

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082619\
 Data File : BG042498.D
 Acq On : 26 Aug 2019 13:45
 Operator : HP/JU
 Sample : PB122444BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122444BSD

Quant Time: Aug 27 01:07:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	46926	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	196051	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	137547	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	313646	20.00	ng	0.00
76) Chrysene-d12	21.69	240	349204	20.00	ng	0.00
87) Perylene-d12	24.93	264	378513	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	269852	116.47	ng	0.00
7) Phenol-d6	7.16	99	341703	109.18	ng	0.00
23) Nitrobenzene-d5	9.17	82	175484	61.85	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	185760	95.02	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	532593	65.49	ng	0.00
79) Terphenyl-d14	20.02	244	1004544	62.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	36291	37.532	ng	97
3) Pyridine	3.82	79	74426	30.017	ng	96
4) n-Nitrosodimethylamine	3.73	42	34737	39.226	ng	91
6) Aniline	7.32	93	124959	29.935	ng	99
8) 2-Chlorophenol	7.56	128	117929	41.997	ng	97
9) Benzaldehyde	7.13	77	72156	46.051	ng	99
10) Phenol	7.19	94	134254	42.190	ng	98
11) bis(2-Chloroethyl)ether	7.41	93	98912	39.579	ng	99
12) 1,3-Dichlorobenzene	7.89	146	133561	37.389	ng	97
13) 1,4-Dichlorobenzene	8.03	146	134487	37.168	ng	98
14) 1,2-Dichlorobenzene	8.36	146	128497	37.083	ng	98
15) Benzyl Alcohol	8.24	79	86928	38.606	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	125590	37.077	ng	99
17) 2-Methylphenol	8.45	107	94437	40.292	ng	95
18) Hexachloroethane	9.09	117	45295	36.566	ng	93
19) n-Nitroso-di-n-propylamine	8.81	70	74496	36.741	ng	95
20) 3+4-Methylphenols	8.78	107	129214	39.841	ng	98
22) Acetophenone	8.82	105	162087	38.655	ng	99
24) Nitrobenzene	9.21	77	111823	38.923	ng	98
25) Isophorone	9.73	82	209320	37.385	ng	97
26) 2-Nitrophenol	9.93	139	69469	38.586	ng	95
27) 2,4-Dimethylphenol	9.99	122	107585	43.381	ng	97
28) bis(2-Chloroethoxy)methane	10.22	93	133513	37.834	ng	99
29) 2,4-Dichlorophenol	10.47	162	126965	39.130	ng	97
30) 1,2,4-Trichlorobenzene	10.68	180	143894	36.130	ng	97
31) Naphthalene	10.87	128	350087	38.462	ng	100
32) Benzoic acid	10.14	122	50452	31.430	ng	99
33) 4-Chloroaniline	10.98	127	95008	22.611	ng	98
34) Hexachlorobutadiene	11.16	225	91980	34.364	ng	99
35) Caprolactam	11.75	113	20947	19.347	ng	91
36) 4-Chloro-3-methylphenol	12.11	107	117408	38.117	ng	99
37) 2-Methylnaphthalene	12.48	142	276522	37.835	ng	99
38) 1-Methylnaphthalene	12.70	142	259964	37.447	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	173326	39.240	ng	99

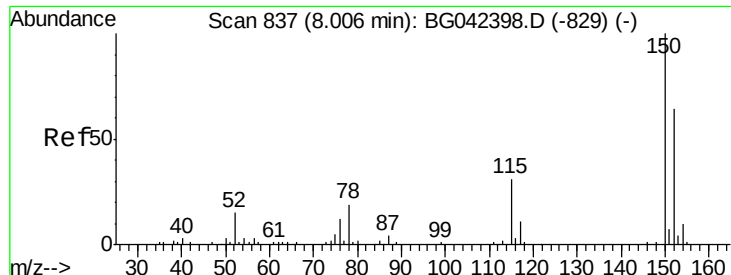
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082619\
 Data File : BG042498.D
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 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	183157	78.938	ng	99
43) 2,4,6-Trichlorophenol	13.09	196	112707	37.749	ng	96
44) 2,4,5-Trichlorophenol	13.18	196	122028	39.440	ng	97
46) 1,1'-Biphenyl	13.49	154	357237	40.179	ng	100
47) 2-Chloronaphthalene	13.53	162	290415	37.881	ng	98
48) 2-Nitroaniline	13.73	65	67146	36.320	ng	98
49) Acenaphthylene	14.38	152	458797	39.778	ng	99
50) Dimethylphthalate	14.11	163	367298	37.009	ng	100
51) 2,6-Dinitrotoluene	14.23	165	87647	38.100	ng	96
52) Acenaphthene	14.72	154	268883	38.392	ng	100
53) 3-Nitroaniline	14.56	138	60003	26.081	ng	95
54) 2,4-Dinitrophenol	14.77	184	94732	62.570	ng	96
55) Dibenzofuran	15.06	168	451484	38.944	ng	99
56) 4-Nitrophenol	14.88	139	133383	81.591	ng	97
57) 2,4-Dinitrotoluene	15.03	165	122901	37.309	ng	97
58) Fluorene	15.71	166	366600	38.684	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	113256	37.015	ng	99
60) Diethylphthalate	15.47	149	357786	36.878	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	212290	37.161	ng	99
62) 4-Nitroaniline	15.73	138	90760	36.860	ng	98
63) Azobenzene	15.99	77	258471	38.880	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	77731	39.529	ng	98
66) n-Nitrosodiphenylamine	15.91	169	337627	39.143	ng	99
67) 4-Bromophenyl-phenylether	16.59	248	142456	35.807	ng	99
68) Hexachlorobenzene	16.72	284	149218	34.503	ng	97
69) Atrazine	16.86	200	123254	40.408	ng	96
70) Pentachlorophenol	17.07	266	177937	79.185	ng	98
71) Phenanthrene	17.45	178	615722	39.522	ng	99
72) Anthracene	17.55	178	625732	40.233	ng	100
73) Carbazole	17.82	167	565039	40.764	ng	99
74) Di-n-butylphthalate	18.37	149	655611	40.012	ng	100
75) Fluoranthene	19.47	202	810863	42.647	ng	99
77) Benzidine	19.64	184	350912	35.050	ng	99
78) Pyrene	19.83	202	812592	37.955	ng	100
80) Butylbenzylphthalate	20.71	149	326171	38.734	ng	99
81) Benzo(a)anthracene	21.67	228	823126	38.749	ng	99
82) 3,3'-Dichlorobenzidine	21.58	252	285012	33.360	ng	98
83) Chrysene	21.74	228	800431	39.071	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	465223	39.790	ng	98
85) Di-n-octyl phthalate	22.79	149	809416	40.251	ng	99
86) Indeno(1,2,3-cd)pyrene	28.64	276	1047170	37.613	ng	# 95
88) Benzo(b)fluoranthene	23.90	252	896385	43.076	ng	99
89) Benzo(k)fluoranthene	23.97	252	884464	44.219	ng	100
90) Benzo(a)pyrene	24.78	252	883112	44.723	ng	99
91) Dibenzo(a,h)anthracene	28.70	278	869795	43.505	ng	99
92) Benzo(g,h,i)perylene	29.79	276	878937	43.955	ng	99

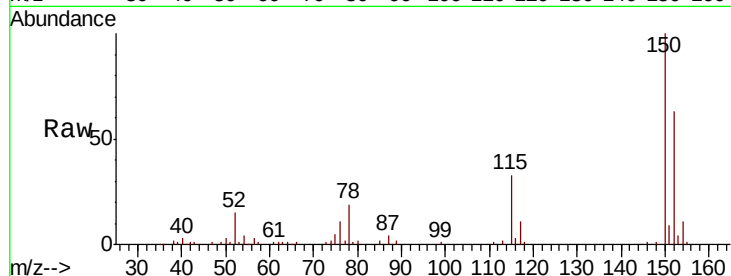
(#) = qualifier out of range (m) = manual integration (+) = signals summed



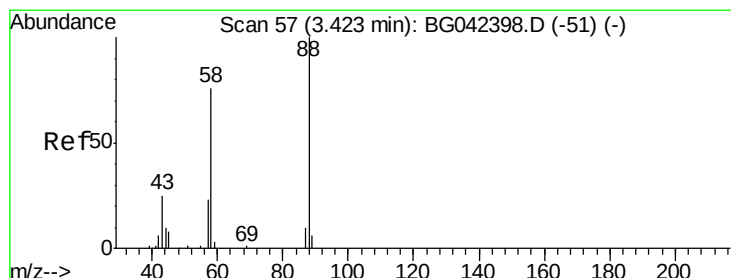
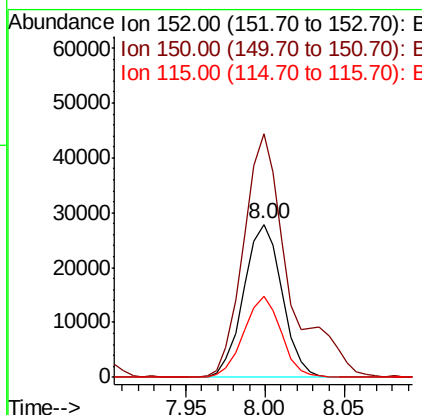
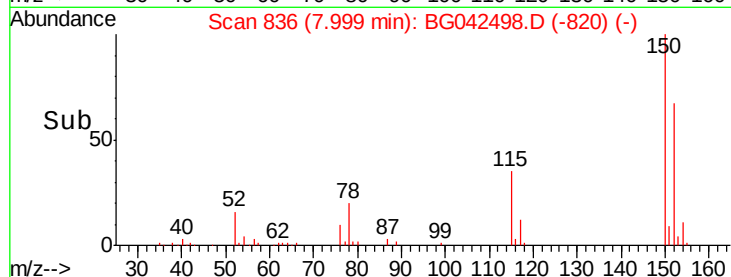
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BG042498.D
 Acq: 26 Aug 2019 13:45

Instrument :
 BNA_G
 ClientSampleId :
 PB122444BSD

Tgt Ion:152 Resp: 46926
 Ion Ratio Lower Upper
 152 100
 150 159.4 125.4 188.0
 115 53.0 38.5 57.7

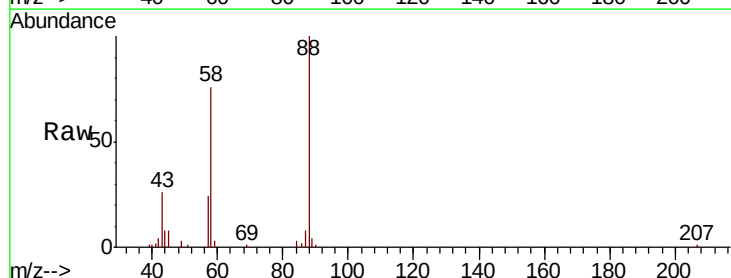


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

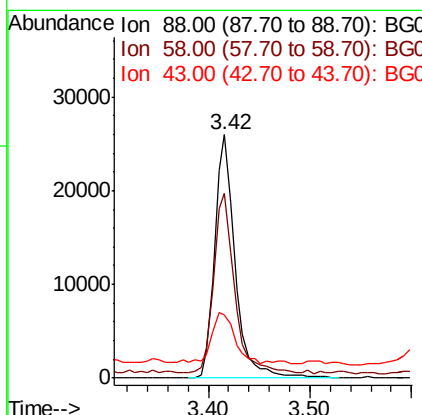
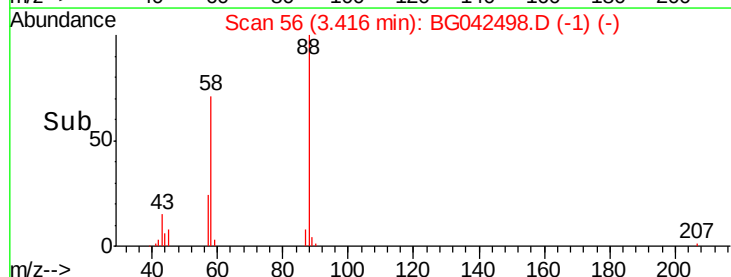


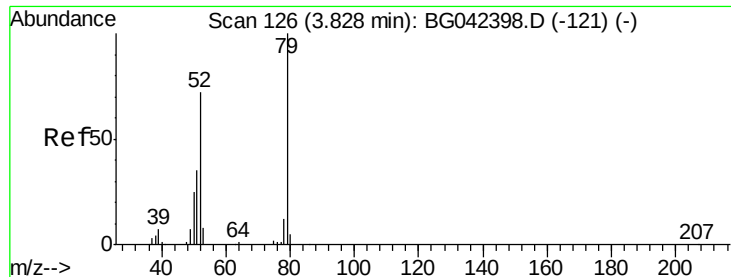
#2
 1,4-Dioxane
 Concen: 37.532 ng
 RT: 3.42 min Scan# 56
 Delta R.T. -0.01 min
 Lab File: BG042498.D
 Acq: 26 Aug 2019 13:45

Tgt Ion: 88 Resp: 36291
 Ion Ratio Lower Upper
 88 100
 58 75.1 58.3 87.5
 43 22.6 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

Pyridine

Concen: 30.017 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

Instrument :

BNA_G

ClientSampleId :

PB122444BSD

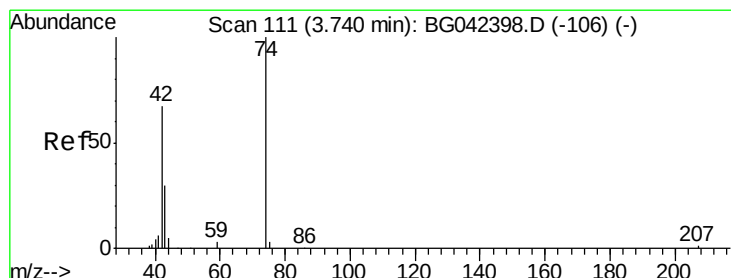
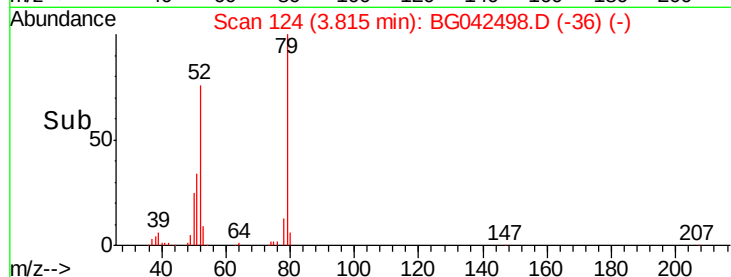
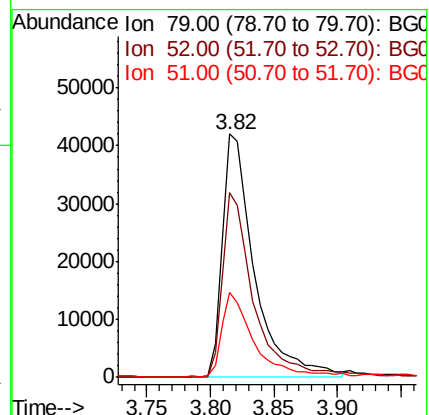
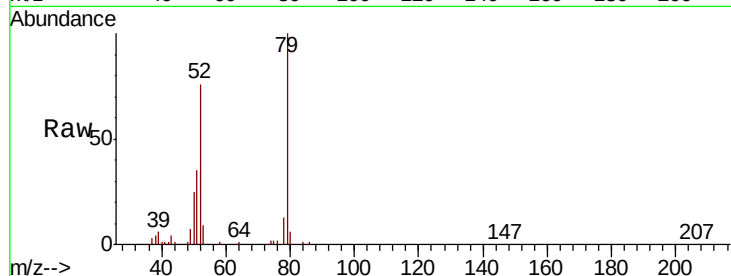
Tgt Ion: 79 Resp: 74426

Ion Ratio Lower Upper

79 100

52 76.1 57.7 86.5

51 34.8 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 39.226 ng

RT: 3.73 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

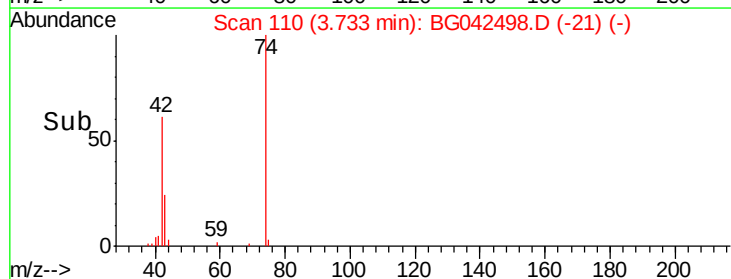
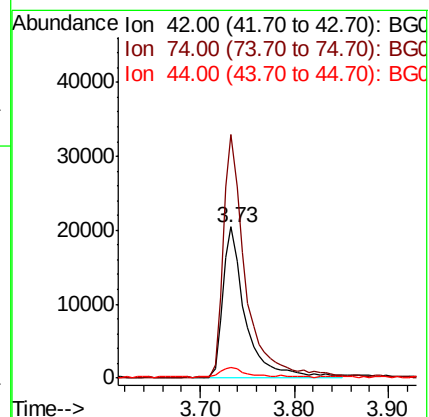
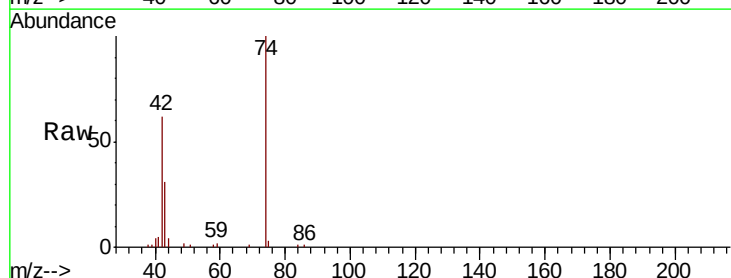
Tgt Ion: 42 Resp: 34737

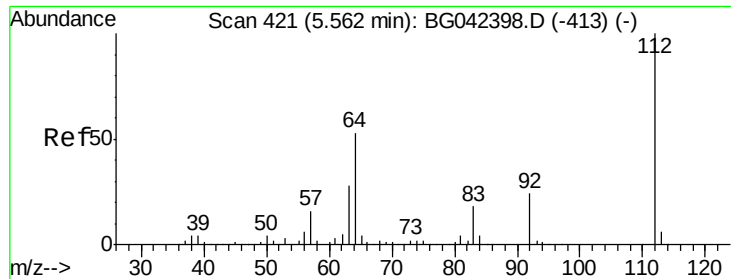
Ion Ratio Lower Upper

42 100

74 161.0 119.6 179.4

44 6.7 6.5 9.7





#5

2-Fluorophenol

Concen: 116.466 ng

RT: 5.55 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

Instrument :

BNA_G

ClientSampleId :

PB122444BSD

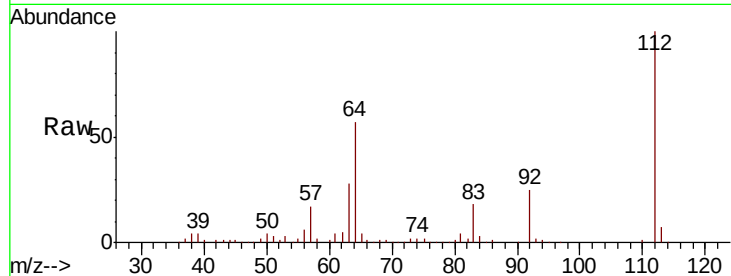
Tgt Ion: 112 Resp: 269852

Ion Ratio Lower Upper

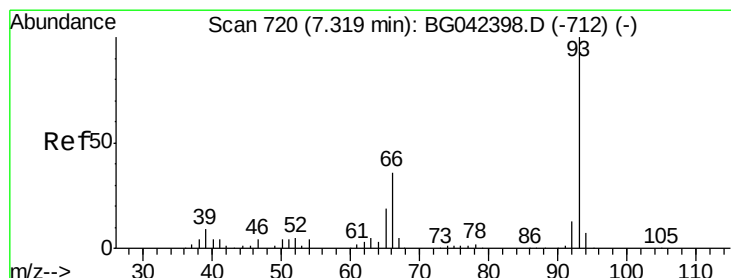
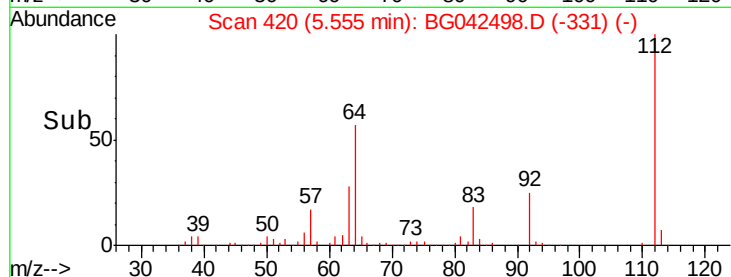
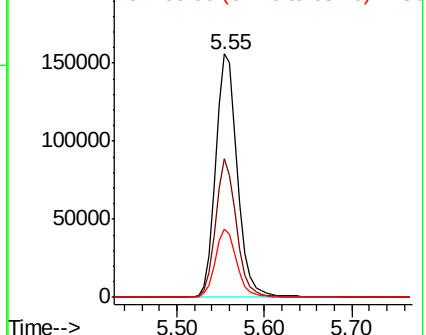
112 100

64 56.7 42.8 64.2

63 27.8 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: 29.935 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

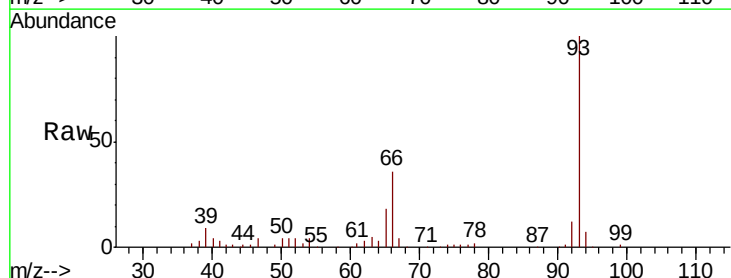
Tgt Ion: 93 Resp: 124959

Ion Ratio Lower Upper

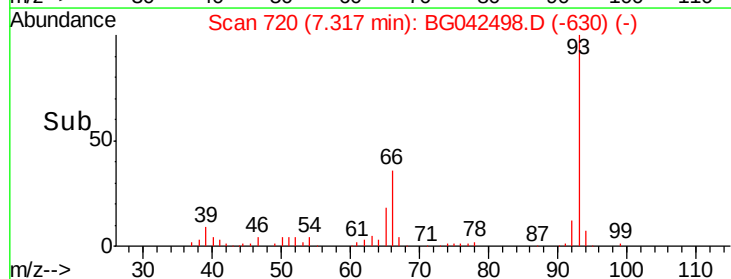
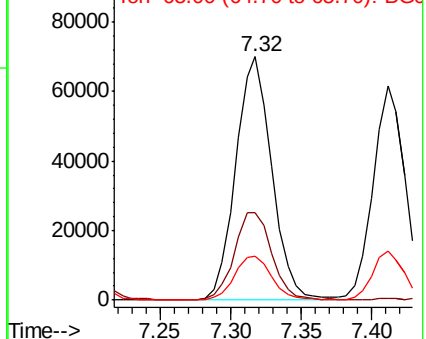
93 100

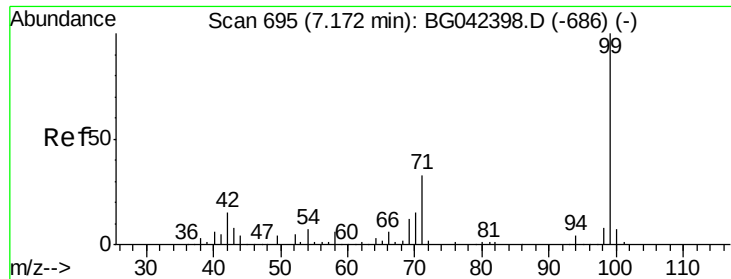
66 35.8 29.0 43.6

65 18.2 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: 109.179 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

Instrument :

BNA_G

ClientSampleId :

PB122444BSD

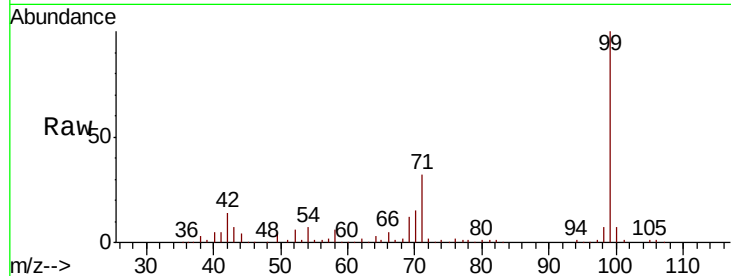
Tgt Ion: 99 Resp: 341703

Ion Ratio Lower Upper

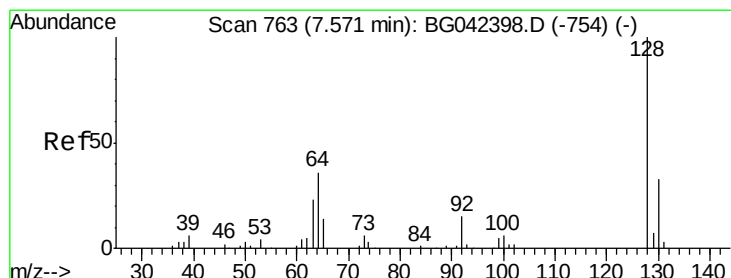
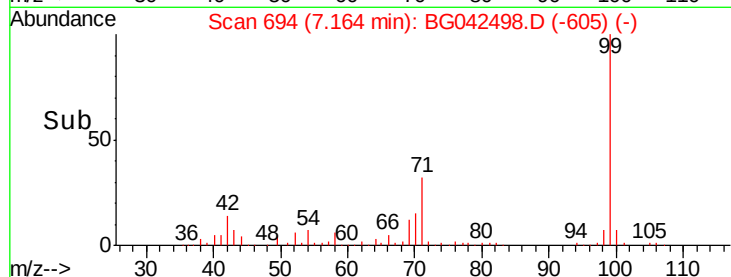
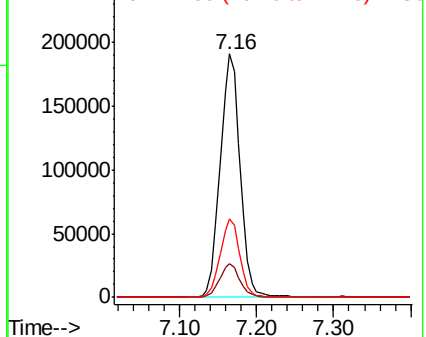
99 100

42 13.6 12.0 18.0

71 32.1 26.3 39.5



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



#8

2-Chlorophenol

Concen: 41.997 ng

RT: 7.56 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

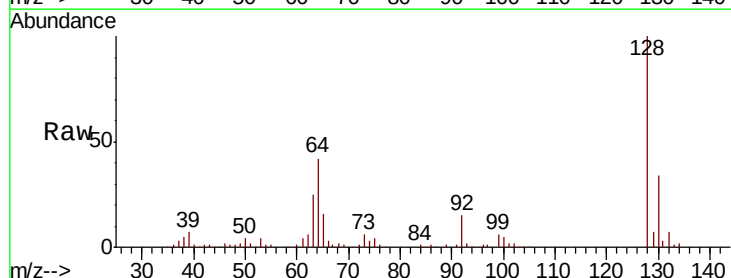
Tgt Ion: 128 Resp: 117929

Ion Ratio Lower Upper

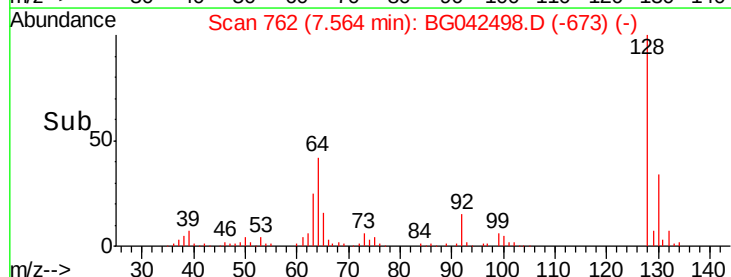
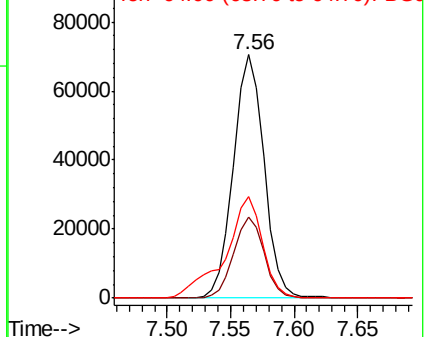
128 100

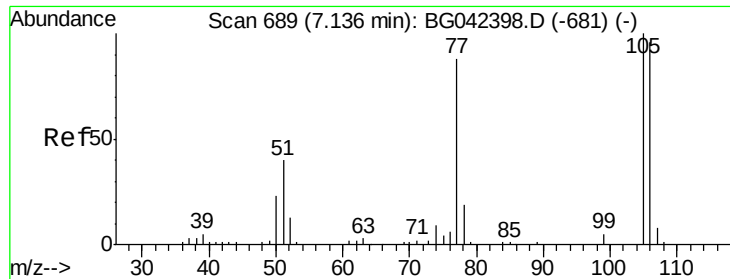
130 33.5 12.8 52.8

64 41.8 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: 46.051 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

Instrument :

BNA_G

ClientSampleId :

PB122444BSD

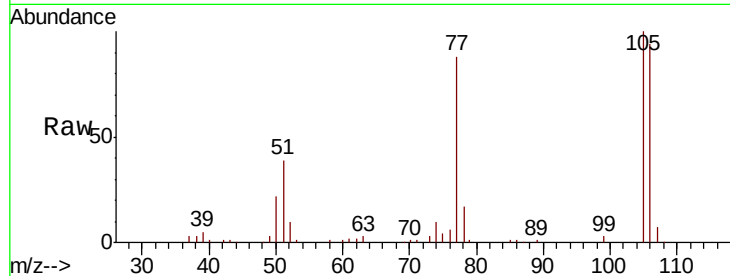
Tgt Ion: 77 Resp: 72156

Ion Ratio Lower Upper

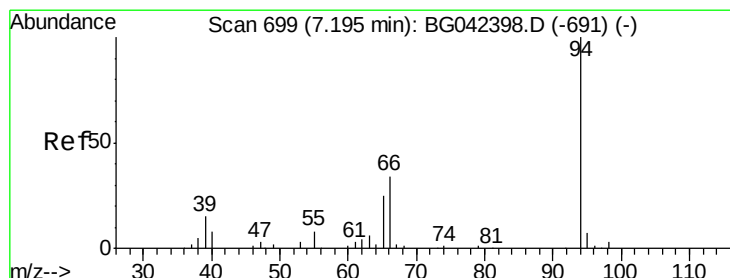
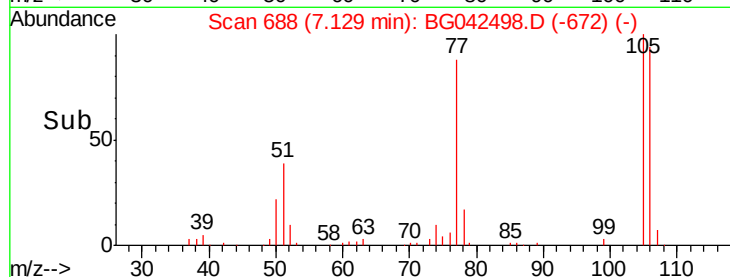
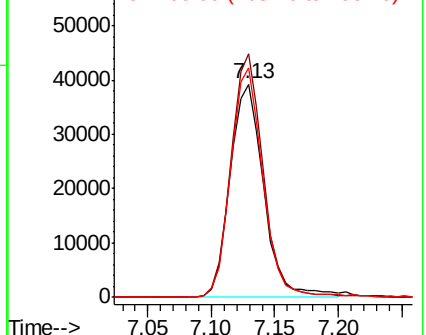
77 100

105 114.1 93.4 133.4

106 107.7 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: 42.190 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

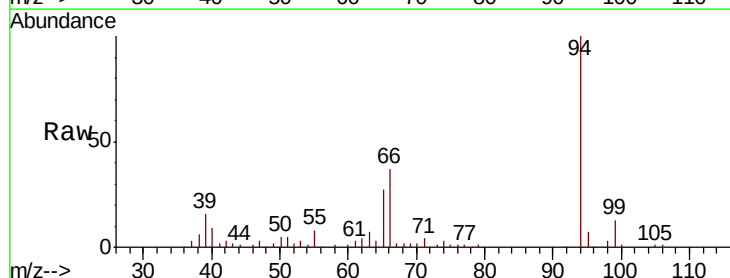
Tgt Ion: 94 Resp: 134254

Ion Ratio Lower Upper

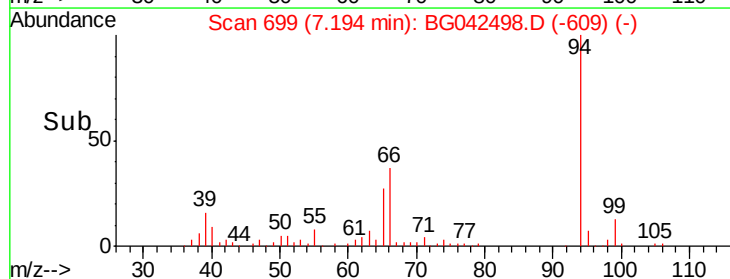
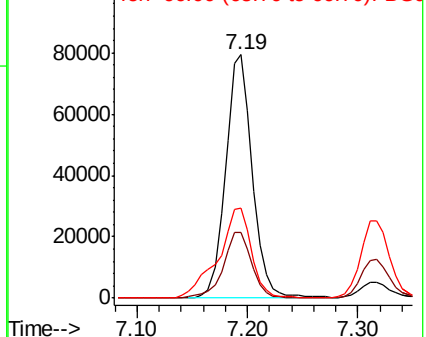
94 100

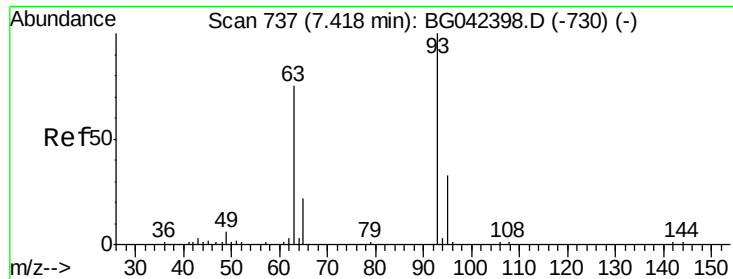
65 26.9 5.6 45.6

66 37.2 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

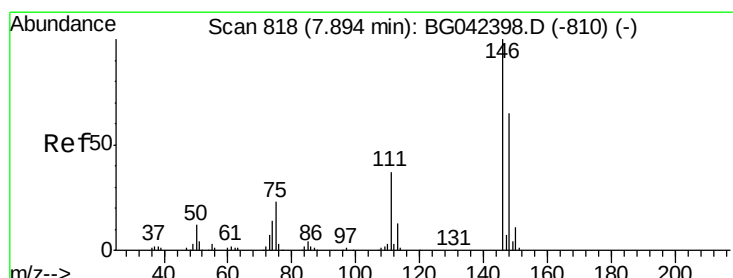
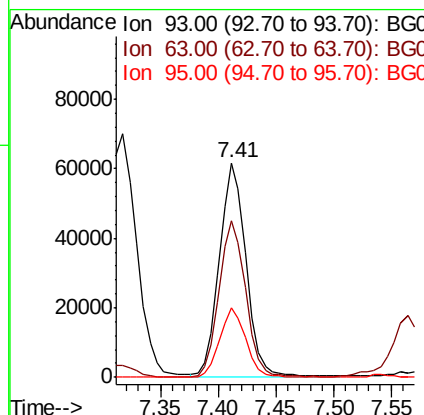
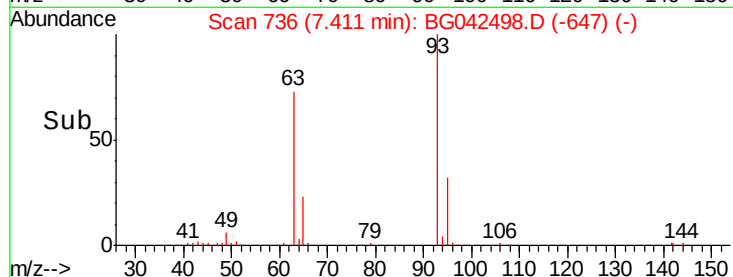
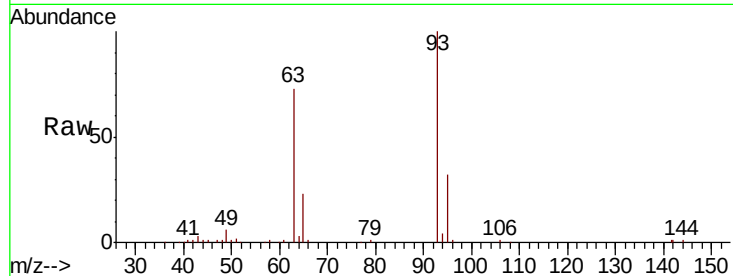




#11
bis(2-Chloroethyl)ether
Concen: 39.579 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.01 min
Lab File: BG042498.D
Acq: 26 Aug 2019 13:45

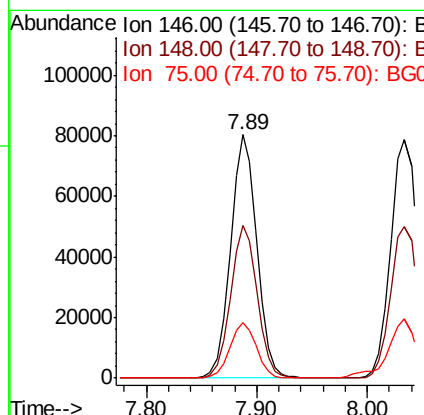
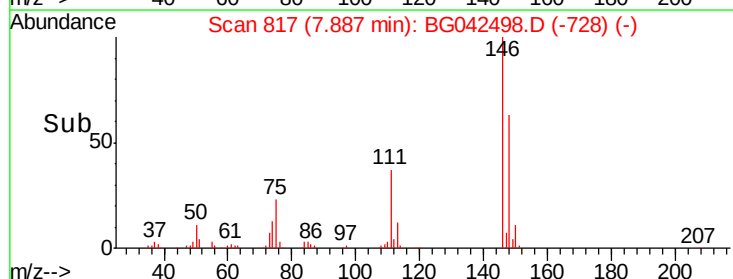
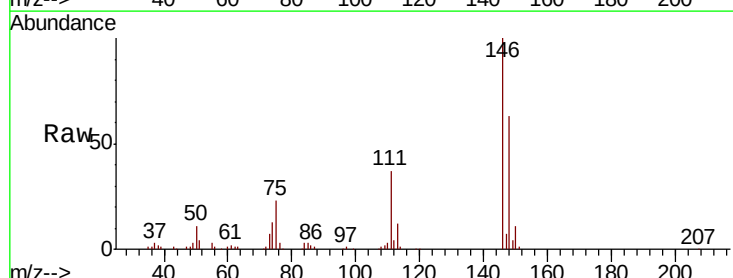
Instrument :
BNA_G
ClientSampleId :
PB122444BSD

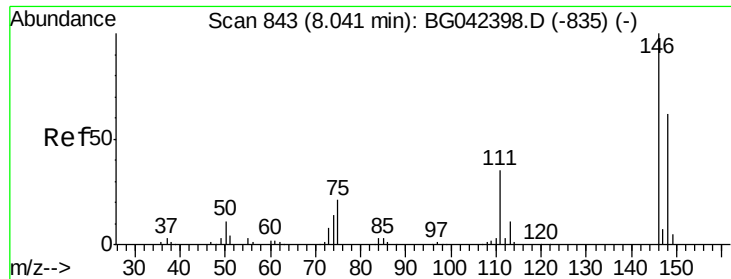
Tgt Ion: 93 Resp: 98912
Ion Ratio Lower Upper
93 100
63 73.3 53.8 93.8
95 32.2 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 37.389 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG042498.D
Acq: 26 Aug 2019 13:45

Tgt Ion: 146 Resp: 133561
Ion Ratio Lower Upper
146 100
148 62.6 52.2 78.2
75 22.8 18.0 27.0

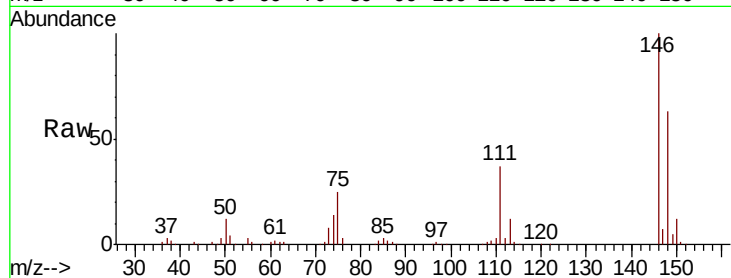




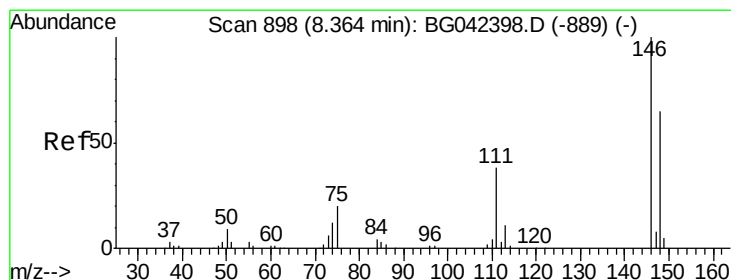
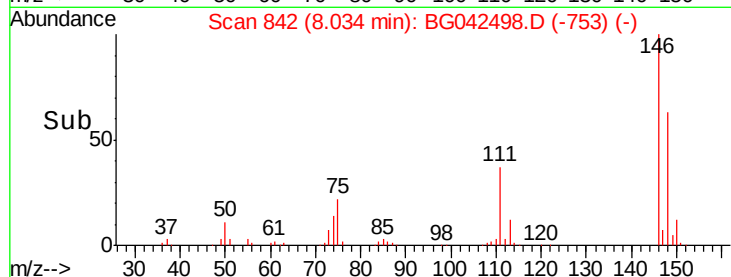
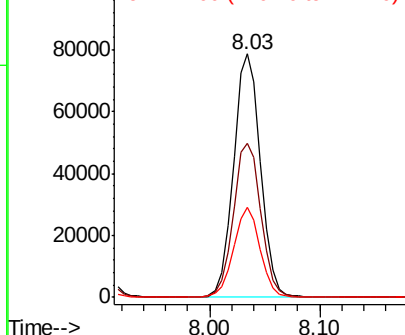
#13
 1,4-Dichlorobenzene
 Concen: 37.168 ng
 RT: 8.03 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG042498.D
 Acq: 26 Aug 2019 13:45

Instrument :
 BNA_G
 ClientSampleId :
 PB122444BSD

Tgt Ion:146 Resp: 134487
 Ion Ratio Lower Upper
 146 100
 148 63.3 49.5 74.3
 111 37.2 28.1 42.1

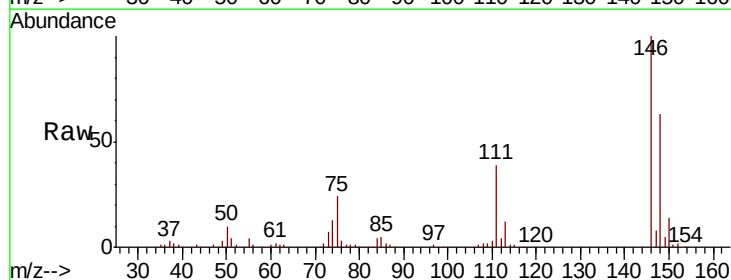


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

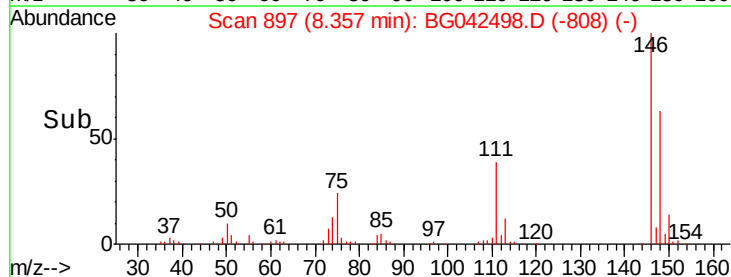
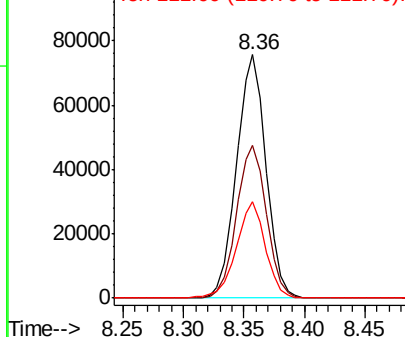


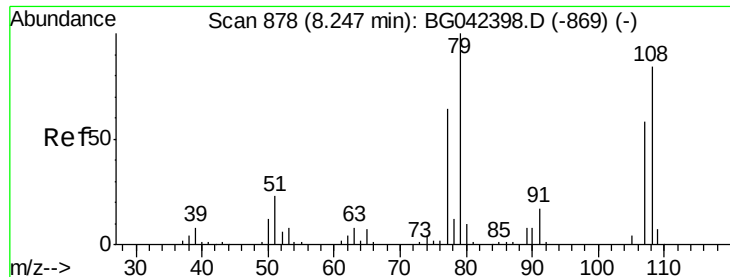
#14
 1,2-Dichlorobenzene
 Concen: 37.083 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG042498.D
 Acq: 26 Aug 2019 13:45

Tgt Ion:146 Resp: 128497
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.8 77.6
 111 39.4 30.9 46.3



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





#15

Benzyl Alcohol

Concen: 38.606 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

Instrument :

BNA_G

ClientSampleId :

PB122444BSD

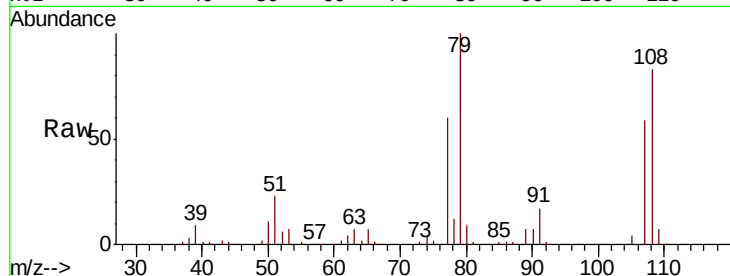
Tgt Ion: 79 Resp: 86928

Ion Ratio Lower Upper

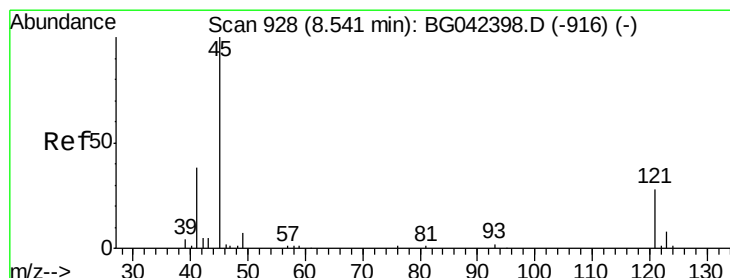
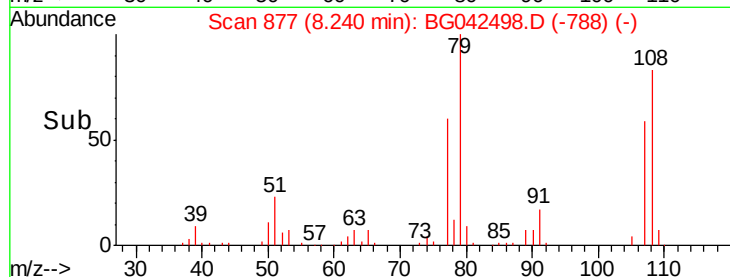
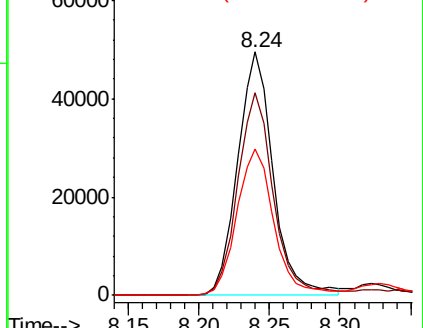
79 100

108 83.0 67.4 101.2

77 60.4 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: 37.077 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

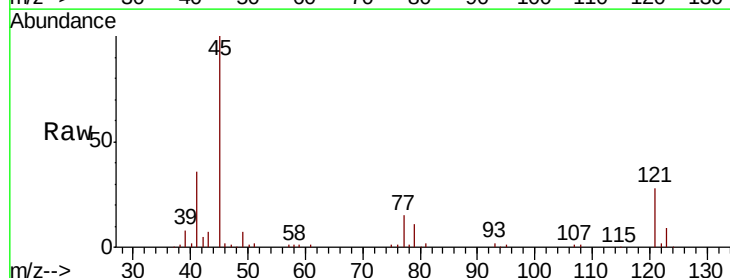
Tgt Ion: 45 Resp: 125590

Ion Ratio Lower Upper

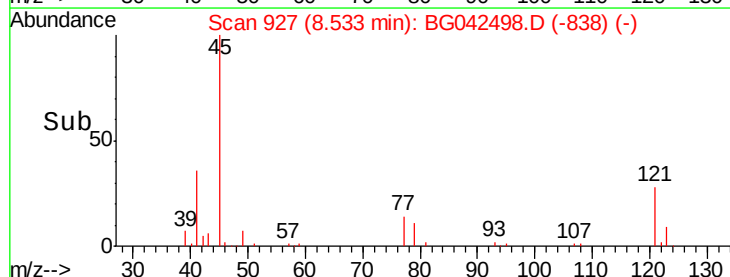
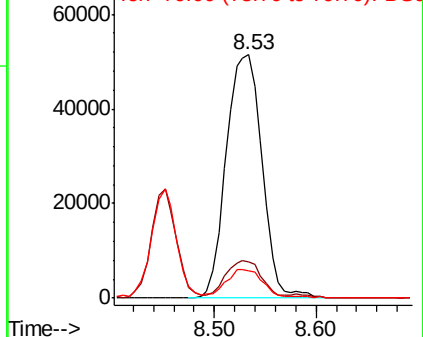
45 100

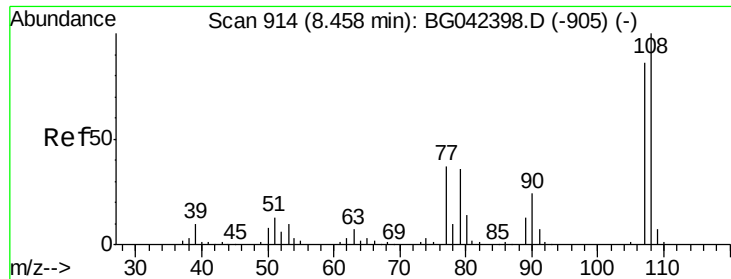
77 15.0 0.0 35.6

79 11.3 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

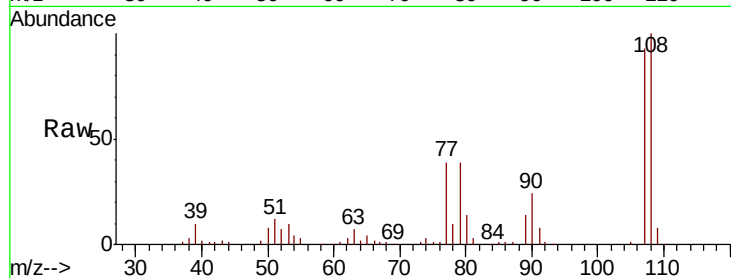




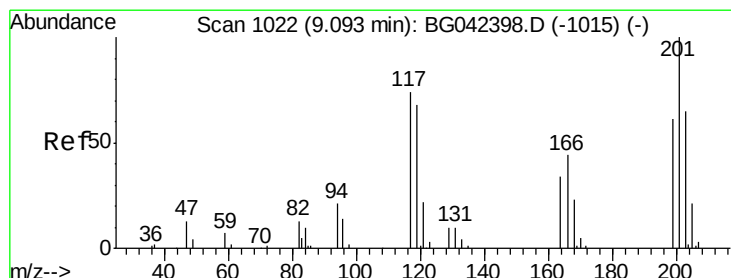
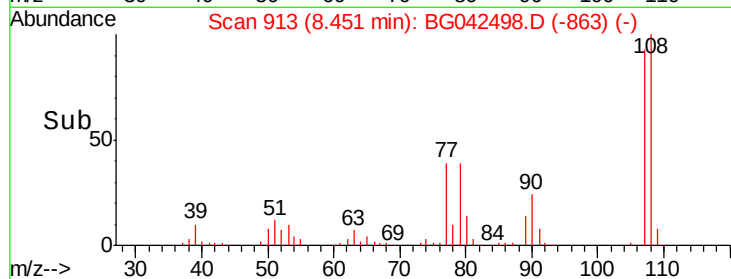
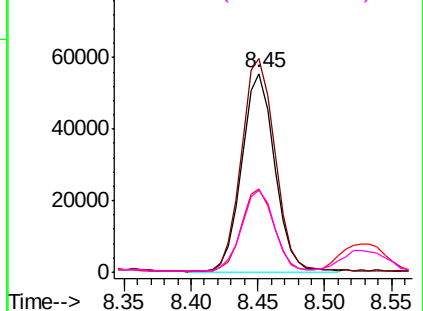
#17
2-Methylphenol
Concen: 40.292 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG042498.D
Acq: 26 Aug 2019 13:45

Instrument :
BNA_G
ClientSampleId :
PB122444BSD

Tgt Ion:	107	Resp:	94437
Ion	Ratio	Lower	Upper
107	100		
108	107.5	92.9	139.3
77	41.6	34.4	51.6
79	41.5	33.8	50.6

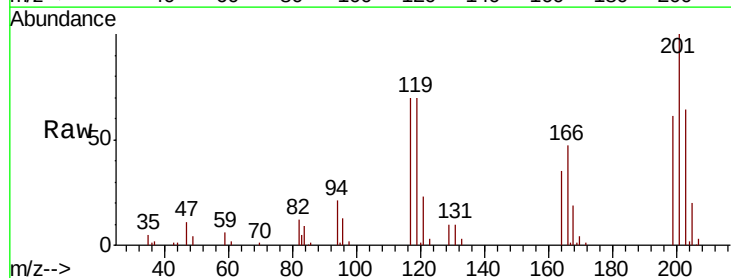


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

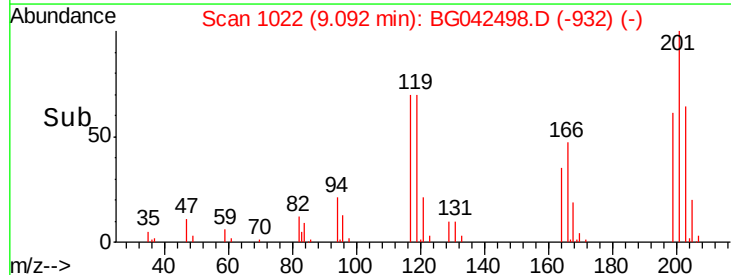
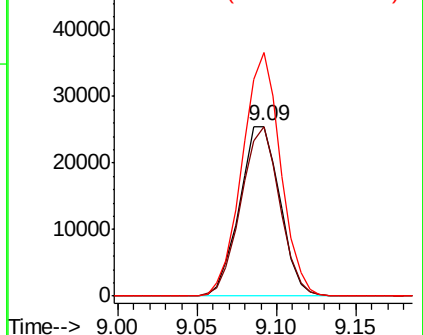


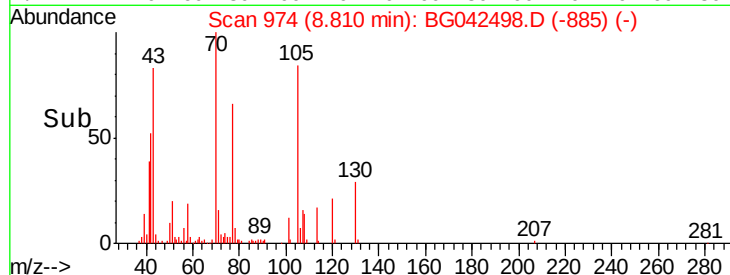
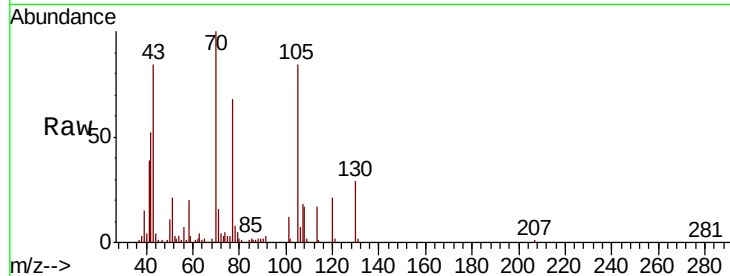
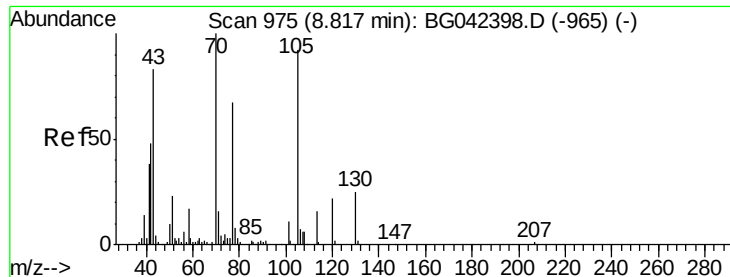
#18
Hexachloroethane
Concen: 36.566 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG042498.D
Acq: 26 Aug 2019 13:45

Tgt Ion:	117	Resp:	45295
Ion	Ratio	Lower	Upper
117	100		
119	99.6	73.8	110.8
201	143.2	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

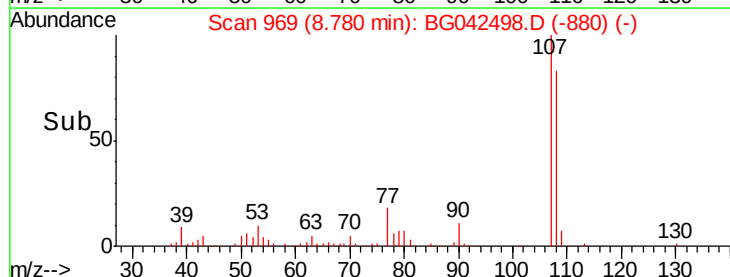
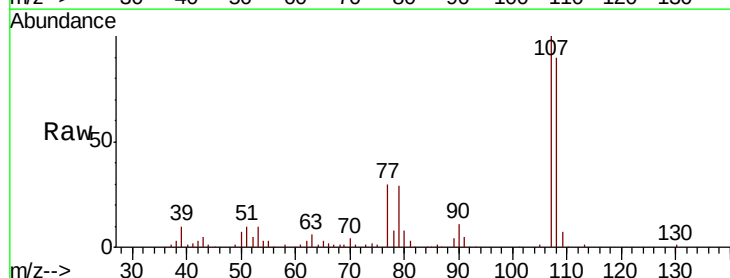
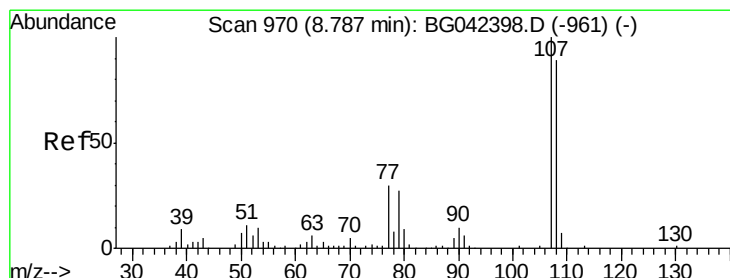
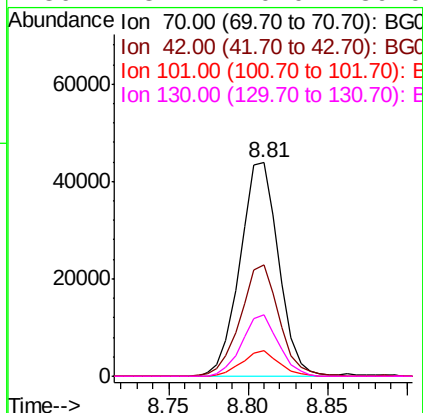




#19
n-Nitroso-di-n-propylamine
Concen: 36.741 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG042498.D
Acq: 26 Aug 2019 13:45

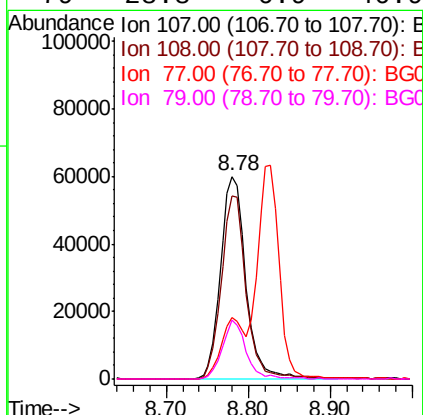
Instrument :
BNA_G
ClientSampleId :
PB122444BSD

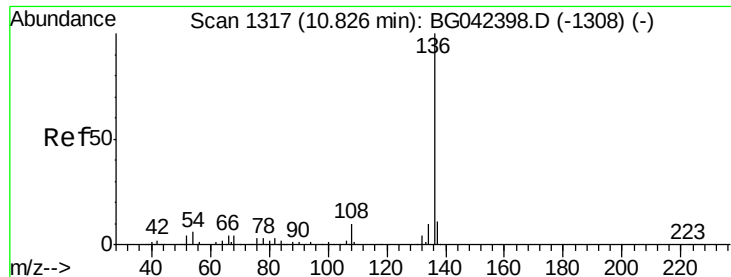
Tgt Ion:	70	Resp:	74496
Ion	Ratio	Lower	Upper
70	100		
42	51.9	38.8	58.2
101	11.8	9.0	13.6
130	28.7	20.0	30.0



#20
3+4-Methylphenols
Concen: 39.841 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG042498.D
Acq: 26 Aug 2019 13:45

Tgt Ion:	107	Resp:	129214
Ion	Ratio	Lower	Upper
107	100		
108	90.5	68.7	108.7
77	30.5	10.2	50.2
79	28.8	6.9	46.9

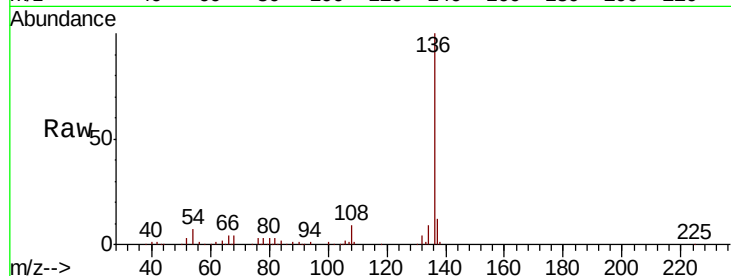




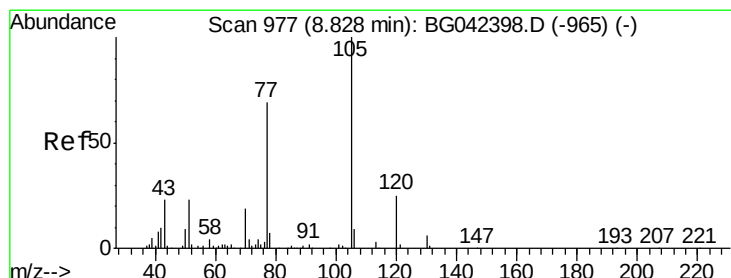
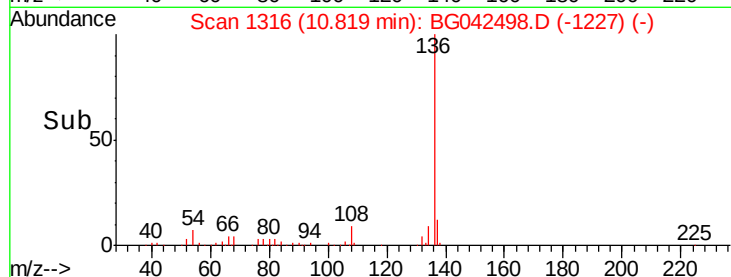
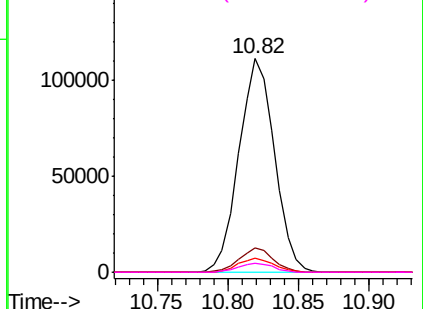
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042498.D
Acq: 26 Aug 2019 13:45

Instrument :
BNA_G
ClientSampleId :
PB122444BSD

Tgt Ion:	136	Resp:	196051
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	6.7	4.9	7.3
68	4.0	3.6	5.4

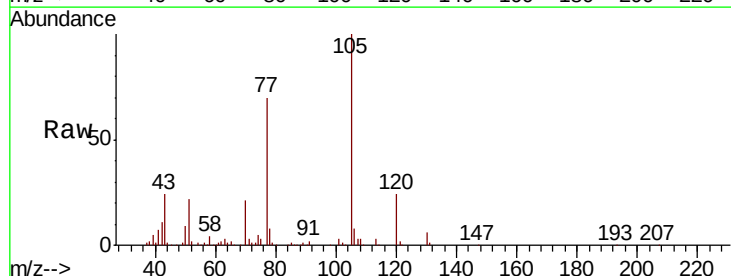


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

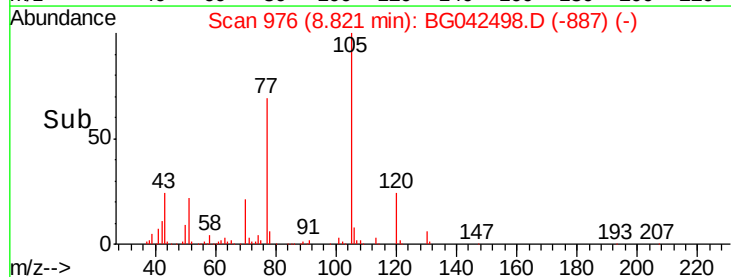
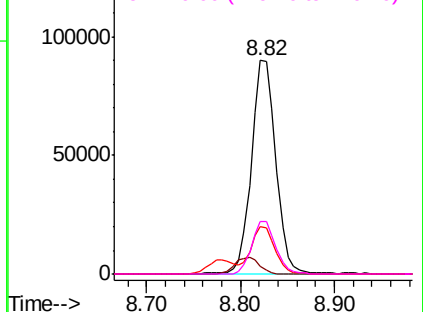


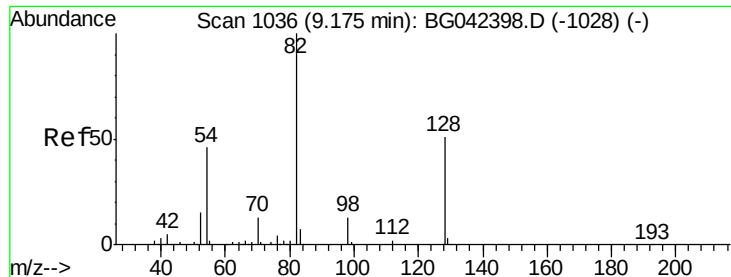
#22
Acetophenone
Concen: 38.655 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG042498.D
Acq: 26 Aug 2019 13:45

Tgt Ion:	105	Resp:	162087
Ion	Ratio	Lower	Upper
105	100		
71	3.4	2.8	4.2
51	22.4	18.7	28.1
120	24.5	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

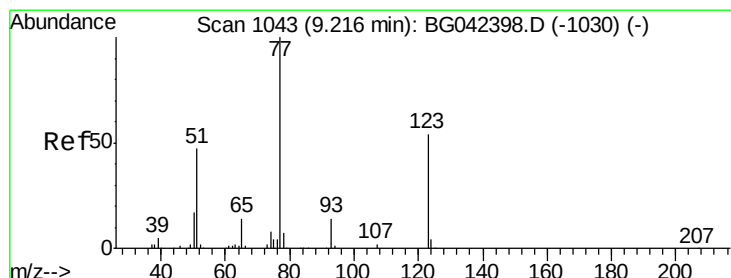
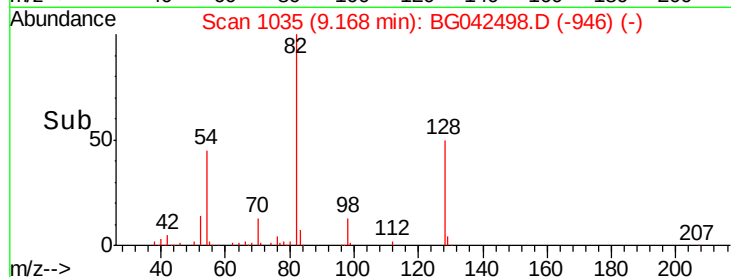
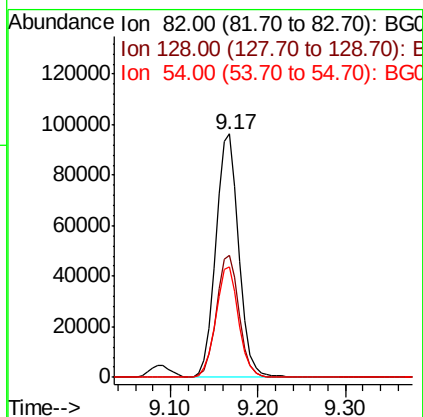
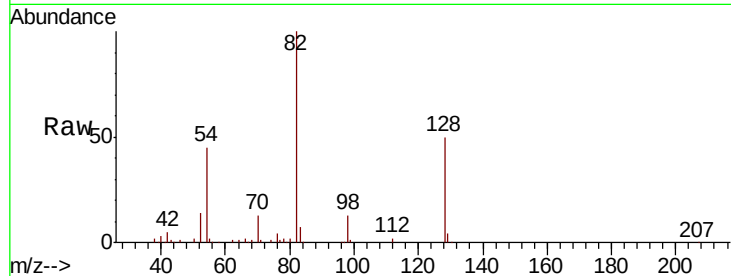




#23
 Nitrobenzene-d5
 Concen: 61.855 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG042498.D
 Acq: 26 Aug 2019 13:45

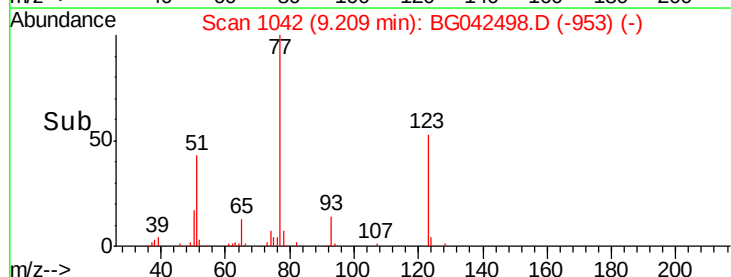
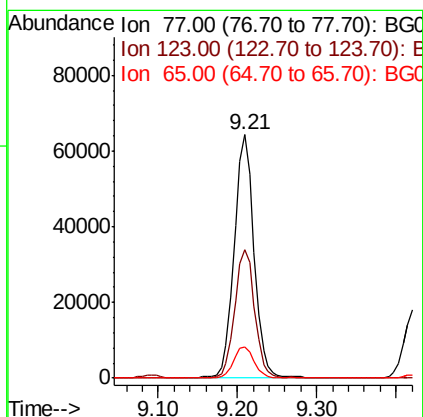
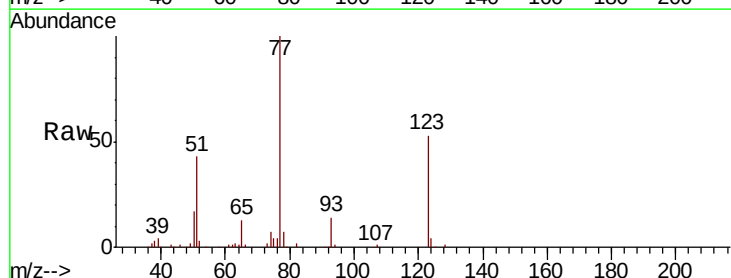
Instrument :
 BNA_G
 ClientSampleId :
 PB122444BSD

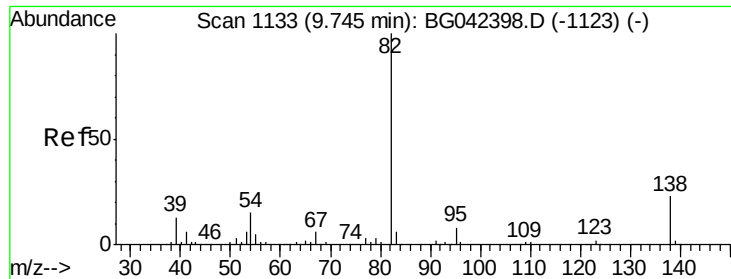
Tgt Ion: 82 Resp: 175484
 Ion Ratio Lower Upper
 82 100
 128 50.1 40.7 61.1
 54 45.4 36.3 54.5



#24
 Nitrobenzene
 Concen: 38.923 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG042498.D
 Acq: 26 Aug 2019 13:45

Tgt Ion: 77 Resp: 111823
 Ion Ratio Lower Upper
 77 100
 123 52.6 43.4 65.0
 65 12.8 11.0 16.6





#25

Isophorone

Concen: 37.385 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

Instrument :

BNA_G

ClientSampleId :

PB122444BSD

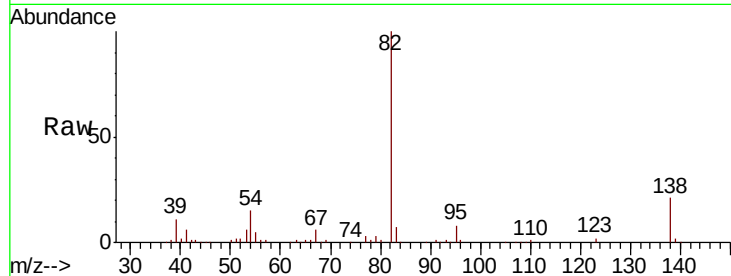
Tgt Ion: 82 Resp: 209320

Ion Ratio Lower Upper

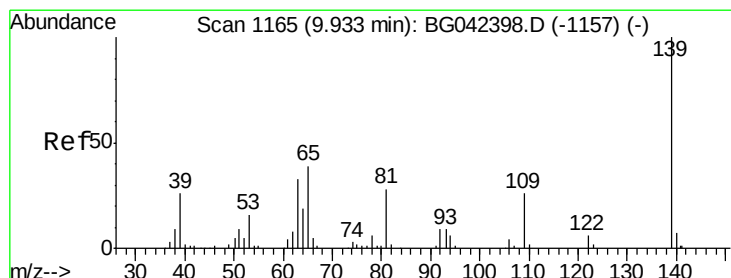
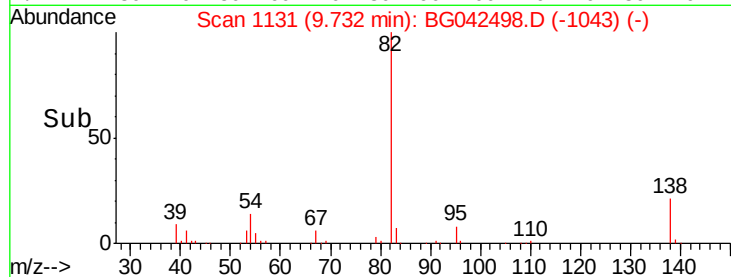
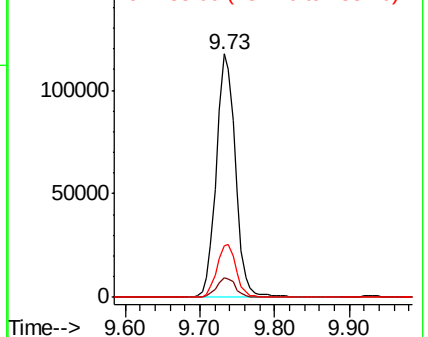
82 100

95 7.8 6.6 9.8

138 21.2 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: 38.586 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

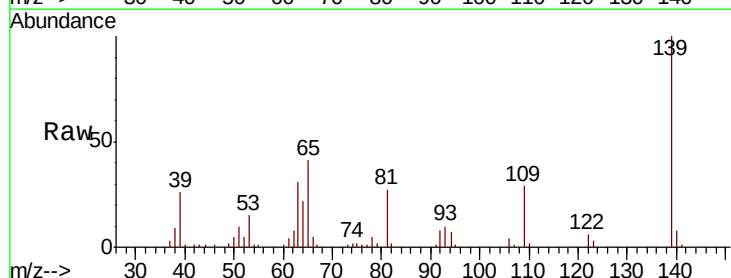
Tgt Ion: 139 Resp: 69469

Ion Ratio Lower Upper

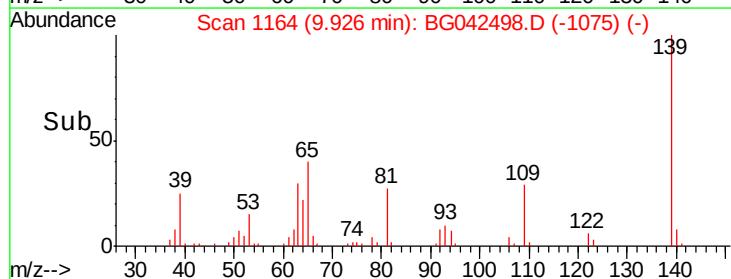
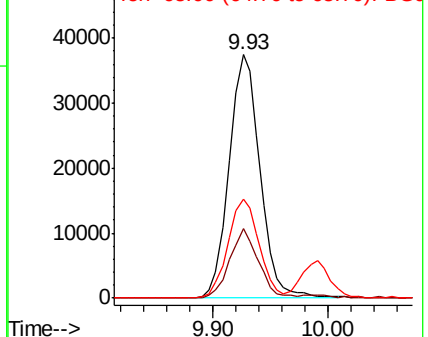
139 100

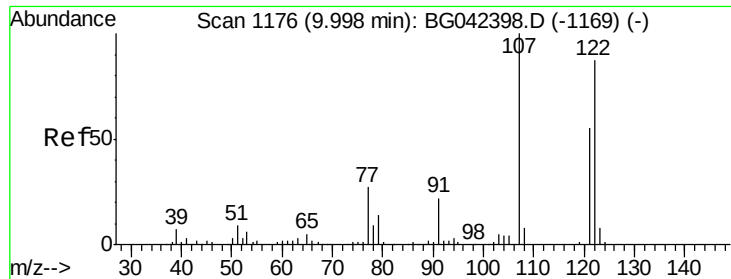
109 28.8 20.5 30.7

65 40.8 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: 43.381 ng

RT: 9.99 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

Instrument :

BNA_G

ClientSampleId :

PB122444BSD

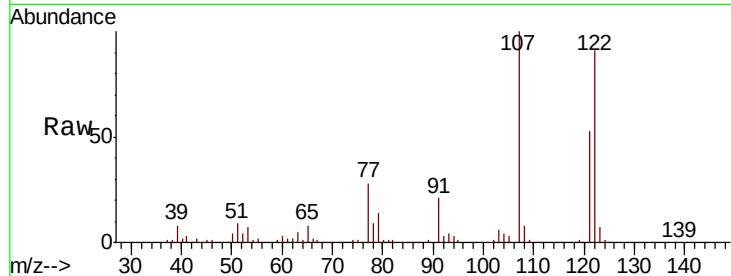
Tgt Ion:122 Resp: 107585

Ion Ratio Lower Upper

122 100

107 110.2 90.8 136.2

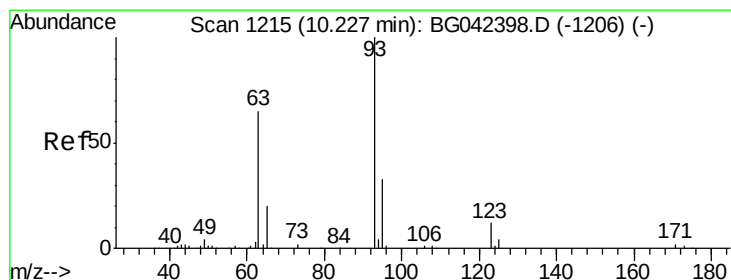
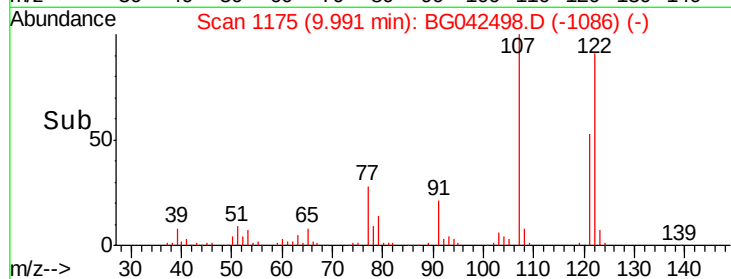
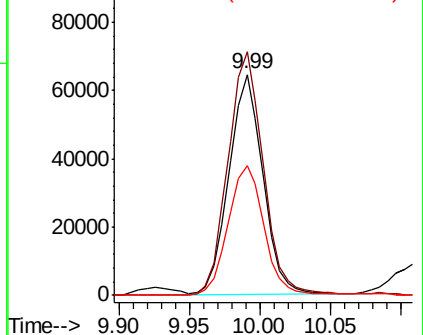
121 58.8 49.6 74.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.834 ng

RT: 10.22 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

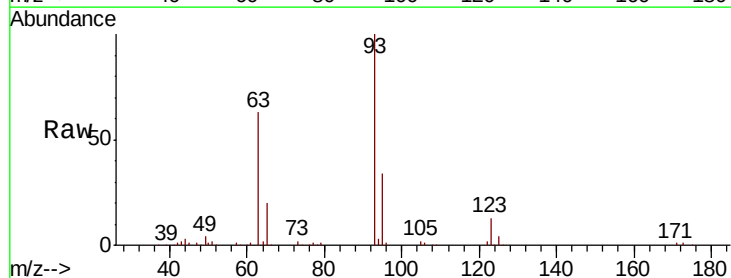
Tgt Ion: 93 Resp: 133513

Ion Ratio Lower Upper

93 100

95 34.2 26.6 40.0

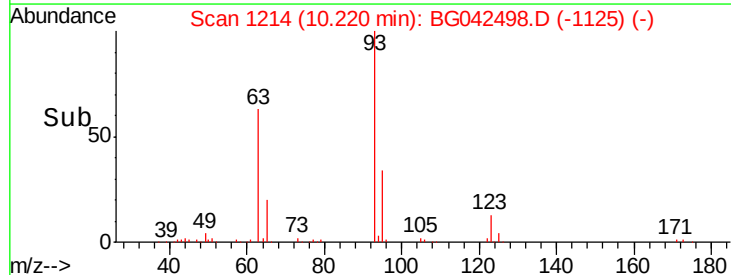
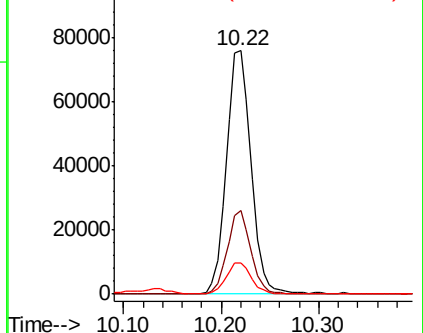
123 12.9 10.1 15.1

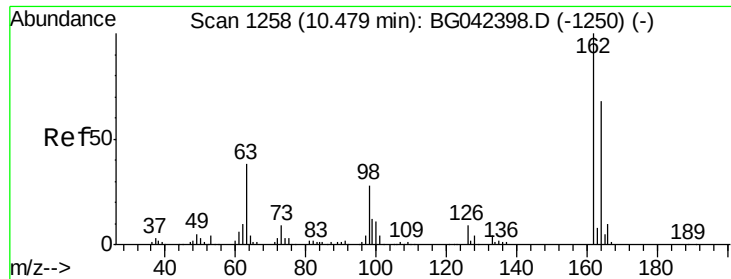


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

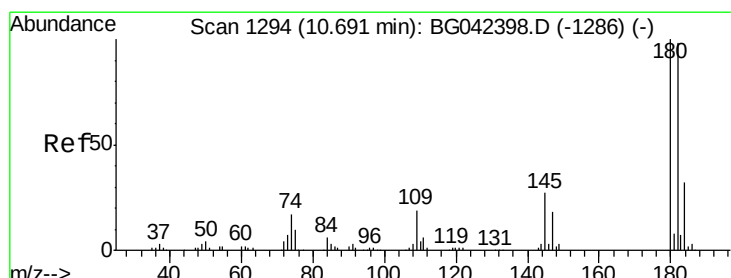
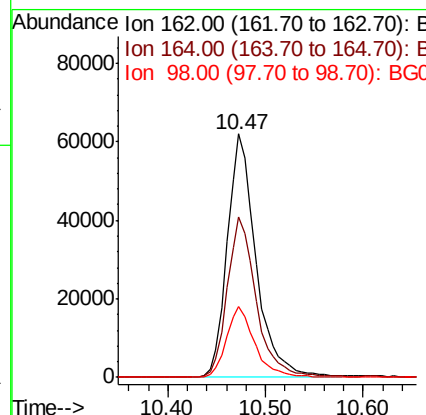
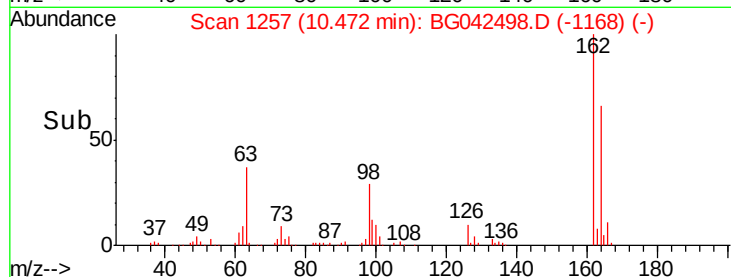
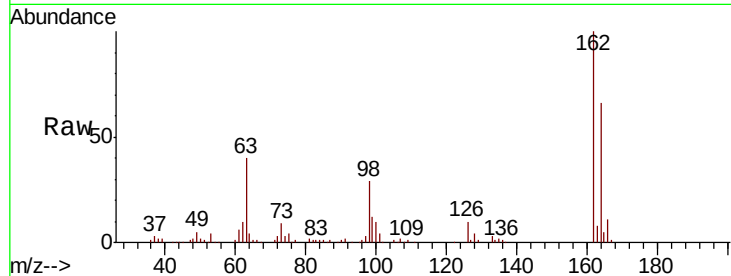




#29
 2,4-Dichlorophenol
 Concen: 39.130 ng
 RT: 10.47 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BG042498.D
 Acq: 26 Aug 2019 13:45

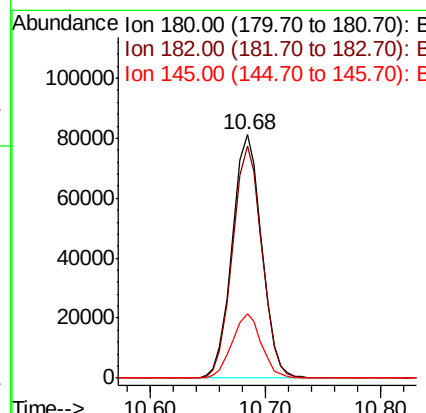
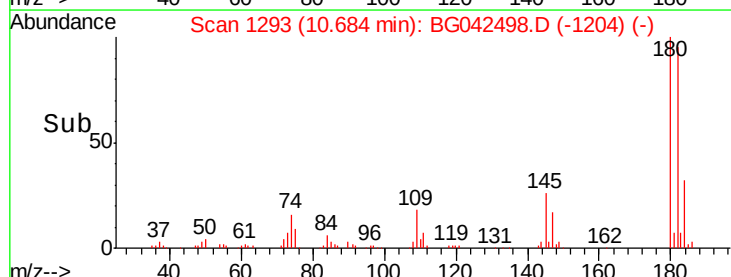
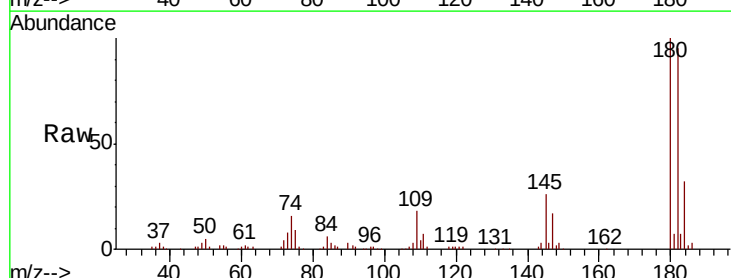
Instrument :
 BNA_G
 ClientSampleId :
 PB122444BSD

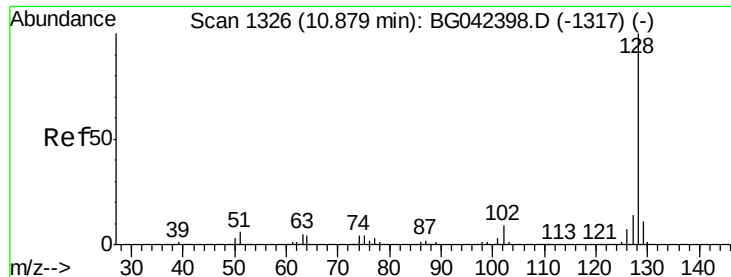
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.8	48.1	88.1
98	29.0	7.6	47.6



#30
 1,2,4-Trichlorobenzene
 Concen: 36.130 ng
 RT: 10.68 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BG042498.D
 Acq: 26 Aug 2019 13:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	78.7	118.1
145	26.2	21.6	32.4

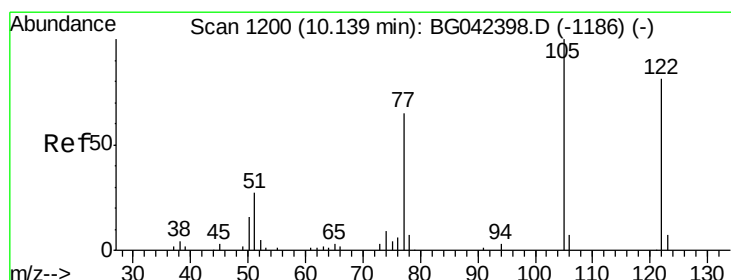
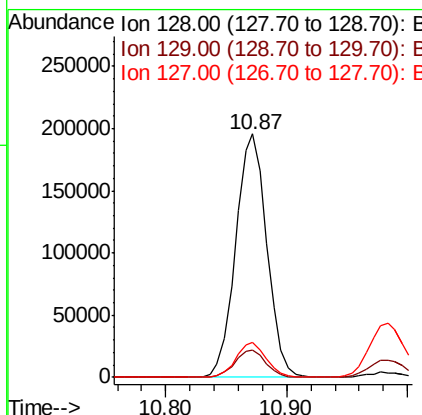
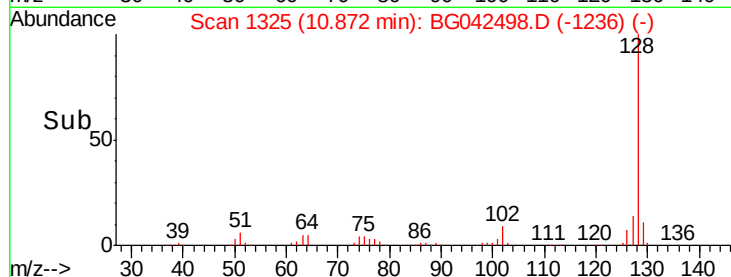
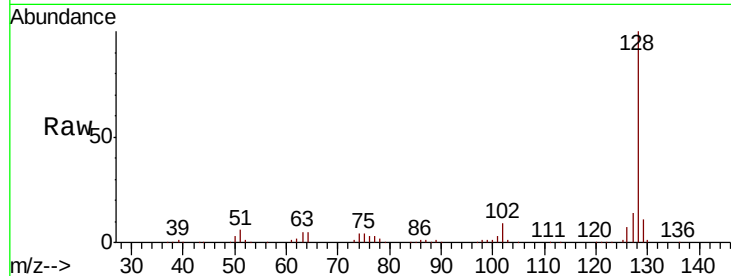




#31
Naphthalene
Concen: 38.462 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042498.D
Acq: 26 Aug 2019 13:45

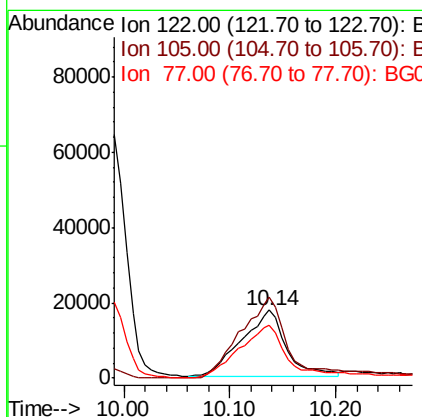
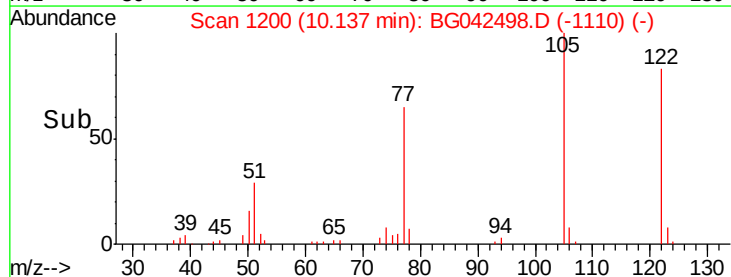
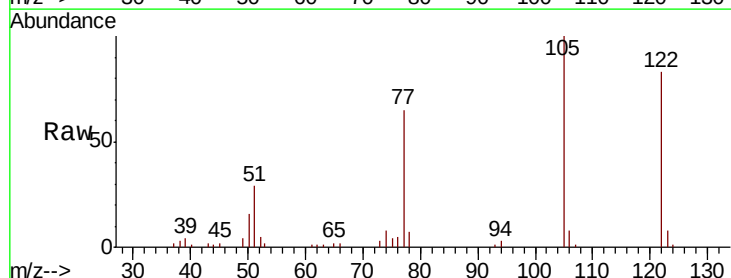
Instrument :
BNA_G
ClientSampleId :
PB122444BSD

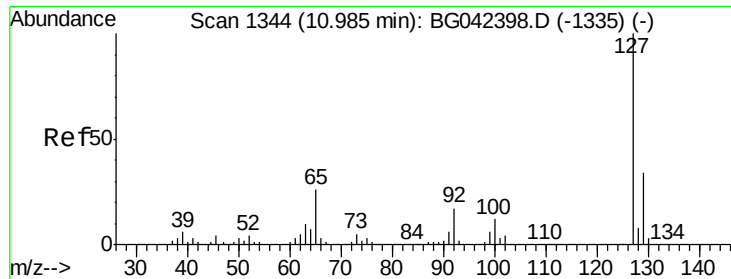
Tgt Ion:128 Resp: 350087
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 14.3 11.4 17.0



#32
Benzoic acid
Concen: 31.430 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BG042498.D
Acq: 26 Aug 2019 13:45

Tgt Ion:122 Resp: 50452
Ion Ratio Lower Upper
122 100
105 120.0 99.6 139.6
77 77.5 59.5 99.5

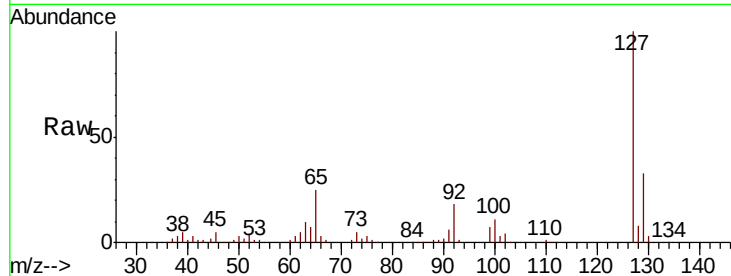




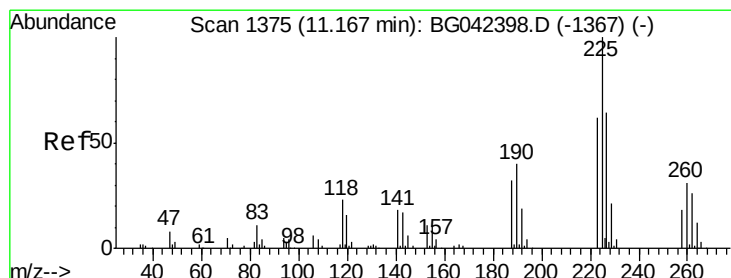
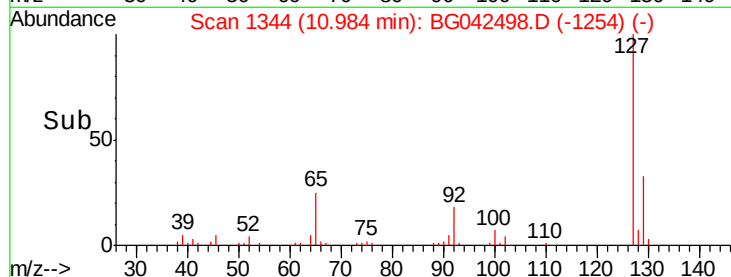
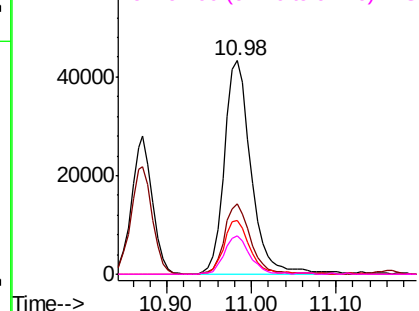
#33
4-Chloroaniline
Concen: 22.611 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG042498.D
Acq: 26 Aug 2019 13:45

Instrument :
BNA_G
ClientSampleId :
PB122444BSD

Tgt Ion:	127	Resp:	95008
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.8	40.2
65	25.0	20.7	31.1
92	18.2	13.6	20.4

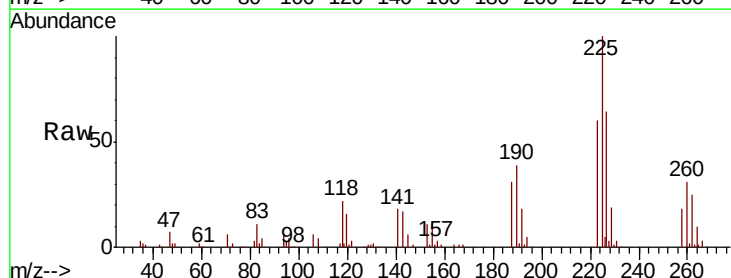


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

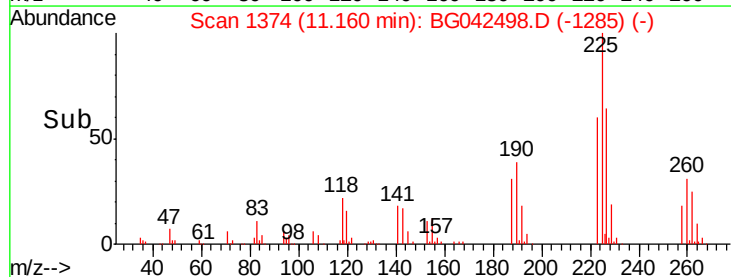
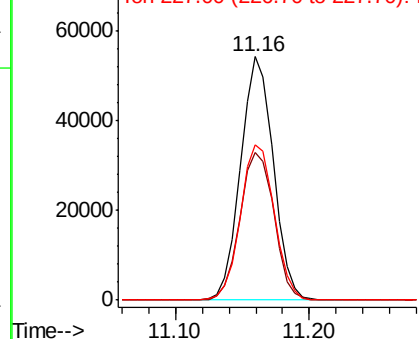


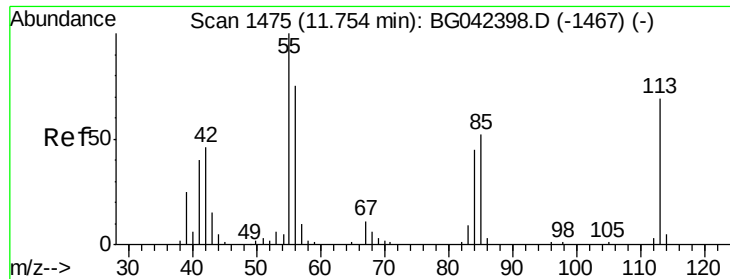
#34
Hexachlorobutadiene
Concen: 34.364 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG042498.D
Acq: 26 Aug 2019 13:45

Tgt Ion:	225	Resp:	91980
Ion	Ratio	Lower	Upper
225	100		
223	60.4	49.8	74.6
227	63.9	50.9	76.3



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

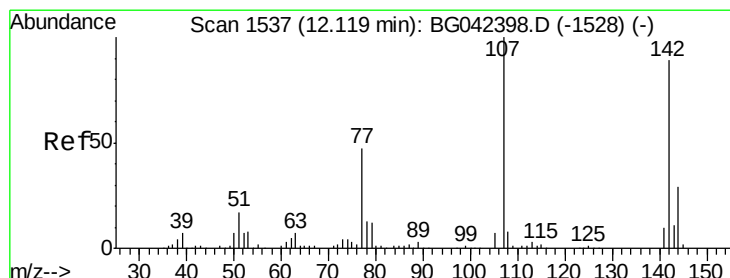
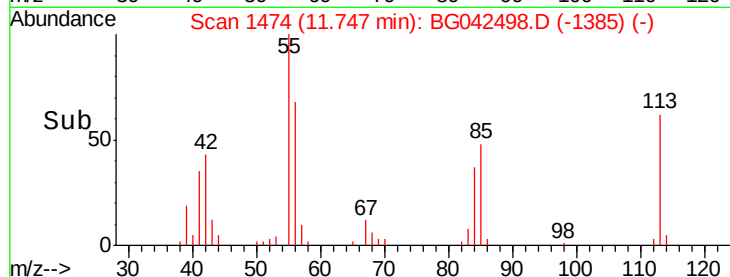
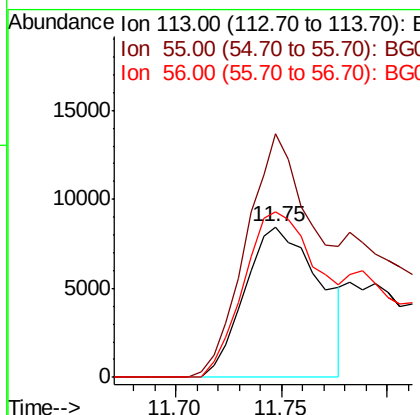
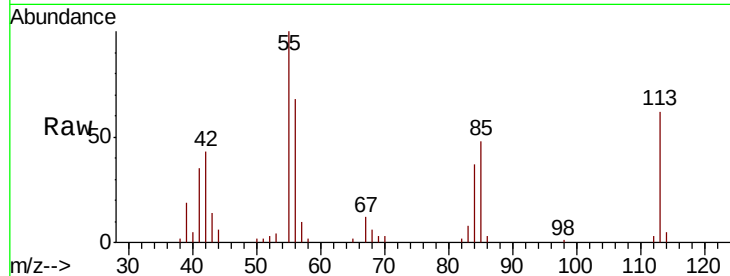




#35
 Caprolactam
 Concen: 19.347 ng
 RT: 11.75 min Scan# 1474
 Delta R.T. -0.01 min
 Lab File: BG042498.D
 Acq: 26 Aug 2019 13:45

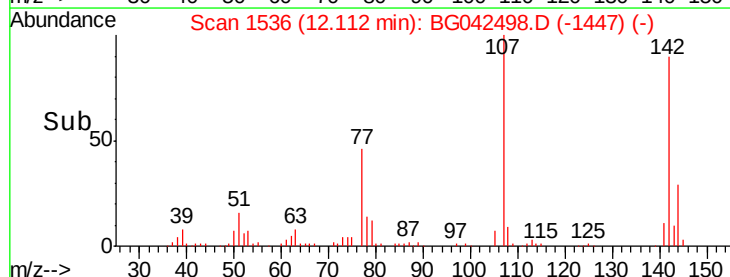
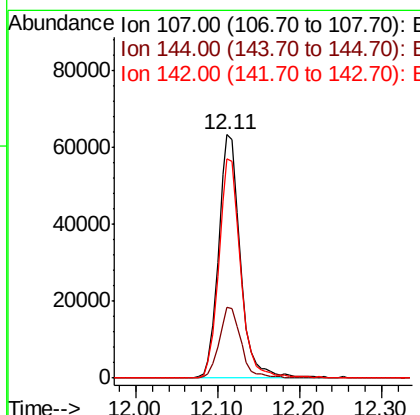
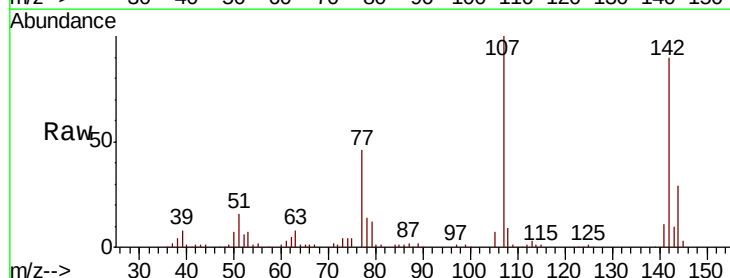
Instrument :
 BNA_G
 ClientSampleId :
 PB122444BSD

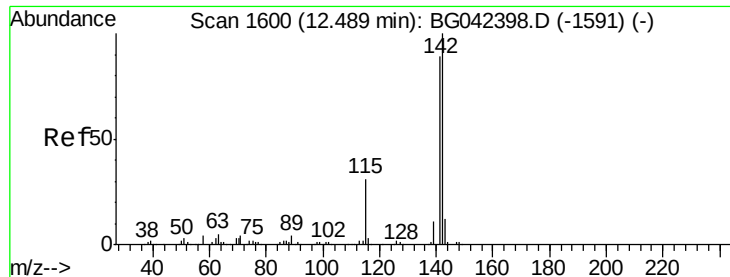
Tgt Ion:113 Resp: 20947
 Ion Ratio Lower Upper
 113 100
 55 162.0 124.6 164.6
 56 110.0 88.3 128.3



#36
 4-Chloro-3-methylphenol
 Concen: 38.117 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BG042498.D
 Acq: 26 Aug 2019 13:45

Tgt Ion:107 Resp: 117408
 Ion Ratio Lower Upper
 107 100
 144 29.0 23.6 35.4
 142 90.1 71.0 106.4

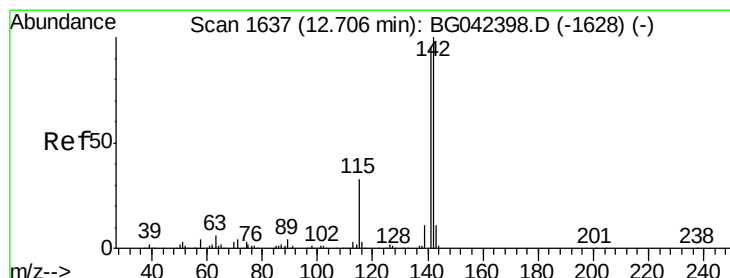
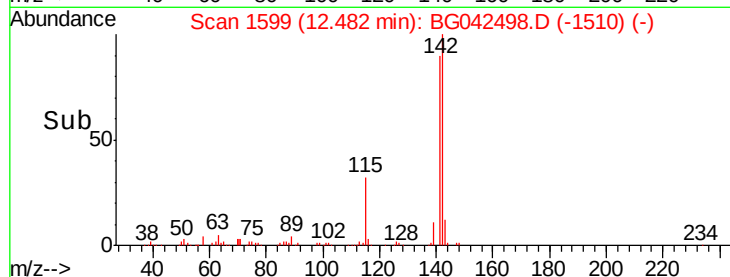
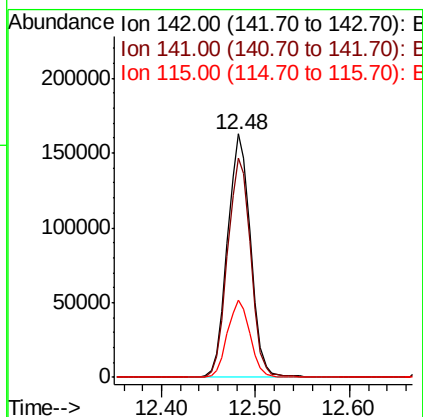
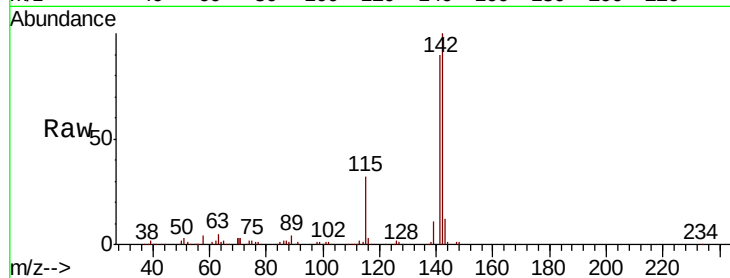




#37
 2-Methylnaphthalene
 Concen: 37.835 ng
 RT: 12.48 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BG042498.D
 Acq: 26 Aug 2019 13:45

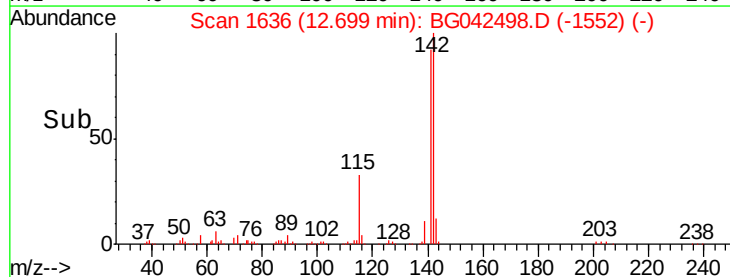
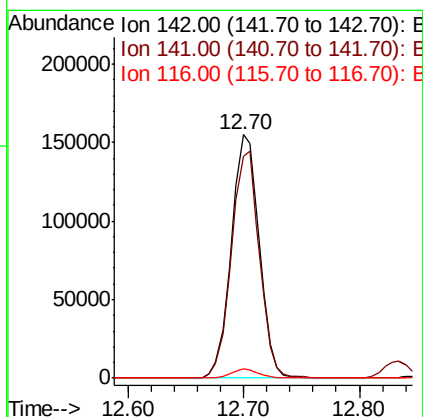
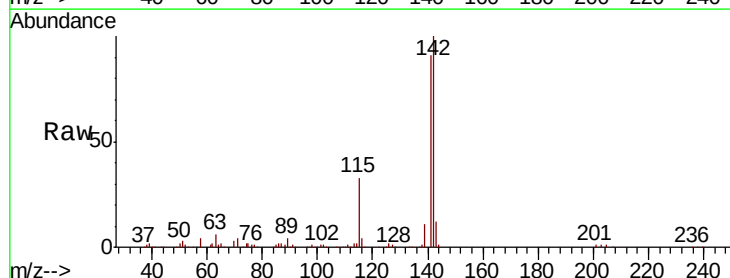
Instrument :
 BNA_G
 ClientSampleId :
 PB122444BSD

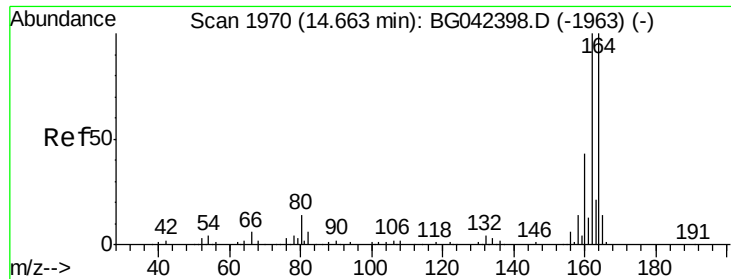
Tgt Ion:142 Resp: 276522
 Ion Ratio Lower Upper
 142 100
 141 90.0 71.4 107.2
 115 31.7 25.2 37.8



#38
 1-Methylnaphthalene
 Concen: 37.447 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BG042498.D
 Acq: 26 Aug 2019 13:45

Tgt Ion:142 Resp: 259964
 Ion Ratio Lower Upper
 142 100
 141 91.4 76.2 114.2
 116 3.7 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

Instrument :

BNA_G

ClientSampleId :

PB122444BSD

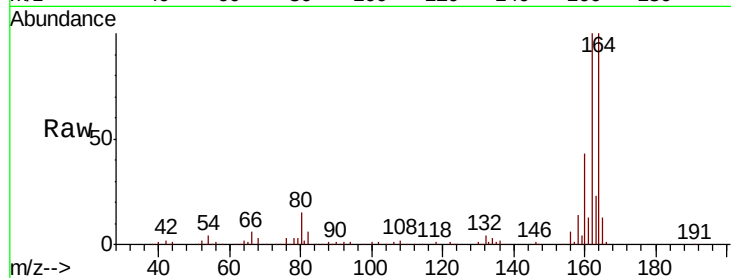
Tgt Ion:164 Resp: 137547

Ion Ratio Lower Upper

164 100

162 100.3 79.9 119.9

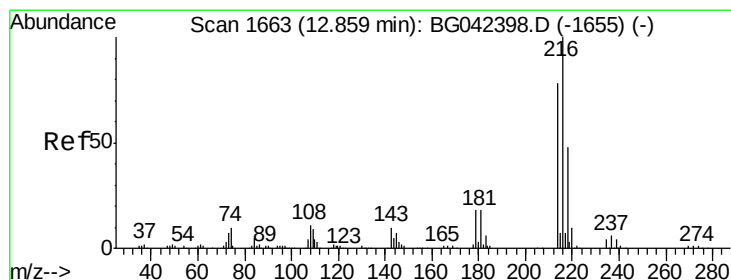
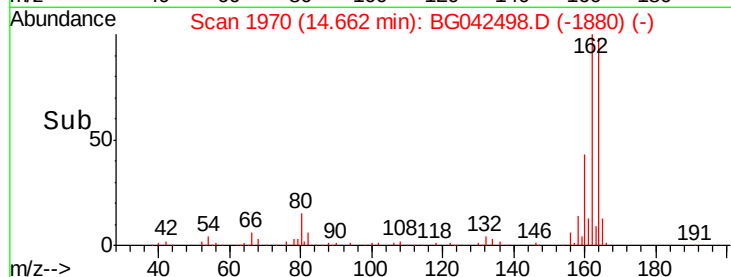
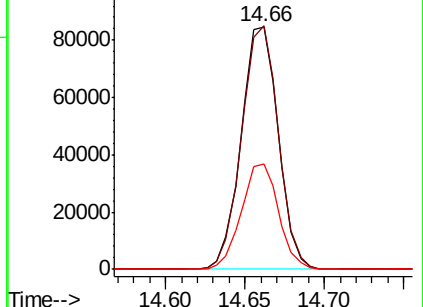
160 43.6 34.3 51.5



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: 39.240 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

Tgt Ion:216 Resp: 173326

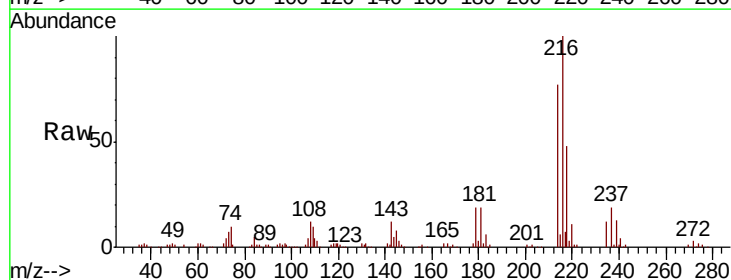
Ion Ratio Lower Upper

216 100

214 77.1 61.4 92.2

179 18.6 15.1 22.7

108 13.4 9.4 14.0

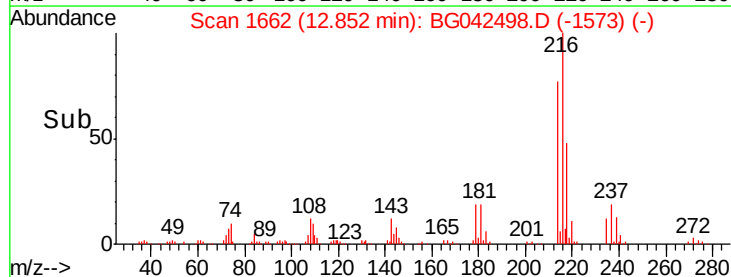
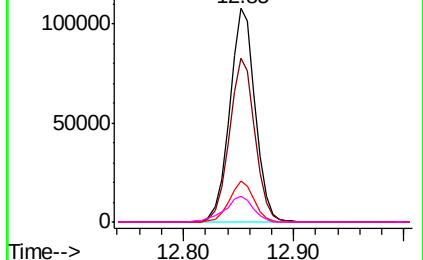


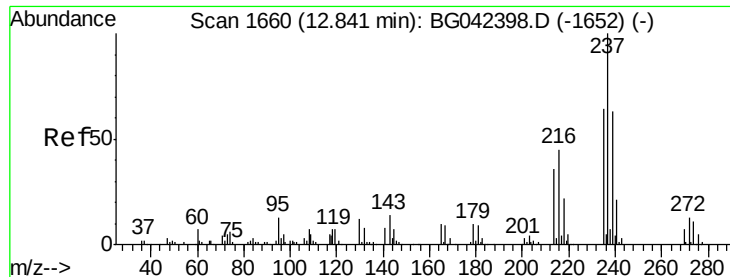
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 78.938 ng

RT: 12.83 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

Instrument :

BNA_G

ClientSampleId :

PB122444BSD

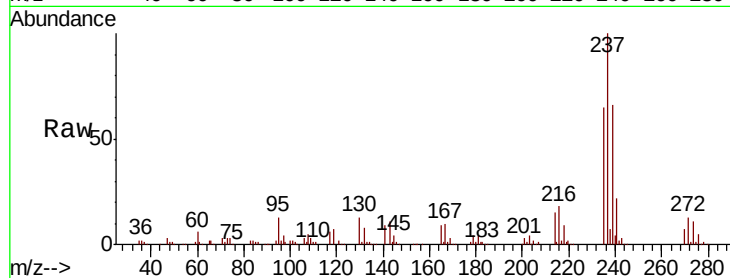
Tgt Ion: 237 Resp: 183157

Ion Ratio Lower Upper

237 100

235 64.5 43.7 83.7

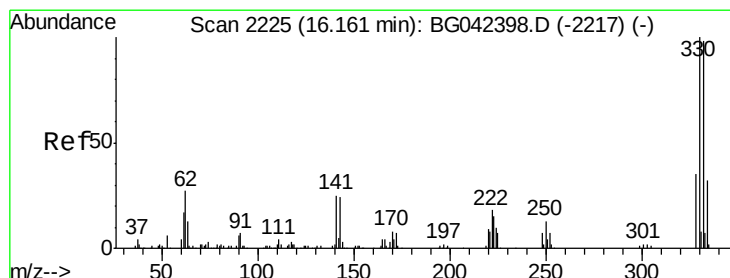
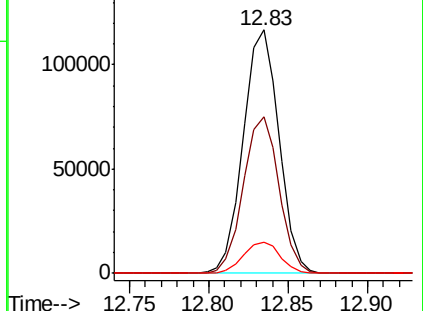
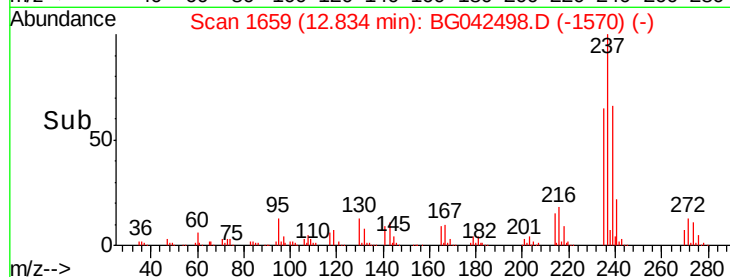
272 12.7 0.0 33.3



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: 95.018 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

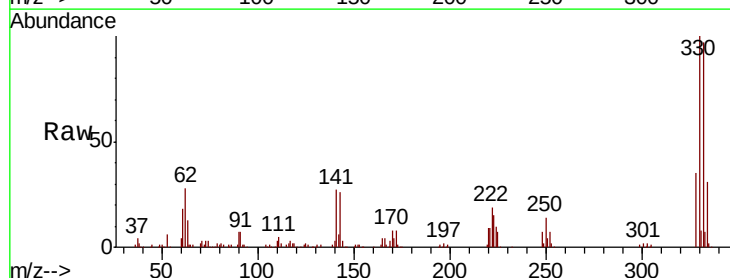
Tgt Ion: 330 Resp: 185760

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.0

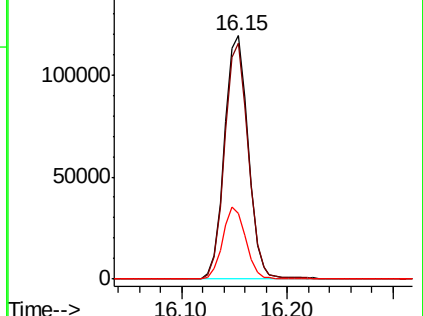
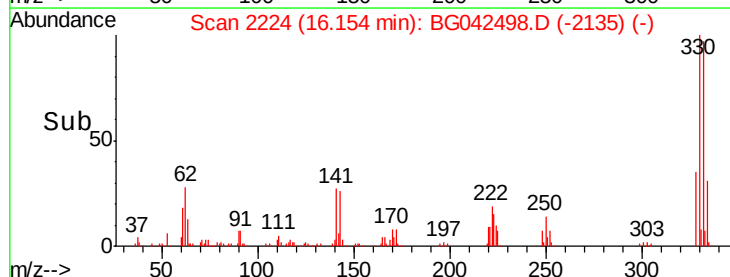
141 28.9 21.4 32.0

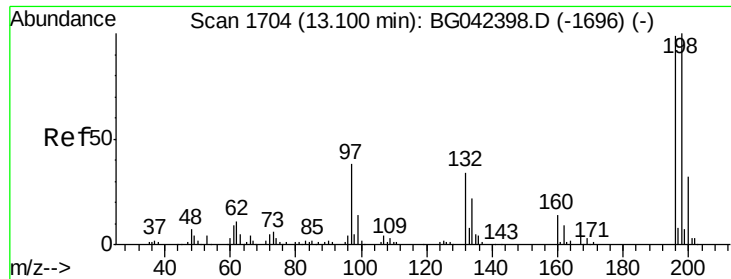


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

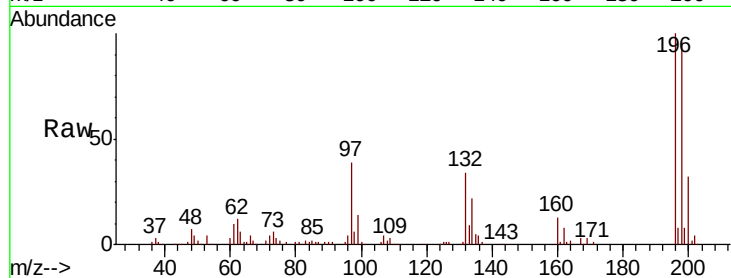




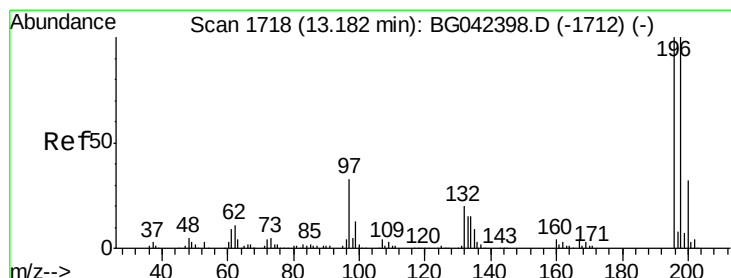
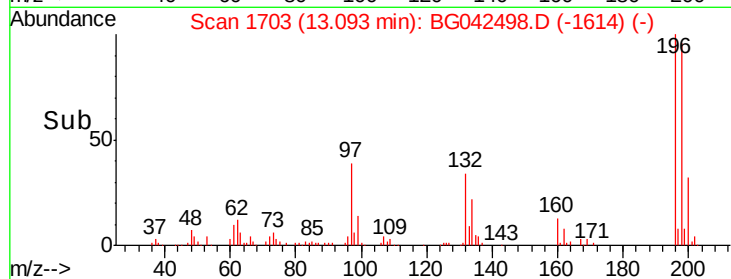
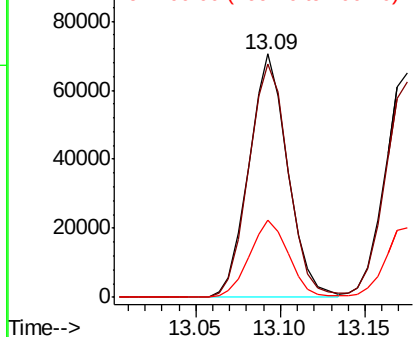
#43
 2,4,6-Trichlorophenol
 Concen: 37.749 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042498.D
 Acq: 26 Aug 2019 13:45

Instrument :
 BNA_G
 ClientSampleId :
 PB122444BSD

Tgt Ion:196 Resp: 112707
 Ion Ratio Lower Upper
 196 100
 198 95.8 80.7 121.1
 200 31.5 25.7 38.5



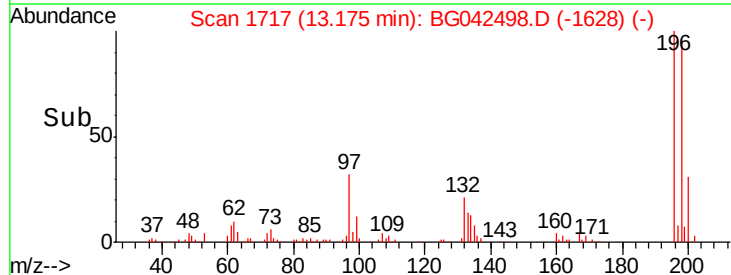
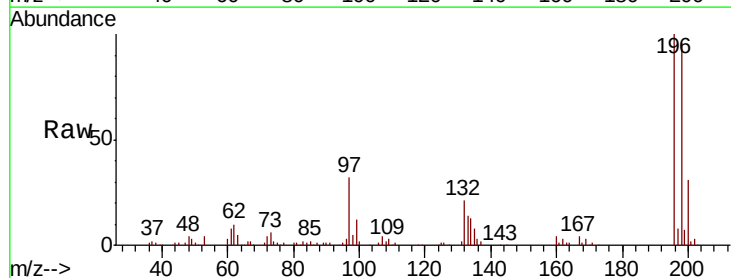
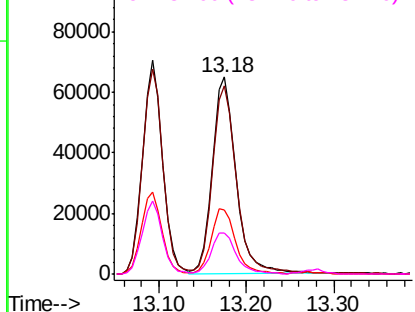
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

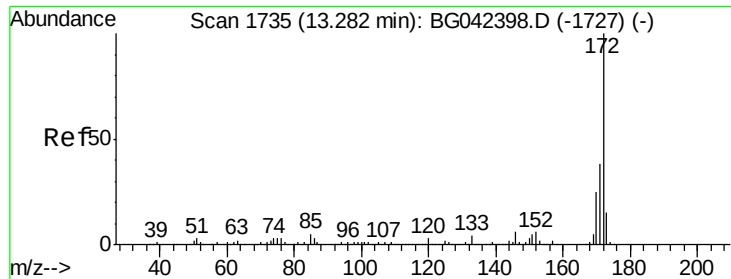


#44
 2,4,5-Trichlorophenol
 Concen: 39.440 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG042498.D
 Acq: 26 Aug 2019 13:45

Tgt Ion:196 Resp: 122028
 Ion Ratio Lower Upper
 196 100
 198 95.9 80.2 120.4
 97 32.3 26.3 39.5
 132 21.2 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

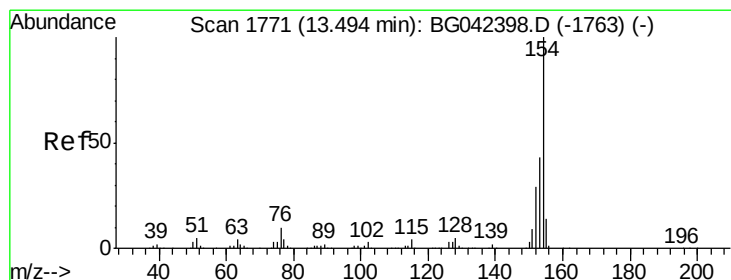
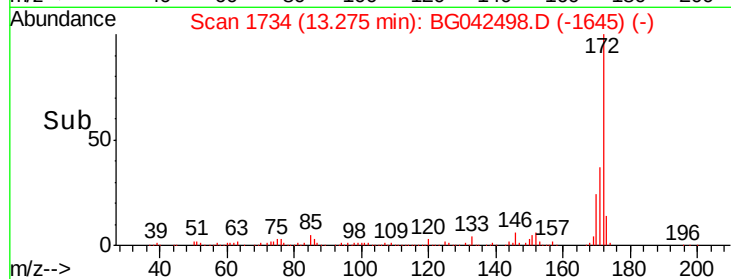
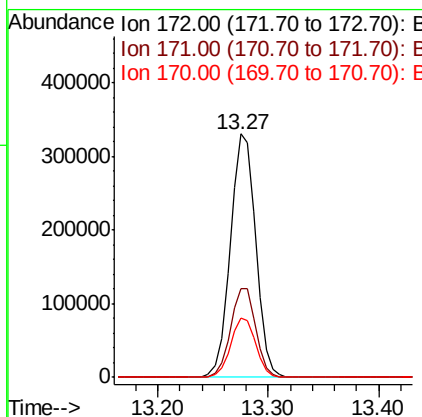
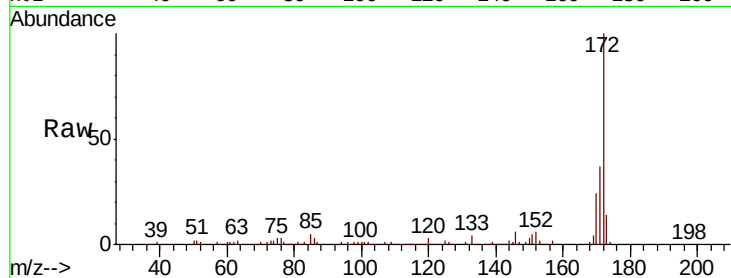




#45
 2-Fluorobiphenyl
 Concen: 65.488 ng
 RT: 13.27 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042498.D
 Acq: 26 Aug 2019 13:45

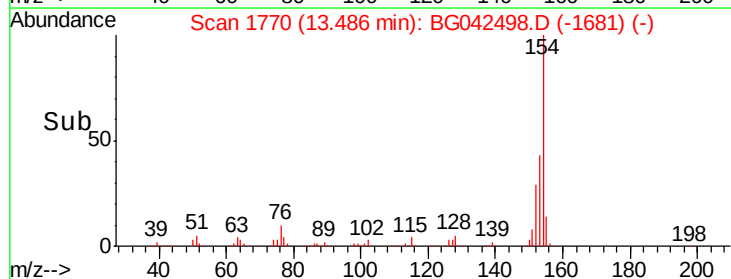
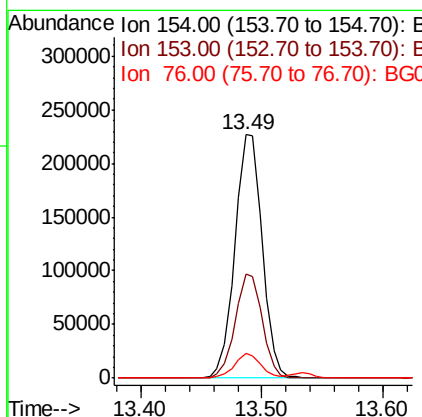
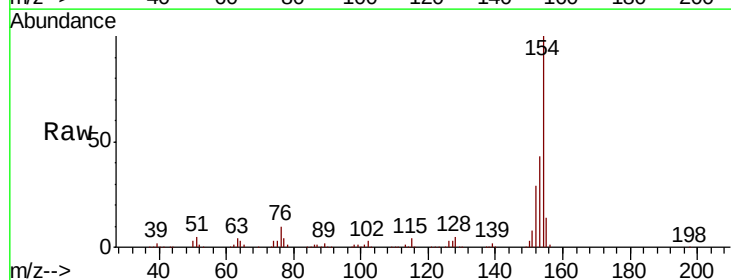
Instrument :
 BNA_G
 ClientSampleId :
 PB122444BSD

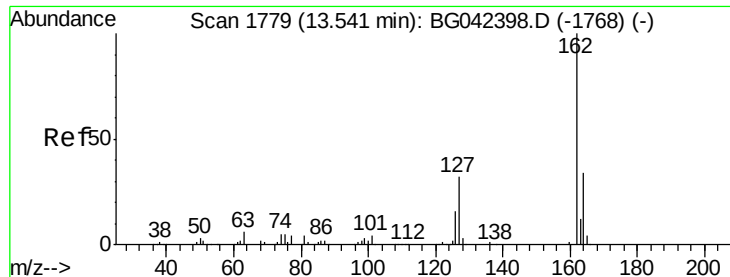
Tgt Ion:172 Resp: 532593
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.5 45.7
 170 24.3 20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 40.179 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG042498.D
 Acq: 26 Aug 2019 13:45

Tgt Ion:154 Resp: 357237
 Ion Ratio Lower Upper
 154 100
 153 42.9 23.0 63.0
 76 10.2 0.0 29.6

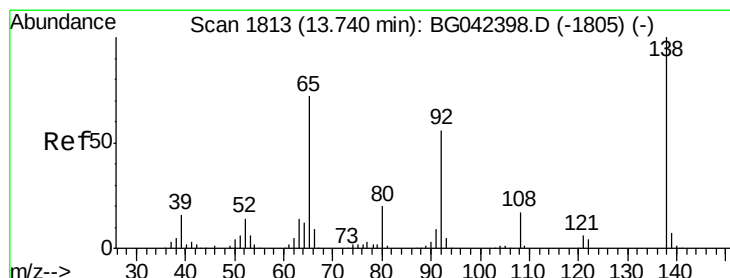
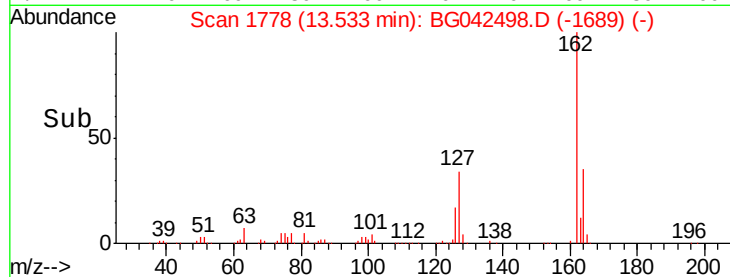
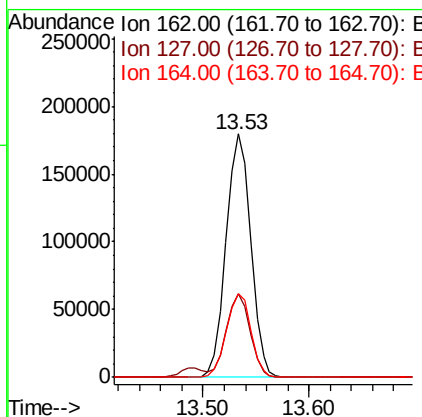
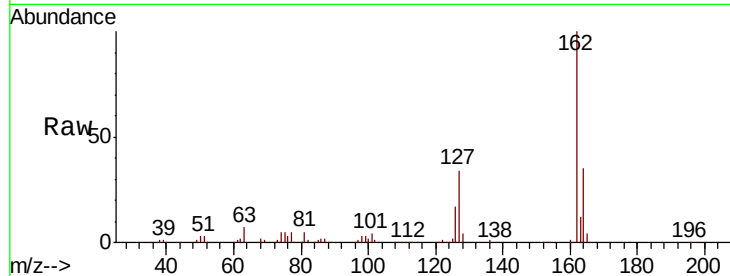




#47
 2-Chloronaphthalene
 Concen: 37.881 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG042498.D
 Acq: 26 Aug 2019 13:45

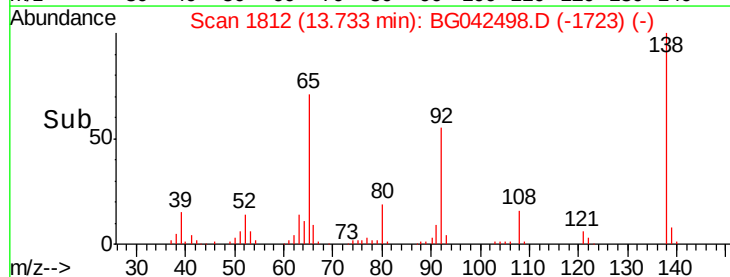
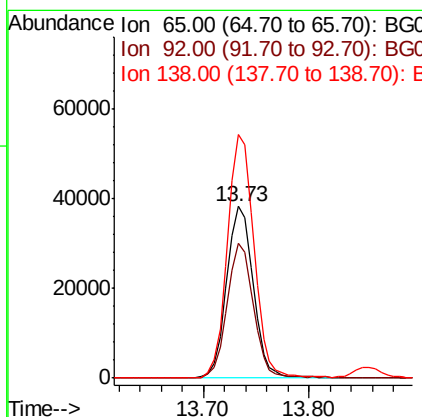
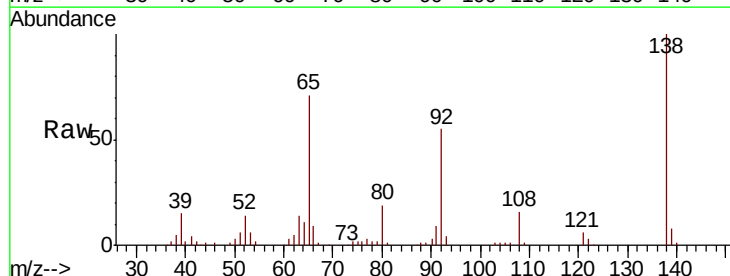
Instrument :
 BNA_G
 ClientSampleId :
 PB122444BSD

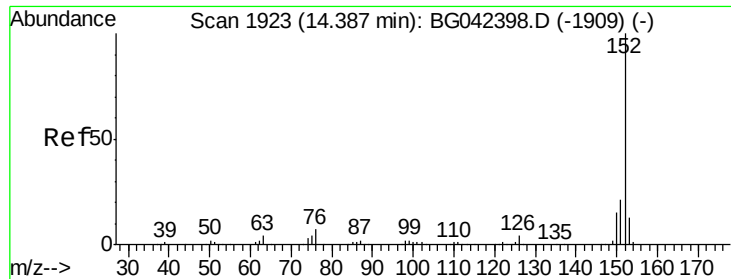
Tgt Ion:	162	Resp:	290415
Ion Ratio	Lower	Upper	
162	100		
127	34.4	26.0	39.0
164	34.6	27.4	41.0



#48
 2-Nitroaniline
 Concen: 36.320 ng
 RT: 13.73 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BG042498.D
 Acq: 26 Aug 2019 13:45

Tgt Ion:	65	Resp:	67146
Ion Ratio	Lower	Upper	
65	100		
92	78.6	61.8	92.6
138	141.8	111.0	166.6





#49

Acenaphthylene

Concen: 39.778 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

Instrument :

BNA_G

ClientSampleId :

PB122444BSD

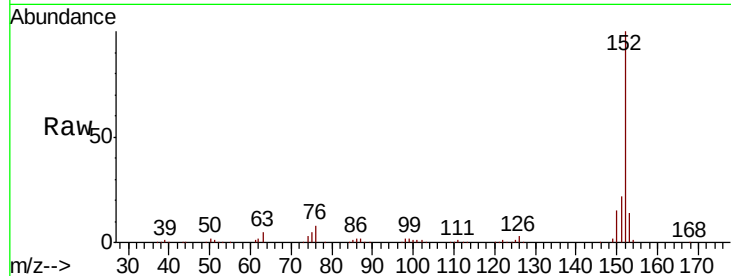
Tgt Ion:152 Resp: 458797

Ion Ratio Lower Upper

152 100

151 21.7 17.0 25.4

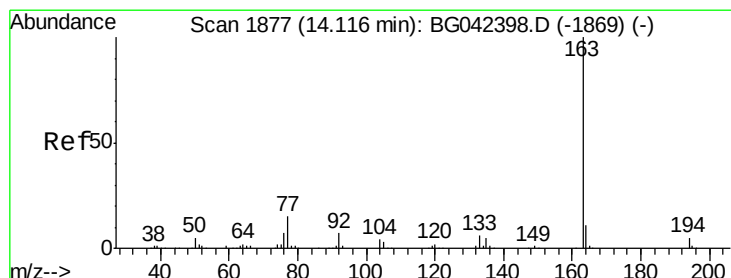
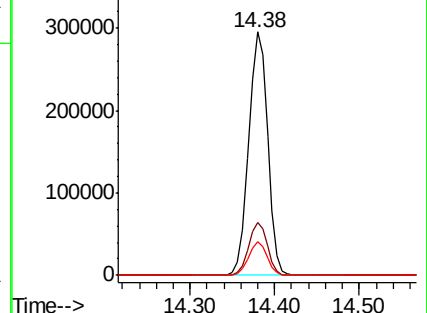
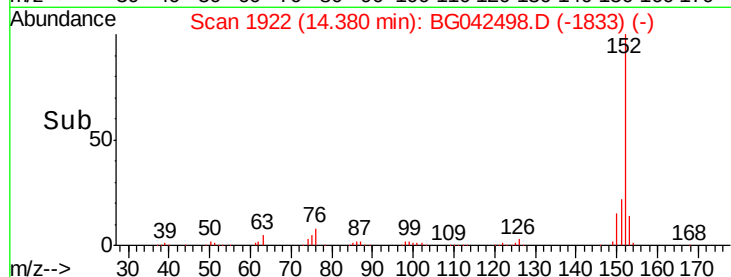
153 14.1 10.6 16.0



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: 37.009 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

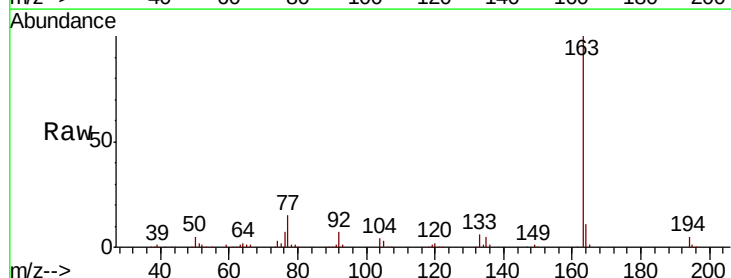
Tgt Ion:163 Resp: 367298

Ion Ratio Lower Upper

163 100

194 5.2 4.2 6.2

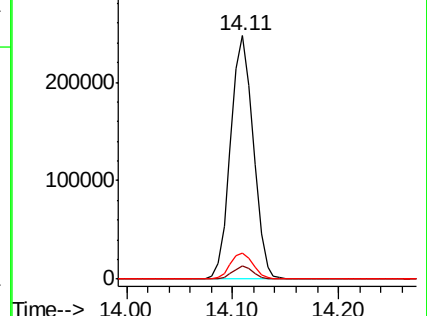
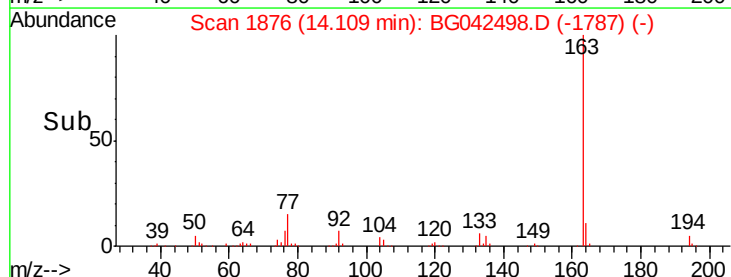
164 10.9 8.8 13.2

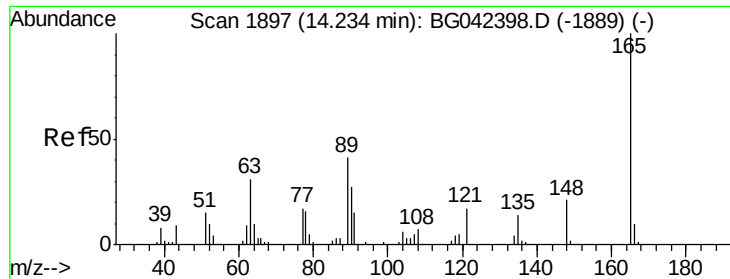


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.100 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

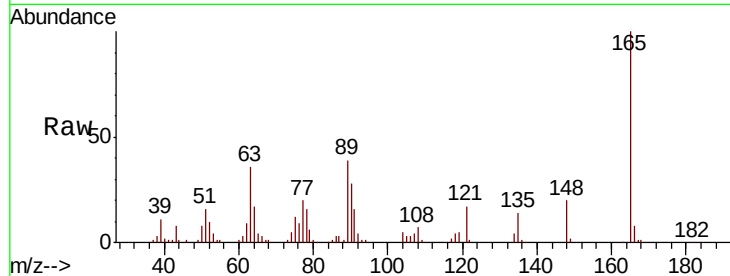
Instrument :

BNA_G

ClientSampleId :

PB122444BSD

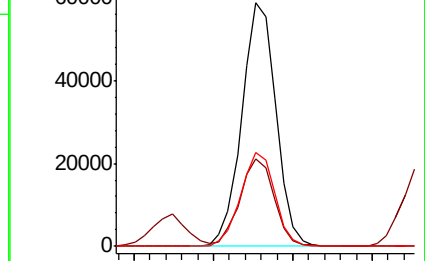
Tgt Ion:	165	Resp:	87647
Ion Ratio	Lower	Upper	
165	100		
63	36.0	30.6	45.8
89	38.6	32.6	49.0



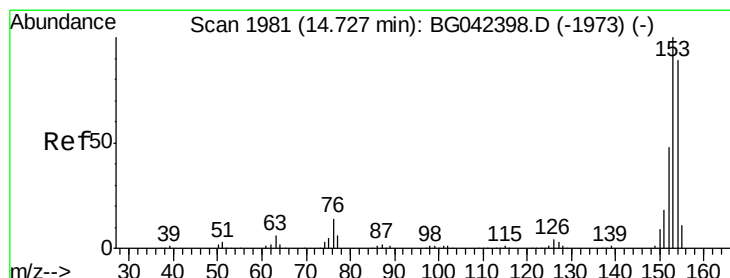
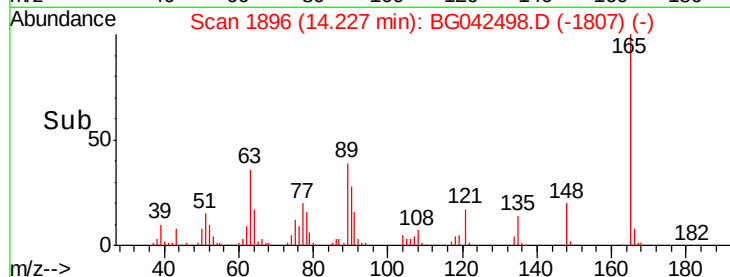
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



Time--> 14.15 14.20 14.25 14.30



#52

Acenaphthene

Concen: 38.392 ng

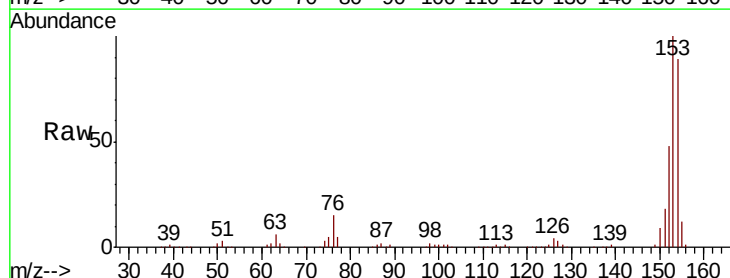
RT: 14.72 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

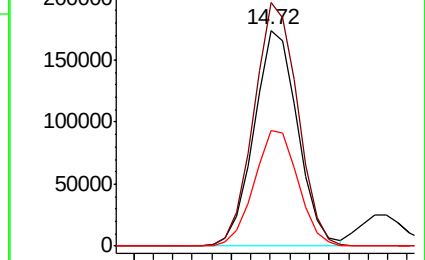
Tgt Ion:	154	Resp:	268883
Ion Ratio	Lower	Upper	
154	100		
153	112.7	90.2	135.4
152	53.6	43.2	64.8



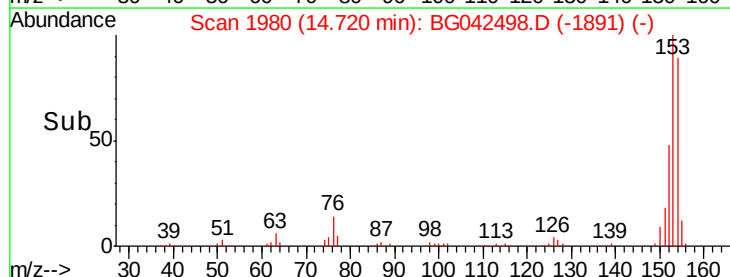
Abundance Ion 154.00 (153.70 to 154.70): E

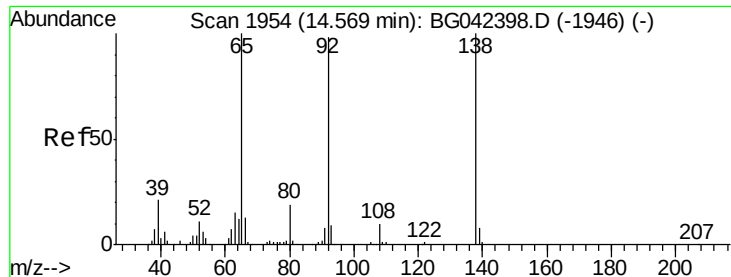
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time--> 14.65 14.70 14.75





#53

3-Nitroaniline

Concen: 26.081 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

Instrument :

BNA_G

ClientSampleId :

PB122444BSD

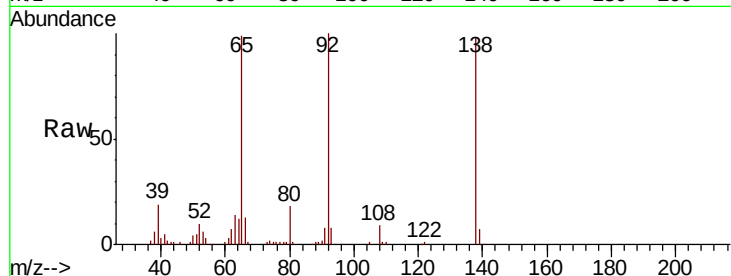
Tgt Ion:138 Resp: 60003

Ion Ratio Lower Upper

138 100

108 9.1 8.3 12.5

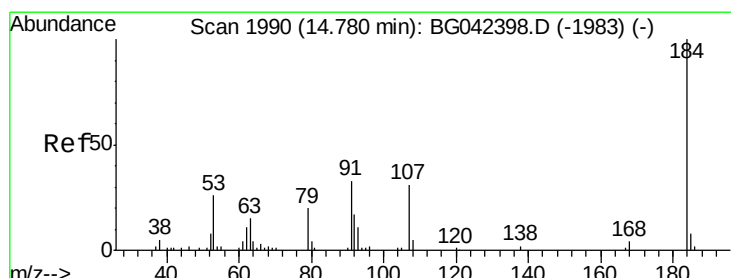
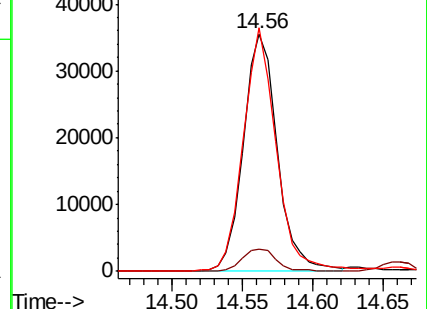
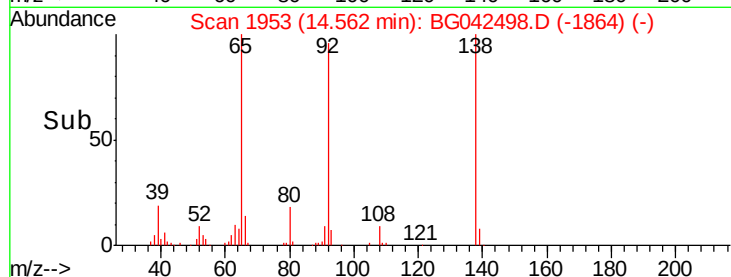
92 102.5 78.2 117.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 62.570 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

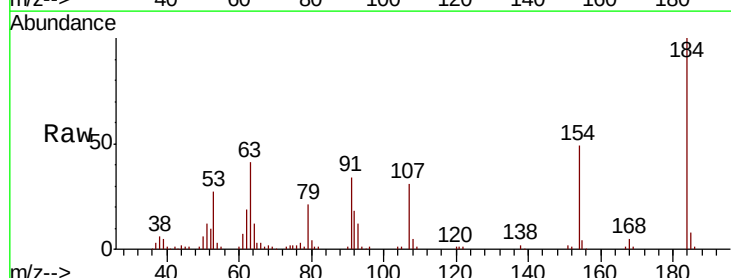
Tgt Ion:184 Resp: 94732

Ion Ratio Lower Upper

184 100

63 41.2 31.7 47.5

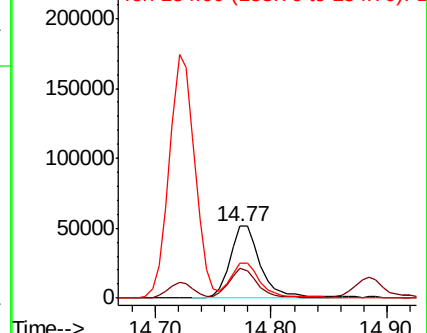
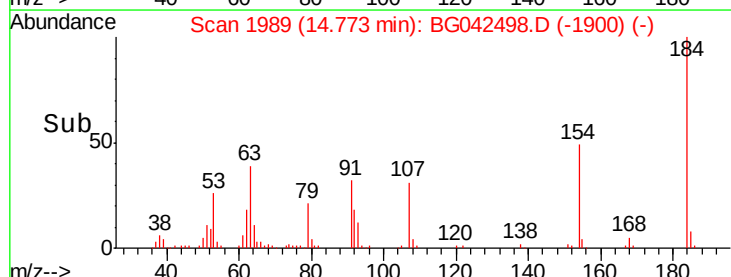
154 48.7 42.0 63.0

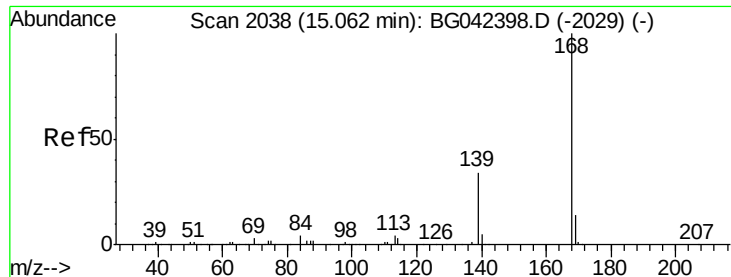


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

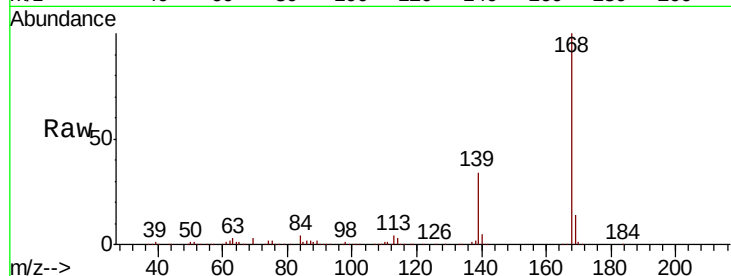




#55
Dibenzofuran
Concen: 38.944 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG042498.D
Acq: 26 Aug 2019 13:45

Instrument :
BNA_G
ClientSampleId :
PB122444BSD

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.4	27.2	40.8
169	13.9	11.5	17.3

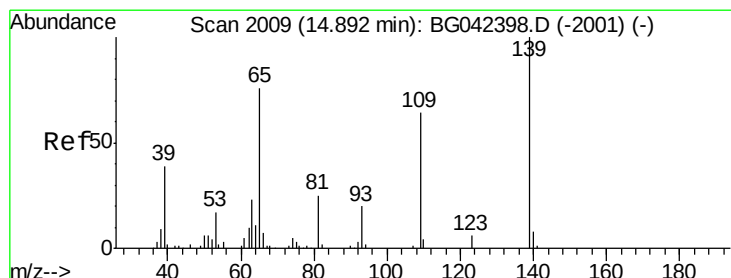
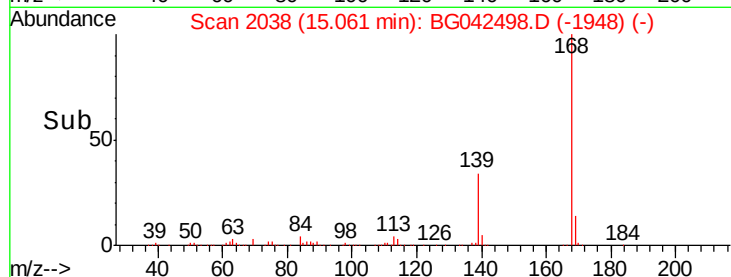


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

300000
200000
100000
0

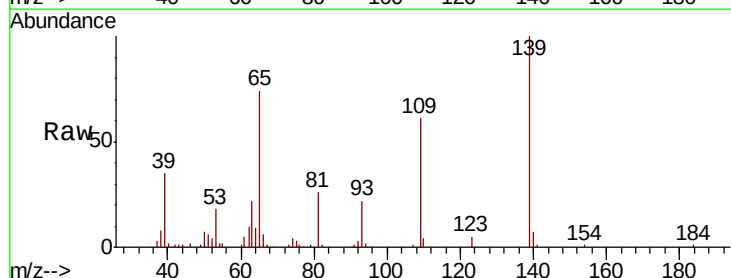
15.06

Time-->



#56
4-Nitrophenol
Concen: 81.591 ng
RT: 14.88 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG042498.D
Acq: 26 Aug 2019 13:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	60.6	43.9	83.9
65	74.2	56.3	96.3

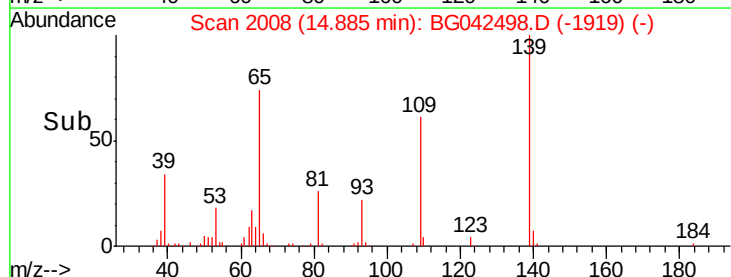


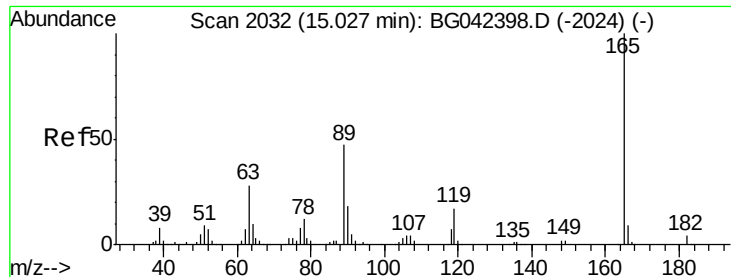
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

120000
100000
80000
60000
40000
20000
0

14.88

Time-->

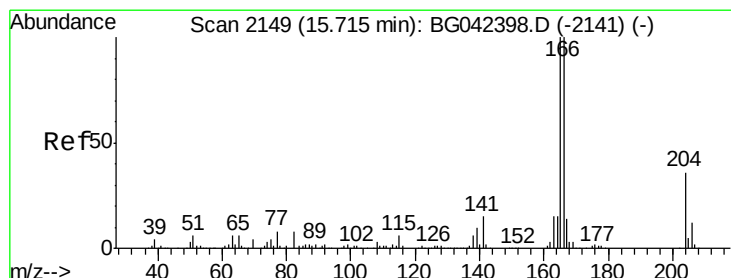
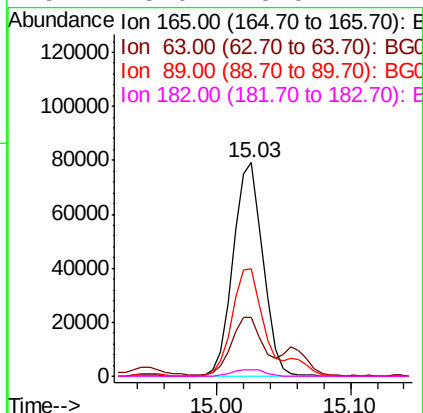
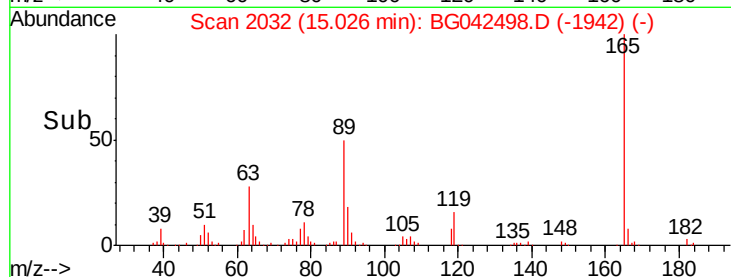
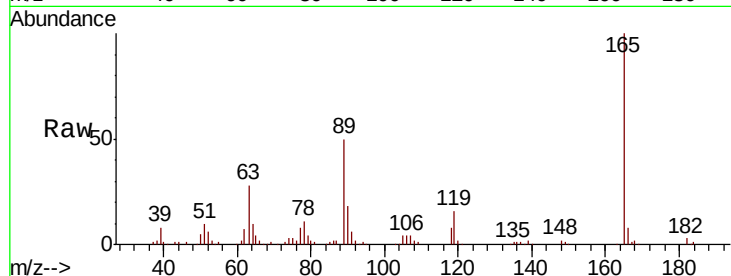




#57
2,4-Dinitrotoluene
Concen: 37.309 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG042498.D
Acq: 26 Aug 2019 13:45

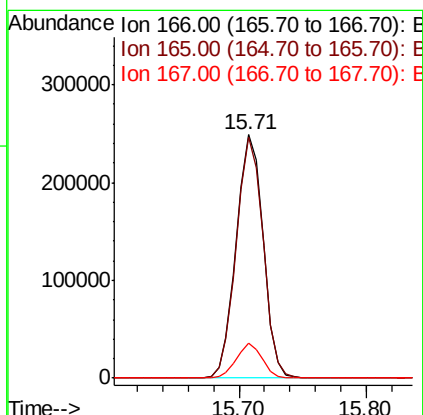
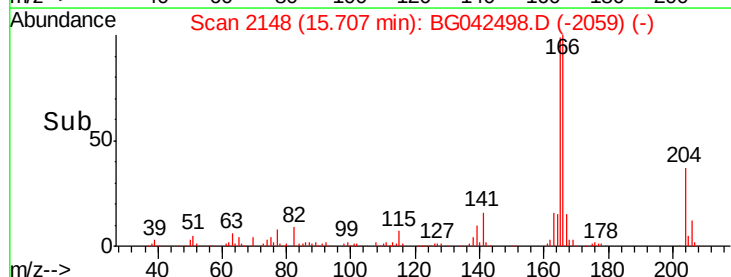
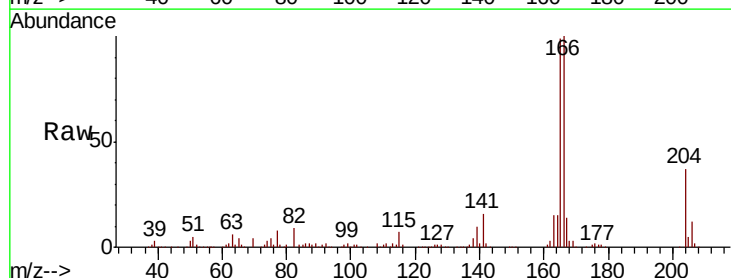
Instrument :
BNA_G
ClientSampleId :
PB122444BSD

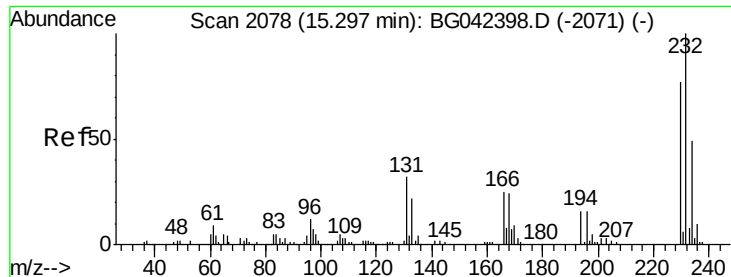
Tgt Ion:	165	Resp:	122901
Ion	Ratio	Lower	Upper
165	100		
63	27.6	22.5	33.7
89	50.3	37.8	56.6
182	3.0	3.0	4.4



#58
Fluorene
Concen: 38.684 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG042498.D
Acq: 26 Aug 2019 13:45

Tgt Ion:	166	Resp:	366600
Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.7	119.5
167	14.4	10.9	16.3

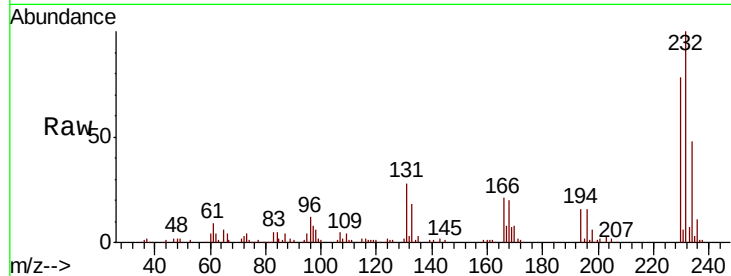




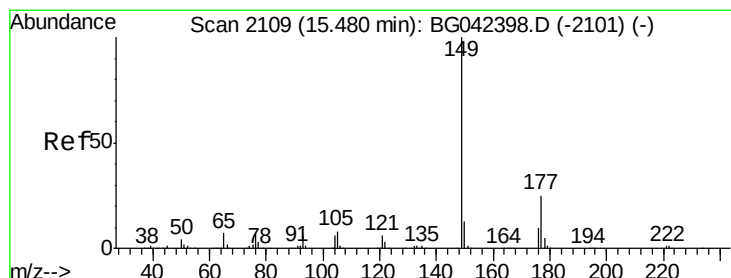
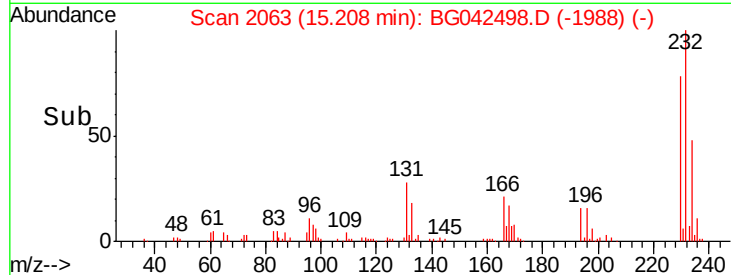
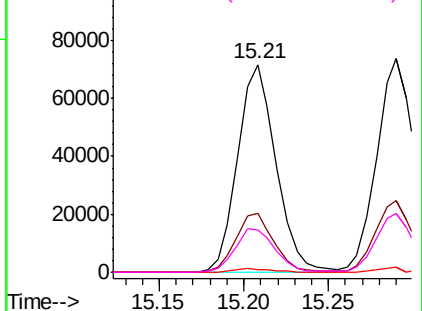
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.015 ng
 RT: 15.21 min Scan# 2063
 Delta R.T. -0.09 min
 Lab File: BG042498.D
 Acq: 26 Aug 2019 13:45

Instrument :
 BNA_G
 ClientSampleId :
 PB122444BSD

Tgt Ion:	232	Resp:	113256
Ion	Ratio	Lower	Upper
232	100		
131	28.3	22.9	34.3
130	1.6	1.4	2.0
166	22.0	17.0	25.4

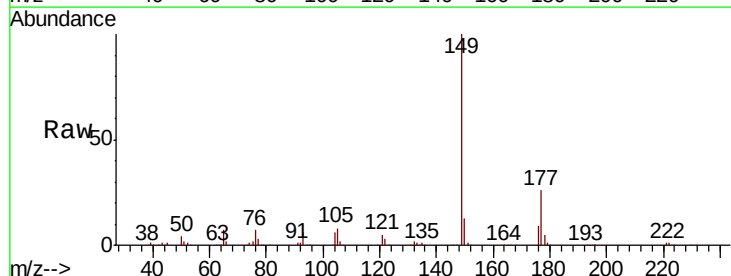


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

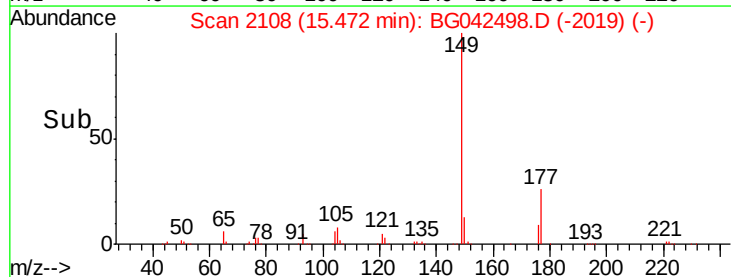
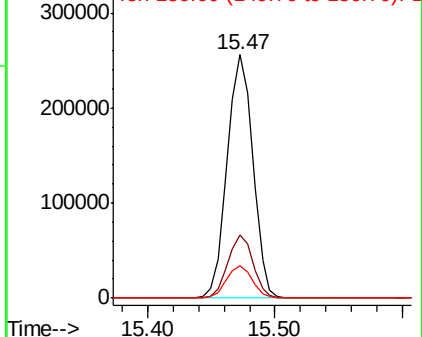


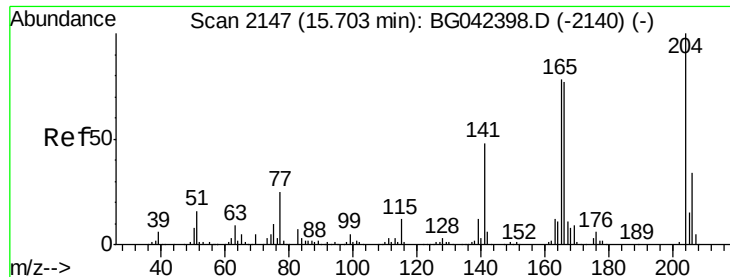
#60
 Diethylphthalate
 Concen: 36.878 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BG042498.D
 Acq: 26 Aug 2019 13:45

Tgt Ion:	149	Resp:	357786
Ion	Ratio	Lower	Upper
149	100		
177	26.2	20.4	30.6
150	13.3	10.3	15.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

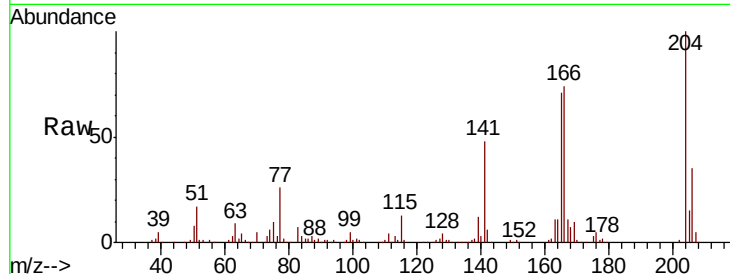




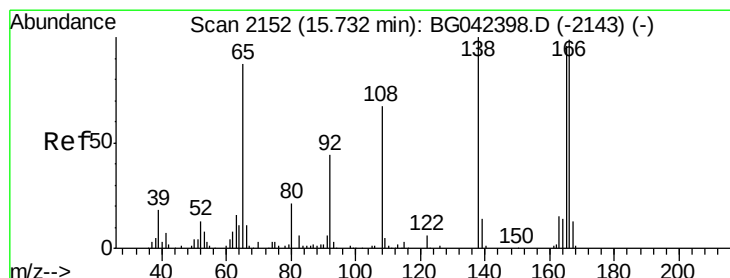
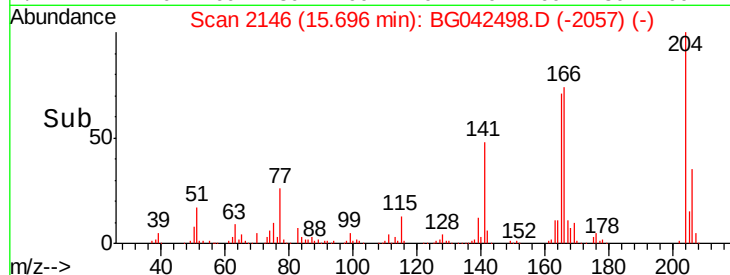
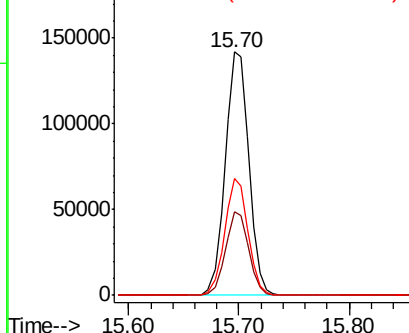
#61
 4-Chlorophenyl-phenylether
 Concen: 37.161 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BG042498.D
 Acq: 26 Aug 2019 13:45

Instrument :
 BNA_G
 ClientSampleId :
 PB122444BSD

Tgt Ion: 204 Resp: 212290
 Ion Ratio Lower Upper
 204 100
 206 34.6 27.2 40.8
 141 48.0 38.7 58.1

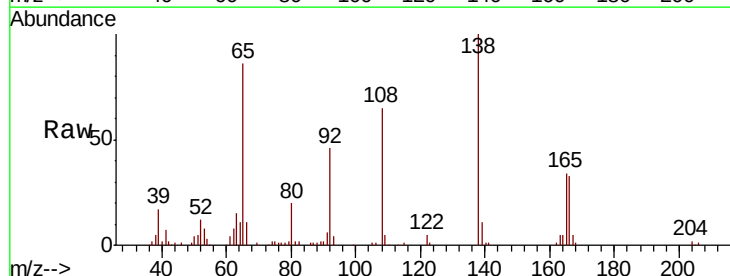


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

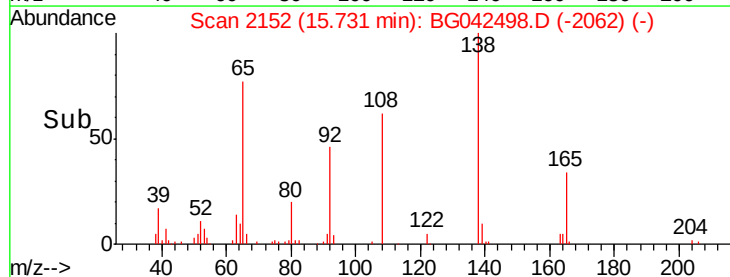
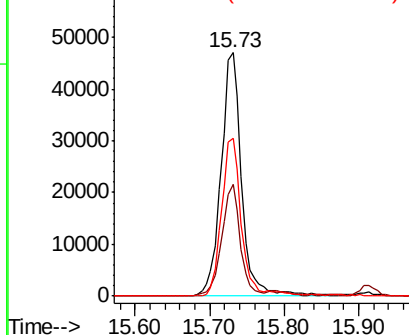


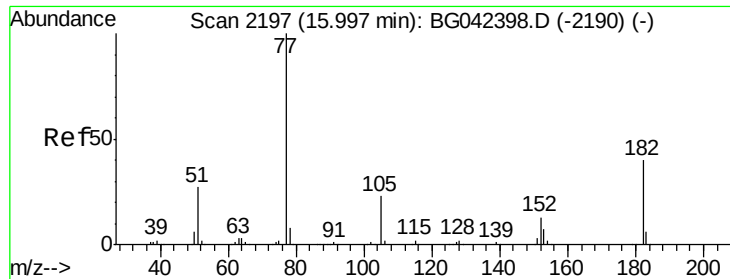
#62
 4-Nitroaniline
 Concen: 36.860 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG042498.D
 Acq: 26 Aug 2019 13:45

Tgt Ion: 138 Resp: 90760
 Ion Ratio Lower Upper
 138 100
 92 46.0 24.2 64.2
 108 65.0 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

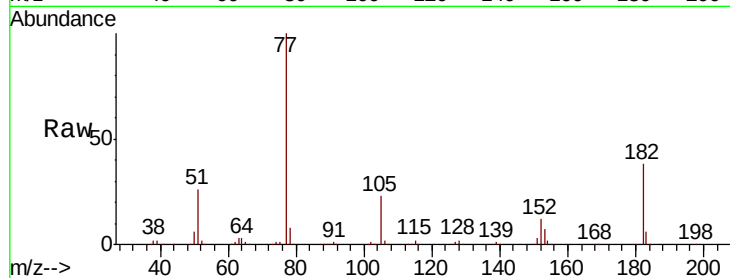




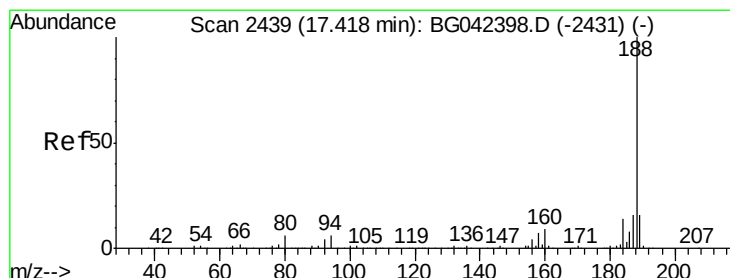
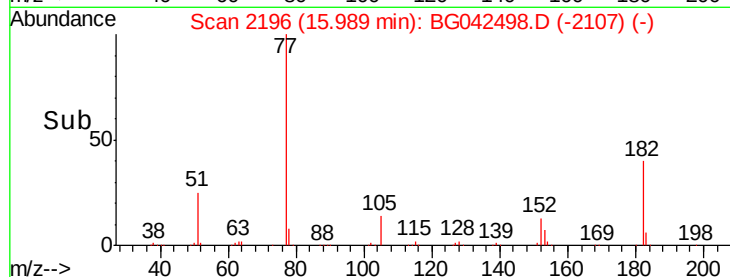
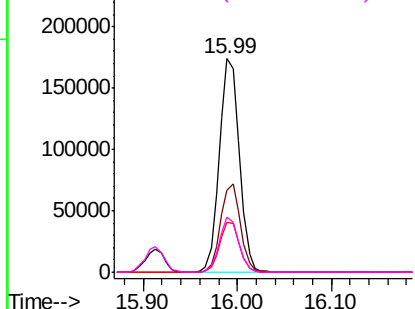
#63
Azobenzene
Concen: 38.880 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG042498.D
Acq: 26 Aug 2019 13:45

Instrument :
BNA_G
ClientSampleId :
PB122444BSD

Tgt Ion:	77	Resp:	258471
Ion	Ratio	Lower	Upper
77	100		
182	38.5	19.9	59.9
105	23.4	2.9	42.9
51	25.6	7.6	47.6

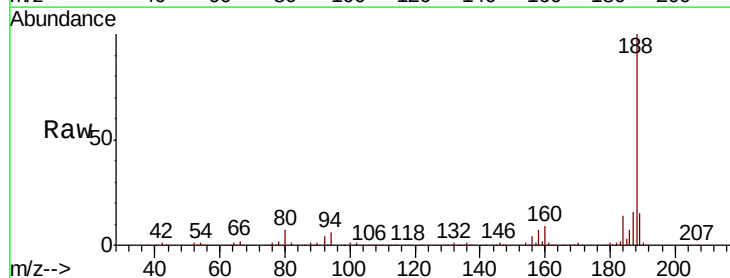


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

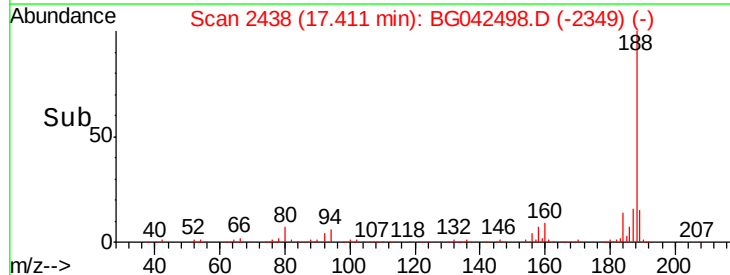
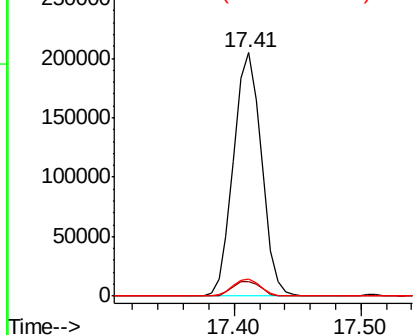


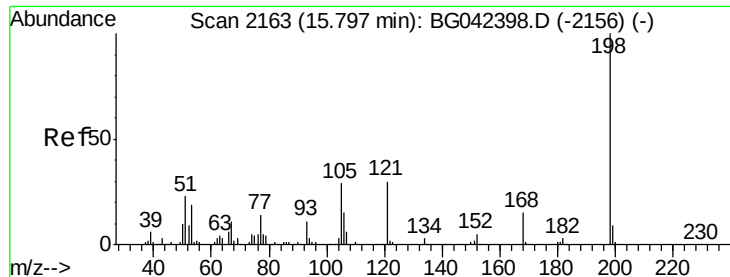
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042498.D
Acq: 26 Aug 2019 13:45

Tgt Ion:	188	Resp:	313646
Ion	Ratio	Lower	Upper
188	100		
94	6.1	4.5	6.7
80	6.8	4.9	7.3



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

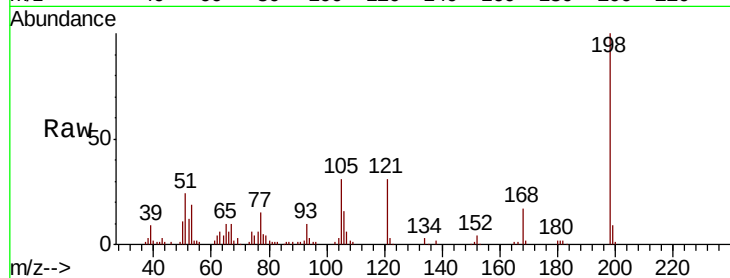




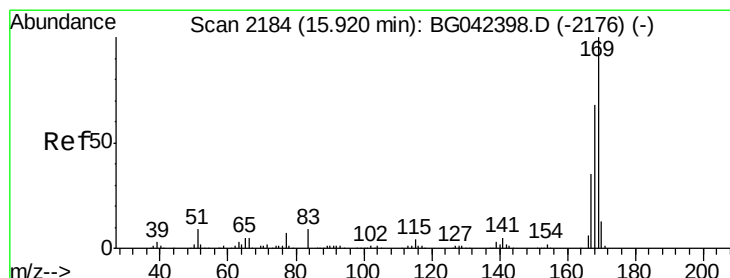
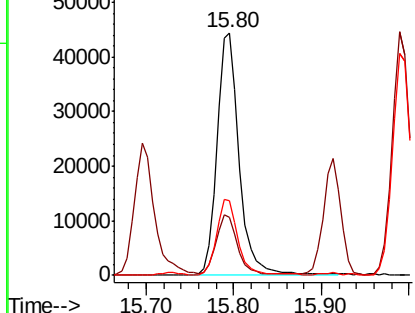
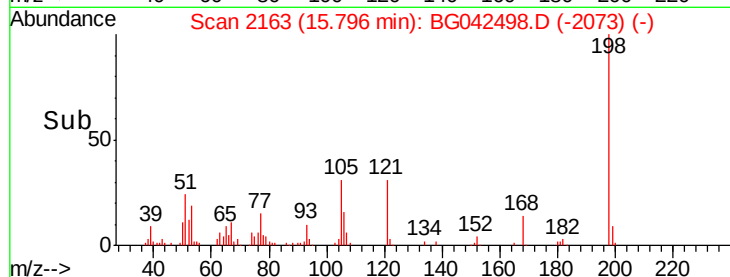
#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.529 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: BG042498.D
 Acq: 26 Aug 2019 13:45

Instrument :
 BNA_G
 ClientSampleId :
 PB122444BSD

Tgt Ion:198 Resp: 77731
 Ion Ratio Lower Upper
 198 100
 51 24.1 4.2 44.2
 105 30.6 8.8 48.8

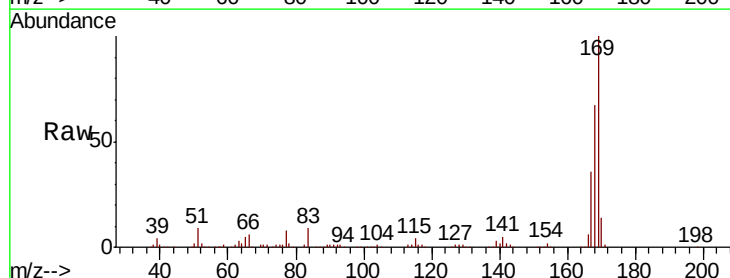


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

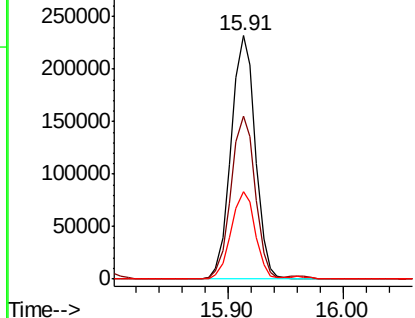
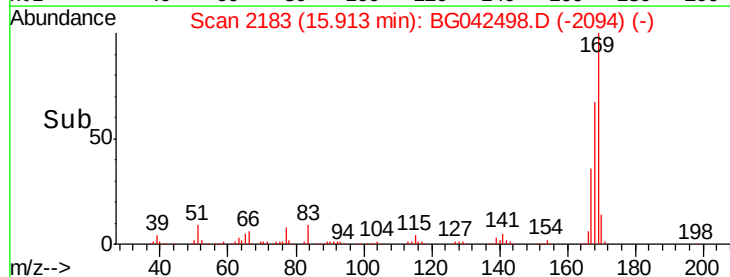


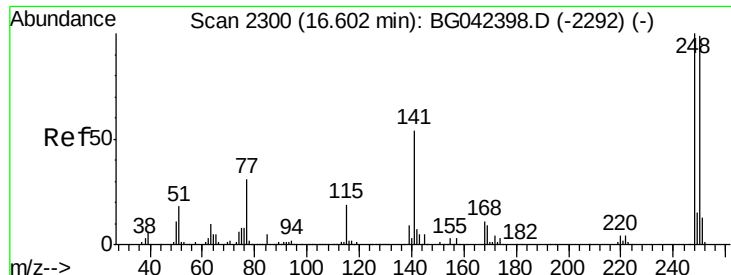
#66
 n-Nitrosodiphenylamine
 Concen: 39.143 ng
 RT: 15.91 min Scan# 2183
 Delta R.T. -0.01 min
 Lab File: BG042498.D
 Acq: 26 Aug 2019 13:45

Tgt Ion:169 Resp: 337627
 Ion Ratio Lower Upper
 169 100
 168 67.0 54.3 81.5
 167 36.0 28.2 42.2



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

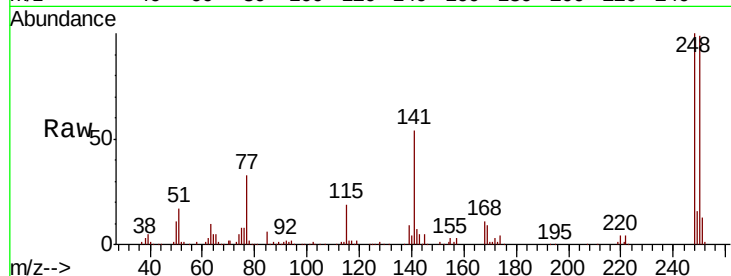




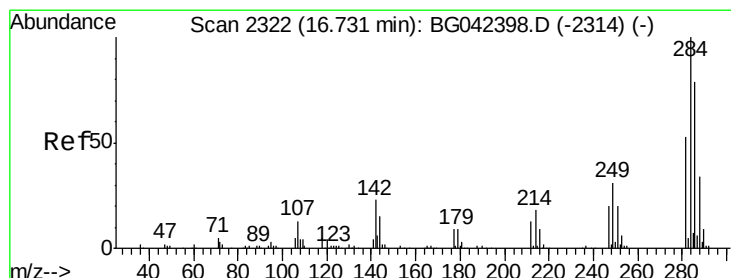
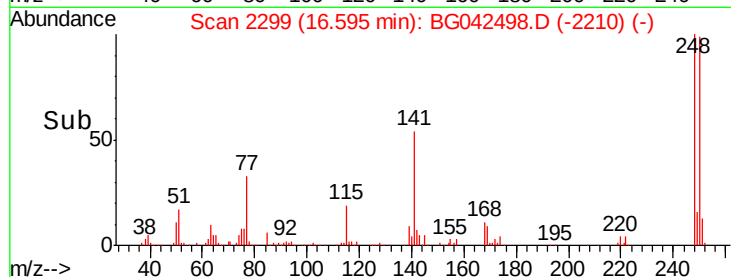
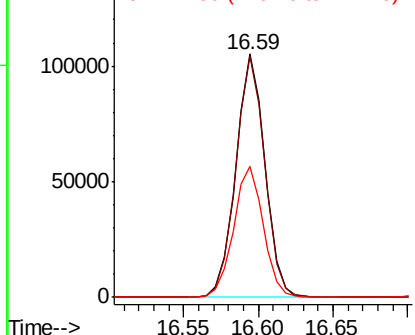
#67
 4-Bromophenyl-phenylether
 Concen: 35.807 ng
 RT: 16.59 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG042498.D
 Acq: 26 Aug 2019 13:45

Instrument :
 BNA_G
 ClientSampleId :
 PB122444BSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.1	78.9	118.3
141	53.7	43.3	64.9

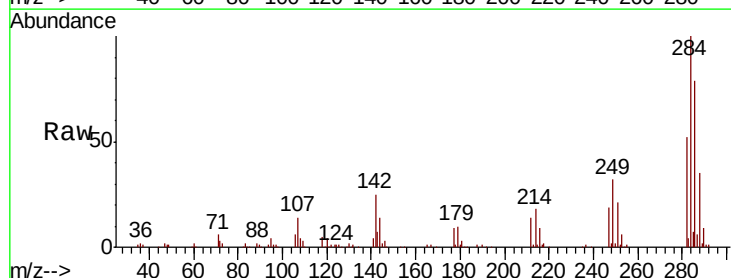


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

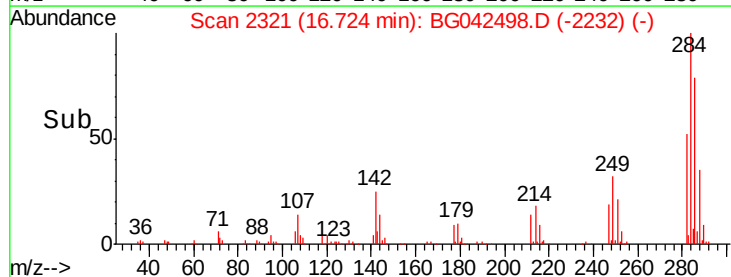
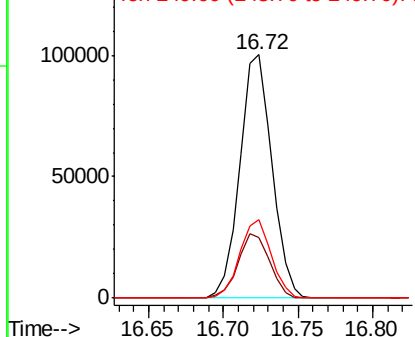


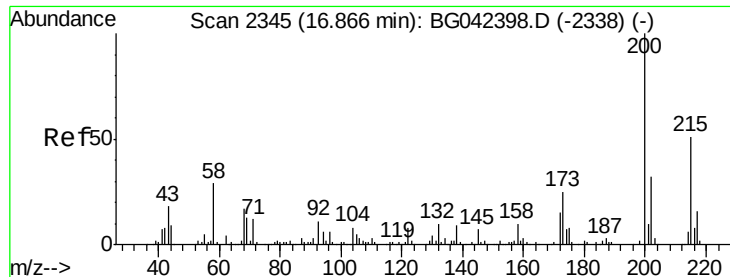
#68
 Hexachlorobenzene
 Concen: 34.503 ng
 RT: 16.72 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG042498.D
 Acq: 26 Aug 2019 13:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.9	18.2	27.4
249	32.5	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: 40.408 ng

RT: 16.86 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

Instrument :

BNA_G

ClientSampleId :

PB122444BSD

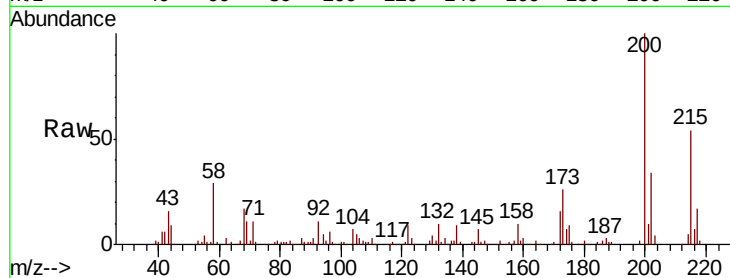
Tgt Ion:200 Resp: 123254

Ion Ratio Lower Upper

200 100

173 25.8 4.9 44.9

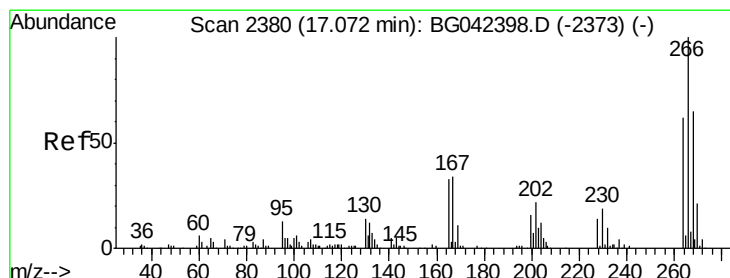
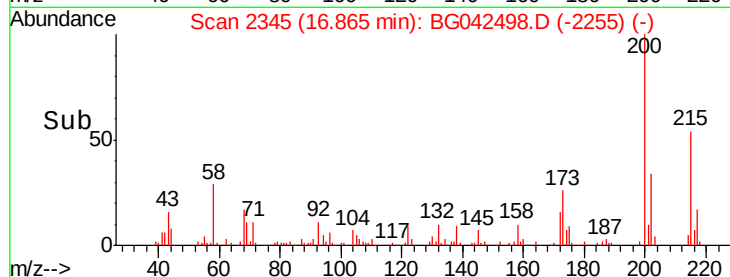
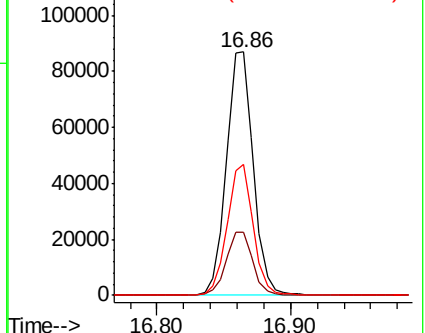
215 53.8 30.7 70.7



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: 79.185 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

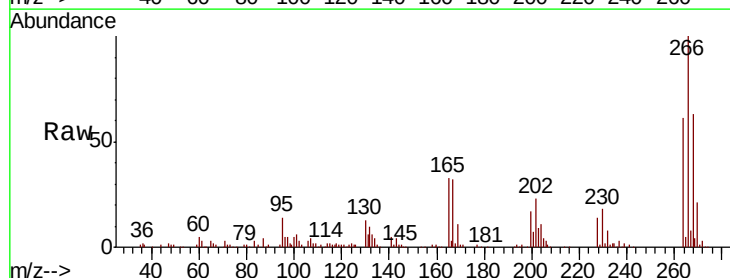
Tgt Ion:266 Resp: 177937

Ion Ratio Lower Upper

266 100

268 62.7 52.1 78.1

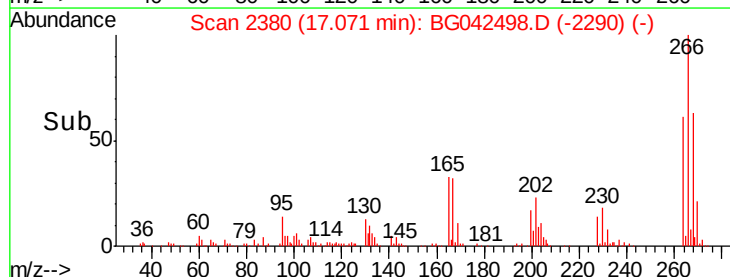
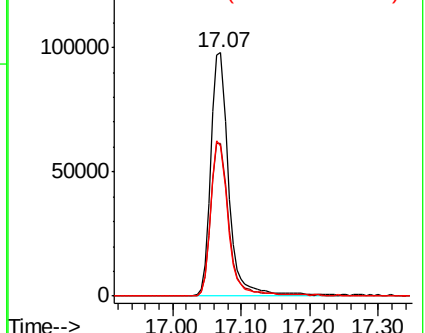
264 61.4 49.4 74.2

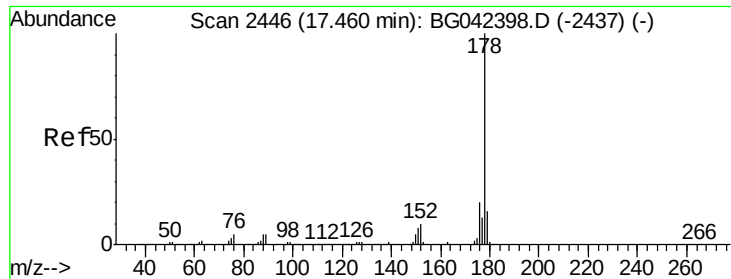


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

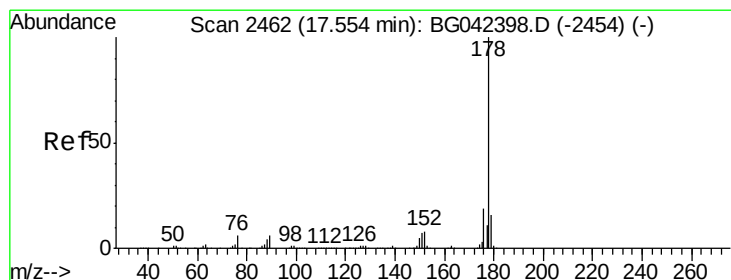
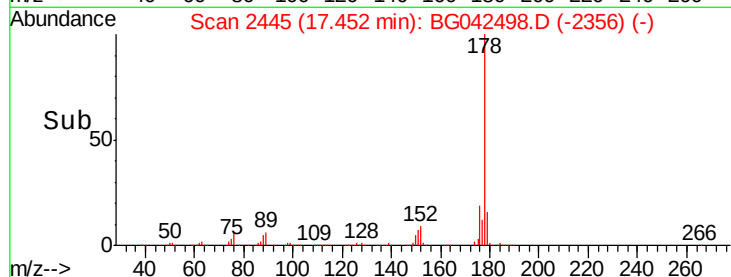
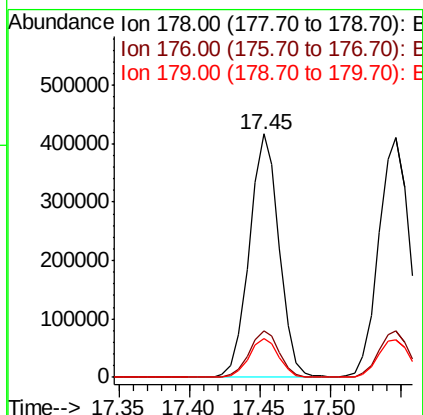
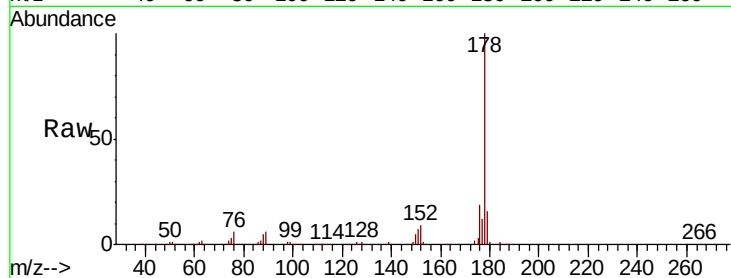




#71
Phenanthrene
Concen: 39.522 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042498.D
Acq: 26 Aug 2019 13:45

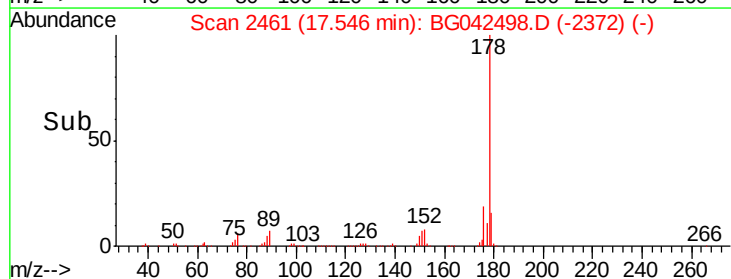
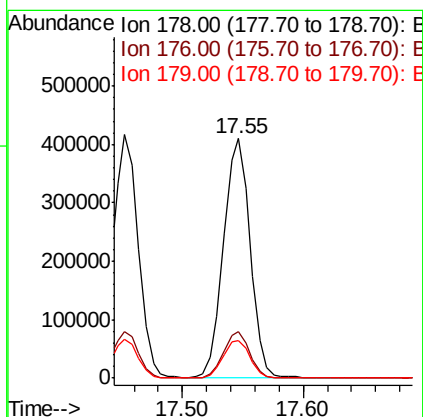
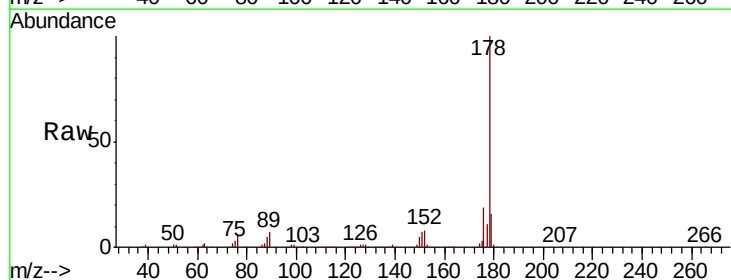
Instrument :
BNA_G
ClientSampleId :
PB122444BSD

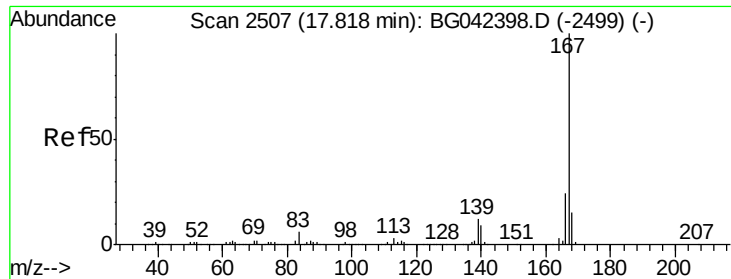
Tgt Ion:178 Resp: 615722
Ion Ratio Lower Upper
178 100
176 19.3 15.9 23.9
179 15.9 12.7 19.1



#72
Anthracene
Concen: 40.233 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG042498.D
Acq: 26 Aug 2019 13:45

Tgt Ion:178 Resp: 625732
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.7 12.9 19.3





#73

Carbazole

Concen: 40.764 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

Instrument :

BNA_G

ClientSampleId :

PB122444BSD

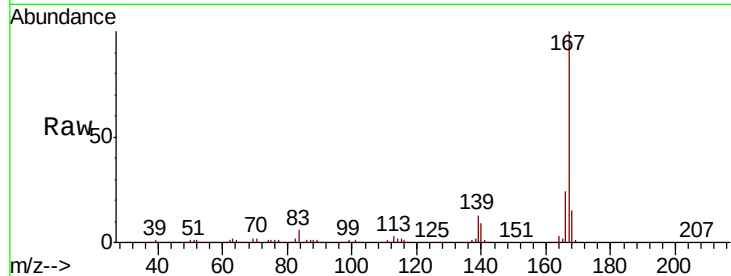
Tgt Ion:167 Resp: 565039

Ion Ratio Lower Upper

167 100

166 24.0 18.9 28.3

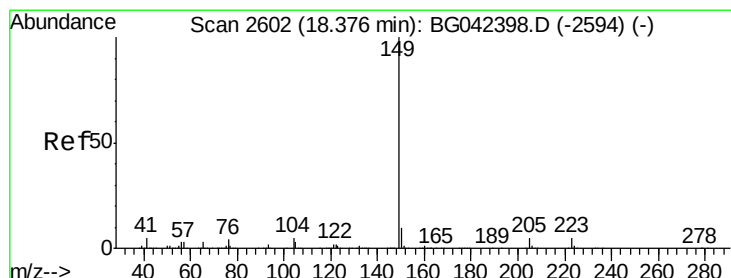
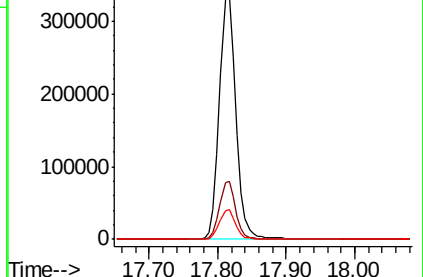
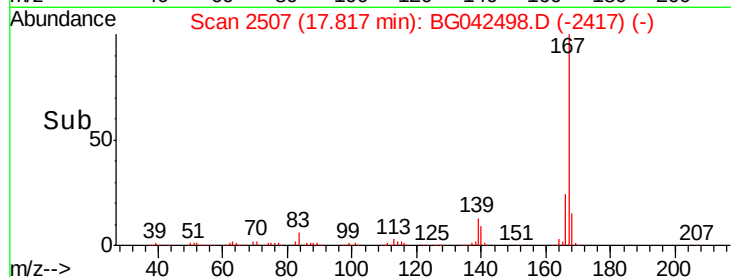
139 12.5 9.8 14.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.012 ng

RT: 18.37 min Scan# 2601

Delta R.T. -0.01 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

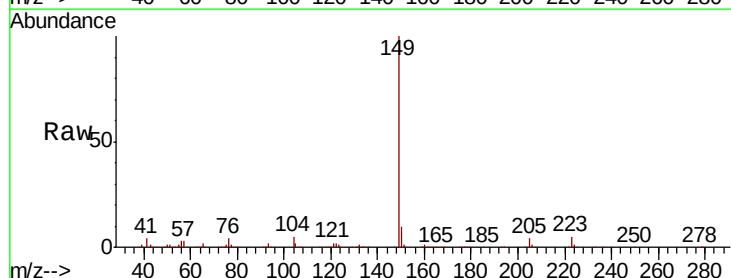
Tgt Ion:149 Resp: 655611

Ion Ratio Lower Upper

149 100

150 10.3 8.1 12.1

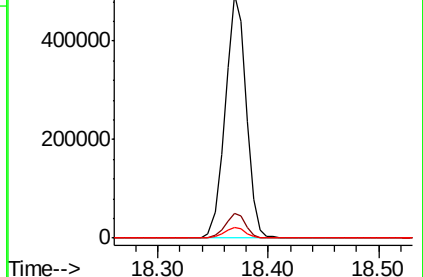
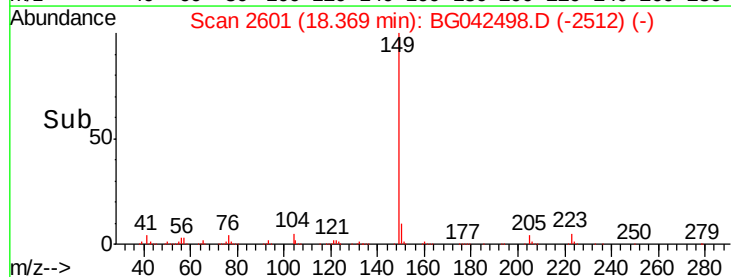
104 4.6 3.7 5.5

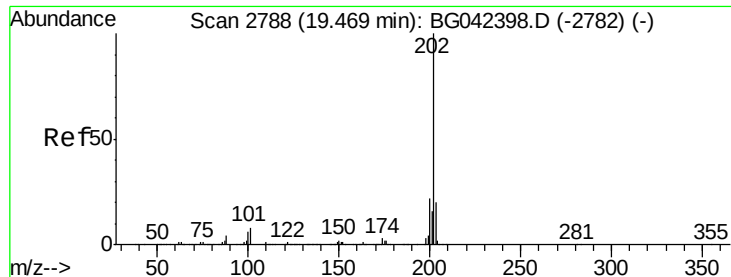


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.647 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

Instrument :

BNA_G

ClientSampleId :

PB122444BSD

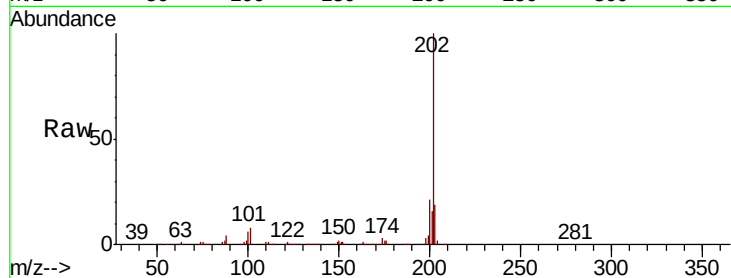
Tgt Ion:202 Resp: 810863

Ion Ratio Lower Upper

202 100

101 8.2 0.0 28.3

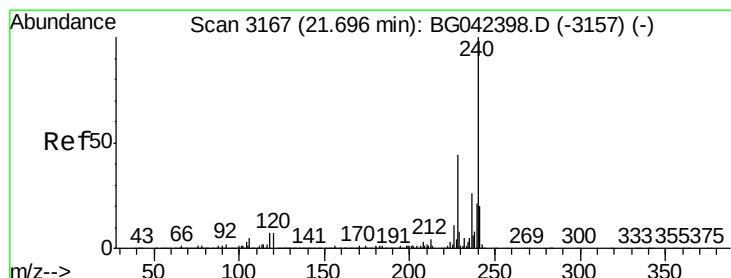
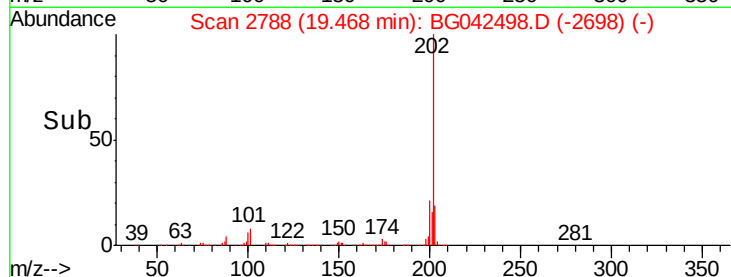
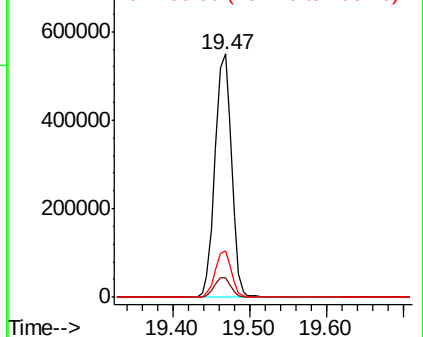
203 18.9 0.0 39.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

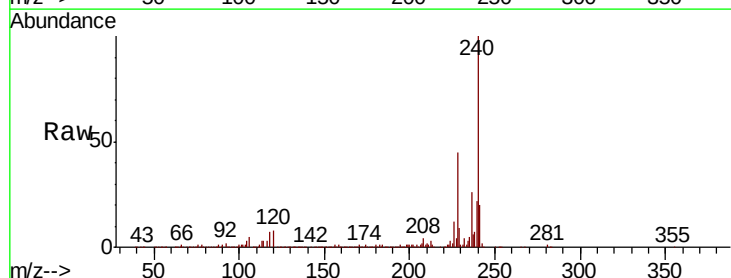
Tgt Ion:240 Resp: 349204

Ion Ratio Lower Upper

240 100

120 7.7 5.7 8.5

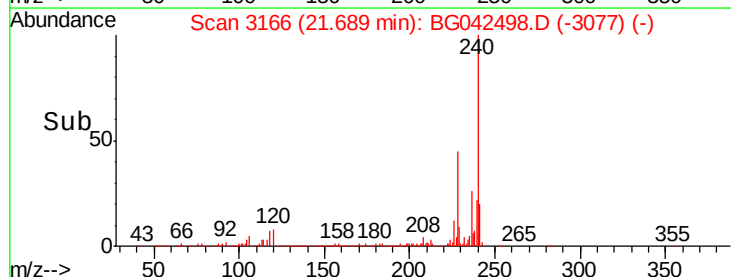
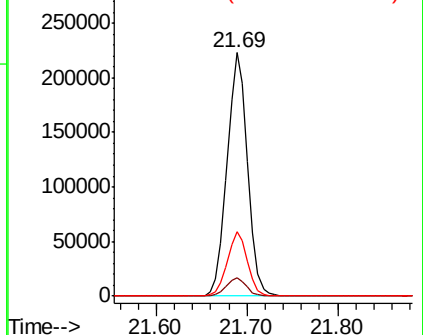
236 26.4 21.0 31.4

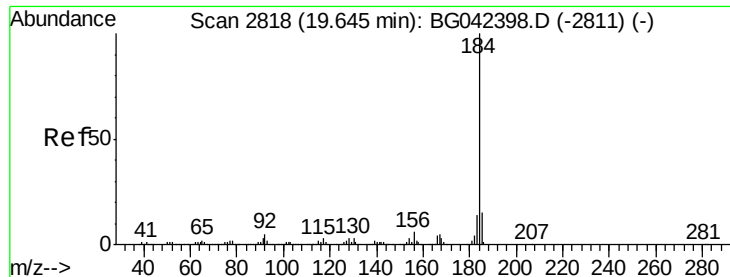


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.050 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

Instrument :

BNA_G

ClientSampleId :

PB122444BSD

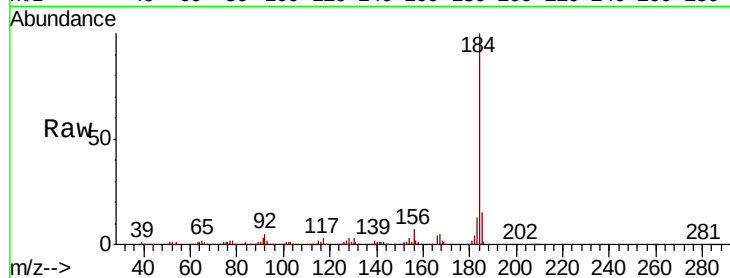
Tgt Ion:184 Resp: 350912

Ion Ratio Lower Upper

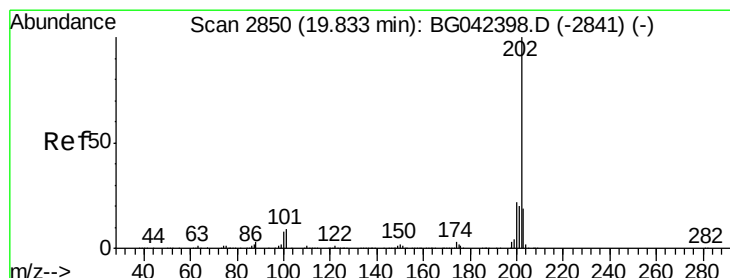
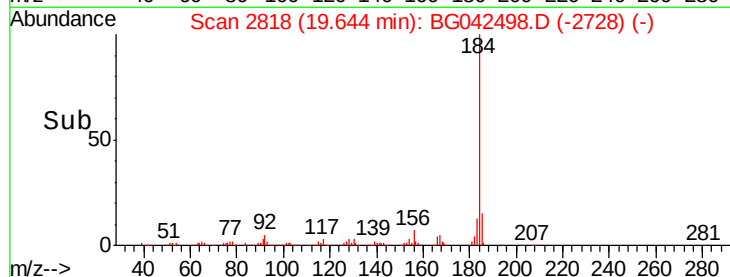
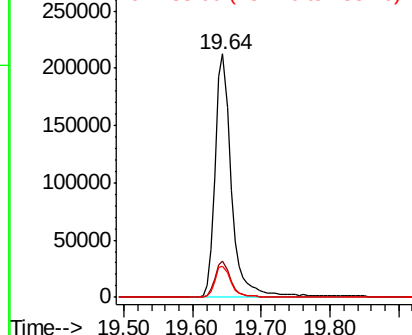
184 100

185 15.0 12.2 18.4

183 13.0 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: 37.955 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

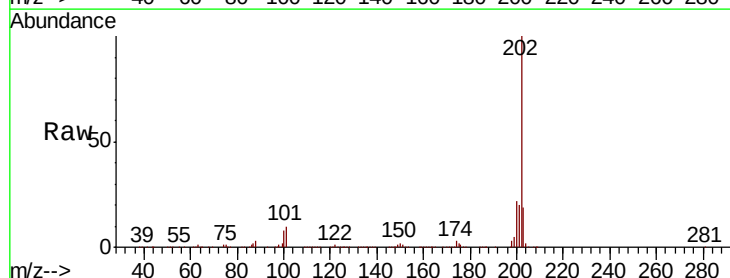
Tgt Ion:202 Resp: 812592

Ion Ratio Lower Upper

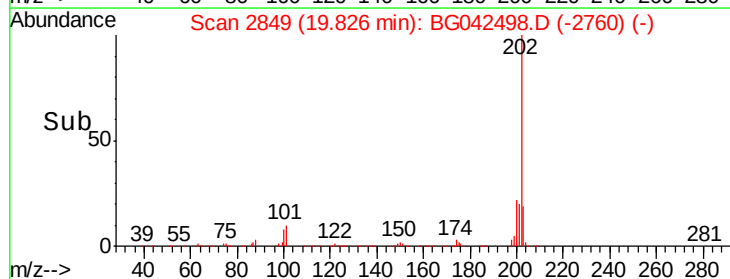
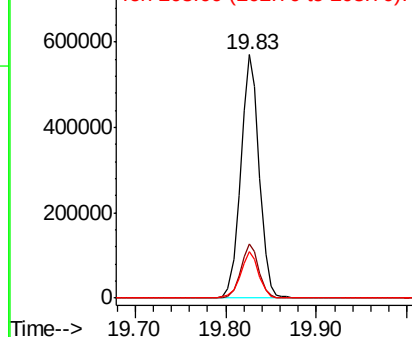
202 100

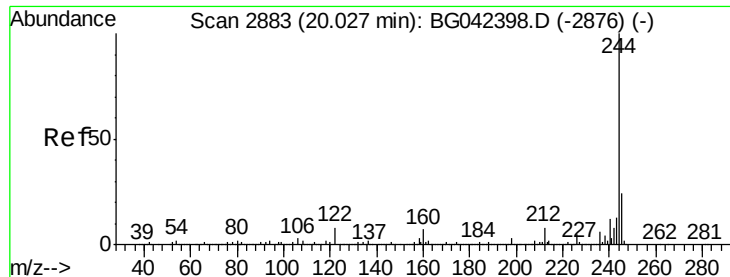
200 22.2 17.8 26.6

203 19.0 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: 62.191 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

Instrument :

BNA_G

ClientSampleId :

PB122444BSD

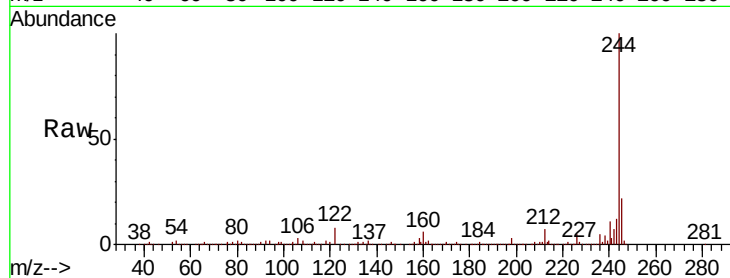
Tgt Ion:244 Resp: 1004544

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

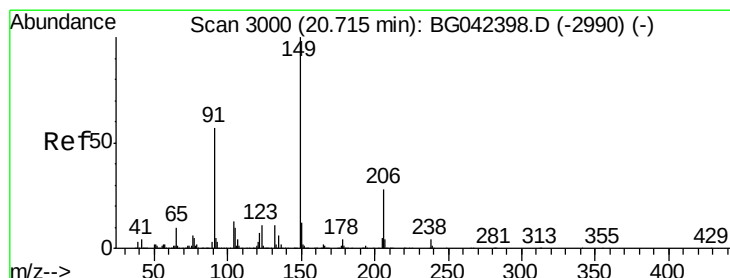
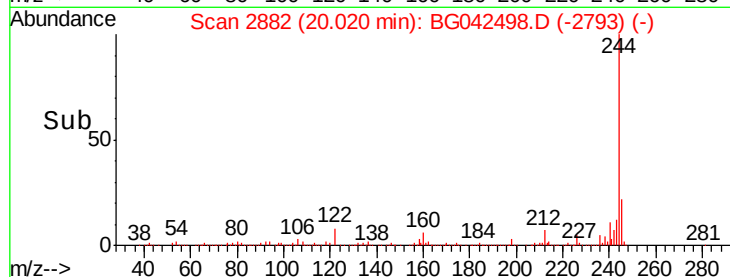
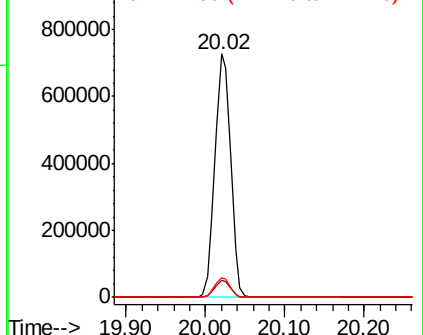
122 8.3 6.7 10.1



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: 38.734 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.01 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

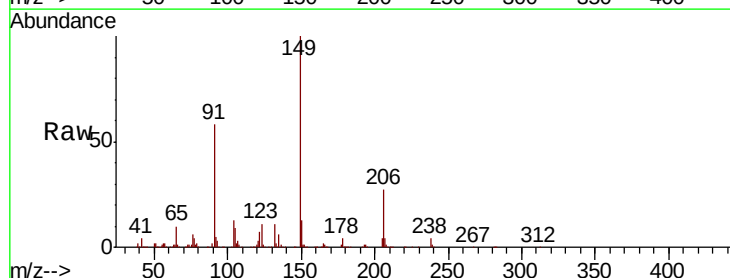
Tgt Ion:149 Resp: 326171

Ion Ratio Lower Upper

149 100

91 58.0 45.9 68.9

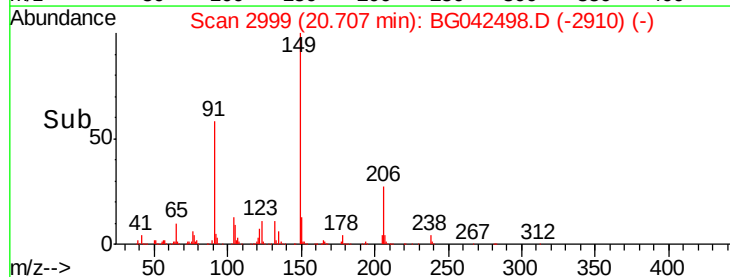
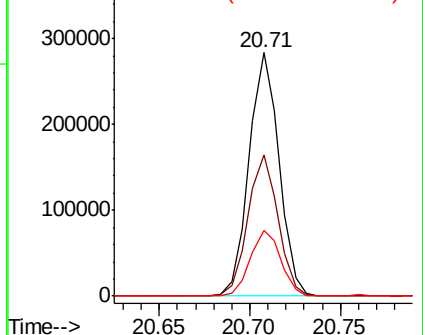
206 27.0 22.5 33.7

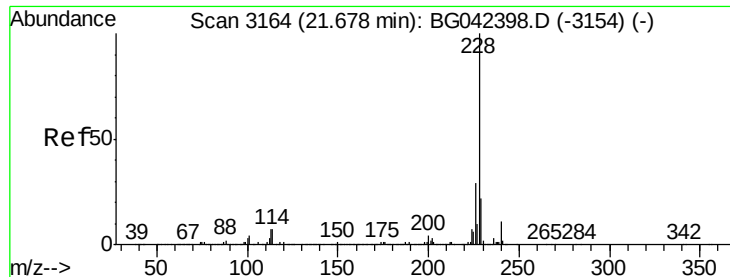


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.749 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

Instrument :

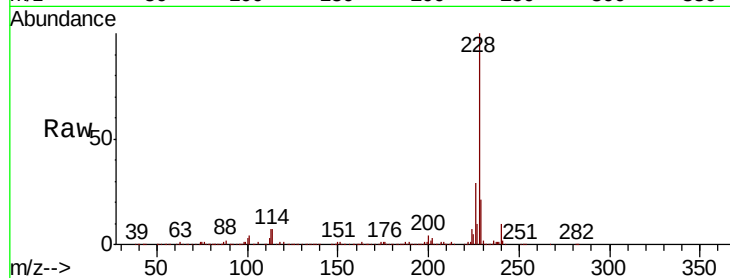
BNA_G

ClientSampleId :

PB122444BSD

Tgt Ion: 228 Resp: 823126

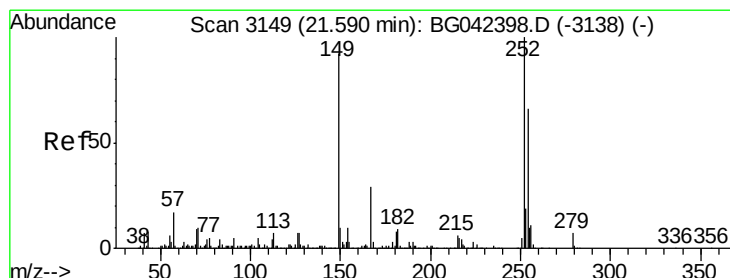
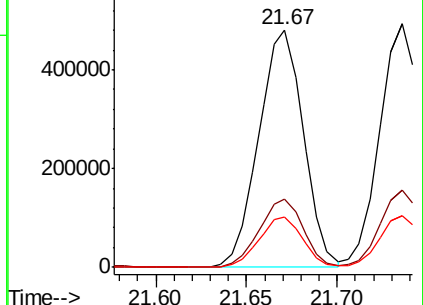
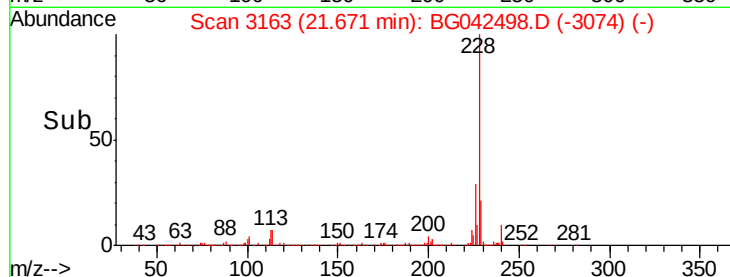
Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.4	35.2
229	21.4	17.4	26.2



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: 33.360 ng

RT: 21.58 min Scan# 3148

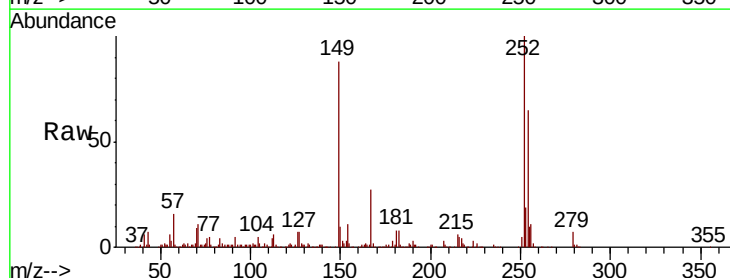
Delta R.T. -0.01 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

Tgt Ion: 252 Resp: 285012

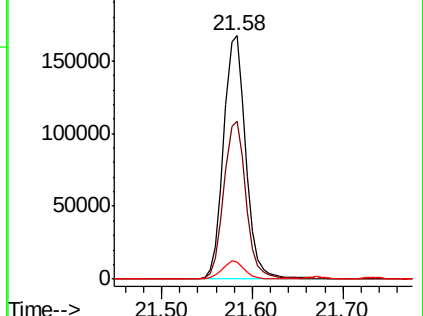
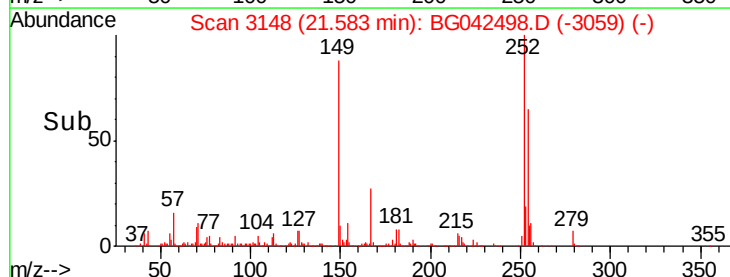
Ion	Ratio	Lower	Upper
252	100		
254	64.7	53.0	79.4
126	7.2	5.7	8.5

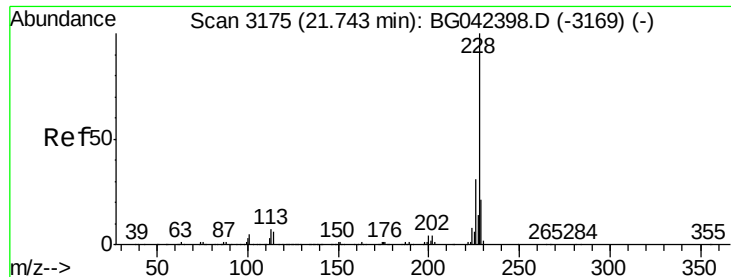


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.071 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

Instrument :

BNA_G

ClientSampleId :

PB122444BSD

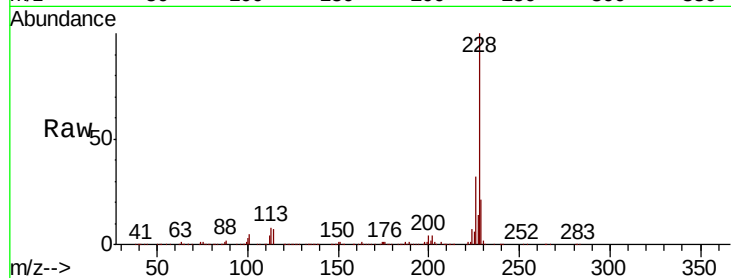
Tgt Ion:228 Resp: 800431

Ion Ratio Lower Upper

228 100

226 31.7 24.9 37.3

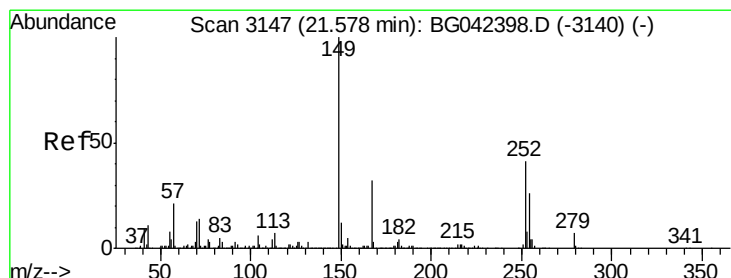
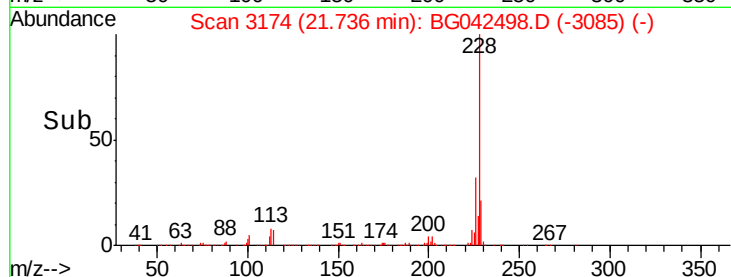
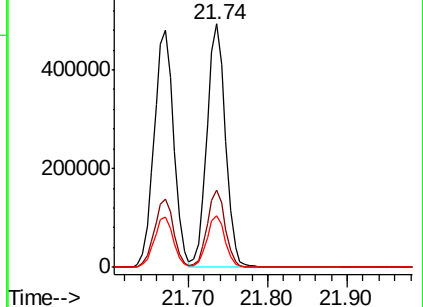
229 21.0 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.790 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

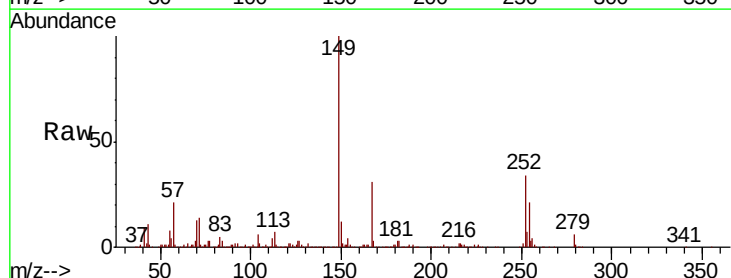
Tgt Ion:149 Resp: 465223

Ion Ratio Lower Upper

149 100

167 31.4 26.0 39.0

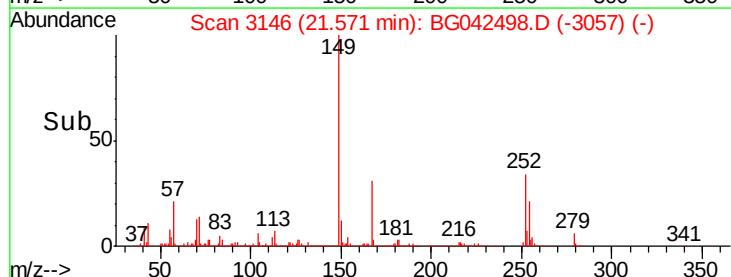
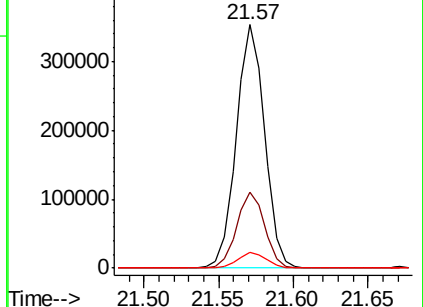
279 6.3 5.4 8.0

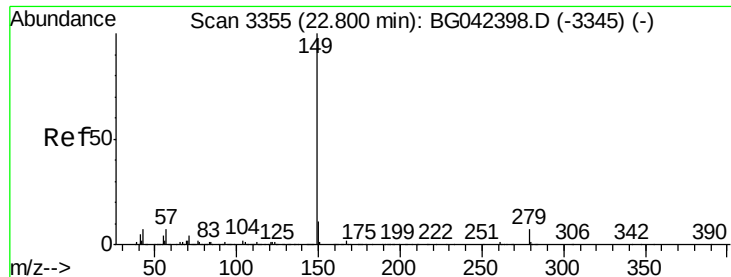


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.251 ng

RT: 22.79 min Scan# 3353

Delta R.T. -0.01 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

Instrument :

BNA_G

ClientSampleId :

PB122444BSD

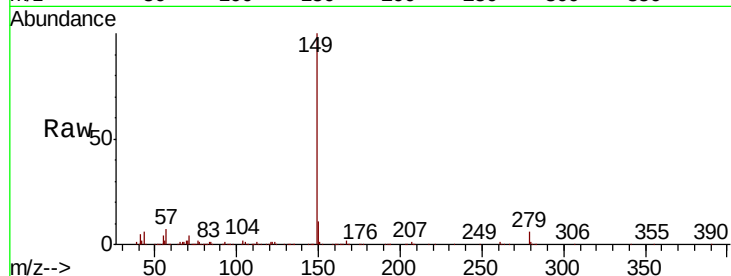
Tgt Ion:149 Resp: 809416

Ion Ratio Lower Upper

149 100

167 1.8 1.6 2.4

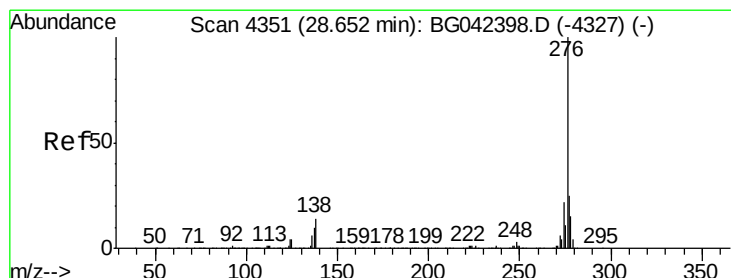
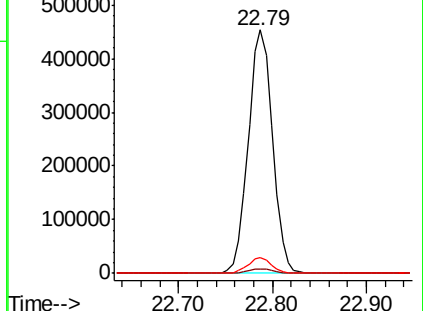
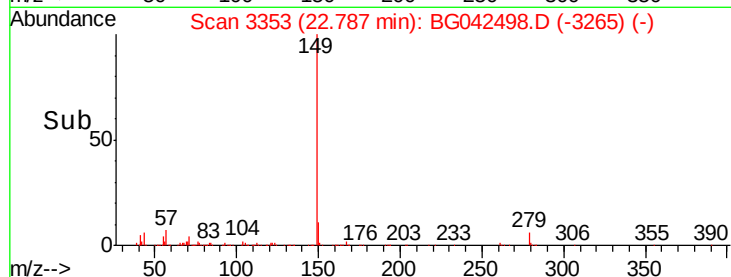
43 6.3 5.3 7.9



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: 37.613 ng

RT: 28.64 min Scan# 4349

Delta R.T. -0.01 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

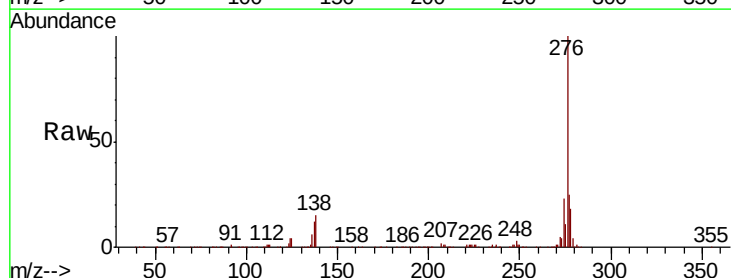
Tgt Ion:276 Resp: 1047170

Ion Ratio Lower Upper

276 100

138 18.1 9.2 13.8#

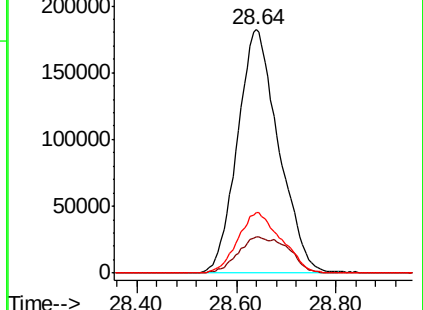
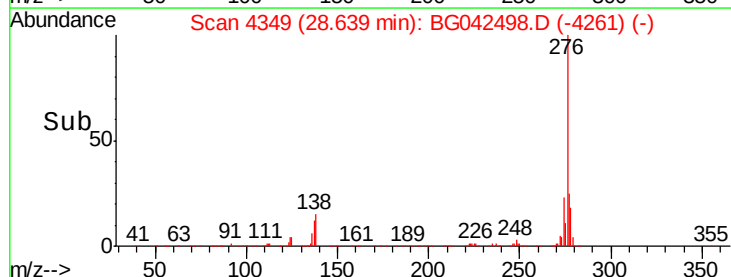
277 26.3 21.0 31.6

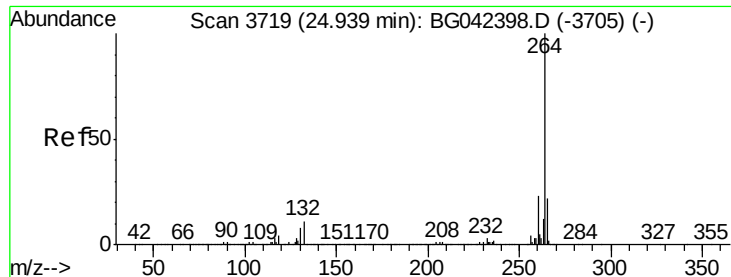


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

Instrument :

BNA_G

ClientSampleId :

PB122444BSD

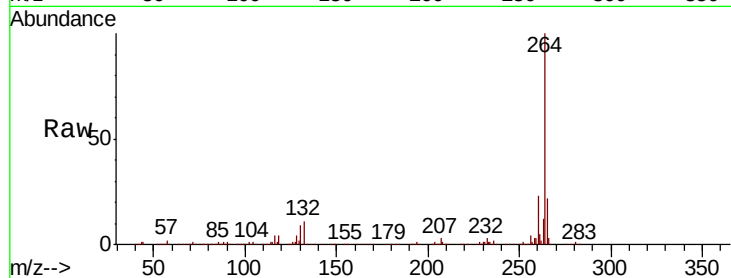
Tgt Ion:264 Resp: 378513

Ion Ratio Lower Upper

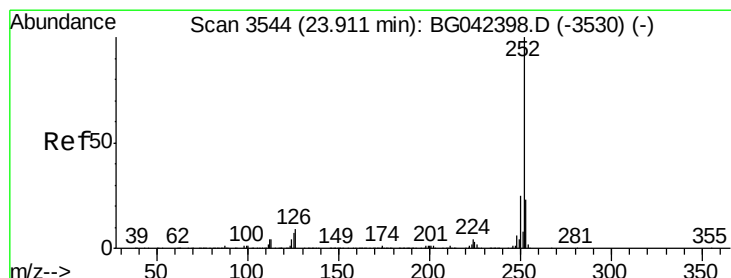
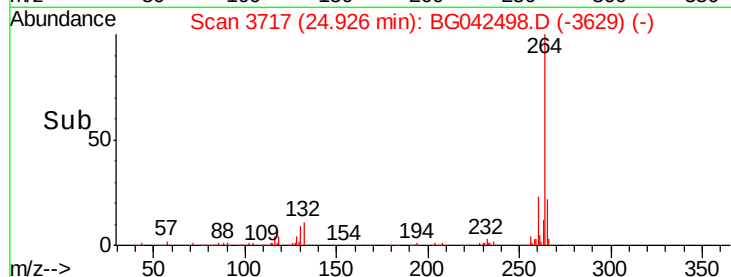
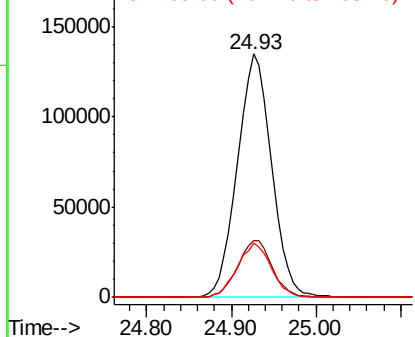
264 100

260 23.1 18.5 27.7

265 22.1 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.076 ng

RT: 23.90 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

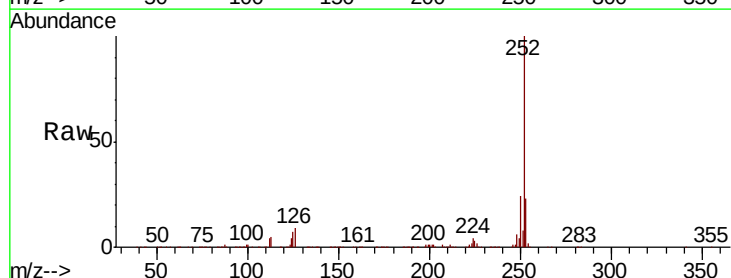
Tgt Ion:252 Resp: 896385

Ion Ratio Lower Upper

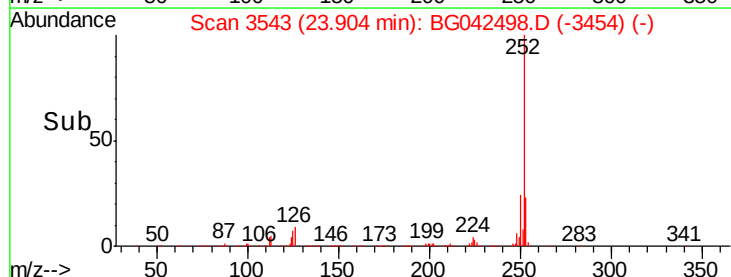
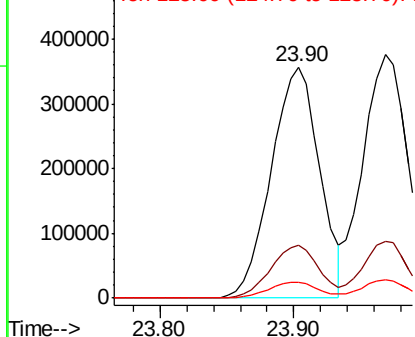
252 100

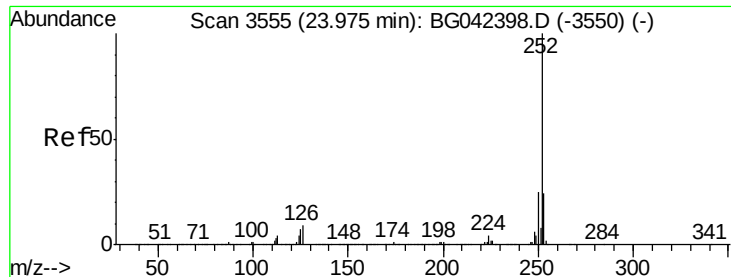
253 22.9 18.6 27.8

125 6.9 5.6 8.4



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





#89

Benzo(k)fluoranthene

Concen: 44.219 ng

RT: 23.97 min Scan# 3554

Delta R.T. -0.01 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

Instrument :

BNA_G

ClientSampleId :

PB122444BSD

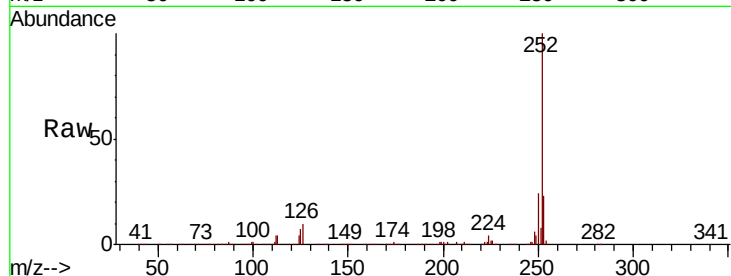
Tgt Ion:252 Resp: 884464

Ion Ratio Lower Upper

252 100

253 23.2 18.6 27.8

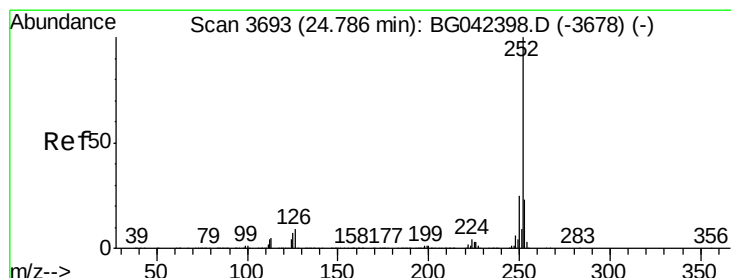
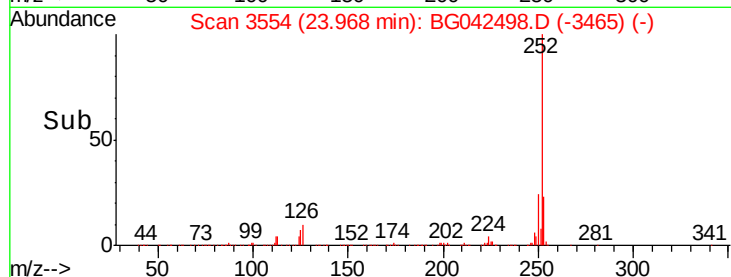
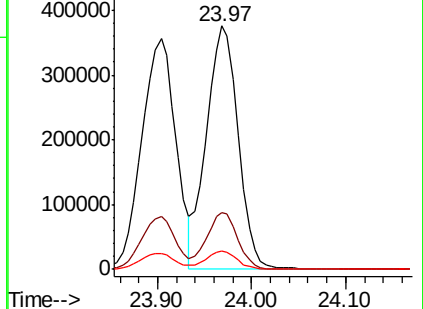
125 7.4 5.8 8.6



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: 44.723 ng

RT: 24.78 min Scan# 3692

Delta R.T. -0.01 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

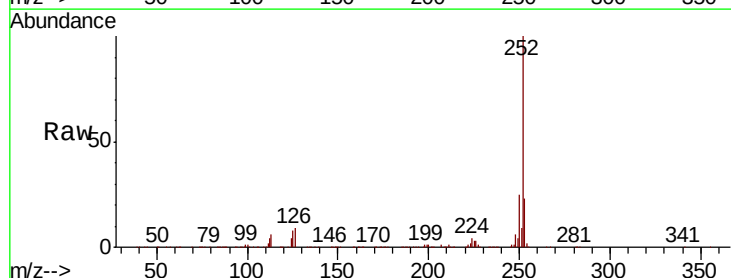
Tgt Ion:252 Resp: 883112

Ion Ratio Lower Upper

252 100

253 22.5 18.4 27.6

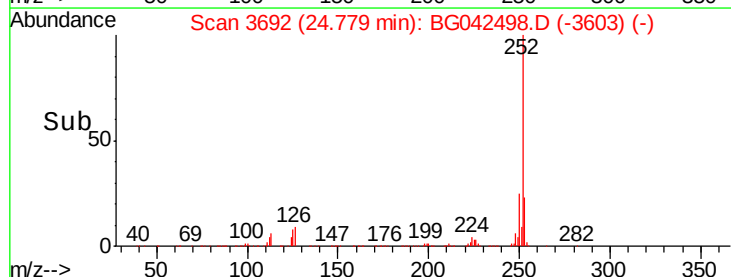
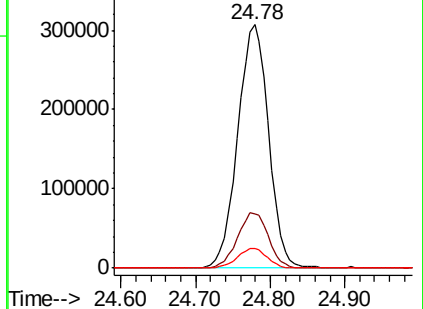
125 8.0 6.0 9.0

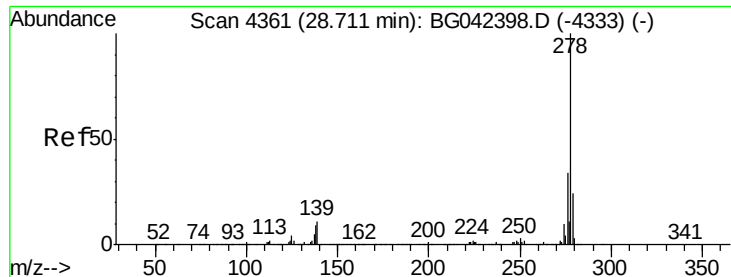


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 43.505 ng

RT: 28.70 min Scan# 4359

Delta R.T. -0.01 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

Instrument :

BNA_G

ClientSampleId :

PB122444BSD

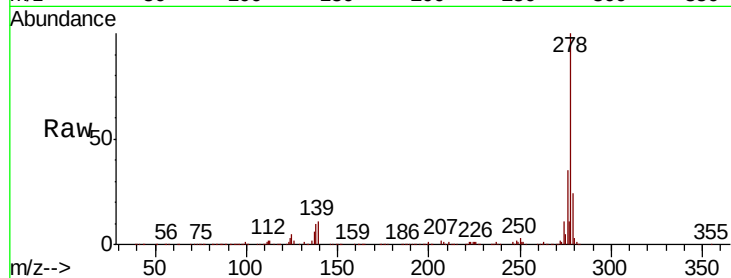
Tgt Ion: 278 Resp: 869795

Ion Ratio Lower Upper

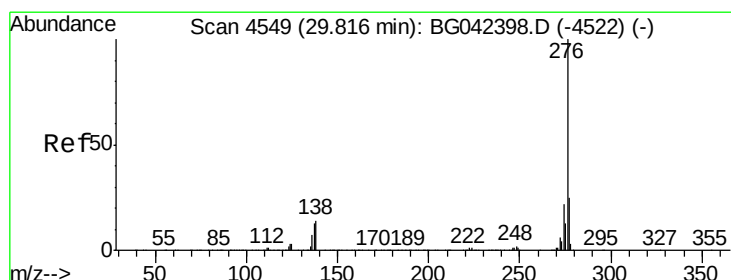
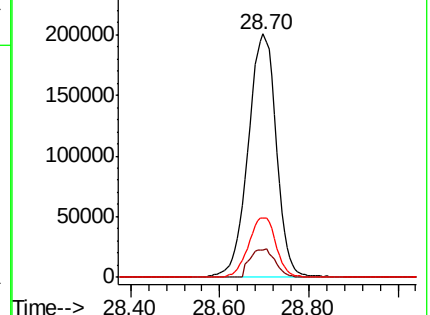
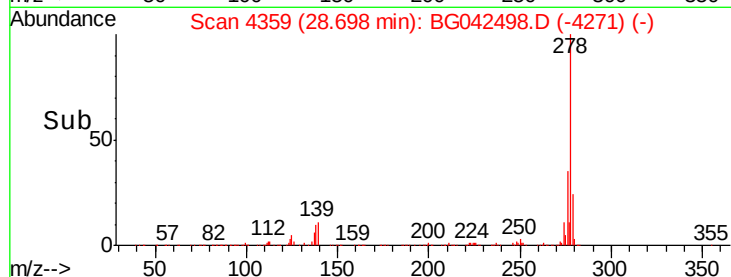
278 100

139 11.4 8.8 13.2

279 24.5 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: 43.955 ng

RT: 29.79 min Scan# 4545

Delta R.T. -0.02 min

Lab File: BG042498.D

Acq: 26 Aug 2019 13:45

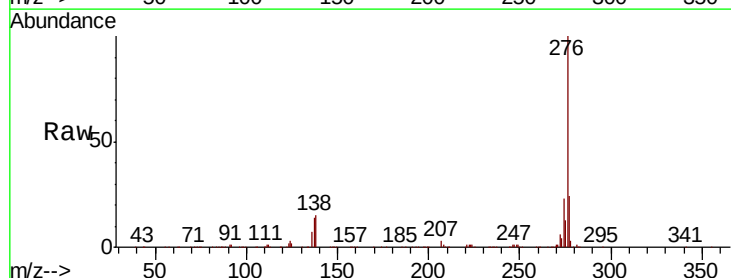
Tgt Ion: 276 Resp: 878937

Ion Ratio Lower Upper

276 100

277 24.4 19.8 29.8

138 15.3 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

