

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082619\
 Data File : BG042499.D
 Acq On : 26 Aug 2019 14:23
 Operator : HP/JU
 Sample : PB122533BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122533BS

Quant Time: Aug 27 01:08:01 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	42672	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	173148	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	124833	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	281863	20.00	ng	0.00
76) Chrysene-d12	21.69	240	308165	20.00	ng	0.00
87) Perylene-d12	24.93	264	355671	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	272289	129.23	ng	0.00
7) Phenol-d6	7.17	99	345395	121.36	ng	0.00
23) Nitrobenzene-d5	9.17	82	176222	70.33	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	187663	105.77	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	533427	72.27	ng	0.00
79) Terphenyl-d14	20.02	244	999423	70.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	37696	42.872	ng	100
3) Pyridine	3.82	79	80514	35.710	ng	98
4) n-Nitrosodimethylamine	3.73	42	34915	43.357	ng	# 92
6) Aniline	7.32	93	128722	33.910	ng	99
8) 2-Chlorophenol	7.57	128	119481	46.792	ng	99
9) Benzaldehyde	7.12	77	72509	50.889	ng	97
10) Phenol	7.20	94	136903	47.311	ng	98
11) bis(2-Chloroethyl)ether	7.41	93	101335	44.590	ng	99
12) 1,3-Dichlorobenzene	7.89	146	134807	41.500	ng	97
13) 1,4-Dichlorobenzene	8.04	146	136533	41.495	ng	96
14) 1,2-Dichlorobenzene	8.35	146	129727	41.170	ng	98
15) Benzyl Alcohol	8.24	79	87939	42.948	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.53	45	127461	41.381	ng	98
17) 2-Methylphenol	8.45	107	95496	44.805	ng	97
18) Hexachloroethane	9.09	117	45995	40.833	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	76184	41.319	ng	98
20) 3+4-Methylphenols	8.78	107	131742	44.670	ng	99
22) Acetophenone	8.82	105	165794	44.769	ng	98
24) Nitrobenzene	9.21	77	112381	44.292	ng	98
25) Isophorone	9.73	82	208871	42.240	ng	97
26) 2-Nitrophenol	9.93	139	70801	44.528	ng	100
27) 2,4-Dimethylphenol	9.99	122	111535	50.923	ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	135428	43.453	ng	98
29) 2,4-Dichlorophenol	10.47	162	130170	45.424	ng	97
30) 1,2,4-Trichlorobenzene	10.69	180	144695	41.137	ng	96
31) Naphthalene	10.87	128	356474	44.344	ng	99
32) Benzoic acid	10.14	122	55372	37.075	ng	99
33) 4-Chloroaniline	10.98	127	90091	24.277	ng	98
34) Hexachlorobutadiene	11.16	225	93253	39.448	ng	98
35) Caprolactam	11.75	113	21951	22.956	ng	97
36) 4-Chloro-3-methylphenol	12.11	107	118001	43.377	ng	97
37) 2-Methylnaphthalene	12.48	142	277534	42.996	ng	97
38) 1-Methylnaphthalene	12.70	142	263726	43.014	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	174519	43.534	ng	99

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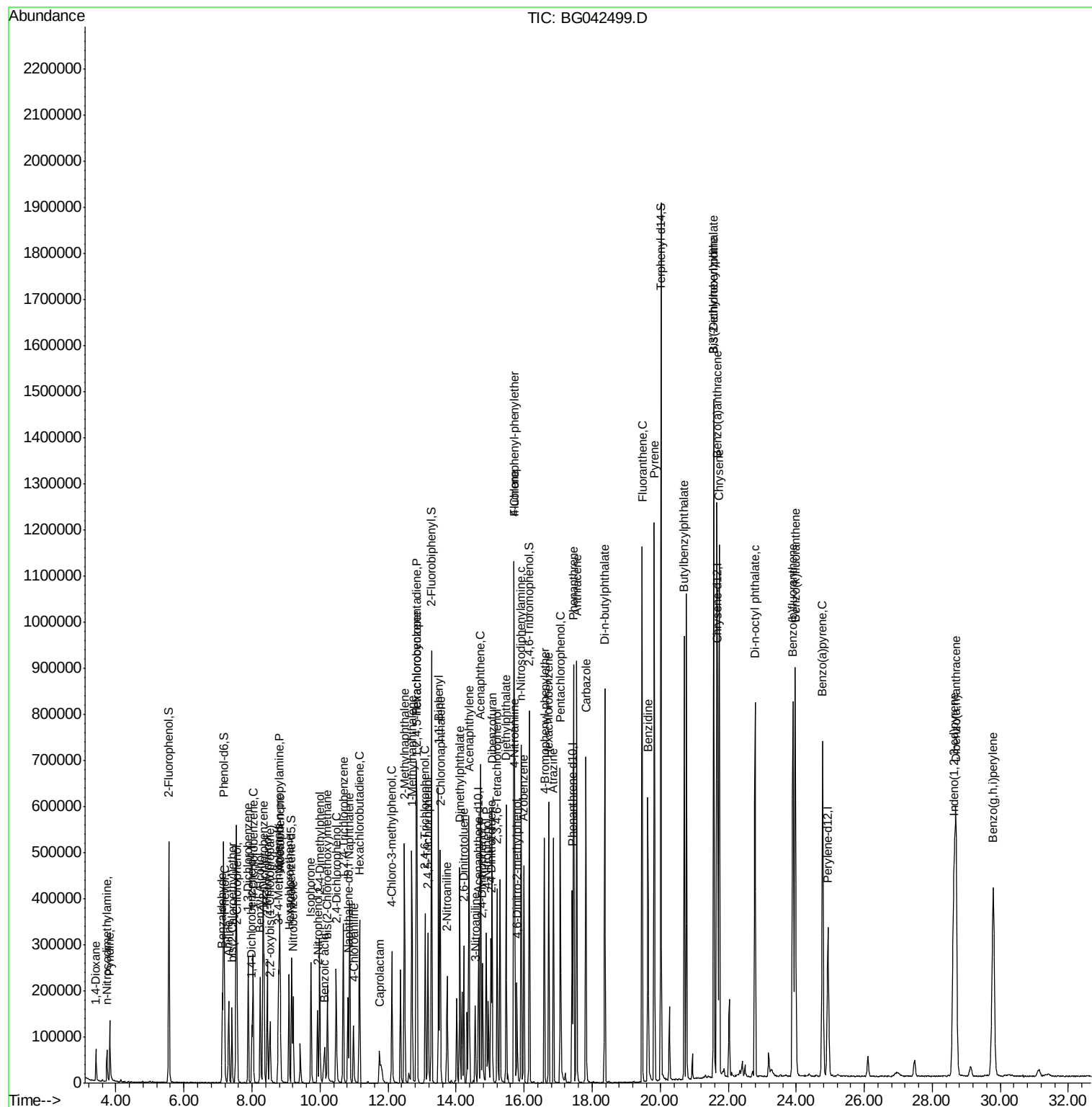
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	203114	96.455	ng	98
43) 2,4,6-Trichlorophenol	13.09	196	115591	42.658	ng	96
44) 2,4,5-Trichlorophenol	13.18	196	124169	44.219	ng	97
46) 1,1'-Biphenyl	13.49	154	362348	44.904	ng	98
47) 2-Chloronaphthalene	13.53	162	294451	42.319	ng	98
48) 2-Nitroaniline	13.73	65	68383	40.757	ng	99
49) Acenaphthylene	14.38	152	463216	44.251	ng	100
50) Dimethylphthalate	14.11	163	369810	41.057	ng	100
51) 2,6-Dinitrotoluene	14.23	165	88618	42.446	ng	97
52) Acenaphthene	14.72	154	271576	42.726	ng	100
53) 3-Nitroaniline	14.56	138	59620	28.554	ng	98
54) 2,4-Dinitrophenol	14.77	184	94147	67.922	ng	97
55) Dibenzofuran	15.06	168	460064	43.726	ng	99
56) 4-Nitrophenol	14.89	139	130198	87.754	ng	97
57) 2,4-Dinitrotoluene	15.02	165	125008	41.813	ng	95
58) Fluorene	15.71	166	369363	42.946	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	113805	40.982	ng	99
60) Diethylphthalate	15.47	149	360629	40.957	ng	100
61) 4-Chlorophenyl-phenylether	15.70	204	213309	41.143	ng	99
62) 4-Nitroaniline	15.73	138	88521	39.613	ng	96
63) Azobenzene	15.99	77	259315	42.980	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	77164	43.666	ng	98
66) n-Nitrosodiphenylamine	15.91	169	337339	43.519	ng	99
67) 4-Bromophenyl-phenylether	16.60	248	144635	40.455	ng	99
68) Hexachlorobenzene	16.73	284	150305	38.673	ng	98
69) Atrazine	16.86	200	124536	45.432	ng	97
70) Pentachlorophenol	17.07	266	175971	87.141	ng	97
71) Phenanthrene	17.45	178	620439	44.315	ng	99
72) Anthracene	17.55	178	626165	44.800	ng	99
73) Carbazole	17.81	167	561104	45.044	ng	99
74) Di-n-butylphthalate	18.37	149	649896	44.136	ng	100
75) Fluoranthene	19.47	202	800019	46.821	ng	99
77) Benzidine	19.64	184	449374	50.862	ng	99
78) Pyrene	19.83	202	819379	43.368	ng	99
80) Butylbenzylphthalate	20.71	149	321513	43.265	ng	100
81) Benzo(a)anthracene	21.67	228	820418	43.764	ng	98
82) 3,3'-Dichlorobenzidine	21.58	252	247884	32.878	ng	99
83) Chrysene	21.74	228	787560	43.562	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	461815	44.759	ng	99
85) Di-n-octyl phthalate	22.79	149	805683	45.401	ng	99
86) Indeno(1,2,3-cd)pyrene	28.63	276	1047640	42.641	ng	# 95
88) Benzo(b)fluoranthene	23.90	252	897908	45.921	ng	99
89) Benzo(k)fluoranthene	23.97	252	877930	46.711	ng	99
90) Benzo(a)pyrene	24.78	252	895553	48.266	ng	99
91) Dibenzo(a,h)anthracene	28.69	278	868222	46.215	ng	99
92) Benzo(g,h,i)perylene	29.79	276	877711	46.713	ng	98

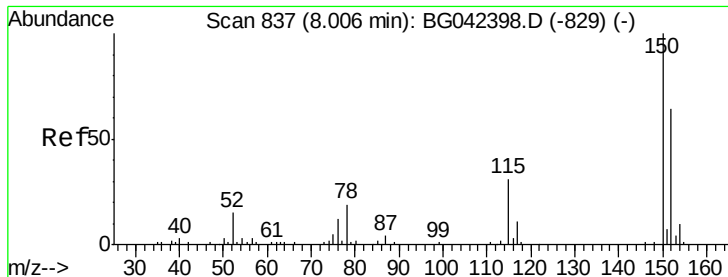
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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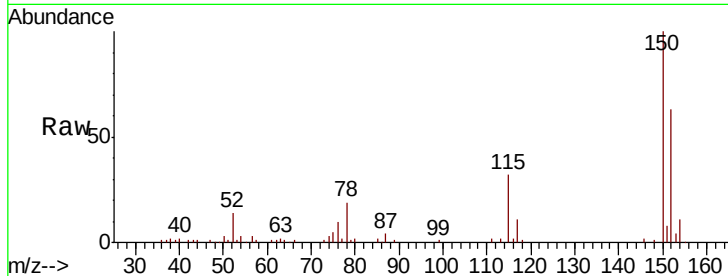


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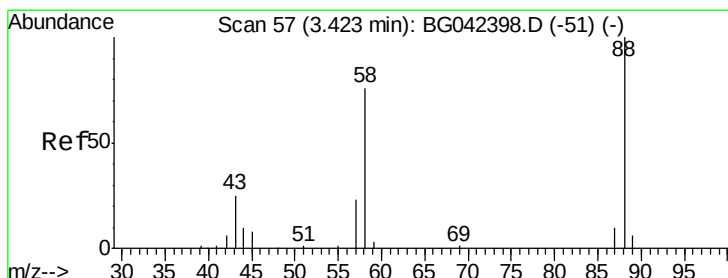
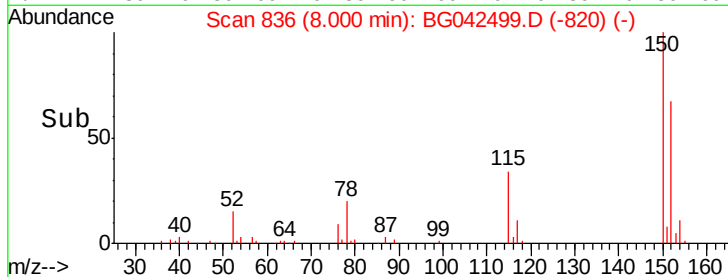
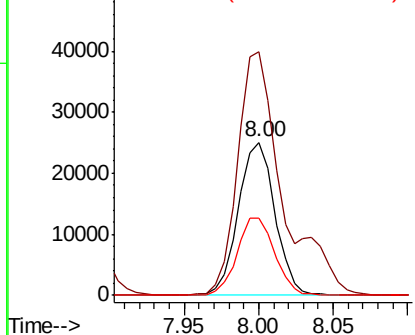
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042499.D
Acq: 26 Aug 2019 14:23

Instrument :
BNA_G
ClientSampleId :
PB122533BS

Tgt Ion:152 Resp: 42672
Ion Ratio Lower Upper
152 100
150 159.3 125.4 188.0
115 50.5 38.5 57.7



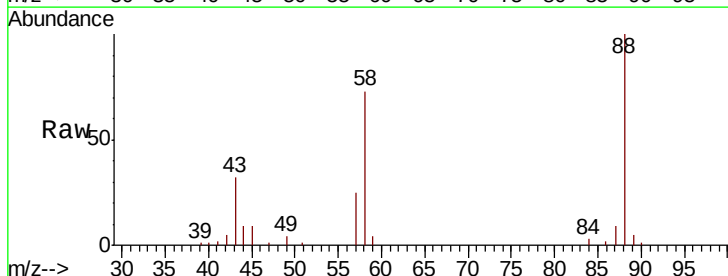
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



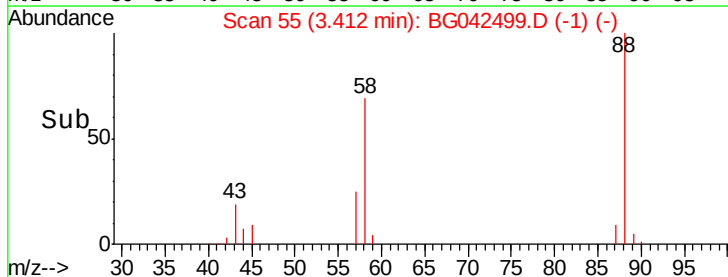
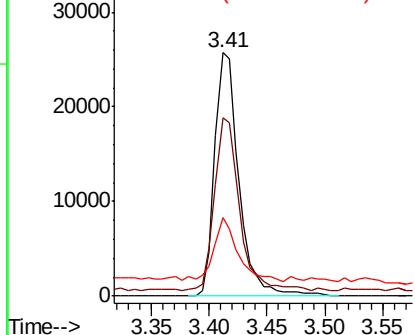
#2

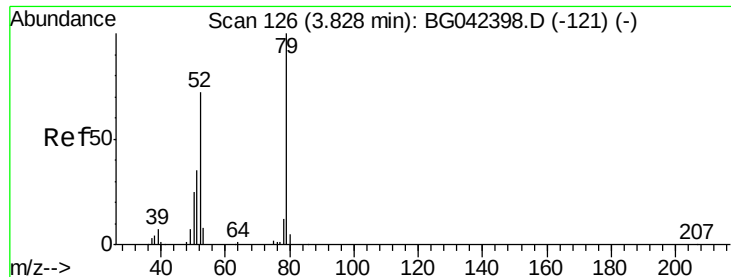
1,4-Dioxane
Concen: 42.872 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BG042499.D
Acq: 26 Aug 2019 14:23

Tgt Ion: 88 Resp: 37696
Ion Ratio Lower Upper
88 100
58 72.8 58.3 87.5
43 25.2 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

Pyridine

Concen: 35.710 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

Instrument :

BNA_G

ClientSampleId :

PB122533BS

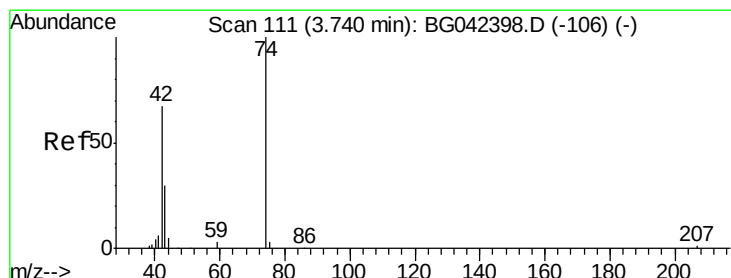
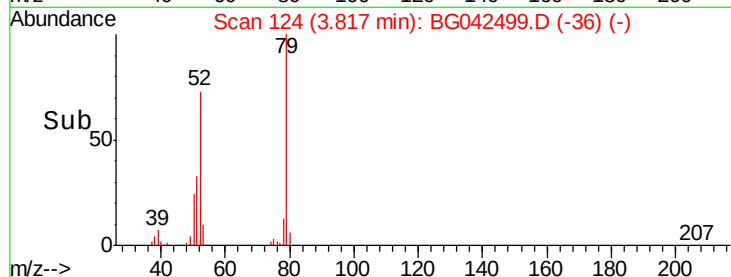
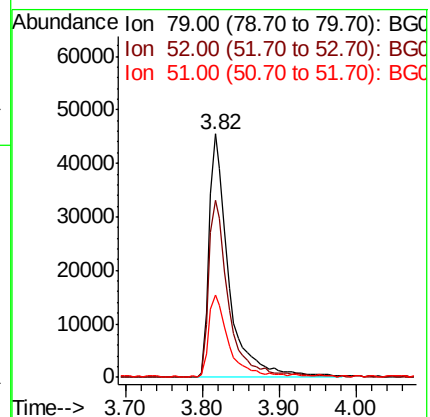
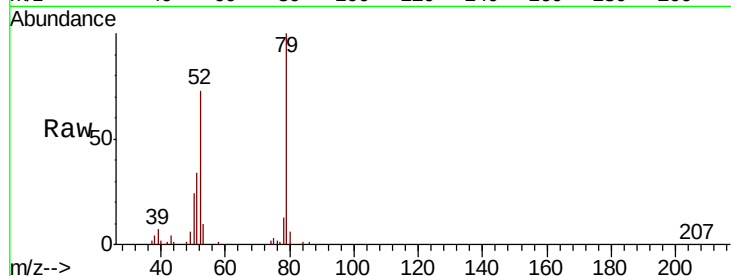
Tgt Ion: 79 Resp: 80514

Ion Ratio Lower Upper

79 100

52 72.8 57.7 86.5

51 34.0 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 43.357 ng

RT: 3.73 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

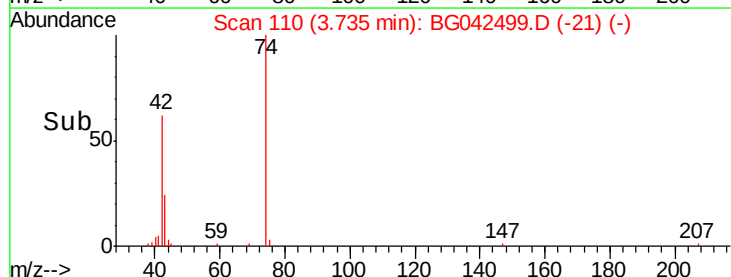
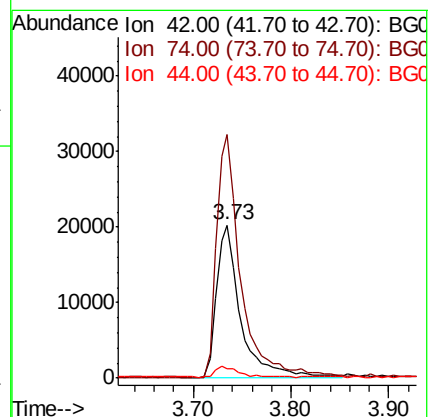
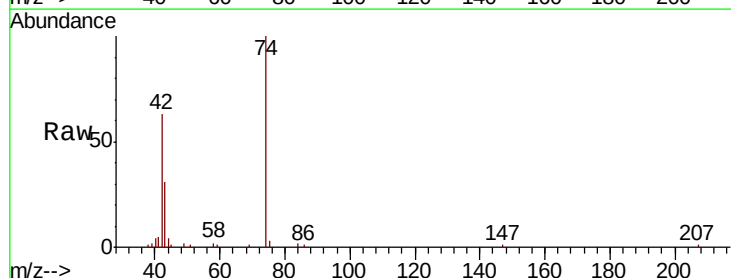
Tgt Ion: 42 Resp: 34915

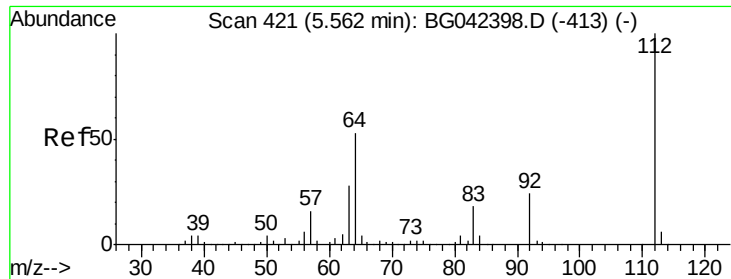
Ion Ratio Lower Upper

42 100

74 159.1 119.6 179.4

44 6.1 6.5 9.7#





#5

2-Fluorophenol

Concen: 129.233 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

Instrument :

BNA_G

ClientSampleId :

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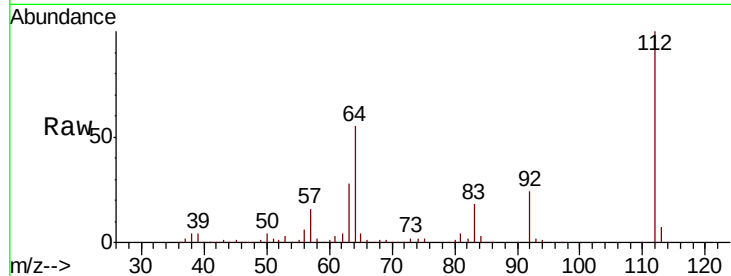
Tgt Ion: 112 Resp: 272289

Ion Ratio Lower Upper

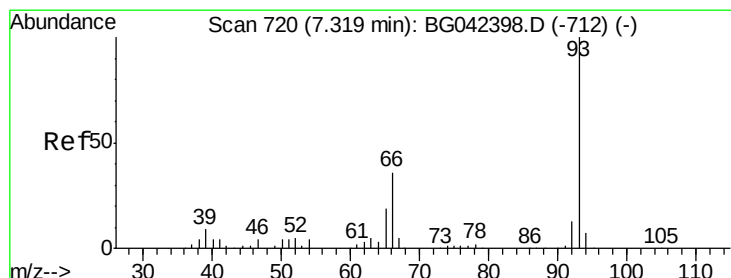
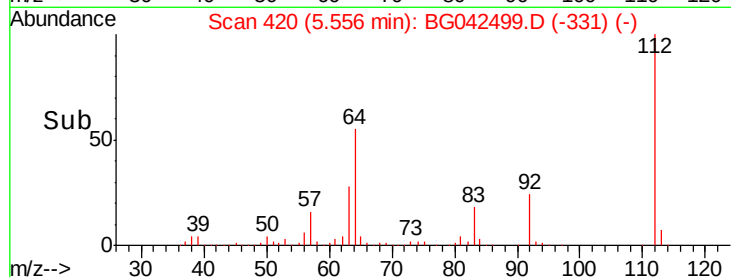
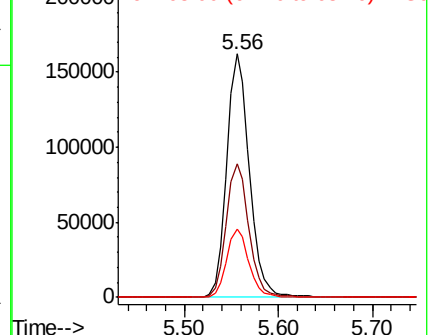
112 100

64 55.1 42.8 64.2

63 27.9 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: 33.910 ng

RT: 7.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

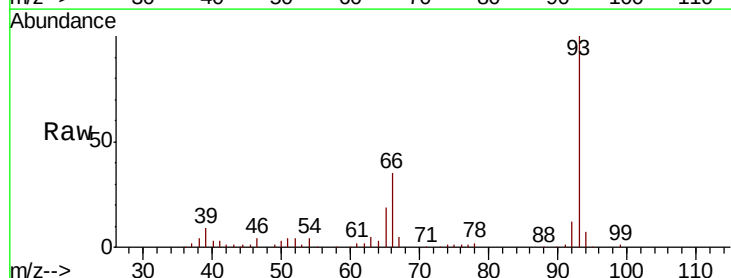
Tgt Ion: 93 Resp: 128722

Ion Ratio Lower Upper

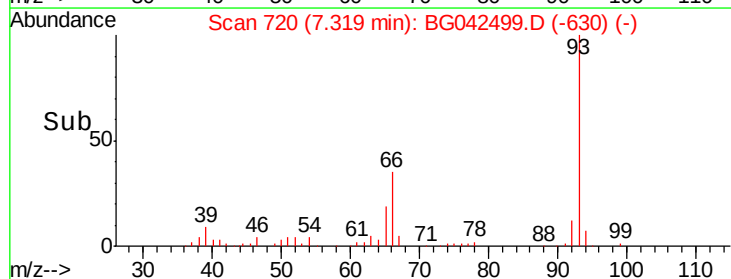
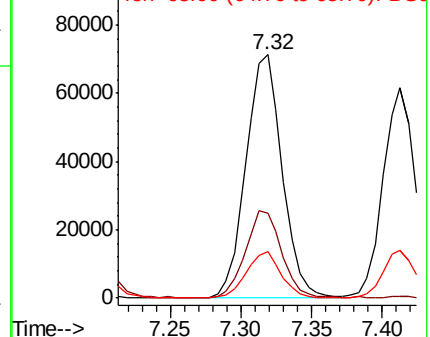
93 100

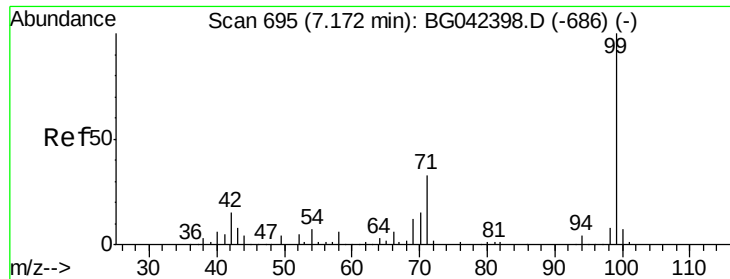
66 35.1 29.0 43.6

65 18.9 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: 121.361 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042499.D

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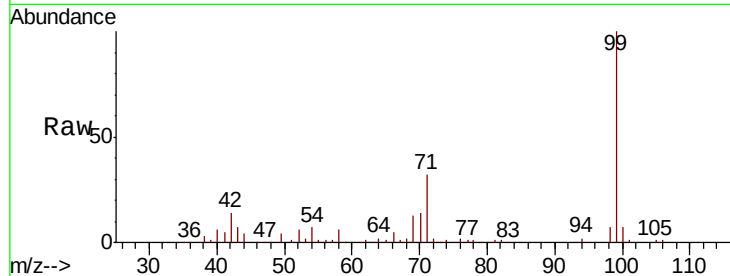
Tgt Ion: 99 Resp: 345395

Ion Ratio Lower Upper

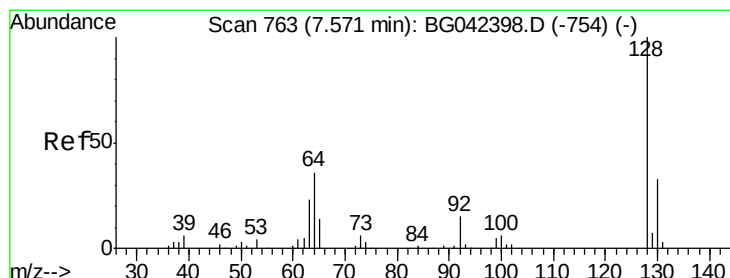
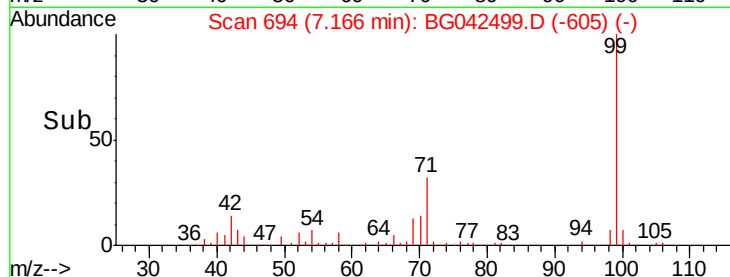
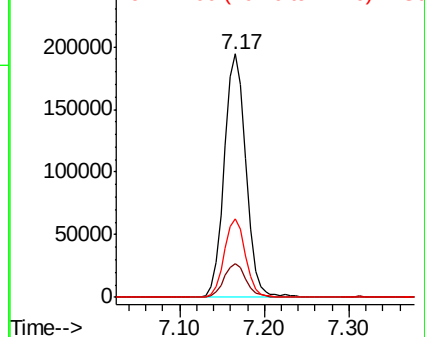
99 100

42 13.6 12.0 18.0

71 32.3 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: 46.792 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

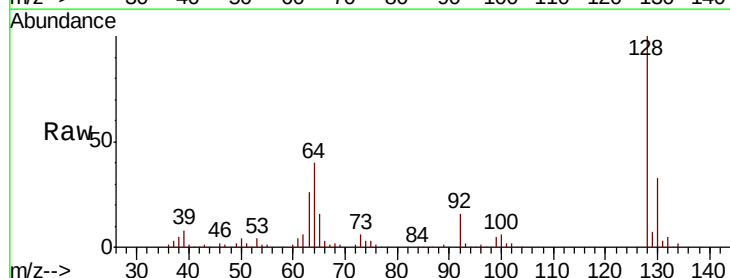
Tgt Ion: 128 Resp: 119481

Ion Ratio Lower Upper

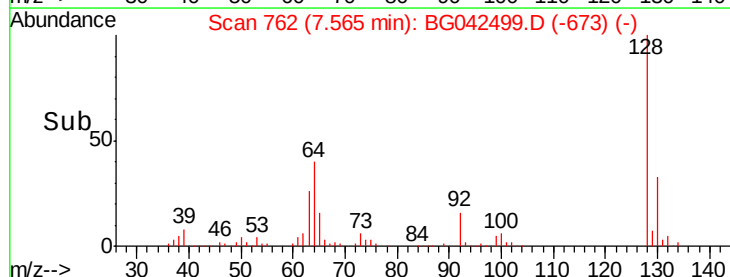
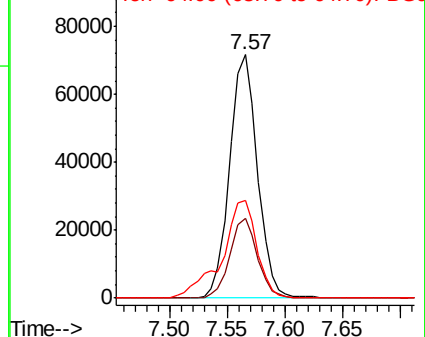
128 100

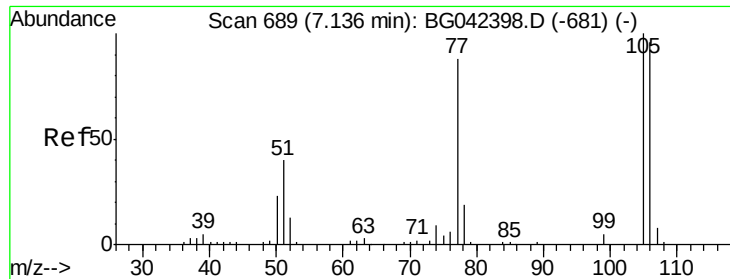
130 32.9 12.8 52.8

64 40.2 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: 50.889 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.01 min

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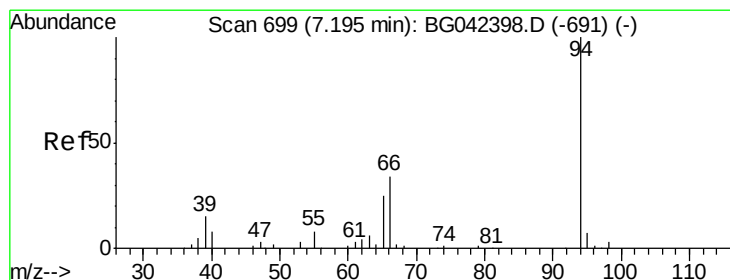
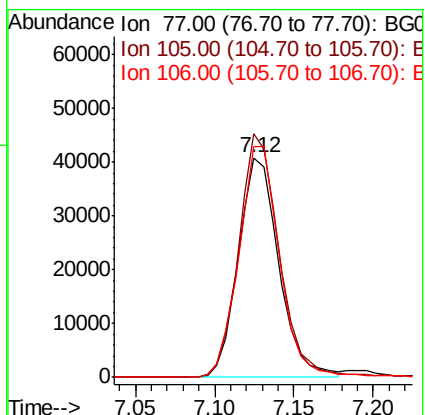
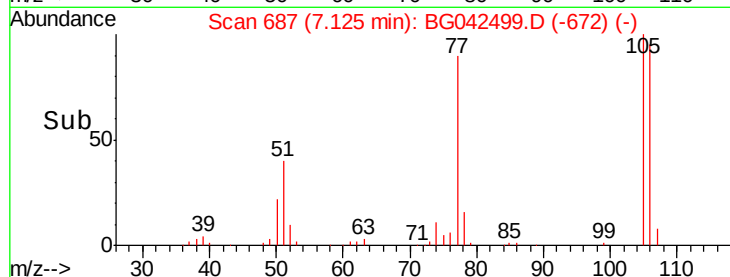
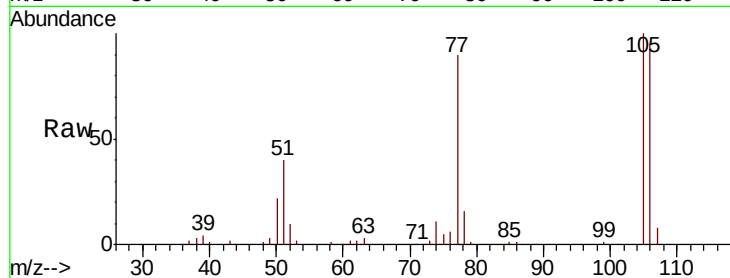
Tgt Ion: 77 Resp: 72509

Ion Ratio Lower Upper

77 100

105 110.7 93.4 133.4

106 105.0 88.4 128.4



#10

Phenol

Concen: 47.311 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

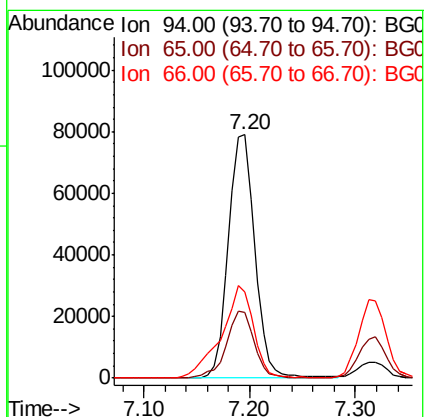
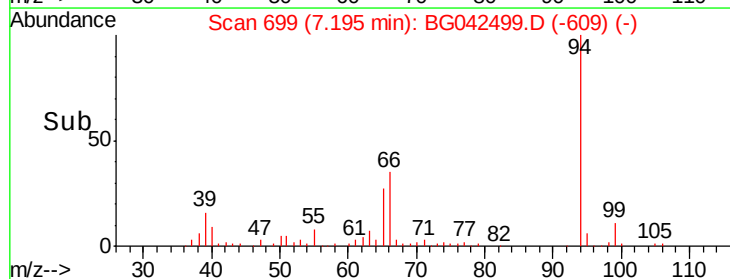
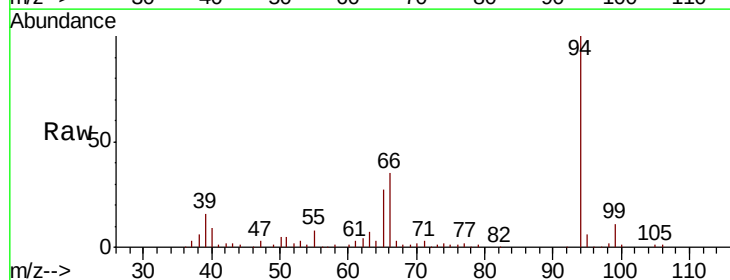
Tgt Ion: 94 Resp: 136903

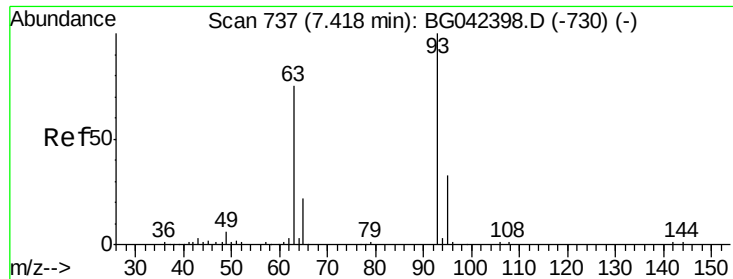
Ion Ratio Lower Upper

94 100

65 26.9 5.6 45.6

66 35.3 16.0 56.0

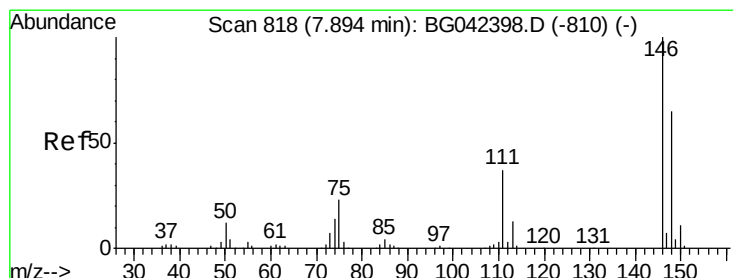
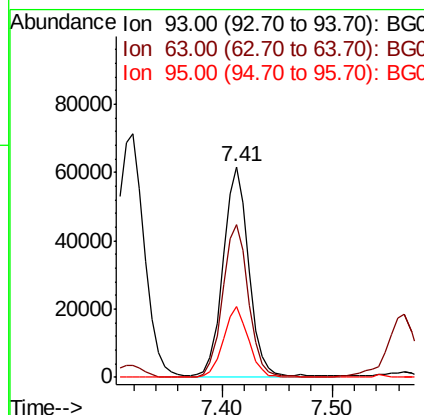
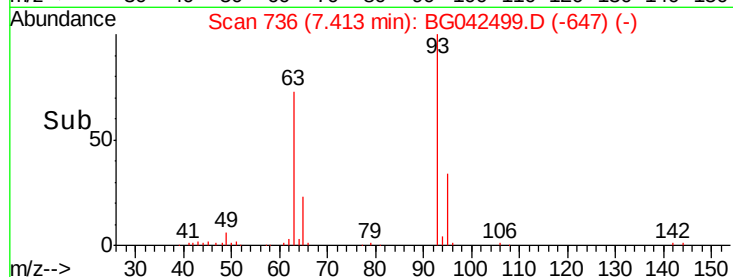
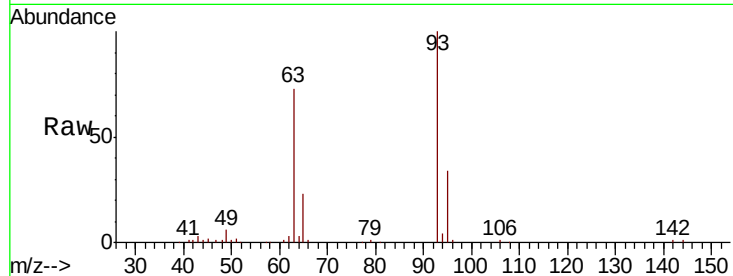




#11
bis(2-Chloroethyl)ether
Concen: 44.590 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.01 min
Lab File: BG042499.D
Acq: 26 Aug 2019 14:23

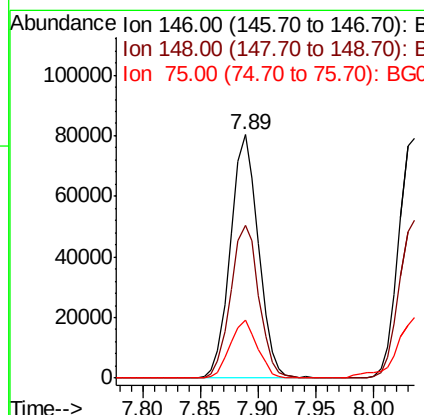
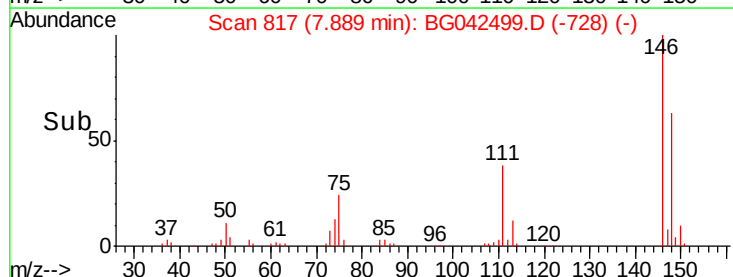
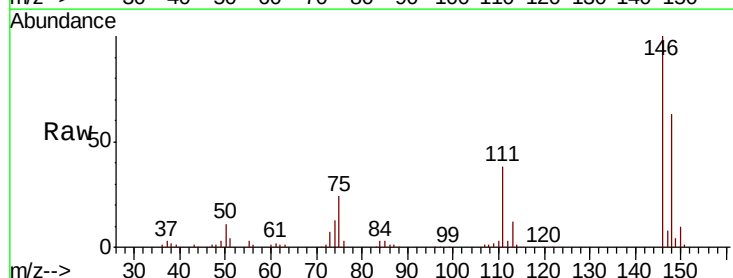
Instrument :
BNA_G
ClientSampleId :
PB122533BS

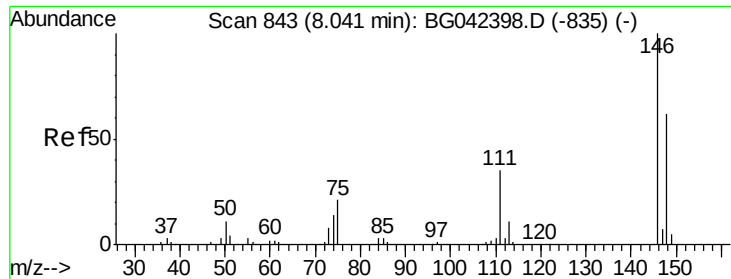
Tgt Ion: 93 Resp: 101335
Ion Ratio Lower Upper
93 100
63 72.5 53.8 93.8
95 33.7 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 41.500 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG042499.D
Acq: 26 Aug 2019 14:23

Tgt Ion: 146 Resp: 134807
Ion Ratio Lower Upper
146 100
148 62.9 52.2 78.2
75 23.6 18.0 27.0

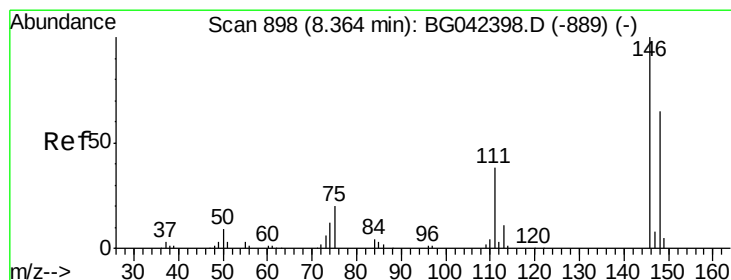
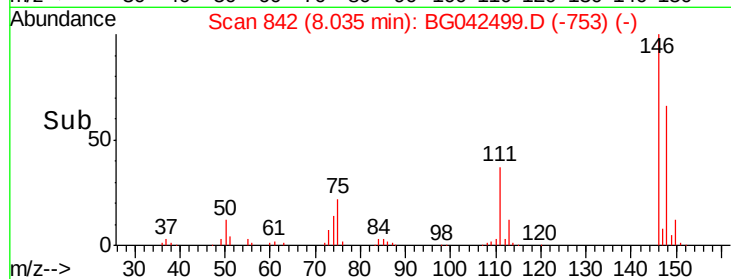
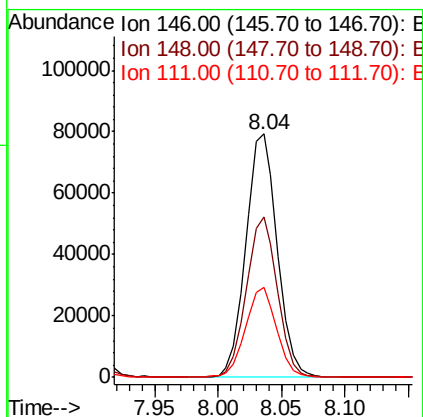
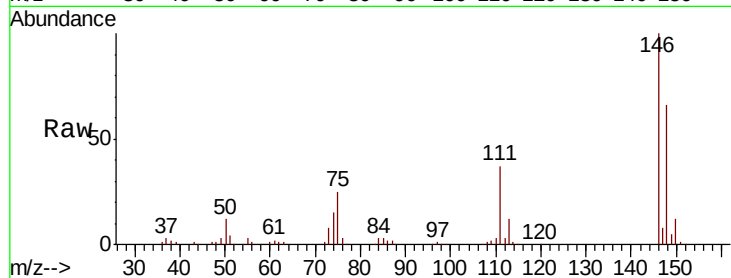




#13
 1,4-Dichlorobenzene
 Concen: 41.495 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG042499.D
 Acq: 26 Aug 2019 14:23

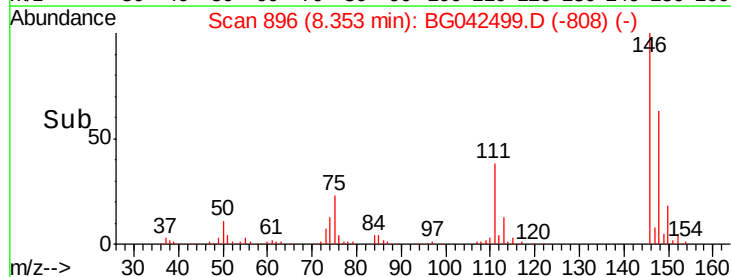
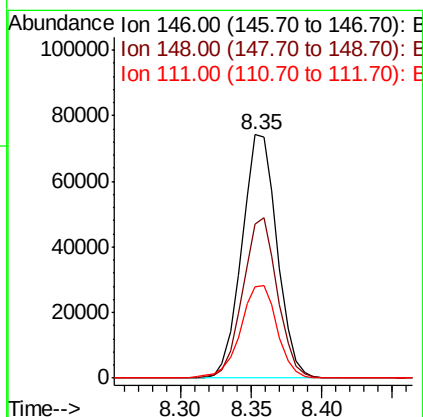
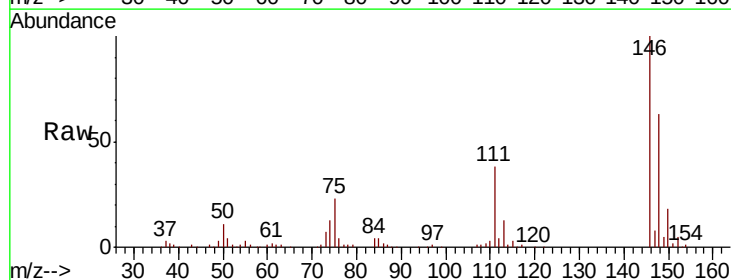
Instrument :
 BNA_G
 ClientSampleId :
 PB122533BS

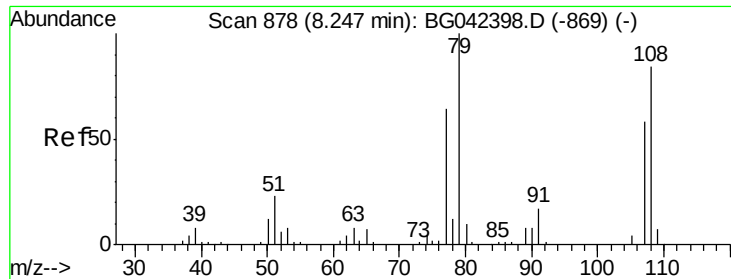
Tgt Ion:146 Resp: 136533
 Ion Ratio Lower Upper
 146 100
 148 65.9 49.5 74.3
 111 36.9 28.1 42.1



#14
 1,2-Dichlorobenzene
 Concen: 41.170 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG042499.D
 Acq: 26 Aug 2019 14:23

Tgt Ion:146 Resp: 129727
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.8 77.6
 111 37.7 30.9 46.3

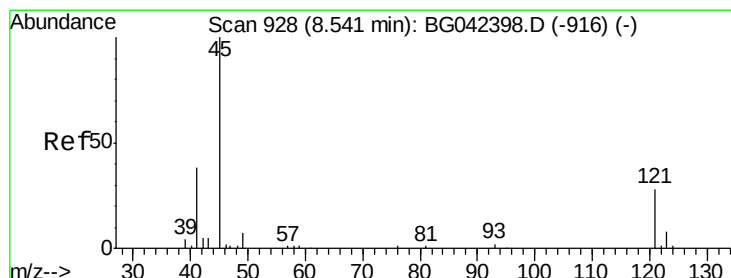
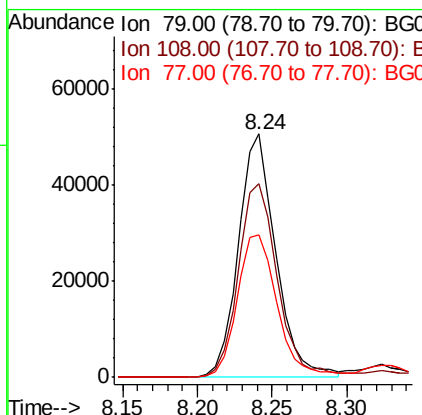
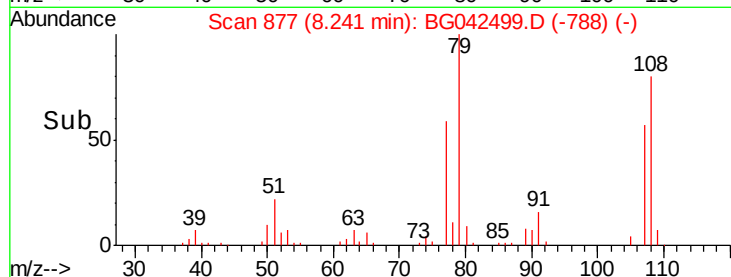
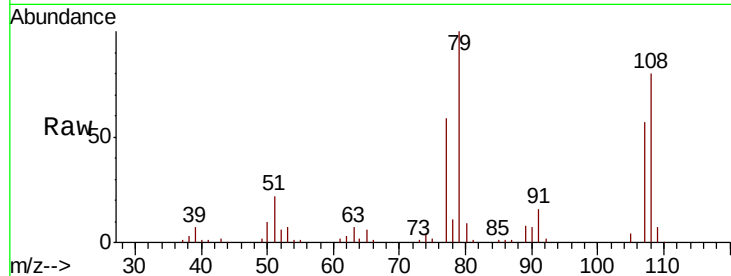




#15
Benzyl Alcohol
Concen: 42.948 ng
RT: 8.24 min Scan# 877
Delta R.T. -0.01 min
Lab File: BG042499.D
Acq: 26 Aug 2019 14:23

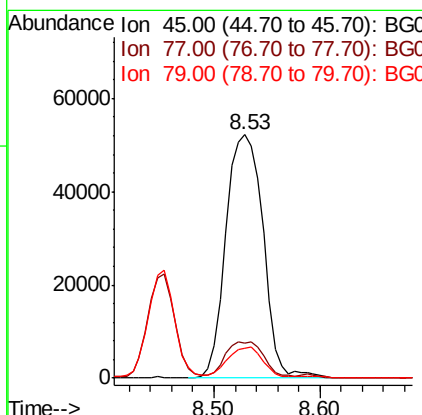
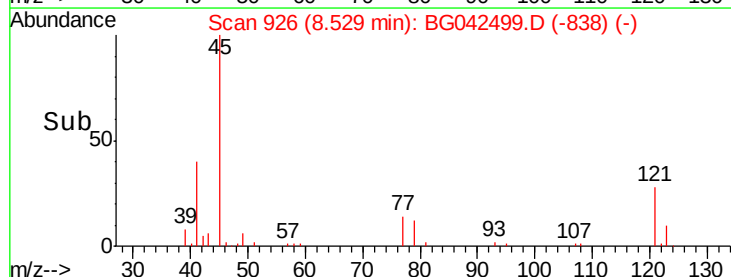
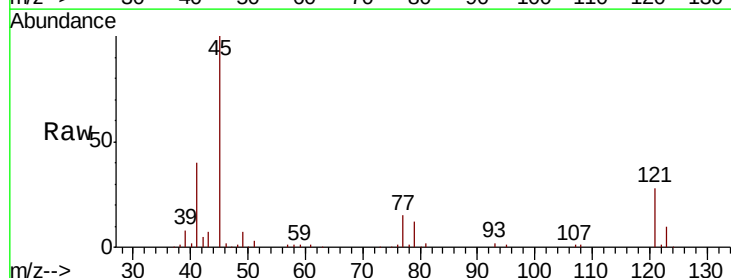
Instrument :
BNA_G
ClientSampleId :
PB122533BS

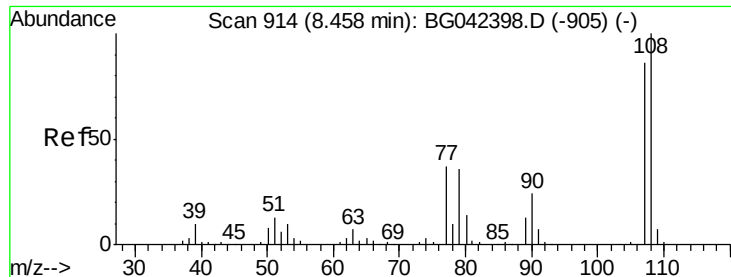
Tgt Ion: 79 Resp: 87939
Ion Ratio Lower Upper
79 100
108 79.5 67.4 101.2
77 58.7 50.8 76.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.381 ng
RT: 8.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BG042499.D
Acq: 26 Aug 2019 14:23

Tgt Ion: 45 Resp: 127461
Ion Ratio Lower Upper
45 100
77 14.6 0.0 35.6
79 12.3 0.0 31.6

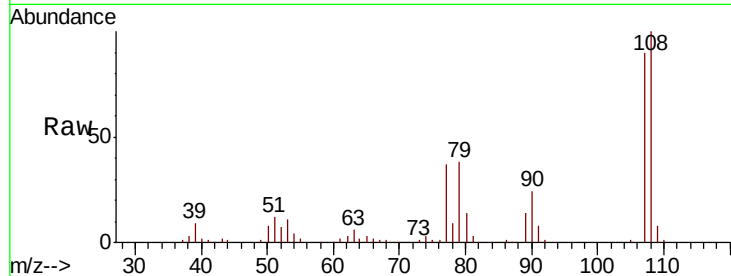




#17
2-Methylphenol
Concen: 44.805 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG042499.D
Acq: 26 Aug 2019 14:23

Instrument :
BNA_G
ClientSampleId :
PB122533BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.1	92.9	139.3
77	40.8	34.4	51.6
79	42.5	33.8	50.6



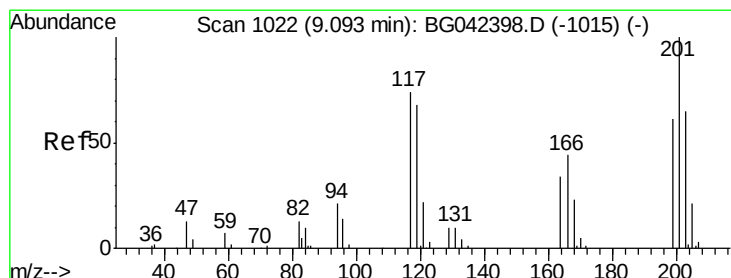
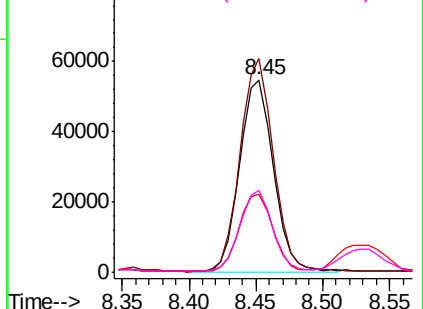
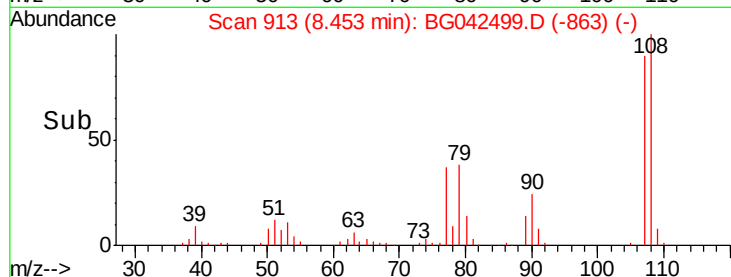
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

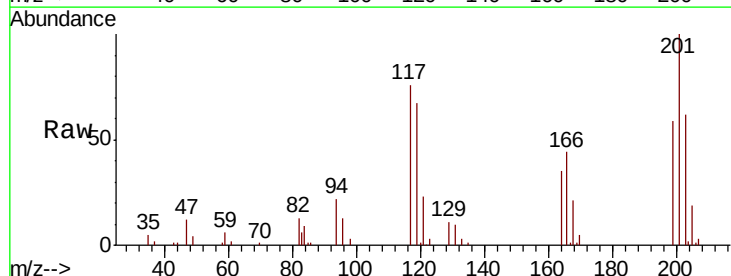
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 40.833 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG042499.D
Acq: 26 Aug 2019 14:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	88.4	73.8	110.8
201	132.3	108.3	162.5

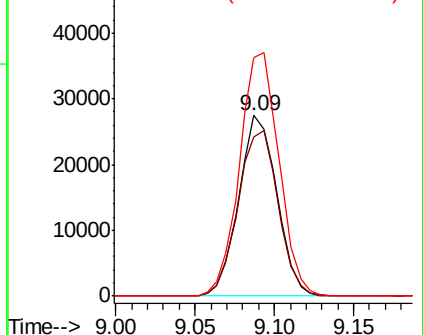
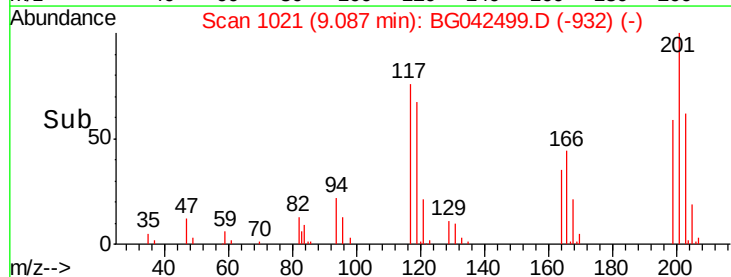


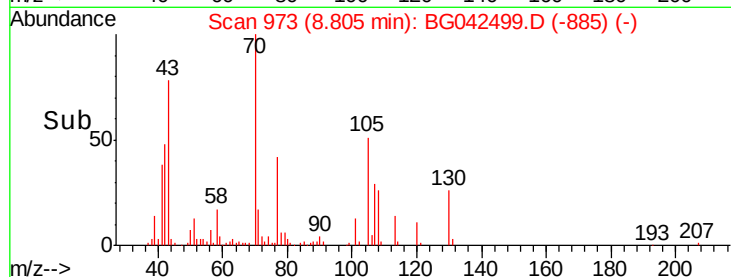
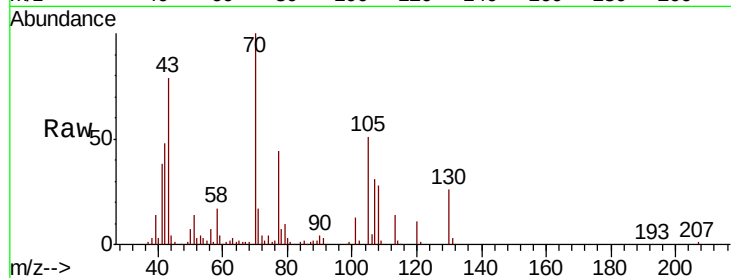
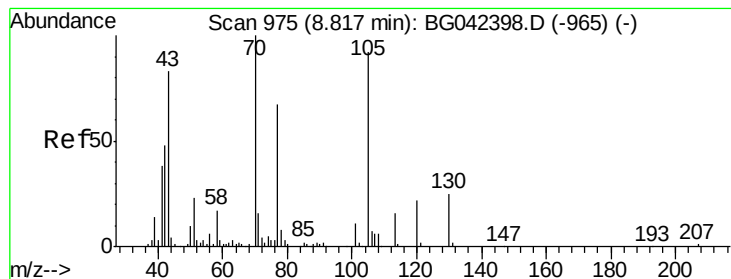
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.319 ng

RT: 8.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

Instrument :

BNA_G

ClientSampleId :

PB122533BS

Tgt Ion: 70 Resp: 76184

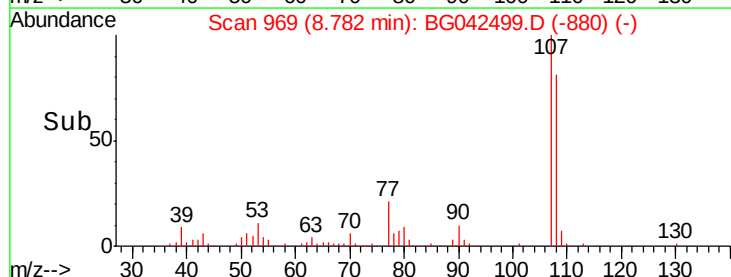
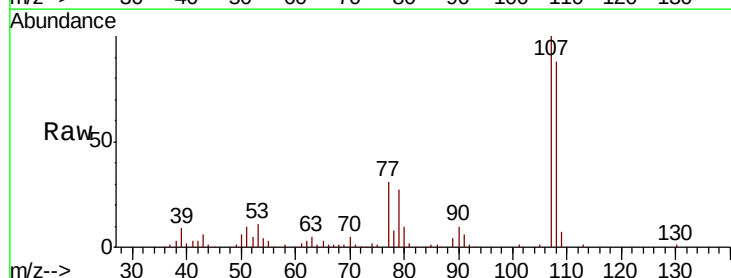
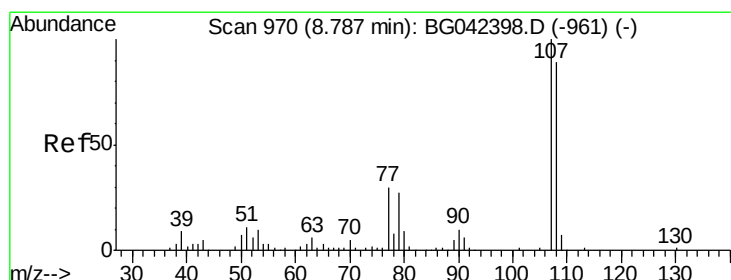
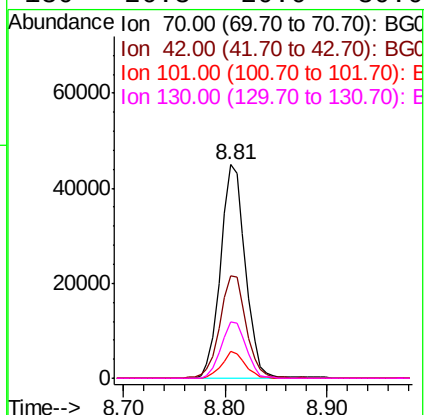
Ion Ratio Lower Upper

70 100

42 47.9 38.8 58.2

101 12.5 9.0 13.6

130 26.3 20.0 30.0



#20

3+4-Methylphenols

Concen: 44.670 ng

RT: 8.78 min Scan# 969

Delta R.T. -0.01 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

Tgt Ion: 107 Resp: 131742

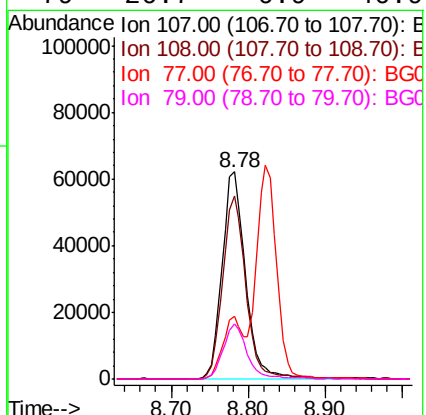
Ion Ratio Lower Upper

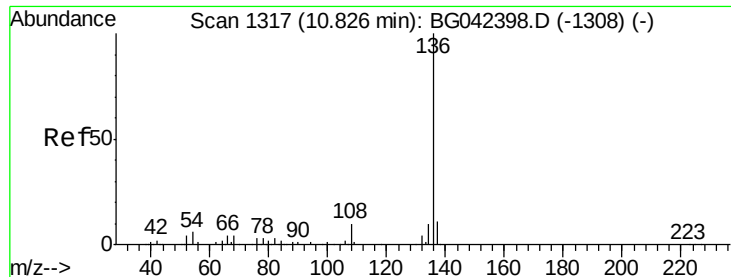
107 100

108 88.3 68.7 108.7

77 30.6 10.2 50.2

79 26.7 6.9 46.9

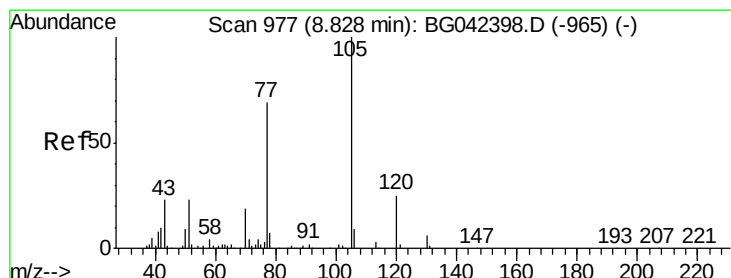
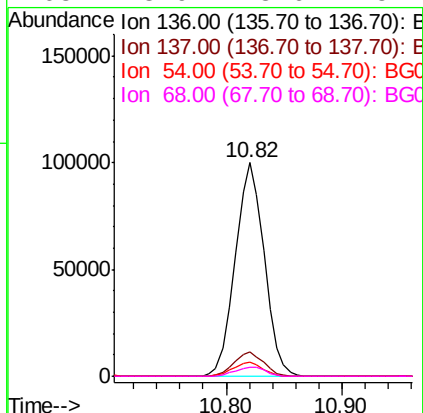
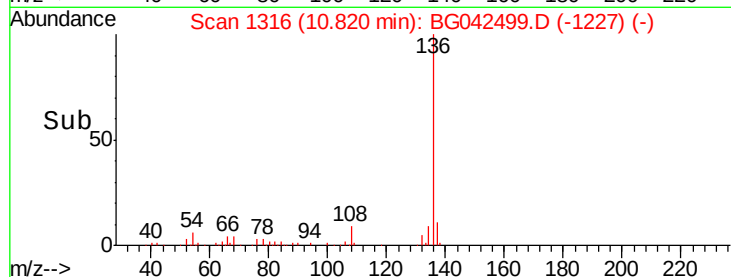
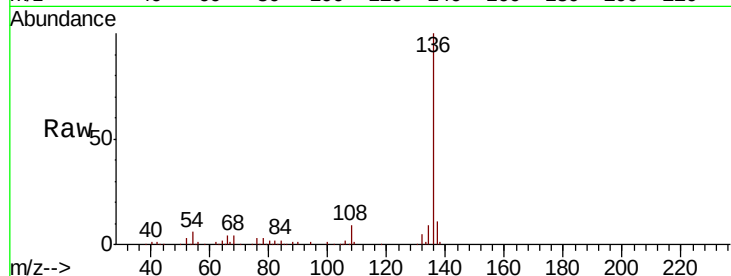




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042499.D
Acq: 26 Aug 2019 14:23

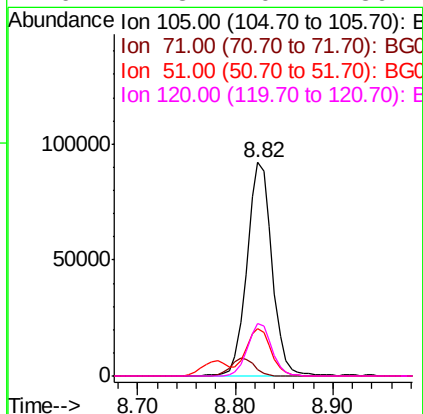
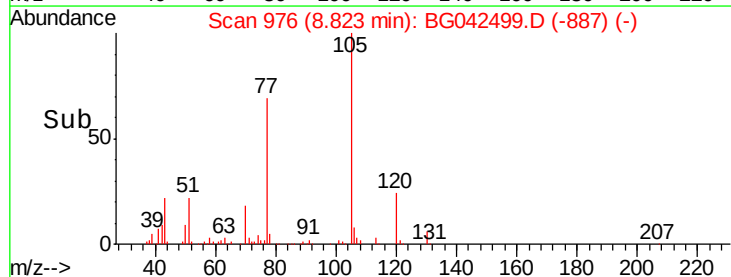
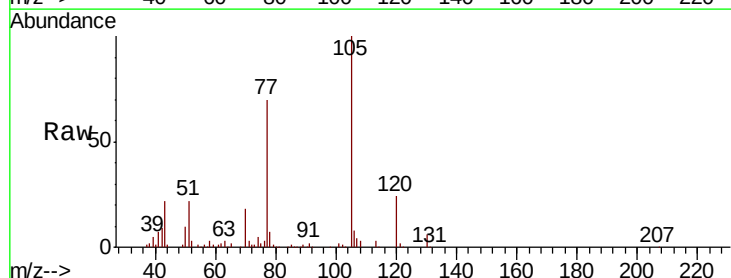
Instrument :
BNA_G
ClientSampleId :
PB122533BS

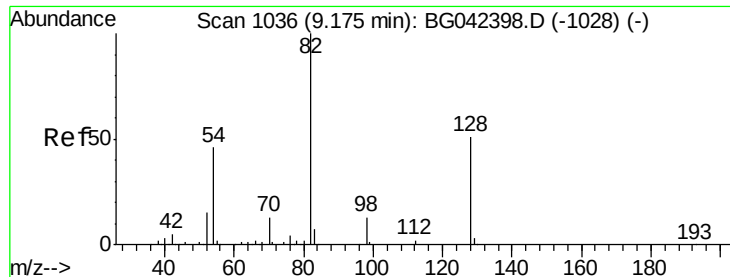
Tgt Ion:	136	Resp:	173148
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.5	4.9	7.3
68	3.9	3.6	5.4



#22
Acetophenone
Concen: 44.769 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG042499.D
Acq: 26 Aug 2019 14:23

Tgt Ion:	105	Resp:	165794
Ion	Ratio	Lower	Upper
105	100		
71	3.0	2.8	4.2
51	22.2	18.7	28.1
120	24.3	20.1	30.1

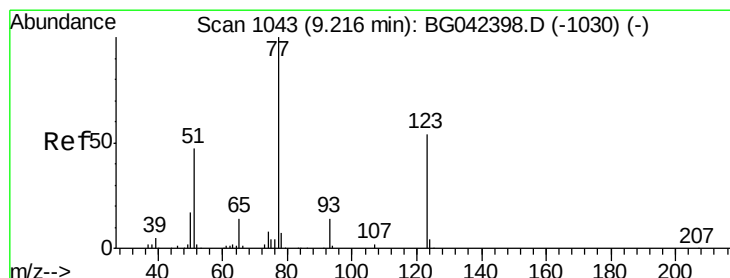
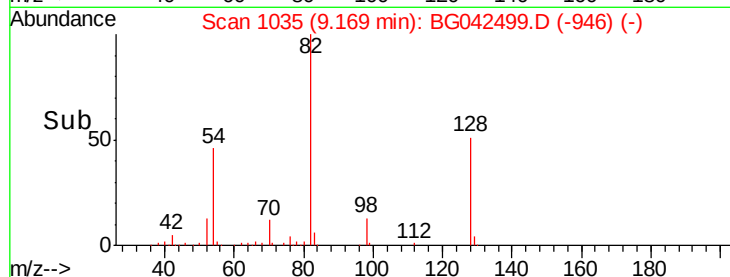
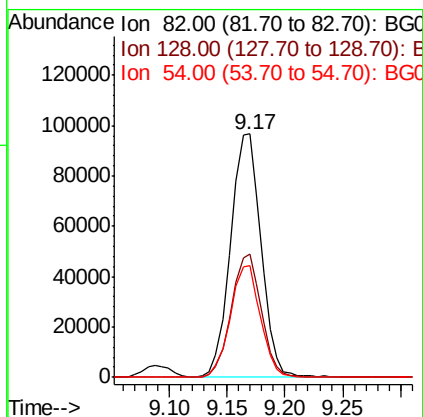
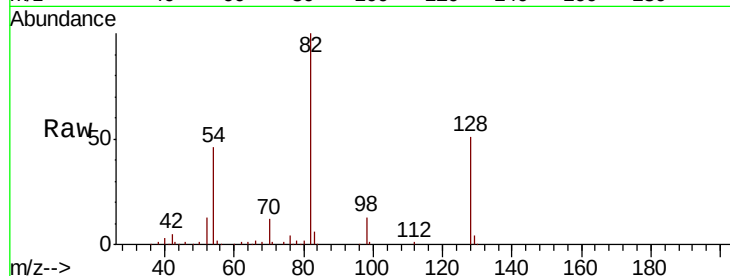




#23
 Nitrobenzene-d5
 Concen: 70.331 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG042499.D
 Acq: 26 Aug 2019 14:23

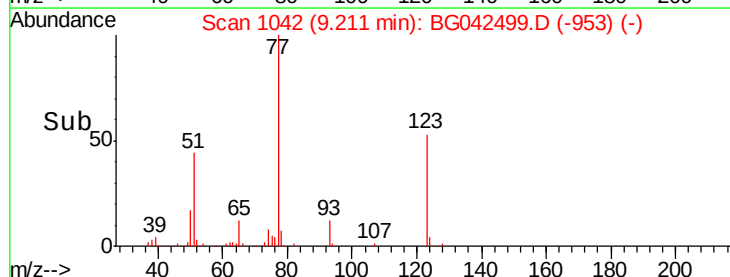
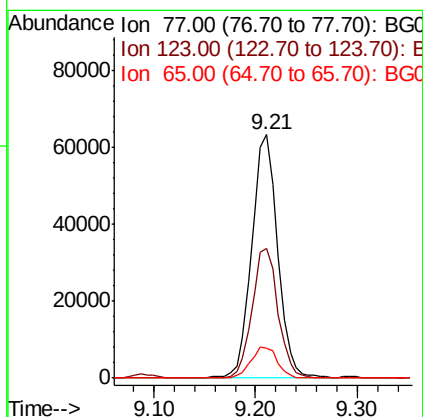
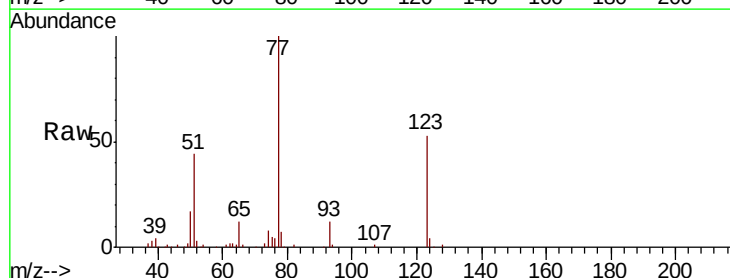
Instrument :
 BNA_G
 ClientSampleId :
 PB122533BS

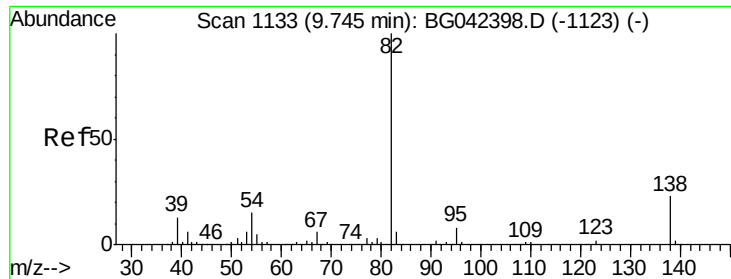
Tgt Ion: 82 Resp: 176222
 Ion Ratio Lower Upper
 82 100
 128 50.7 40.7 61.1
 54 45.9 36.3 54.5



#24
 Nitrobenzene
 Concen: 44.292 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG042499.D
 Acq: 26 Aug 2019 14:23

Tgt Ion: 77 Resp: 112381
 Ion Ratio Lower Upper
 77 100
 123 53.2 43.4 65.0
 65 12.3 11.0 16.6





#25

Isophorone

Concen: 42.240 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

Instrument :

BNA_G

ClientSampleId :

PB122533BS

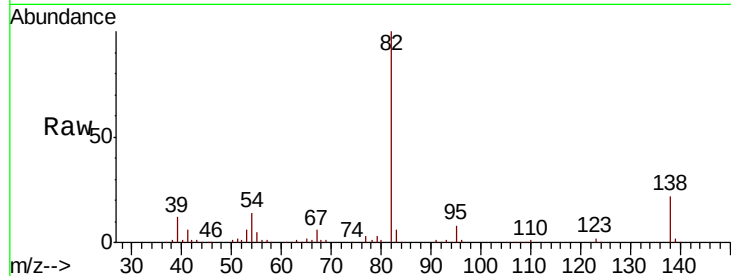
Tgt Ion: 82 Resp: 208871

Ion Ratio Lower Upper

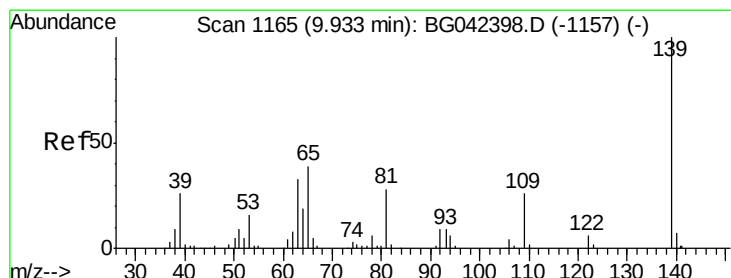
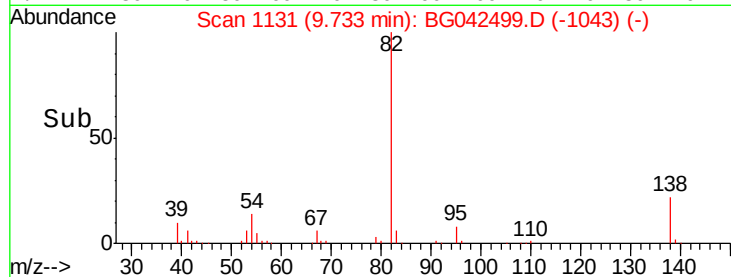
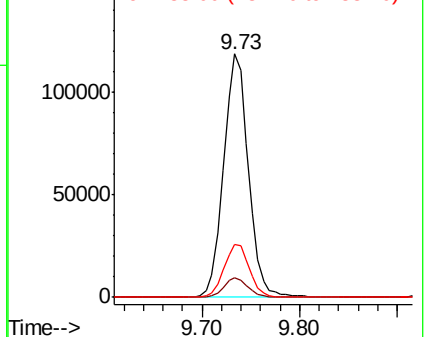
82 100

95 7.9 6.6 9.8

138 21.6 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: 44.528 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

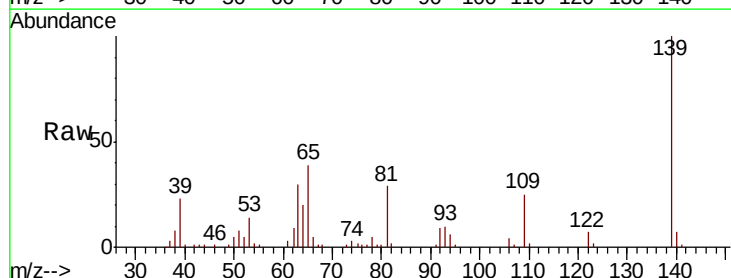
Tgt Ion: 139 Resp: 70801

Ion Ratio Lower Upper

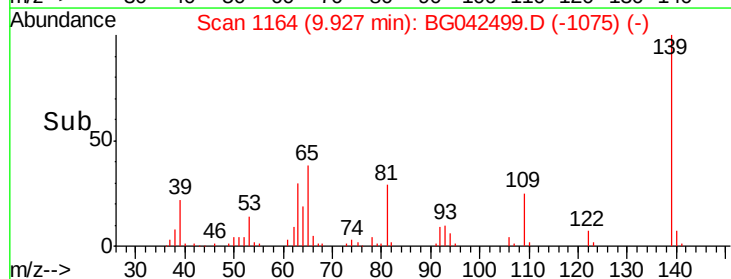
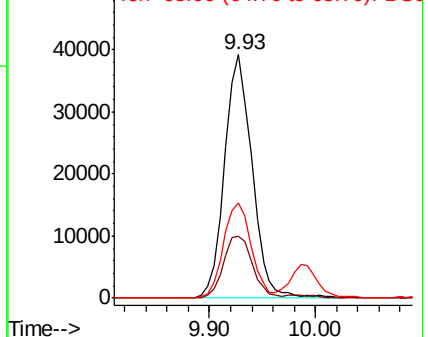
139 100

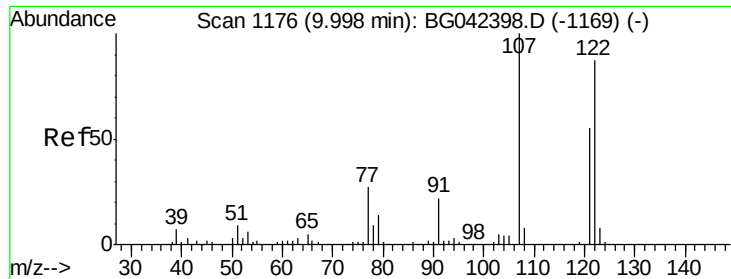
109 25.5 20.5 30.7

65 39.0 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

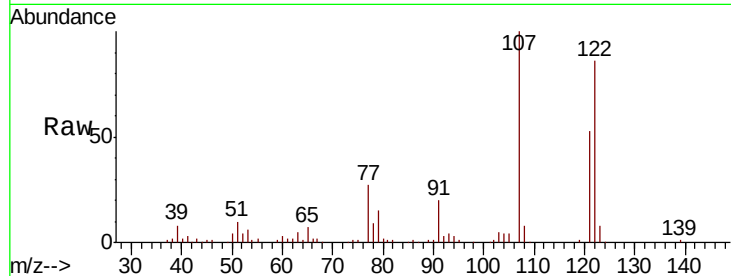




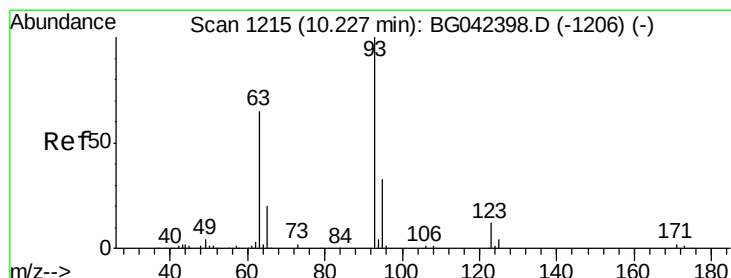
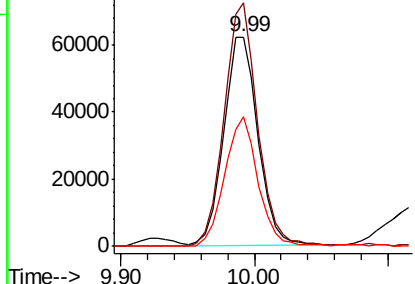
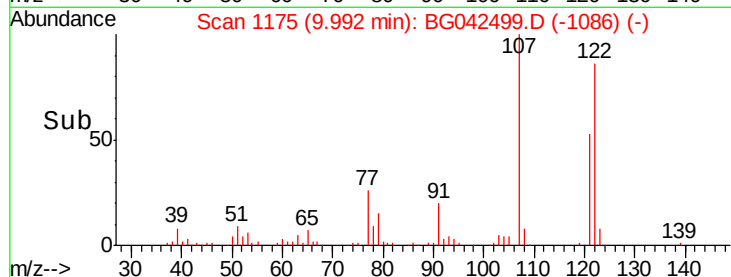
#27
 2,4-Dimethylphenol
 Concen: 50.923 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG042499.D
 Acq: 26 Aug 2019 14:23

Instrument :
 BNA_G
 ClientSampleId :
 PB122533BS

Tgt Ion:122 Resp: 111535
 Ion Ratio Lower Upper
 122 100
 107 116.1 90.8 136.2
 121 61.9 49.6 74.4

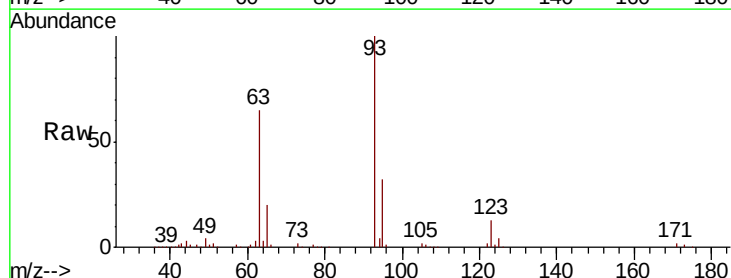


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

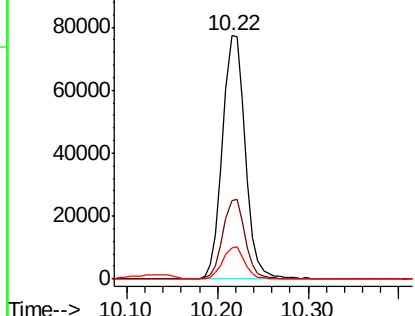
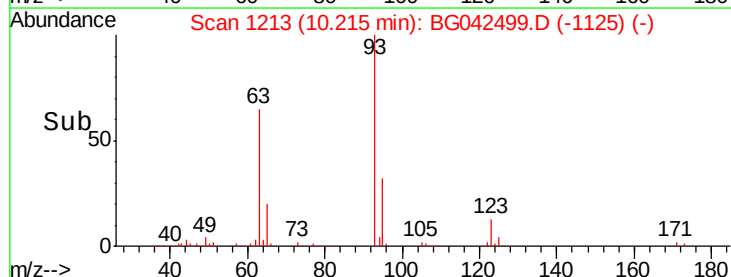


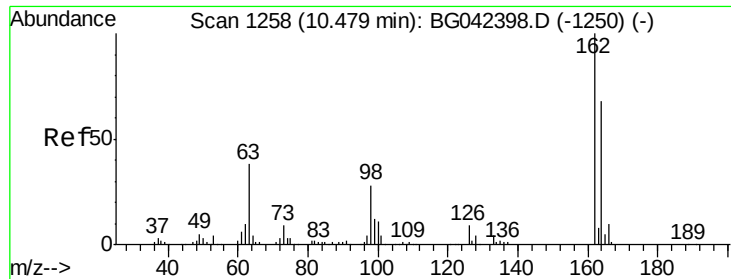
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.453 ng
 RT: 10.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BG042499.D
 Acq: 26 Aug 2019 14:23

Tgt Ion: 93 Resp: 135428
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.6 40.0
 123 13.0 10.1 15.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 45.424 ng

RT: 10.47 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

Instrument :

BNA_G

ClientSampleId :

PB122533BS

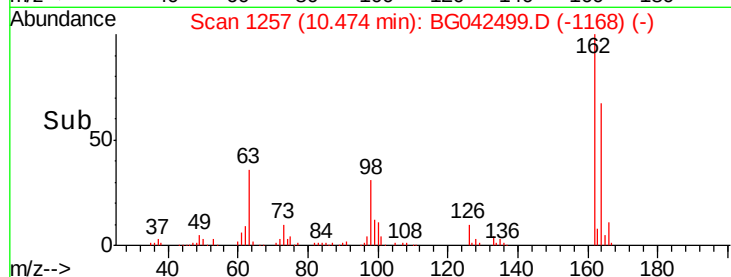
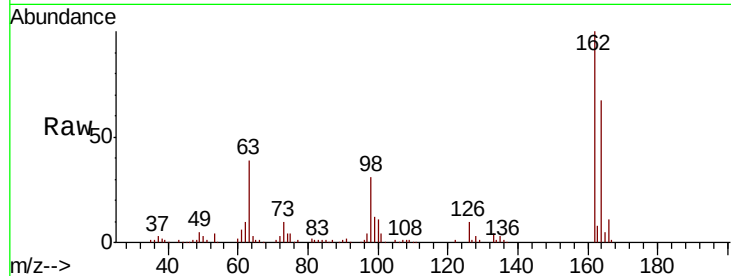
Tgt Ion:162 Resp: 130170

Ion Ratio Lower Upper

162 100

164 66.8 48.1 88.1

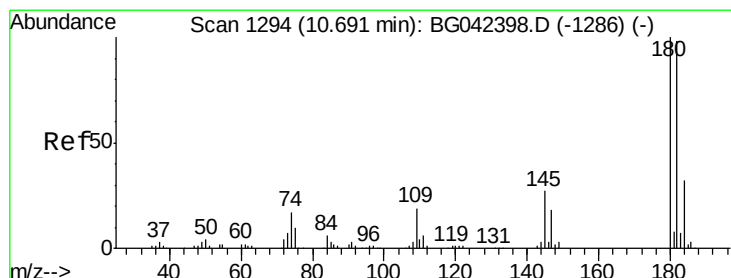
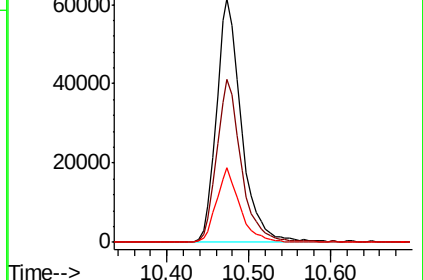
98 30.7 7.6 47.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 41.137 ng

RT: 10.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

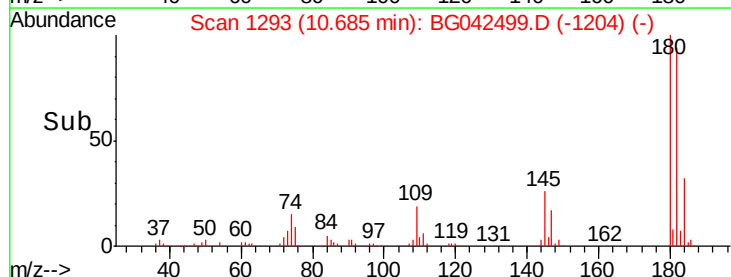
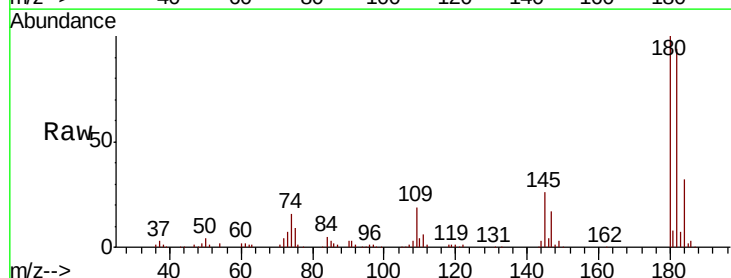
Tgt Ion:180 Resp: 144695

Ion Ratio Lower Upper

180 100

182 94.0 78.7 118.1

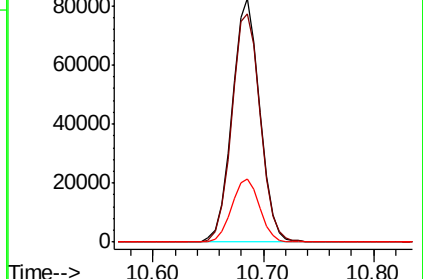
145 26.2 21.6 32.4

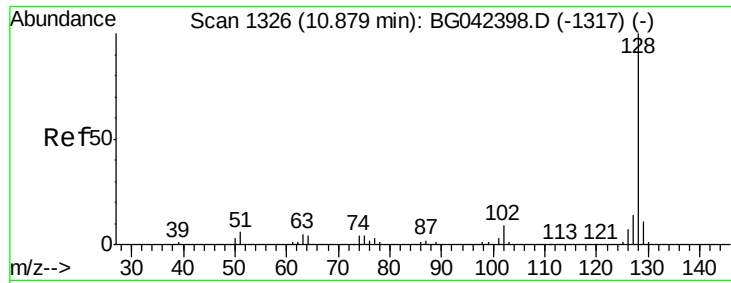


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

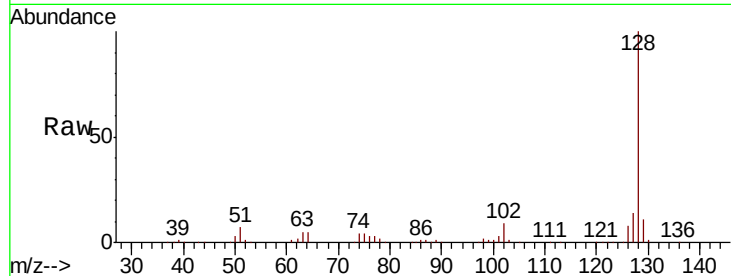




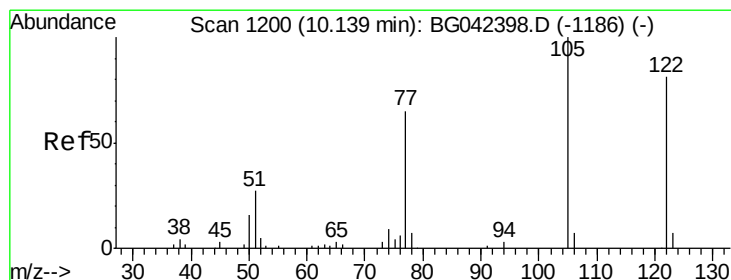
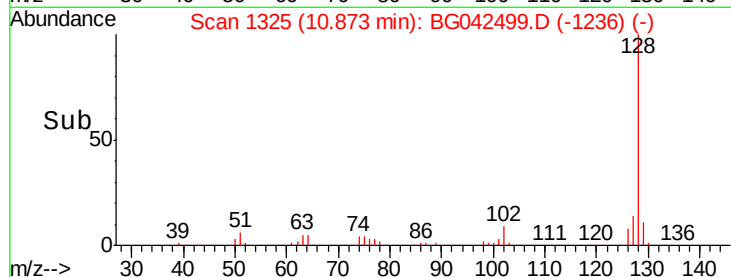
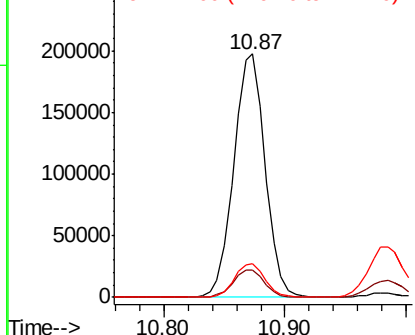
#31
Naphthalene
Concen: 44.344 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042499.D
Acq: 26 Aug 2019 14:23

Instrument :
BNA_G
ClientSampleId :
PB122533BS

Tgt Ion:128 Resp: 356474
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.8 11.4 17.0

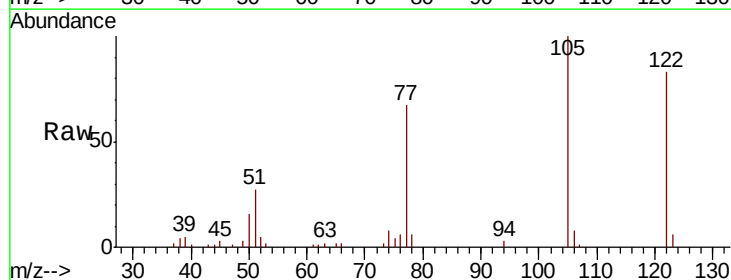


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

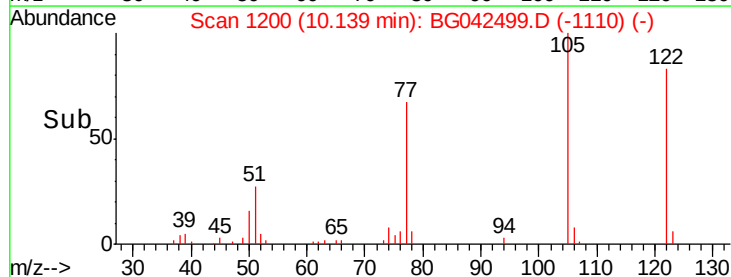
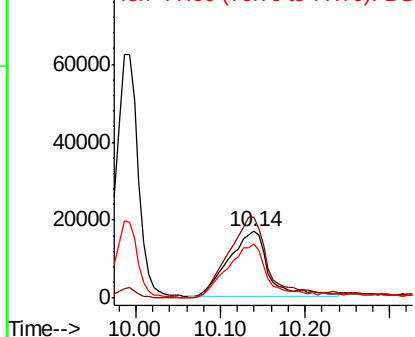


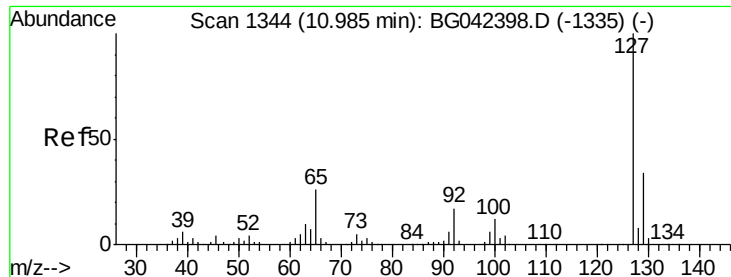
#32
Benzoic acid
Concen: 37.075 ng
RT: 10.14 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BG042499.D
Acq: 26 Aug 2019 14:23

Tgt Ion:122 Resp: 55372
Ion Ratio Lower Upper
122 100
105 120.5 99.6 139.6
77 80.1 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

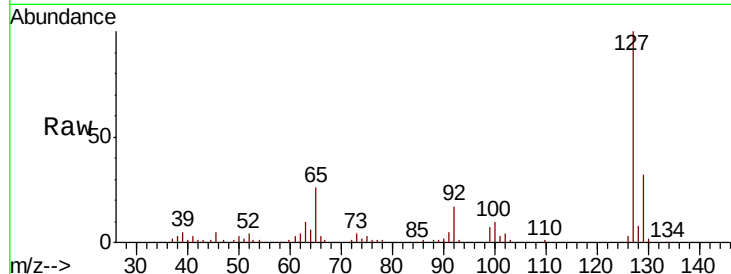




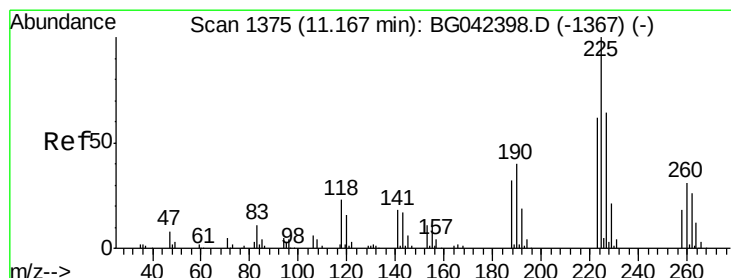
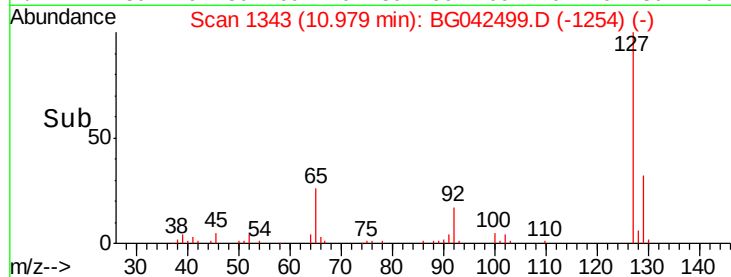
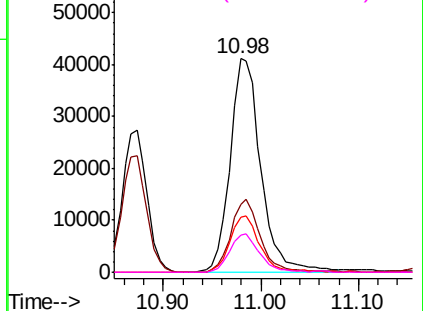
#33
4-Chloroaniline
Concen: 24.277 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG042499.D
Acq: 26 Aug 2019 14:23

Instrument :
BNA_G
ClientSampleId :
PB122533BS

Tgt Ion:	127	Resp:	90091
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.8	40.2
65	25.8	20.7	31.1
92	17.3	13.6	20.4

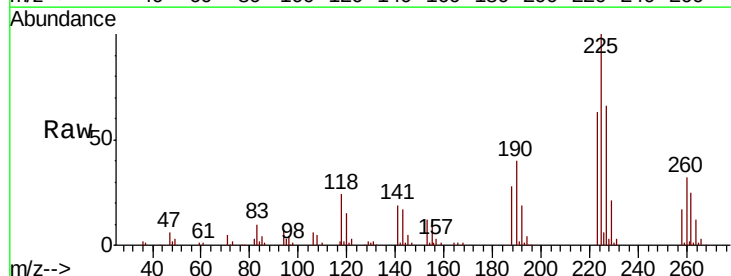


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

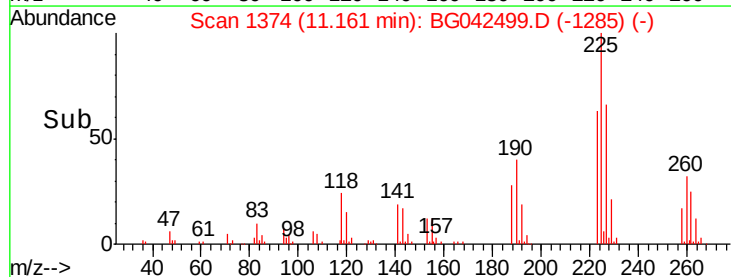
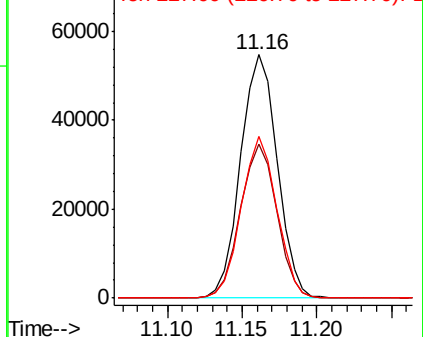


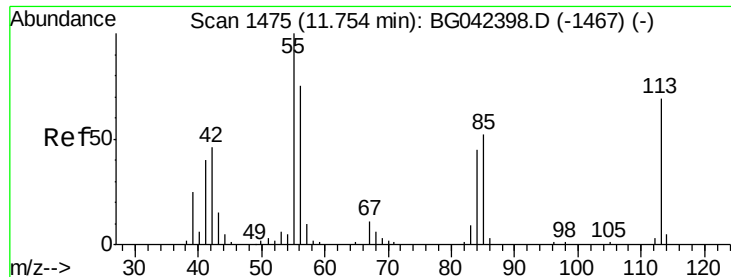
#34
Hexachlorobutadiene
Concen: 39.448 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG042499.D
Acq: 26 Aug 2019 14:23

Tgt Ion:	225	Resp:	93253
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.8	74.6
227	66.3	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

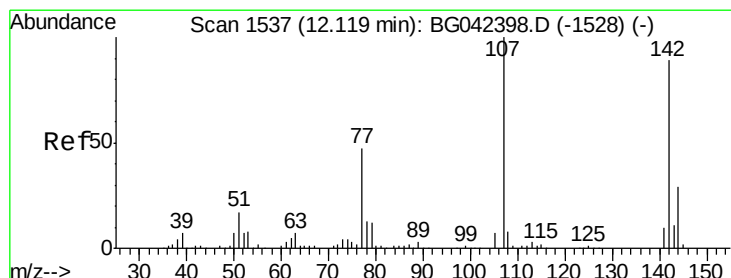
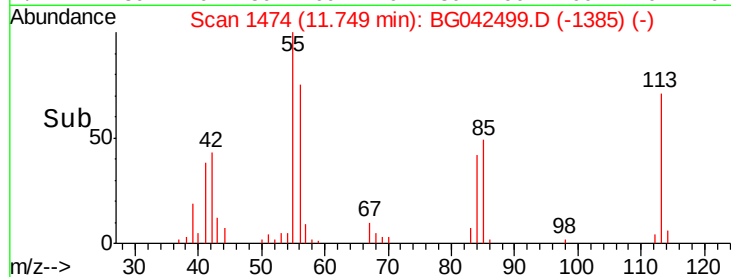
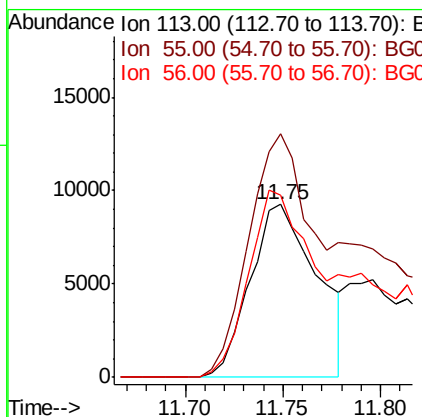
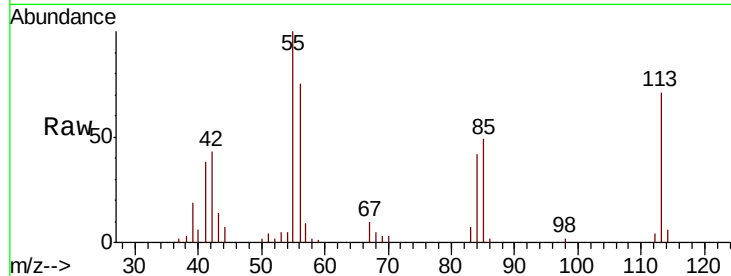




#35
 Caprolactam
 Concen: 22.956 ng
 RT: 11.75 min Scan# 1474
 Delta R.T. -0.01 min
 Lab File: BG042499.D
 Acq: 26 Aug 2019 14:23

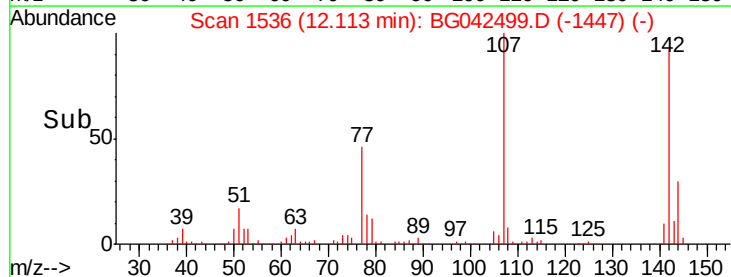
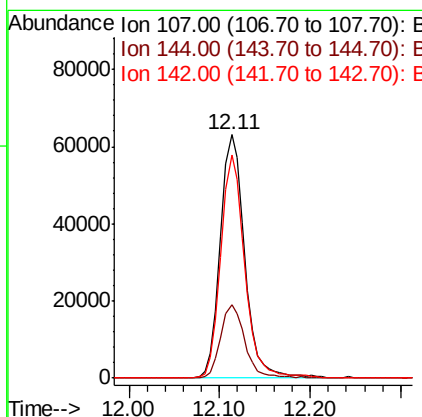
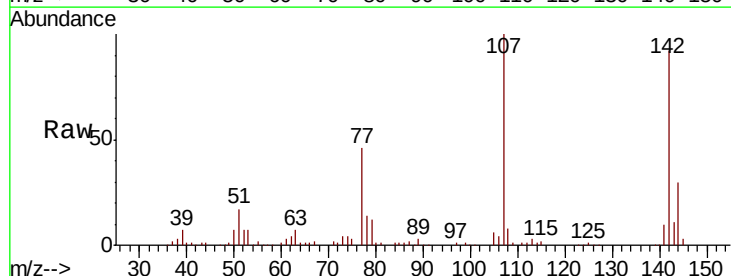
Instrument :
 BNA_G
 ClientSampleId :
 PB122533BS

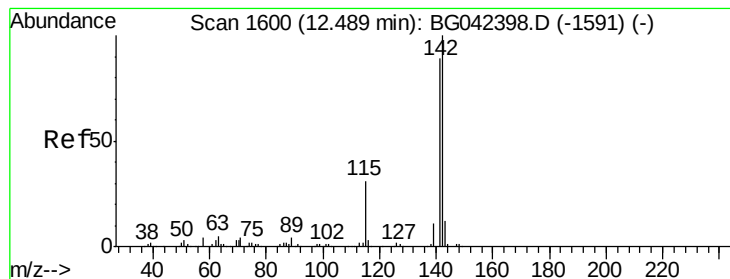
Tgt Ion:113 Resp: 21951
 Ion Ratio Lower Upper
 113 100
 55 140.9 124.6 164.6
 56 105.7 88.3 128.3



#36
 4-Chloro-3-methylphenol
 Concen: 43.377 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BG042499.D
 Acq: 26 Aug 2019 14:23

Tgt Ion:107 Resp: 118001
 Ion Ratio Lower Upper
 107 100
 144 30.0 23.6 35.4
 142 91.9 71.0 106.4





#37

2-Methylnaphthalene

Concen: 42.996 ng

RT: 12.48 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

Instrument :

BNA_G

ClientSampleId :

PB122533BS

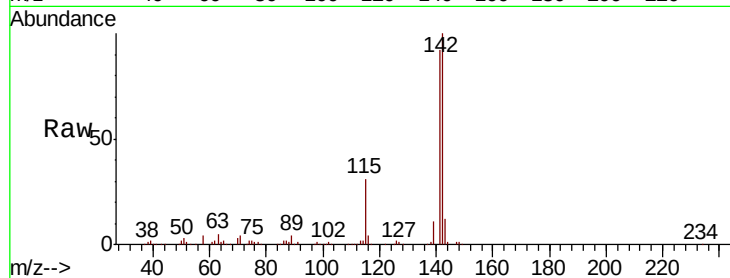
Tgt Ion:142 Resp: 277534

Ion Ratio Lower Upper

142 100

141 92.1 71.4 107.2

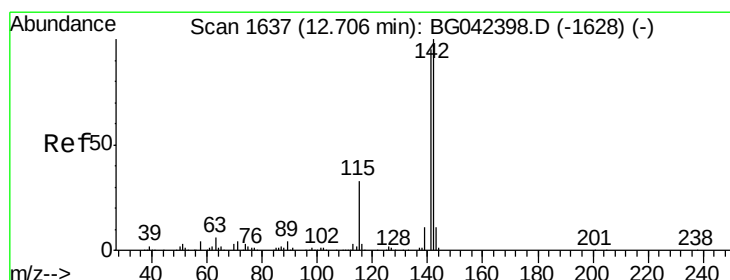
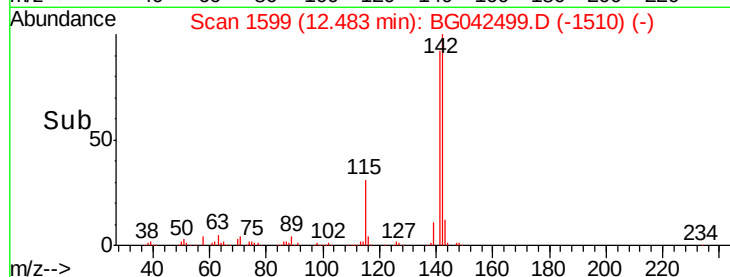
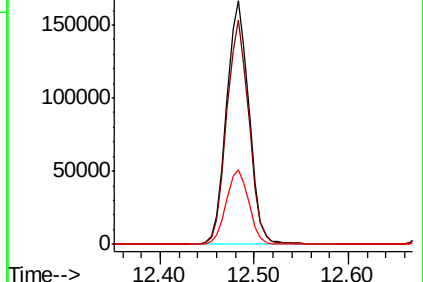
115 30.8 25.2 37.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.014 ng

RT: 12.70 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

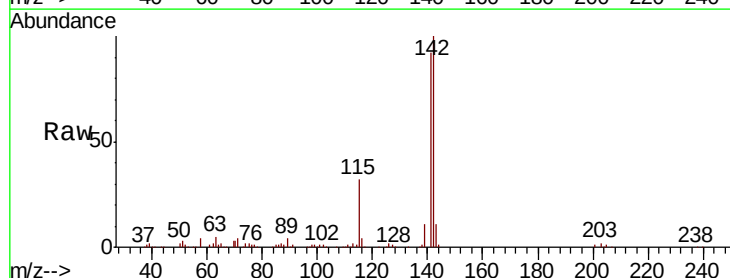
Tgt Ion:142 Resp: 263726

Ion Ratio Lower Upper

142 100

141 91.6 76.2 114.2

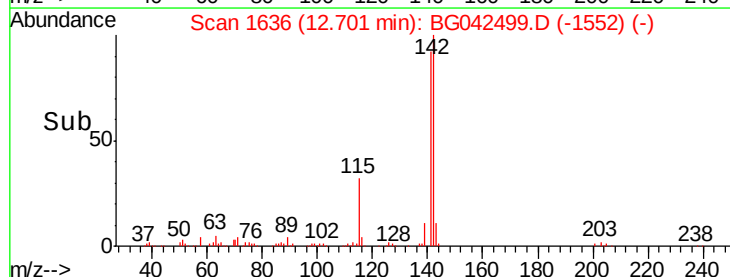
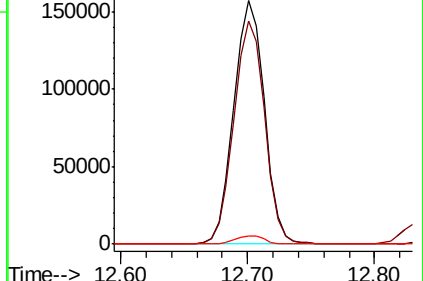
116 3.5 2.8 4.2

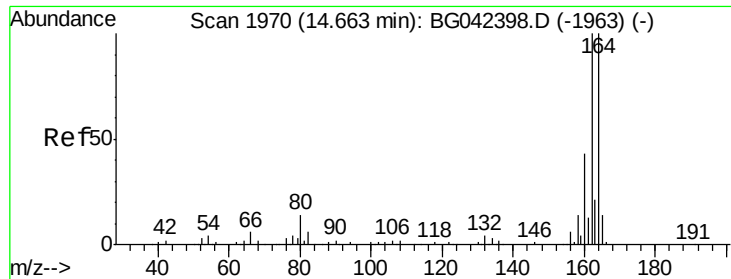


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

Instrument :

BNA_G

ClientSampleId :

PB122533BS

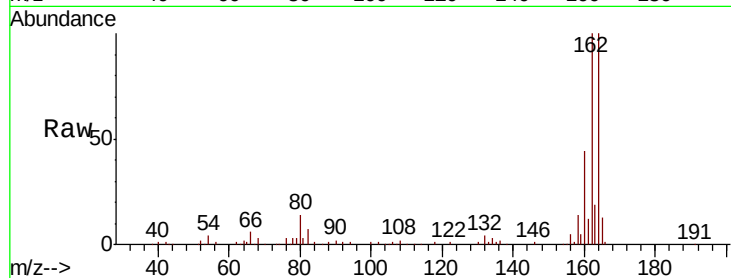
Tgt Ion:164 Resp: 124833

Ion Ratio Lower Upper

164 100

162 100.1 79.9 119.9

160 43.8 34.3 51.5

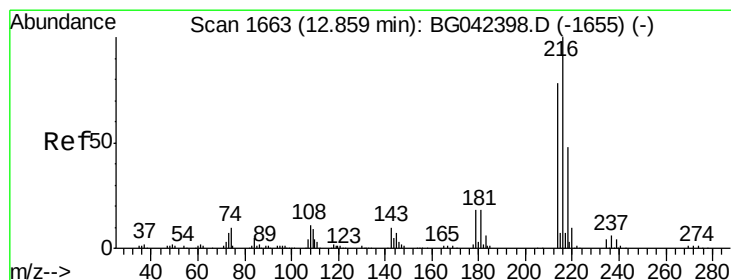
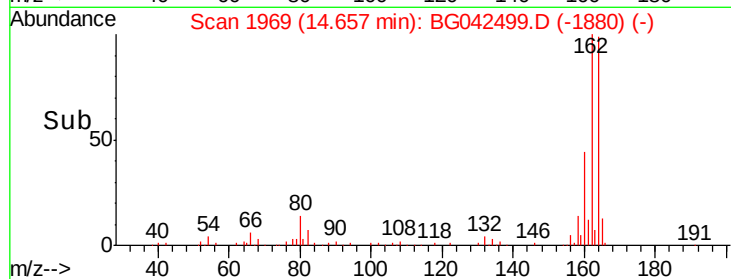
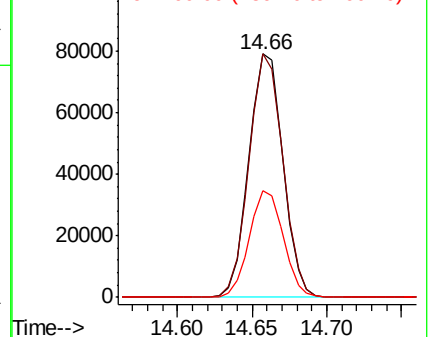


Abundance

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: 43.534 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

Tgt Ion:216 Resp: 174519

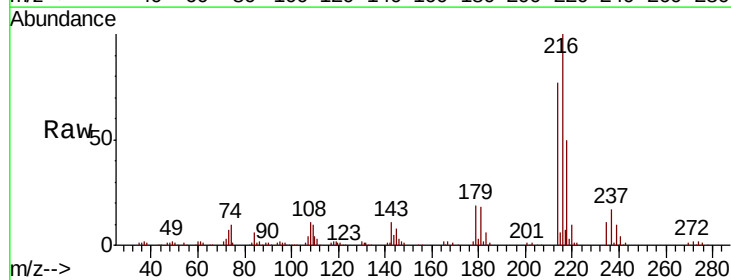
Ion Ratio Lower Upper

216 100

214 76.8 61.4 92.2

179 19.0 15.1 22.7

108 13.6 9.4 14.0



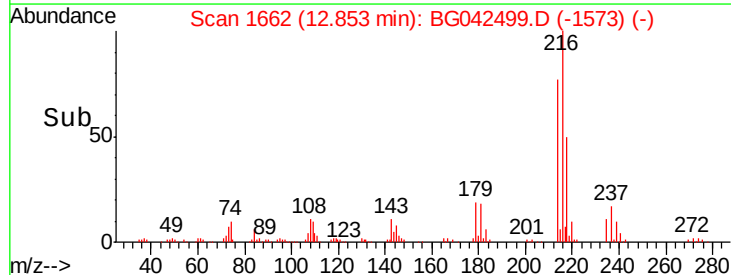
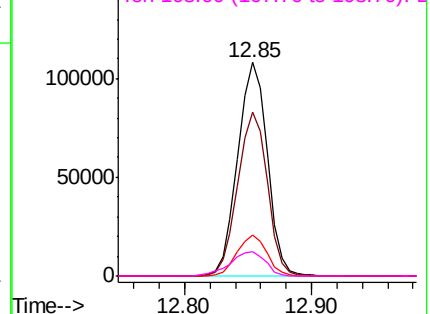
Abundance

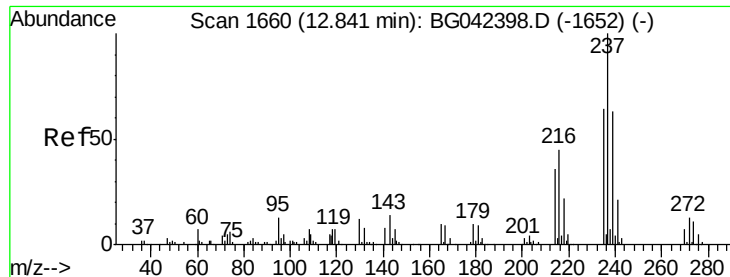
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 96.455 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

Instrument :

BNA_G

ClientSampleId :

PB122533BS

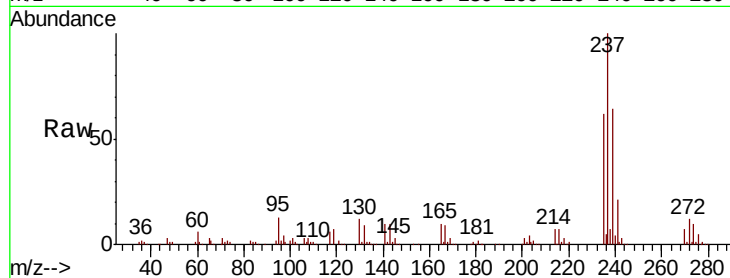
Tgt Ion: 237 Resp: 203114

Ion Ratio Lower Upper

237 100

235 62.1 43.7 83.7

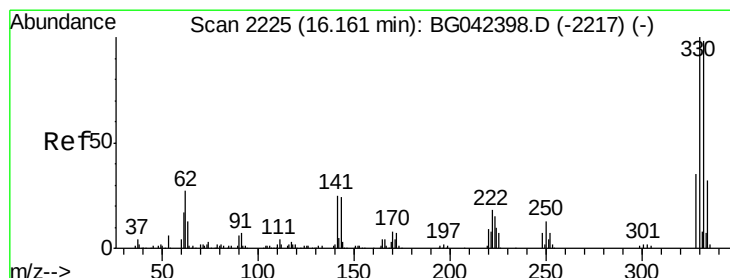
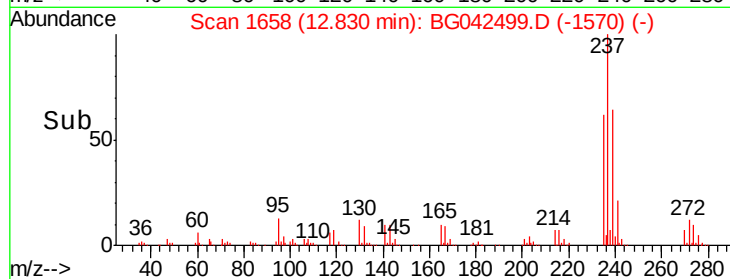
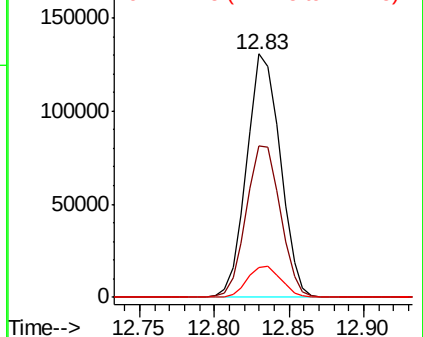
272 12.3 0.0 33.3



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: 105.768 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

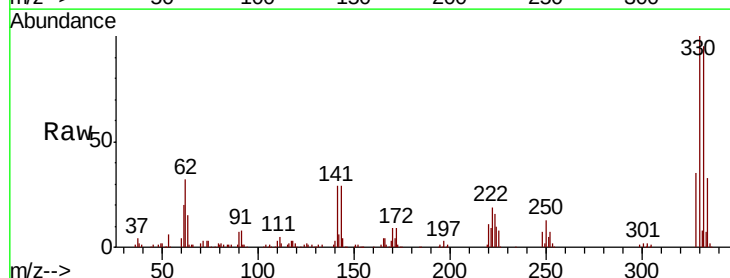
Tgt Ion: 330 Resp: 187663

Ion Ratio Lower Upper

330 100

332 95.9 77.4 116.0

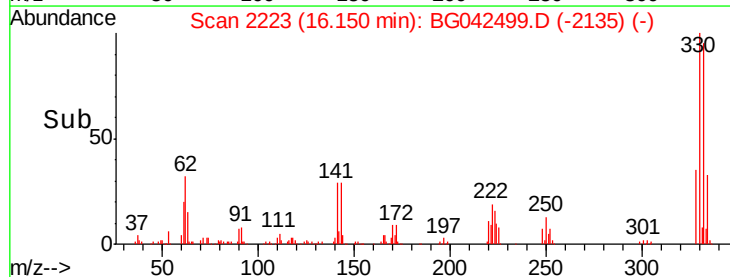
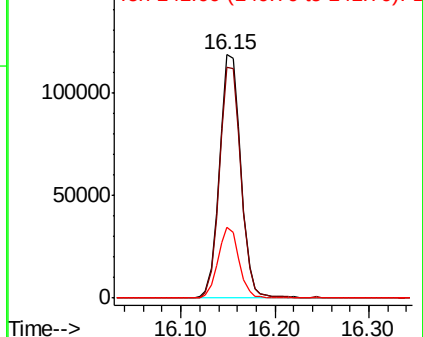
141 28.4 21.4 32.0

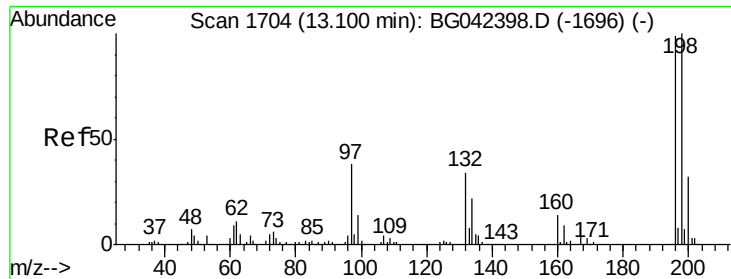


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

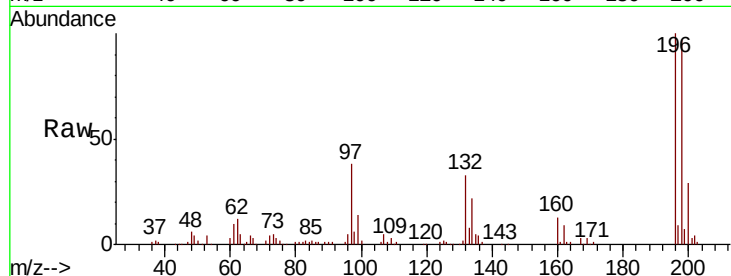




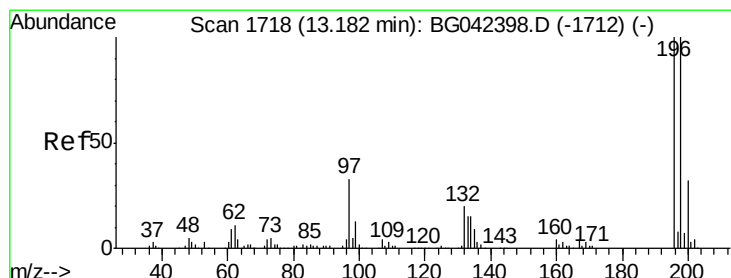
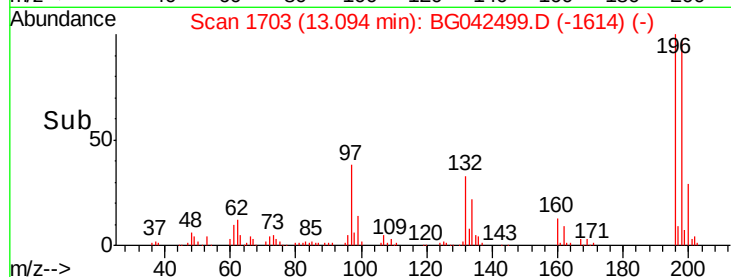
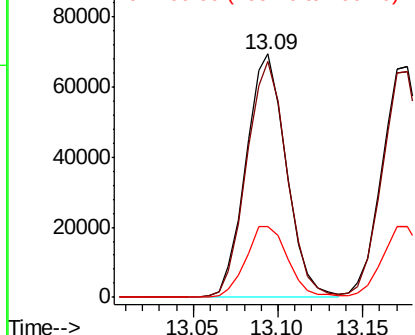
#43
 2,4,6-Trichlorophenol
 Concen: 42.658 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042499.D
 Acq: 26 Aug 2019 14:23

Instrument :
 BNA_G
 ClientSampleId :
 PB122533BS

Tgt Ion:196 Resp: 115591
 Ion Ratio Lower Upper
 196 100
 198 96.7 80.7 121.1
 200 29.2 25.7 38.5



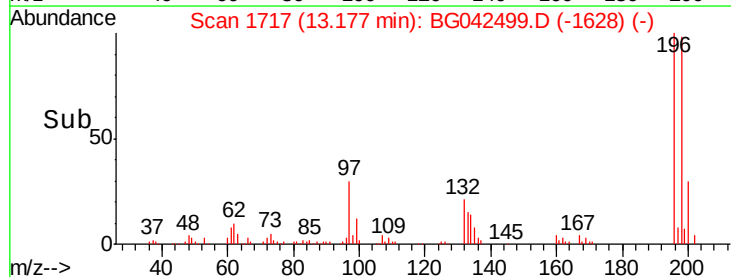
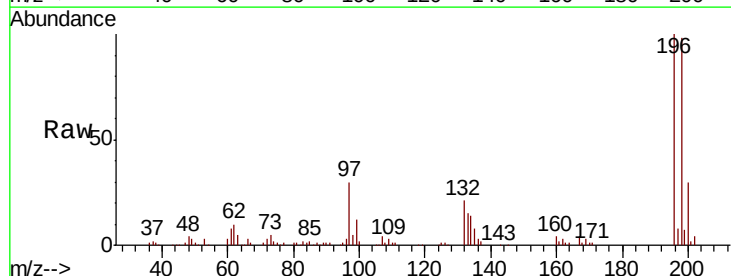
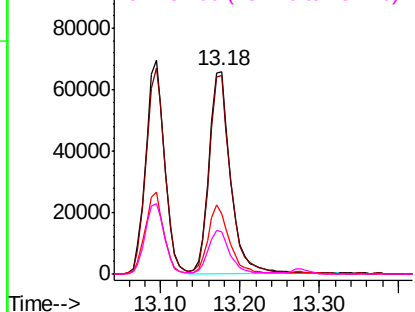
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

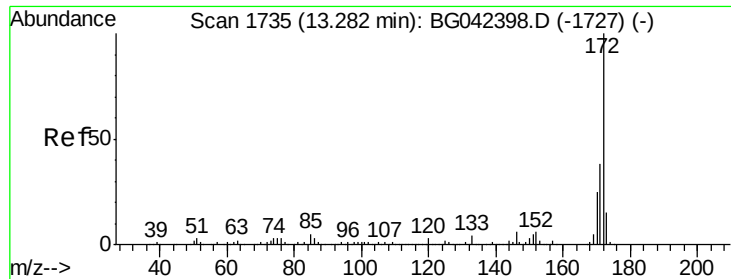


#44
 2,4,5-Trichlorophenol
 Concen: 44.219 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG042499.D
 Acq: 26 Aug 2019 14:23

Tgt Ion:196 Resp: 124169
 Ion Ratio Lower Upper
 196 100
 198 97.9 80.2 120.4
 97 29.9 26.3 39.5
 132 20.7 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

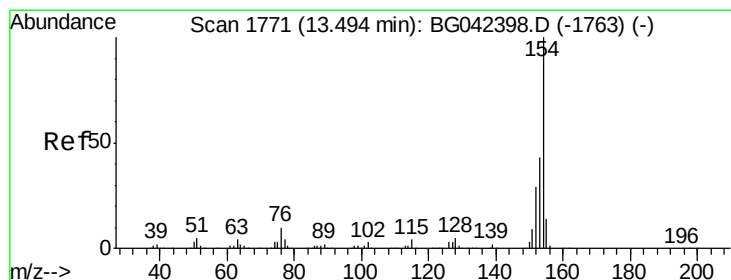
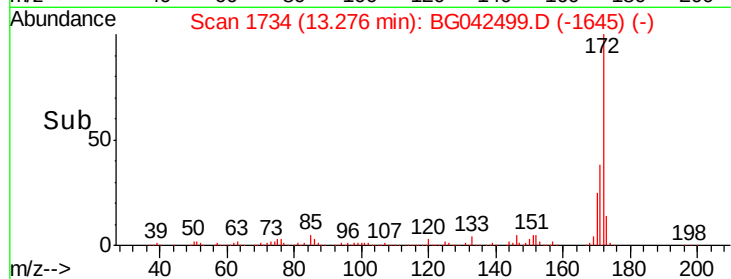
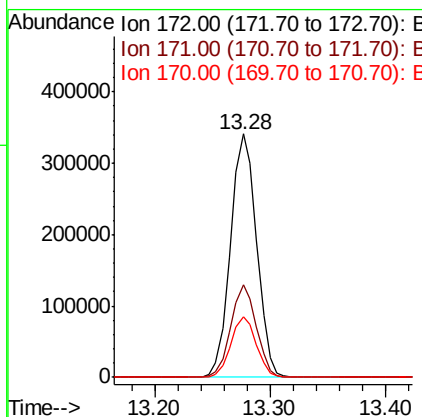
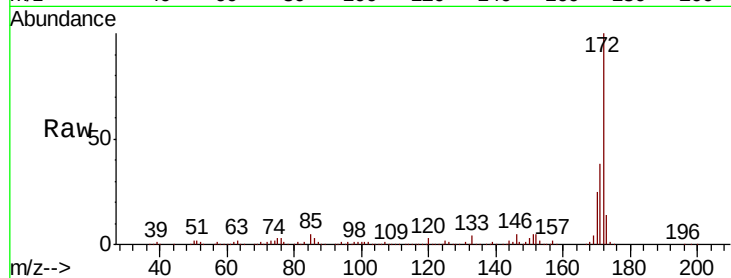




#45
 2-Fluorobiphenyl
 Concen: 72.271 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042499.D
 Acq: 26 Aug 2019 14:23

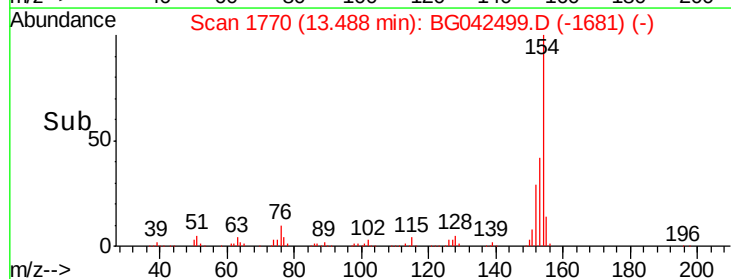
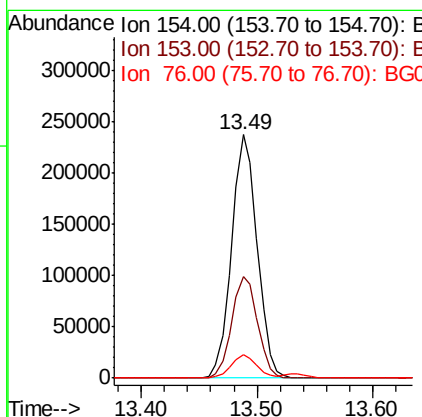
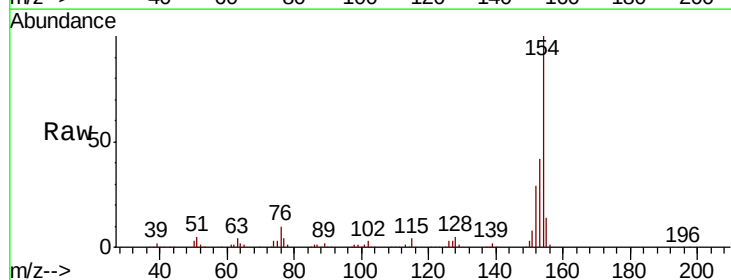
Instrument :
 BNA_G
 ClientSampleId :
 PB122533BS

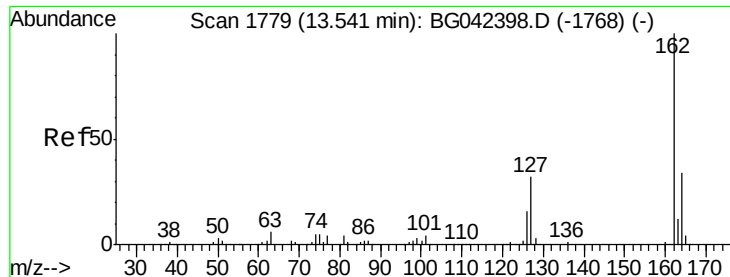
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.5	45.7
170	24.9	20.2	30.2



#46
 1,1'-Biphenyl
 Concen: 44.904 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG042499.D
 Acq: 26 Aug 2019 14:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	23.0	63.0
76	9.7	0.0	29.6





#47

2-Chloronaphthalene

Concen: 42.319 ng

RT: 13.53 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

Instrument :

BNA_G

ClientSampleId :

PB122533BS

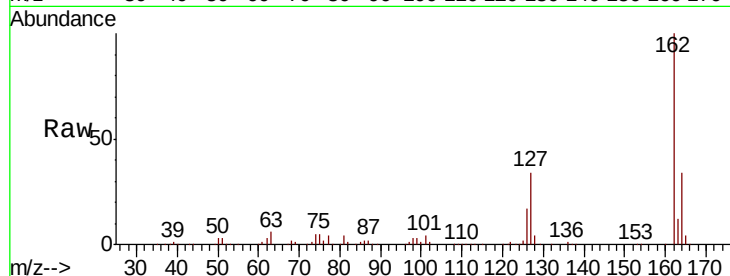
Tgt Ion: 162 Resp: 294451

Ion Ratio Lower Upper

162 100

127 33.9 26.0 39.0

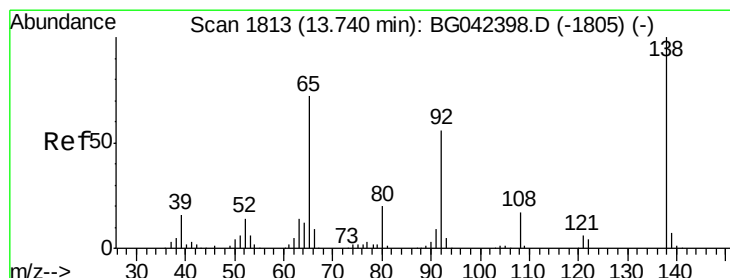
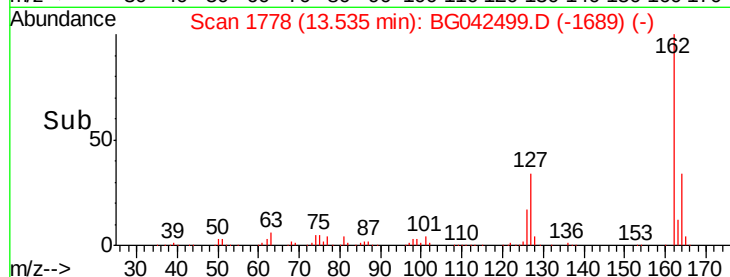
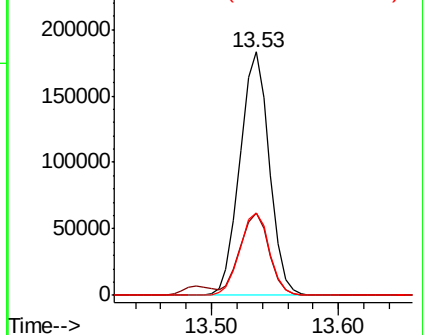
164 33.9 27.4 41.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 40.757 ng

RT: 13.73 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

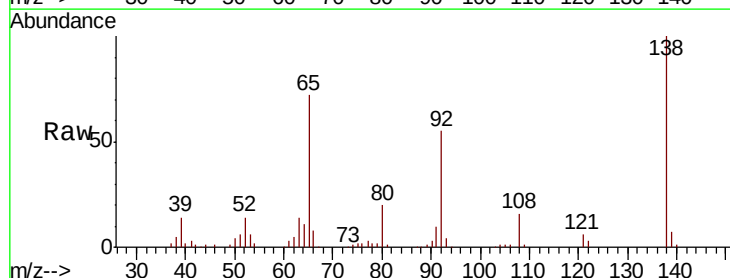
Tgt Ion: 65 Resp: 68383

Ion Ratio Lower Upper

65 100

92 76.1 61.8 92.6

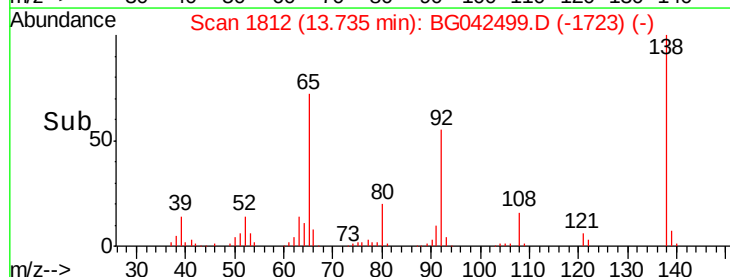
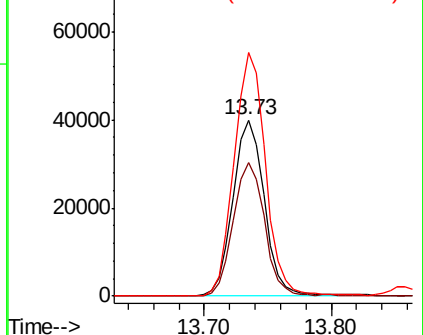
138 138.4 111.0 166.6

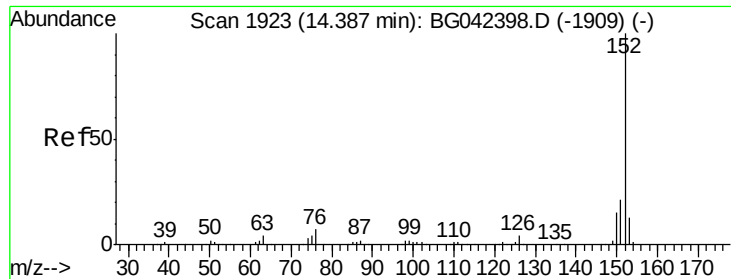


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.251 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

Instrument :

BNA_G

ClientSampleId :

PB122533BS

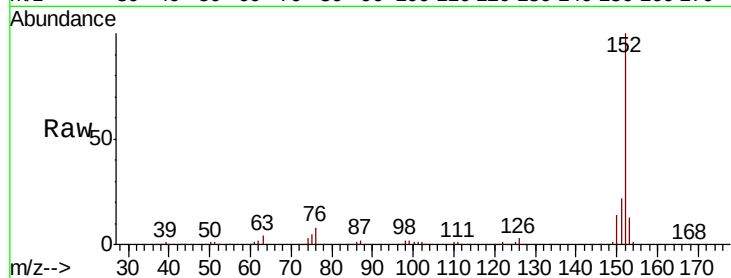
Tgt Ion:152 Resp: 463216

Ion Ratio Lower Upper

152 100

151 21.5 17.0 25.4

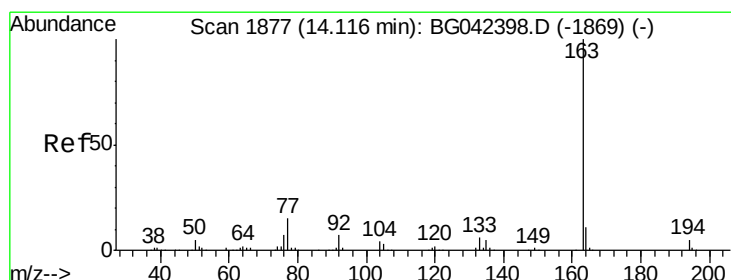
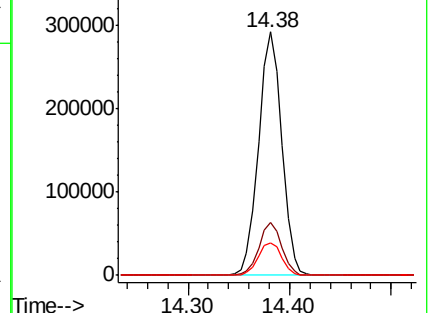
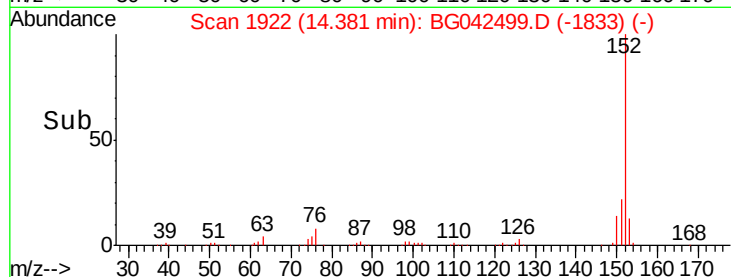
153 13.2 10.6 16.0



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: 41.057 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

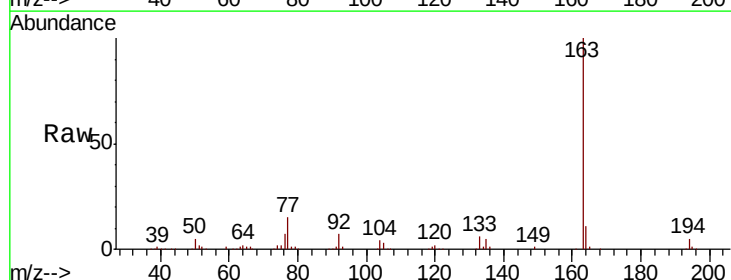
Tgt Ion:163 Resp: 369810

Ion Ratio Lower Upper

163 100

194 5.1 4.2 6.2

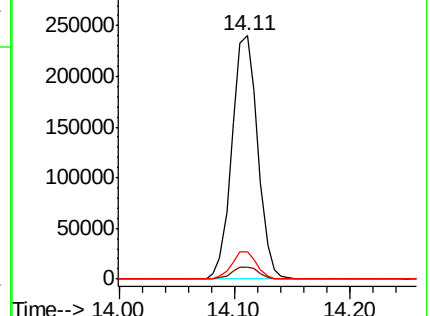
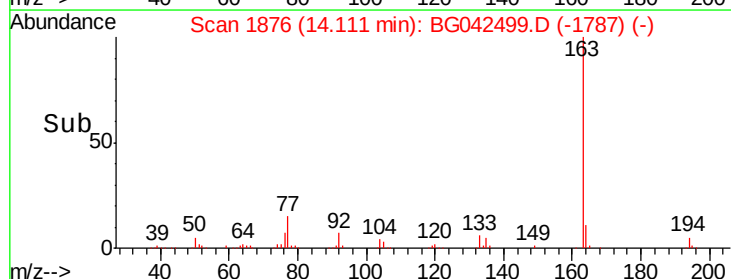
164 11.0 8.8 13.2

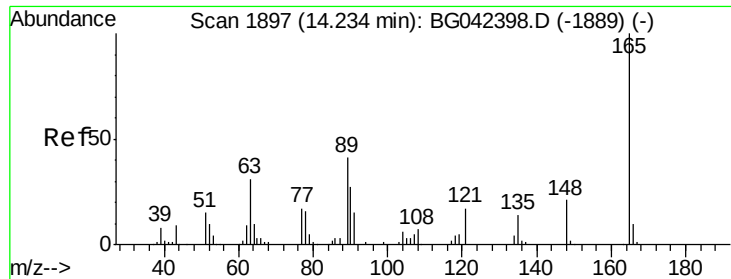


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.446 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

Instrument :

BNA_G

ClientSampleId :

PB122533BS

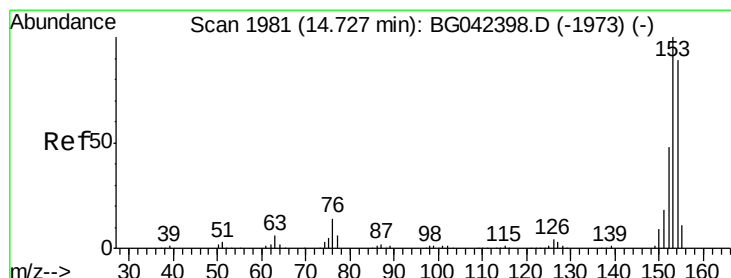
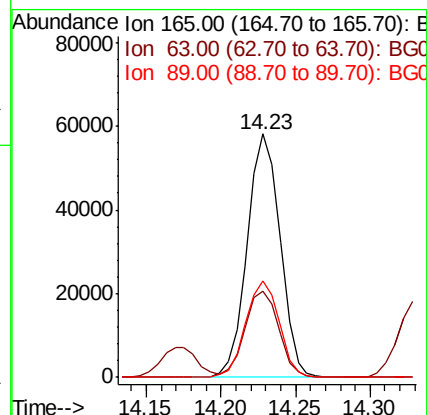
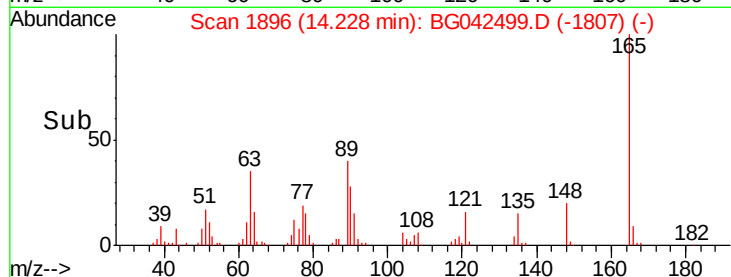
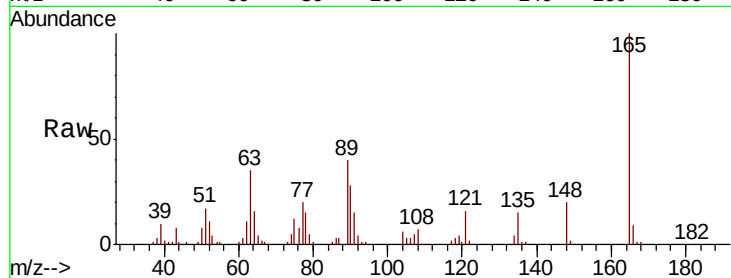
Tgt Ion:165 Resp: 88618

Ion Ratio Lower Upper

165 100

63 35.4 30.6 45.8

89 39.8 32.6 49.0



#52

Acenaphthene

Concen: 42.726 ng

RT: 14.72 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

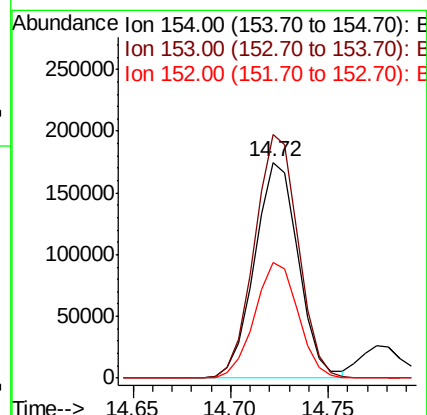
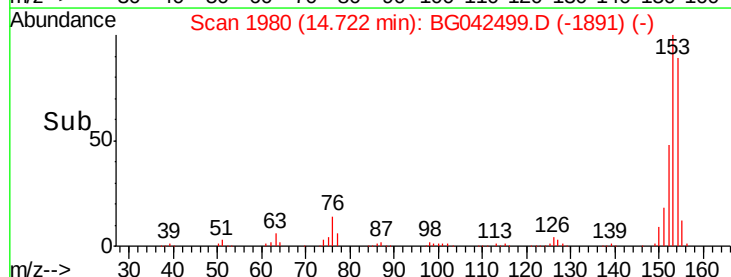
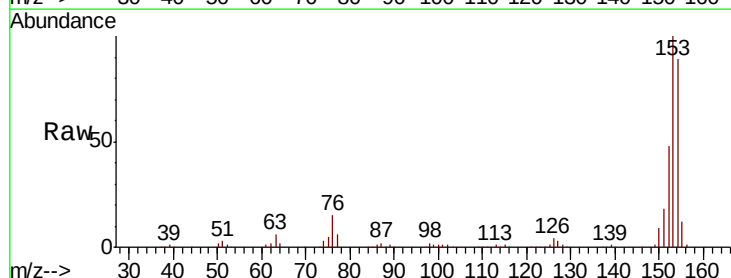
Tgt Ion:154 Resp: 271576

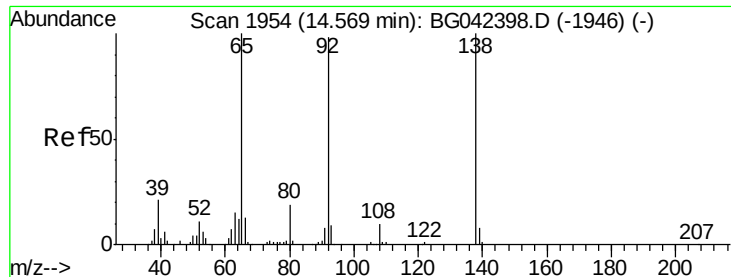
Ion Ratio Lower Upper

154 100

153 112.8 90.2 135.4

152 53.8 43.2 64.8





#53

3-Nitroaniline

Concen: 28.554 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

Instrument :

BNA_G

ClientSampleId :

PB122533BS

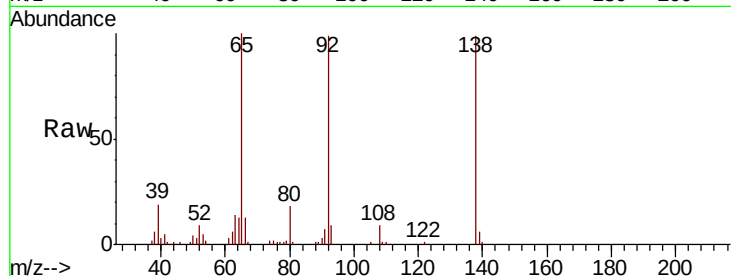
Tgt Ion:138 Resp: 59620

Ion Ratio Lower Upper

138 100

108 8.7 8.3 12.5

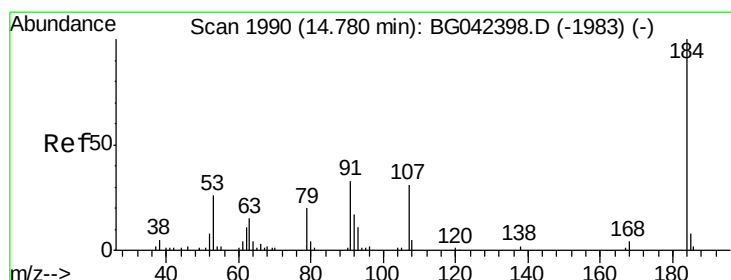
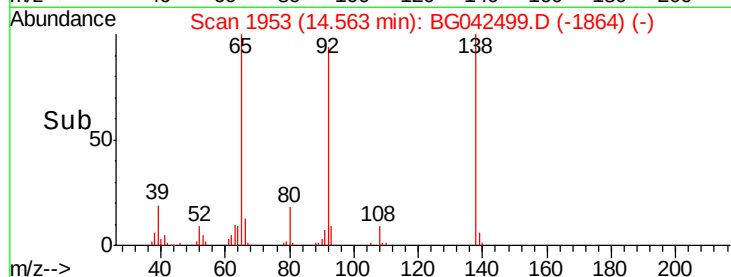
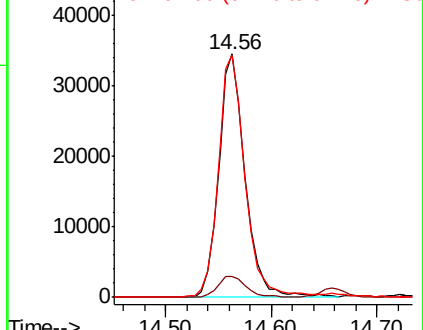
92 99.7 78.2 117.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 67.922 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

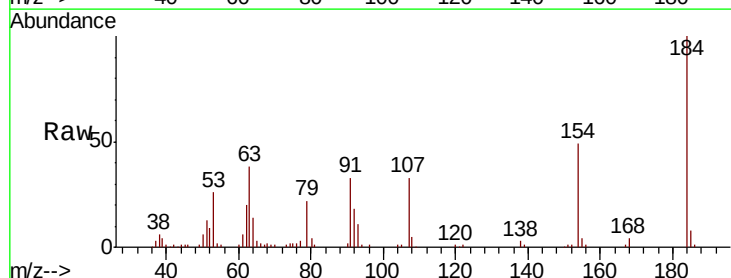
Tgt Ion:184 Resp: 94147

Ion Ratio Lower Upper

184 100

63 38.1 31.7 47.5

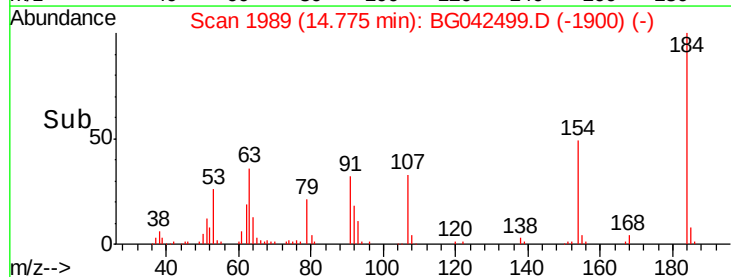
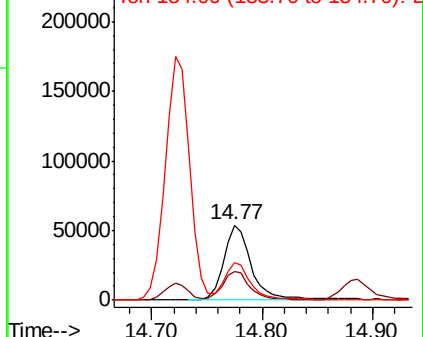
154 49.5 42.0 63.0

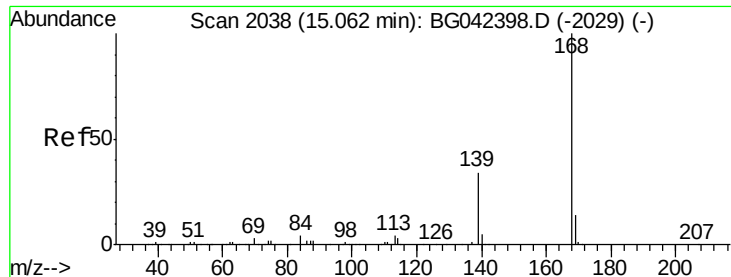


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 43.726 ng

RT: 15.06 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

Instrument :

BNA_G

ClientSampleId :

PB122533BS

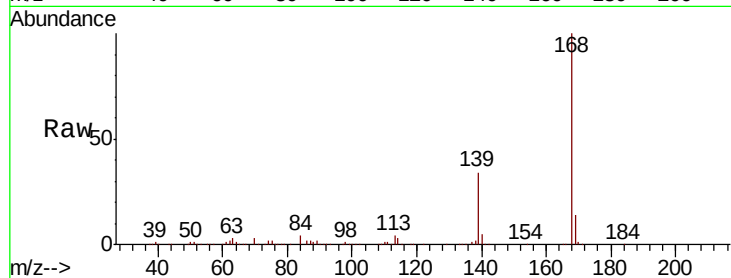
Tgt Ion:168 Resp: 460064

Ion Ratio Lower Upper

168 100

139 33.8 27.2 40.8

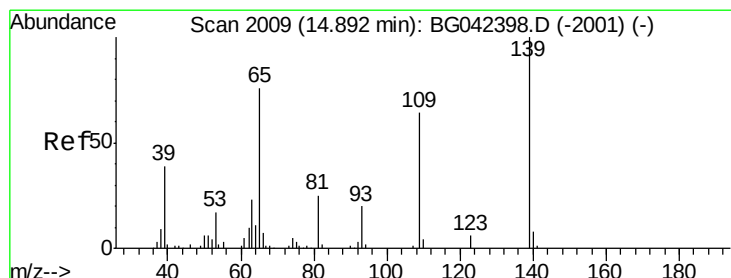
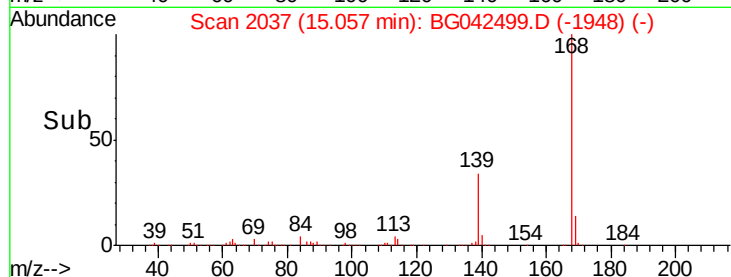
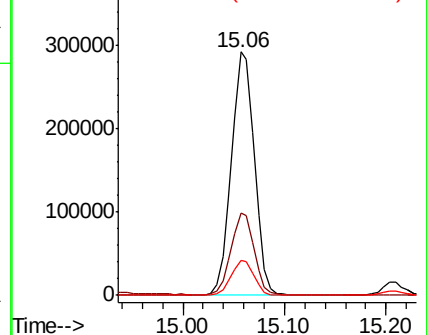
169 14.1 11.5 17.3



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: 87.754 ng

RT: 14.89 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

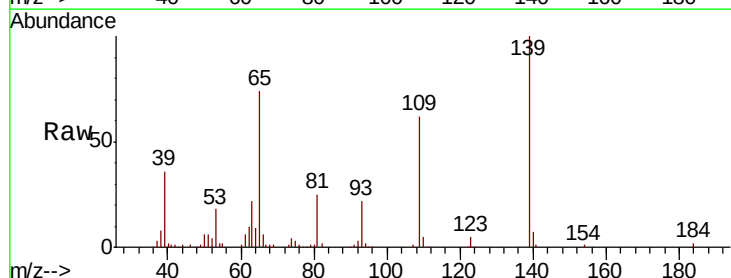
Tgt Ion:139 Resp: 130198

Ion Ratio Lower Upper

139 100

109 61.8 43.9 83.9

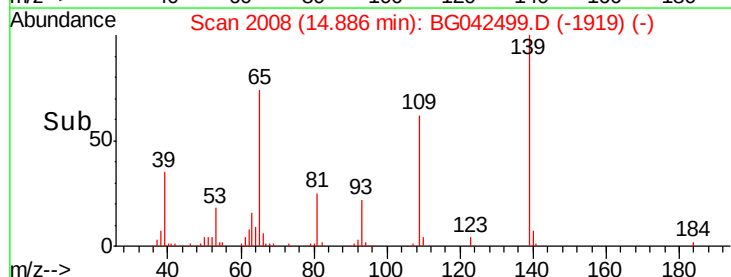
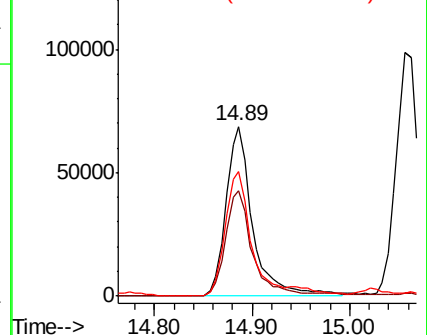
65 73.7 56.3 96.3

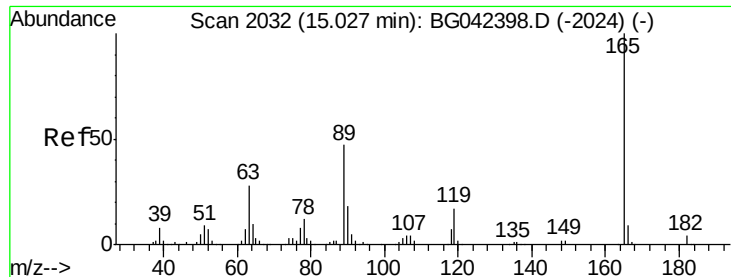


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

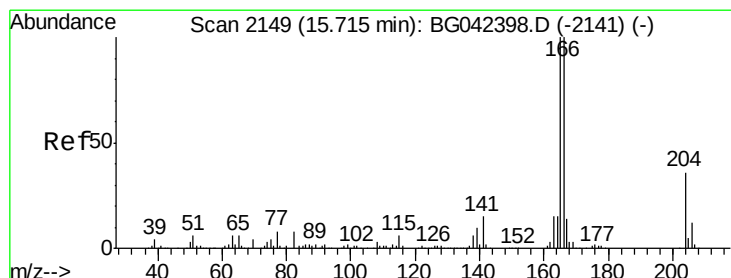
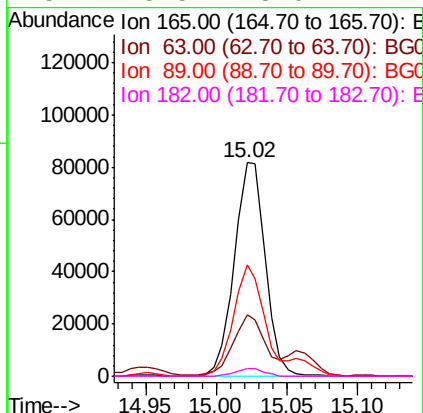
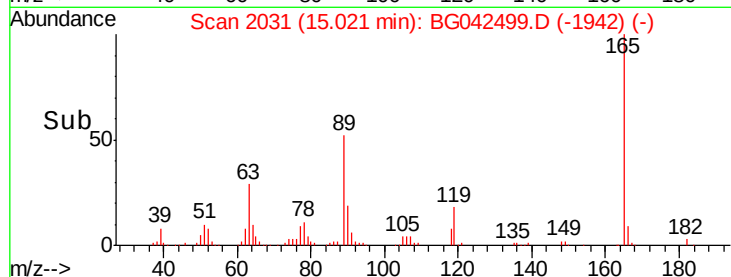
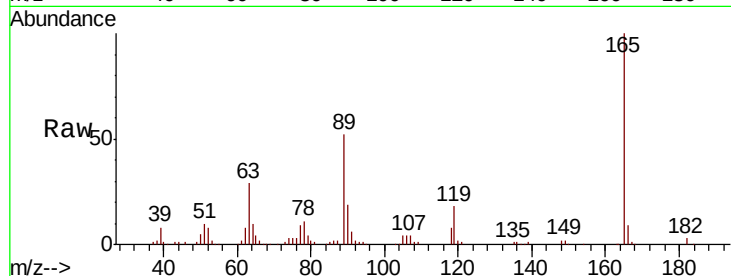




#57
 2,4-Dinitrotoluene
 Concen: 41.813 ng
 RT: 15.02 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BG042499.D
 Acq: 26 Aug 2019 14:23

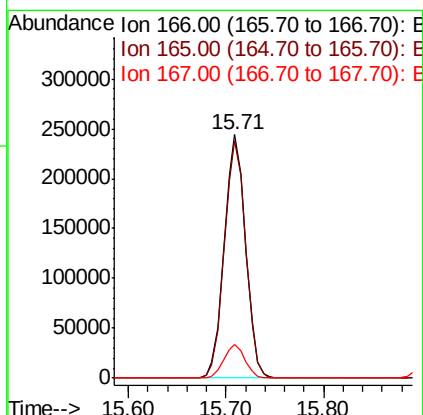
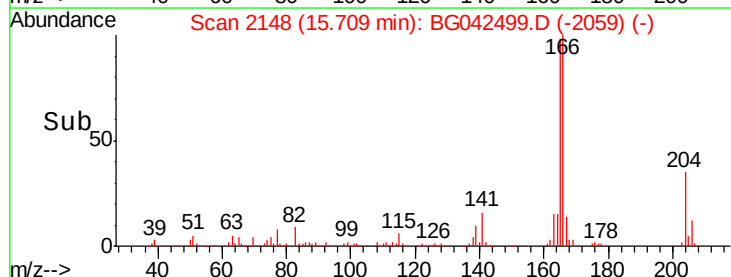
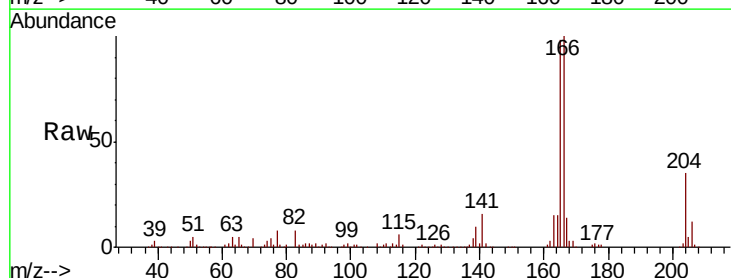
Instrument :
 BNA_G
 ClientSampleId :
 PB122533BS

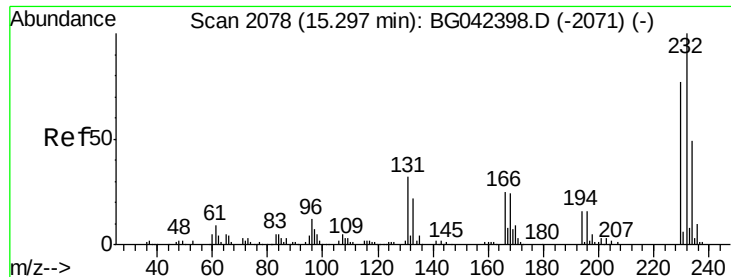
Tgt Ion:	165	Resp:	125008
Ion	Ratio	Lower	Upper
165	100		
63	28.6	22.5	33.7
89	52.4	37.8	56.6
182	3.5	3.0	4.4



#58
 Fluorene
 Concen: 42.946 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG042499.D
 Acq: 26 Aug 2019 14:23

Tgt Ion:	166	Resp:	369363
Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.7	119.5
167	13.7	10.9	16.3

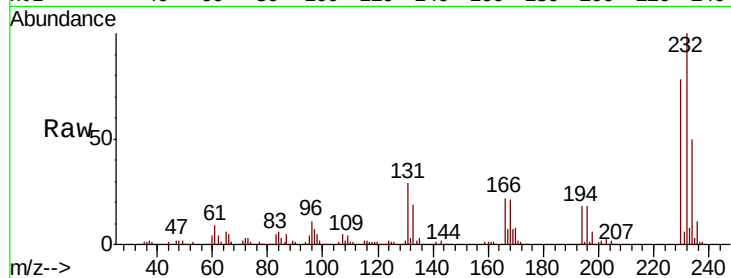




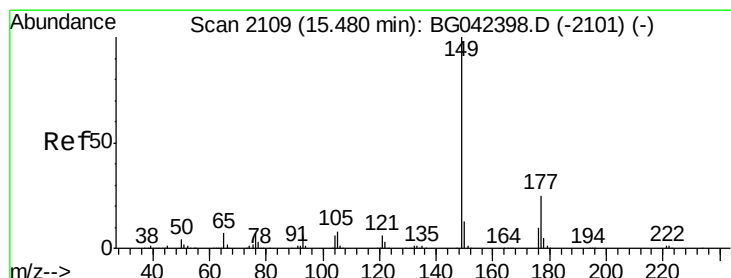
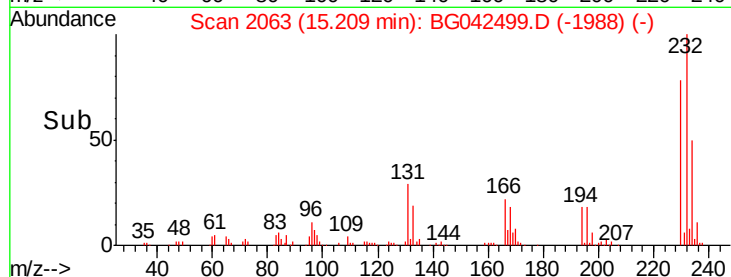
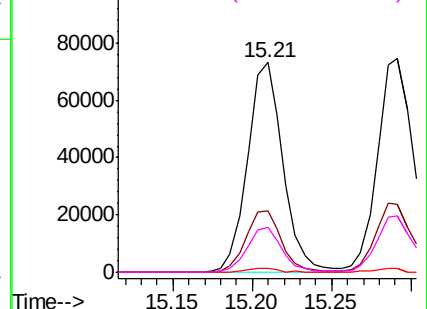
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.982 ng
 RT: 15.21 min Scan# 2063
 Delta R.T. -0.09 min
 Lab File: BG042499.D
 Acq: 26 Aug 2019 14:23

Instrument :
 BNA_G
 ClientSampleId :
 PB122533BS

Tgt Ion:	232	Resp:	113805
Ion	Ratio	Lower	Upper
232	100		
131	29.3	22.9	34.3
130	1.7	1.4	2.0
166	21.2	17.0	25.4

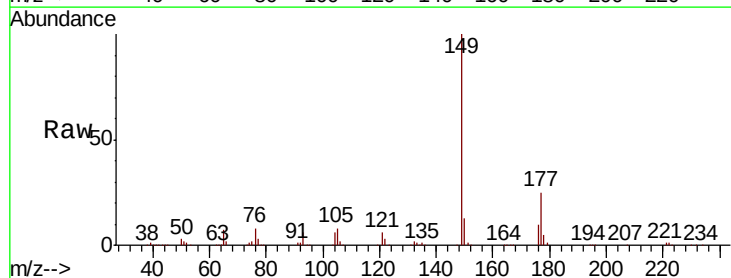


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

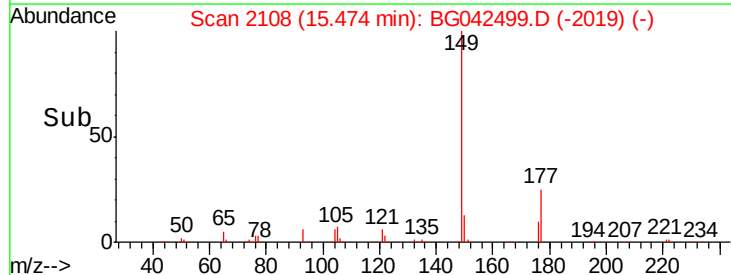
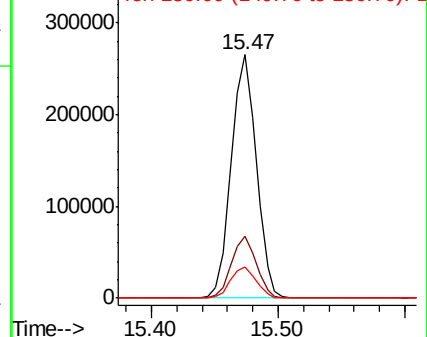


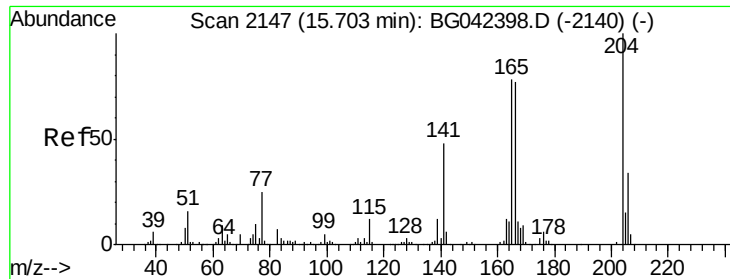
#60
 Diethylphthalate
 Concen: 40.957 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BG042499.D
 Acq: 26 Aug 2019 14:23

Tgt Ion:	149	Resp:	360629
Ion	Ratio	Lower	Upper
149	100		
177	25.3	20.4	30.6
150	12.9	10.3	15.5



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

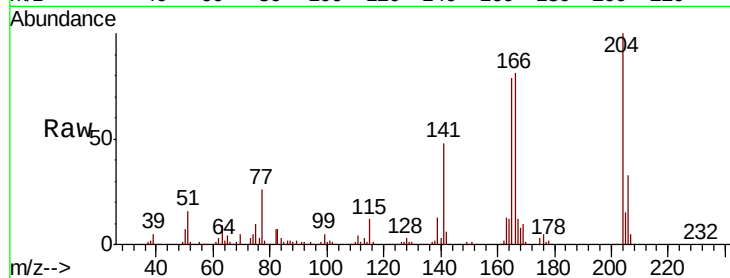




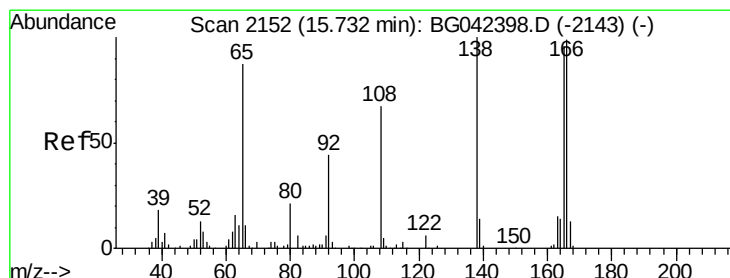
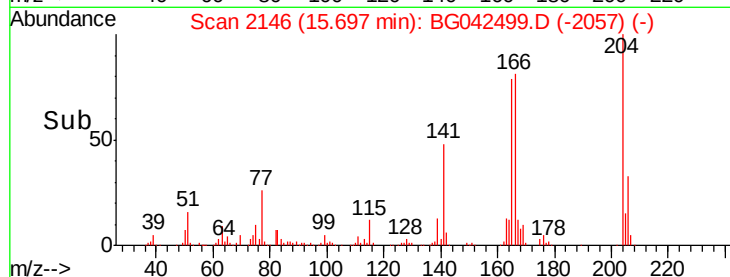
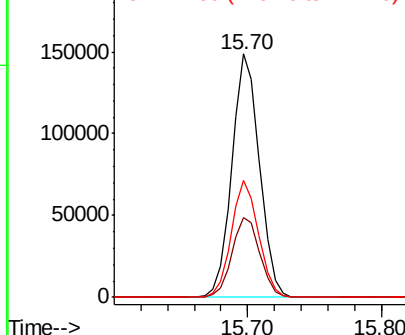
#61
 4-Chlorophenyl-phenylether
 Concen: 41.143 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BG042499.D
 Acq: 26 Aug 2019 14:23

Instrument :
 BNA_G
 ClientSampleId :
 PB122533BS

Tgt Ion: 204 Resp: 213309
 Ion Ratio Lower Upper
 204 100
 206 32.8 27.2 40.8
 141 47.8 38.7 58.1

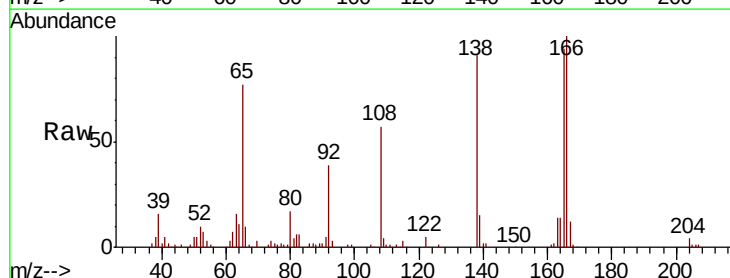


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

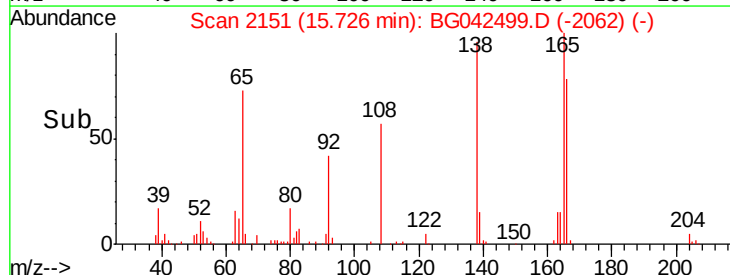
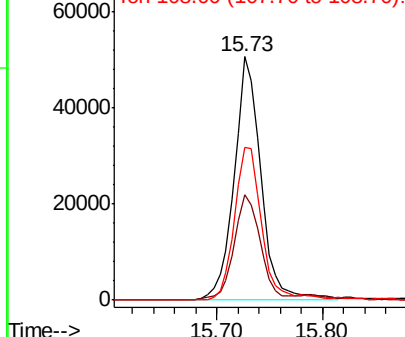


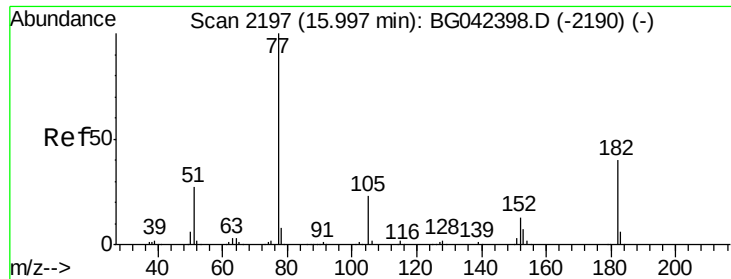
#62
 4-Nitroaniline
 Concen: 39.613 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG042499.D
 Acq: 26 Aug 2019 14:23

Tgt Ion: 138 Resp: 88521
 Ion Ratio Lower Upper
 138 100
 92 43.2 24.2 64.2
 108 62.9 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

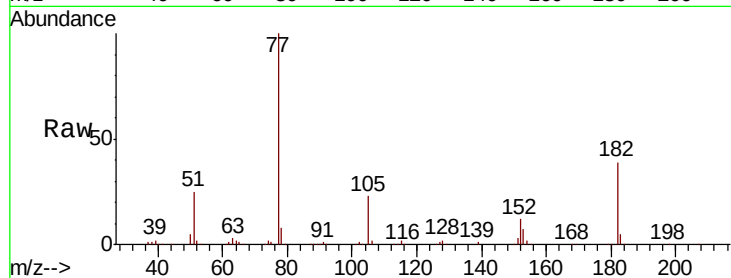




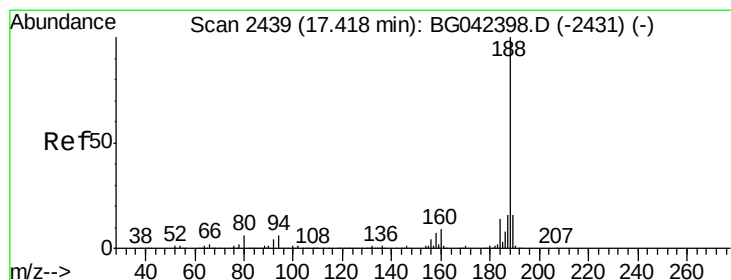
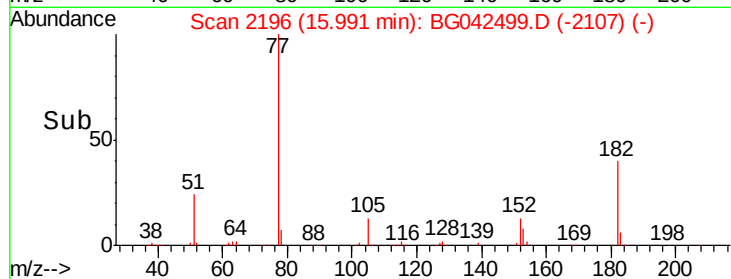
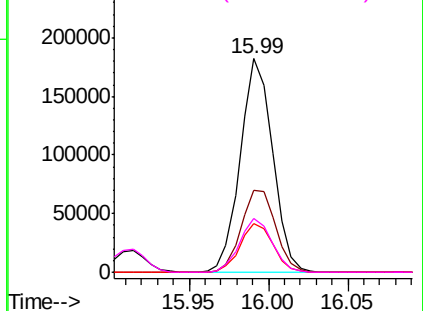
#63
Azobenzene
Concen: 42.980 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG042499.D
Acq: 26 Aug 2019 14:23

Instrument :
BNA_G
ClientSampled :
PB122533BS

Tgt Ion: 77 Resp: 259315
Ion Ratio Lower Upper
77 100
182 38.6 19.9 59.9
105 22.7 2.9 42.9
51 25.0 7.6 47.6

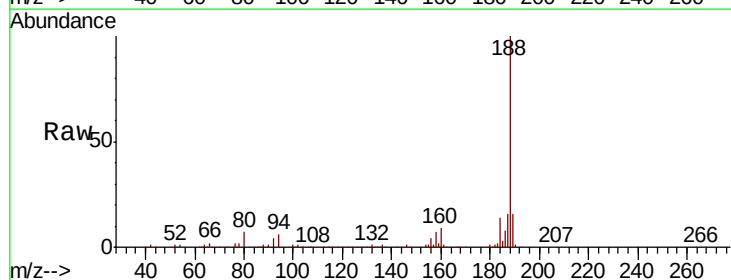


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

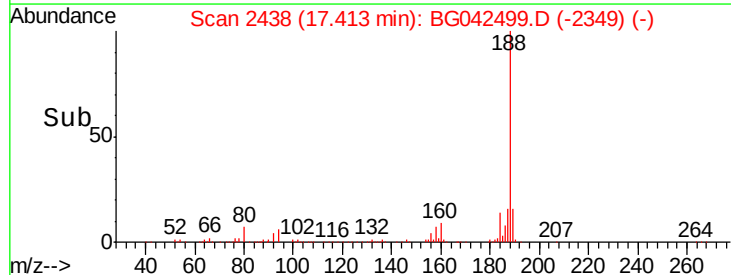
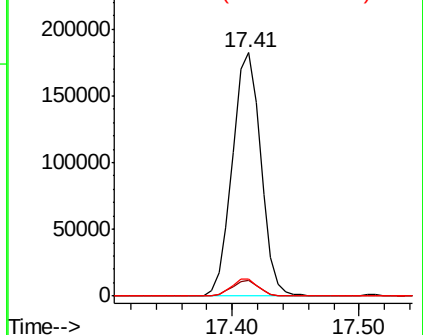


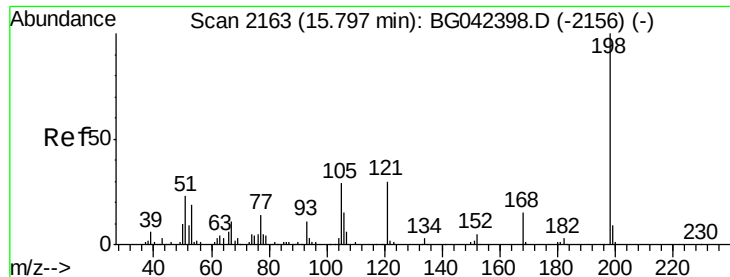
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042499.D
Acq: 26 Aug 2019 14:23

Tgt Ion: 188 Resp: 281863
Ion Ratio Lower Upper
188 100
94 6.4 4.5 6.7
80 7.0 4.9 7.3



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





#65

4,6-Dinitro-2-methylphenol

Concen: 43.666 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

Instrument :

BNA_G

ClientSampleId :

PB122533BS

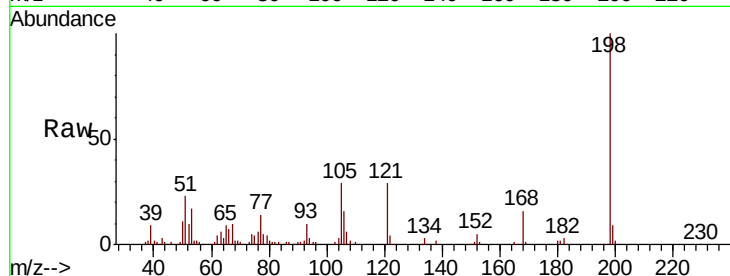
Tgt Ion:198 Resp: 77164

Ion Ratio Lower Upper

198 100

51 22.7 4.2 44.2

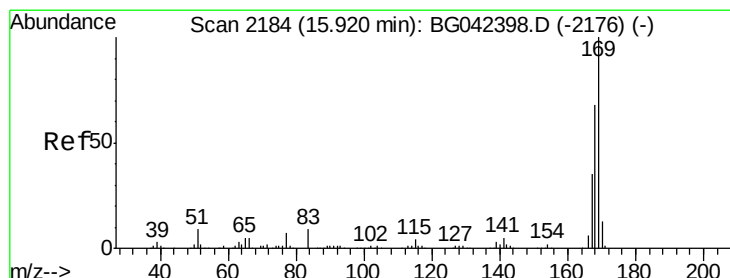
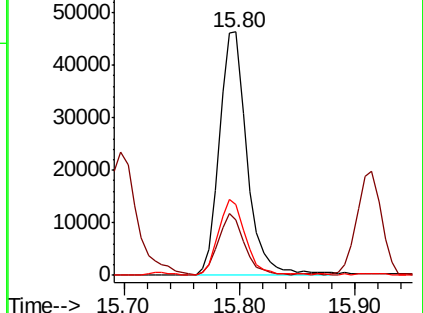
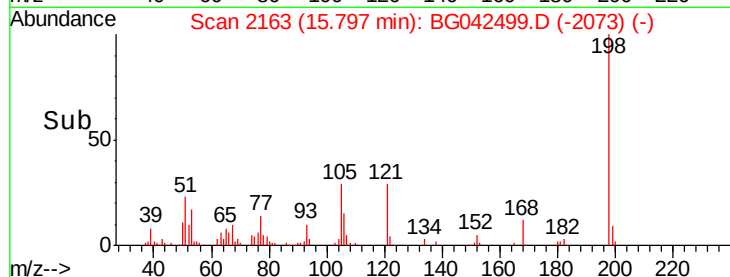
105 29.1 8.8 48.8



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: 43.519 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

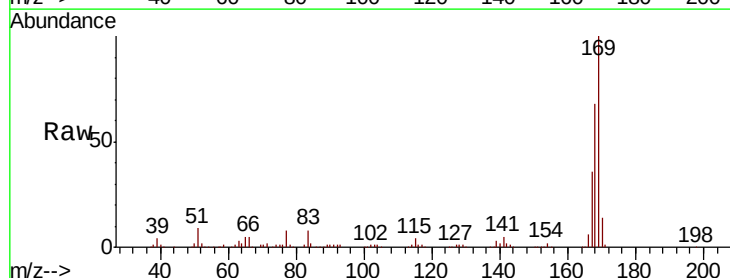
Tgt Ion:169 Resp: 337339

Ion Ratio Lower Upper

169 100

168 68.5 54.3 81.5

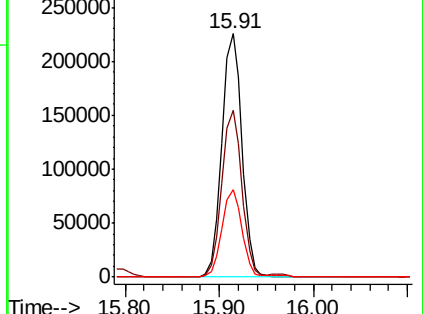
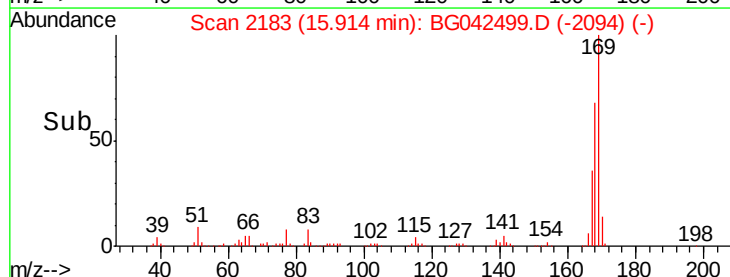
167 35.9 28.2 42.2

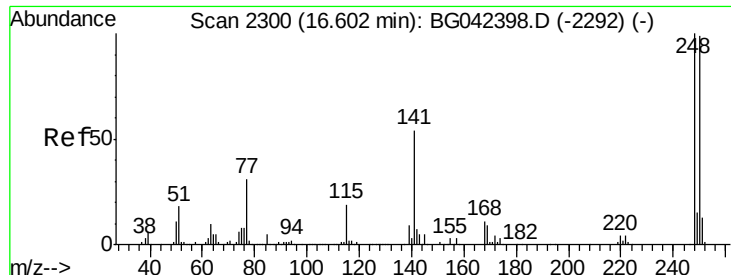


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

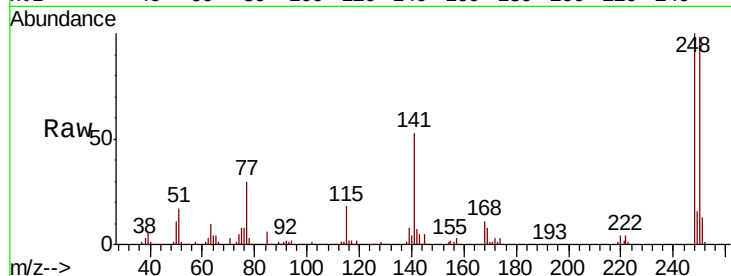




#67
 4-Bromophenyl-phenylether
 Concen: 40.455 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG042499.D
 Acq: 26 Aug 2019 14:23

Instrument :
 BNA_G
 ClientSampleId :
 PB122533BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.9	118.3
141	53.0	43.3	64.9

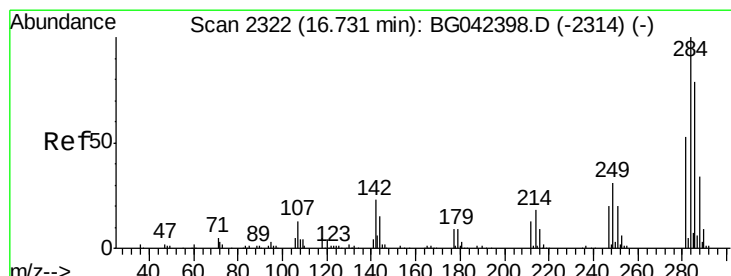
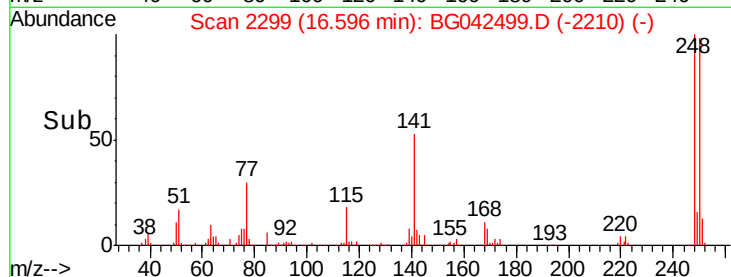
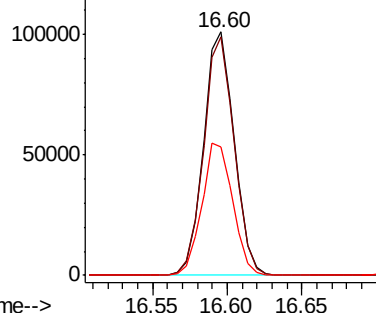


Abundance

Ion 248.00 (247.70 to 248.70): E

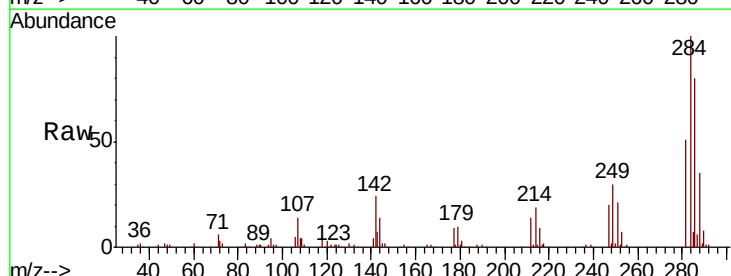
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 38.673 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG042499.D
 Acq: 26 Aug 2019 14:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	23.6	18.2	27.4
249	30.3	25.0	37.4

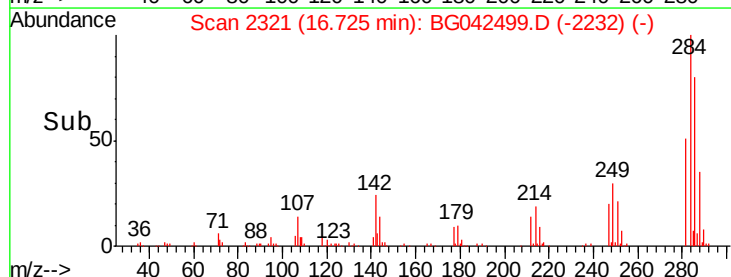
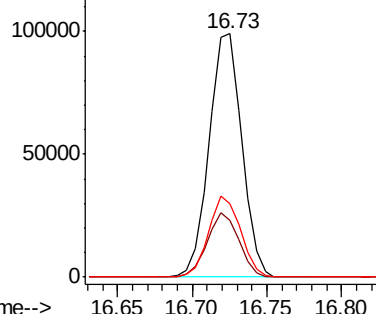


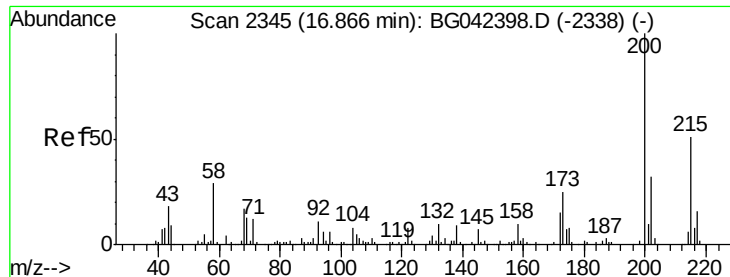
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 45.432 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

Instrument :

BNA_G

ClientSampleId :

PB122533BS

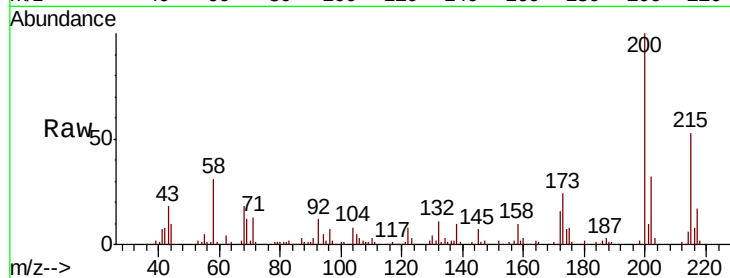
Tgt Ion:200 Resp: 124536

Ion Ratio Lower Upper

200 100

173 24.3 4.9 44.9

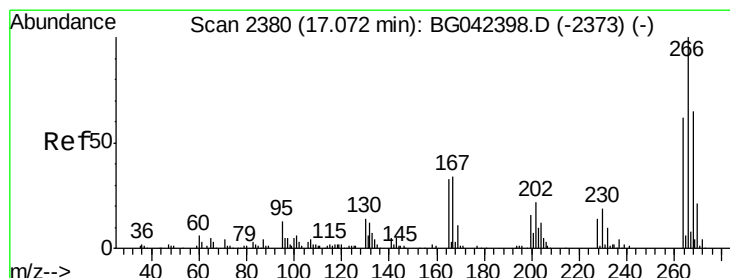
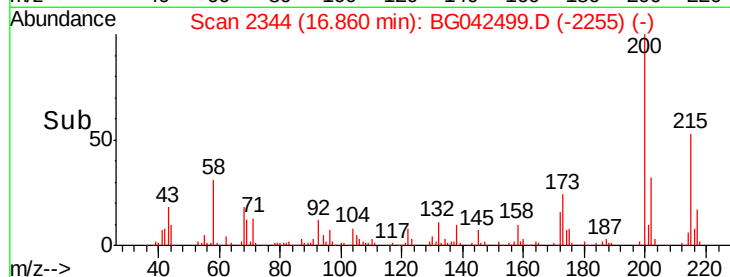
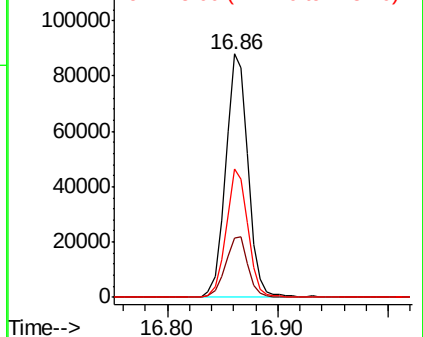
215 52.9 30.7 70.7



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: 87.141 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

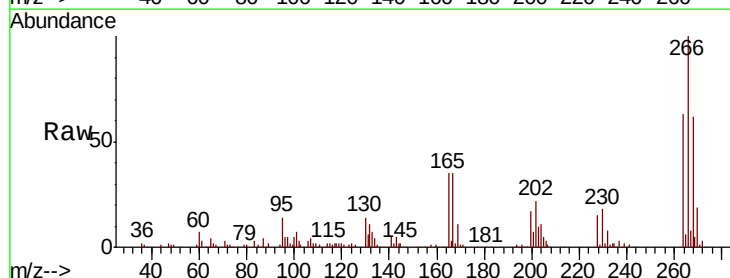
Tgt Ion:266 Resp: 175971

Ion Ratio Lower Upper

266 100

268 61.6 52.1 78.1

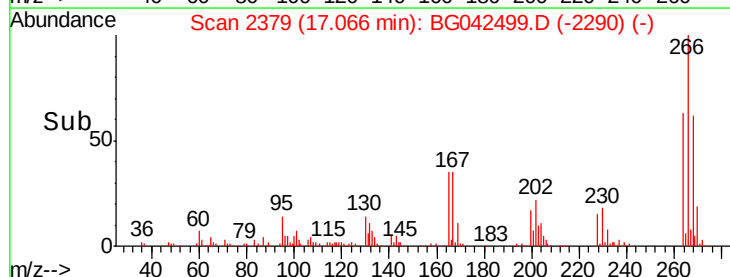
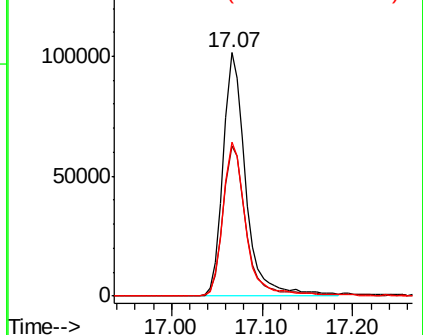
264 63.0 49.4 74.2

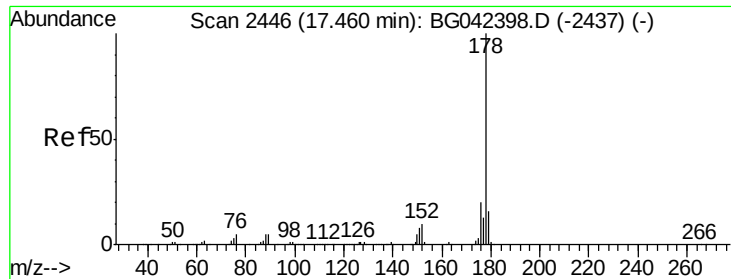


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

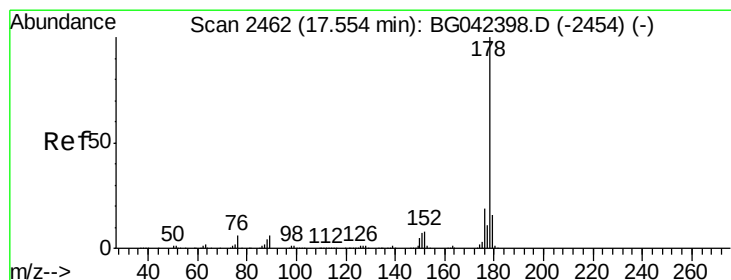
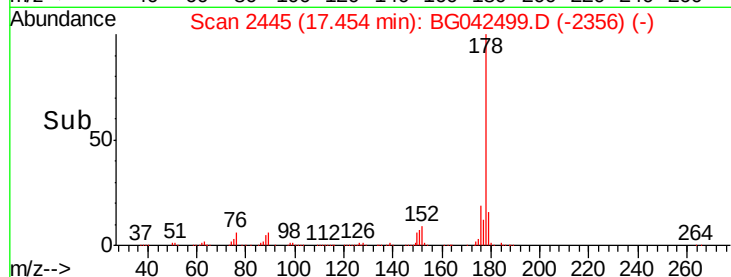
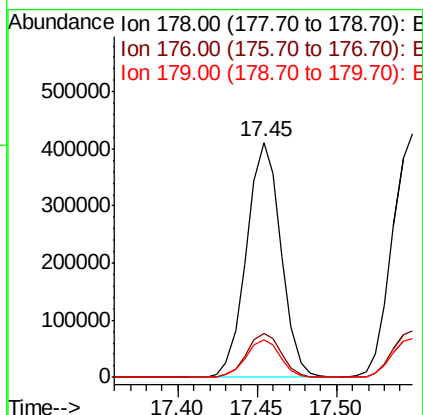
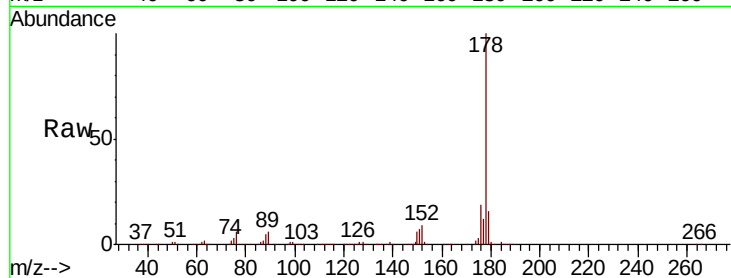




#71
Phenanthrene
Concen: 44.315 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042499.D
Acq: 26 Aug 2019 14:23

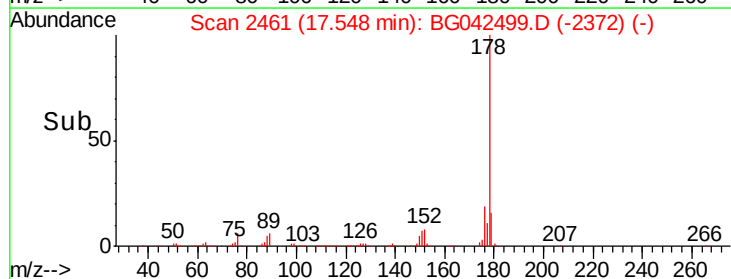
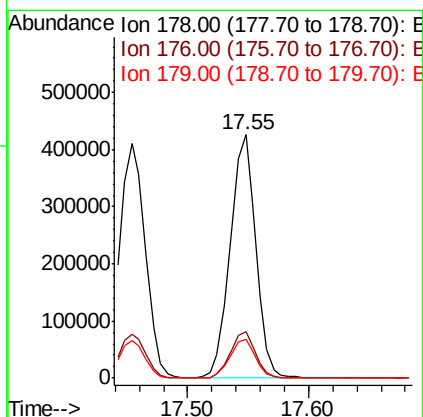
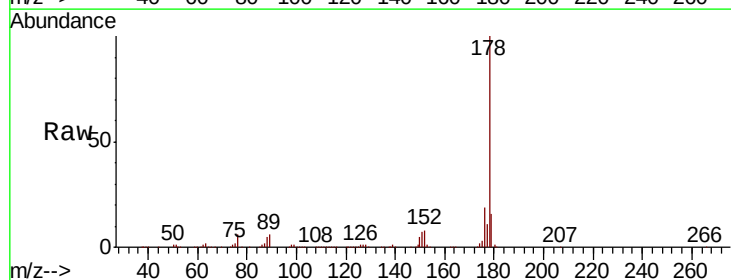
Instrument :
BNA_G
ClientSampleId :
PB122533BS

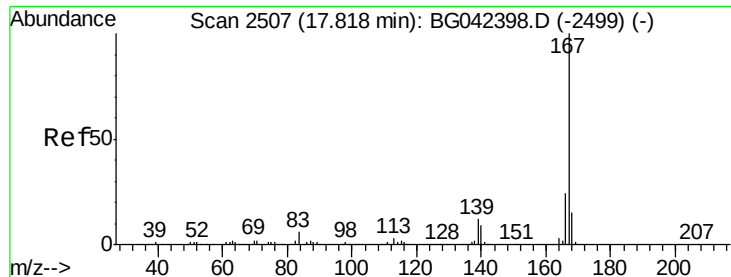
Tgt Ion:178 Resp: 620439
Ion Ratio Lower Upper
178 100
176 19.0 15.9 23.9
179 15.8 12.7 19.1



#72
Anthracene
Concen: 44.800 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG042499.D
Acq: 26 Aug 2019 14:23

Tgt Ion:178 Resp: 626165
Ion Ratio Lower Upper
178 100
176 18.9 15.5 23.3
179 16.2 12.9 19.3





#73

Carbazole

Concen: 45.044 ng

RT: 17.81 min Scan# 2506

Delta R.T. -0.01 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

Instrument :

BNA_G

ClientSampleId :

PB122533BS

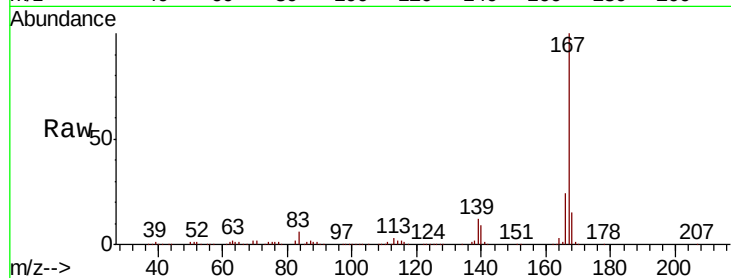
Tgt Ion:167 Resp: 561104

Ion Ratio Lower Upper

167 100

166 24.0 18.9 28.3

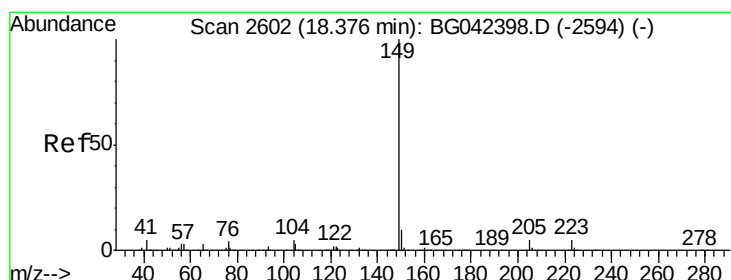
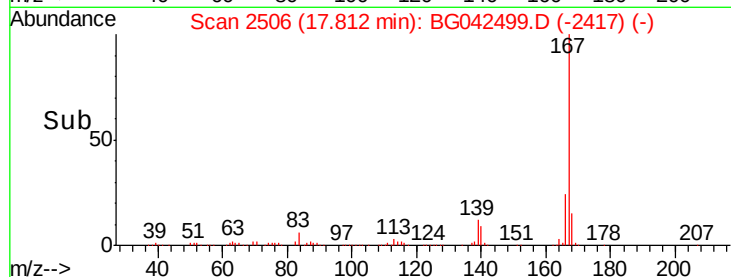
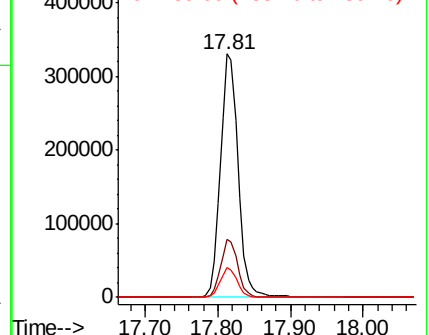
139 12.0 9.8 14.6



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: 44.136 ng

RT: 18.37 min Scan# 2601

Delta R.T. -0.01 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

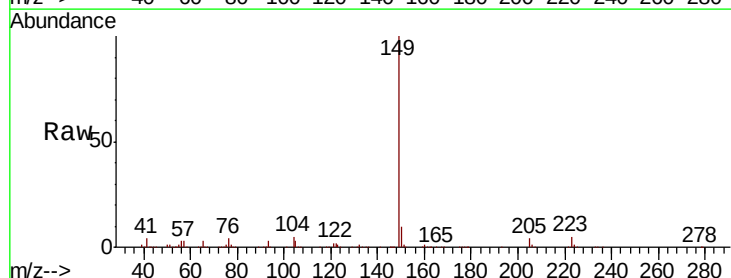
Tgt Ion:149 Resp: 649896

Ion Ratio Lower Upper

149 100

150 10.3 8.1 12.1

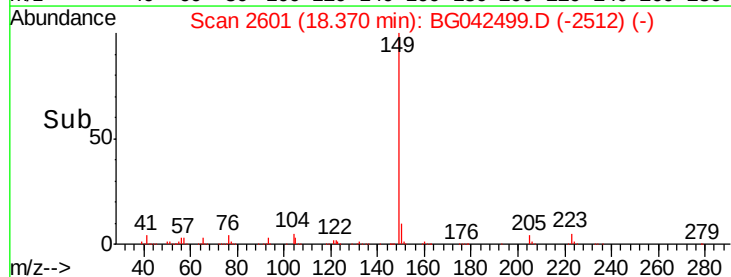
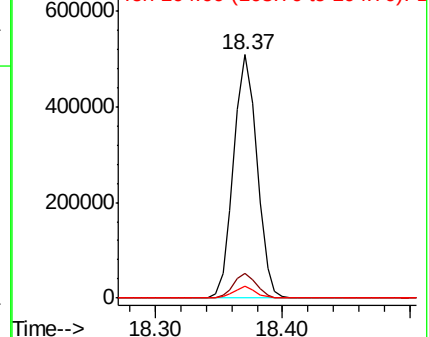
104 4.7 3.7 5.5

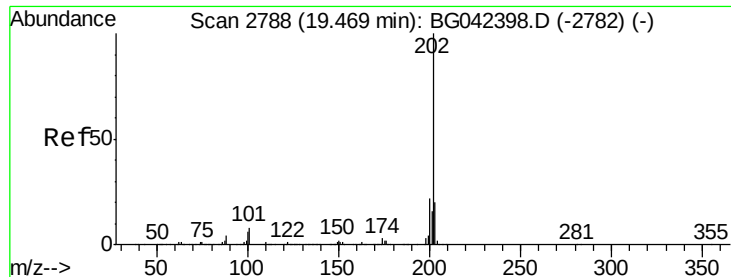


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.821 ng

RT: 19.47 min Scan# 2788

Delta R.T. 0.00 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

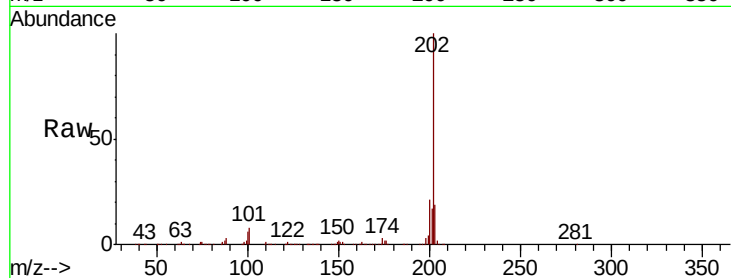
Instrument :

BNA_G

ClientSampleId :

PB122533BS

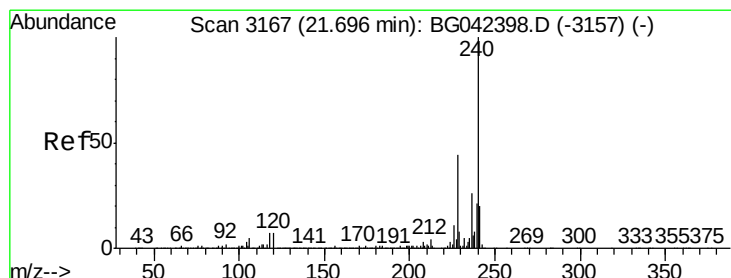
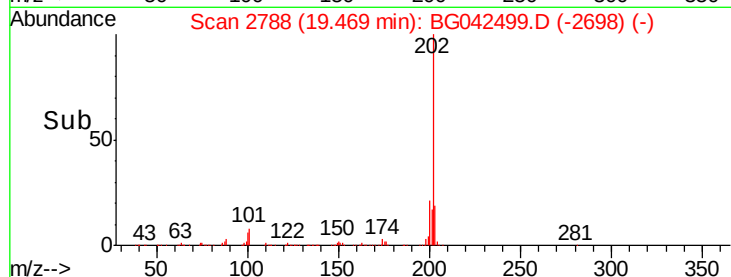
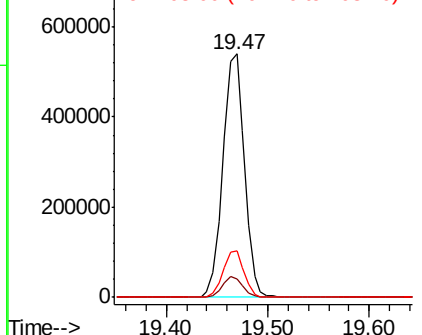
Tgt Ion:	202	Resp:	800019
Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	28.3
203	19.0	0.0	39.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

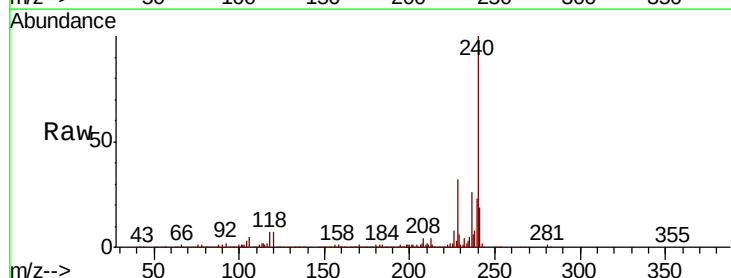
RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

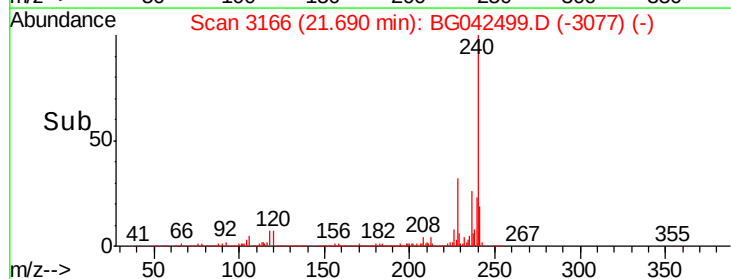
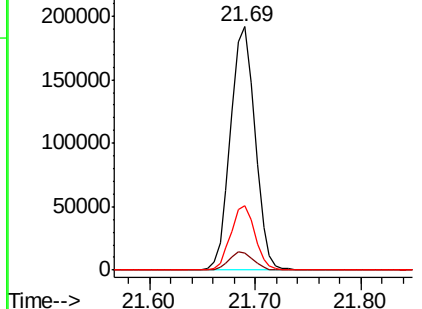
Tgt Ion:	240	Resp:	308165
Ion	Ratio	Lower	Upper
240	100		
120	7.1	5.7	8.5
236	26.3	21.0	31.4

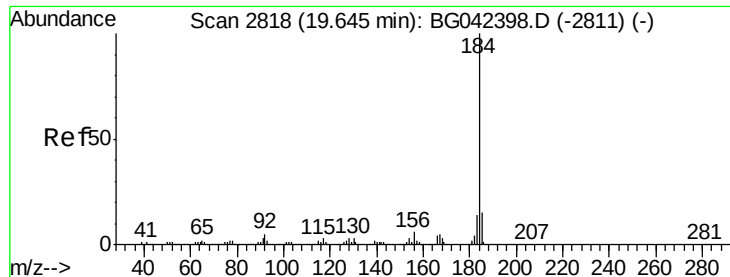


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 50.862 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

Instrument :

BNA_G

ClientSampleId :

PB122533BS

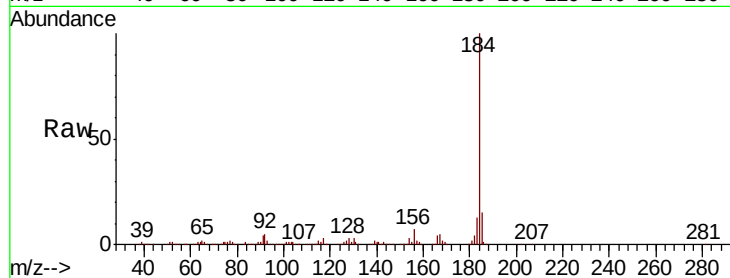
Tgt Ion:184 Resp: 449374

Ion Ratio Lower Upper

184 100

185 14.9 12.2 18.4

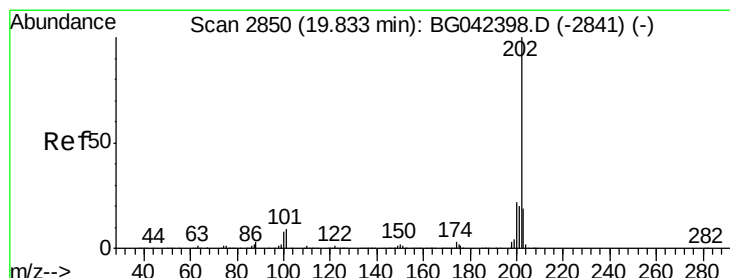
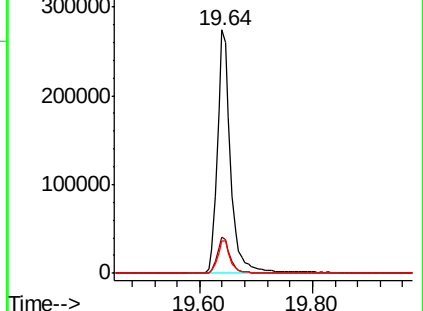
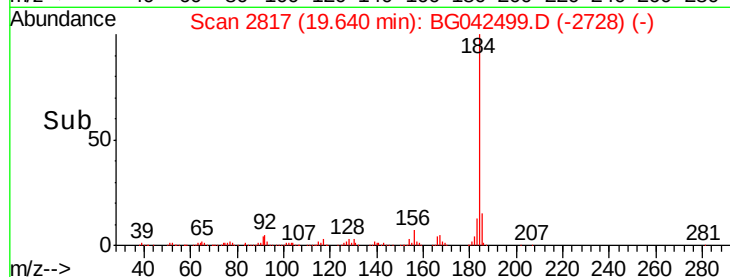
183 13.2 10.8 16.2



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: 43.368 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

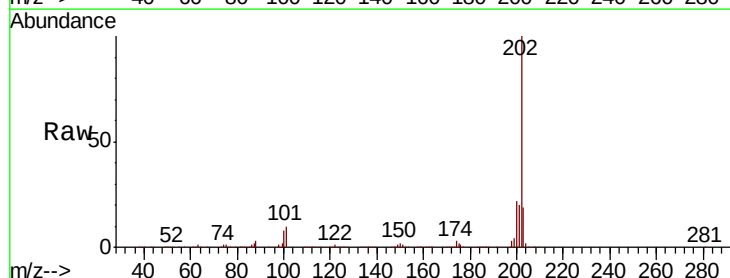
Tgt Ion:202 Resp: 819379

Ion Ratio Lower Upper

202 100

200 22.0 17.8 26.6

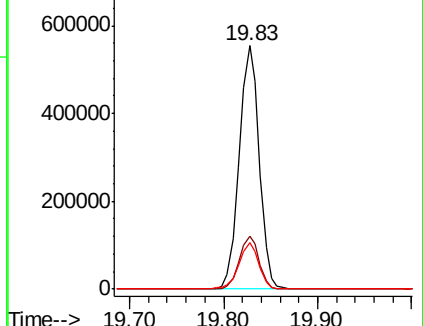
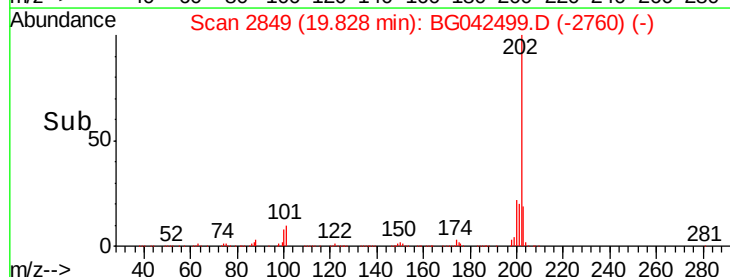
203 18.9 15.5 23.3

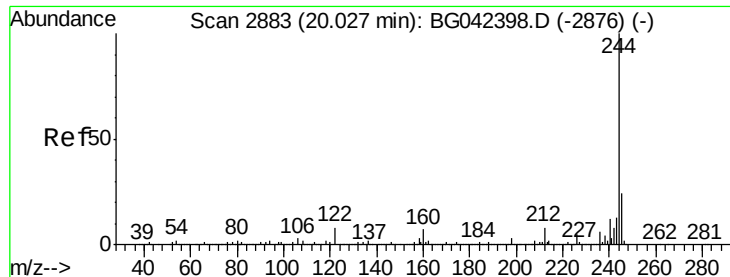


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 70.114 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

Instrument :

BNA_G

ClientSampleId :

PB122533BS

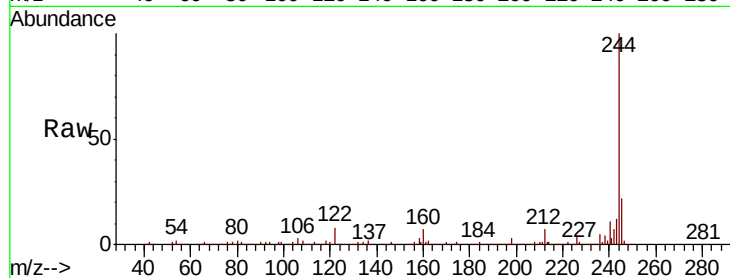
Tgt Ion:244 Resp: 999423

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

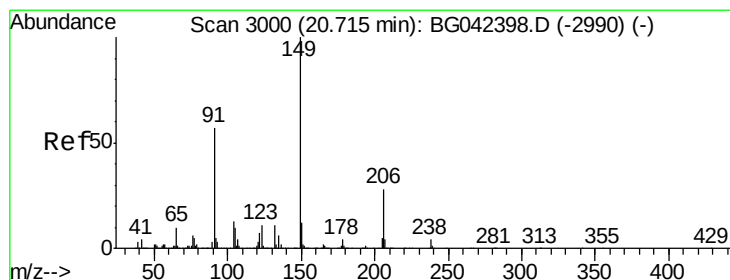
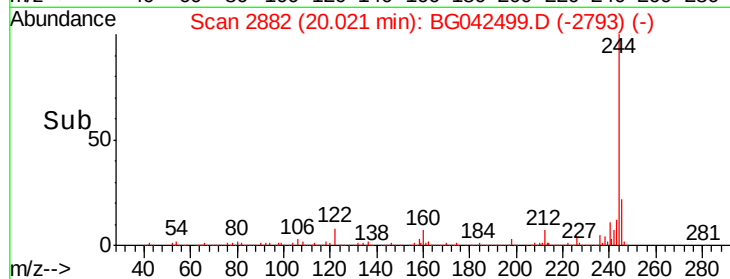
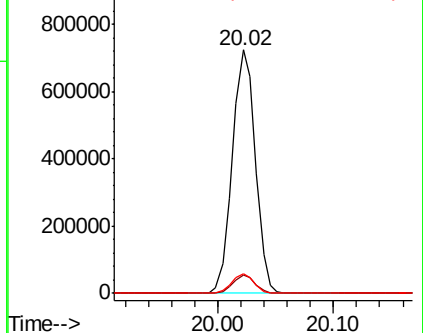
122 7.9 6.7 10.1



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: 43.265 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.01 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

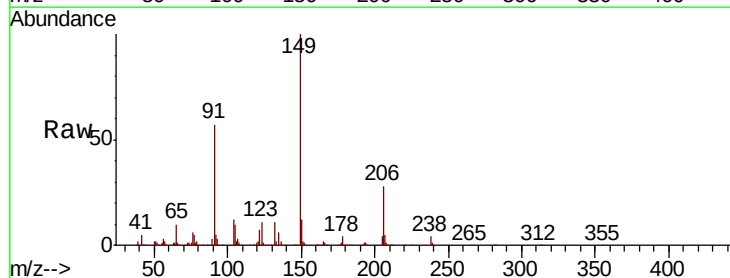
Tgt Ion:149 Resp: 321513

Ion Ratio Lower Upper

149 100

91 57.2 45.9 68.9

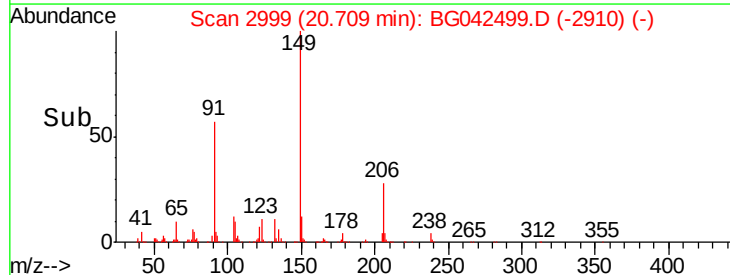
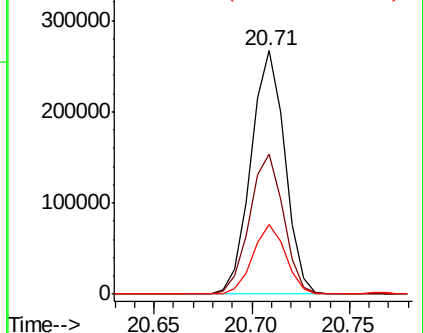
206 28.5 22.5 33.7

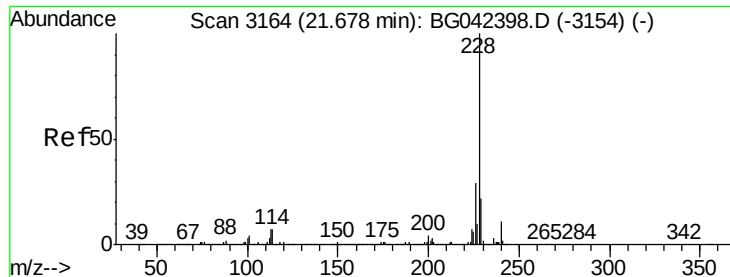


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.764 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

Instrument :

BNA_G

ClientSampleId :

PB122533BS

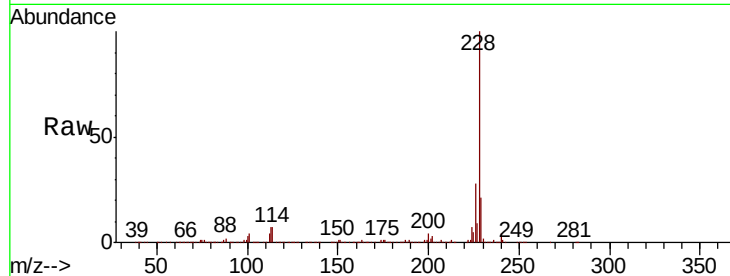
Tgt Ion:228 Resp: 820418

Ion Ratio Lower Upper

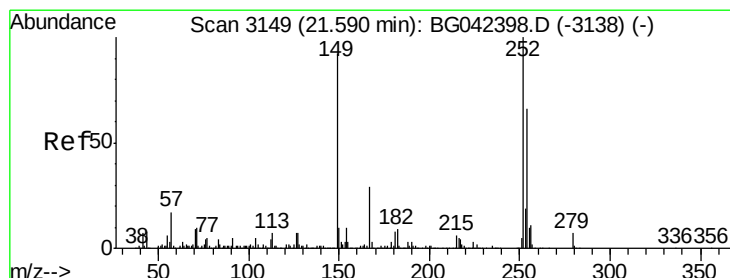
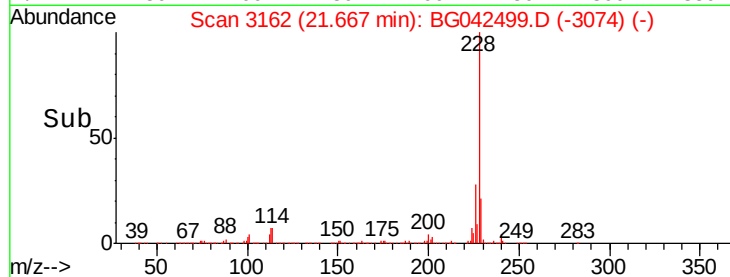
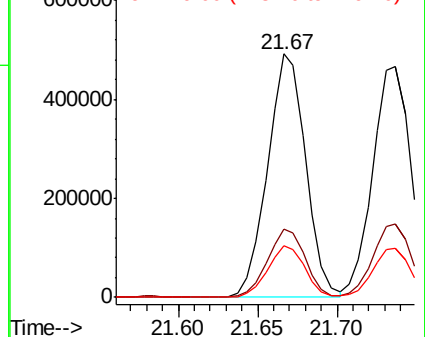
228 100

226 28.3 23.4 35.2

229 21.2 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: 32.878 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

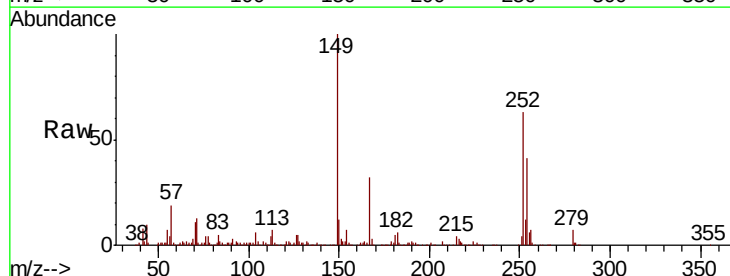
Tgt Ion:252 Resp: 247884

Ion Ratio Lower Upper

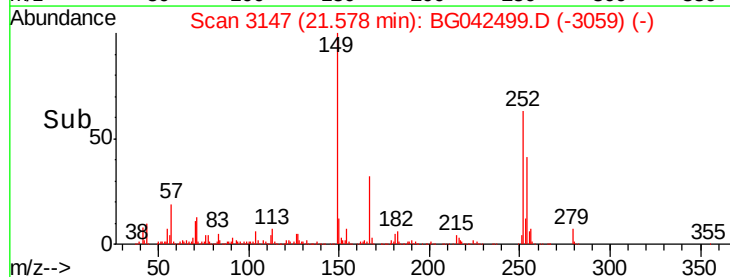
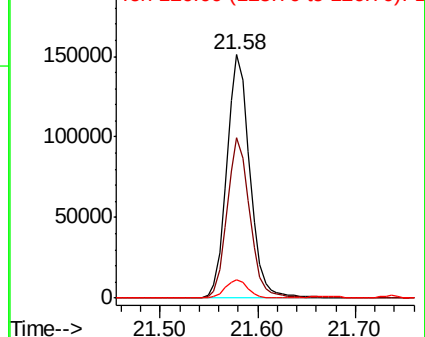
252 100

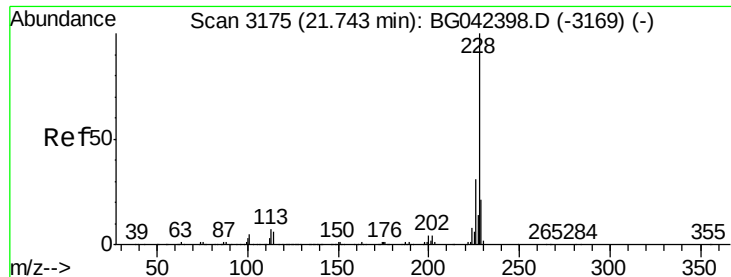
254 65.7 53.0 79.4

126 7.6 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

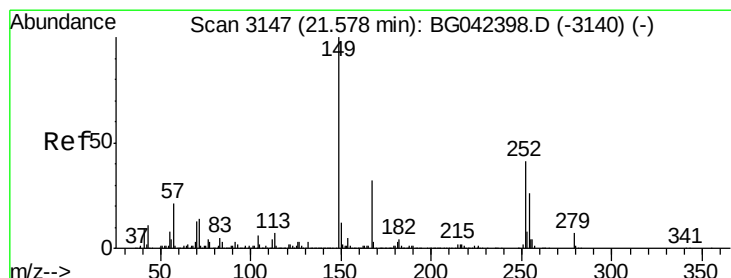
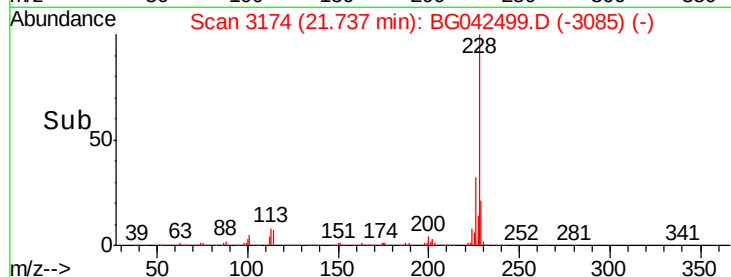
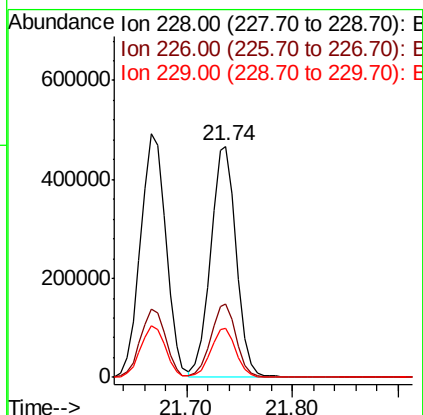
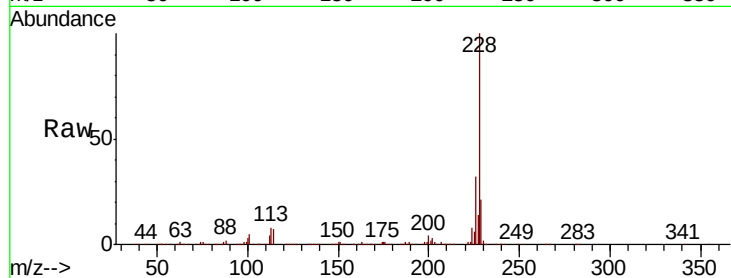




#83
Chrysene
 Concen: 43.562 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.01 min
 Lab File: BG042499.D
 Acq: 26 Aug 2019 14:23

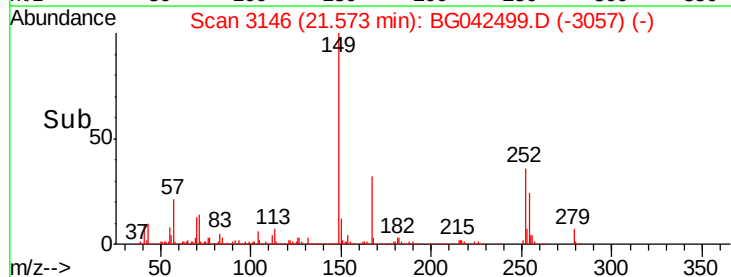
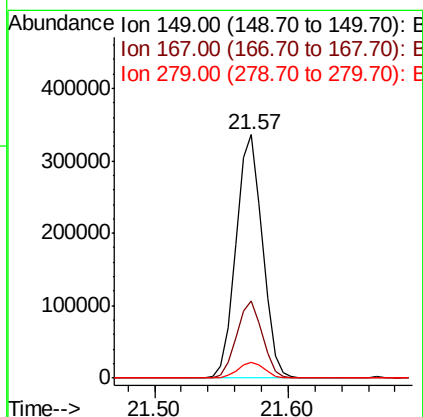
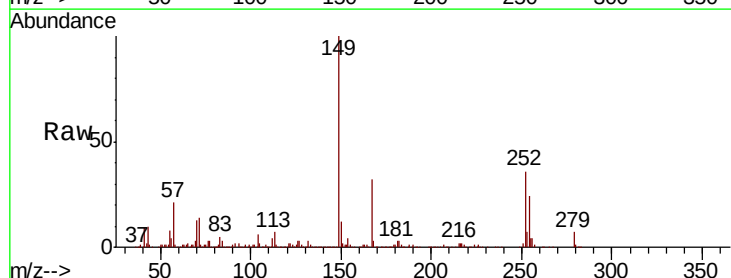
Instrument :
 BNA_G
 ClientSampleId :
 PB122533BS

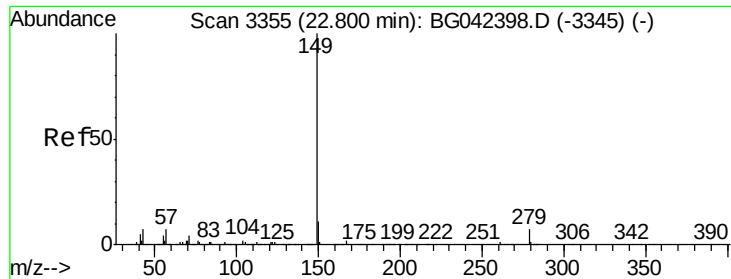
Tgt Ion: 228 Resp: 787560
 Ion Ratio Lower Upper
 228 100
 226 31.5 24.9 37.3
 229 21.2 16.9 25.3



#84
Bis(2-ethylhexyl)phthalate
 Concen: 44.759 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG042499.D
 Acq: 26 Aug 2019 14:23

Tgt Ion: 149 Resp: 461815
 Ion Ratio Lower Upper
 149 100
 167 31.5 26.0 39.0
 279 6.6 5.4 8.0





#85

Di-n-octyl phthalate

Concen: 45.401 ng

RT: 22.79 min Scan# 3353

Delta R.T. -0.01 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

Instrument :

BNA_G

ClientSampleId :

PB122533BS

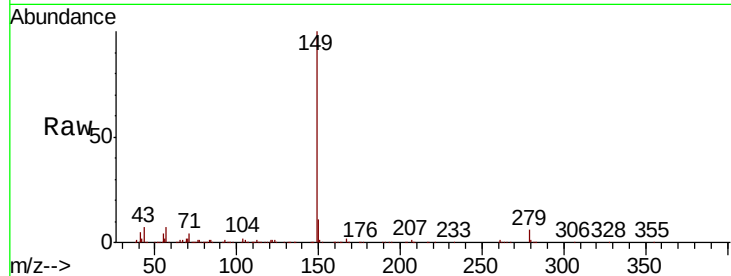
Tgt Ion:149 Resp: 805683

Ion Ratio Lower Upper

149 100

167 1.8 1.6 2.4

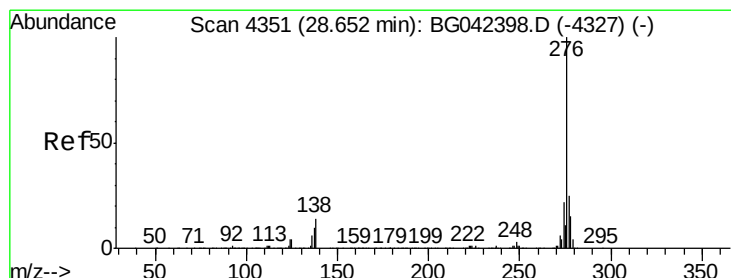
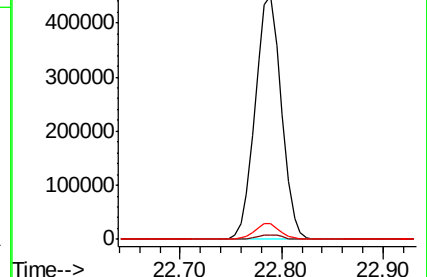
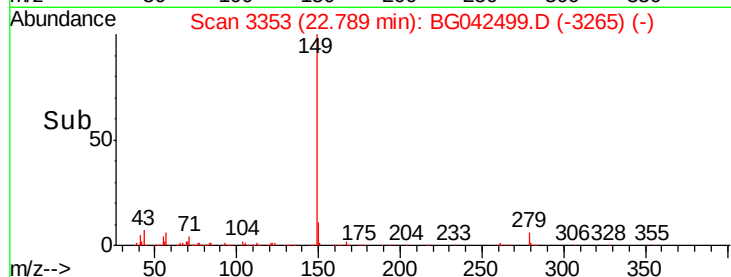
43 6.4 5.3 7.9



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: 42.641 ng

RT: 28.63 min Scan# 4348

Delta R.T. -0.02 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

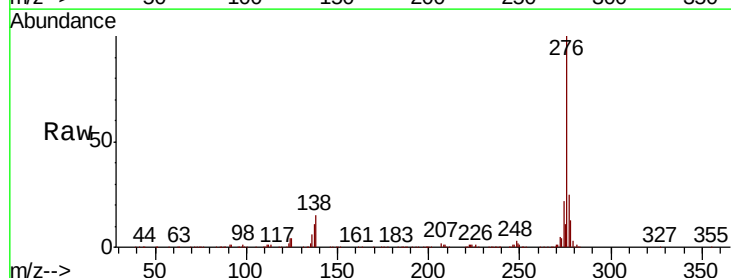
Tgt Ion:276 Resp: 1047640

Ion Ratio Lower Upper

276 100

138 18.1 9.2 13.8#

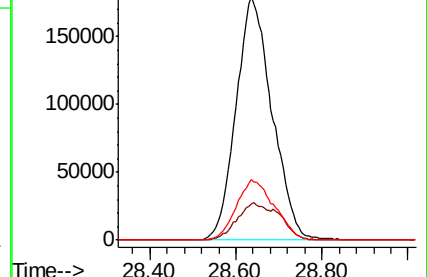
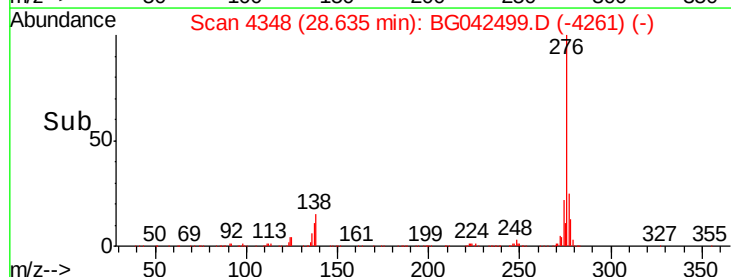
277 26.3 21.0 31.6

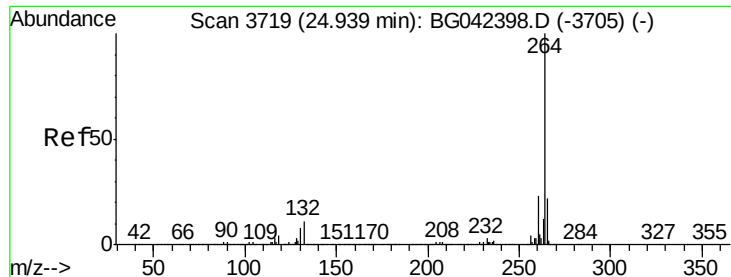


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

Instrument :

BNA_G

ClientSampleId :

PB122533BS

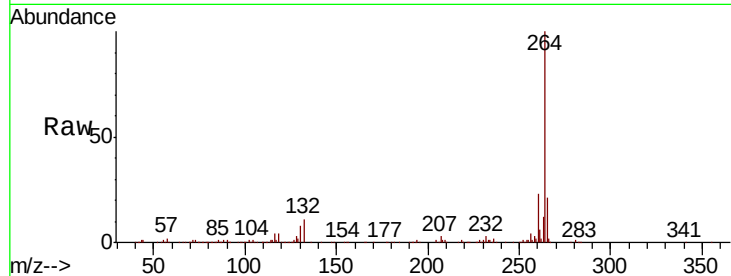
Tgt Ion:264 Resp: 355671

Ion Ratio Lower Upper

264 100

260 22.6 18.5 27.7

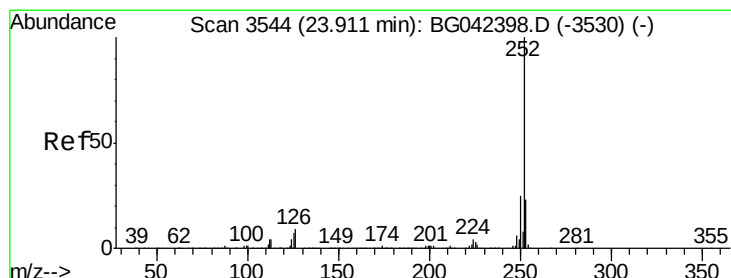
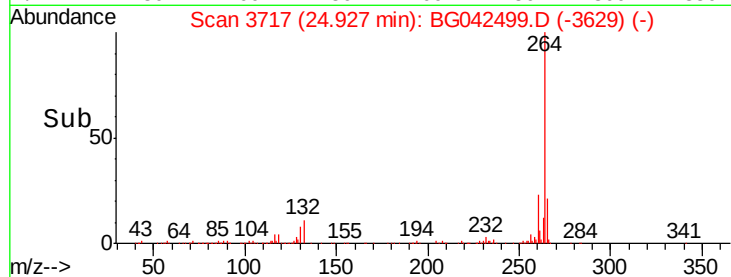
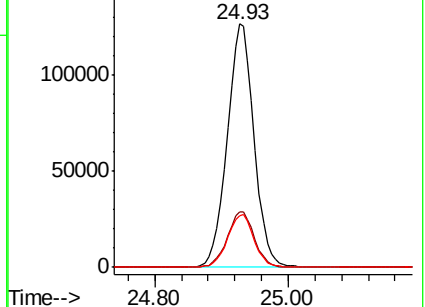
265 21.1 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.921 ng

RT: 23.90 min Scan# 3542

Delta R.T. -0.01 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

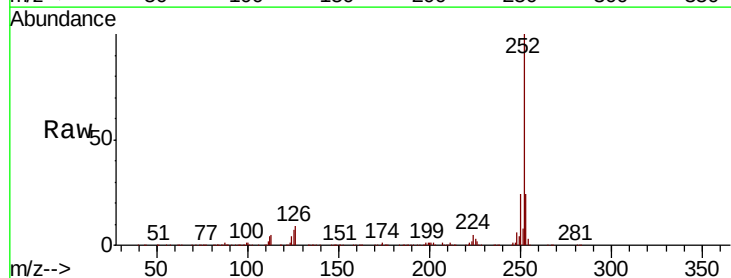
Tgt Ion:252 Resp: 897908

Ion Ratio Lower Upper

252 100

253 23.5 18.6 27.8

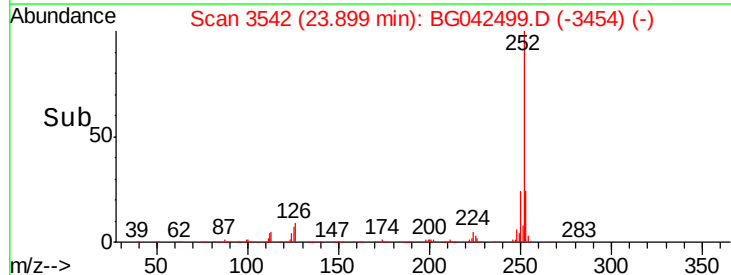
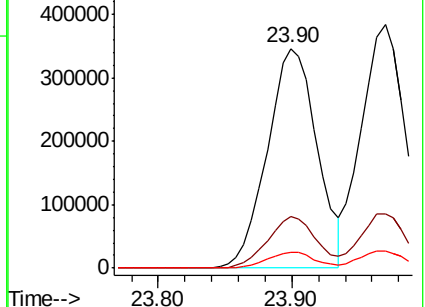
125 7.4 5.6 8.4

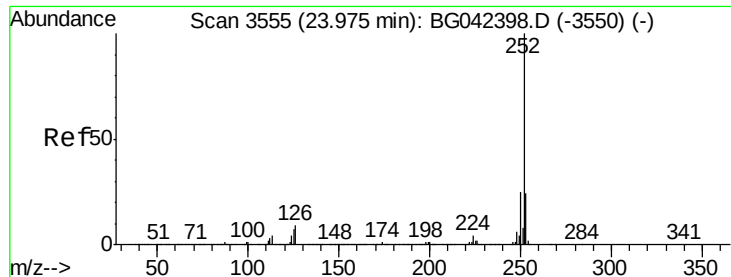


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 46.711 ng

RT: 23.97 min Scan# 3554

Delta R.T. -0.01 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

Instrument :

BNA_G

ClientSampleId :

PB122533BS

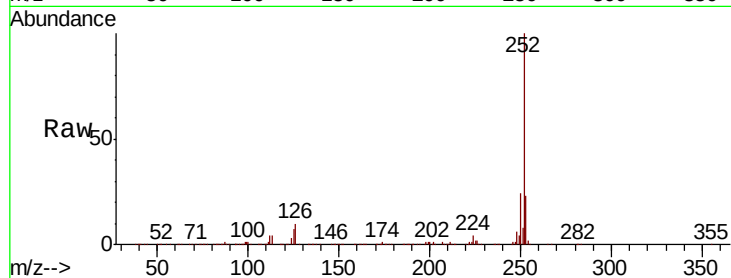
Tgt Ion:252 Resp: 877930

Ion Ratio Lower Upper

252 100

253 22.5 18.6 27.8

125 7.0 5.8 8.6

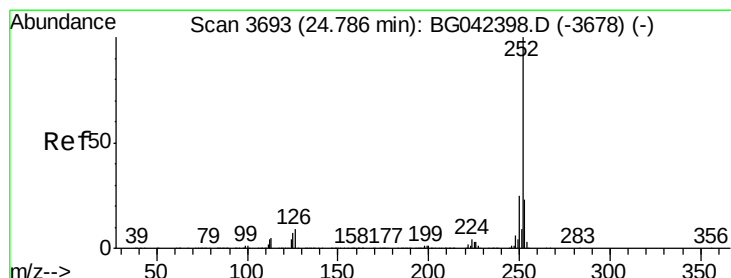
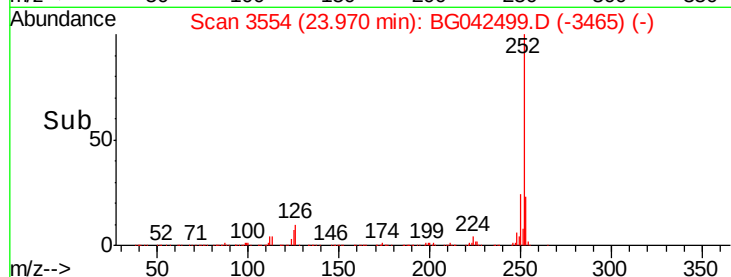
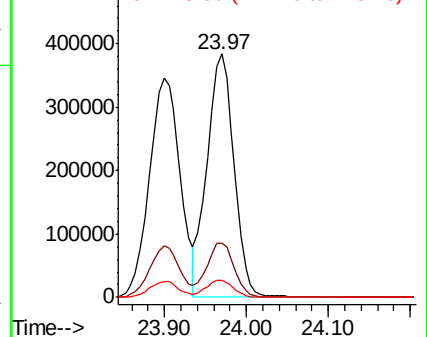


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 48.266 ng

RT: 24.78 min Scan# 3692

Delta R.T. -0.01 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

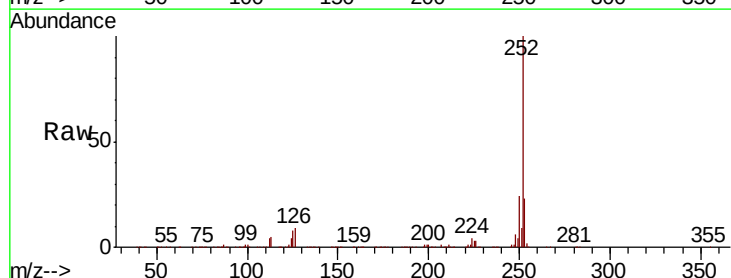
Tgt Ion:252 Resp: 895553

Ion Ratio Lower Upper

252 100

253 22.5 18.4 27.6

125 7.6 6.0 9.0

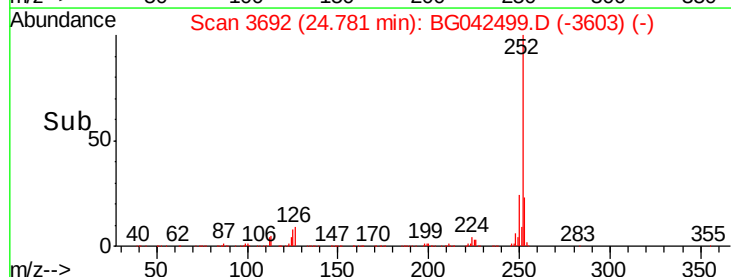
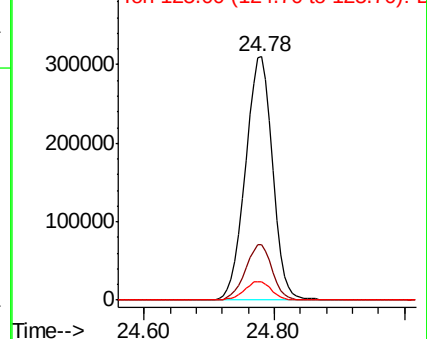


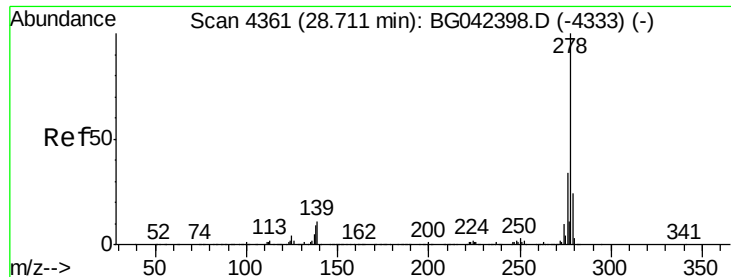
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 46.215 ng

RT: 28.69 min Scan# 4358

Delta R.T. -0.02 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

Instrument :

BNA_G

ClientSampleId :

PB122533BS

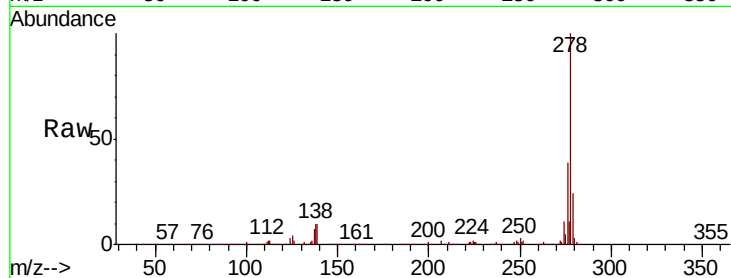
Tgt Ion:278 Resp: 868222

Ion Ratio Lower Upper

278 100

139 10.5 8.8 13.2

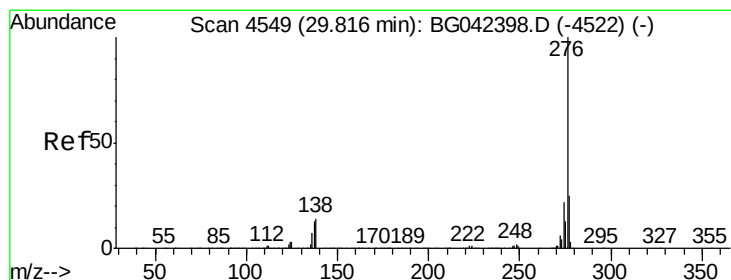
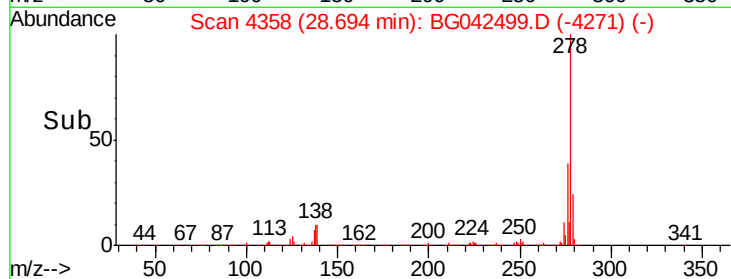
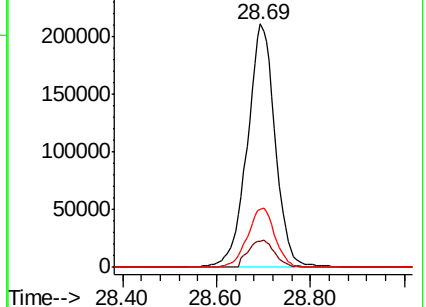
279 24.0 19.1 28.7



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: 46.713 ng

RT: 29.79 min Scan# 4545

Delta R.T. -0.02 min

Lab File: BG042499.D

Acq: 26 Aug 2019 14:23

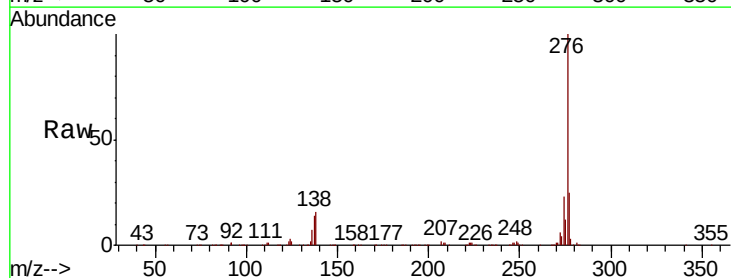
Tgt Ion:276 Resp: 877711

Ion Ratio Lower Upper

276 100

277 24.7 19.8 29.8

138 15.9 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

