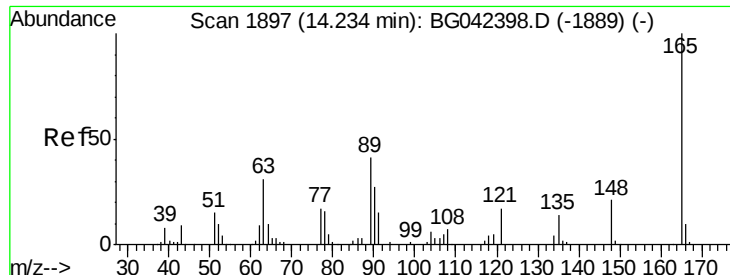
194 5.2 4.2 6.2

164 10.8 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

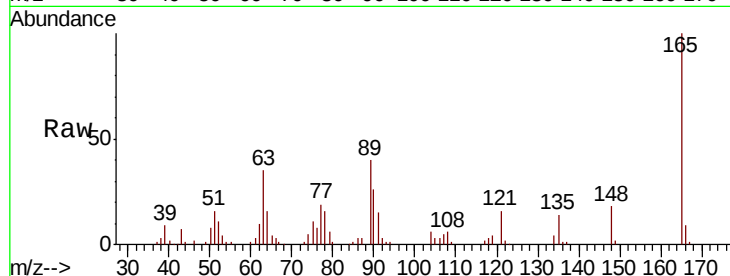




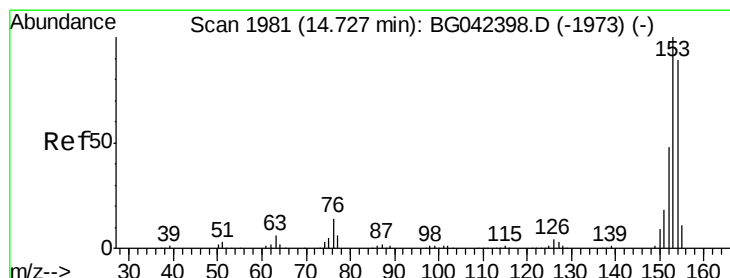
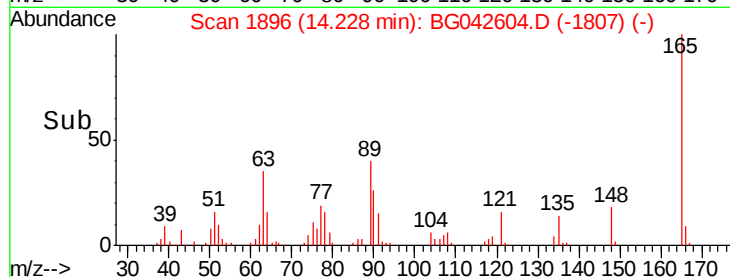
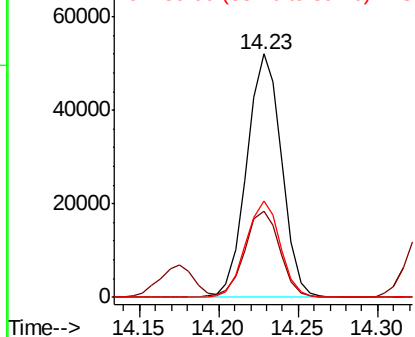
#51
 2,6-Dinitrotoluene
 Concen: 40.606 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BG042604.D
 Acq: 30 Aug 2019 17:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	35.4	30.6	45.8
89	39.6	32.6	49.0

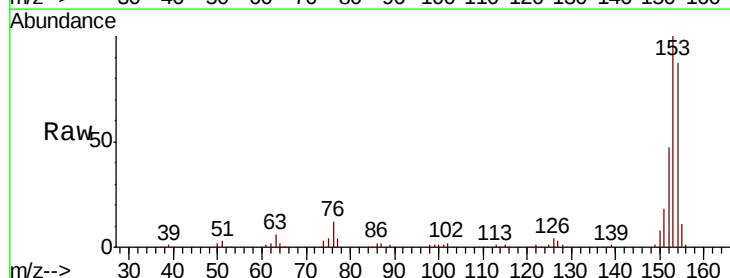


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

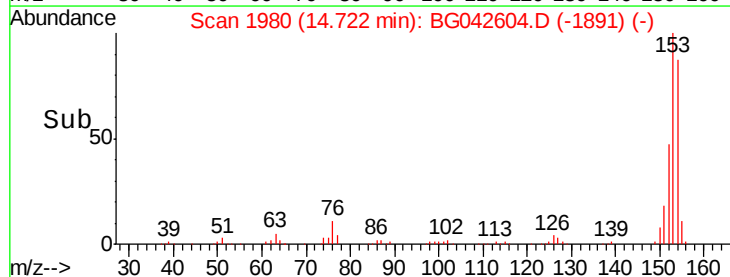
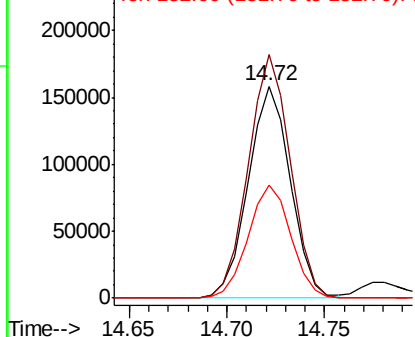


#52
 Acenaphthene
 Concen: 39.909 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BG042604.D
 Acq: 30 Aug 2019 17:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.0	90.2	135.4
152	53.6	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

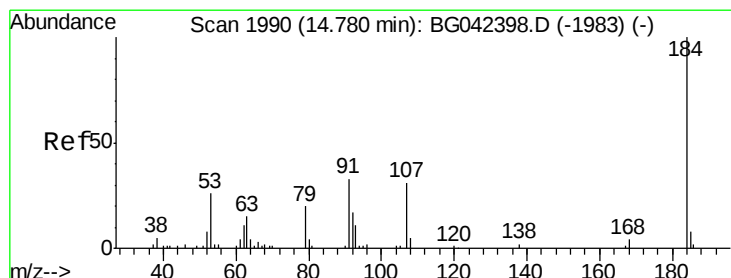
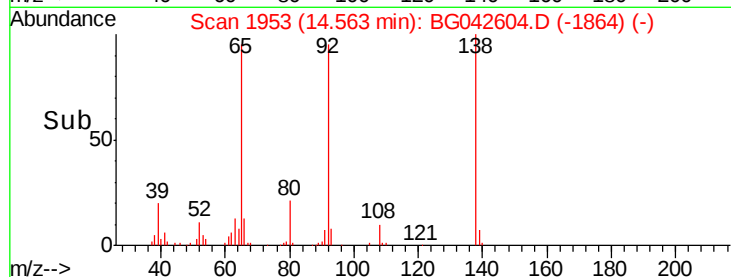
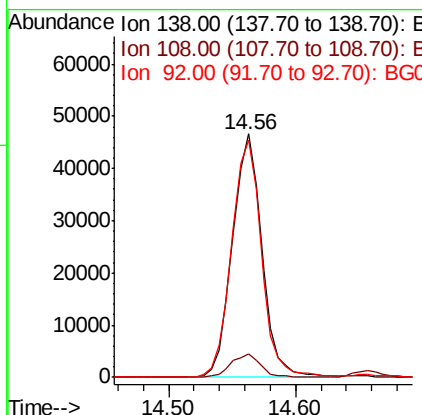
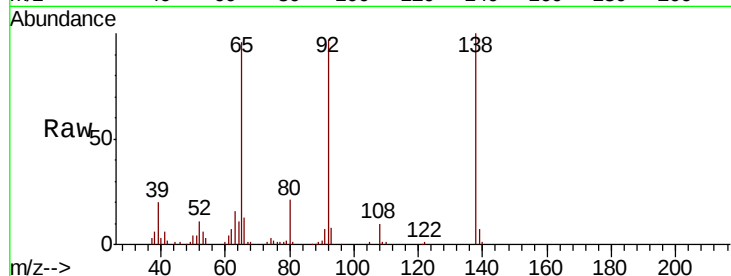




#53
3-Nitroaniline
Concen: 38.398 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG042604.D
Acq: 30 Aug 2019 17:22

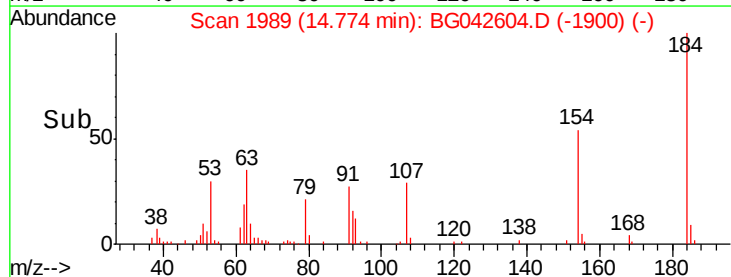
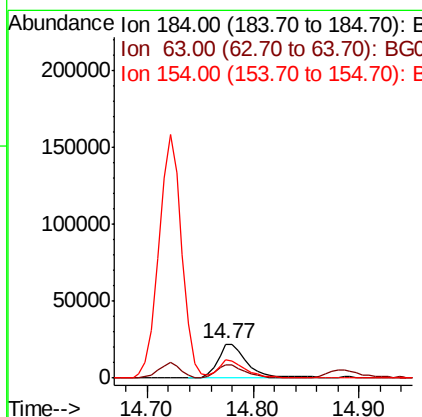
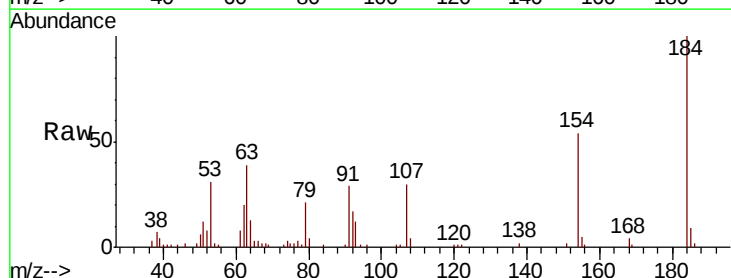
Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 74962
Ion Ratio Lower Upper
138 100
108 9.9 8.3 12.5
92 97.5 78.2 117.4



#54
2,4-Dinitrophenol
Concen: 36.936 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BG042604.D
Acq: 30 Aug 2019 17:22

Tgt Ion:184 Resp: 43791
Ion Ratio Lower Upper
184 100
63 39.2 31.7 47.5
154 54.5 42.0 63.0





#55

Dibenzofuran

Concen: 41.100 ng

RT: 15.06 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BG042604.D

Acq: 30 Aug 2019 17:22

Instrument :

BNA_G

ClientSampleId :

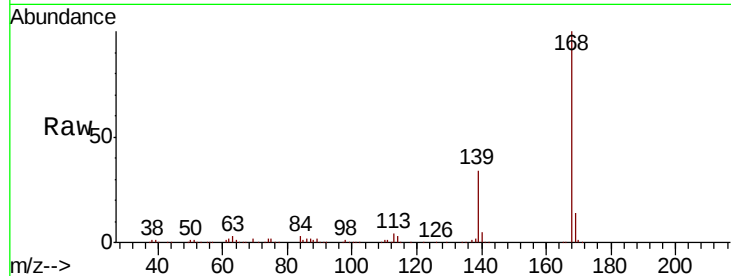
Tot Ion:168 Resp: 404311

Ion Ratio Lower Upper

168 100

139 34.1 27.2 40.8

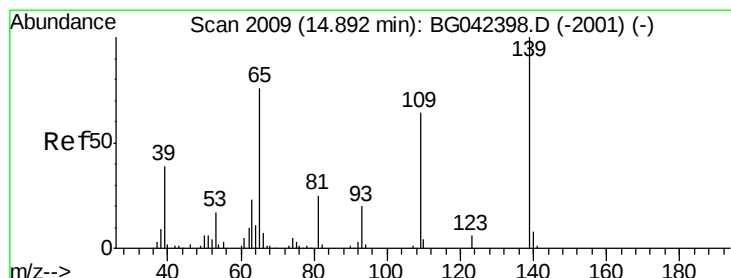
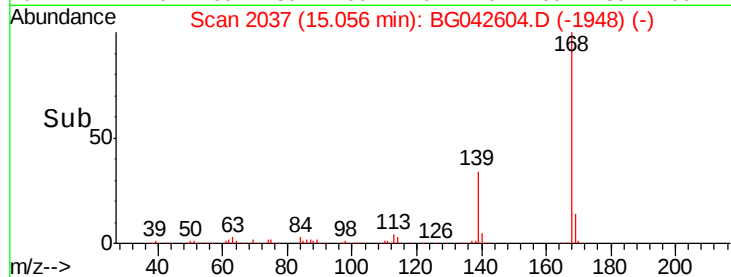
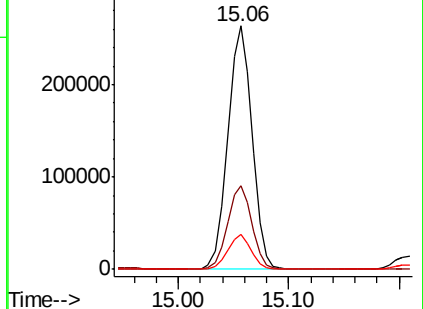
169 14.3 11.5 17.3



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: 38.178 ng

RT: 14.89 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BG042604.D

Acq: 30 Aug 2019 17:22

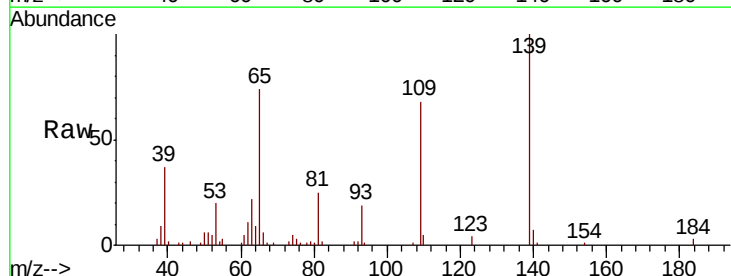
Tgt Ion:139 Resp: 52960

Ion Ratio Lower Upper

139 100

109 68.1 43.9 83.9

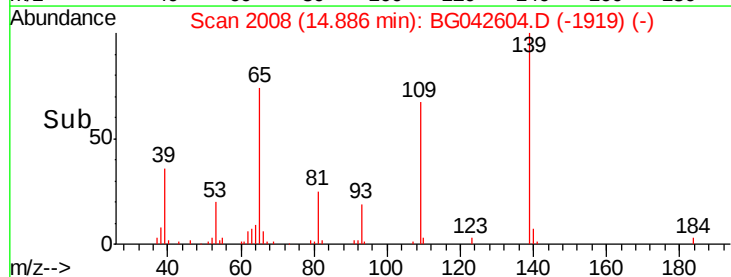
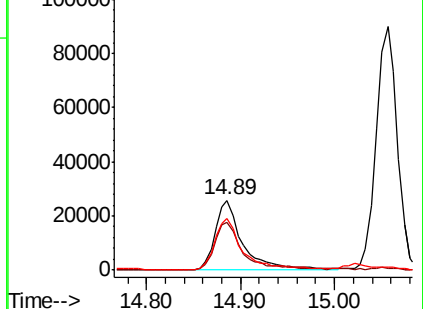
65 73.8 56.3 96.3

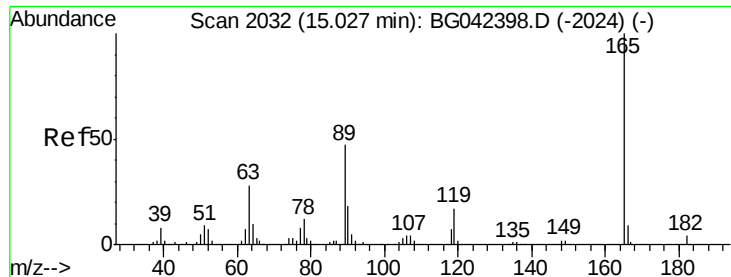


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

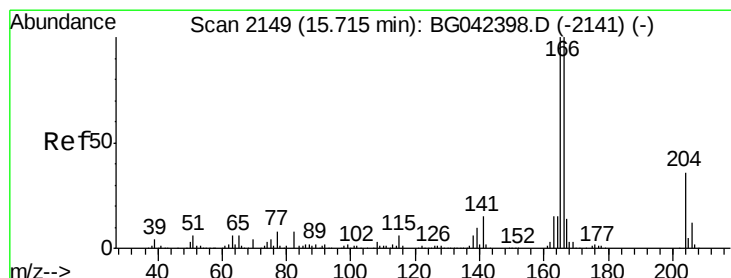
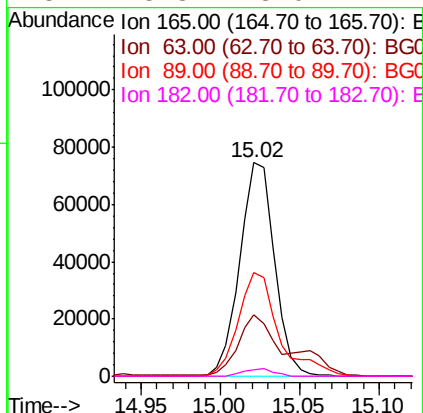
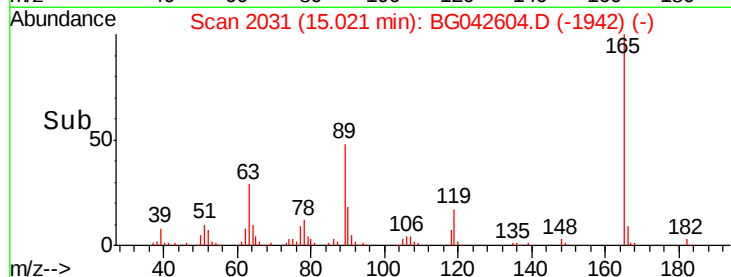
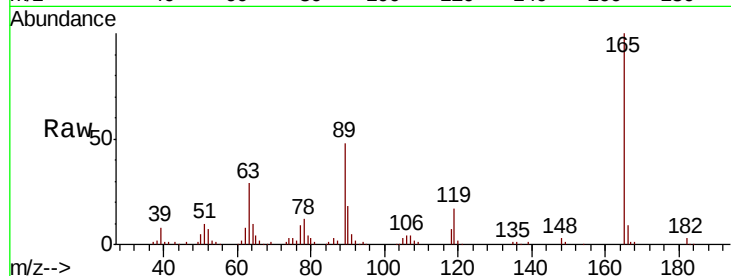




#57
 2,4-Dinitrotoluene
 Concen: 40.720 ng
 RT: 15.02 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BG042604.D
 Acq: 30 Aug 2019 17:22

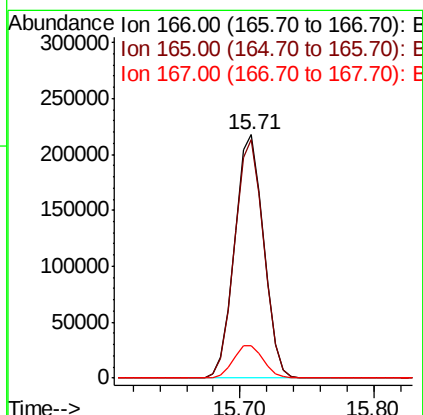
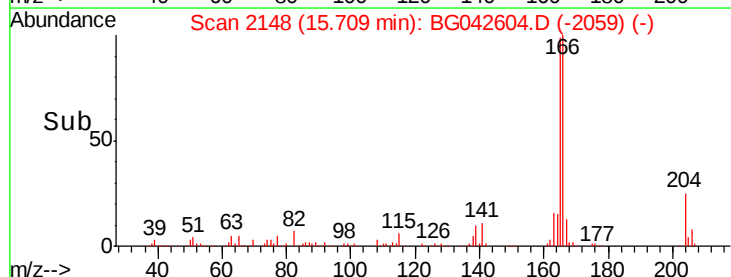
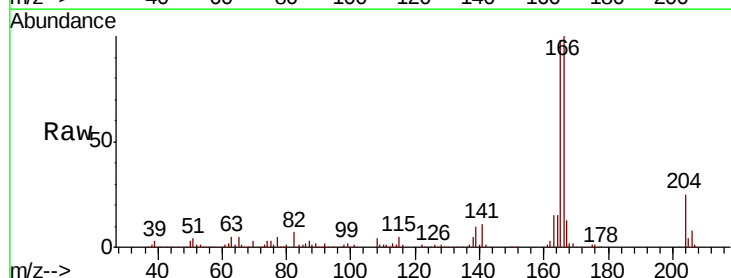
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	113822
Ion Ratio	Lower	Upper
165	100	
63	28.6	22.5 33.7
89	48.5	37.8 56.6
182	3.3	3.0 4.4



#58
 Fluorene
 Concen: 40.918 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG042604.D
 Acq: 30 Aug 2019 17:22

Tgt Ion:166	Resp:	329039
Ion Ratio	Lower	Upper
166	100	
165	98.1	79.7 119.5
167	13.2	10.9 16.3

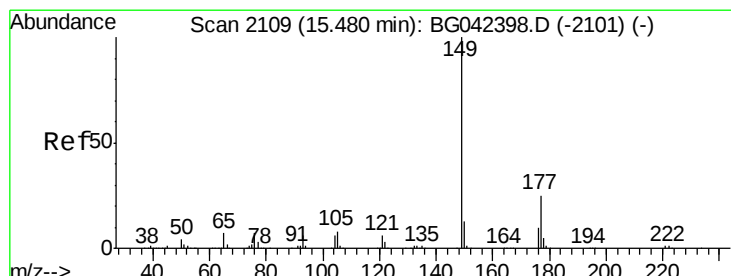
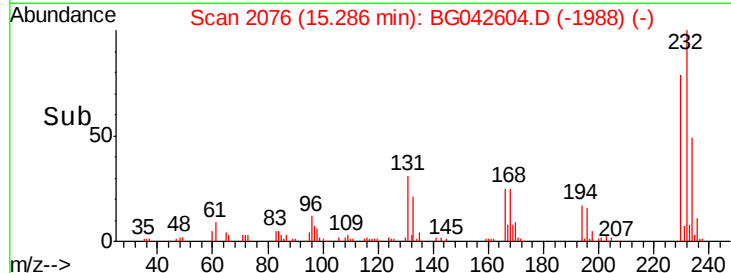
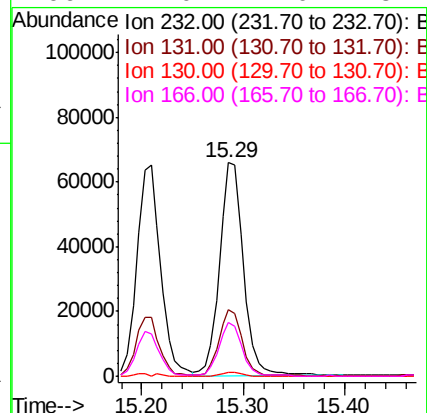
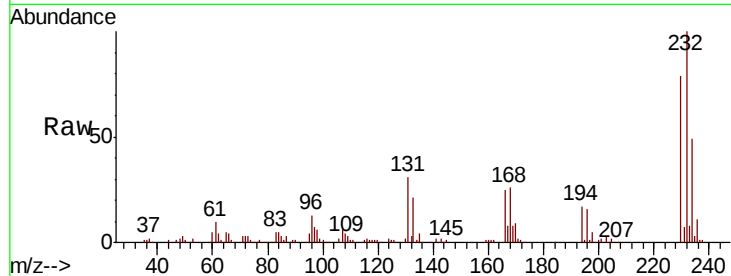




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.514 ng
 RT: 15.29 min Scan# 2076
 Delta R.T. -0.01 min
 Lab File: BG042604.D
 Acq: 30 Aug 2019 17:22

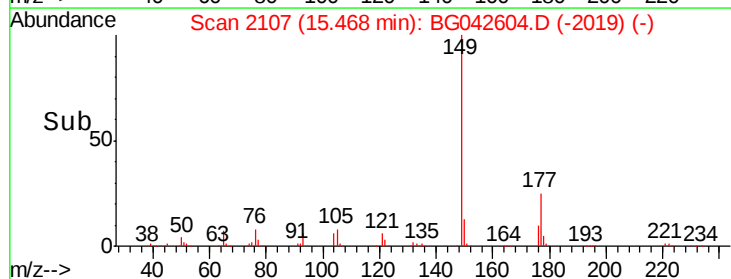
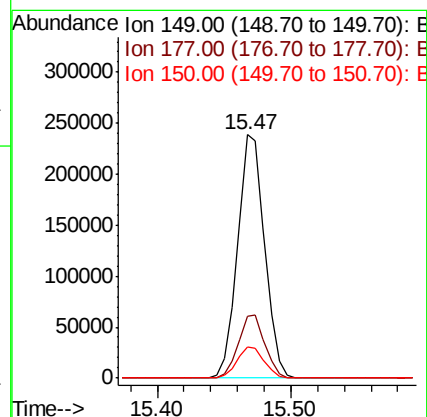
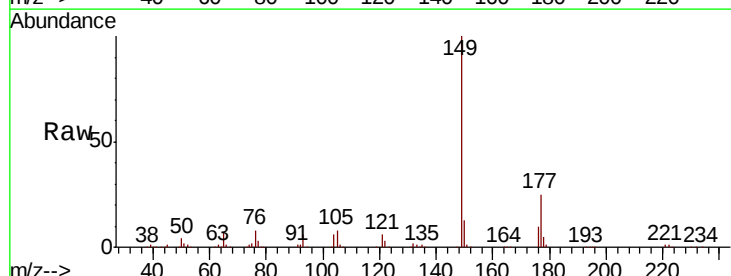
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:232	Resp:	107785
Ion Ratio	Lower	Upper
232	100	
131	31.1	22.9 34.3
130	1.7	1.4 2.0
166	24.0	17.0 25.4



#60
 Diethylphthalate
 Concen: 40.768 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BG042604.D
 Acq: 30 Aug 2019 17:22

Tgt Ion:149	Resp:	335615
Ion Ratio	Lower	Upper
149	100	
177	25.3	20.4 30.6
150	13.1	10.3 15.5

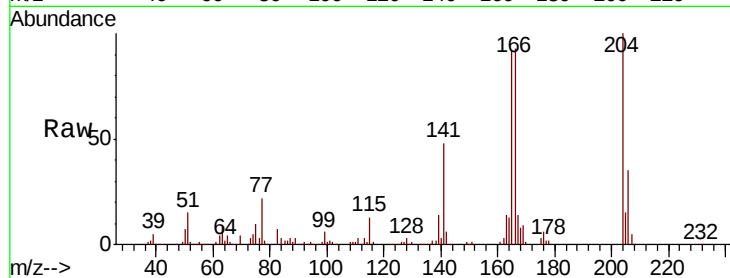




#61
 4-Chlorophenyl-phenylether
 Concen: 41.530 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BG042604.D
 Acq: 30 Aug 2019 17:22

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.5	27.2	40.8
141	47.8	38.7	58.1

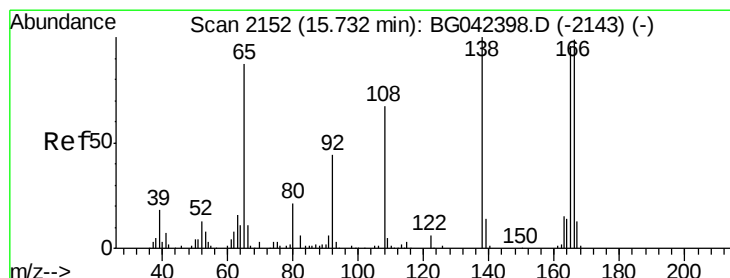
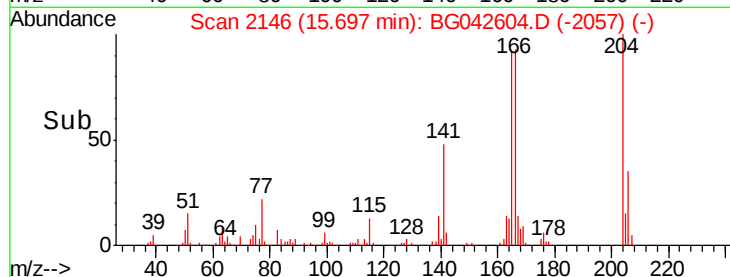
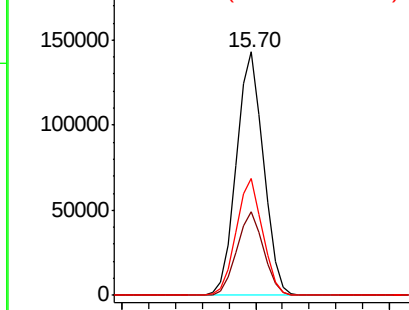


Abundance

Ion 204.00 (203.70 to 204.70): E

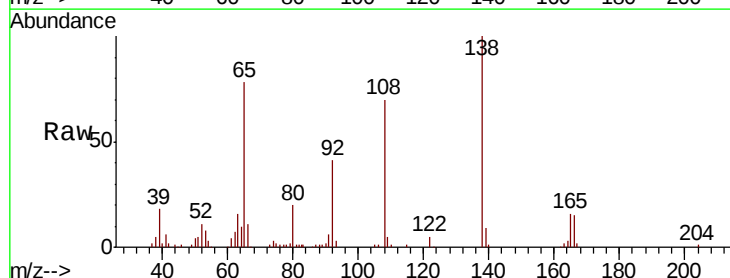
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 40.020 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG042604.D
 Acq: 30 Aug 2019 17:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	41.0	24.2	64.2
108	69.9	46.8	86.8

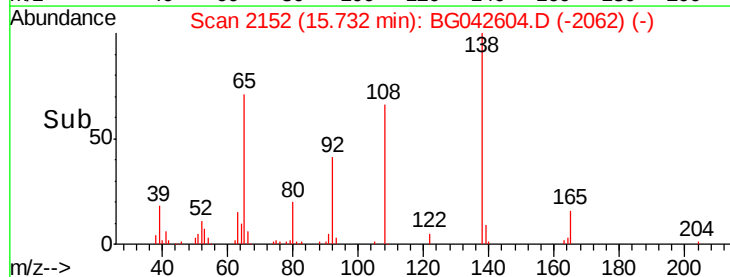
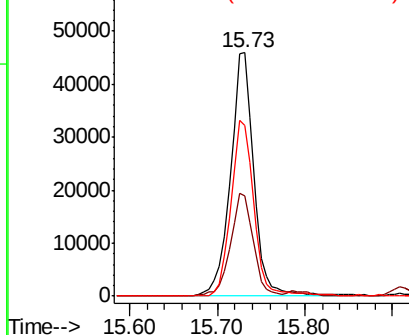


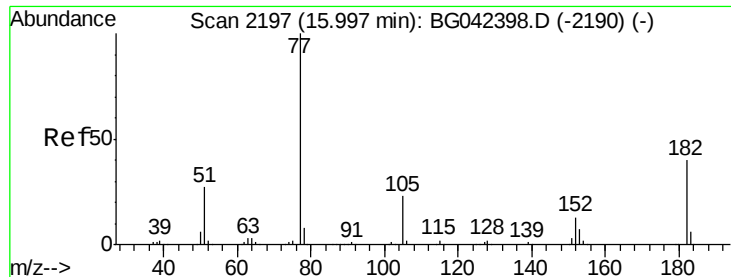
Abundance

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: 38.232 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG042604.D

Acq: 30 Aug 2019 17:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 215670

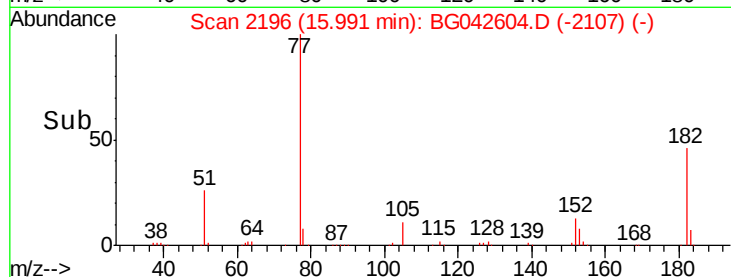
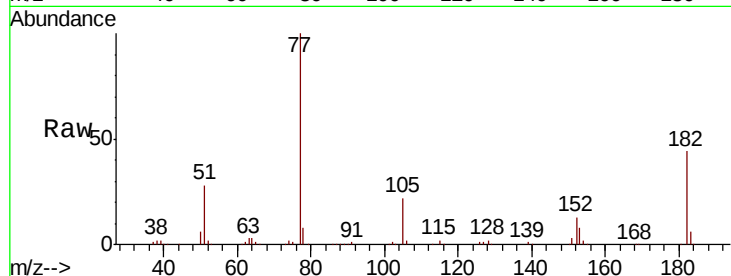
Ion Ratio Lower Upper

77 100

182 43.6 19.9 59.9

105 22.4 2.9 42.9

51 27.6 7.6 47.6

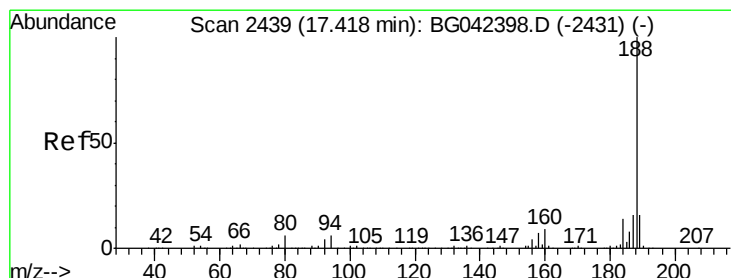
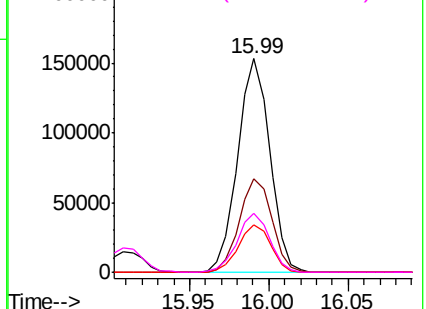


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2437

Delta R.T. -0.01 min

Lab File: BG042604.D

Acq: 30 Aug 2019 17:22

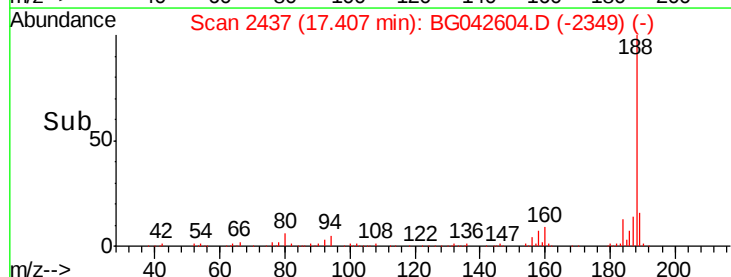
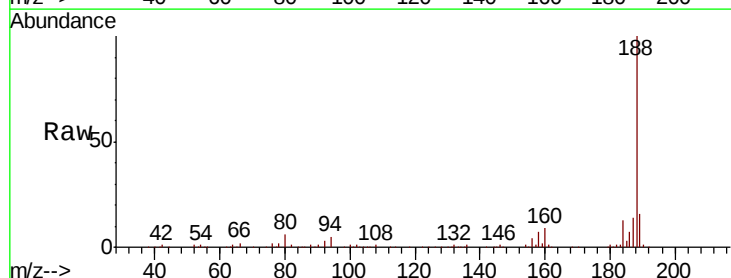
Tgt Ion: 188 Resp: 270333

Ion Ratio Lower Upper

188 100

94 5.1 4.5 6.7

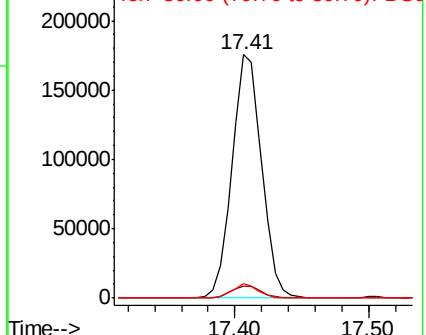
80 6.0 4.9 7.3

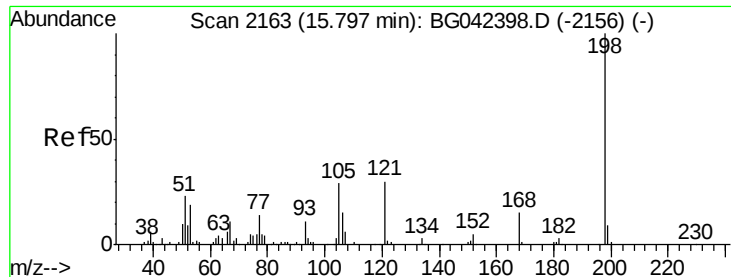


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

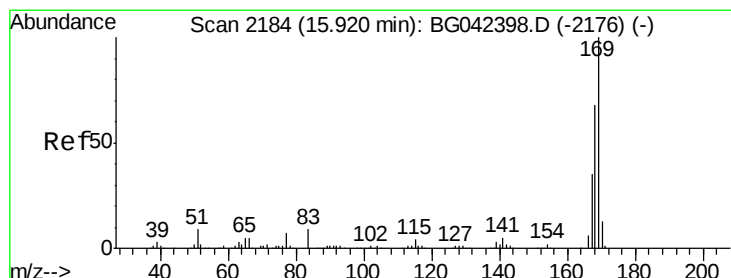
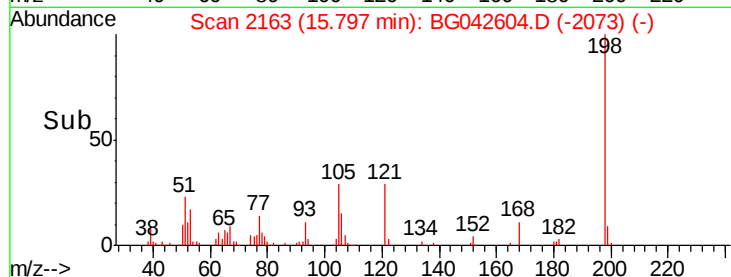
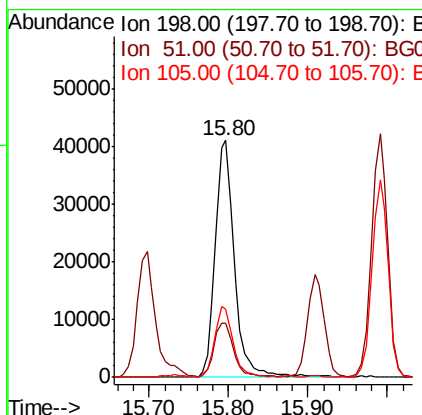
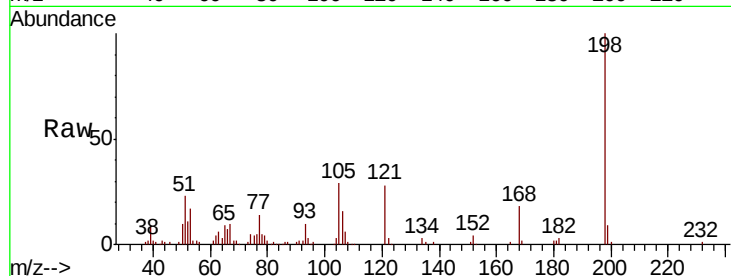




#65
4,6-Dinitro-2-methylphenol
Concen: 40.874 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BG042604.D
Acq: 30 Aug 2019 17:22

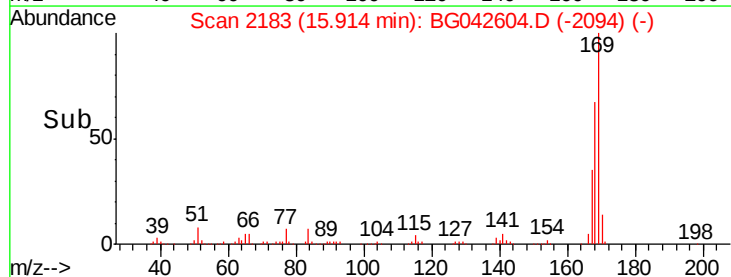
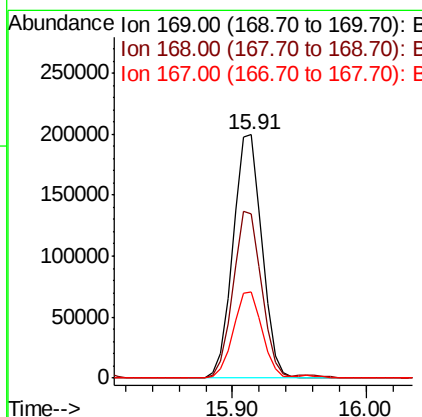
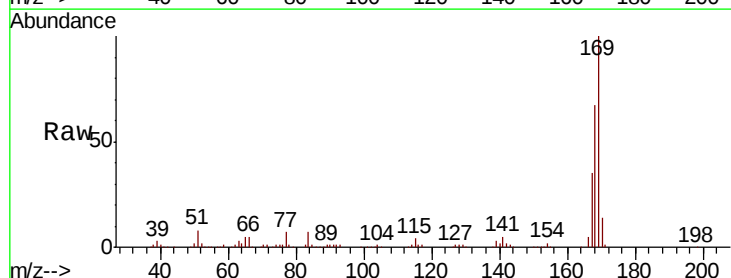
Instrument :
BNA_G
ClientSampled :

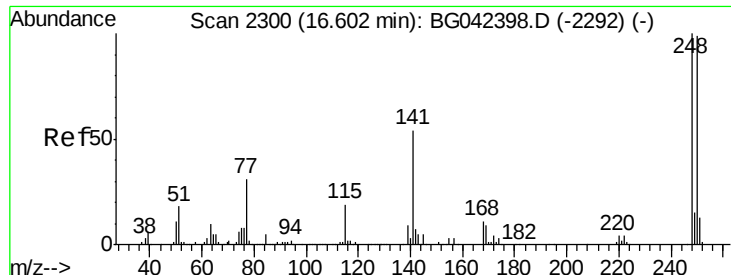
Tot Ion:198 Resp: 69277
Ion Ratio Lower Upper
198 100
51 22.8 4.2 44.2
105 28.7 8.8 48.8



#66
n-Nitrosodiphenylamine
Concen: 40.496 ng
RT: 15.91 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BG042604.D
Acq: 30 Aug 2019 17:22

Tgt Ion:169 Resp: 301063
Ion Ratio Lower Upper
169 100
168 67.2 54.3 81.5
167 35.4 28.2 42.2





#67

4-Bromophenyl-phenylether

Concen: 41.202 ng

RT: 16.59 min Scan# 2298

Delta R.T. -0.01 min

Lab File: BG042604.D

Acq: 30 Aug 2019 17:22

Instrument :

BNA_G

ClientSampleId :

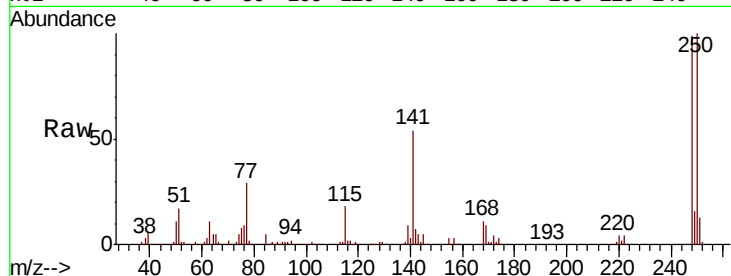
Tot Ion:248 Resp: 141281

Ion Ratio Lower Upper

248 100

250 100.5 78.9 118.3

141 54.2 43.3 64.9

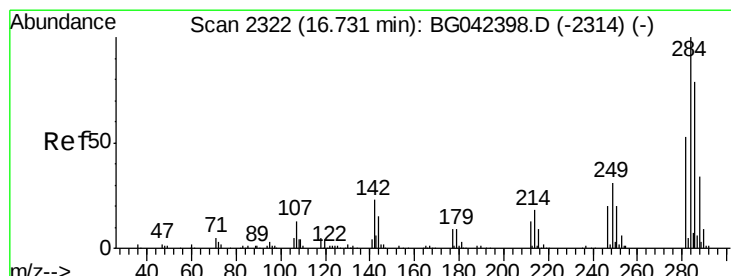
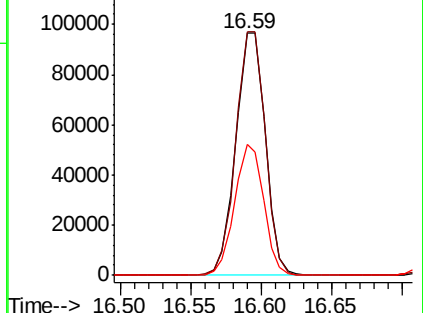
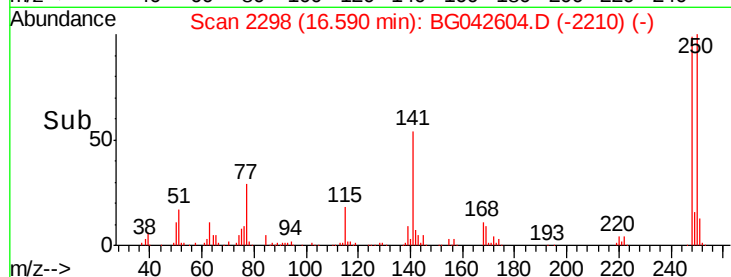


Abundance

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: 41.715 ng

RT: 16.72 min Scan# 2320

Delta R.T. -0.01 min

Lab File: BG042604.D

Acq: 30 Aug 2019 17:22

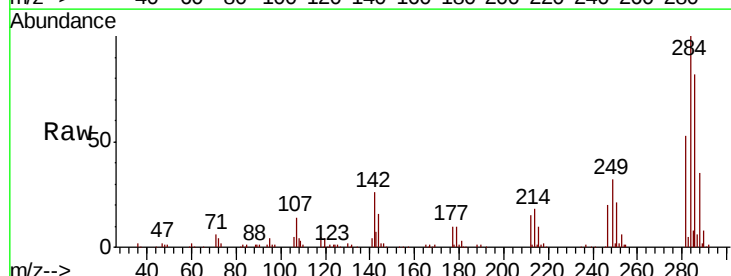
Tgt Ion:284 Resp: 155497

Ion Ratio Lower Upper

284 100

142 25.7 18.2 27.4

249 32.3 25.0 37.4

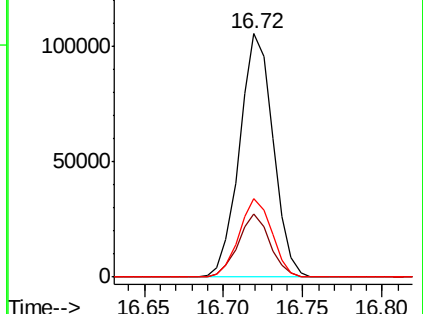
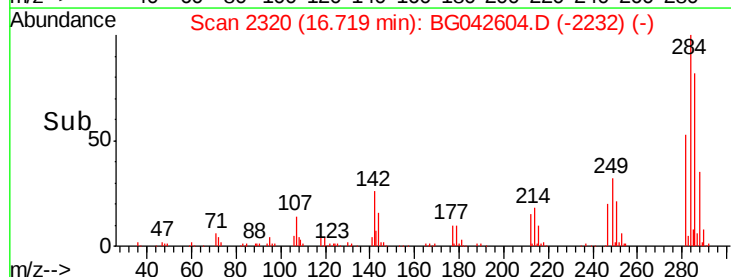


Abundance

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: 35.066 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BG042604.D

Acq: 30 Aug 2019 17:22

Instrument :

BNA_G

ClientSampleId :

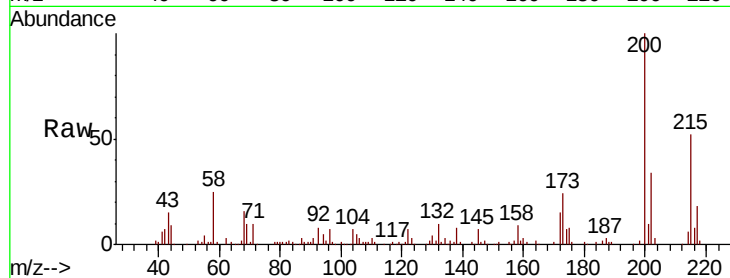
Tot Ion:200 Resp: 92190

Ion Ratio Lower Upper

200 100

173 24.5 4.9 44.9

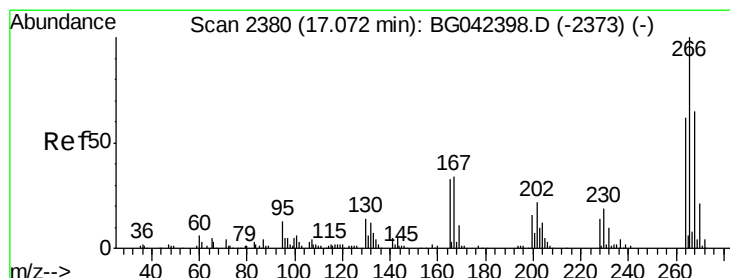
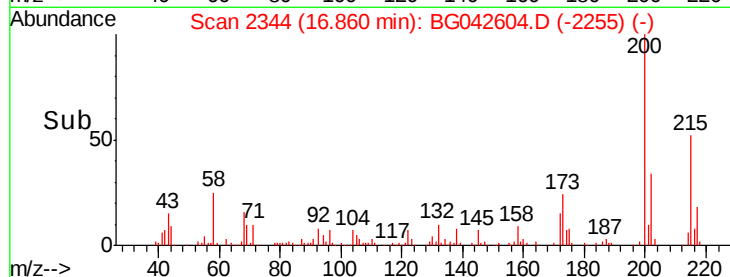
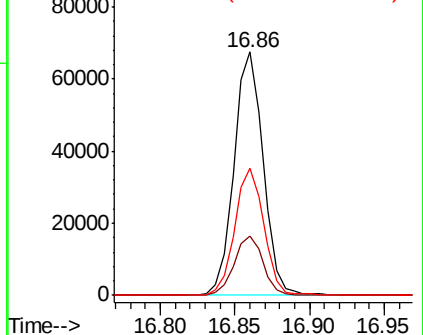
215 52.5 30.7 70.7



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: 39.683 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BG042604.D

Acq: 30 Aug 2019 17:22

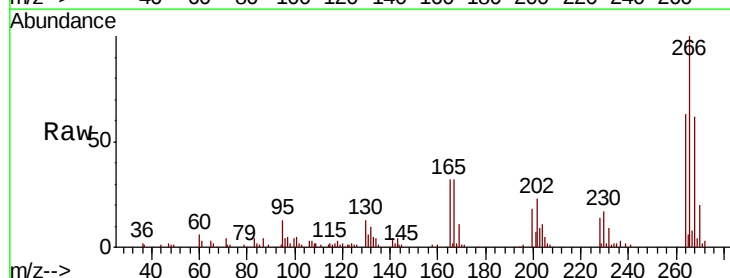
Tgt Ion:266 Resp: 76857

Ion Ratio Lower Upper

266 100

268 62.3 52.1 78.1

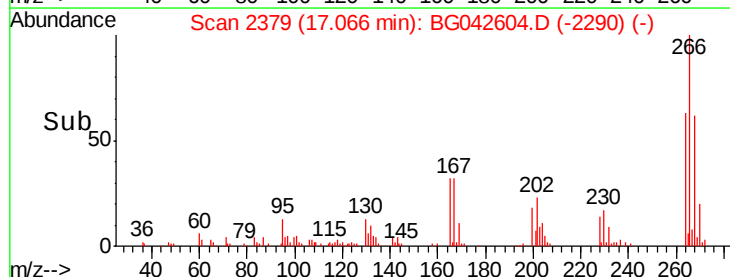
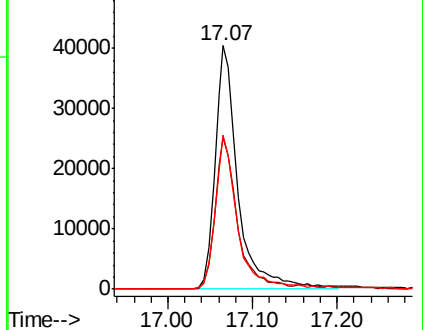
264 63.2 49.4 74.2



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

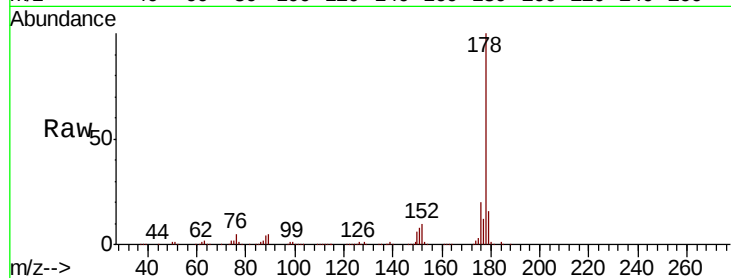




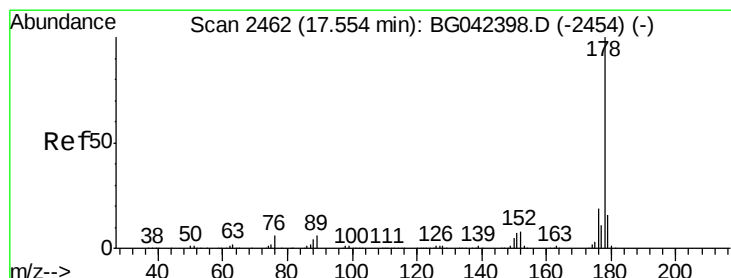
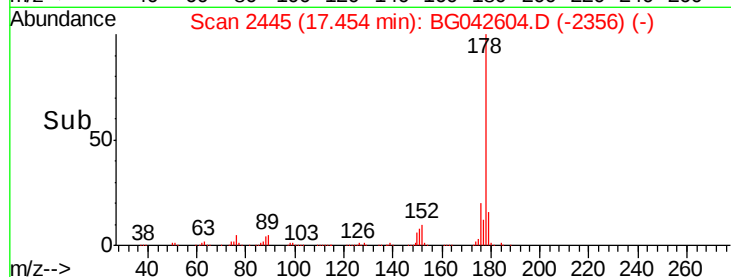
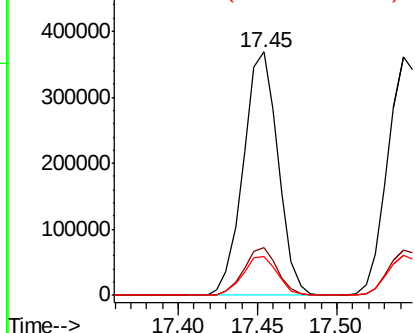
#71
Phenanthrene
Concen: 41.721 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042604.D
Acq: 30 Aug 2019 17:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 560223
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 16.0 12.7 19.1

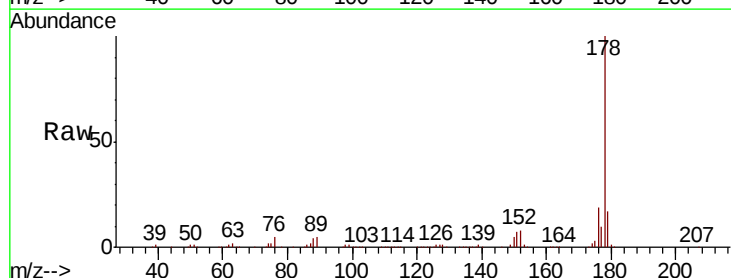


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

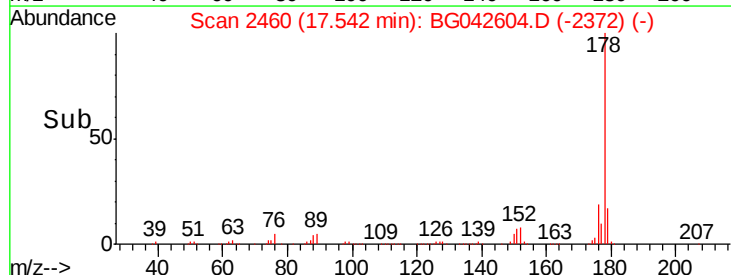
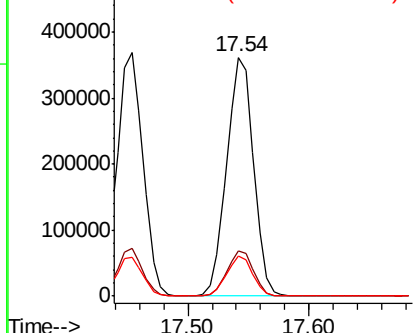


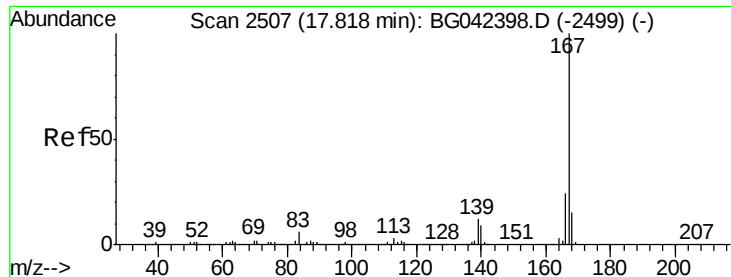
#72
Anthracene
Concen: 41.724 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG042604.D
Acq: 30 Aug 2019 17:22

Tgt Ion:178 Resp: 559312
Ion Ratio Lower Upper
178 100
176 18.8 15.5 23.3
179 16.6 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

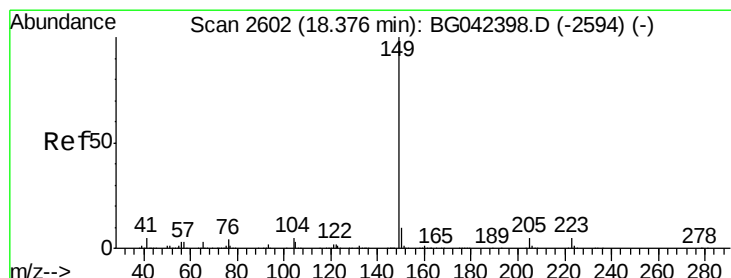
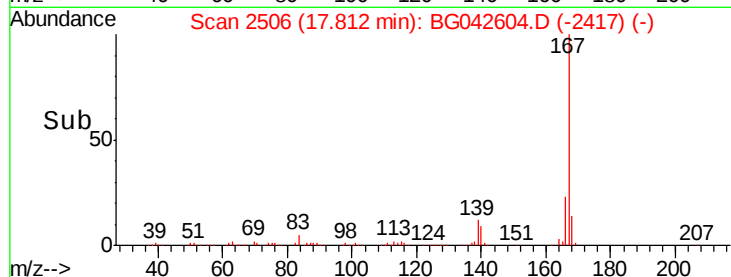
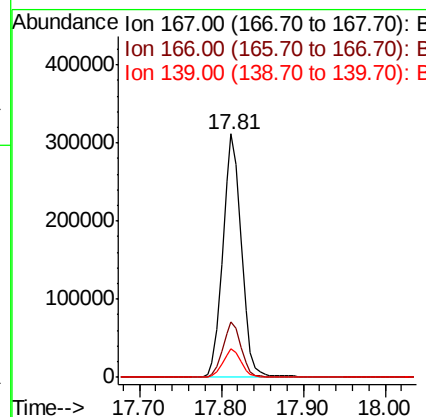
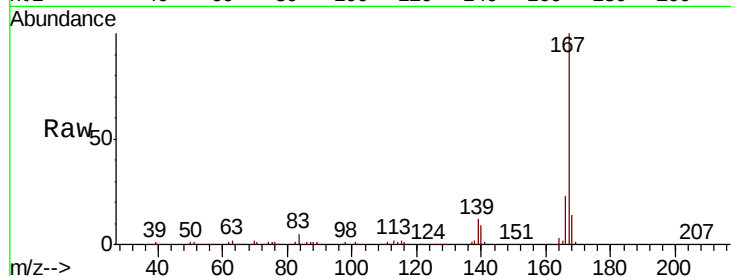




#73
 Carbazole
 Concen: 41.250 ng
 RT: 17.81 min Scan# 2506
 Delta R.T. -0.01 min
 Lab File: BG042604.D
 Acq: 30 Aug 2019 17:22

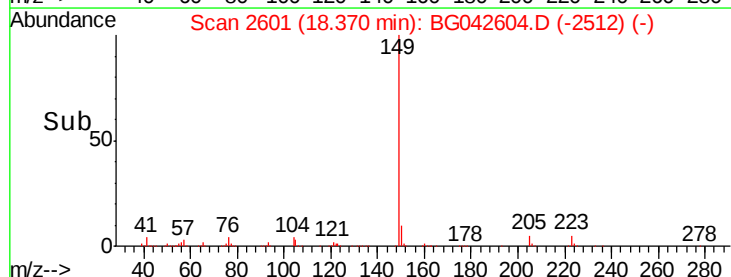
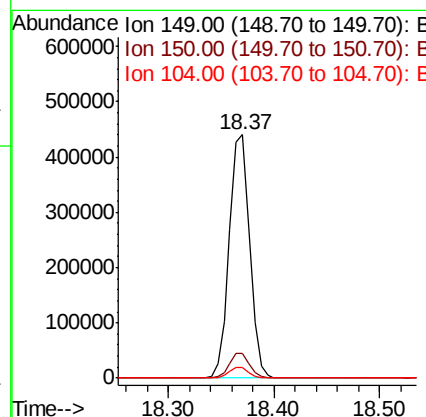
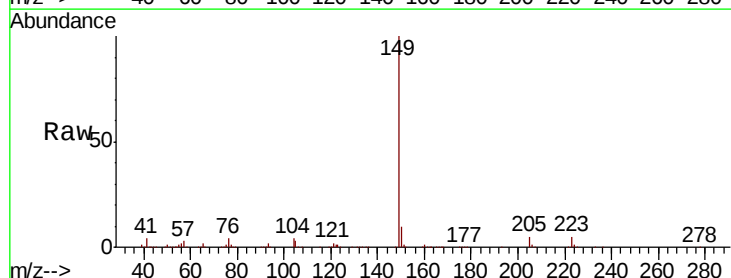
Instrument :
 BNA_G
 ClientSampleId :

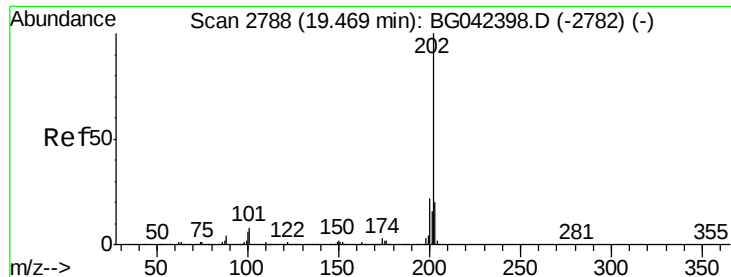
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.9	28.3
139	11.8	9.8	14.6



#74
 Di-n-butylphthalate
 Concen: 41.797 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG042604.D
 Acq: 30 Aug 2019 17:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.1	12.1
104	4.5	3.7	5.5





#75

Fluoranthene

Concen: 44.138 ng

RT: 19.46 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG042604.D

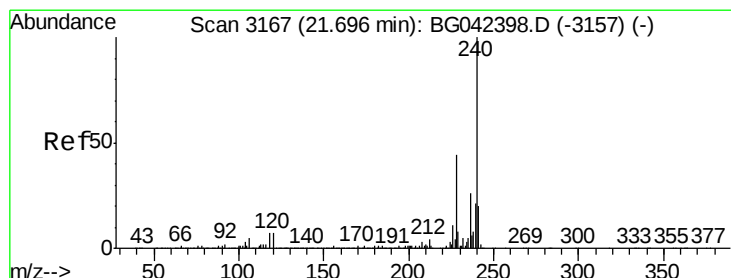
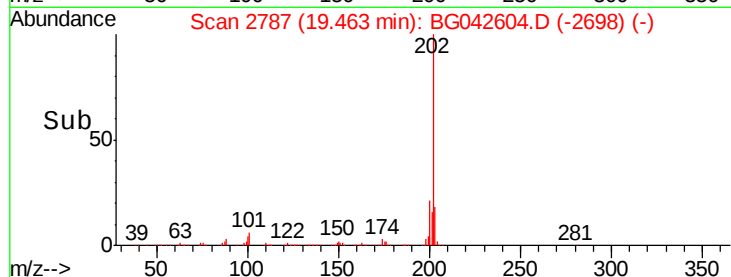
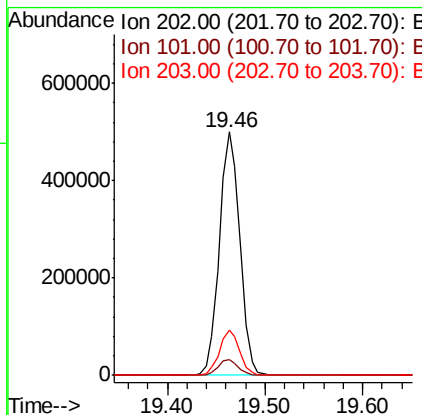
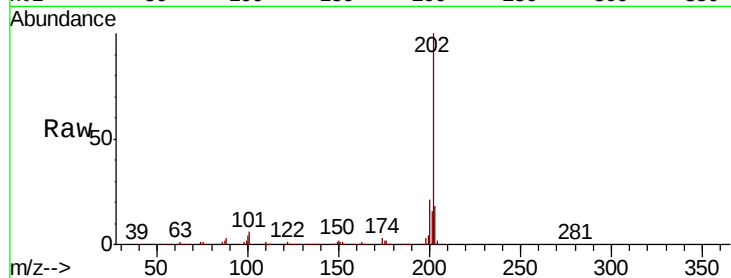
Acq: 30 Aug 2019 17:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	723324
Ion	Ratio	Lower	Upper
202	100		
101	6.3	0.0	28.3
203	18.4	0.0	39.6



#76

Chrysene-d12

Concen: 20.000 ng

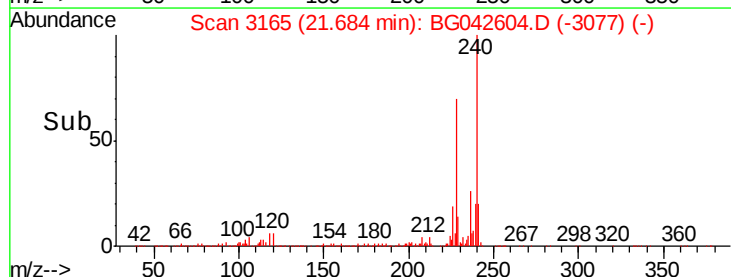
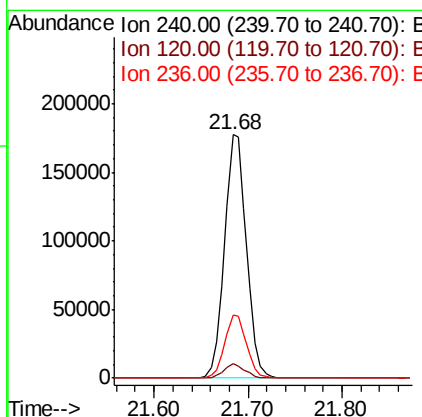
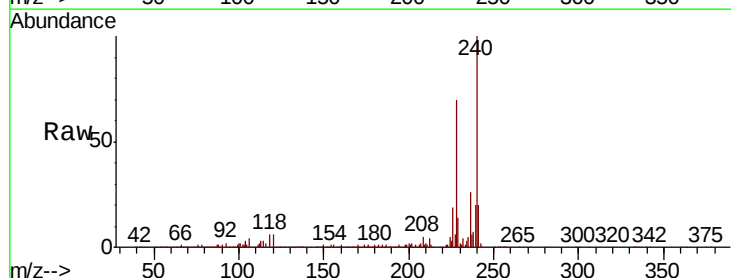
RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042604.D

Acq: 30 Aug 2019 17:22

Tgt Ion:	240	Resp:	286193
Ion	Ratio	Lower	Upper
240	100		
120	5.9	5.7	8.5
236	26.0	21.0	31.4





#77

Benzidine

Concen: 37.099 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG042604.D

Acq: 30 Aug 2019 17:22

Instrument :

BNA_G

ClientSampleId :

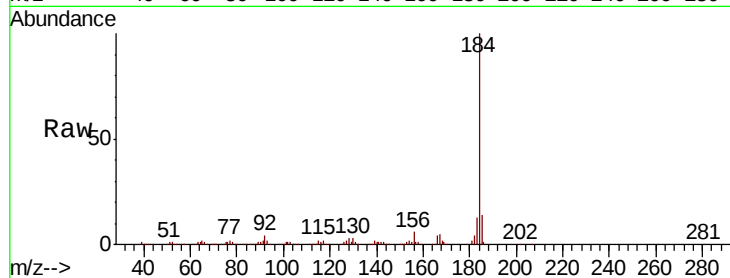
Tot Ion:184 Resp: 304407

Ion Ratio Lower Upper

184 100

185 14.4 12.2 18.4

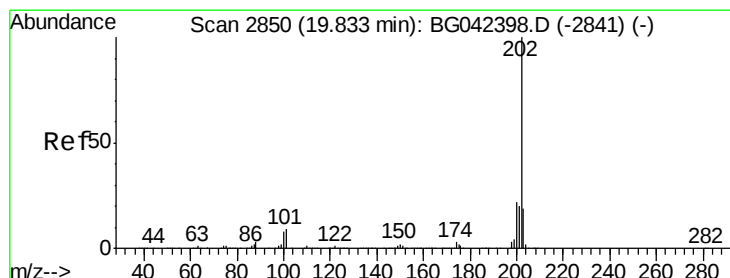
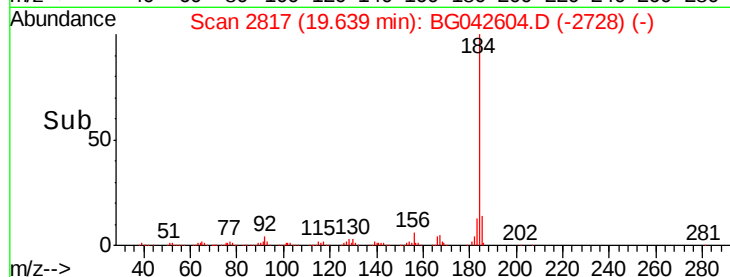
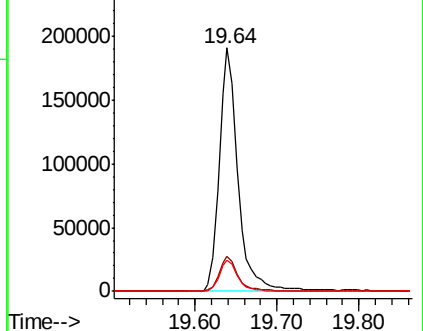
183 12.7 10.8 16.2



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: 41.338 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG042604.D

Acq: 30 Aug 2019 17:22

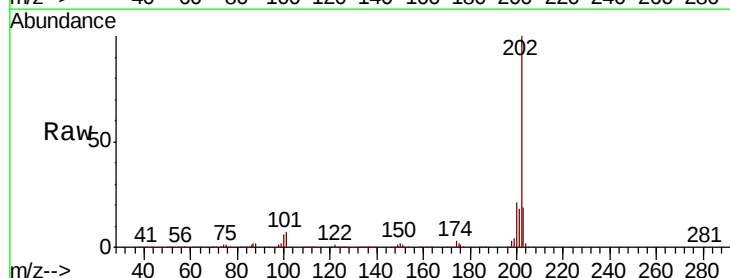
Tgt Ion:202 Resp: 725329

Ion Ratio Lower Upper

202 100

200 21.4 17.8 26.6

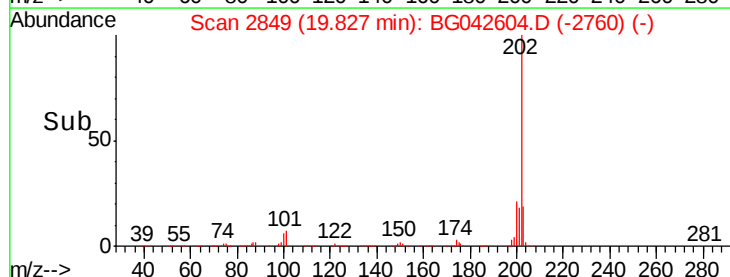
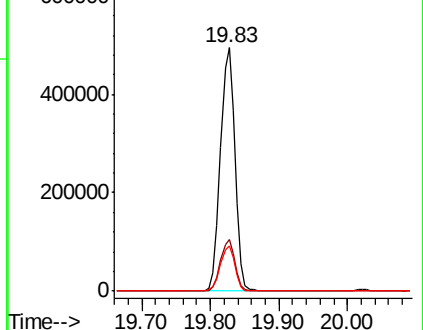
203 18.7 15.5 23.3

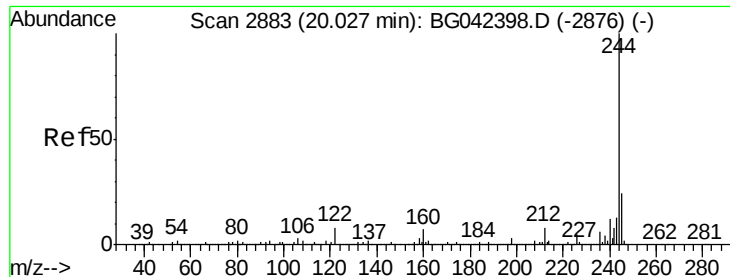


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.598 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042604.D

Acq: 30 Aug 2019 17:22

Instrument :

BNA_G

ClientSampled :

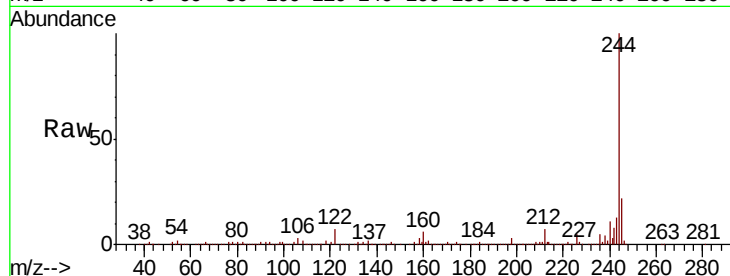
Tot Ion:244 Resp: 1093429

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

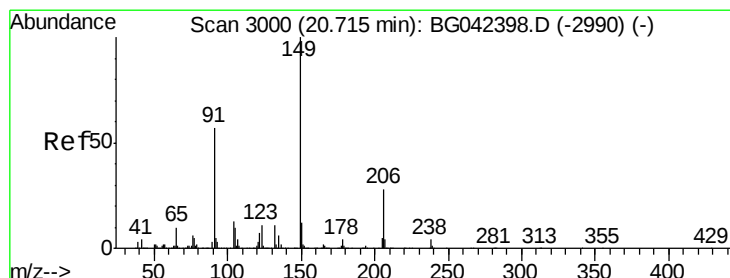
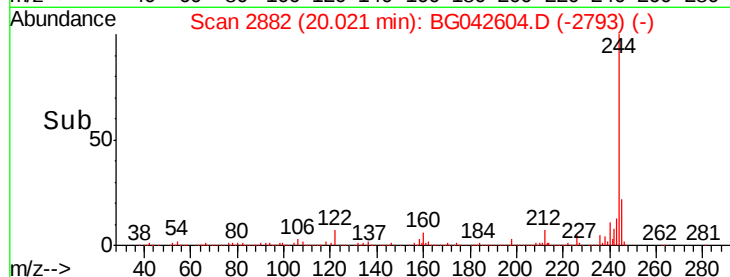
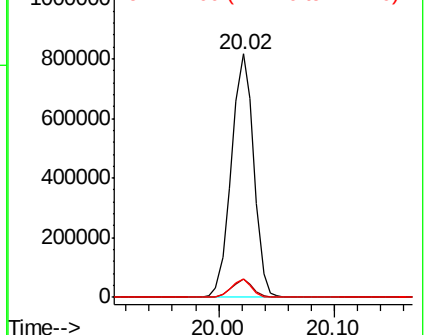
122 7.3 6.7 10.1



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: 39.162 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.01 min

Lab File: BG042604.D

Acq: 30 Aug 2019 17:22

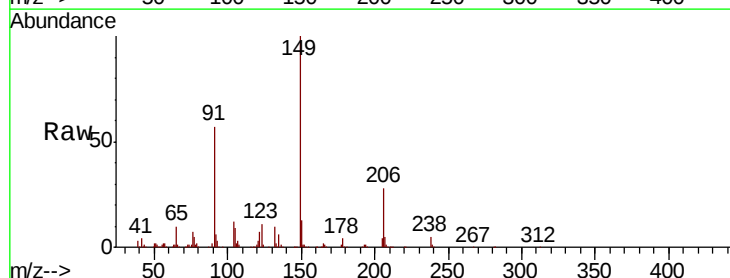
Tgt Ion:149 Resp: 270273

Ion Ratio Lower Upper

149 100

91 57.1 45.9 68.9

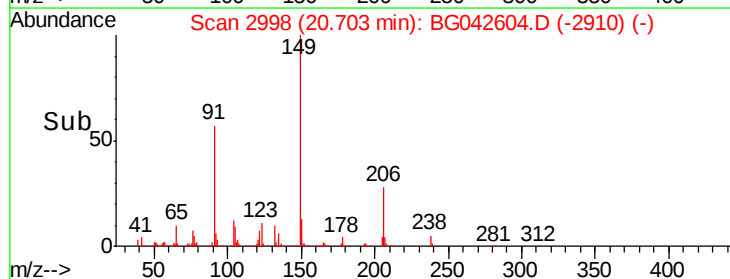
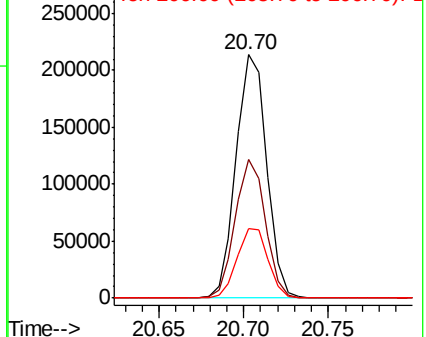
206 28.4 22.5 33.7

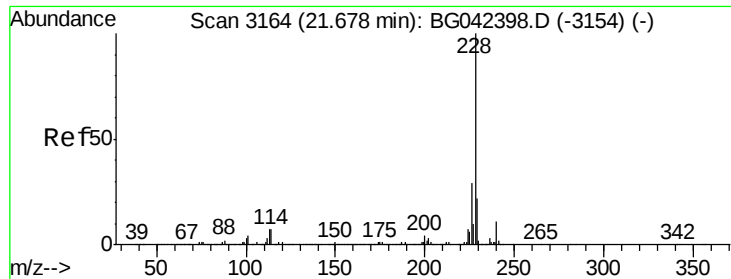


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.894 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG042604.D

Acq: 30 Aug 2019 17:22

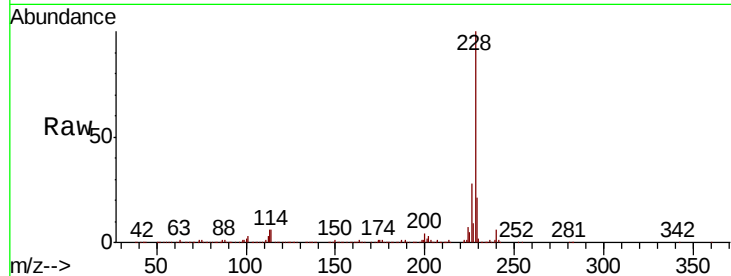
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 729354

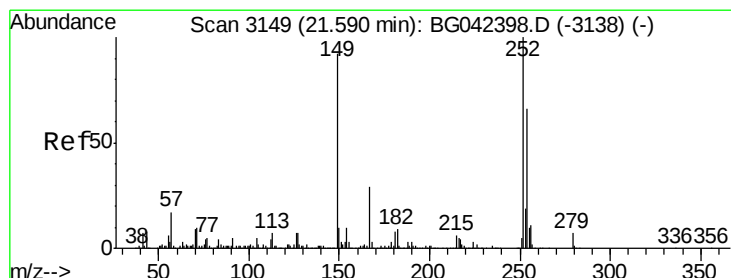
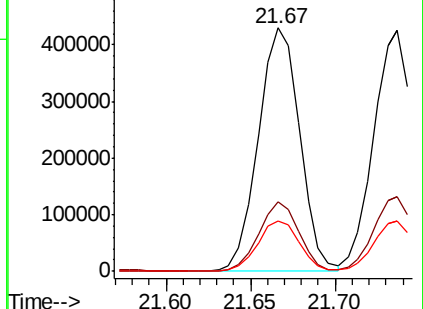
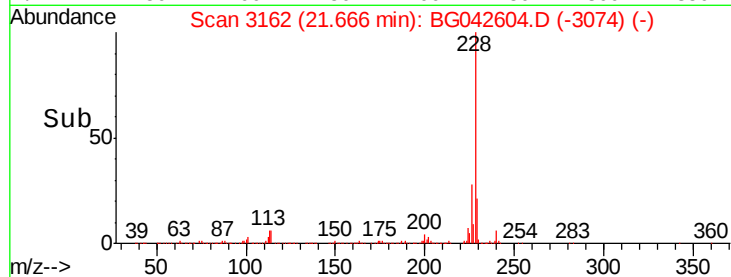
Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.4	35.2
229	20.7	17.4	26.2



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: 41.096 ng

RT: 21.58 min Scan# 3147

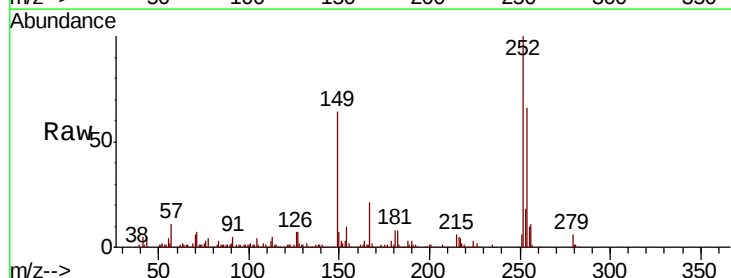
Delta R.T. -0.01 min

Lab File: BG042604.D

Acq: 30 Aug 2019 17:22

Tgt Ion:252 Resp: 287748

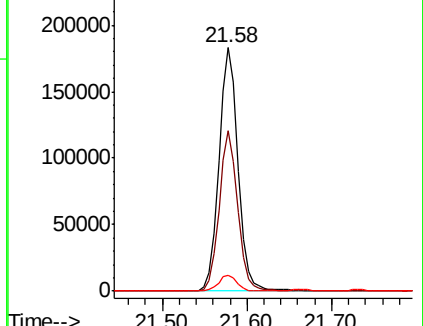
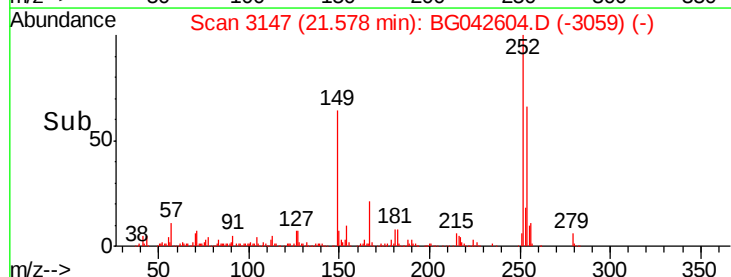
Ion	Ratio	Lower	Upper
252	100		
254	66.1	53.0	79.4
126	6.5	5.7	8.5



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

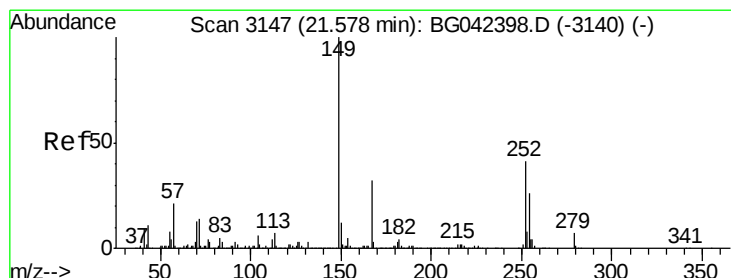
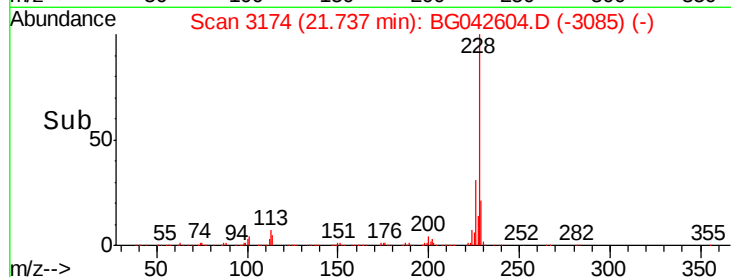
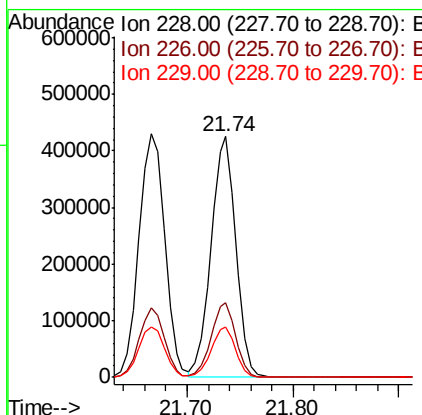
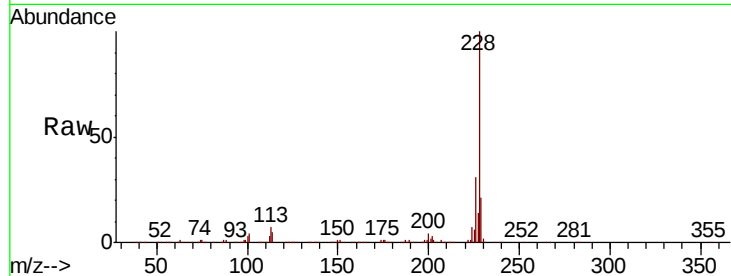




#83
 Chrysene
 Concen: 41.580 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.01 min
 Lab File: BG042604.D
 Acq: 30 Aug 2019 17:22

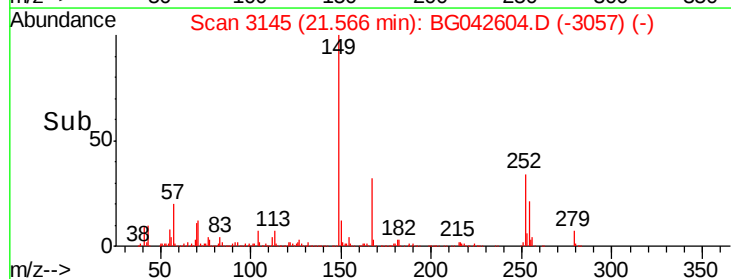
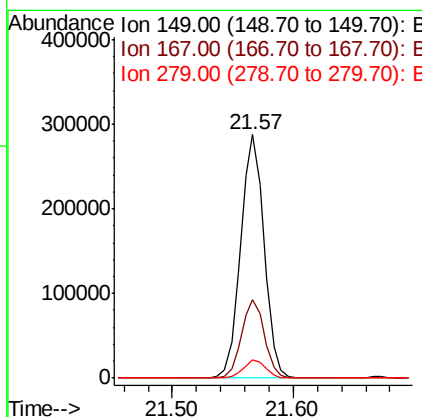
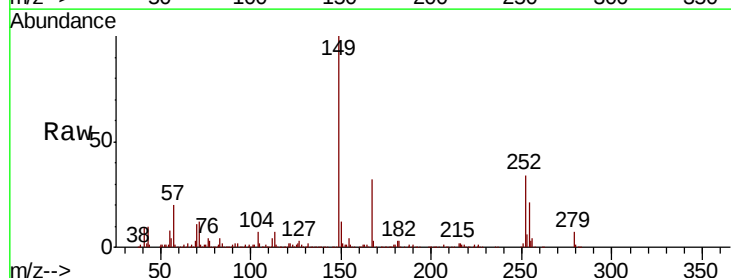
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	21.1	16.9	25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.643 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG042604.D
 Acq: 30 Aug 2019 17:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.3	26.0	39.0
279	7.3	5.4	8.0





#85

Di-n-octyl phthalate

Concen: 40.557 ng

RT: 22.78 min Scan# 3352

Delta R.T. -0.02 min

Lab File: BG042604.D

Acq: 30 Aug 2019 17:22

Instrument :

BNA_G

ClientSampled :

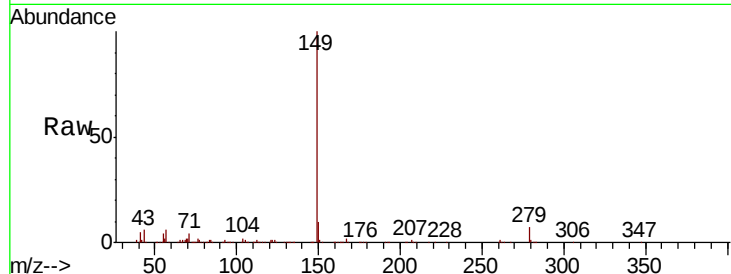
Tot Ion:149 Resp: 668399

Ion Ratio Lower Upper

149 100

167 1.8 1.6 2.4

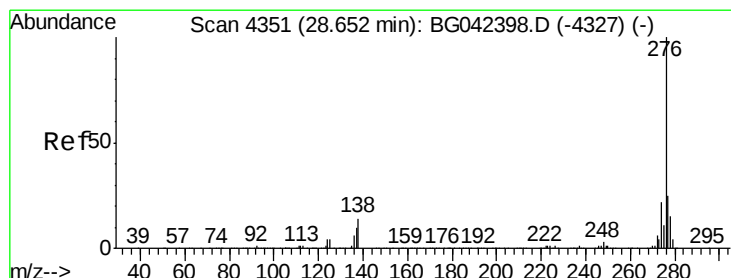
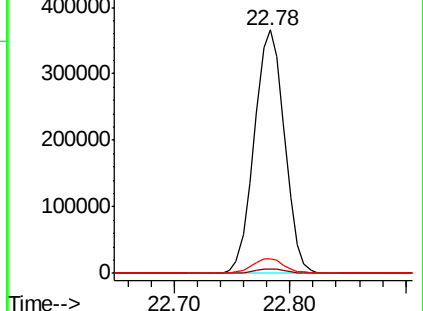
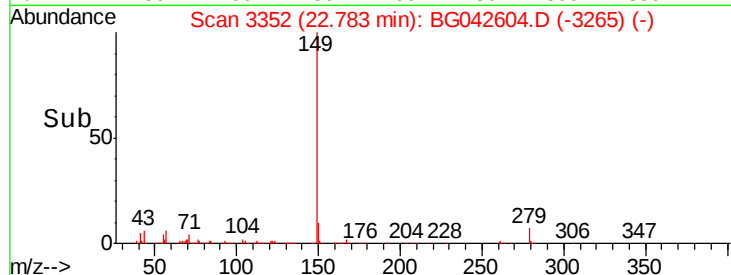
43 6.3 5.3 7.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.808 ng

RT: 28.64 min Scan# 4349

Delta R.T. -0.01 min

Lab File: BG042604.D

Acq: 30 Aug 2019 17:22

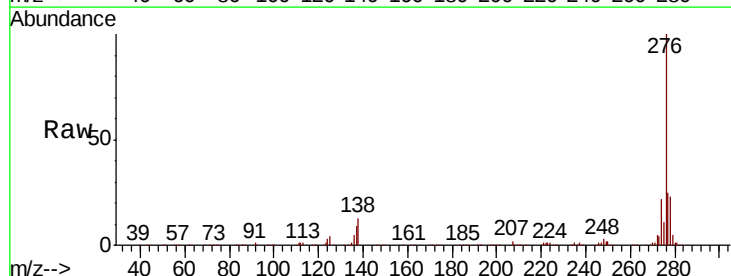
Tgt Ion:276 Resp: 931126

Ion Ratio Lower Upper

276 100

138 7.8 9.2 13.8#

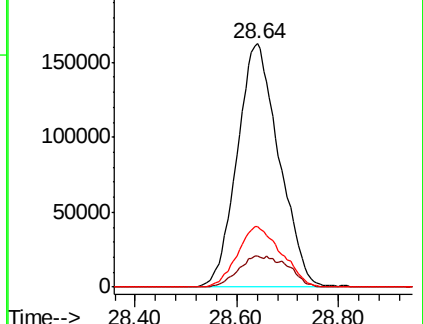
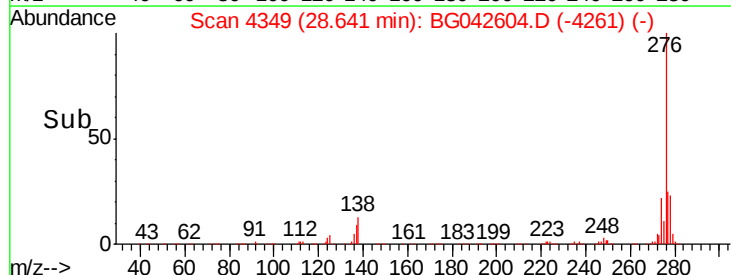
277 26.2 21.0 31.6

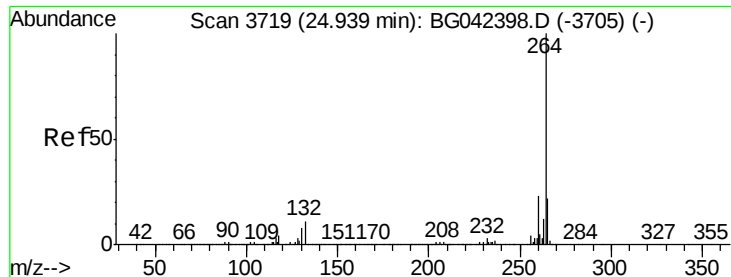


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

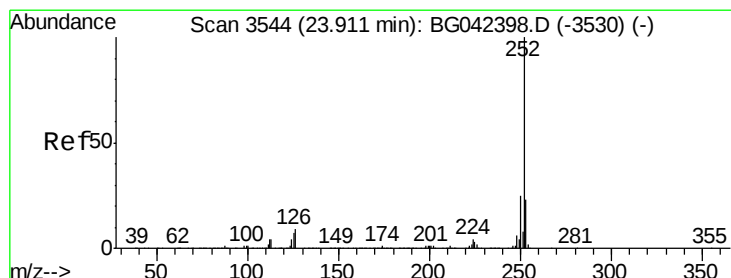
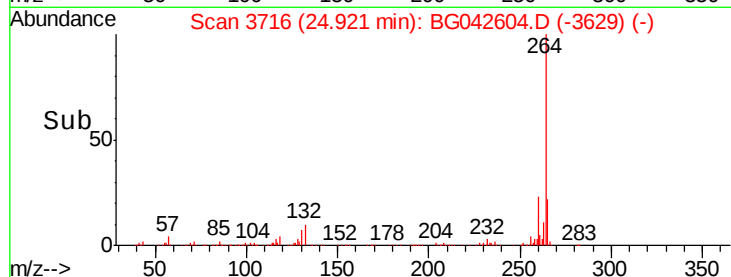
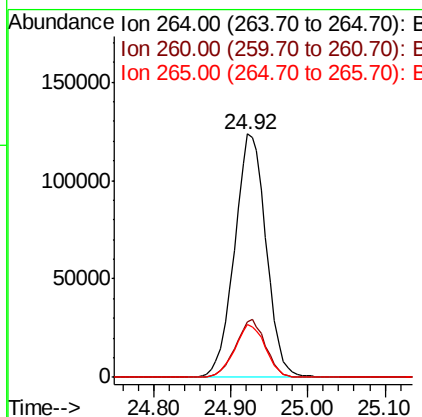
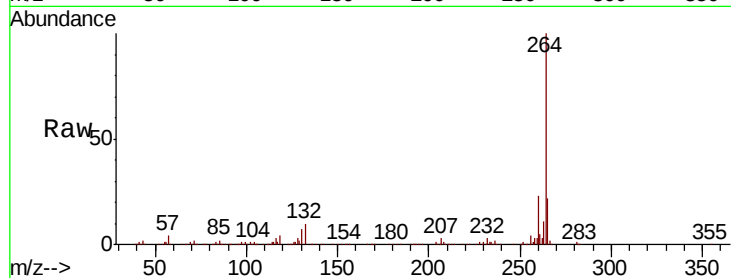




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.02 min
Lab File: BG042604.D
Acq: 30 Aug 2019 17:22

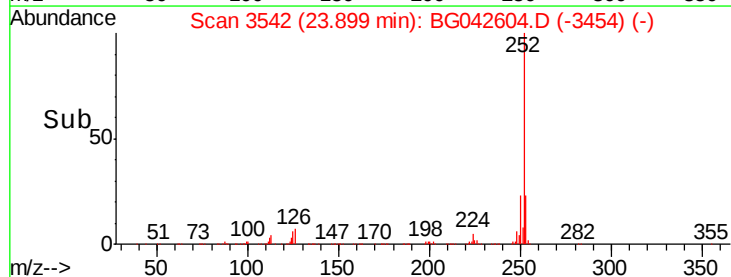
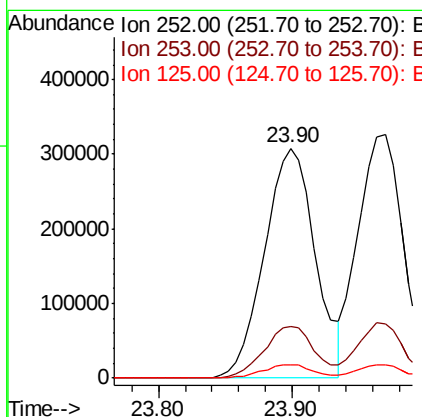
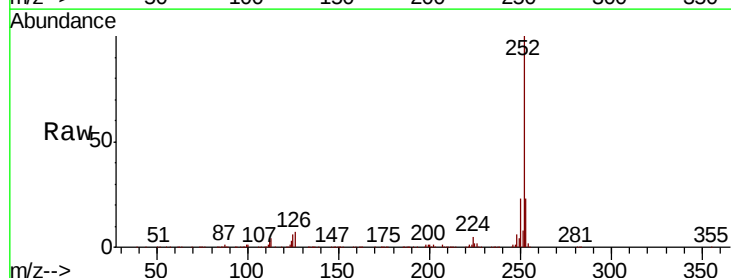
Instrument :
BNA_G
ClientSampleId :

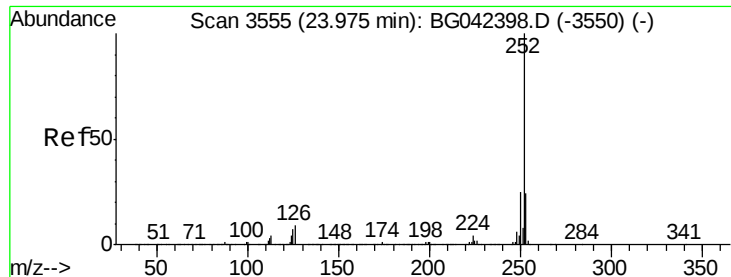
Tot Ion:264 Resp: 353260
Ion Ratio Lower Upper
264 100
260 22.6 18.5 27.7
265 21.9 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 42.011 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG042604.D
Acq: 30 Aug 2019 17:22

Tgt Ion:252 Resp: 815896
Ion Ratio Lower Upper
252 100
253 22.5 18.6 27.8
125 6.0 5.6 8.4

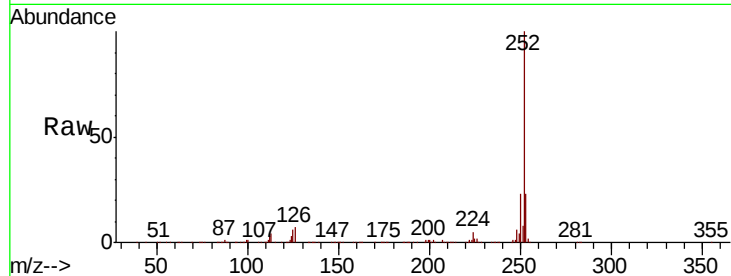




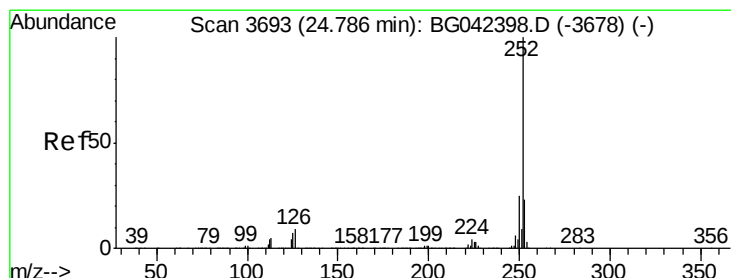
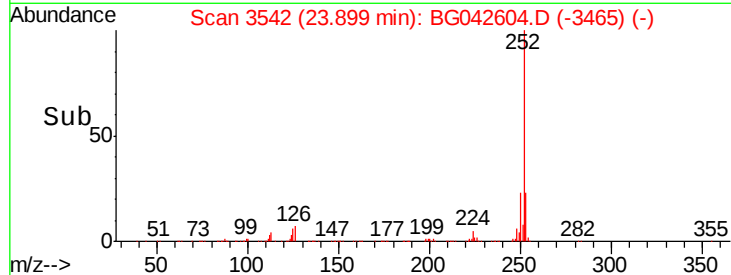
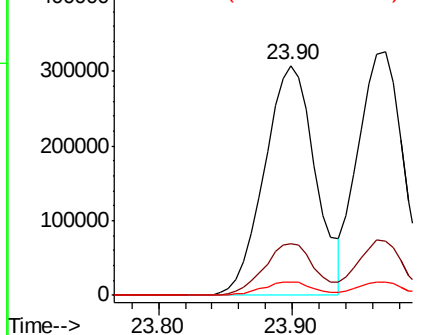
#89
Benzo(k)fluoranthene
Concen: 43.706 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.08 min
Lab File: BG042604.D
Acq: 30 Aug 2019 17:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 815896
Ion Ratio Lower Upper
252 100
253 22.5 18.6 27.8
125 6.0 5.8 8.6

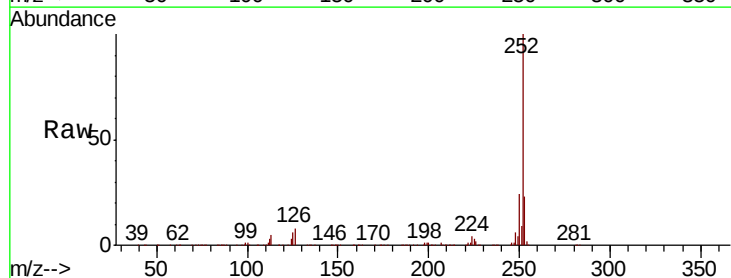


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

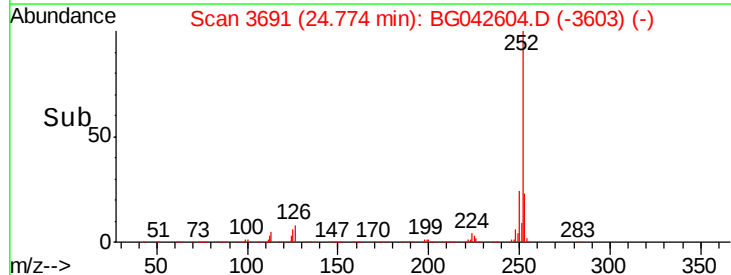
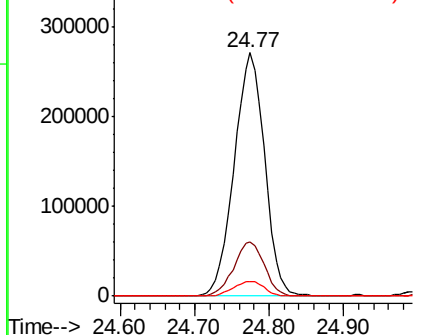


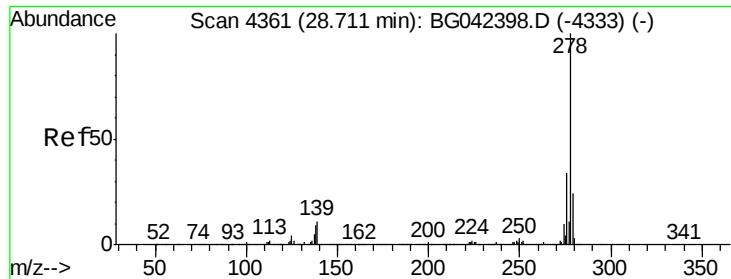
#90
Benzo(a)pyrene
Concen: 41.699 ng
RT: 24.77 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BG042604.D
Acq: 30 Aug 2019 17:22

Tgt Ion:252 Resp: 768455
Ion Ratio Lower Upper
252 100
253 22.5 18.4 27.6
125 6.2 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: 40.667 ng

RT: 28.69 min Scan# 4358

Delta R.T. -0.02 min

Lab File: BG042604.D

Acq: 30 Aug 2019 17:22

Instrument :

BNA_G

ClientSampleId :

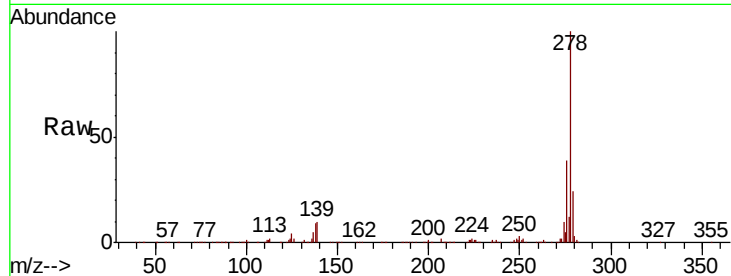
Tot Ion:278 Resp: 758814

Ion Ratio Lower Upper

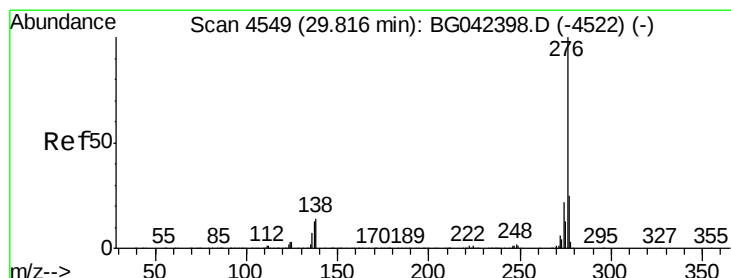
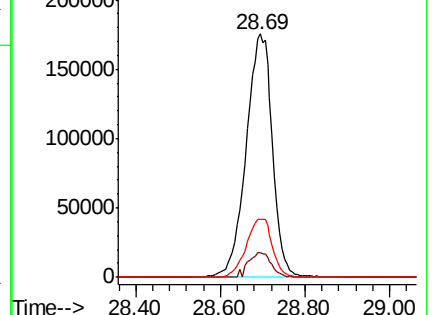
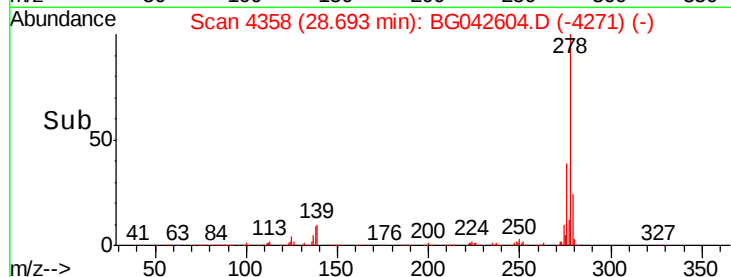
278 100

139 10.2 8.8 13.2

279 23.7 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: 40.630 ng

RT: 29.79 min Scan# 4544

Delta R.T. -0.03 min

Lab File: BG042604.D

Acq: 30 Aug 2019 17:22

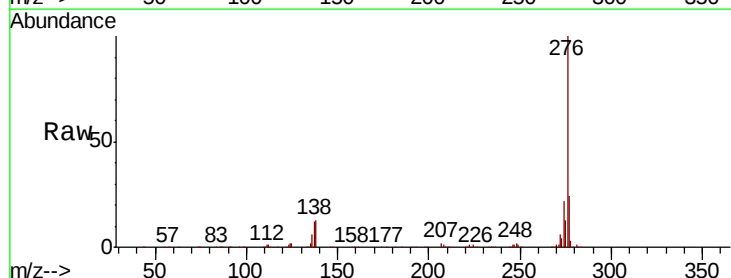
Tgt Ion:276 Resp: 758243

Ion Ratio Lower Upper

276 100

277 23.7 19.8 29.8

138 12.5 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

