

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082519\
 Data File : BG042482.D
 Acq On : 25 Aug 2019 17:42
 Operator : HP/JU
 Sample : K4510-08MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 26 06:33:34 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	42869	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	173001	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	130714	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	334328	20.00	ng	0.00
76) Chrysene-d12	21.69	240	354278	20.00	ng	0.00
87) Perylene-d12	24.93	264	421123	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	336743	159.09	ng	0.00
7) Phenol-d6	7.16	99	468839	163.98	ng	0.00
23) Nitrobenzene-d5	9.17	82	261247	104.35	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	286039	153.96	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	716723	92.74	ng	0.00
79) Terphenyl-d14	20.03	244	1376064	83.97	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.41	88	32180	36.430	ng	96
3) Pyridine	3.82	79	84012	37.090	ng	98
4) n-Nitrosodimethylamine	3.73	42	34070	42.114	ng	# 80
6) Aniline	7.32	93	93858	24.612	ng	98
8) 2-Chlorophenol	7.56	128	115347	44.965	ng	96
9) Benzaldehyde	7.13	77	39928	27.894	ng	96
10) Phenol	7.19	94	141013	48.507	ng	98
11) bis(2-Chloroethyl)ether	7.41	93	96470	42.255	ng	99
12) 1,3-Dichlorobenzene	7.89	146	127291	39.006	ng	99
13) 1,4-Dichlorobenzene	8.03	146	130274	39.411	ng	97
14) 1,2-Dichlorobenzene	8.36	146	123771	39.099	ng	99
15) Benzyl Alcohol	8.24	79	87580	42.576	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	126642	40.926	ng	98
17) 2-Methylphenol	8.45	107	96136	44.898	ng	97
18) Hexachloroethane	9.09	117	44307	39.153	ng	99
19) n-Nitroso-di-n-propylamine	8.81	70	78099	42.163	ng	99
20) 3+4-Methylphenols	8.79	107	130887	44.176	ng	99
22) Acetophenone	8.83	105	159776	43.180	ng	# 98
24) Nitrobenzene	9.21	77	111114	43.830	ng	98
25) Isophorone	9.74	82	213028	43.117	ng	98
26) 2-Nitrophenol	9.93	139	70074	44.108	ng	97
27) 2,4-Dimethylphenol	9.99	122	111432	50.919	ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	136457	43.820	ng	99
29) 2,4-Dichlorophenol	10.47	162	133591	46.658	ng	97
30) 1,2,4-Trichlorobenzene	10.68	180	140297	39.920	ng	100
31) Naphthalene	10.87	128	350574	43.647	ng	99
32) Benzoic acid	10.12	122	37907	27.975	ng	96
33) 4-Chloroaniline	10.98	127	76402	20.606	ng	98
34) Hexachlorobutadiene	11.17	225	89318	37.816	ng	99
35) Caprolactam	11.75	113	23724	24.832	ng	98
36) 4-Chloro-3-methylphenol	12.12	107	129895	47.790	ng	97
37) 2-Methylnaphthalene	12.48	142	281557	43.657	ng	99
38) 1-Methylnaphthalene	12.70	142	265541	43.346	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	171935	40.959	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082519\
 Data File : BG042482.D
 Acq On : 25 Aug 2019 17:42
 Operator : HP/JU
 Sample : K4510-08MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 26 06:33:34 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)
41) Hexachlorocyclopentadiene	12.83	237	174167	78.987	ng	99
43) 2,4,6-Trichlorophenol	13.09	196	124860	44.006	ng	95
44) 2,4,5-Trichlorophenol	13.18	196	137030	46.604	ng	98
46) 1,1'-Biphenyl	13.49	154	367701	43.518	ng	99
47) 2-Chloronaphthalene	13.53	162	307303	42.179	ng	99
48) 2-Nitroaniline	13.73	65	78841	44.875	ng	97
49) Acenaphthylene	14.38	152	492130	44.898	ng	99
50) Dimethylphthalate	14.11	163	482766	51.187	ng	100
51) 2,6-Dinitrotoluene	14.23	165	99699	45.605	ng	96
52) Acenaphthene	14.73	154	289005	43.422	ng	99
53) 3-Nitroaniline	14.56	138	61719	28.229	ng	98
54) 2,4-Dinitrophenol	14.78	184	97843	67.459	ng	95
55) Dibenzofuran	15.06	168	497817	45.186	ng	99
56) 4-Nitrophenol	14.89	139	190138	122.388	ng	99
57) 2,4-Dinitrotoluene	15.03	165	145987	46.633	ng	98
58) Fluorene	15.71	166	413995	45.969	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	138463	47.619	ng	99
60) Diethylphthalate	15.47	149	420569	45.616	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	235078	43.301	ng	99
62) 4-Nitroaniline	15.73	138	114958	49.128	ng	99
63) Azobenzene	16.00	77	304915	48.264	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	91491	43.648	ng	98
66) n-Nitrosodiphenylamine	15.91	169	398217	43.311	ng	98
67) 4-Bromophenyl-phenylether	16.59	248	167495	39.497	ng	99
68) Hexachlorobenzene	16.72	284	172698	37.462	ng	96
69) Atrazine	16.86	200	164085	50.466	ng	96
70) Pentachlorophenol	17.07	266	206908	86.382	ng	99
71) Phenanthrene	17.45	178	746682	44.963	ng	99
72) Anthracene	17.55	178	761192	45.915	ng	99
73) Carbazole	17.82	167	705918	47.777	ng	100
74) Di-n-butylphthalate	18.37	149	816202	46.731	ng	100
75) Fluoranthene	19.47	202	969957	47.859	ng	99
77) Benzidine	19.64	184	282483	27.811	ng	98
78) Pyrene	19.83	202	972624	44.779	ng	99
80) Butylbenzylphthalate	20.71	149	386441	45.234	ng	99
81) Benzo(a)anthracene	21.67	228	934897	43.380	ng	99
82) 3,3'-Dichlorobenzidine	21.58	252	239216	27.599	ng	98
83) Chrysene	21.74	228	926710	44.587	ng	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	547838	46.185	ng	100
85) Di-n-octyl phthalate	22.79	149	934649	45.813	ng	100
86) Indeno(1,2,3-cd)pyrene	28.65	276	1209078	42.806	ng	# 94
88) Benzo(b)fluoranthene	23.90	252	1045322	45.151	ng	99
89) Benzo(k)fluoranthene	23.97	252	994739	44.700	ng	100
90) Benzo(a)pyrene	24.78	252	1016944	46.290	ng	99
91) Dibenzo(a,h)anthracene	28.70	278	1000530	44.980	ng	98
92) Benzo(g,h,i)perylene	29.80	276	1011655	45.473	ng	98

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

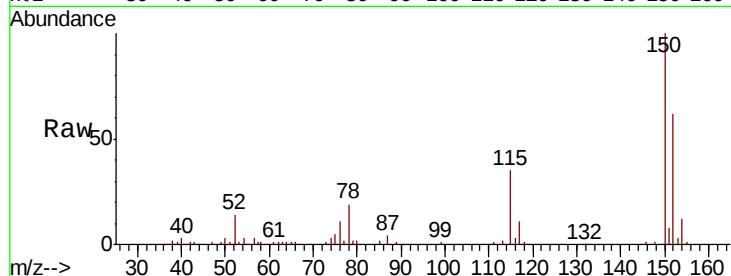


#1

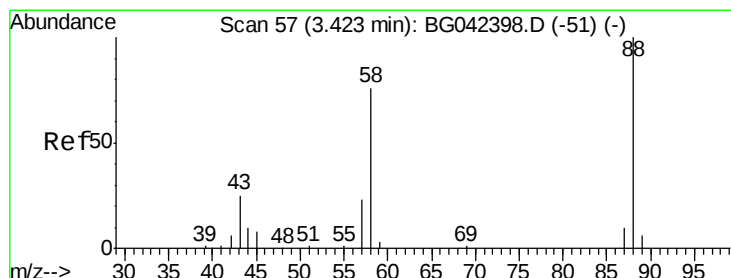
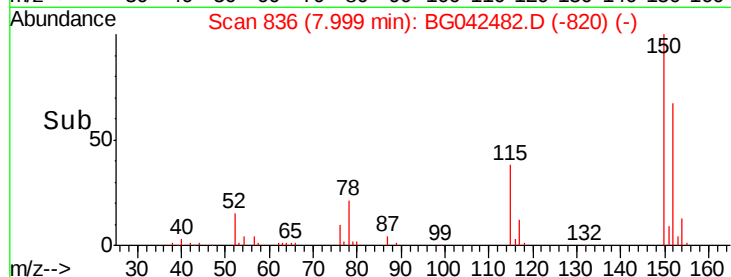
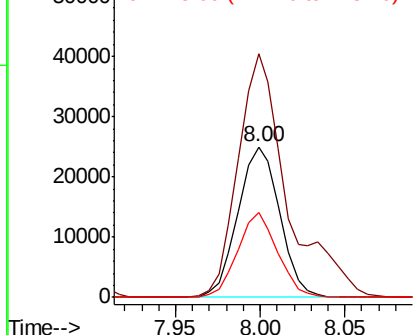
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042482.D
Acq: 25 Aug 2019 17:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 42869
Ion Ratio Lower Upper
152 100
150 161.5 125.4 188.0
115 56.4 38.5 57.7



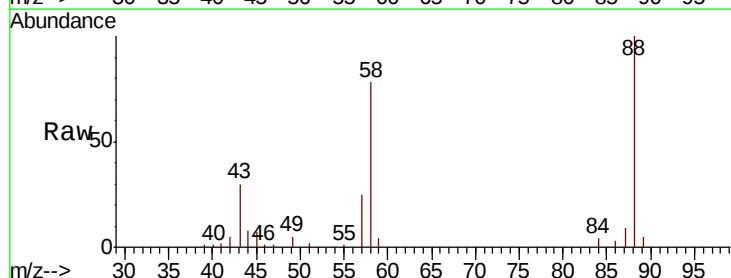
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



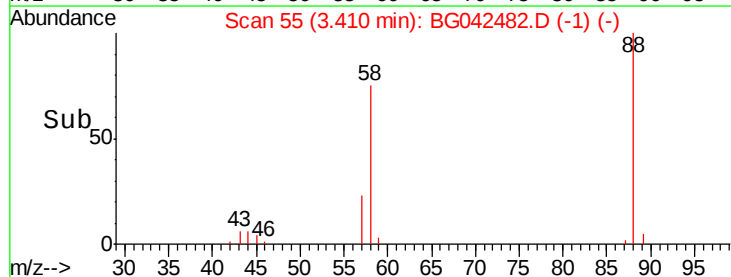
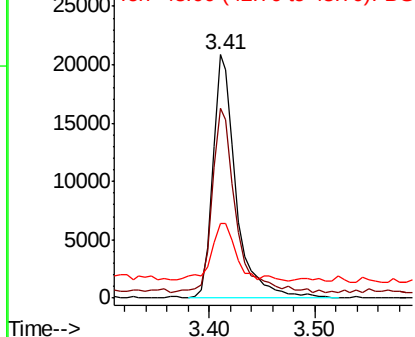
#2

1,4-Dioxane
Concen: 36.430 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BG042482.D
Acq: 25 Aug 2019 17:42

Tgt Ion: 88 Resp: 32180
Ion Ratio Lower Upper
88 100
58 76.7 58.3 87.5
43 23.2 20.2 30.2



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.090 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

Instrument :

BNA_G

ClientSampleId :

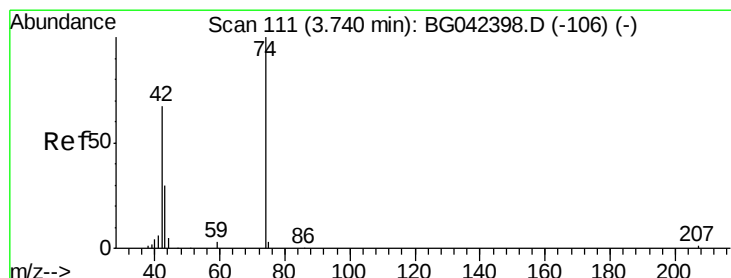
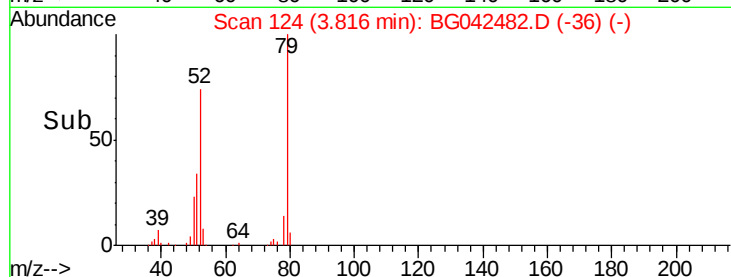
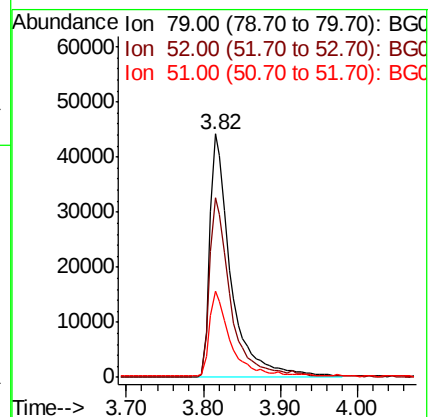
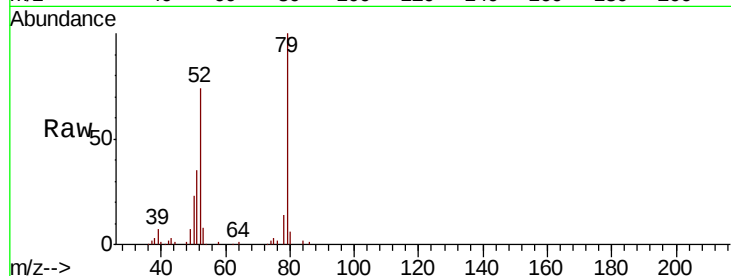
Tot Ion: 79 Resp: 84012

Ion Ratio Lower Upper

79 100

52 74.0 57.7 86.5

51 35.4 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 42.114 ng

RT: 3.73 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

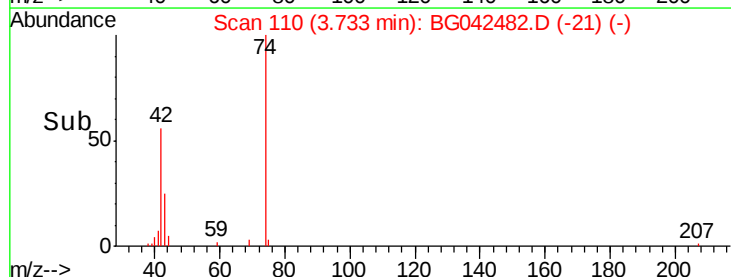
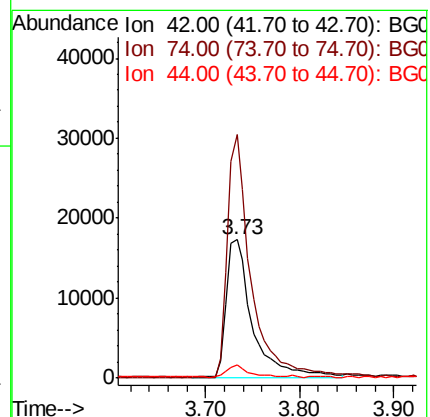
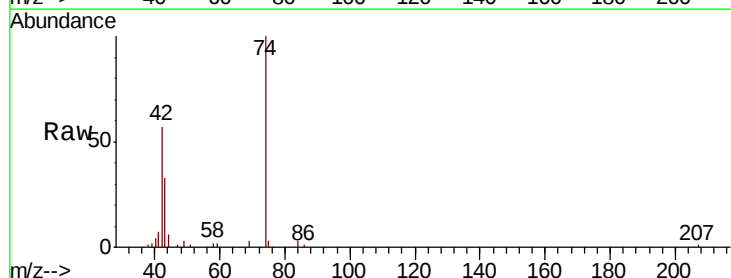
Tgt Ion: 42 Resp: 34070

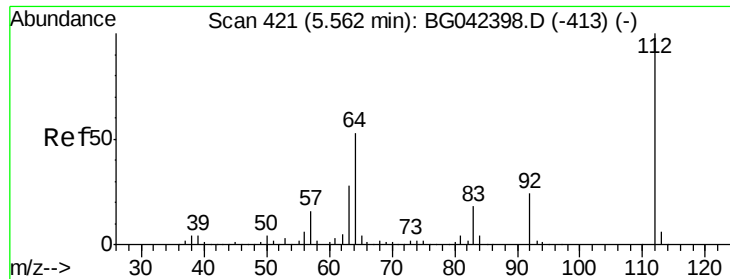
Ion Ratio Lower Upper

42 100

74 175.8 119.6 179.4

44 9.7 6.5 9.7#





#5

2-Fluorophenol

Concen: 159.090 ng

RT: 5.55 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

Instrument :

BNA_G

ClientSampled :

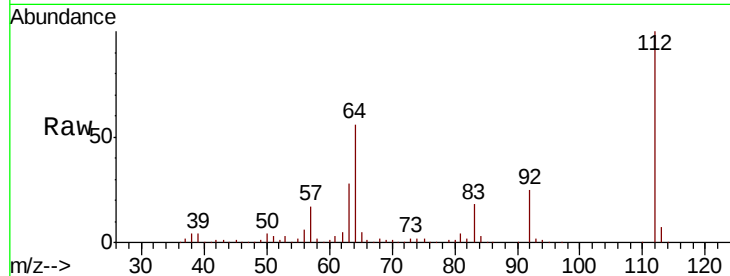
Tot Ion:112 Resp: 336743

Ion Ratio Lower Upper

112 100

64 56.5 42.8 64.2

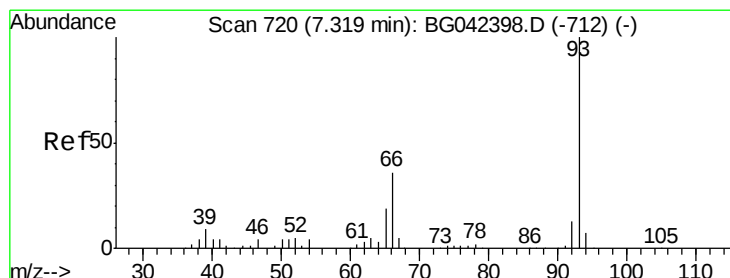
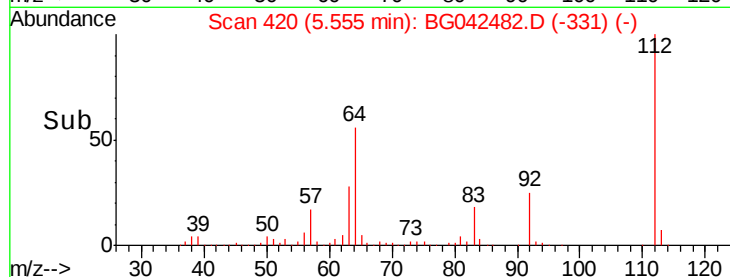
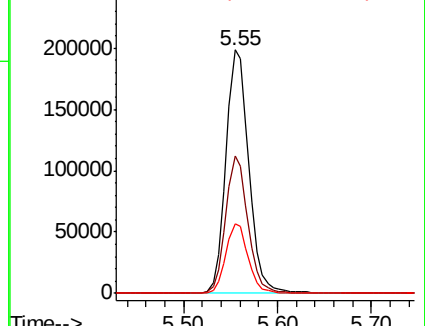
63 28.4 22.7 34.1



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: 24.612 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

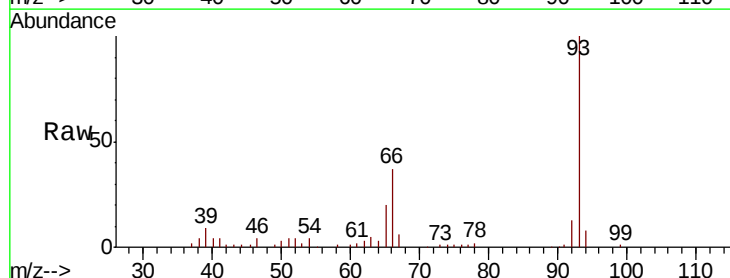
Tgt Ion: 93 Resp: 93858

Ion Ratio Lower Upper

93 100

66 37.1 29.0 43.6

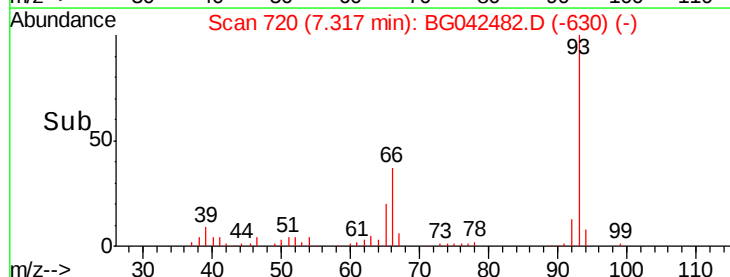
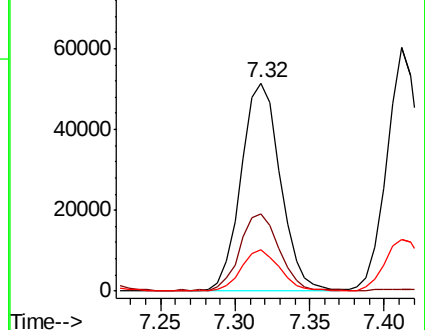
65 19.9 15.2 22.8



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: 163.978 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

Instrument :

BNA_G

ClientSampleId :

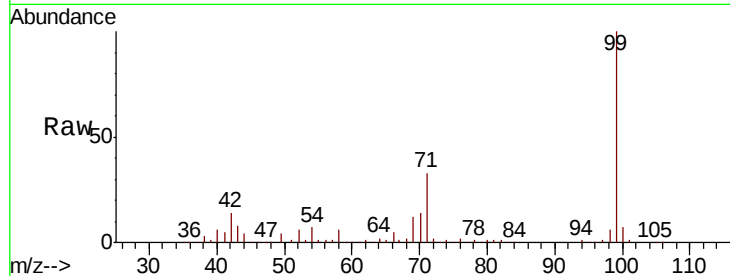
Tot Ion: 99 Resp: 468839

Ion Ratio Lower Upper

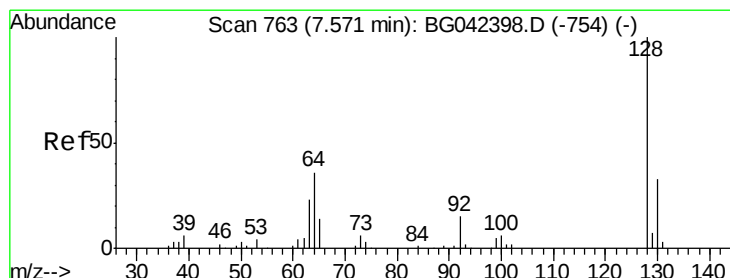
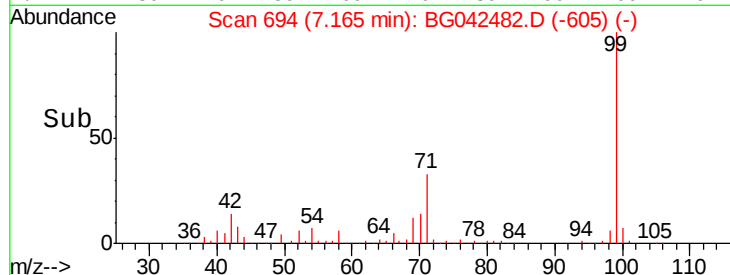
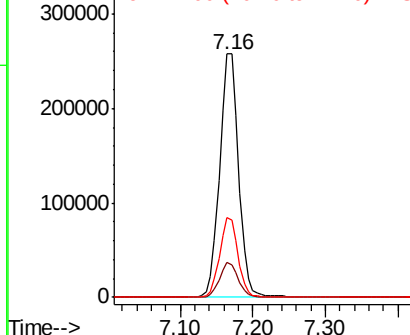
99 100

42 14.2 12.0 18.0

71 32.6 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: 44.965 ng

RT: 7.56 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

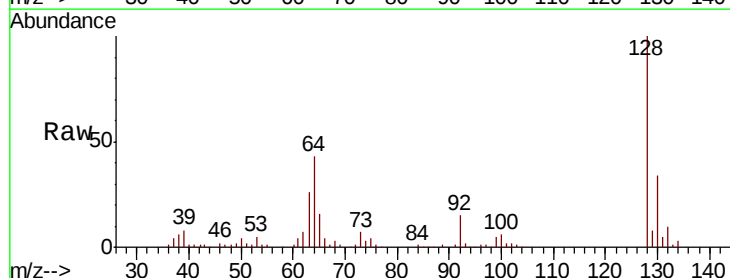
Tgt Ion: 128 Resp: 115347

Ion Ratio Lower Upper

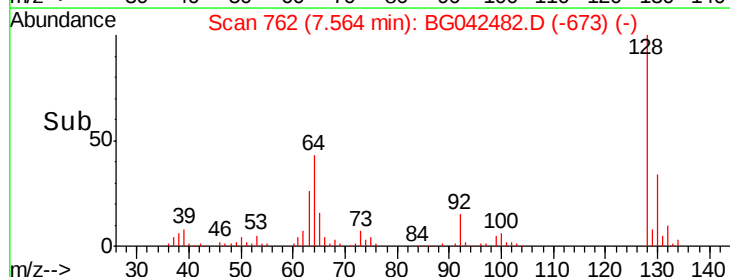
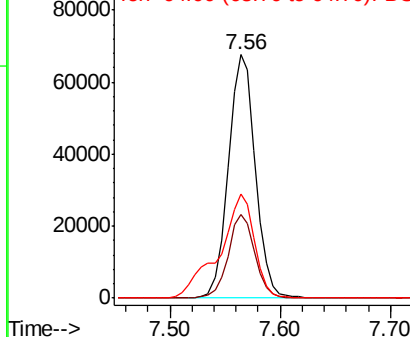
128 100

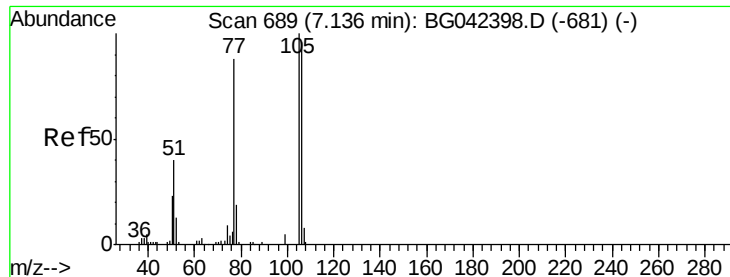
130 34.4 12.8 52.8

64 42.6 19.2 59.2



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





#9

Benzaldehyde

Concen: 27.894 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

Instrument :

BNA_G

ClientSampleId :

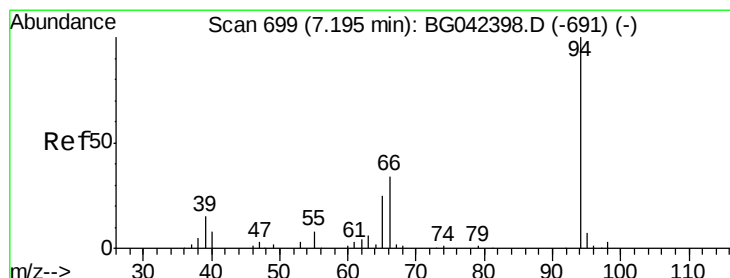
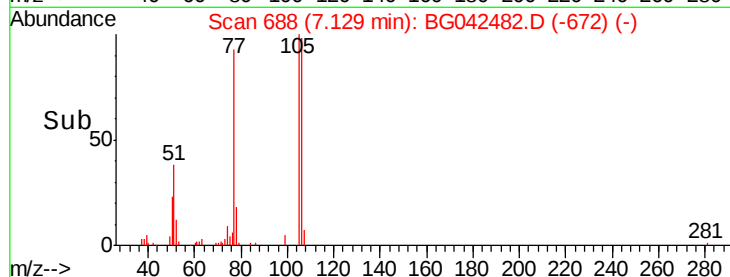
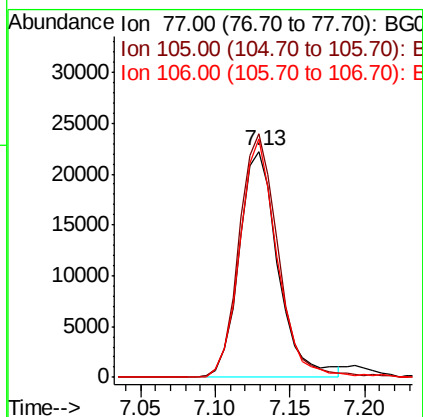
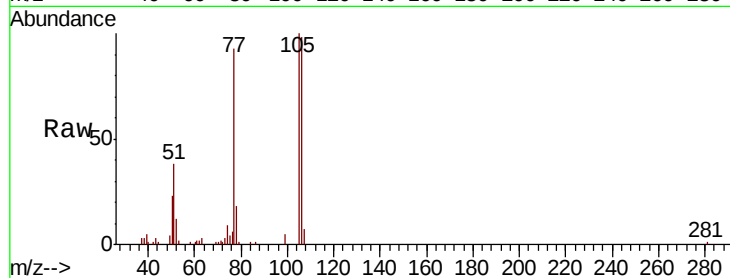
Tot Ion: 77 Resp: 39928

Ion Ratio Lower Upper

77 100

105 107.9 93.4 133.4

106 105.8 88.4 128.4



#10

Phenol

Concen: 48.507 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

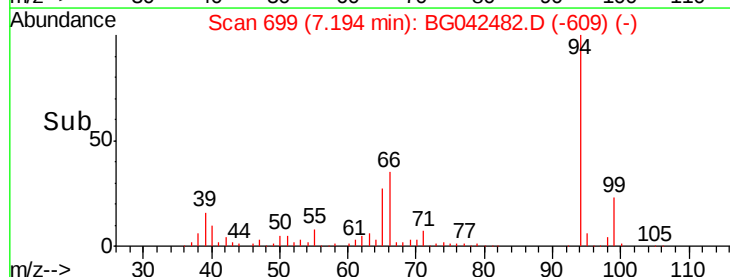
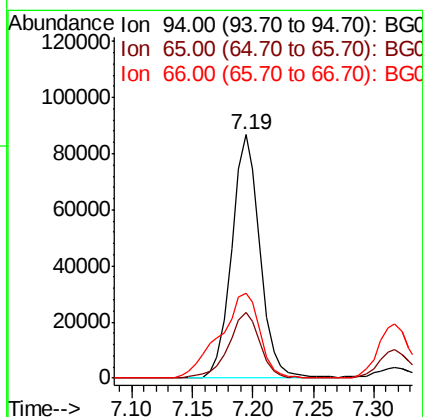
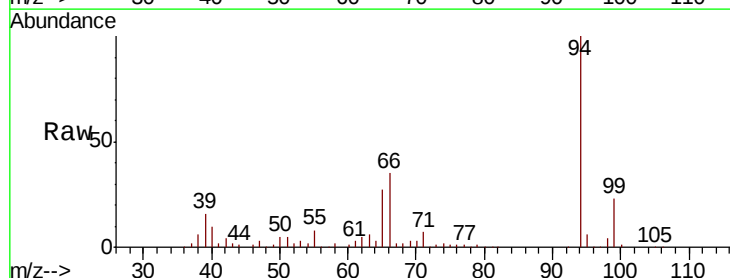
Tgt Ion: 94 Resp: 141013

Ion Ratio Lower Upper

94 100

65 26.8 5.6 45.6

66 35.1 16.0 56.0





#11

bis(2-Chloroethyl)ether

Concen: 42.255 ng

RT: 7.41 min Scan# 736

Delta R.T. -0.01 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

Instrument :

BNA_G

ClientSampleId :

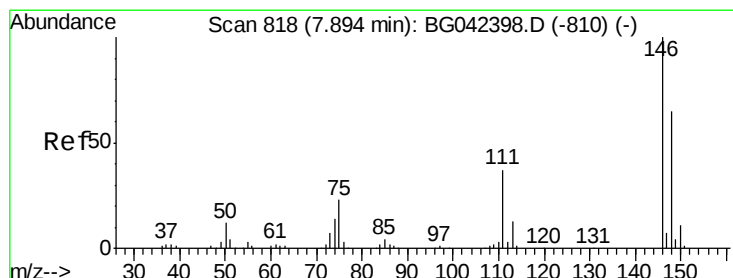
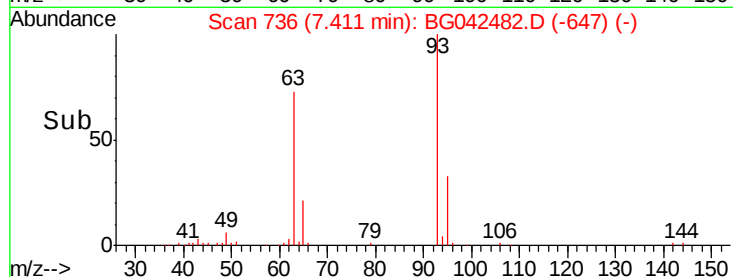
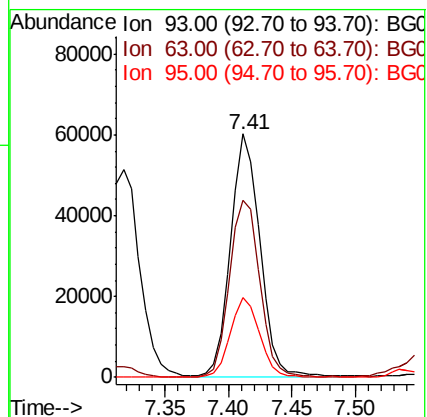
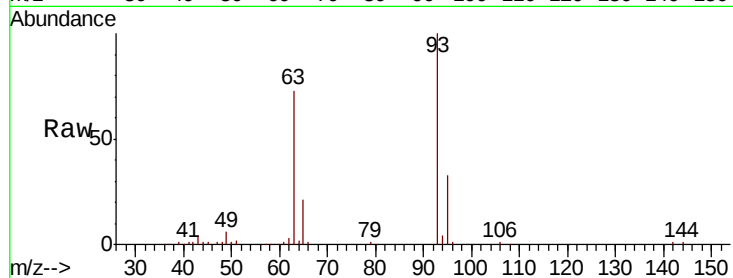
Tot Ion: 93 Resp: 96470

Ion Ratio Lower Upper

93 100

63 72.9 53.8 93.8

95 32.8 13.1 53.1



#12

1,3-Dichlorobenzene

Concen: 39.006 ng

RT: 7.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

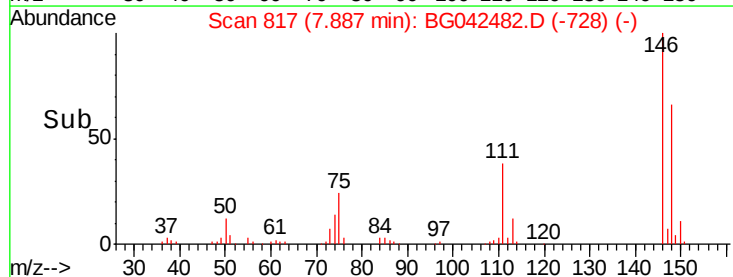
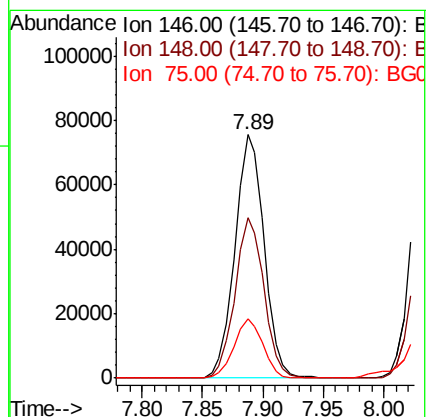
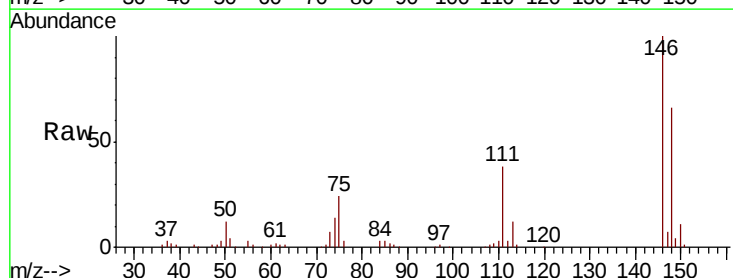
Tgt Ion: 146 Resp: 127291

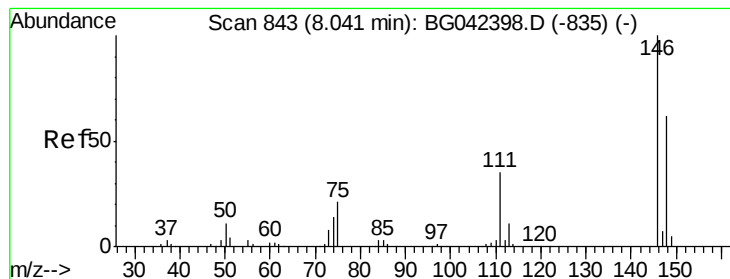
Ion Ratio Lower Upper

146 100

148 65.7 52.2 78.2

75 24.2 18.0 27.0





#13

1,4-Dichlorobenzene

Concen: 39.411 ng

RT: 8.03 min Scan# 842

Delta R.T. -0.01 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

Instrument :

BNA_G

ClientSampleId :

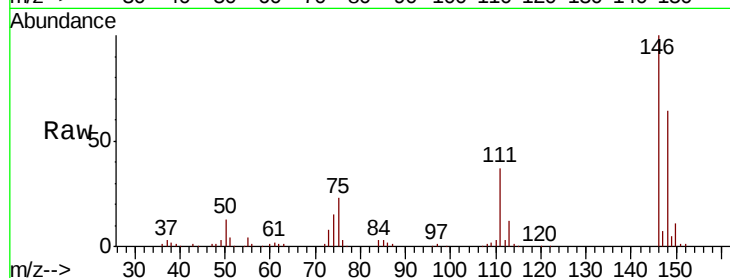
Tot Ion:146 Resp: 130274

Ion Ratio Lower Upper

146 100

148 64.2 49.5 74.3

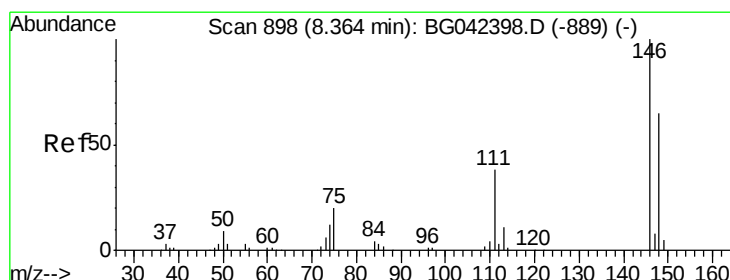
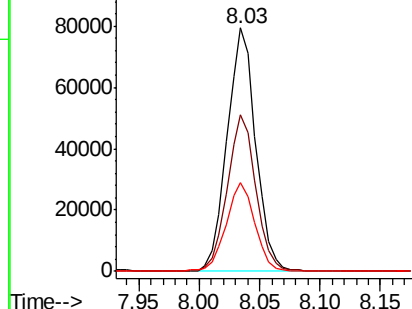
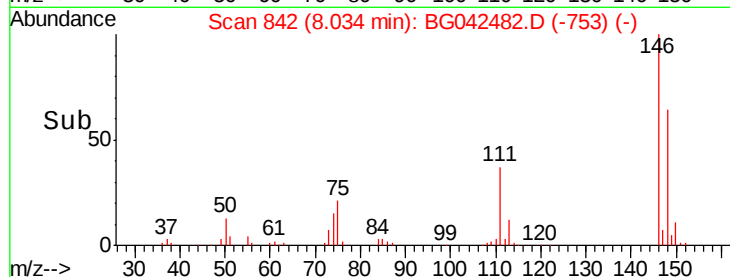
111 36.5 28.1 42.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.099 ng

RT: 8.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

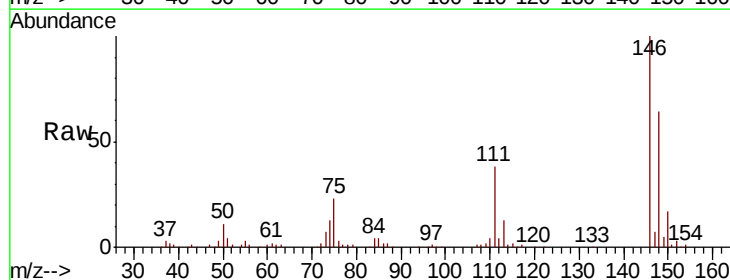
Tgt Ion:146 Resp: 123771

Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.6

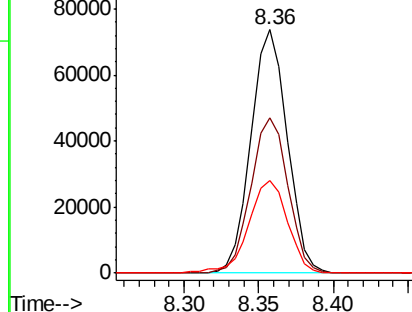
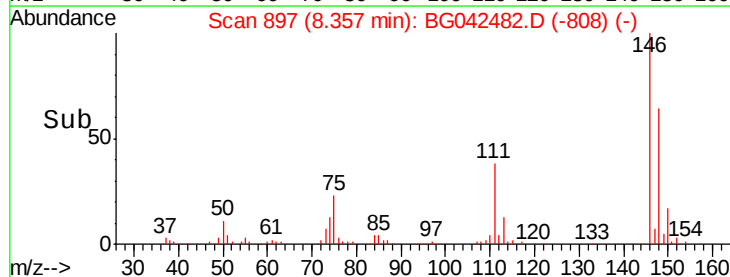
111 37.9 30.9 46.3



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: 42.576 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

Instrument :

BNA_G

ClientSampleId :

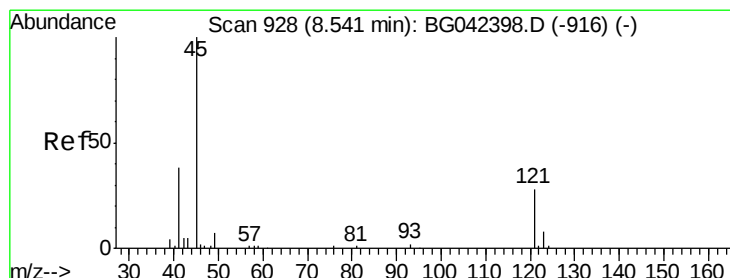
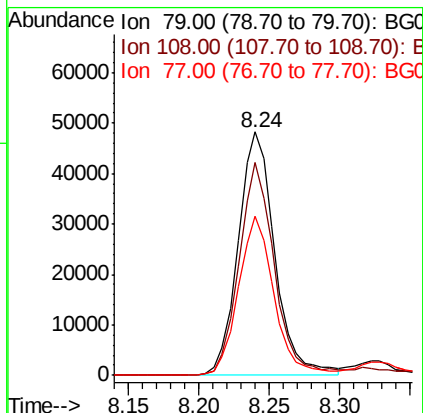
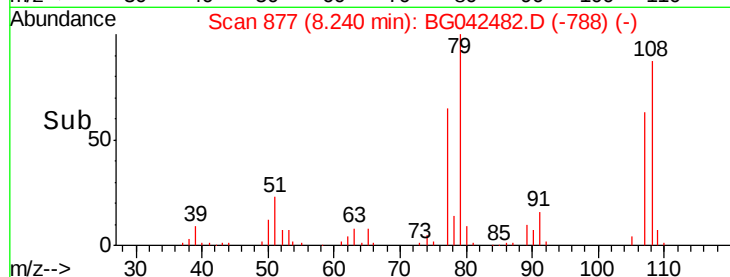
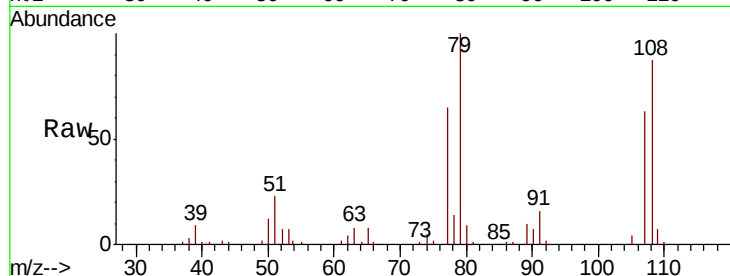
Tot Ion: 79 Resp: 87580

Ion Ratio Lower Upper

79 100

108 87.2 67.4 101.2

77 65.2 50.8 76.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.926 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

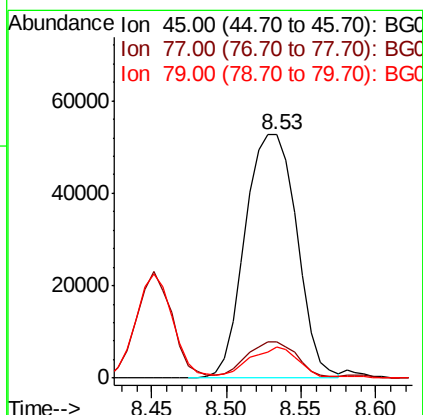
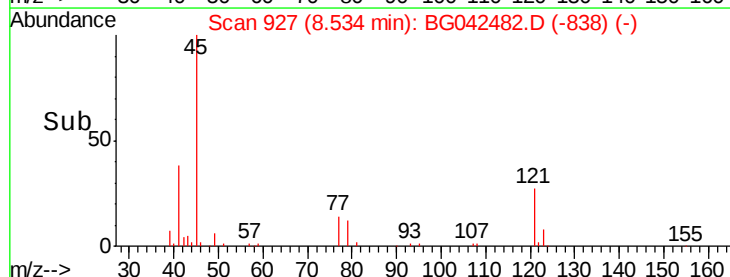
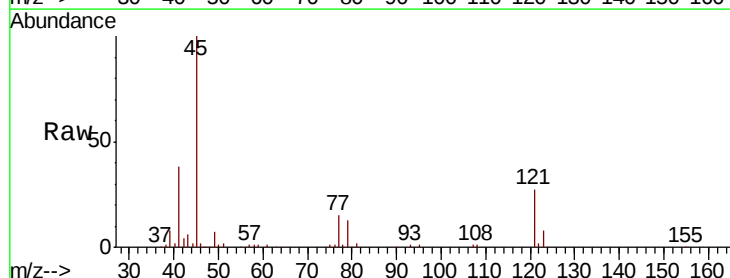
Tgt Ion: 45 Resp: 126642

Ion Ratio Lower Upper

45 100

77 14.7 0.0 35.6

79 12.6 0.0 31.6

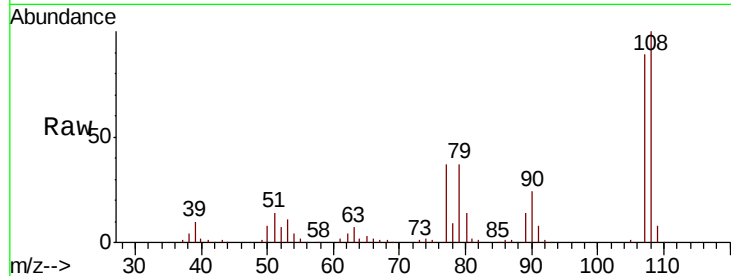




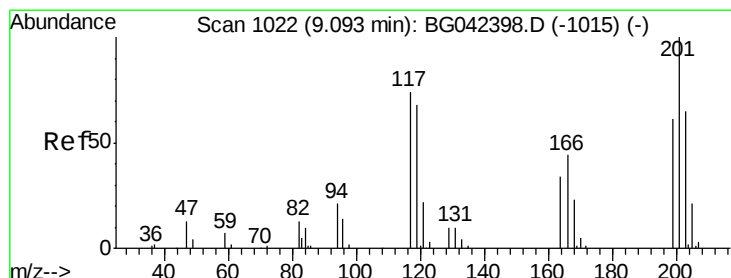
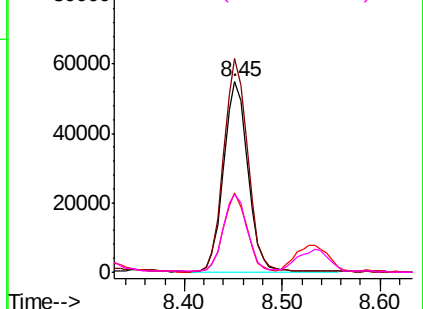
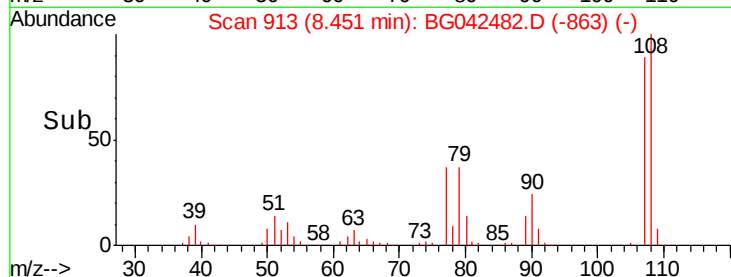
#17
2-Methylphenol
Concen: 44.898 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG042482.D
Acq: 25 Aug 2019 17:42

Instrument :
BNA_G
ClientSampled :

Tot Ion:107 Resp: 96136
Ion Ratio Lower Upper
107 100
108 112.0 92.9 139.3
77 41.9 34.4 51.6
79 40.9 33.8 50.6

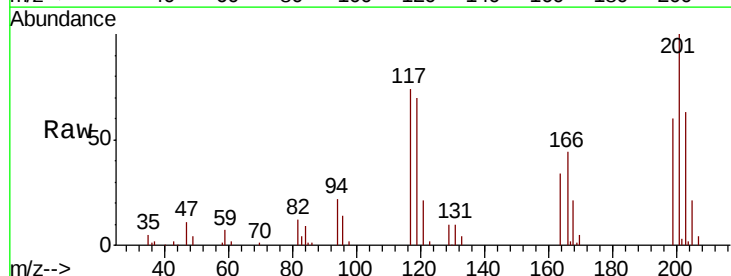


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

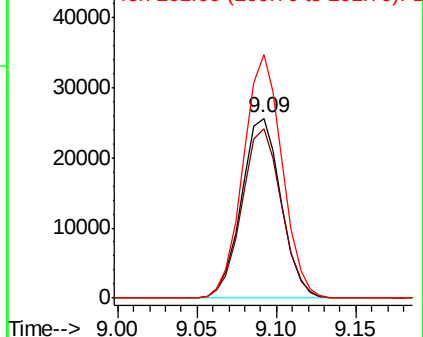
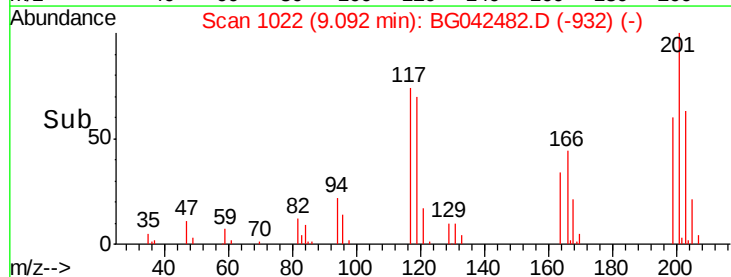


#18
Hexachloroethane
Concen: 39.153 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG042482.D
Acq: 25 Aug 2019 17:42

Tgt Ion:117 Resp: 44307
Ion Ratio Lower Upper
117 100
119 94.4 73.8 110.8
201 135.4 108.3 162.5



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

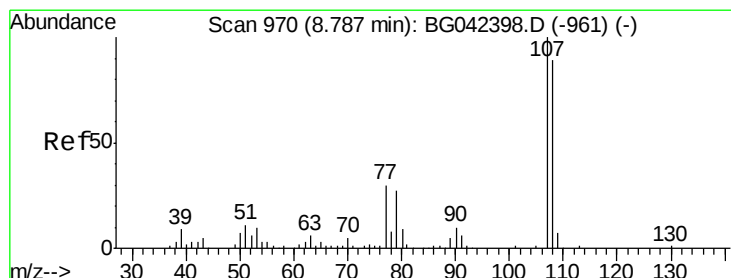
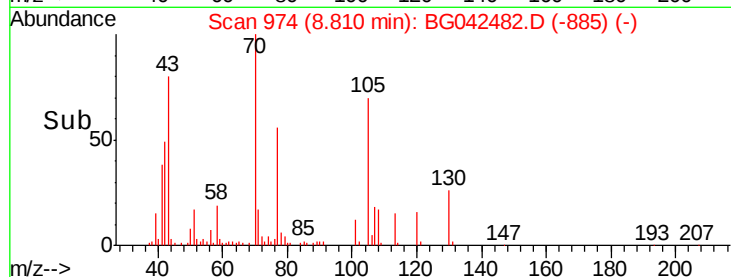
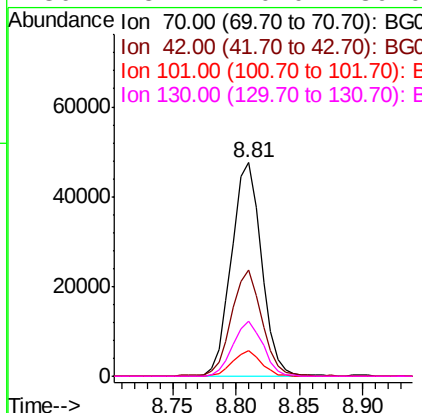
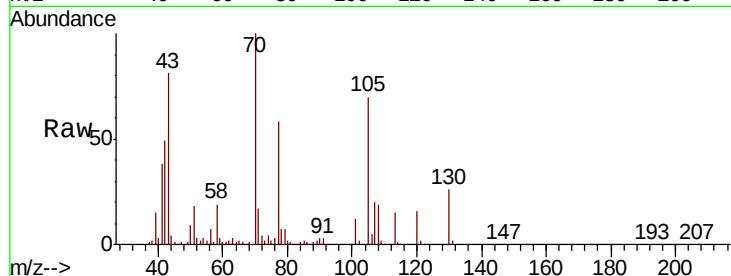




#19
n-Nitroso-di-n-propylamine
Concen: 42.163 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG042482.D
Acq: 25 Aug 2019 17:42

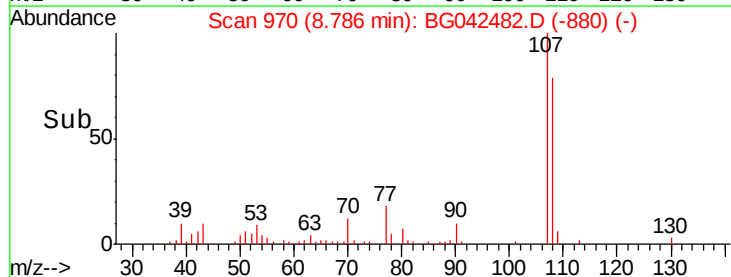
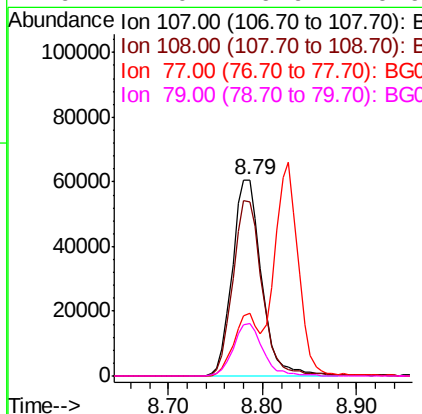
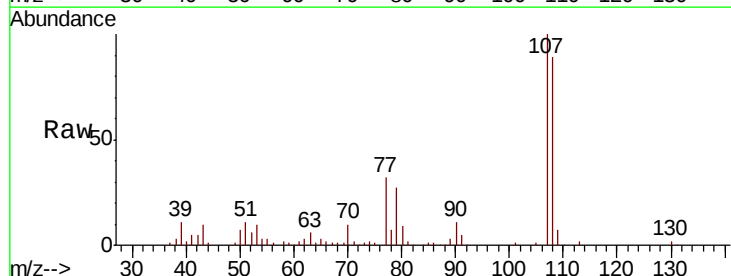
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	78099
Ion	Ratio	Lower	Upper
70	100		
42	49.5	38.8	58.2
101	11.9	9.0	13.6
130	25.7	20.0	30.0



#20
3+4-Methylphenols
Concen: 44.176 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG042482.D
Acq: 25 Aug 2019 17:42

Tgt Ion:	107	Resp:	130887
Ion	Ratio	Lower	Upper
107	100		
108	89.1	68.7	108.7
77	31.9	10.2	50.2
79	27.0	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: BG042482.D

Acq: 25 Aug 2019 17:42

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 173001

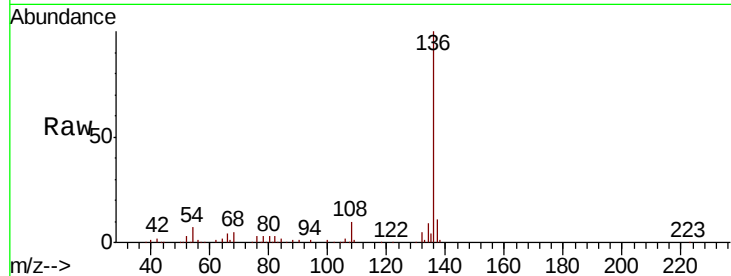
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 7.2 4.9 7.3

68 5.0 3.6 5.4

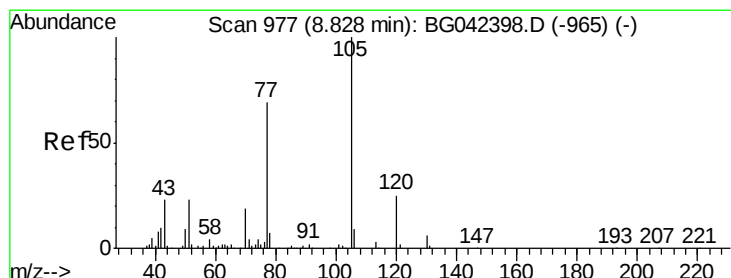
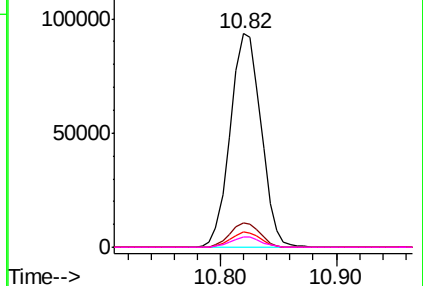
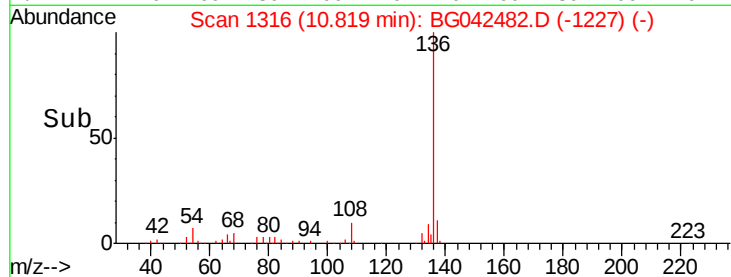


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.180 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

Tgt Ion:105 Resp: 159776

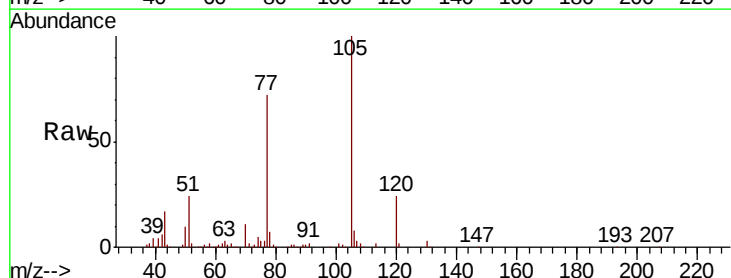
Ion Ratio Lower Upper

105 100

71 1.8 2.8 4.2#

51 23.7 18.7 28.1

120 23.9 20.1 30.1

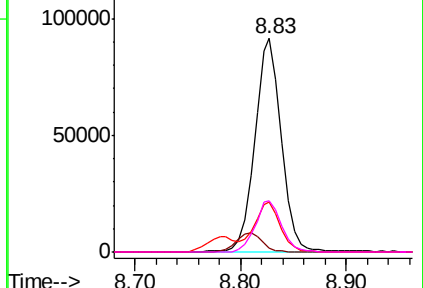
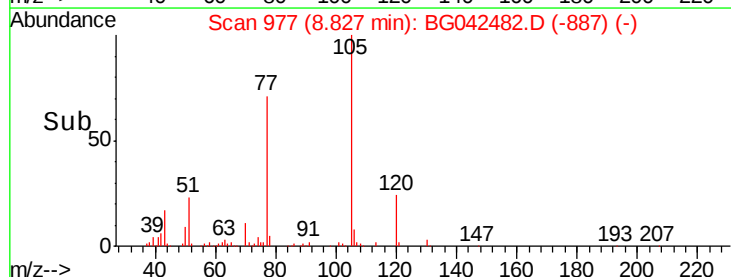


Abundance Ion 105.00 (104.70 to 105.70): E

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

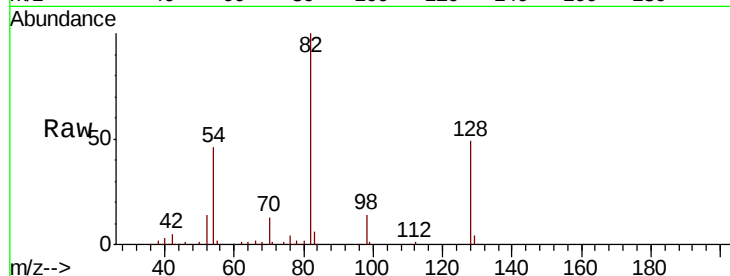




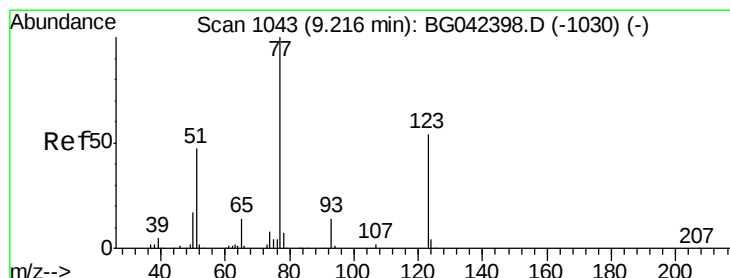
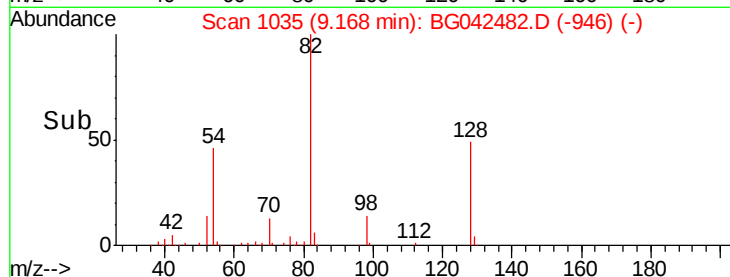
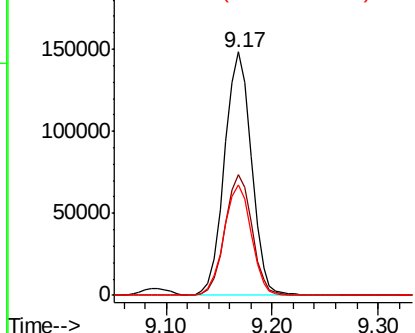
#23
 Nitrobenzene-d5
 Concen: 104.353 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG042482.D
 Acq: 25 Aug 2019 17:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	261247
Ion Ratio	Lower	Upper	
82	100		
128	49.4	40.7	61.1
54	45.5	36.3	54.5

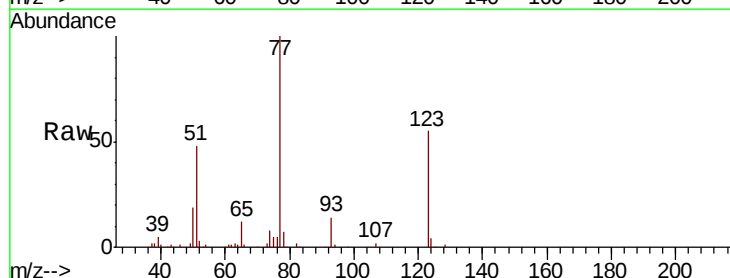


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

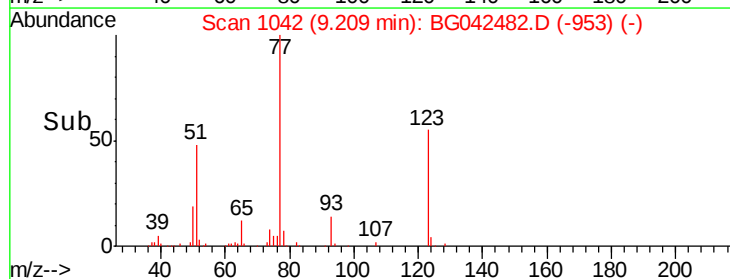
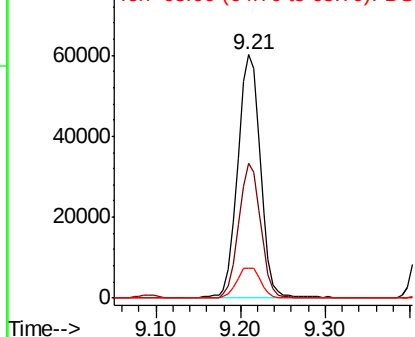


#24
 Nitrobenzene
 Concen: 43.830 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG042482.D
 Acq: 25 Aug 2019 17:42

Tgt Ion	77	Resp	111114
Ion Ratio	Lower	Upper	
77	100		
123	55.3	43.4	65.0
65	12.4	11.0	16.6



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





#25

Isophorone

Concen: 43.117 ng

RT: 9.74 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

Instrument :

BNA_G

ClientSampleId :

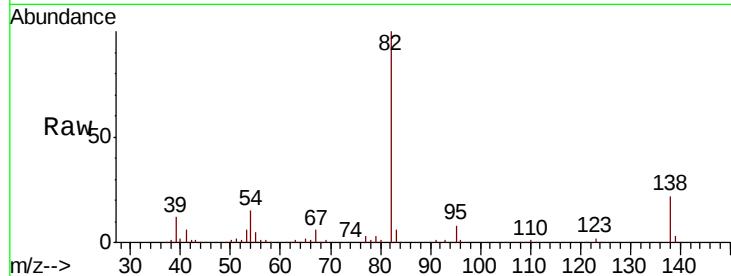
Tot Ion: 82 Resp: 213028

Ion Ratio Lower Upper

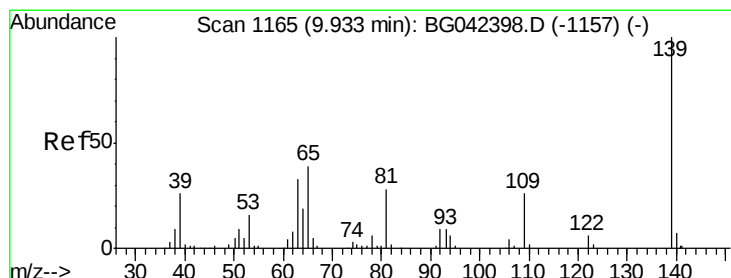
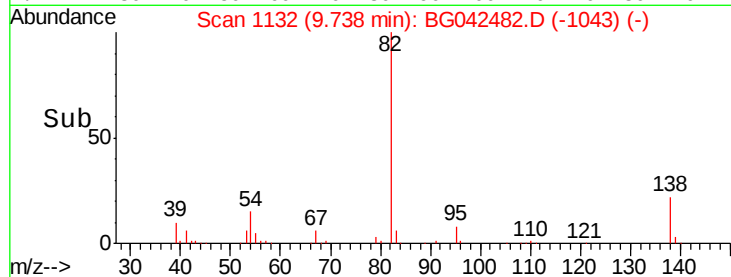
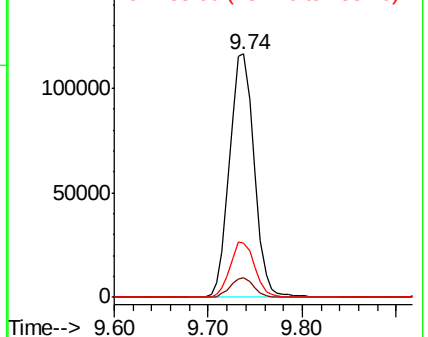
82 100

95 7.9 6.6 9.8

138 22.2 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: 44.108 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

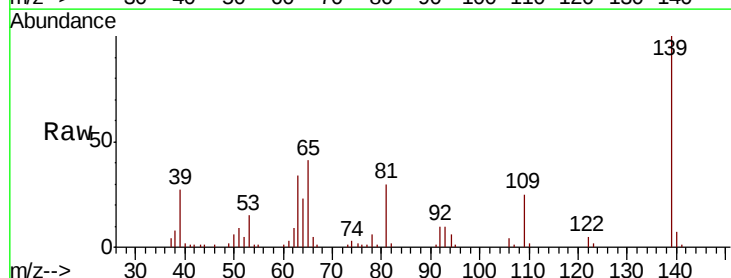
Tgt Ion: 139 Resp: 70074

Ion Ratio Lower Upper

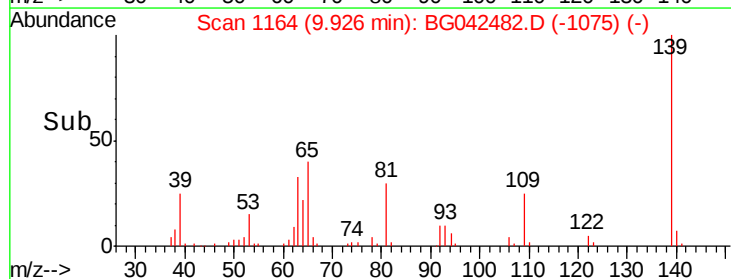
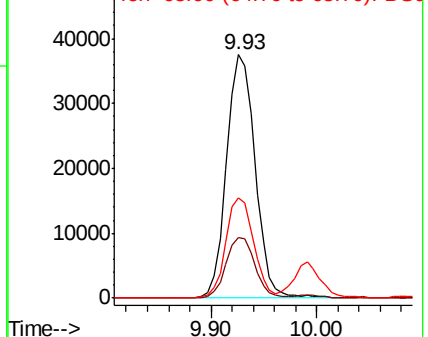
139 100

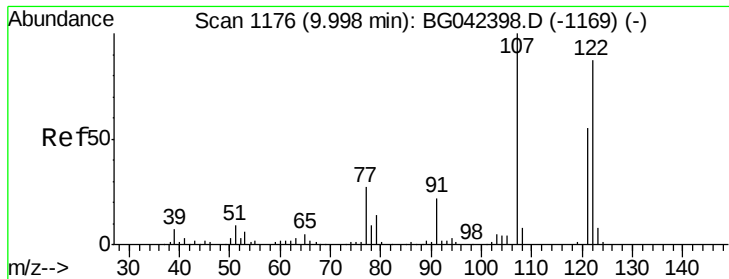
109 25.0 20.5 30.7

65 41.1 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

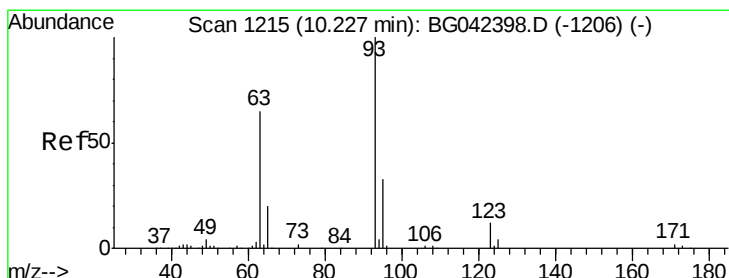
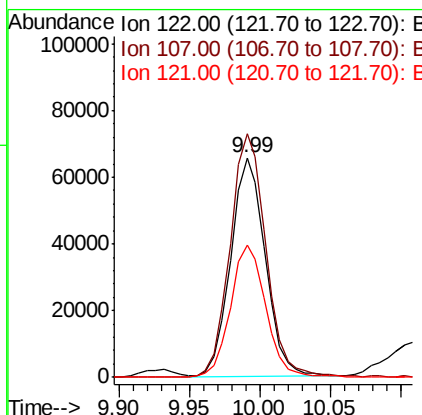
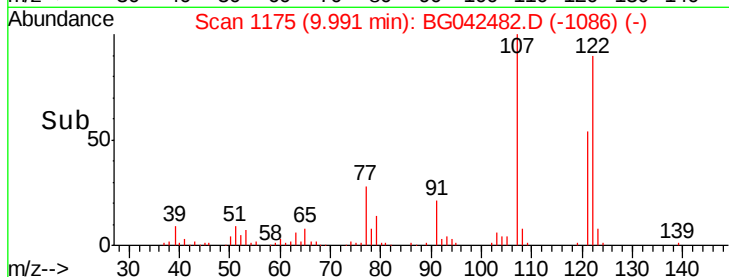
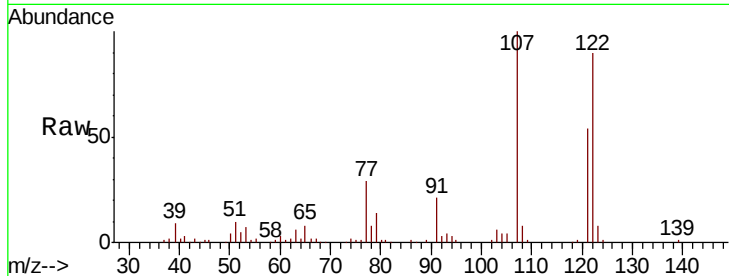




#27
 2,4-Dimethylphenol
 Concen: 50.919 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG042482.D
 Acq: 25 Aug 2019 17:42

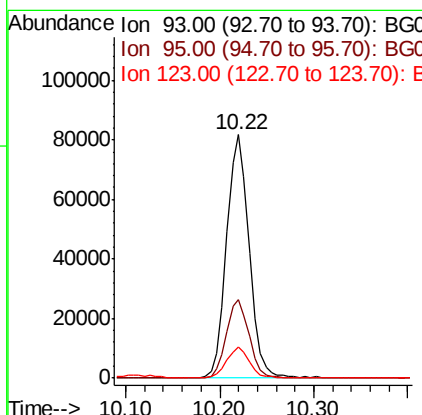
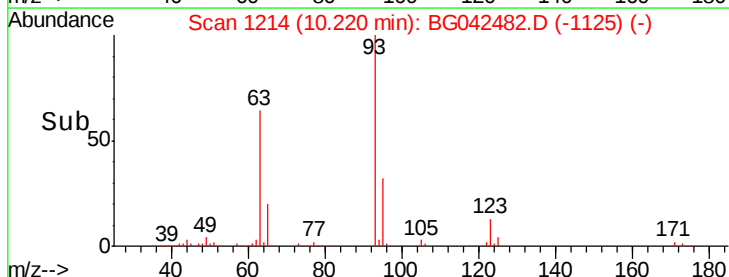
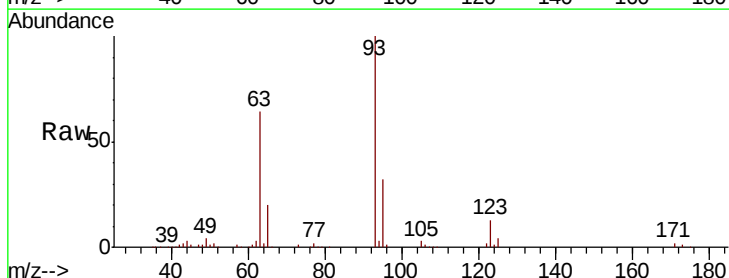
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:122 Resp: 111432
 Ion Ratio Lower Upper
 122 100
 107 110.9 90.8 136.2
 121 60.1 49.6 74.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.820 ng
 RT: 10.22 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BG042482.D
 Acq: 25 Aug 2019 17:42

Tgt Ion: 93 Resp: 136457
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.6 40.0
 123 12.8 10.1 15.1

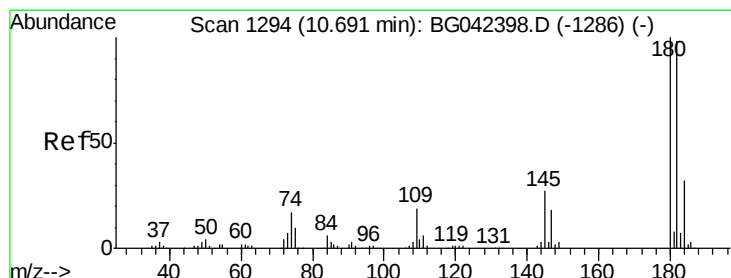
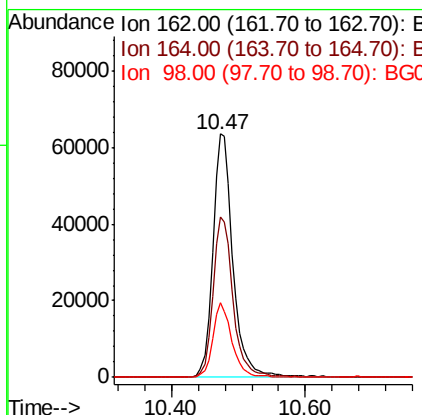
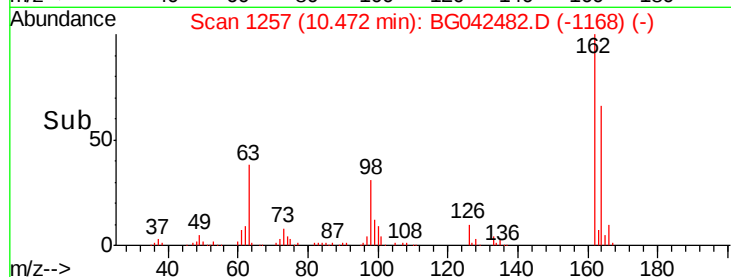
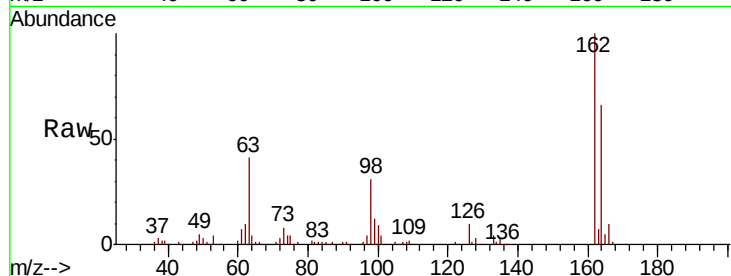




#29
2,4-Dichlorophenol
Concen: 46.658 ng
RT: 10.47 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BG042482.D
Acq: 25 Aug 2019 17:42

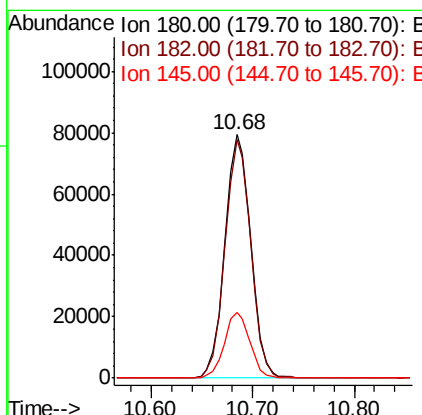
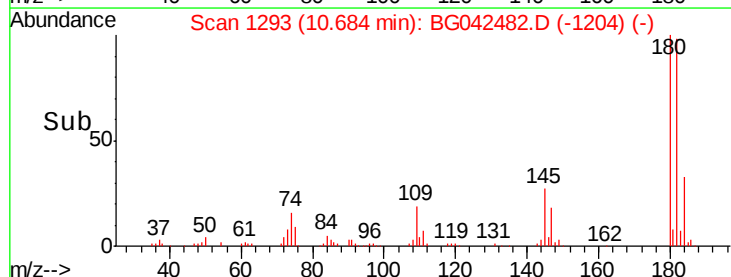
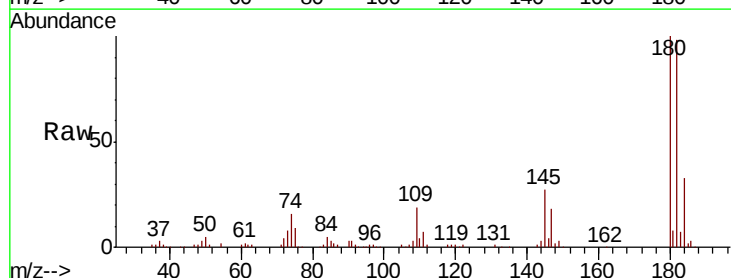
Instrument :
BNA_G
ClientSampleId :

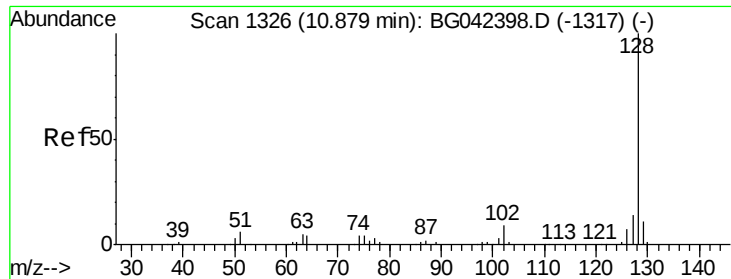
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.1	48.1	88.1
98	30.6	7.6	47.6



#30
1,2,4-Trichlorobenzene
Concen: 39.920 ng
RT: 10.68 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG042482.D
Acq: 25 Aug 2019 17:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.0	78.7	118.1
145	27.2	21.6	32.4

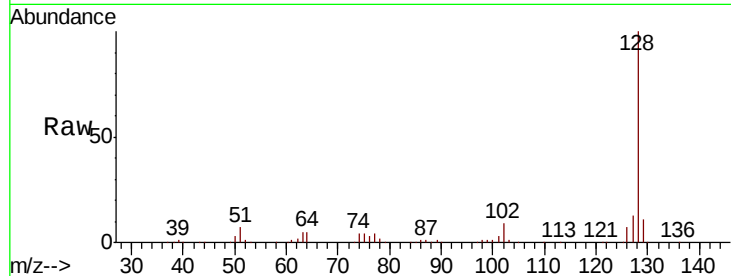




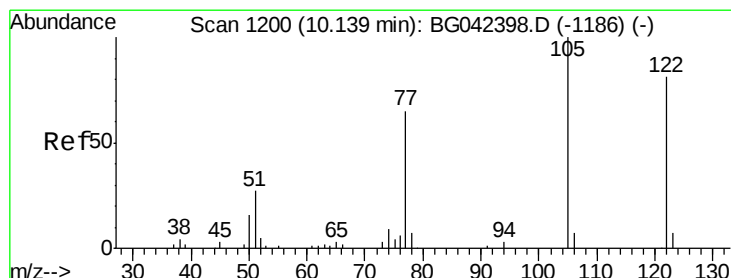
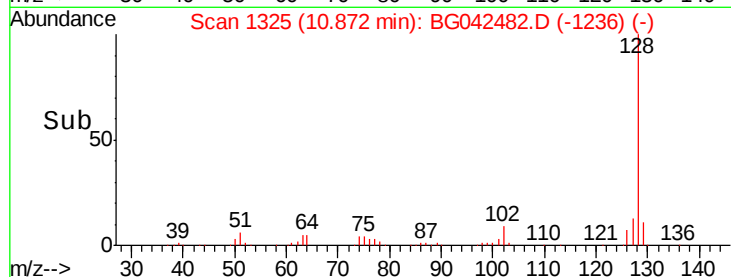
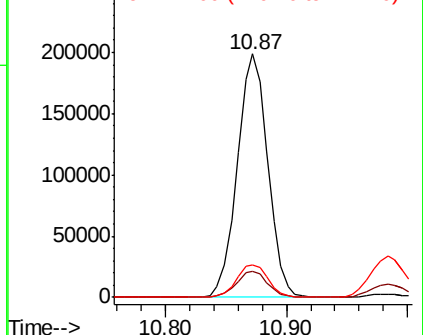
#31
Naphthalene
Concen: 43.647 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042482.D
Acq: 25 Aug 2019 17:42

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 350574
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.5 11.4 17.0

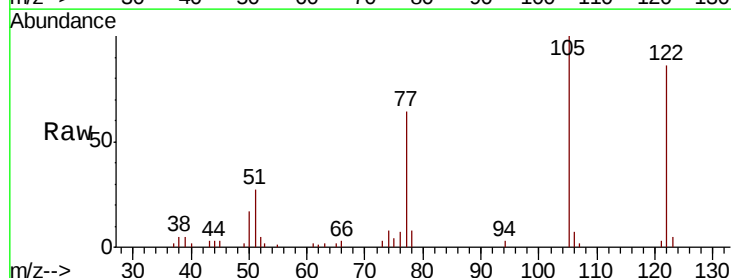


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

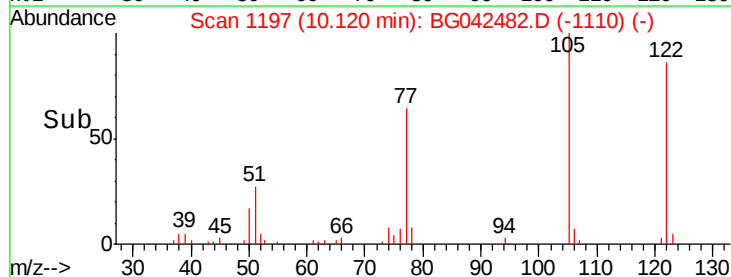
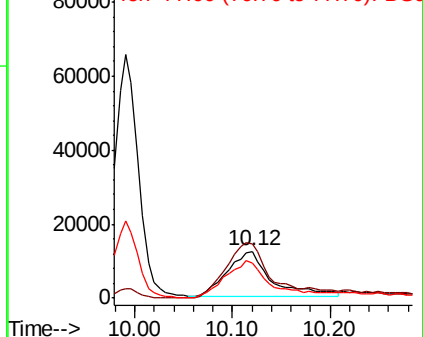


#32
Benzoic acid
Concen: 27.975 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BG042482.D
Acq: 25 Aug 2019 17:42

Tgt Ion:122 Resp: 37907
Ion Ratio Lower Upper
122 100
105 116.7 99.6 139.6
77 75.2 59.5 99.5



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

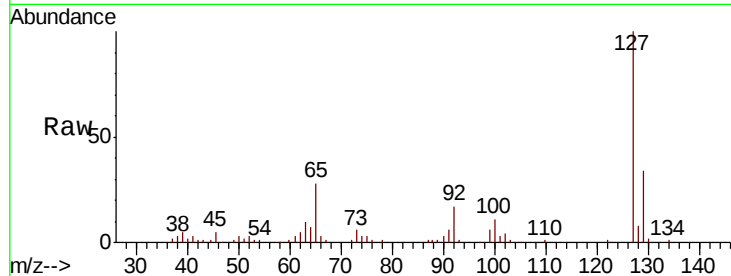




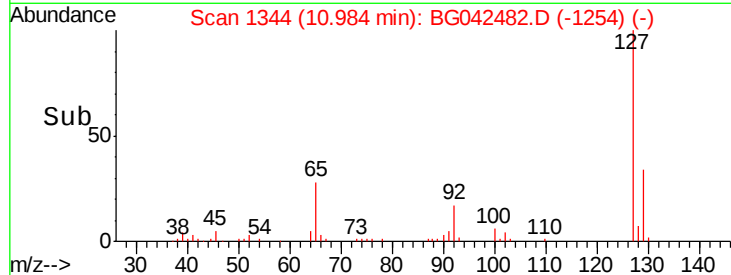
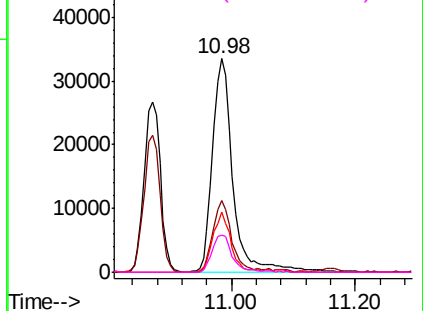
#33
4-Chloroaniline
Concen: 20.606 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG042482.D
Acq: 25 Aug 2019 17:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	76402
Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.8	40.2
65	28.0	20.7	31.1
92	17.3	13.6	20.4

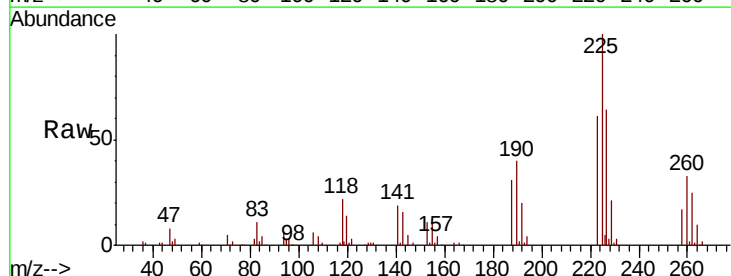


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

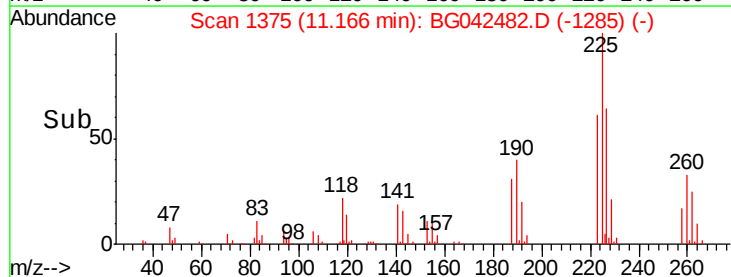
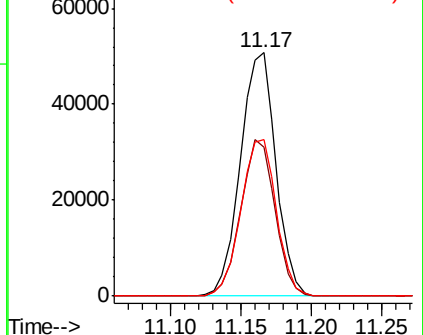


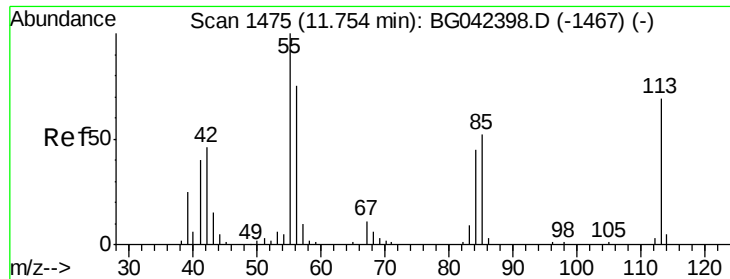
#34
Hexachlorobutadiene
Concen: 37.816 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG042482.D
Acq: 25 Aug 2019 17:42

Tgt Ion:	225	Resp:	89318
Ion	Ratio	Lower	Upper
225	100		
223	60.9	49.8	74.6
227	64.2	50.9	76.3



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





#35

Caprolactam

Concen: 24.832 ng

RT: 11.75 min Scan# 1475

Delta R.T. -0.00 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

Instrument :

BNA_G

ClientSampled :

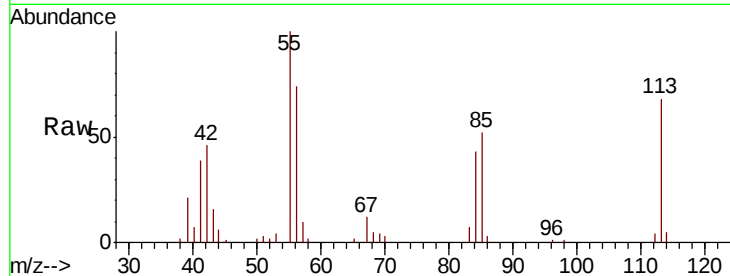
Tot Ion:113 Resp: 23724

Ion Ratio Lower Upper

113 100

55 147.6 124.6 164.6

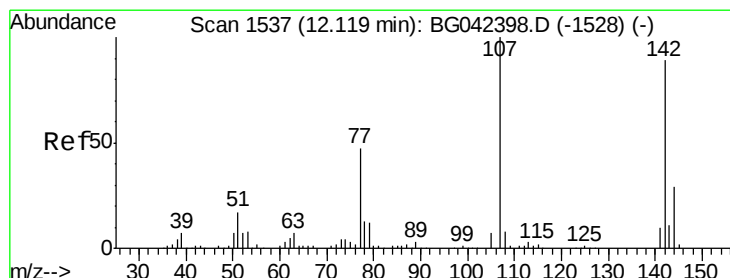
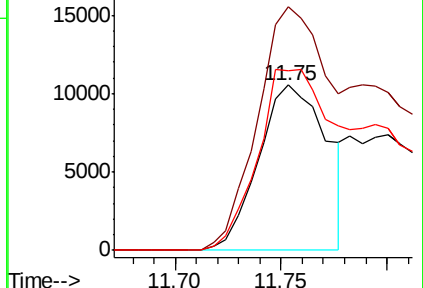
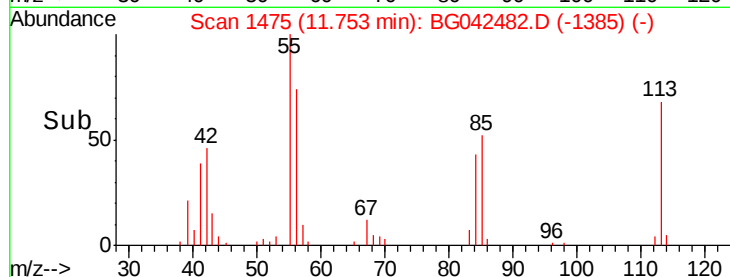
56 109.2 88.3 128.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 47.790 ng

RT: 12.12 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

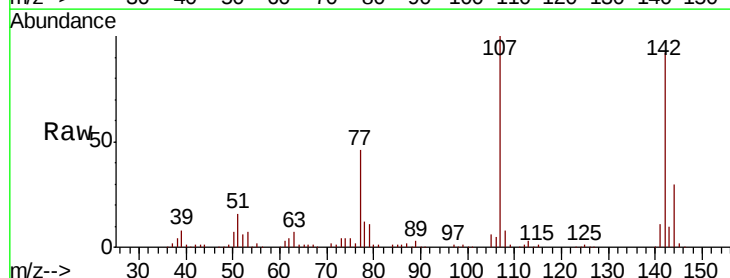
Tgt Ion:107 Resp: 129895

Ion Ratio Lower Upper

107 100

144 29.6 23.6 35.4

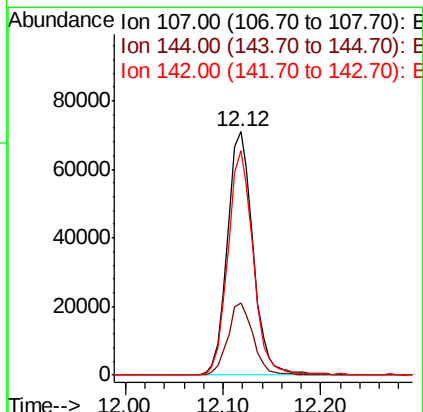
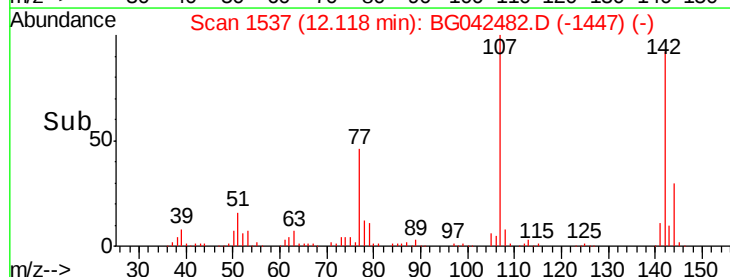
142 92.2 71.0 106.4

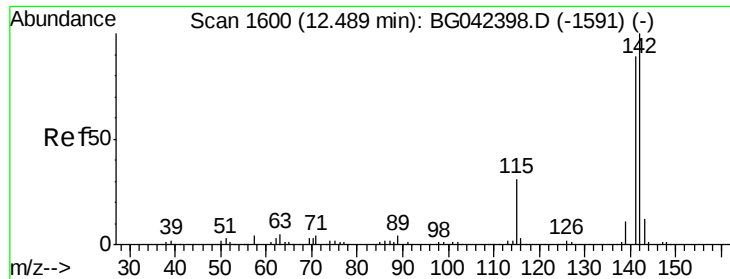


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

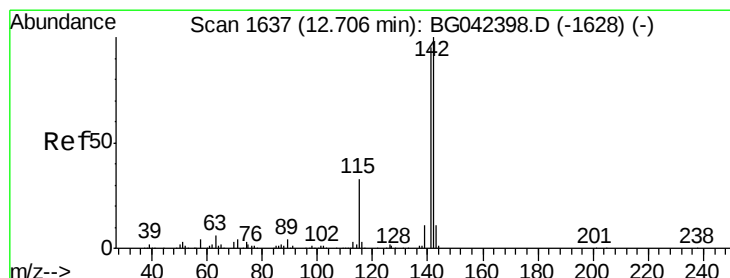
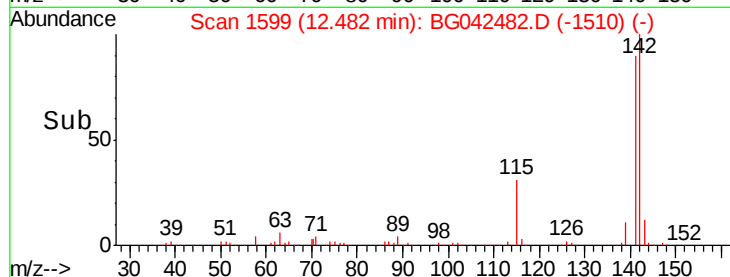
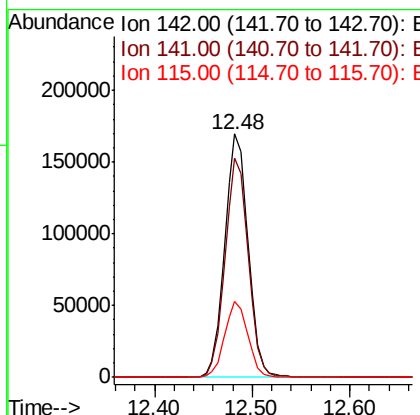
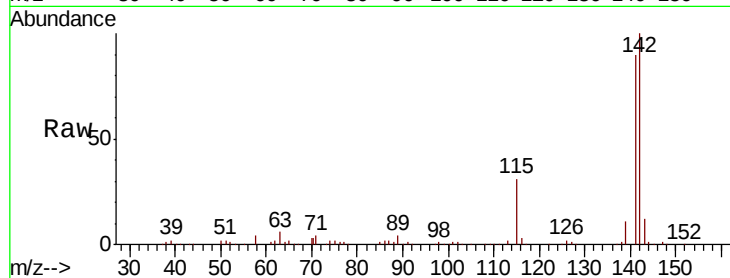




#37
 2-Methylnaphthalene
 Concen: 43.657 ng
 RT: 12.48 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BG042482.D
 Acq: 25 Aug 2019 17:42

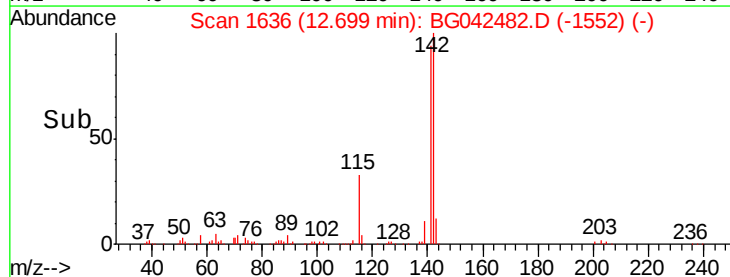
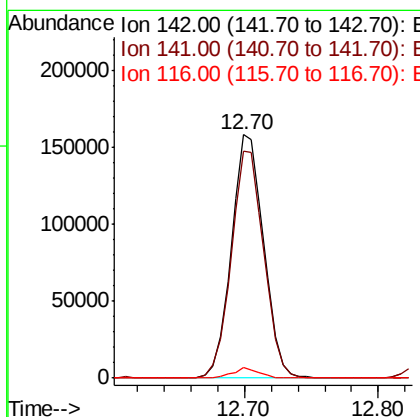
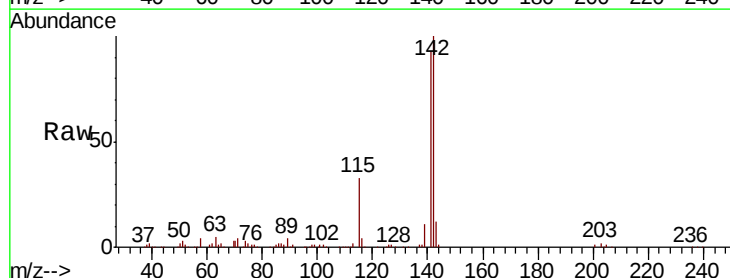
Instrument :
 BNA_G
 ClientSampled :

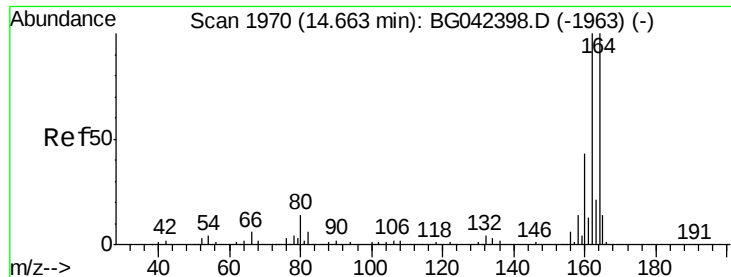
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.4	107.2
115	31.2	25.2	37.8



#38
 1-Methylnaphthalene
 Concen: 43.346 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BG042482.D
 Acq: 25 Aug 2019 17:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	76.2	114.2
116	4.2	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: BG042482.D

Acq: 25 Aug 2019 17:42

Instrument :

BNA_G

ClientSampleId :

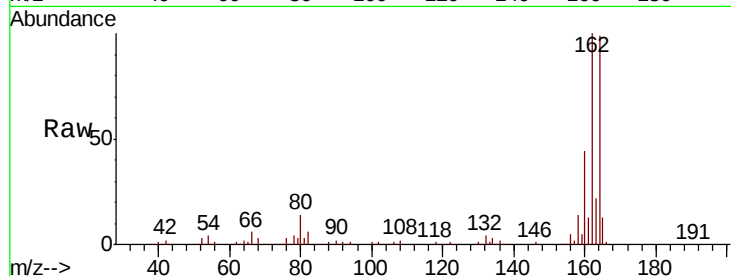
Tot Ion:164 Resp: 130714

Ion Ratio Lower Upper

164 100

162 100.9 79.9 119.9

160 44.0 34.3 51.5

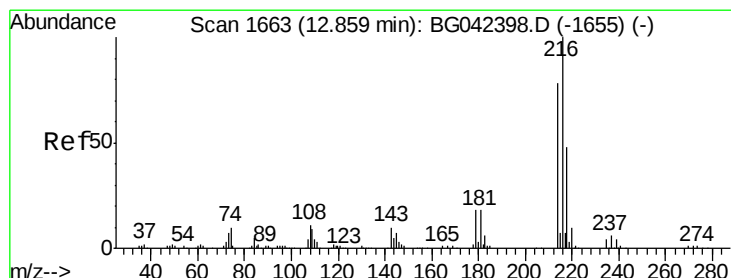
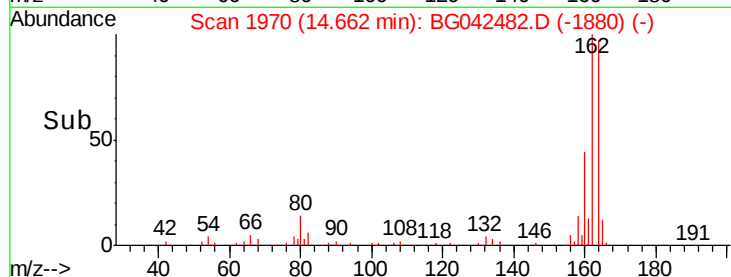
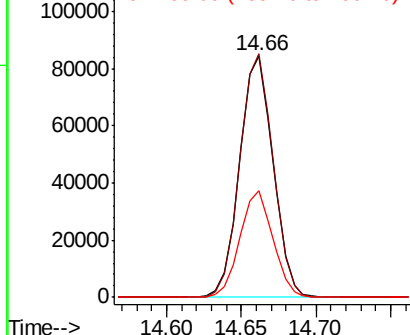


Abundance

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: 40.959 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

Tgt Ion:216 Resp: 171935

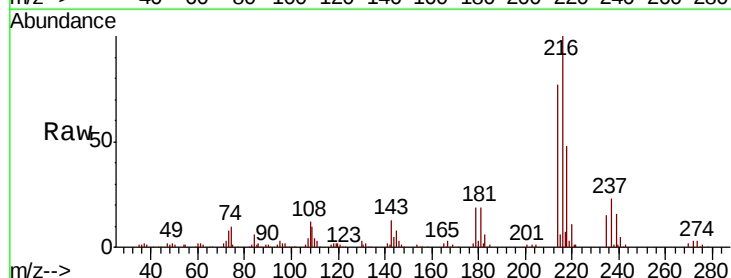
Ion Ratio Lower Upper

216 100

214 77.2 61.4 92.2

179 19.1 15.1 22.7

108 13.4 9.4 14.0



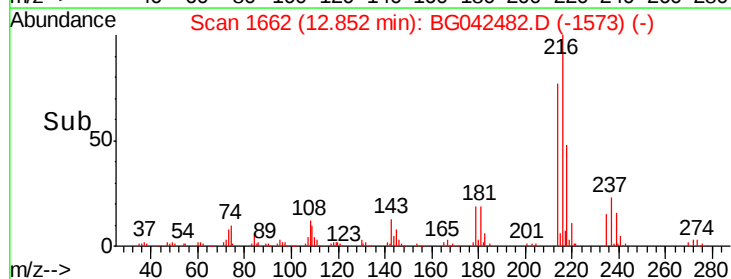
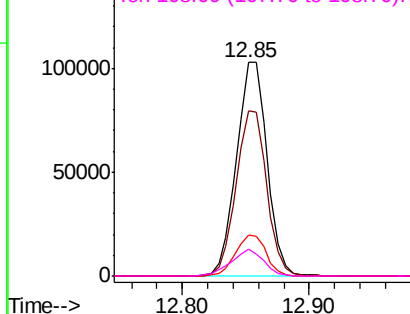
Abundance

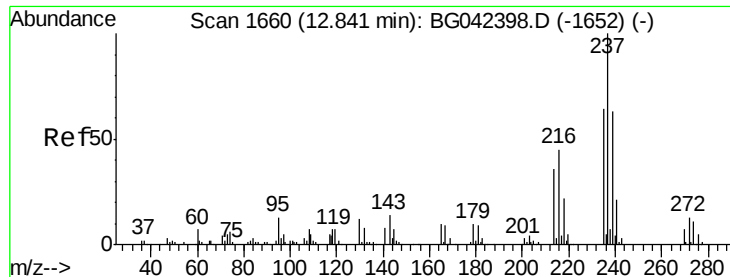
Ion 216.00 (215.70 to 216.70): E

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: 78.987 ng

RT: 12.83 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

Instrument :

BNA_G

ClientSampled :

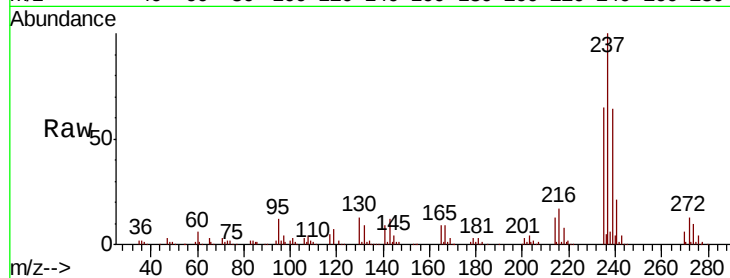
Tot Ion:237 Resp: 174167

Ion Ratio Lower Upper

237 100

235 64.7 43.7 83.7

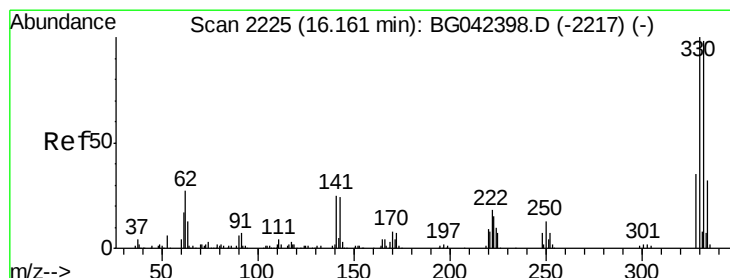
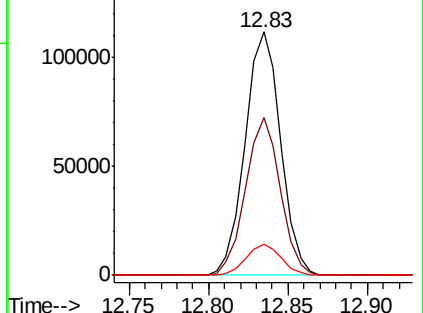
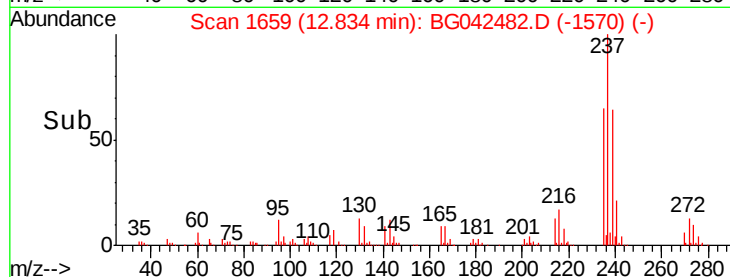
272 12.6 0.0 33.3



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: 153.959 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

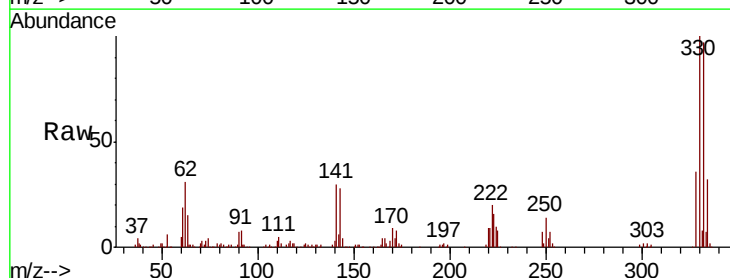
Tgt Ion:330 Resp: 286039

Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.0

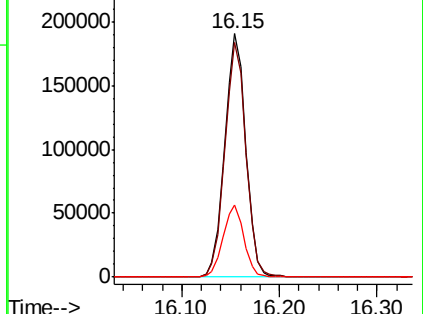
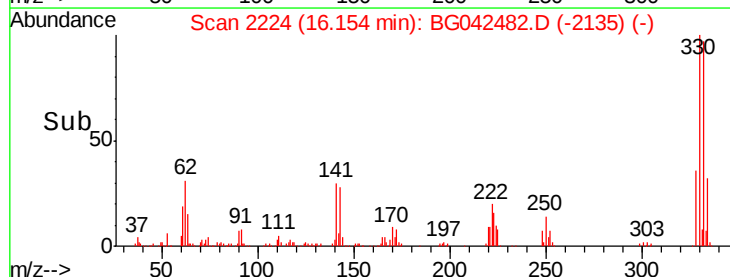
141 29.2 21.4 32.0



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

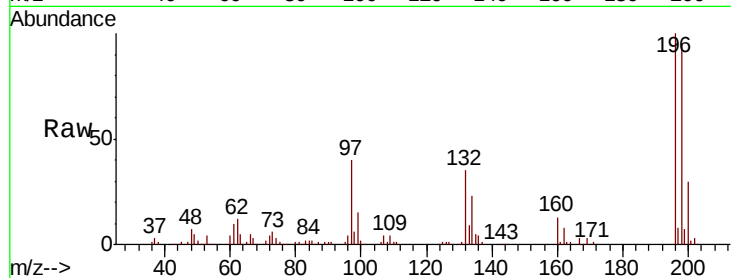




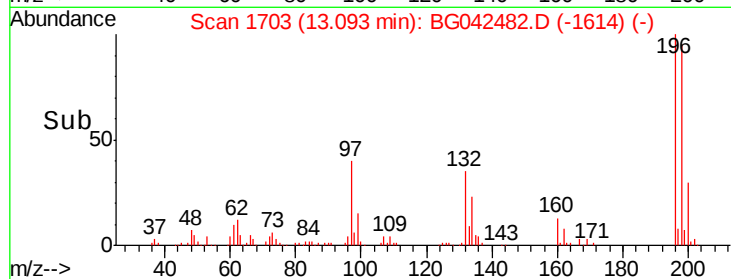
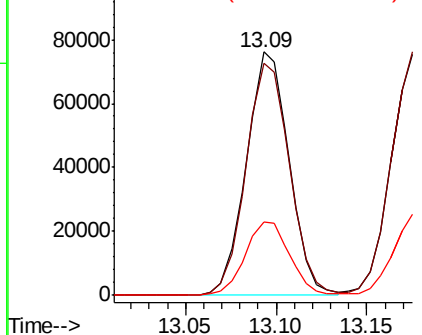
#43
 2,4,6-Trichlorophenol
 Concen: 44.006 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042482.D
 Acq: 25 Aug 2019 17:42

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	196	Resp:	124860
Ion	Ratio	Lower	Upper
196	100		
198	95.5	80.7	121.1
200	30.0	25.7	38.5

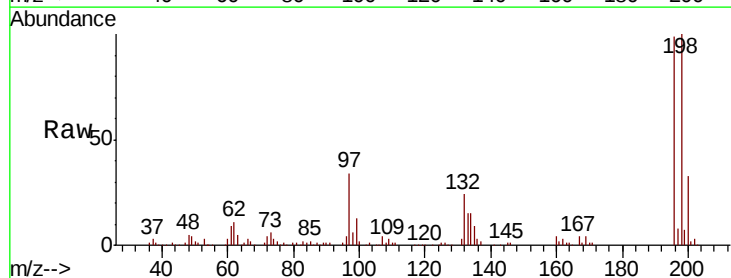


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

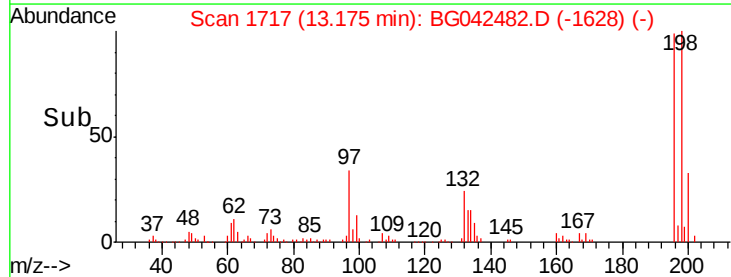
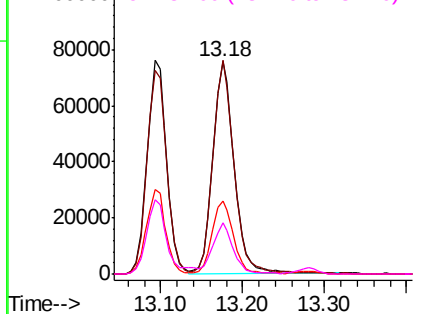


#44
 2,4,5-Trichlorophenol
 Concen: 46.604 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG042482.D
 Acq: 25 Aug 2019 17:42

Tgt Ion:	196	Resp:	137030
Ion	Ratio	Lower	Upper
196	100		
198	100.8	80.2	120.4
97	34.3	26.3	39.5
132	24.2	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

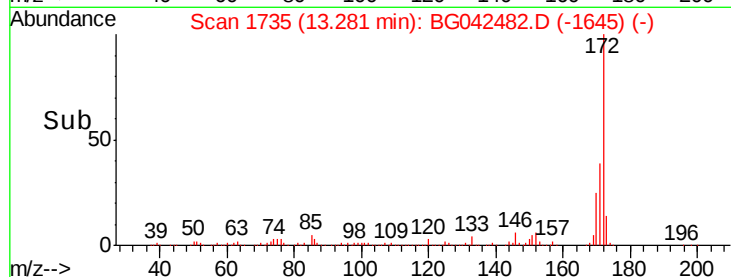
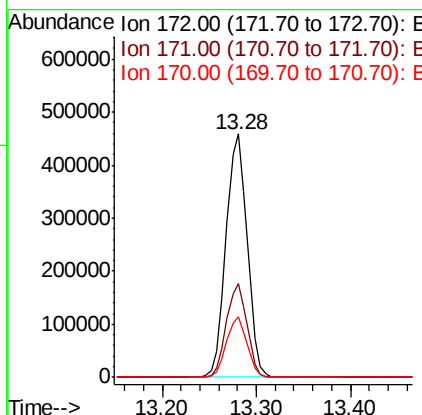
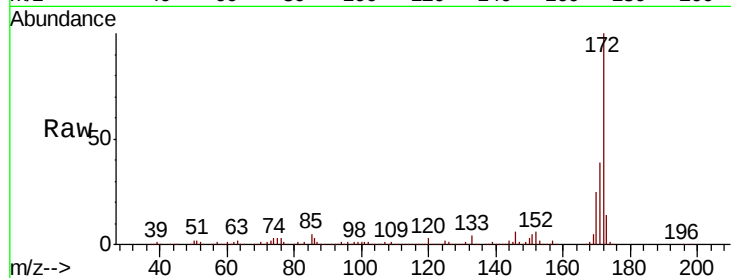




#45
2-Fluorobiphenyl
Concen: 92.735 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG042482.D
Acq: 25 Aug 2019 17:42

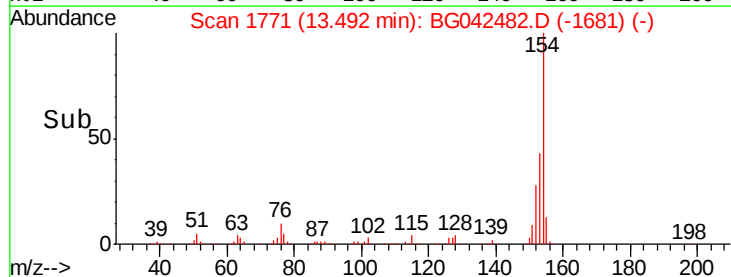
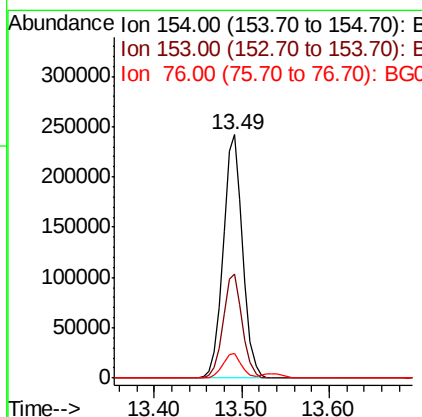
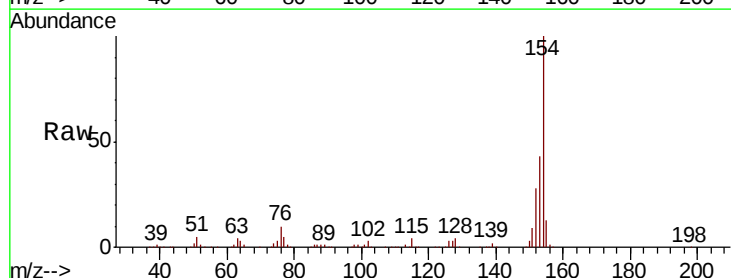
Instrument :
BNA_G
ClientSampleId :

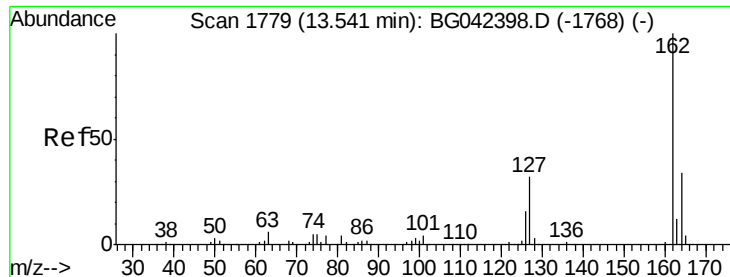
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.5	45.7
170	25.0	20.2	30.2



#46
1,1'-Biphenyl
Concen: 43.518 ng
RT: 13.49 min Scan# 1771
Delta R.T. -0.00 min
Lab File: BG042482.D
Acq: 25 Aug 2019 17:42

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	23.0	63.0
76	10.1	0.0	29.6

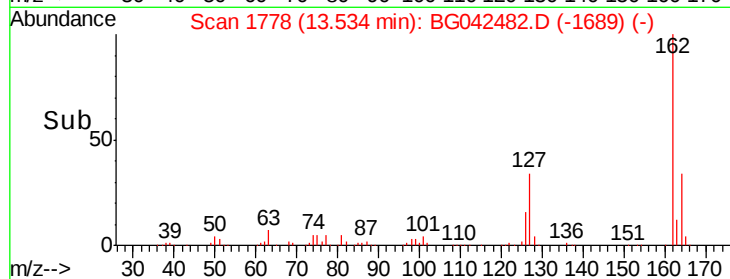
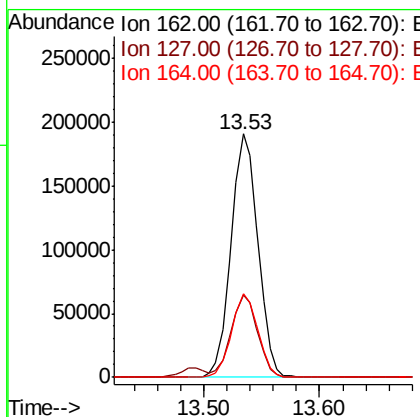
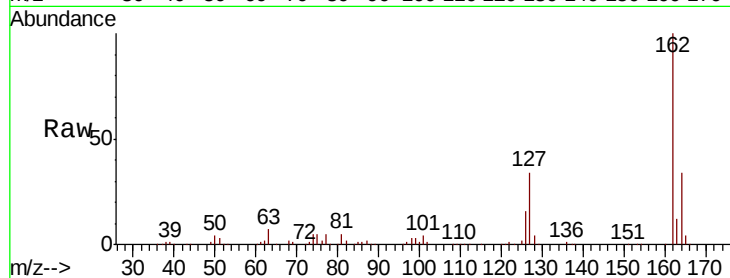




#47
 2-Chloronaphthalene
 Concen: 42.179 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG042482.D
 Acq: 25 Aug 2019 17:42

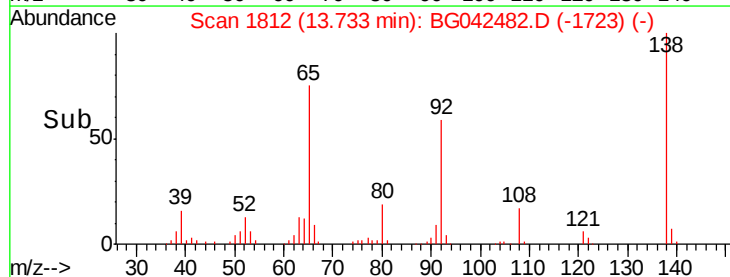
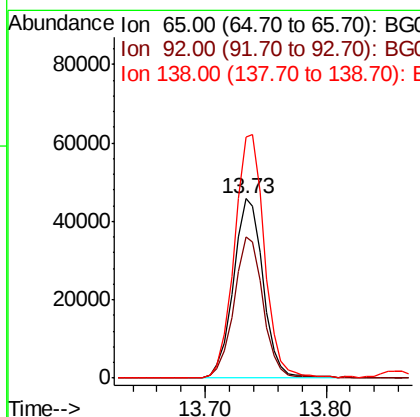
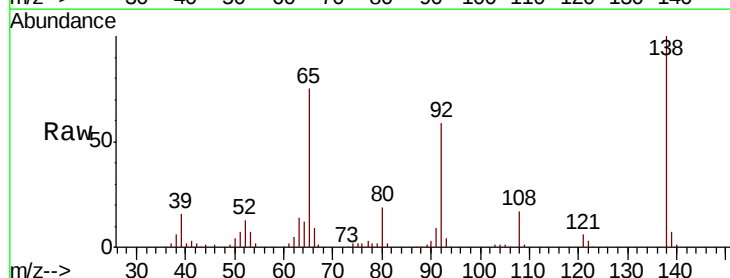
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:162 Resp: 307303
 Ion Ratio Lower Upper
 162 100
 127 33.8 26.0 39.0
 164 34.2 27.4 41.0



#48
 2-Nitroaniline
 Concen: 44.875 ng
 RT: 13.73 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BG042482.D
 Acq: 25 Aug 2019 17:42

Tgt Ion: 65 Resp: 78841
 Ion Ratio Lower Upper
 65 100
 92 78.7 61.8 92.6
 138 134.1 111.0 166.6





#49

Acenaphthylene

Concen: 44.898 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

Instrument :

BNA_G

ClientSampleId :

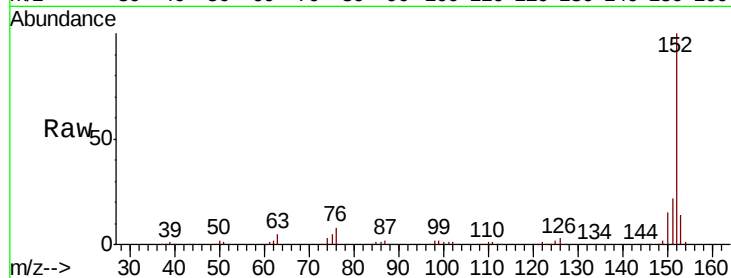
Tot Ion:152 Resp: 492130

Ion Ratio Lower Upper

152 100

151 21.6 17.0 25.4

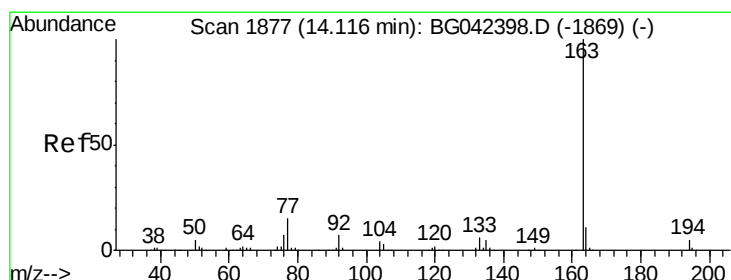
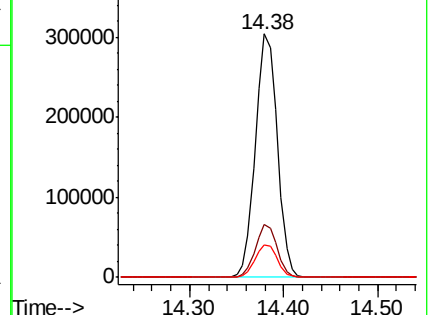
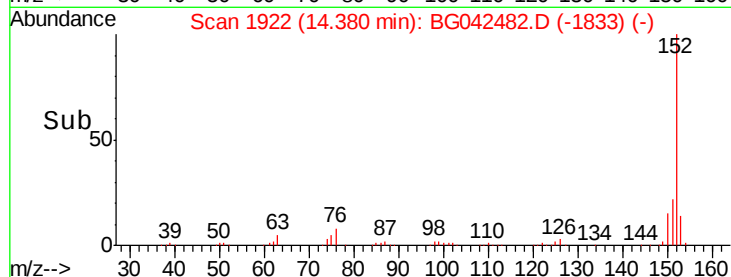
153 13.6 10.6 16.0



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: 51.187 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

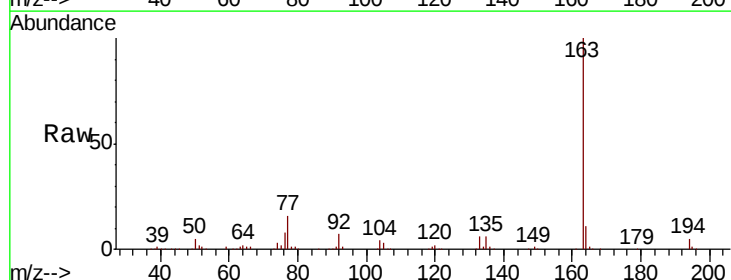
Tgt Ion:163 Resp: 482766

Ion Ratio Lower Upper

163 100

194 5.2 4.2 6.2

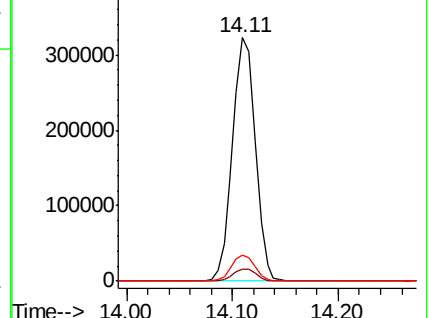
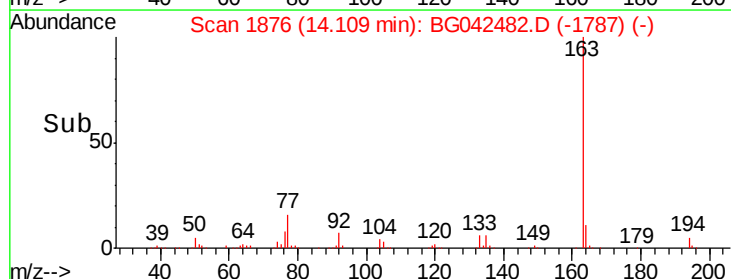
164 10.9 8.8 13.2

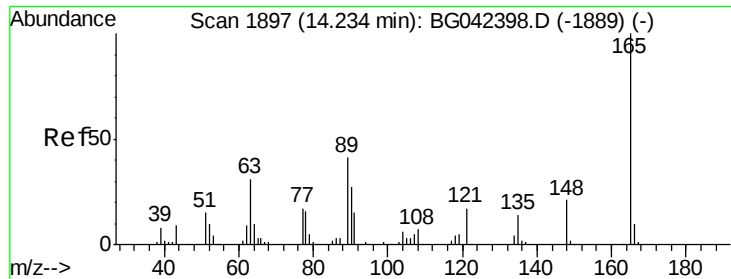


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

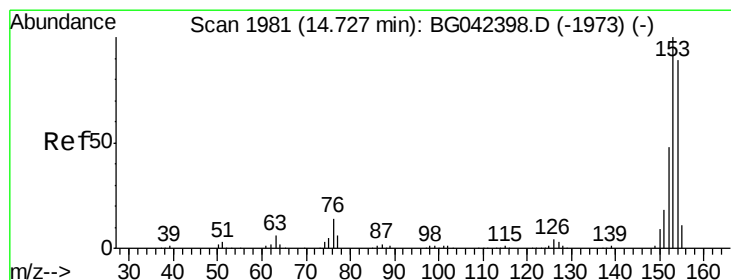
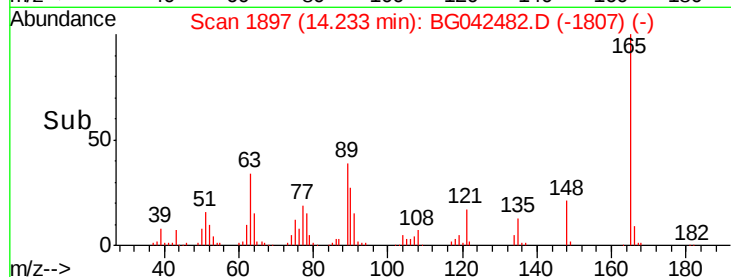
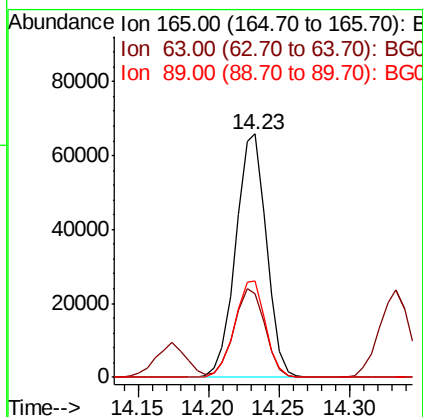
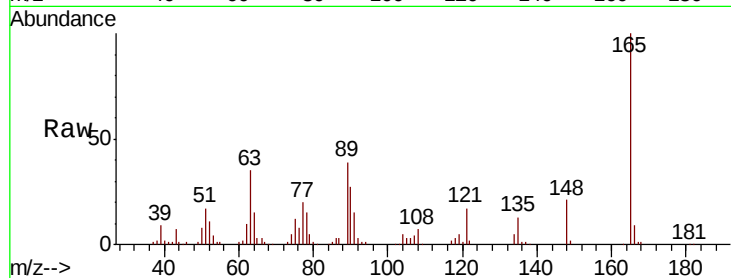




#51
2,6-Dinitrotoluene
Concen: 45.605 ng
RT: 14.23 min Scan# 1897
Delta R.T. -0.00 min
Lab File: BG042482.D
Acq: 25 Aug 2019 17:42

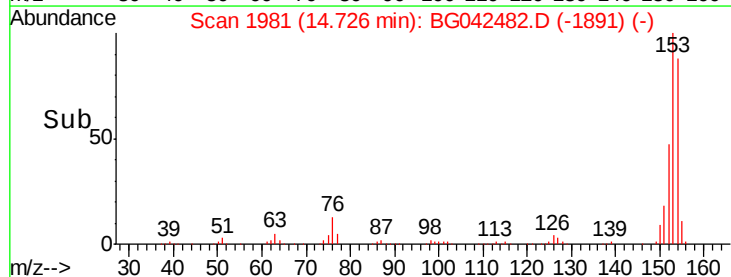
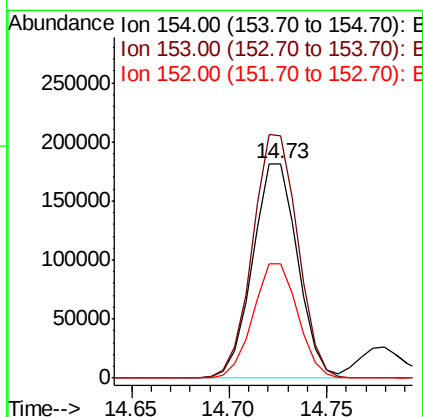
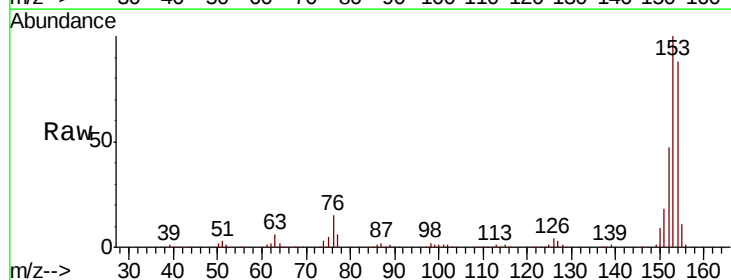
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	34.5	30.6	45.8
89	39.5	32.6	49.0



#52
Acenaphthene
Concen: 43.422 ng
RT: 14.73 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG042482.D
Acq: 25 Aug 2019 17:42

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.3	90.2	135.4
152	53.3	43.2	64.8

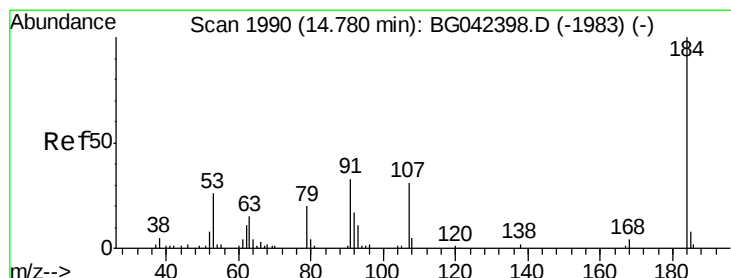
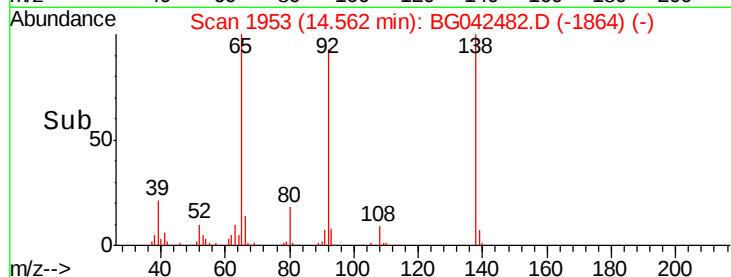
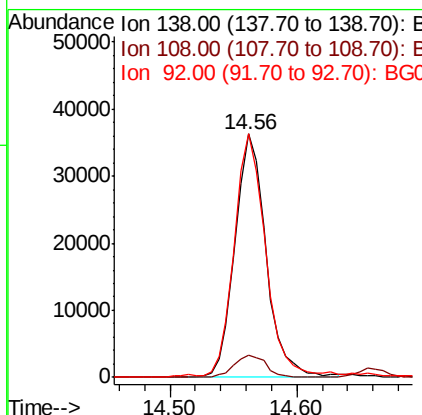
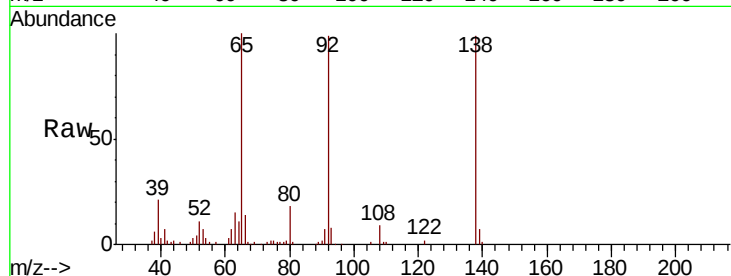




#53
3-Nitroaniline
Concen: 28.229 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG042482.D
Acq: 25 Aug 2019 17:42

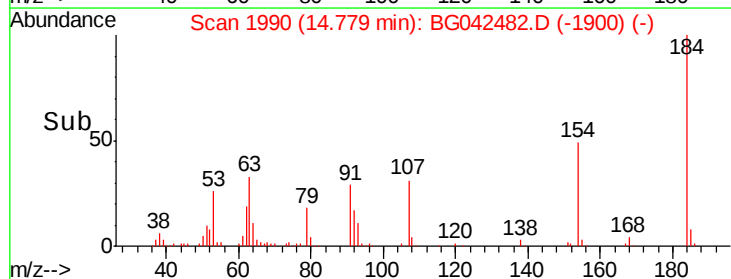
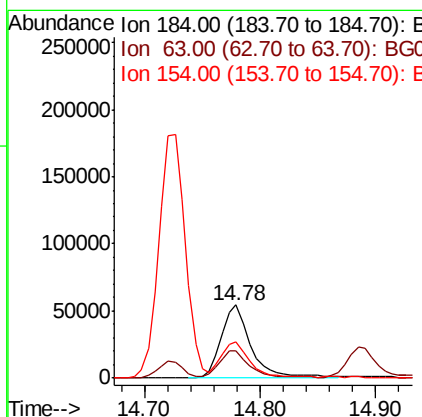
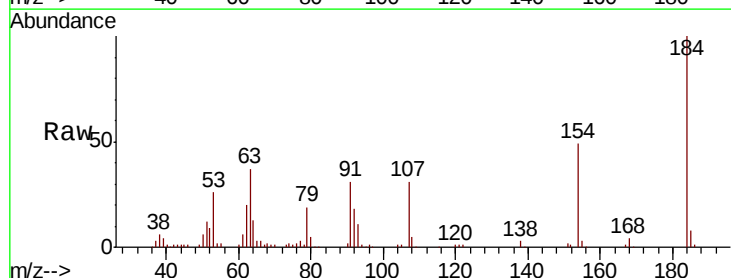
Instrument :
BNA_G
ClientSampled :

Tot Ion:138 Resp: 61719
Ion Ratio Lower Upper
138 100
108 9.4 8.3 12.5
92 99.8 78.2 117.4



#54
2,4-Dinitrophenol
Concen: 67.459 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BG042482.D
Acq: 25 Aug 2019 17:42

Tgt Ion:184 Resp: 97843
Ion Ratio Lower Upper
184 100
63 37.1 31.7 47.5
154 49.0 42.0 63.0





#55

Dibenzenofuran

Concen: 45.186 ng

RT: 15.06 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

Instrument :

BNA_G

ClientSampleId :

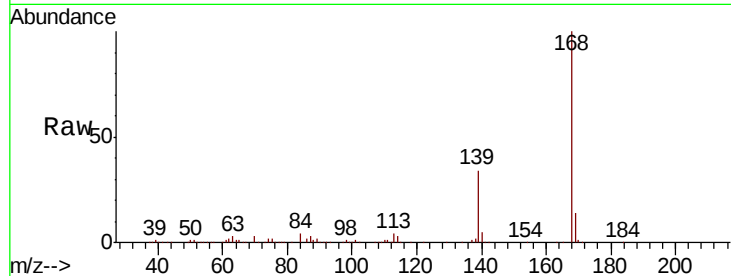
Tot Ion:168 Resp: 497817

Ion Ratio Lower Upper

168 100

139 34.3 27.2 40.8

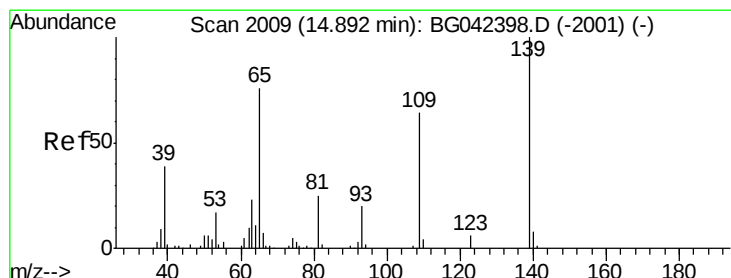
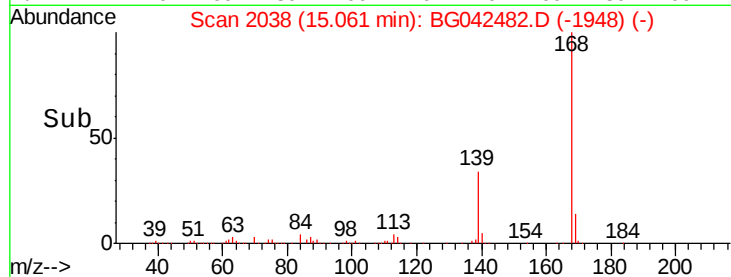
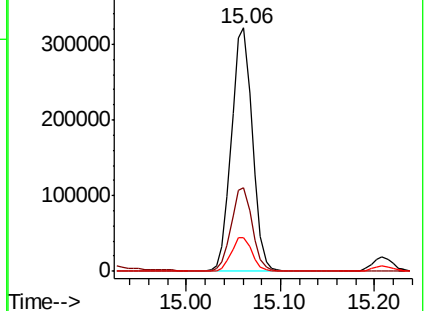
169 13.8 11.5 17.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 122.388 ng

RT: 14.89 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

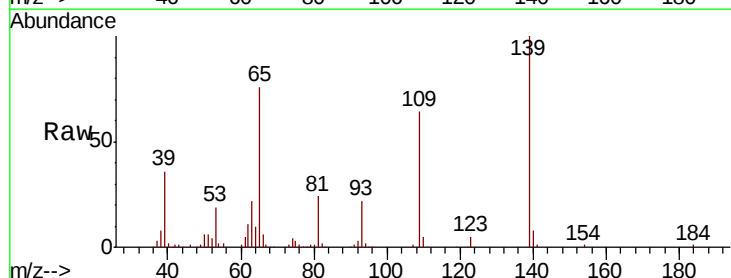
Tgt Ion:139 Resp: 190138

Ion Ratio Lower Upper

139 100

109 64.3 43.9 83.9

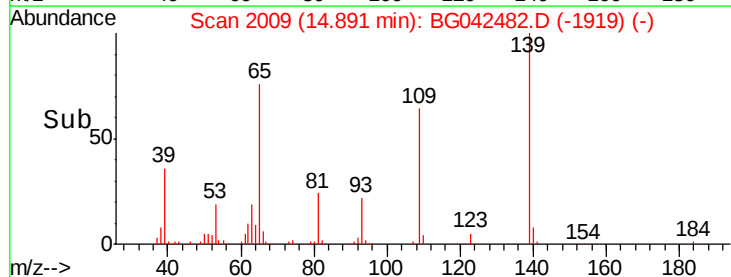
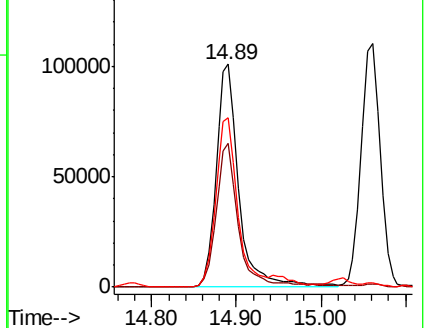
65 75.8 56.3 96.3

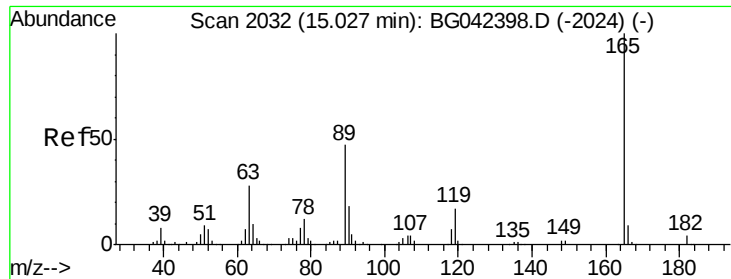


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

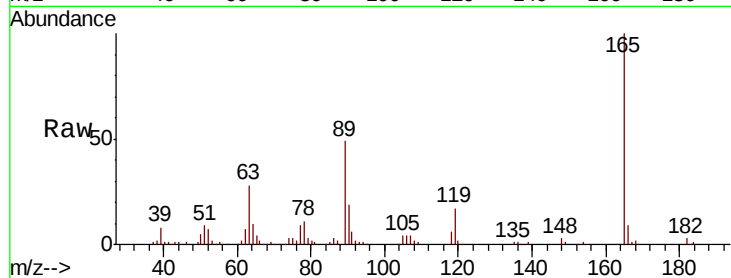




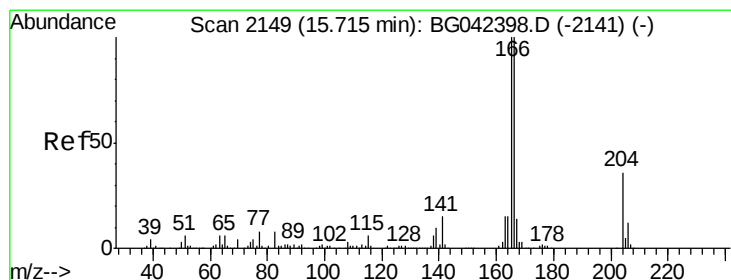
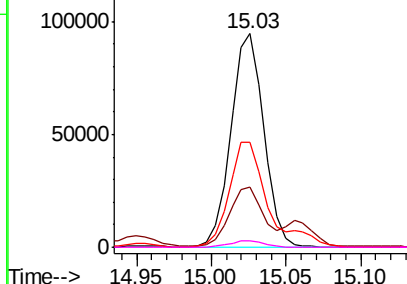
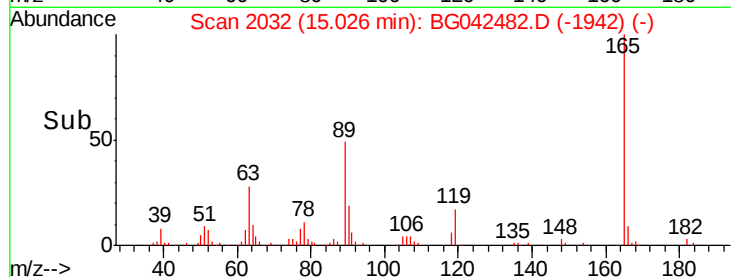
#57
 2,4-Dinitrotoluene
 Concen: 46.633 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BG042482.D
 Acq: 25 Aug 2019 17:42

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165	Resp:	145987
Ion Ratio	Lower	Upper
165	100	
63	27.9	22.5 33.7
89	49.4	37.8 56.6
182	3.2	3.0 4.4

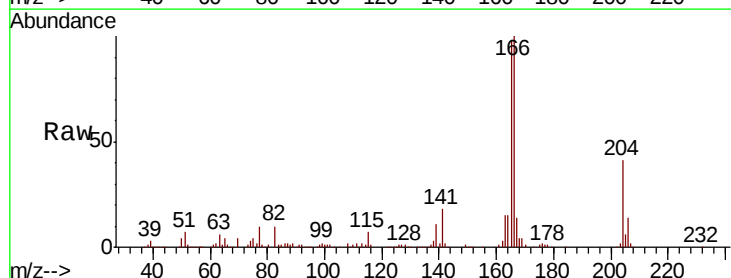


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

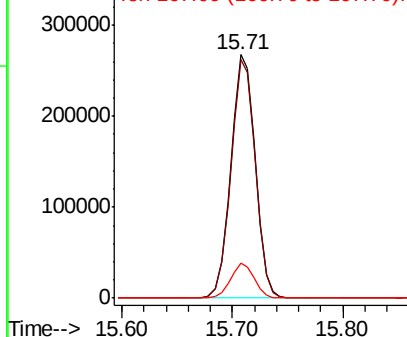
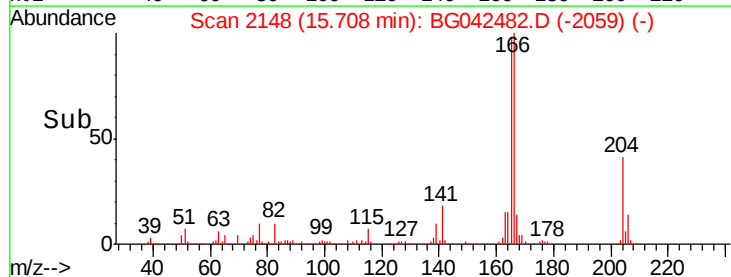


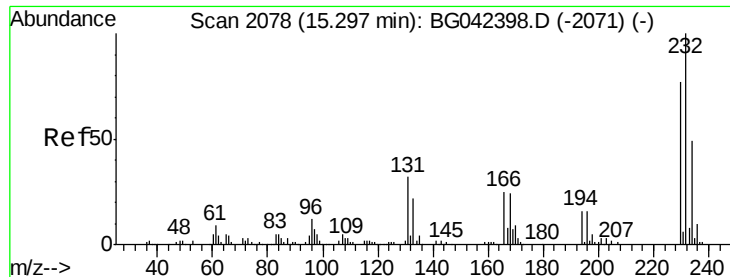
#58
 Fluorene
 Concen: 45.969 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG042482.D
 Acq: 25 Aug 2019 17:42

Tgt Ion:166	Resp:	413995
Ion Ratio	Lower	Upper
166	100	
165	97.8	79.7 119.5
167	14.2	10.9 16.3



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

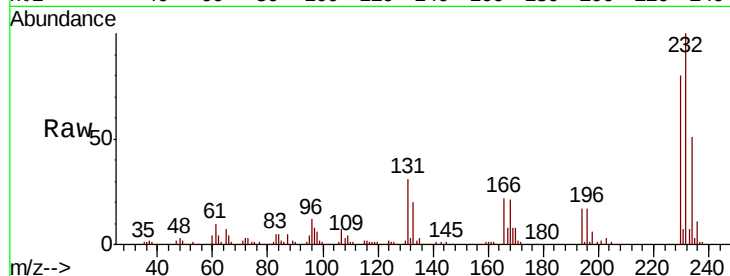




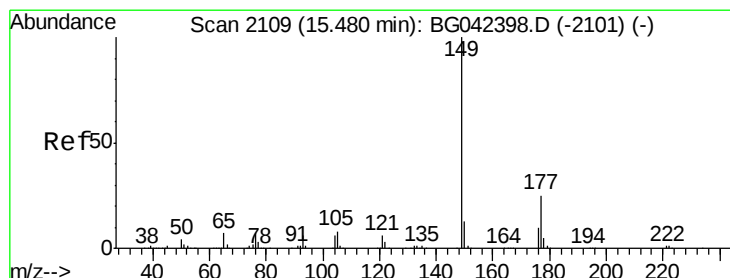
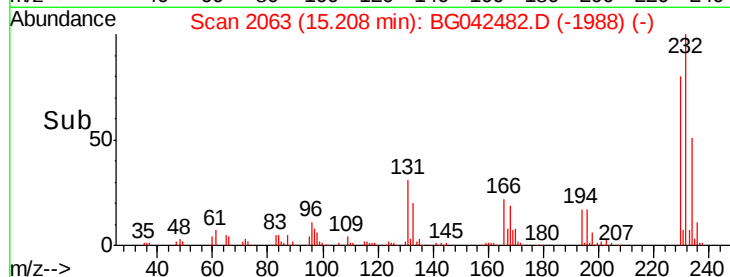
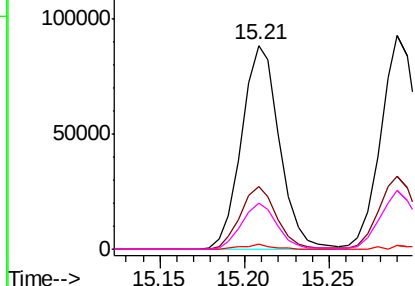
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.619 ng
 RT: 15.21 min Scan# 2063
 Delta R.T. -0.09 min
 Lab File: BG042482.D
 Acq: 25 Aug 2019 17:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	138463
Ion	Ratio	Lower	Upper
232	100		
131	29.9	22.9	34.3
130	1.8	1.4	2.0
166	21.3	17.0	25.4

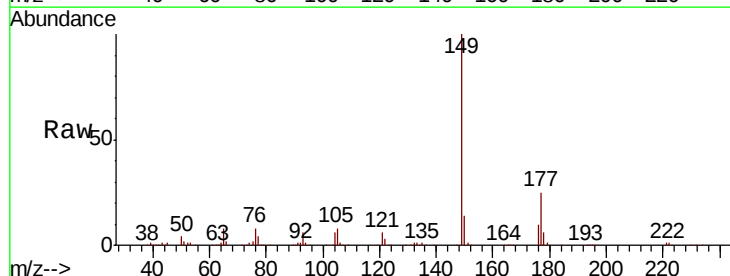


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

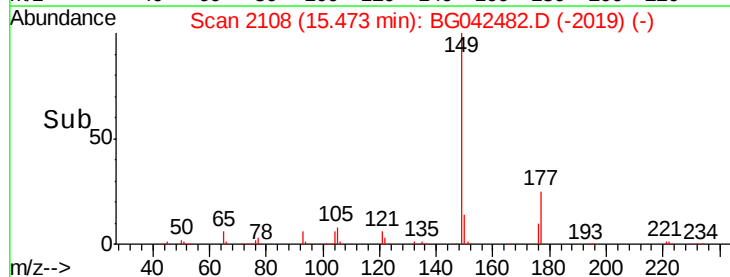
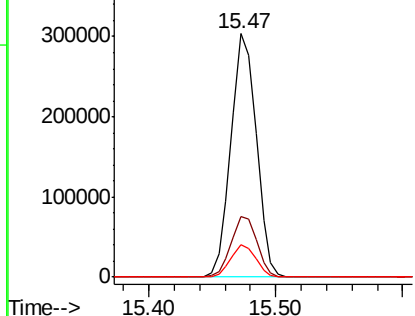


#60
 Diethylphthalate
 Concen: 45.616 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BG042482.D
 Acq: 25 Aug 2019 17:42

Tgt Ion:	149	Resp:	420569
Ion	Ratio	Lower	Upper
149	100		
177	24.9	20.4	30.6
150	13.6	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

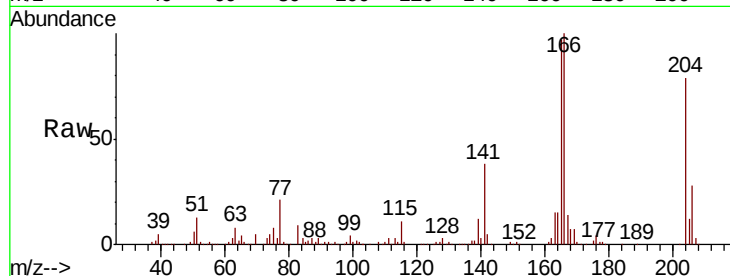




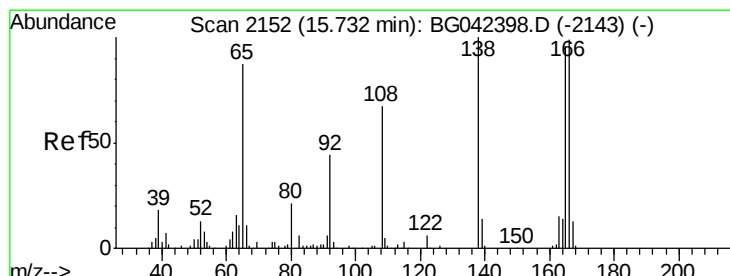
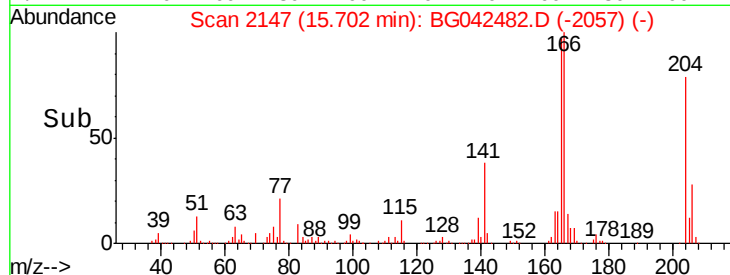
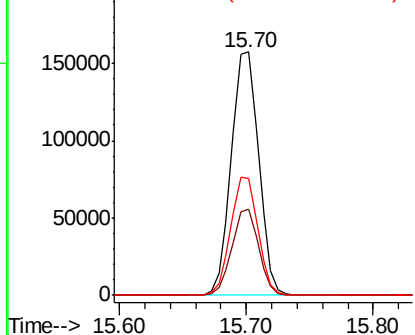
#61
 4-Chlorophenyl-phenylether
 Concen: 43.301 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: BG042482.D
 Acq: 25 Aug 2019 17:42

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:204 Resp: 235078
 Ion Ratio Lower Upper
 204 100
 206 35.2 27.2 40.8
 141 47.8 38.7 58.1

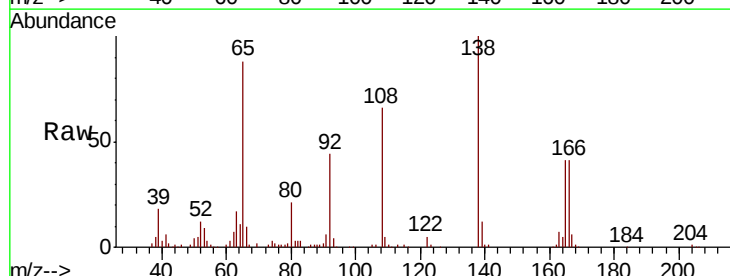


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

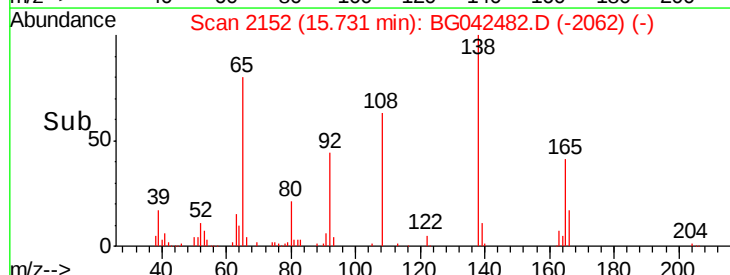
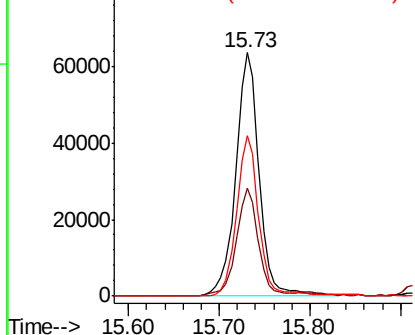


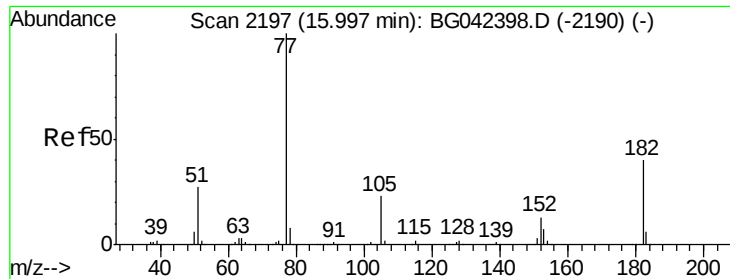
#62
 4-Nitroaniline
 Concen: 49.128 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG042482.D
 Acq: 25 Aug 2019 17:42

Tgt Ion:138 Resp: 114958
 Ion Ratio Lower Upper
 138 100
 92 44.2 24.2 64.2
 108 65.9 46.8 86.8



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

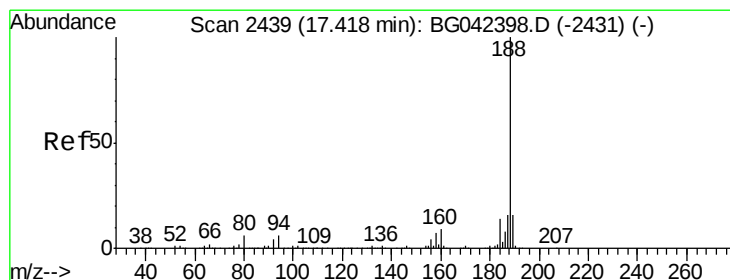
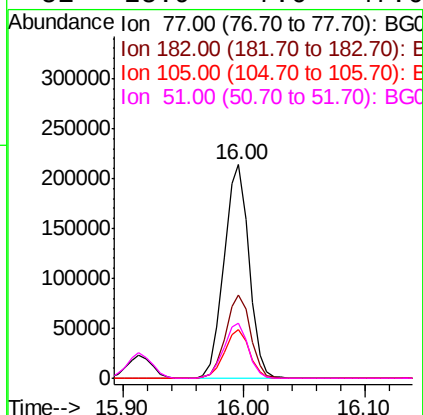
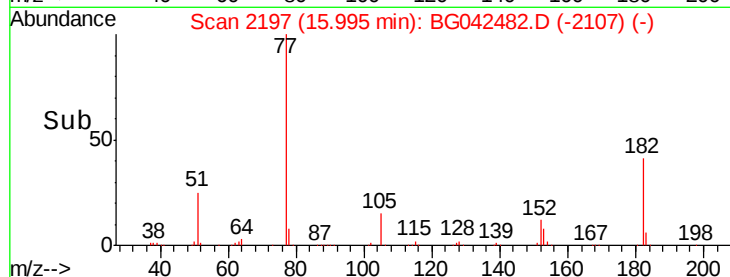
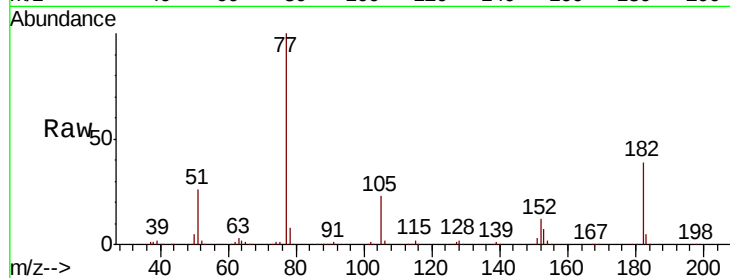




#63
Azobenzene
Concen: 48.264 ng
RT: 16.00 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BG042482.D
Acq: 25 Aug 2019 17:42

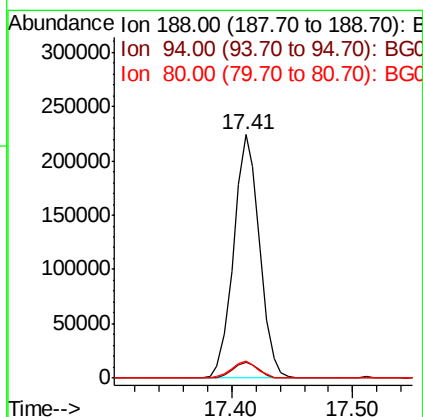
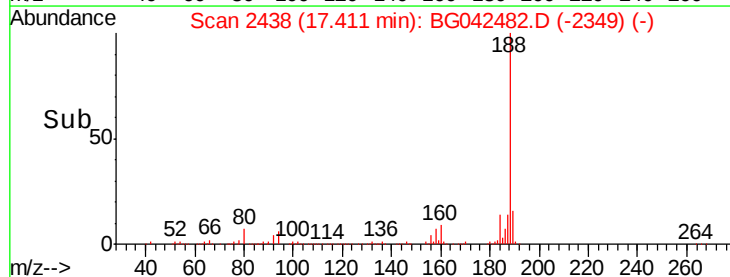
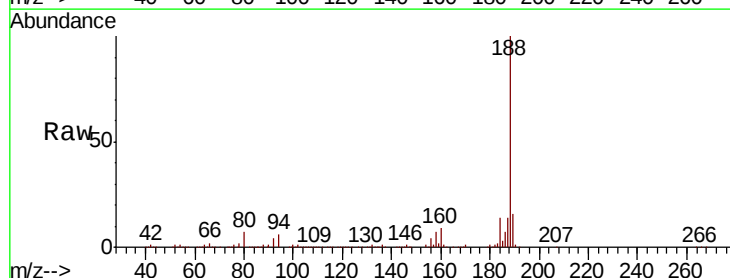
Instrument :
BNA_G
ClientSampleId :

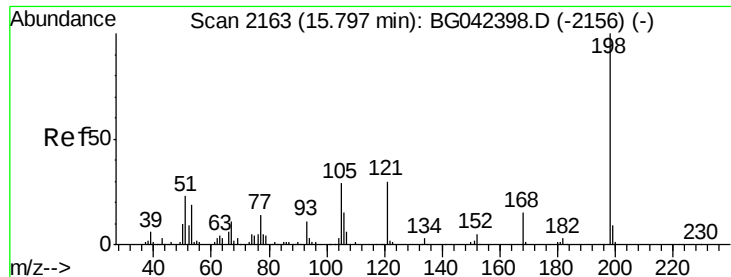
Tot Ion:	77	Resp:	304915
Ion	Ratio	Lower	Upper
77	100		
182	39.2	19.9	59.9
105	22.9	2.9	42.9
51	25.9	7.6	47.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042482.D
Acq: 25 Aug 2019 17:42

Tgt Ion:	188	Resp:	334328
Ion	Ratio	Lower	Upper
188	100		
94	6.4	4.5	6.7
80	7.2	4.9	7.3





#65

4,6-Dinitro-2-methylphenol

Concen: 43.648 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

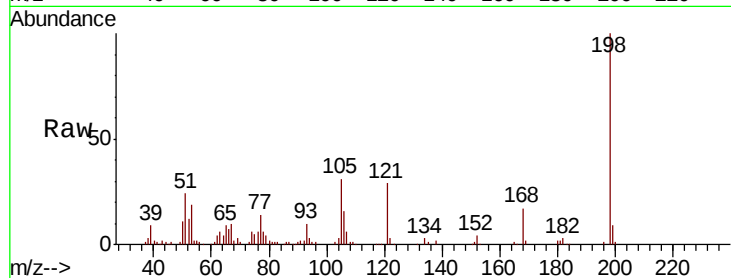
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 91491

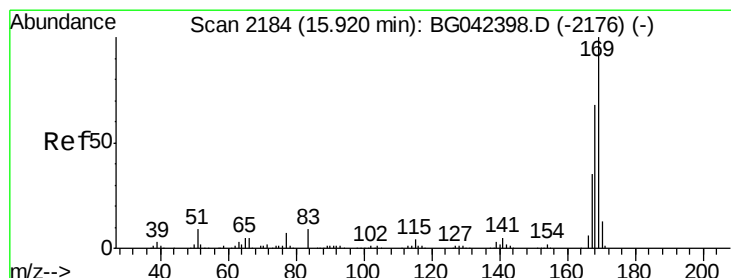
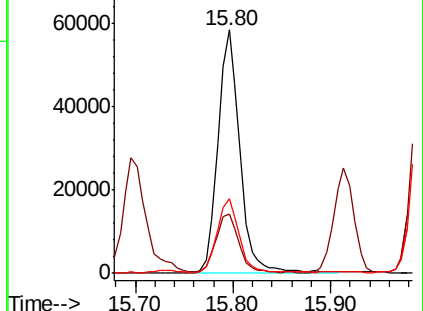
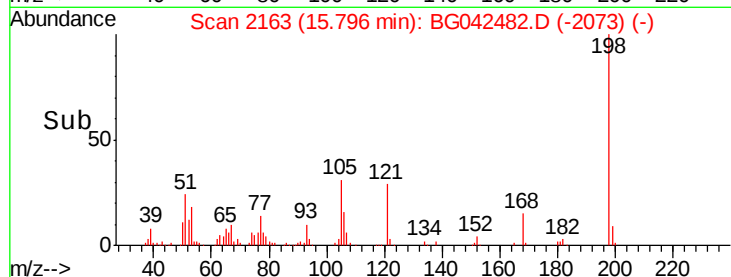
Ion	Ratio	Lower	Upper
198	100		
51	24.1	4.2	44.2
105	30.9	8.8	48.8



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: 43.311 ng

RT: 15.91 min Scan# 2183

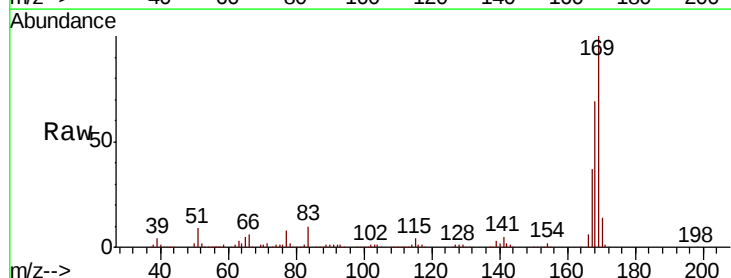
Delta R.T. -0.01 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

Tgt Ion:169 Resp: 398217

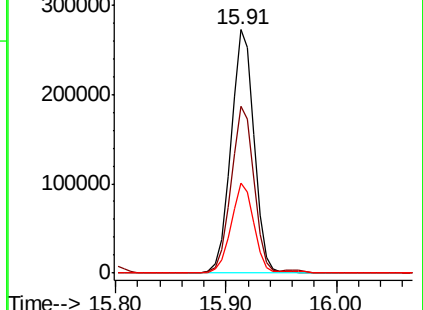
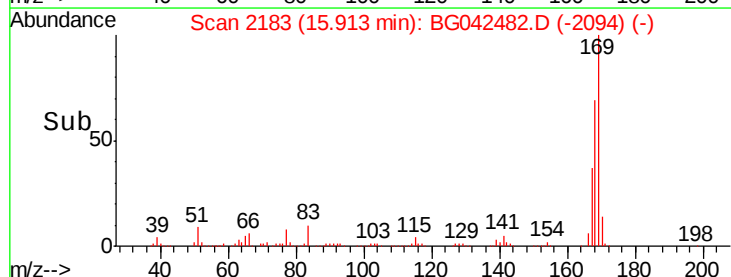
Ion	Ratio	Lower	Upper
169	100		
168	68.6	54.3	81.5
167	36.8	28.2	42.2

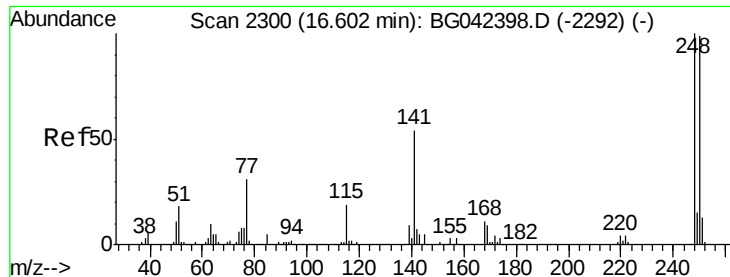


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

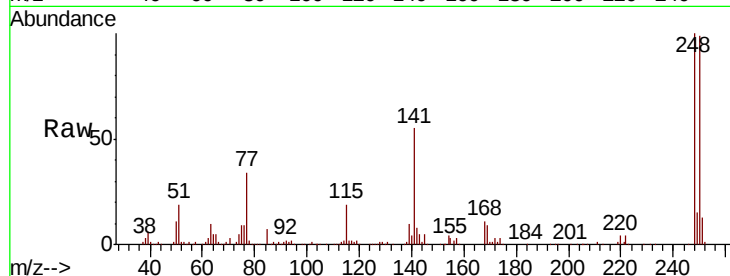




#67
 4-Bromophenyl-phenylether
 Concen: 39.497 ng
 RT: 16.59 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG042482.D
 Acq: 25 Aug 2019 17:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.2	78.9	118.3
141	54.7	43.3	64.9

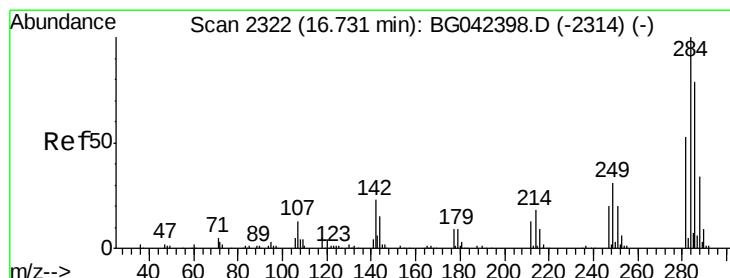
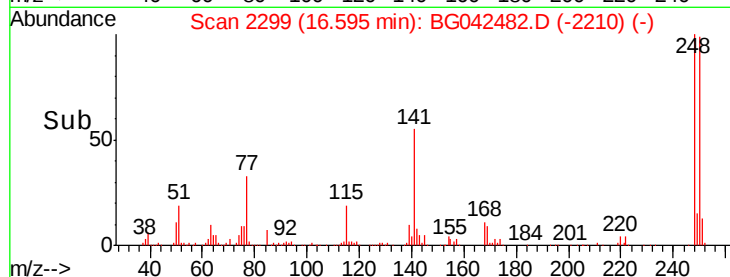
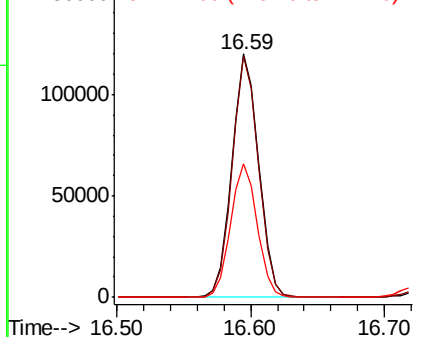


Abundance

Ion 248.00 (247.70 to 248.70): E

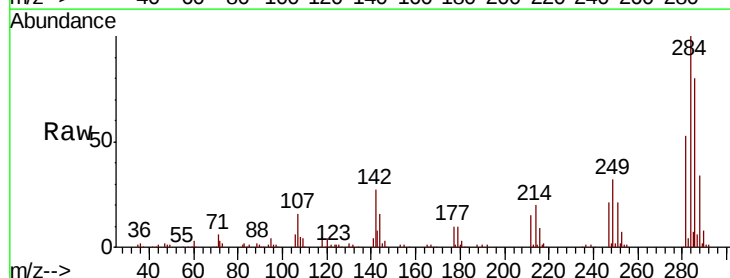
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 37.462 ng
 RT: 16.72 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG042482.D
 Acq: 25 Aug 2019 17:42

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.6	18.2	27.4
249	31.9	25.0	37.4

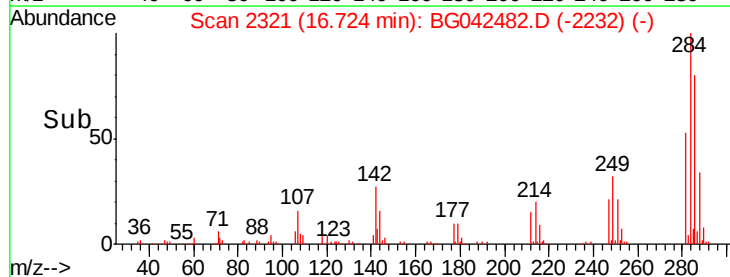
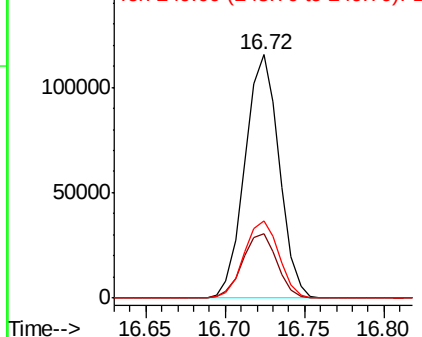


Abundance

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: 50.466 ng

RT: 16.86 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

Instrument :

BNA_G

ClientSampleId :

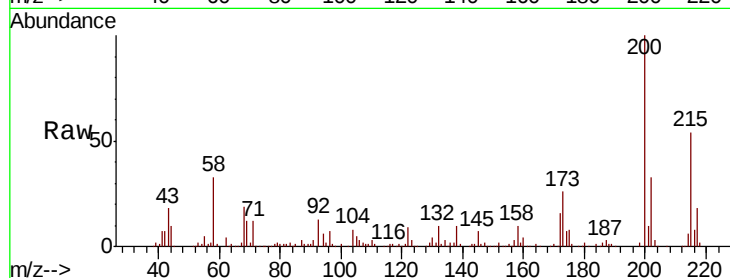
Tot Ion:200 Resp: 164085

Ion Ratio Lower Upper

200 100

173 26.2 4.9 44.9

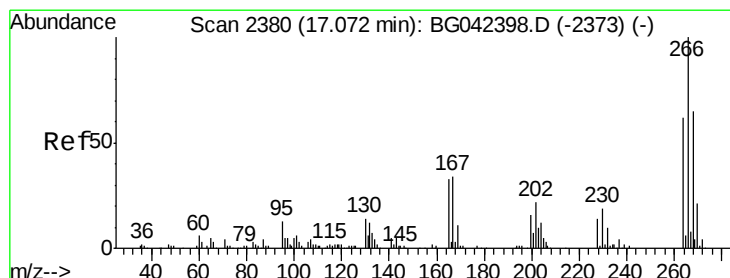
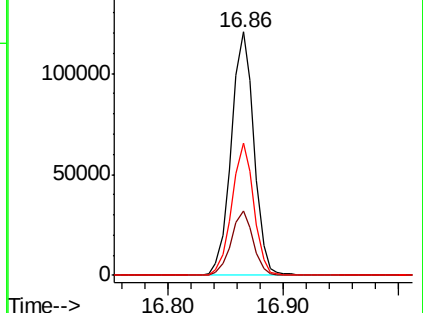
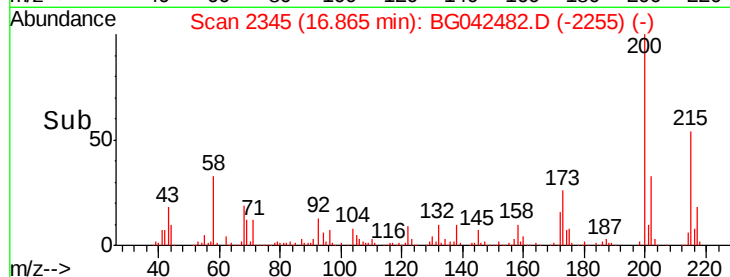
215 54.1 30.7 70.7



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: 86.382 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

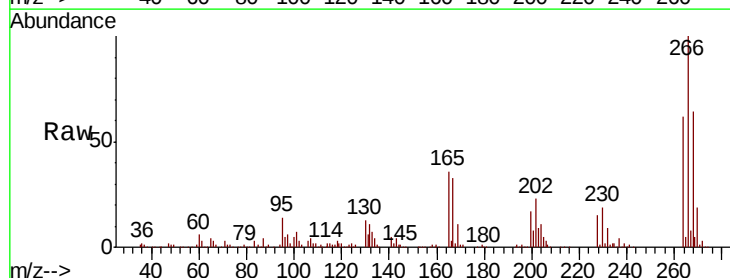
Tgt Ion:266 Resp: 206908

Ion Ratio Lower Upper

266 100

268 64.4 52.1 78.1

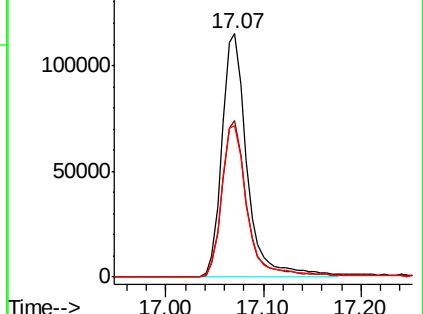
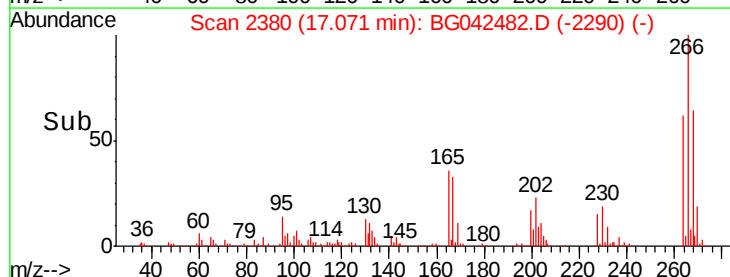
264 62.0 49.4 74.2

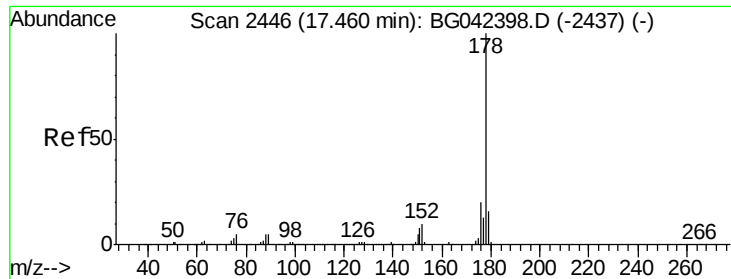


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

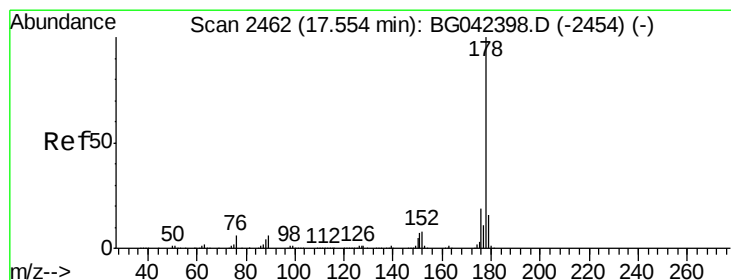
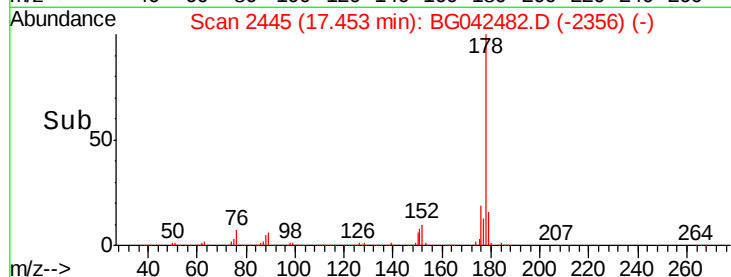
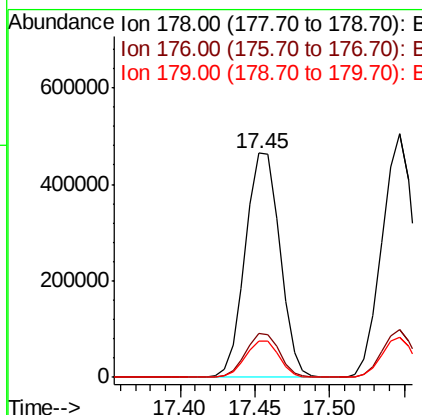
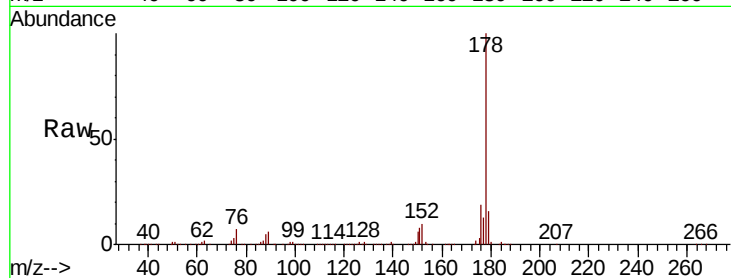




#71
Phenanthrene
Concen: 44.963 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042482.D
Acq: 25 Aug 2019 17:42

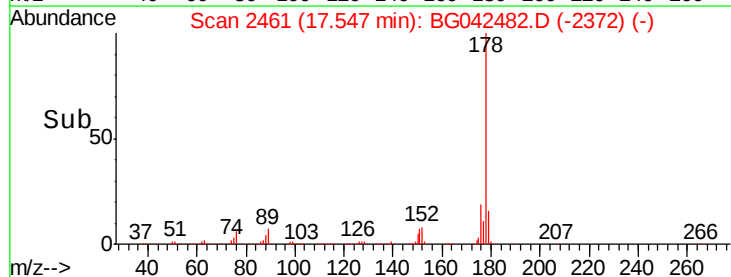
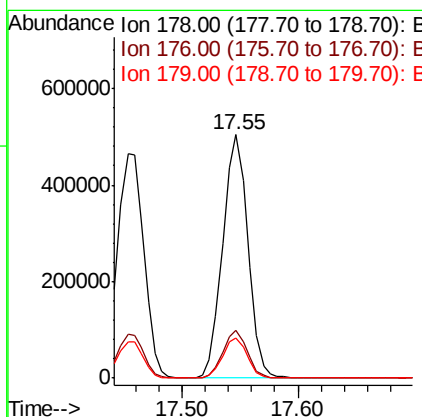
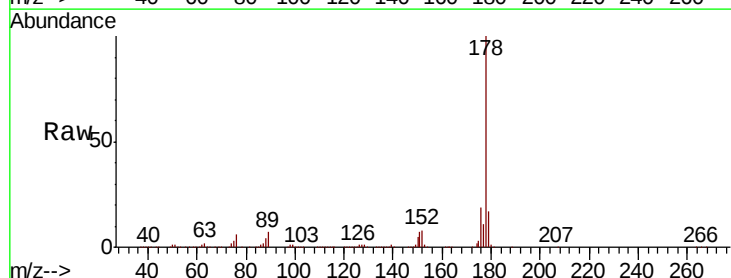
Instrument :
BNA_G
ClientSampleId :

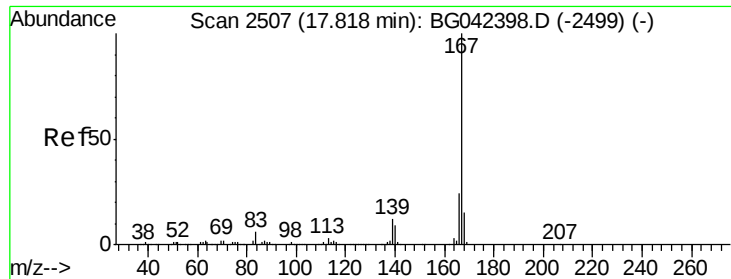
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	16.4	12.7	19.1



#72
Anthracene
Concen: 45.915 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG042482.D
Acq: 25 Aug 2019 17:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	16.5	12.9	19.3





#73

Carbazole

Concen: 47.777 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

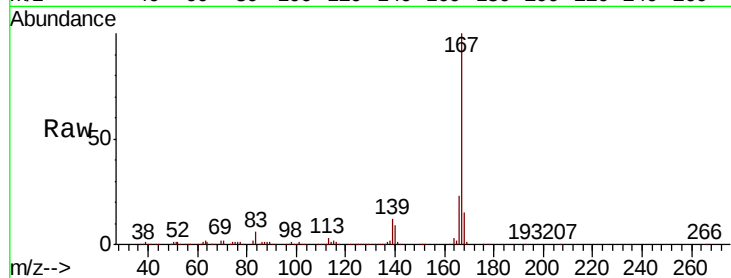
Instrument :

BNA_G

ClientSampleId :

Tot Ion:167 Resp: 705918

Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.9	28.3
139	12.3	9.8	14.6

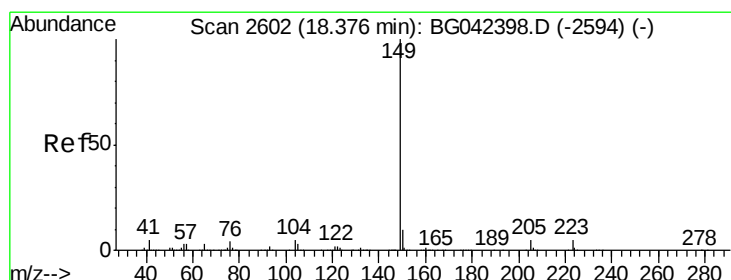
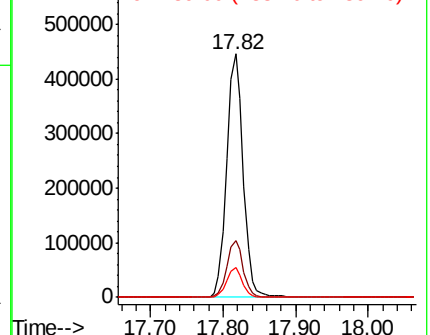
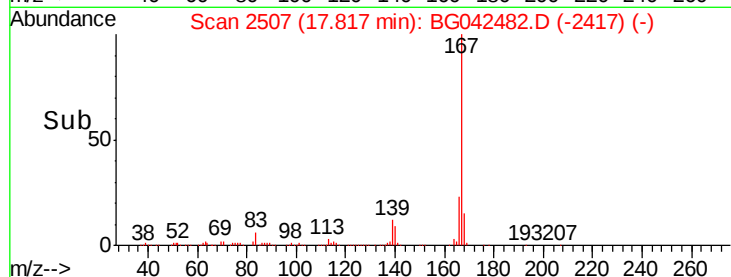


Abundance

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: 46.731 ng

RT: 18.37 min Scan# 2601

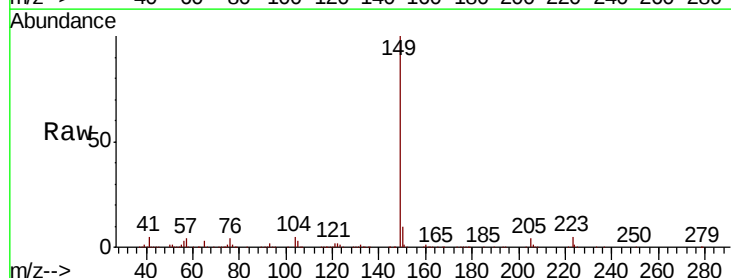
Delta R.T. -0.01 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

Tgt Ion:149 Resp: 816202

Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.1	12.1
104	4.7	3.7	5.5

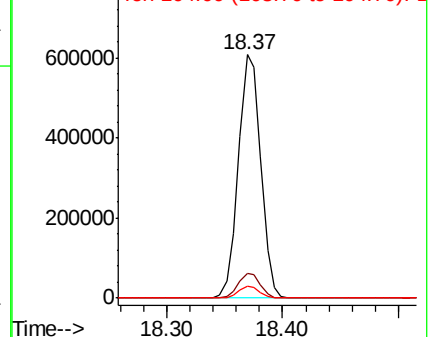
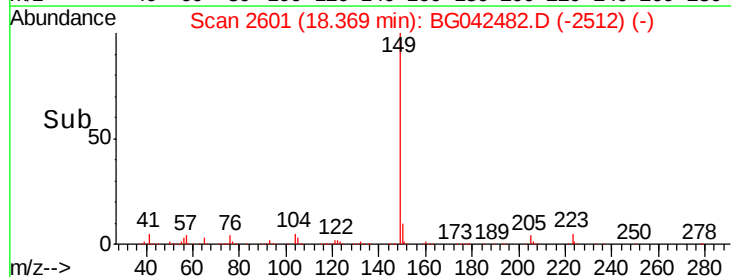


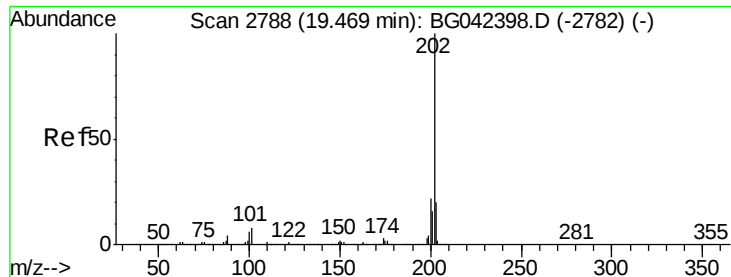
Abundance

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: 47.859 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG042482.D

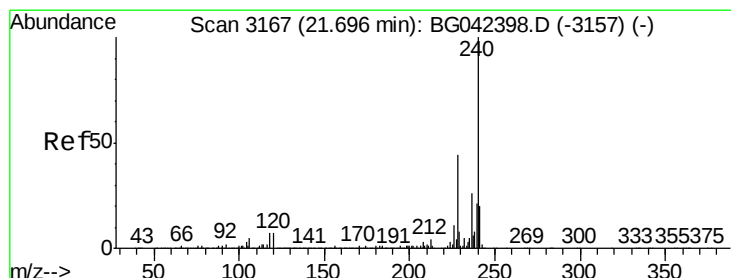
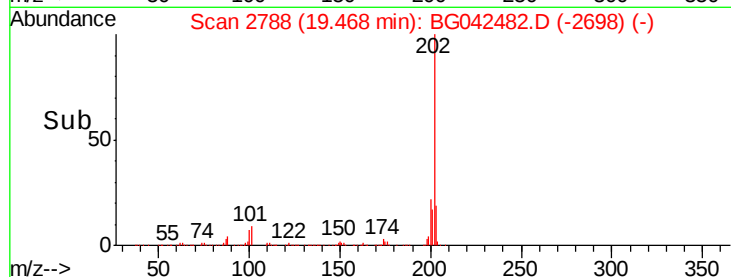
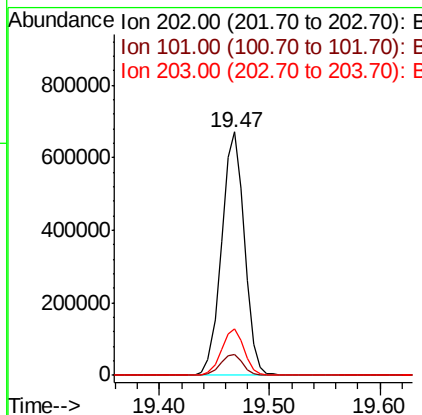
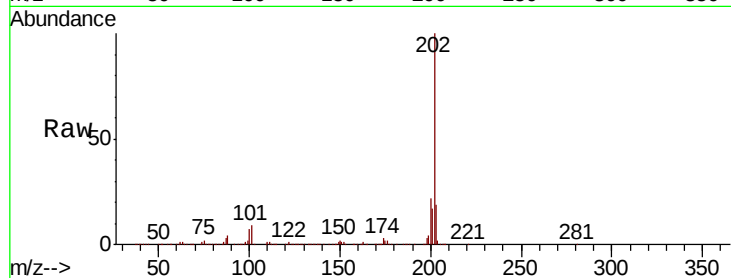
Acq: 25 Aug 2019 17:42

Instrument :

BNA_G

ClientSampled :

Tot Ion:	202	Resp:	969957
Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	28.3
203	18.9	0.0	39.6



#76

Chrysene-d12

Concen: 20.000 ng

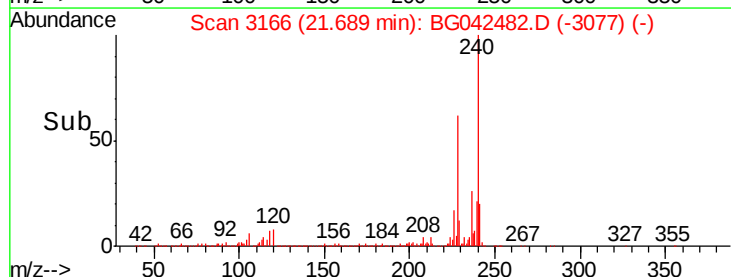
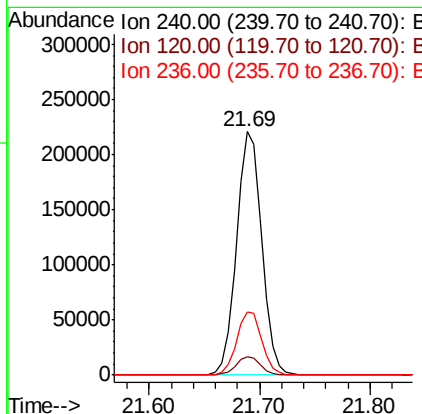
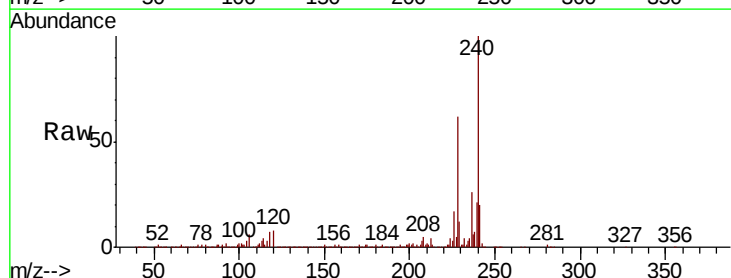
RT: 21.69 min Scan# 3166

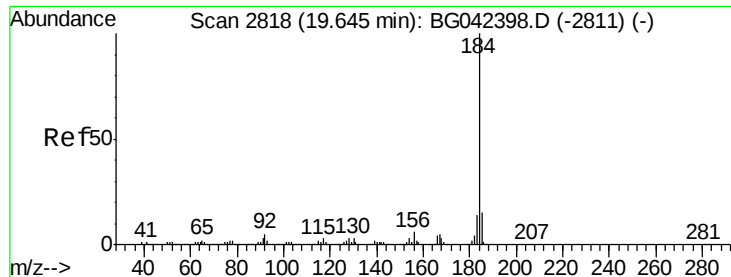
Delta R.T. -0.01 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

Tgt Ion:	240	Resp:	354278
Ion	Ratio	Lower	Upper
240	100		
120	7.6	5.7	8.5
236	26.1	21.0	31.4





#77

Benzidine

Concen: 27.811 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

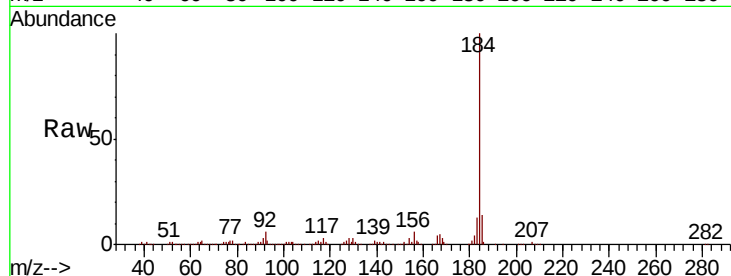
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 282483

Ion	Ratio	Lower	Upper
184	100		
185	14.0	12.2	18.4
183	12.8	10.8	16.2

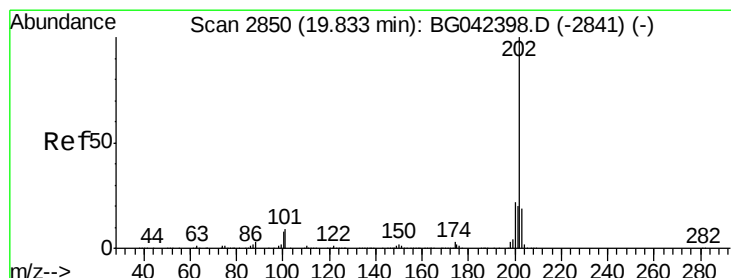
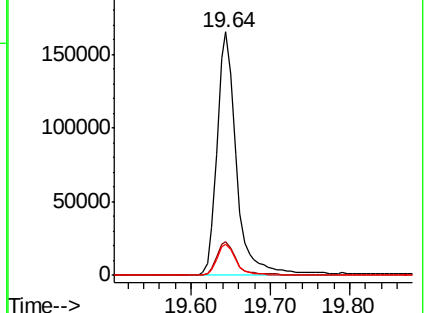
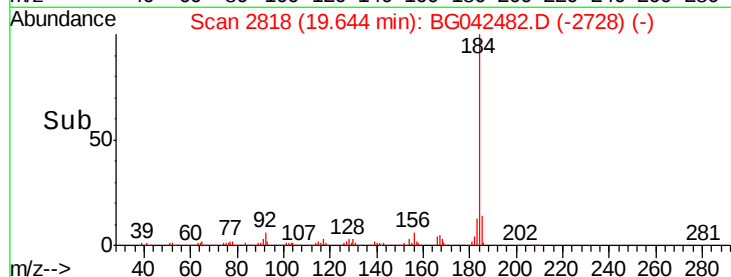


Abundance

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: 44.779 ng

RT: 19.83 min Scan# 2849

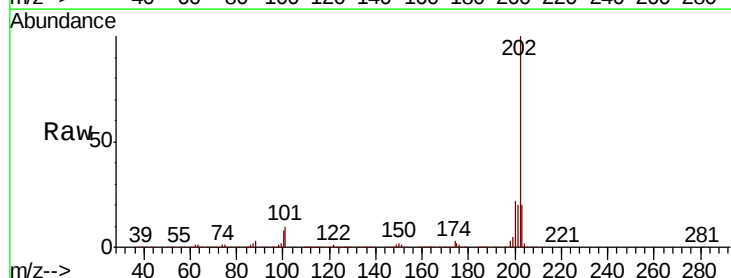
Delta R.T. -0.01 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

Tgt Ion:202 Resp: 972624

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.8	26.6
203	19.8	15.5	23.3

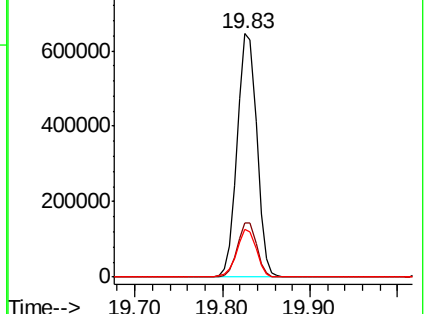
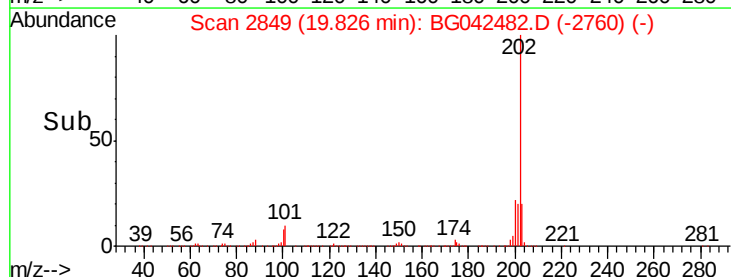


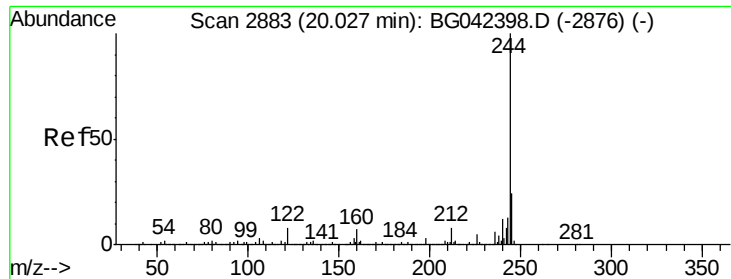
Abundance

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: 83.972 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

Instrument :

BNA_G

ClientSampleId :

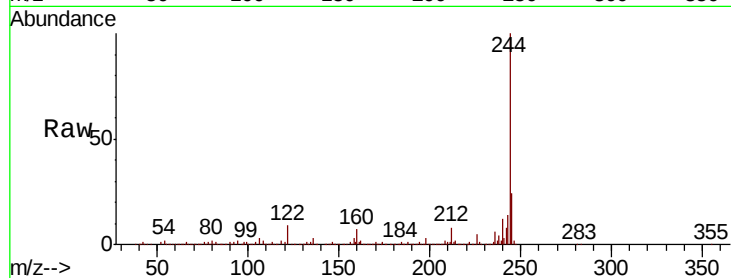
Tot Ion:244 Resp: 1376064

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

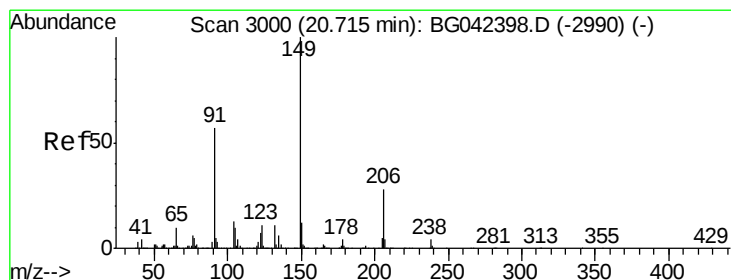
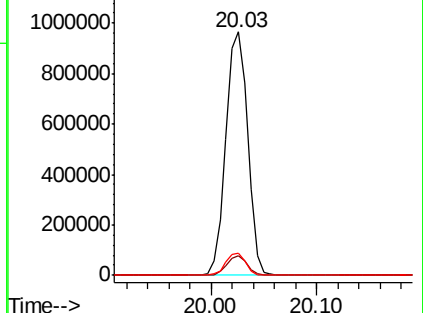
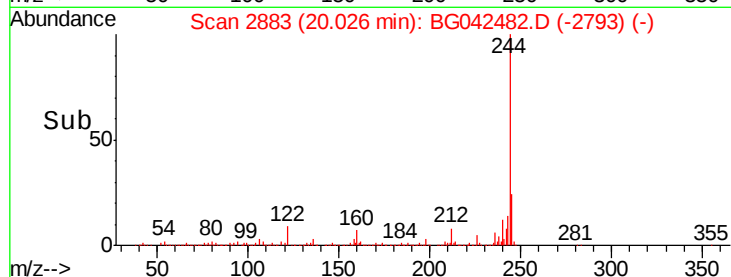
122 9.2 6.7 10.1



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: 45.234 ng

RT: 20.71 min Scan# 3000

Delta R.T. -0.00 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

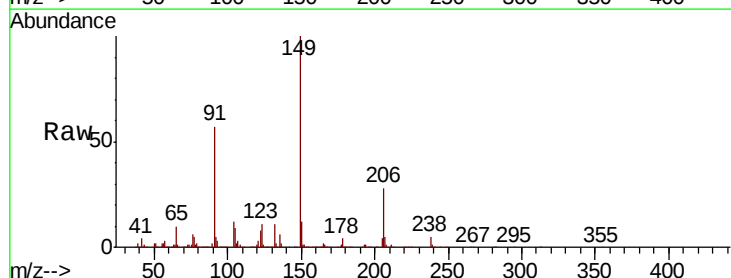
Tgt Ion:149 Resp: 386441

Ion Ratio Lower Upper

149 100

91 56.6 45.9 68.9

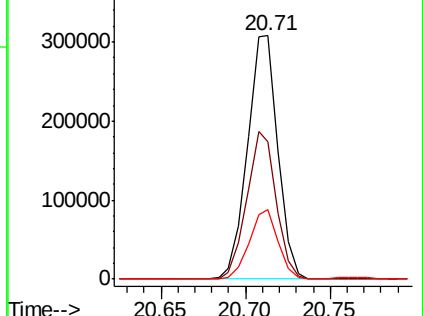
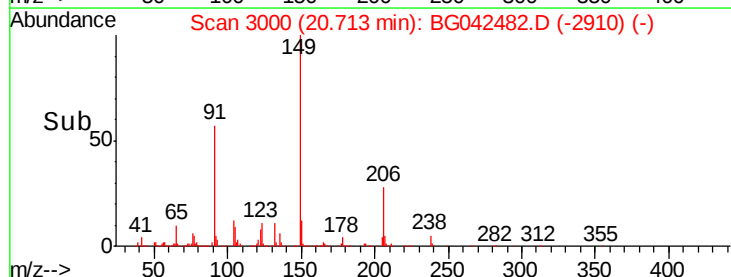
206 28.5 22.5 33.7

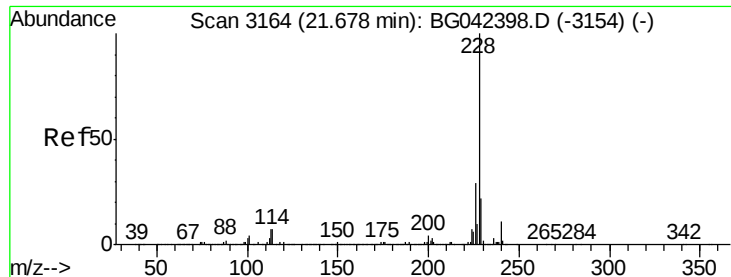


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.380 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

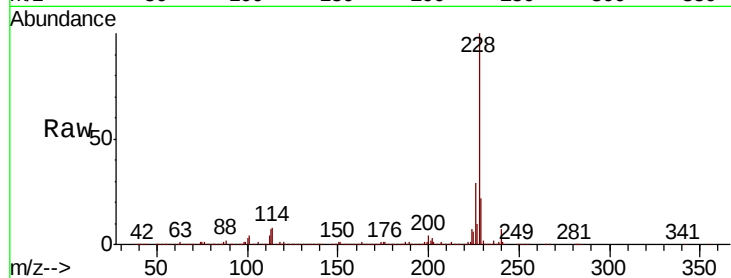
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 934897

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.4	35.2
229	21.7	17.4	26.2

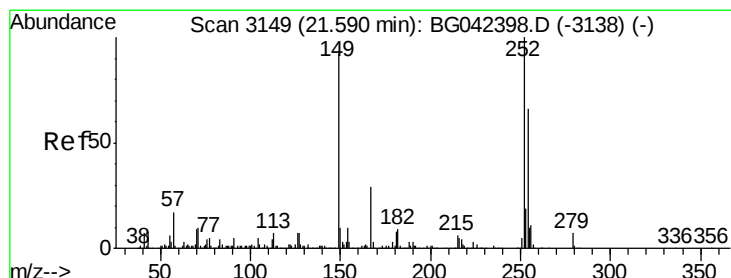
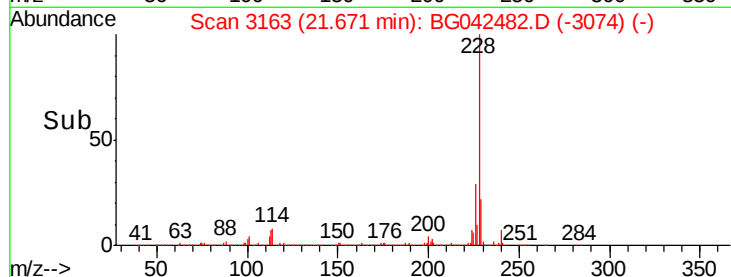
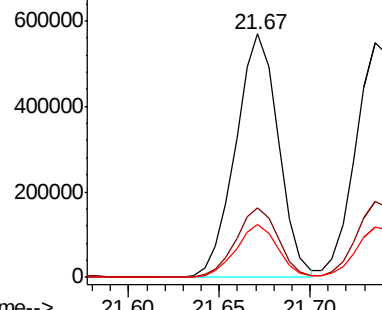


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.599 ng

RT: 21.58 min Scan# 3148

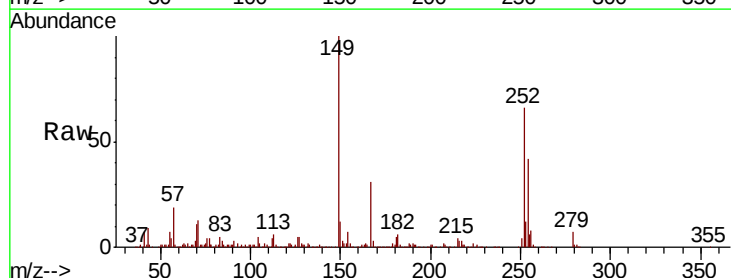
Delta R.T. -0.01 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

Tgt Ion:252 Resp: 239216

Ion	Ratio	Lower	Upper
252	100		
254	64.5	53.0	79.4
126	7.3	5.7	8.5

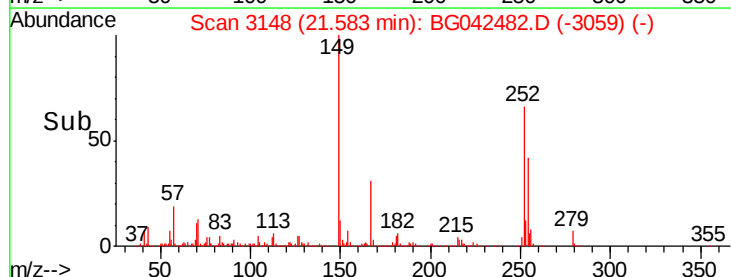
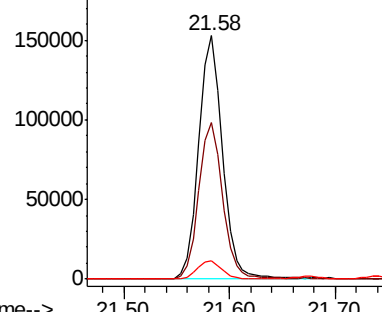


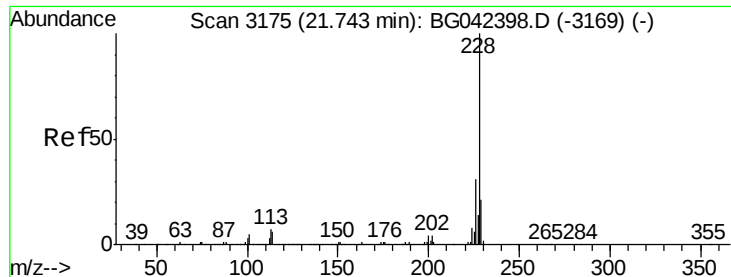
Abundance

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

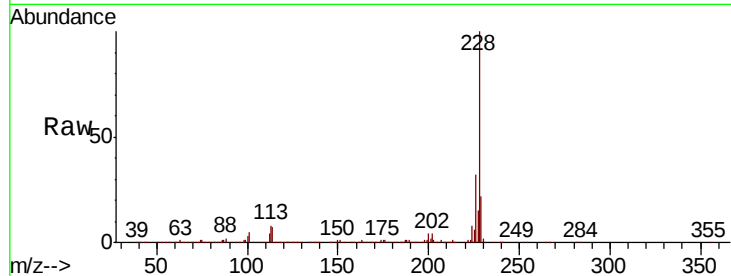




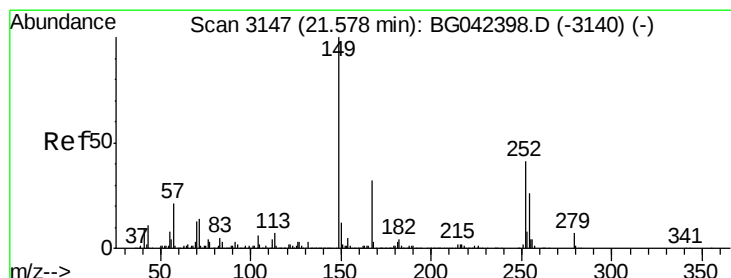
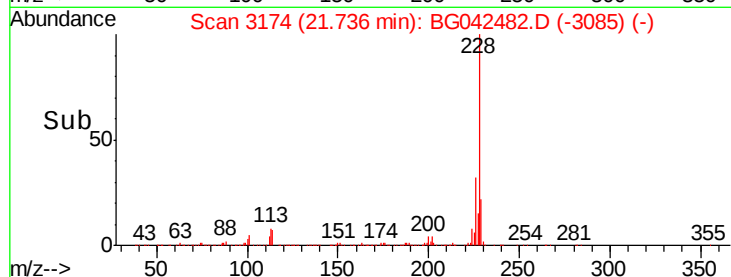
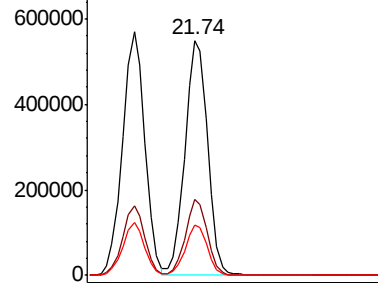
#83
 Chrysene
 Concen: 44.587 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.01 min
 Lab File: BG042482.D
 Acq: 25 Aug 2019 17:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.9	37.3
229	21.6	16.9	25.3

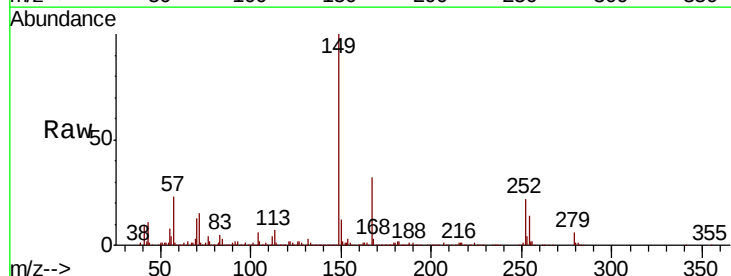


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

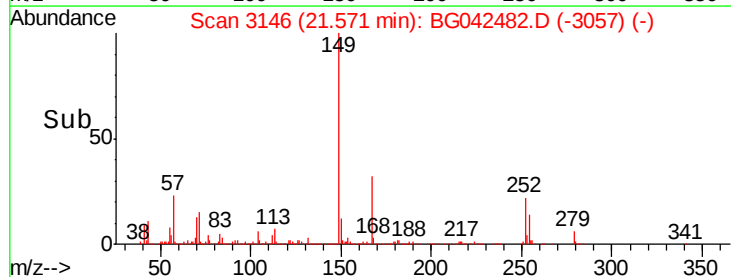
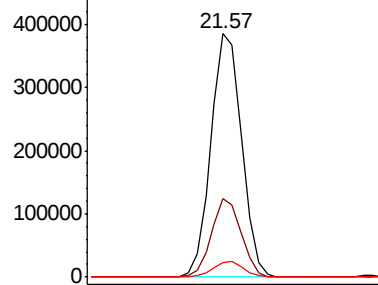


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.185 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG042482.D
 Acq: 25 Aug 2019 17:42

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.4	26.0	39.0
279	6.0	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: 45.813 ng

RT: 22.79 min Scan# 3354

Delta R.T. -0.01 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

Instrument :

BNA_G

ClientSampleId :

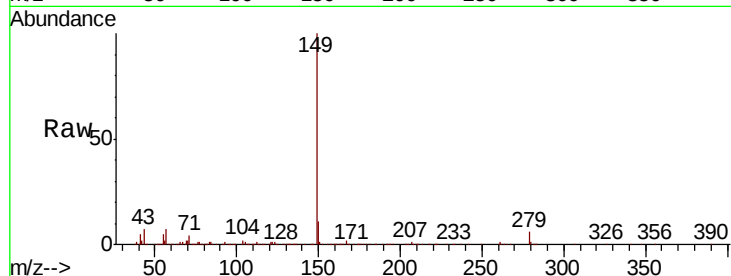
Tot Ion:149 Resp: 934649

Ion Ratio Lower Upper

149 100

167 1.9 1.6 2.4

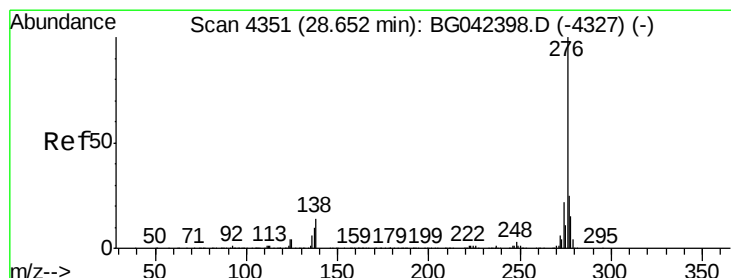
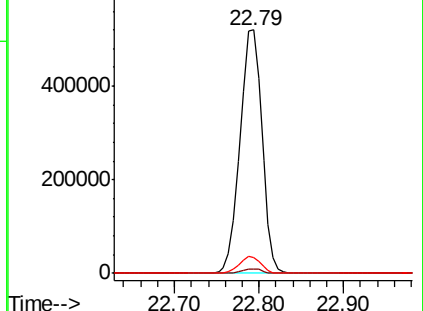
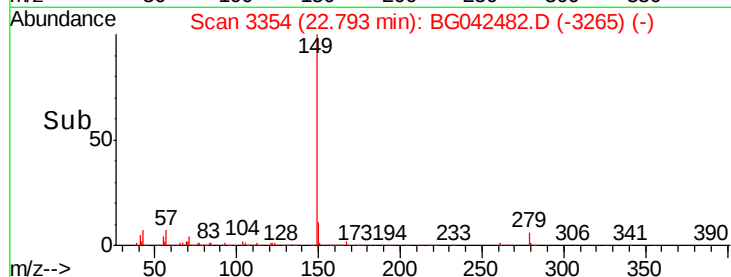
43 6.5 5.3 7.9



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: 42.806 ng

RT: 28.65 min Scan# 4350

Delta R.T. -0.01 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

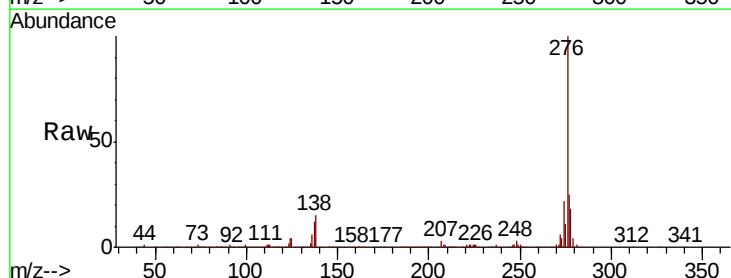
Tgt Ion:276 Resp: 1209078

Ion Ratio Lower Upper

276 100

138 18.9 9.2 13.8#

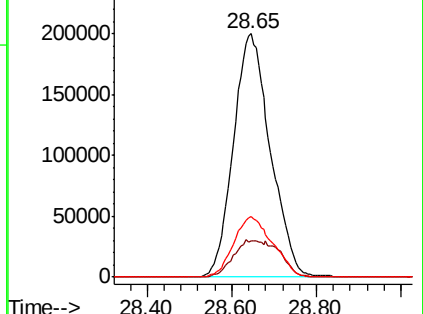
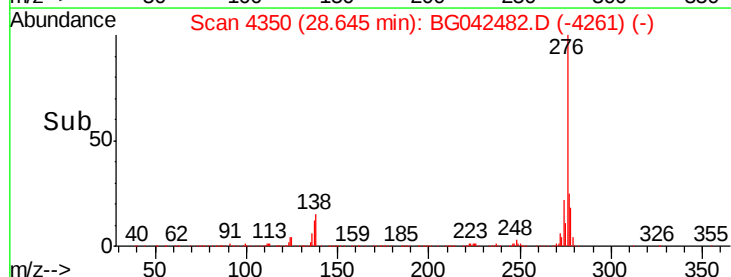
277 26.2 21.0 31.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

Instrument :

BNA_G

ClientSampleId :

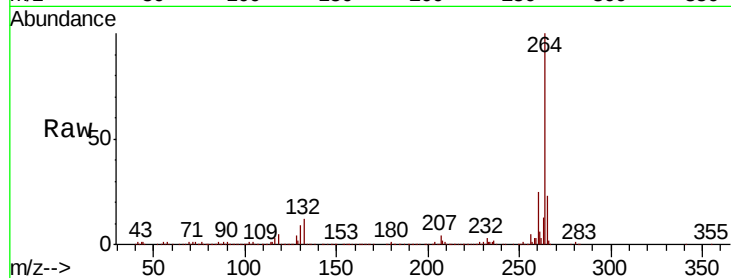
Tot Ion:264 Resp: 421123

Ion Ratio Lower Upper

264 100

260 24.7 18.5 27.7

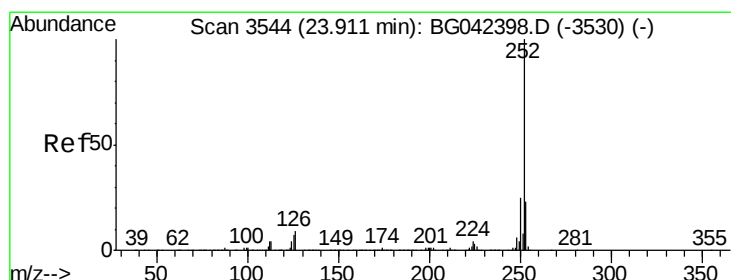
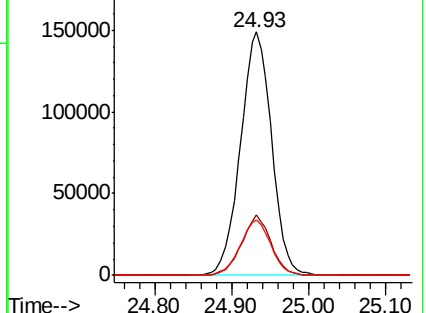
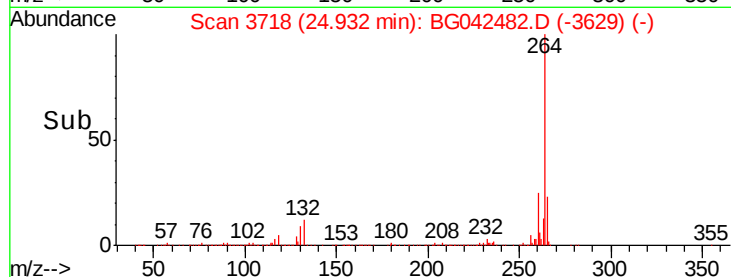
265 22.8 17.6 26.4



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: 45.151 ng

RT: 23.90 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

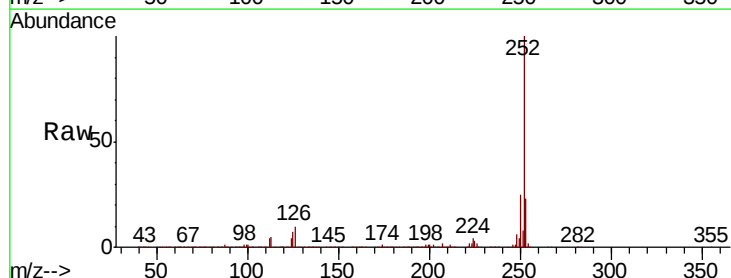
Tgt Ion:252 Resp: 1045322

Ion Ratio Lower Upper

252 100

253 23.1 18.6 27.8

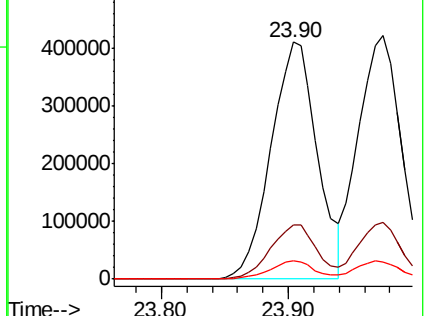
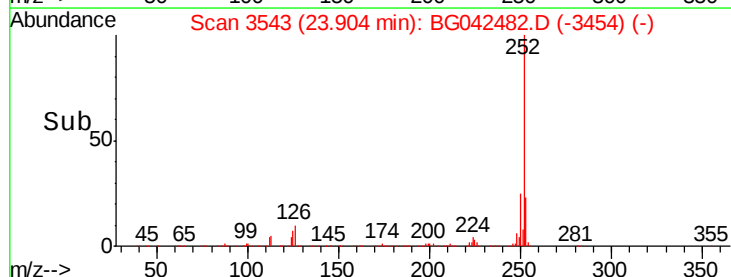
125 7.5 5.6 8.4

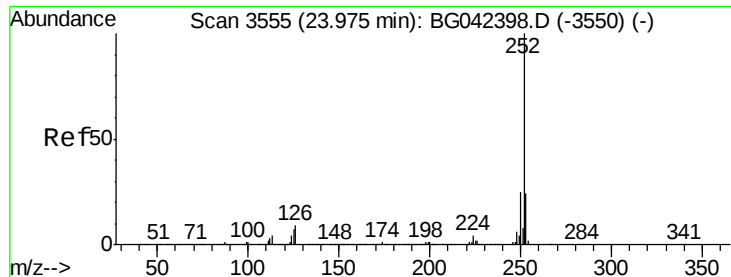


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

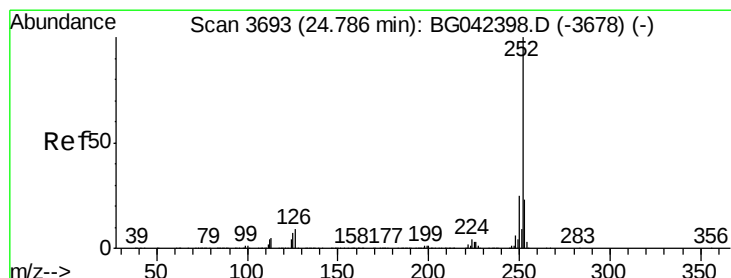
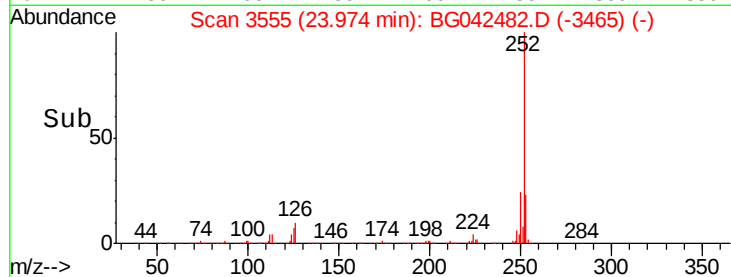
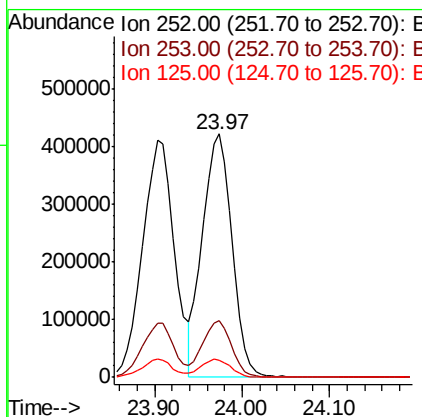
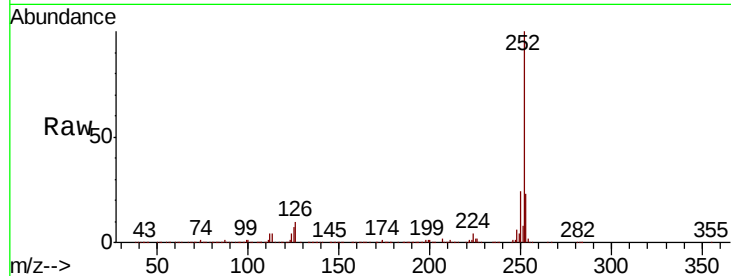




#89
Benzo(k)fluoranthene
Concen: 44.700 ng
RT: 23.97 min Scan# 3555
Delta R.T. -0.00 min
Lab File: BG042482.D
Acq: 25 Aug 2019 17:42

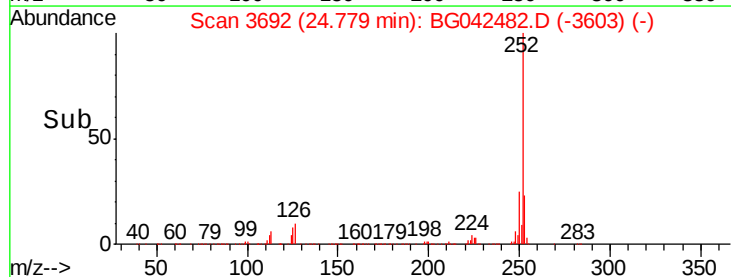
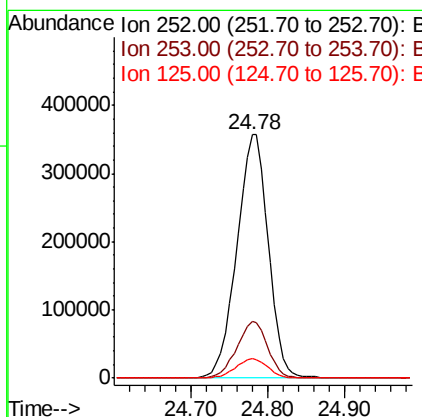
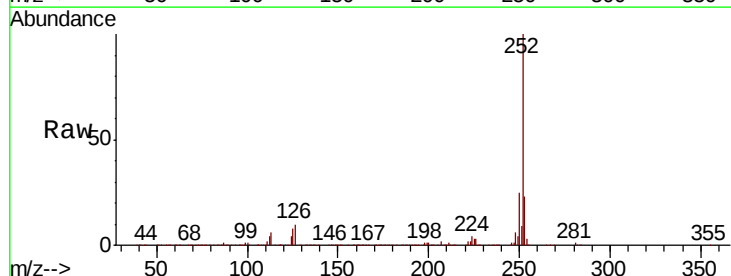
Instrument :
BNA_G
ClientSampled :

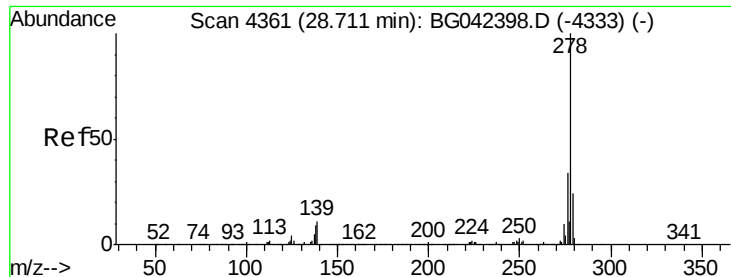
Tot Ion:252 Resp: 994739
Ion Ratio Lower Upper
252 100
253 23.2 18.6 27.8
125 7.2 5.8 8.6



#90
Benzo(a)pyrene
Concen: 46.290 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.01 min
Lab File: BG042482.D
Acq: 25 Aug 2019 17:42

Tgt Ion:252 Resp: 1016944
Ion Ratio Lower Upper
252 100
253 23.4 18.4 27.6
125 8.2 6.0 9.0





#91

Dibenzo(a,h)anthracene

Concen: 44.980 ng

RT: 28.70 min Scan# 4359

Delta R.T. -0.01 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

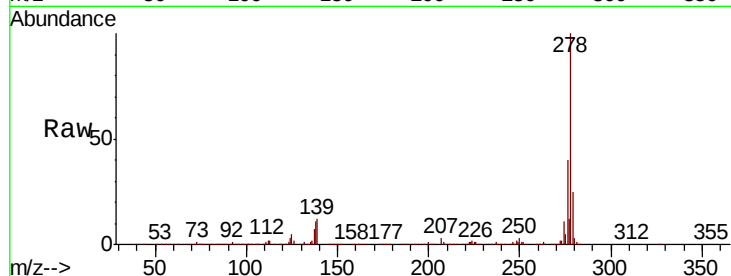
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1000530

Ion	Ratio	Lower	Upper
278	100		
139	12.4	8.8	13.2
279	24.8	19.1	28.7

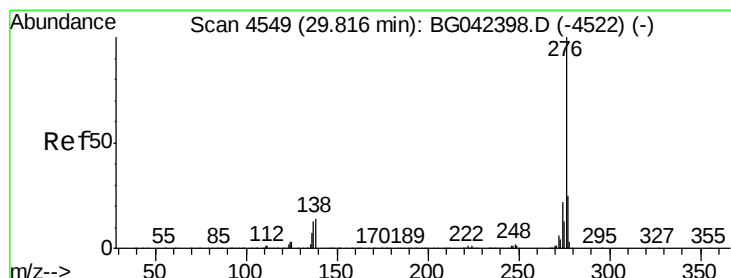
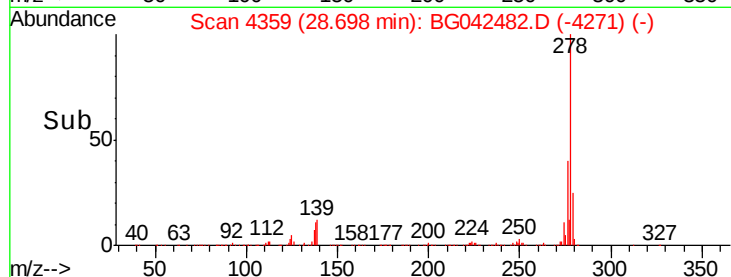
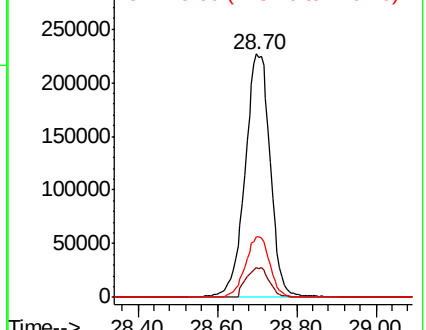


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.473 ng

RT: 29.80 min Scan# 4547

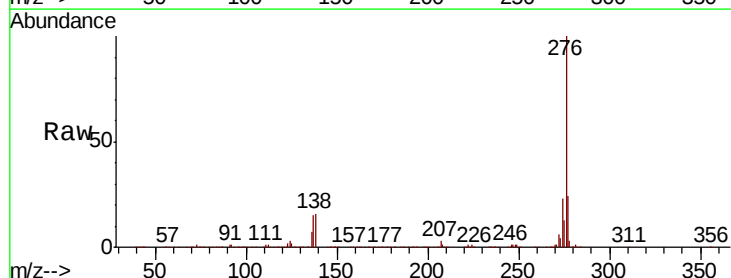
Delta R.T. -0.01 min

Lab File: BG042482.D

Acq: 25 Aug 2019 17:42

Tgt Ion:276 Resp: 1011655

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.8	29.8
138	15.8	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

