

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083119\
 Data File : BG042627.D
 Acq On : 31 Aug 2019 10:05
 Operator : HP/JU
 Sample : PB122684BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122684BSD

Quant Time: Aug 31 18:11:15 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	31882	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	119256	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	79445	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	196934	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	226579	20.00	ng	-0.01
87) Perylene-d12	24.92	264	260256	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	137638	87.43	ng	0.00
7) Phenol-d6	7.16	99	172081	80.93	ng	0.00
23) Nitrobenzene-d5	9.16	82	145378	84.24	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	104462	92.51	ng	-0.01
45) 2-Fluorobiphenyl	13.27	172	472262	100.54	ng	0.00
79) Terphenyl-d14	20.02	244	902139	86.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	23311	35.484	ng	96
3) Pyridine	3.81	79	53008	31.467	ng	98
4) n-Nitrosodimethylamine	3.73	42	24254	40.312	ng	94
6) Aniline	7.31	93	71949	25.369	ng	97
8) 2-Chlorophenol	7.56	128	81330	42.630	ng	99
9) Benzaldehyde	7.13	77	17491	16.430	ng	96
10) Phenol	7.19	94	87042	40.260	ng	92
11) bis(2-Chloroethyl)ether	7.41	93	62549	36.838	ng	100
12) 1,3-Dichlorobenzene	7.89	146	92282	38.023	ng	99
13) 1,4-Dichlorobenzene	8.03	146	95394	38.804	ng	98
14) 1,2-Dichlorobenzene	8.36	146	89218	37.897	ng	99
15) Benzyl Alcohol	8.24	79	59692	39.019	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	77786	33.800	ng	98
17) 2-Methylphenol	8.45	107	61913	38.880	ng	96
18) Hexachloroethane	9.08	117	30997	36.831	ng	94
19) n-Nitroso-di-n-propylamine	8.80	70	48462	35.179	ng	95
20) 3+4-Methylphenols	8.78	107	85520	38.811	ng	98
22) Acetophenone	8.82	105	108710	42.620	ng	# 98
24) Nitrobenzene	9.20	77	71955	41.175	ng	97
25) Isophorone	9.73	82	130399	38.287	ng	99
26) 2-Nitrophenol	9.92	139	47652	43.512	ng	98
27) 2,4-Dimethylphenol	9.99	122	72499	48.059	ng	98
28) bis(2-Chloroethoxy)methane	10.21	93	81899	38.153	ng	97
29) 2,4-Dichlorophenol	10.47	162	87816	44.493	ng	99
30) 1,2,4-Trichlorobenzene	10.68	180	104217	43.018	ng	96
31) Naphthalene	10.86	128	232567	42.004	ng	99
32) Benzoic acid	10.14	122	34167	34.065	ng	96
33) 4-Chloroaniline	10.98	127	57935	22.667	ng	99
34) Hexachlorobutadiene	11.16	225	68605	42.137	ng	96
35) Caprolactam	11.75	113	23790	36.123	ng	90
36) 4-Chloro-3-methylphenol	12.11	107	77008	41.101	ng	95
37) 2-Methylnaphthalene	12.48	142	184141	41.419	ng	99
38) 1-Methylnaphthalene	12.70	142	174590	41.344	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	125837	49.323	ng	100

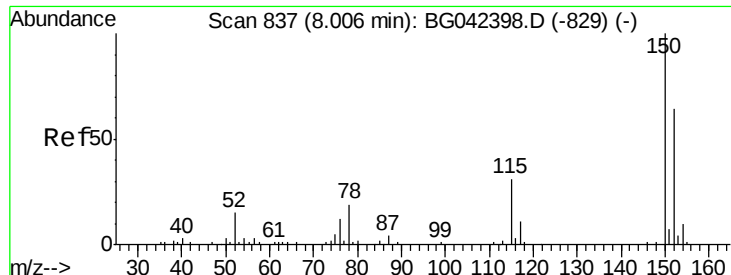
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083119\
 Data File : BG042627.D
 Acq On : 31 Aug 2019 10:05
 Operator : HP/JU
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Quant Time: Aug 31 18:11:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	134292	100.207	ng	96
43) 2,4,6-Trichlorophenol	13.09	196	79040	45.834	ng	97
44) 2,4,5-Trichlorophenol	13.17	196	82129	45.958	ng	99
46) 1,1'-Biphenyl	13.48	154	237708	46.288	ng	99
47) 2-Chloronaphthalene	13.53	162	199363	45.023	ng	99
48) 2-Nitroaniline	13.73	65	42791	40.074	ng	95
49) Acenaphthylene	14.38	152	304730	45.743	ng	99
50) Dimethylphthalate	14.11	163	249746	43.569	ng	99
51) 2,6-Dinitrotoluene	14.23	165	59370	44.683	ng	96
52) Acenaphthene	14.72	154	177477	43.873	ng	99
53) 3-Nitroaniline	14.56	138	36635	27.570	ng	98
54) 2,4-Dinitrophenol	14.78	184	71636	79.983	ng	97
55) Dibenzofuran	15.05	168	311892	46.579	ng	99
56) 4-Nitrophenol	14.88	139	82372	87.238	ng	96
57) 2,4-Dinitrotoluene	15.02	165	82307	43.259	ng	97
58) Fluorene	15.71	166	248193	45.344	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	78011	44.142	ng	98
60) Diethylphthalate	15.47	149	236081	42.130	ng	99
61) 4-Chlorophenyl-phenylether	15.69	204	147092	44.580	ng	98
62) 4-Nitroaniline	15.72	138	55946	39.339	ng	92
63) Azobenzene	15.99	77	157782	41.092	ng	95
65) 4,6-Dinitro-2-methylphenol	15.79	198	52009	42.123	ng	98
66) n-Nitrosodiphenylamine	15.91	169	224755	41.500	ng	99
67) 4-Bromophenyl-phenylether	16.59	248	102436	41.008	ng	97
68) Hexachlorobenzene	16.72	284	108590	39.989	ng	97
69) Atrazine	16.86	200	87725	45.805	ng	99
70) Pentachlorophenol	17.06	266	120349	85.298	ng	96
71) Phenanthrene	17.45	178	411983	42.116	ng	99
72) Anthracene	17.54	178	422698	43.285	ng	99
73) Carbazole	17.81	167	365327	41.975	ng	98
74) Di-n-butylphthalate	18.37	149	420547	40.877	ng	99
75) Fluoranthene	19.46	202	555659	46.544	ng	96
77) Benzidine	19.64	184	222362	34.230	ng	99
78) Pyrene	19.82	202	564441	40.632	ng	98
80) Butylbenzylphthalate	20.71	149	215031	39.356	ng	94
81) Benzo(a)anthracene	21.66	228	587318	42.611	ng	97
82) 3,3'-Dichlorobenzidine	21.58	252	189793	34.238	ng	98
83) Chrysene	21.73	228	574089	43.188	ng	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	309975	40.860	ng	98
85) Di-n-octyl phthalate	22.78	149	536273	41.101	ng	99
86) Indeno(1,2,3-cd)pyrene	28.63	276	747689	41.390	ng	# 97
88) Benzo(b)fluoranthene	23.89	252	648663	45.336	ng	97
89) Benzo(k)fluoranthene	23.96	252	637673	46.366	ng	98
90) Benzo(a)pyrene	24.77	252	639441	47.097	ng	98
91) Dibenzo(a,h)anthracene	28.68	278	622491	45.283	ng	98
92) Benzo(g,h,i)perylene	29.79	276	624663	45.434	ng	97

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

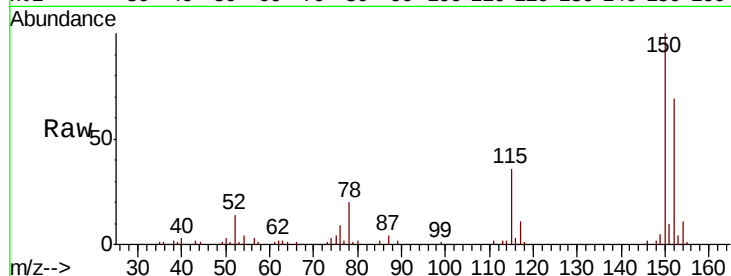


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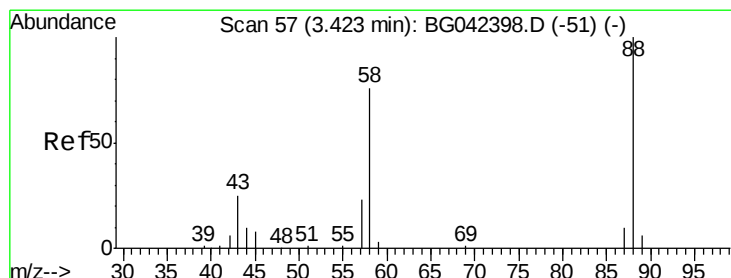
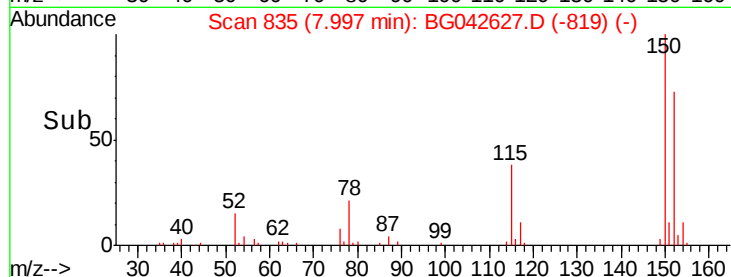
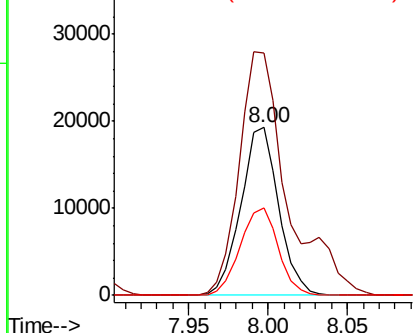
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042627.D
Acq: 31 Aug 2019 10:05

Instrument :
BNA_G
ClientSampleId :
PB122684BSD

Tot Ion:152 Resp: 31882
Ion Ratio Lower Upper
152 100
150 144.9 125.4 188.0
115 52.2 38.5 57.7



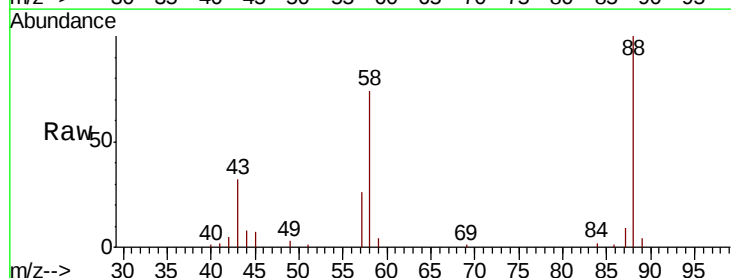
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



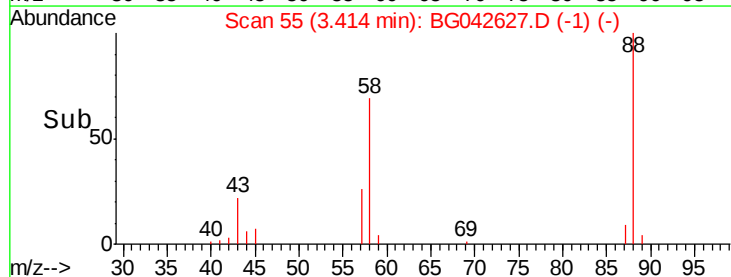
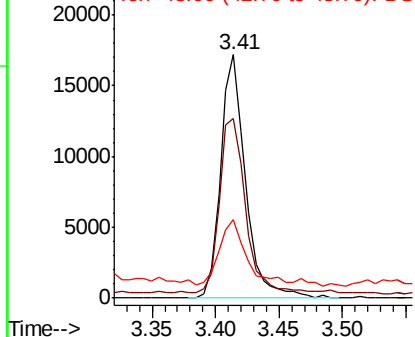
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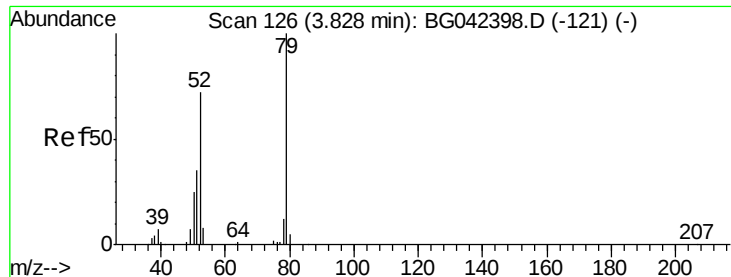
1,4-Dioxane
Concen: 35.484 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BG042627.D
Acq: 31 Aug 2019 10:05

Tgt Ion: 88 Resp: 23311
Ion Ratio Lower Upper
88 100
58 75.3 58.3 87.5
43 28.8 20.2 30.2



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





#3

Pvridine

Concen: 31.467 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG042627.D

Acq: 31 Aug 2019 10:05

Instrument :

BNA_G

ClientSampleId :

PB122684BSD

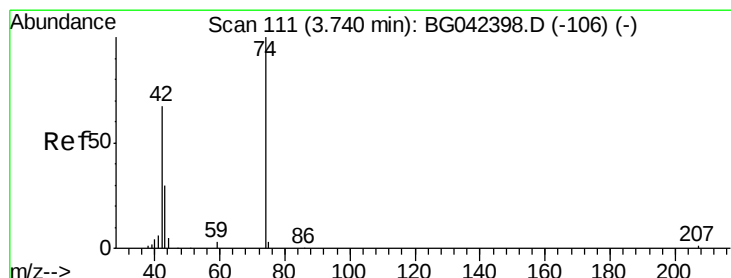
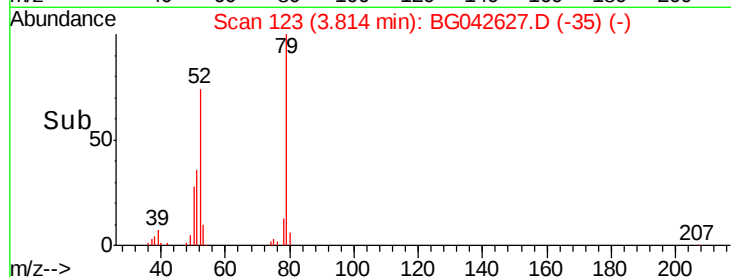
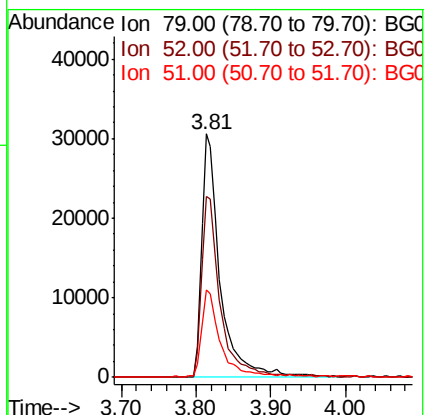
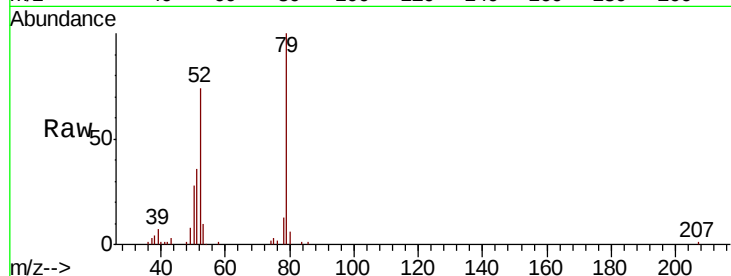
Tot Ion: 79 Resp: 53008

Ion Ratio Lower Upper

79 100

52 74.1 57.7 86.5

51 36.2 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 40.312 ng

RT: 3.73 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG042627.D

Acq: 31 Aug 2019 10:05

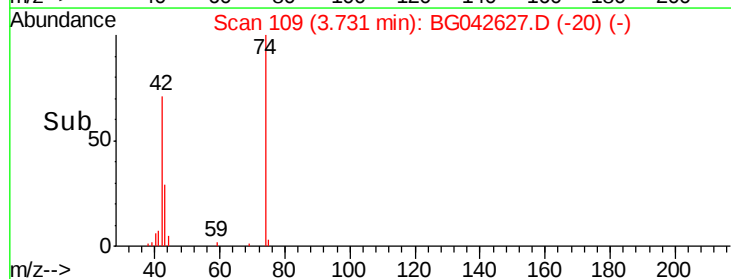
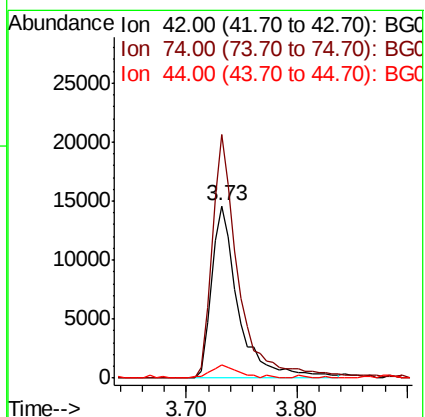
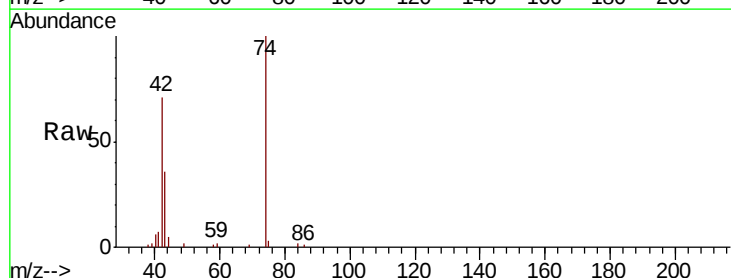
Tgt Ion: 42 Resp: 24254

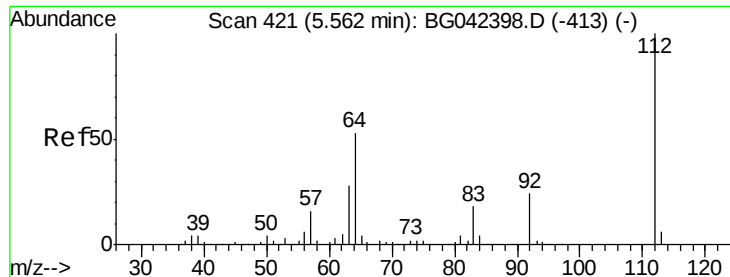
Ion Ratio Lower Upper

42 100

74 141.3 119.6 179.4

44 7.7 6.5 9.7





#5

2-Fluorophenol

Concen: 87.434 ng

RT: 5.55 min Scan# 419

Delta R.T. -0.01 min

Lab File: BG042627.D

Acq: 31 Aug 2019 10:05

Instrument :

BNA_G

ClientSampleId :

PB122684BSD

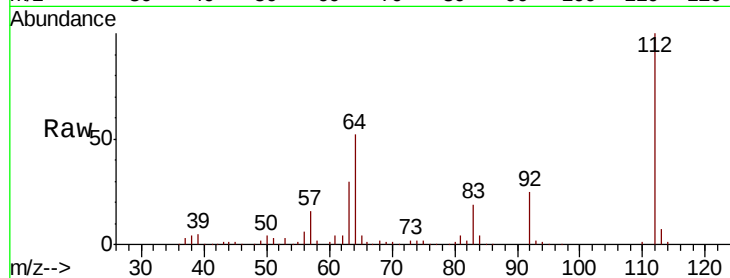
Tot Ion:112 Resp: 137638

Ion Ratio Lower Upper

112 100

64 51.7 42.8 64.2

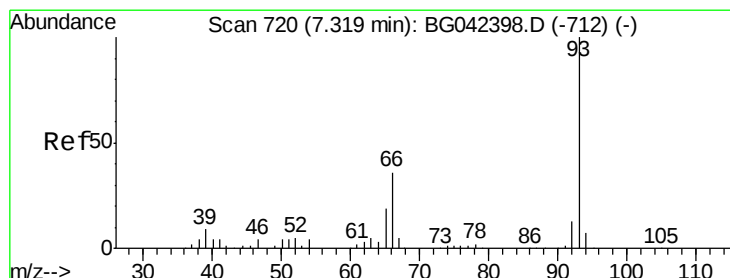
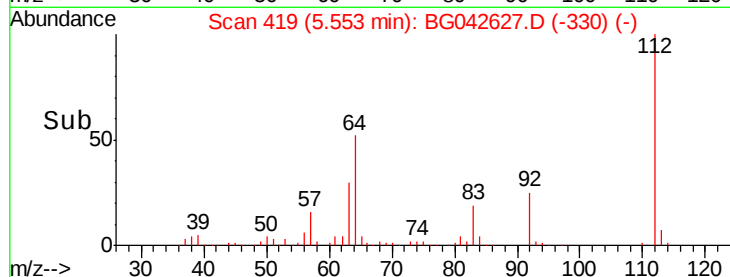
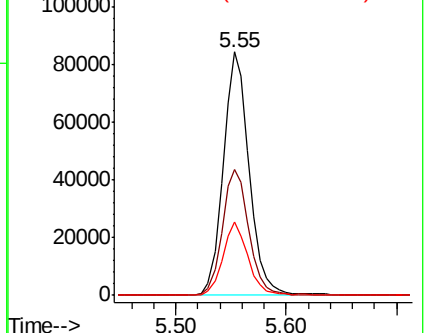
63 29.9 22.7 34.1



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: 25.369 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG042627.D

Acq: 31 Aug 2019 10:05

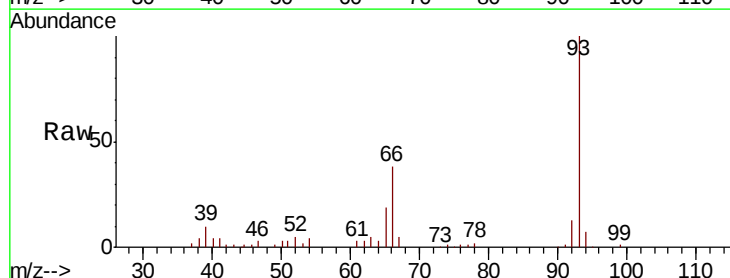
Tgt Ion: 93 Resp: 71949

Ion Ratio Lower Upper

93 100

66 38.4 29.0 43.6

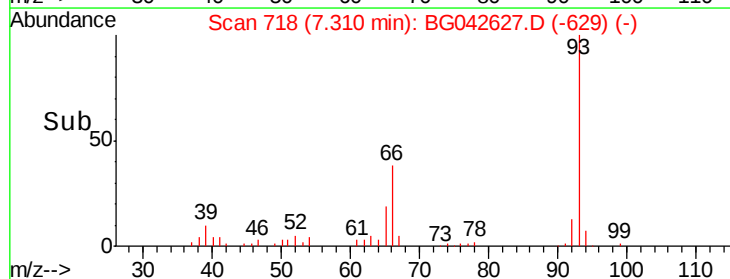
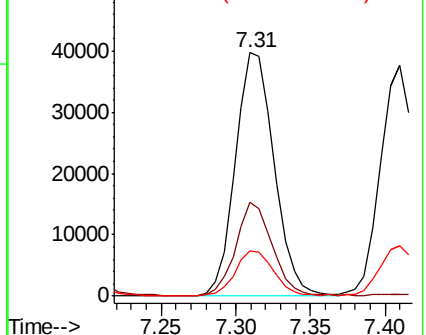
65 18.6 15.2 22.8



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: 80.927 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042627.D

Acq: 31 Aug 2019 10:05

Instrument :

BNA_G

ClientSampleId :

PB122684BSD

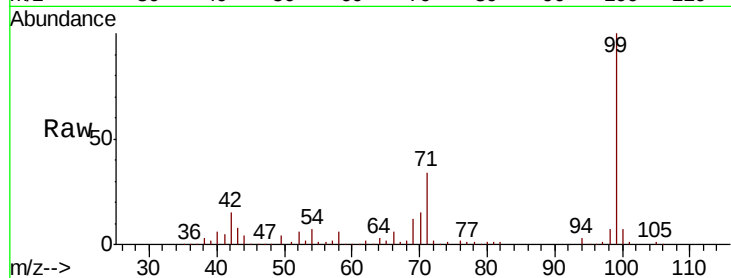
Tot Ion: 99 Resp: 172081

Ion Ratio Lower Upper

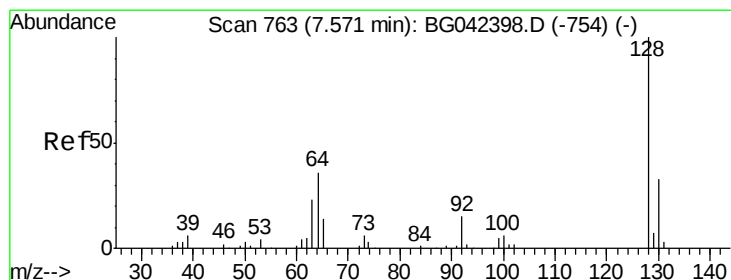
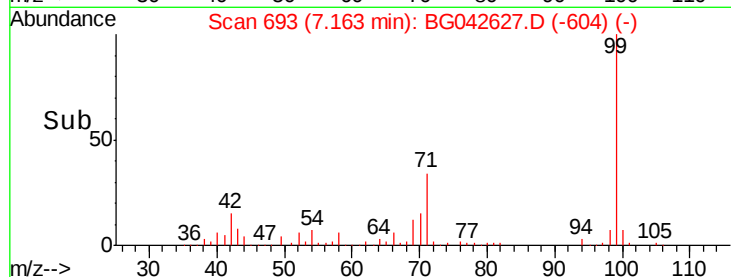
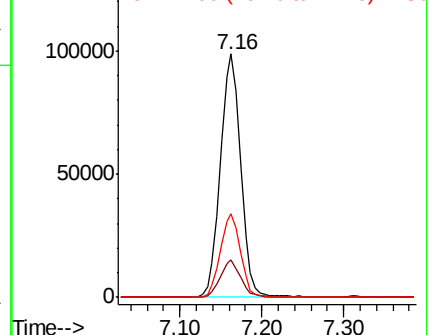
99 100

42 15.2 12.0 18.0

71 34.4 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: 42.630 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BG042627.D

Acq: 31 Aug 2019 10:05

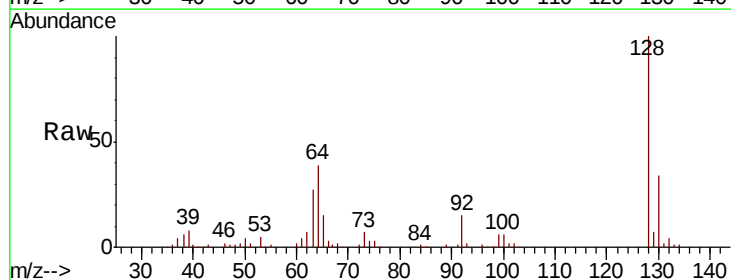
Tgt Ion: 128 Resp: 81330

Ion Ratio Lower Upper

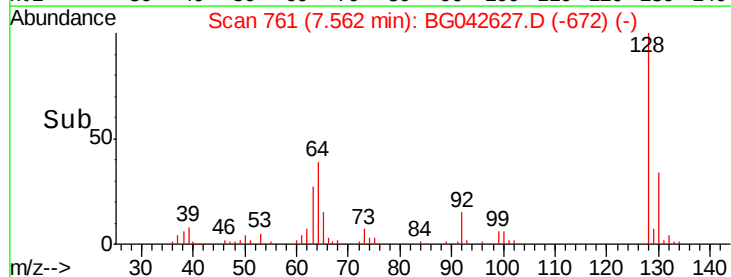
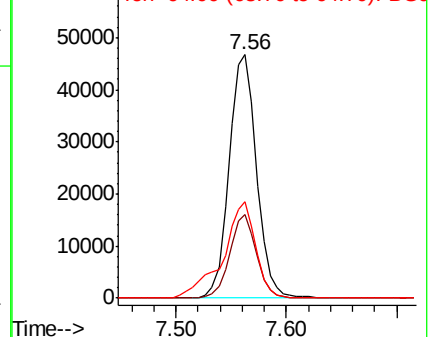
128 100

130 34.2 12.8 52.8

64 39.3 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

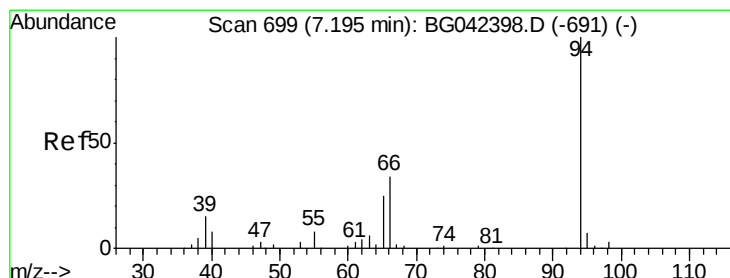
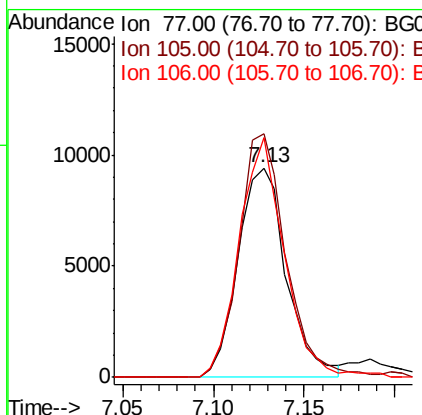
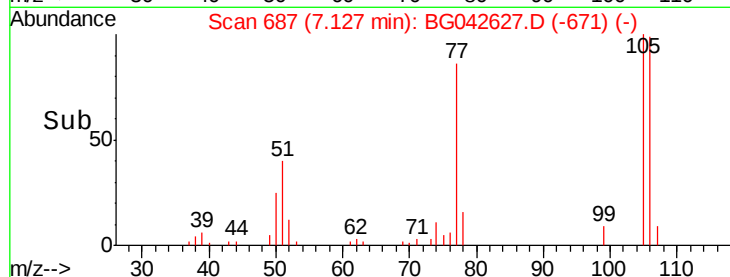
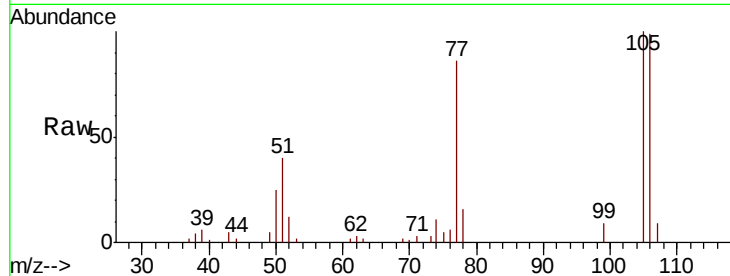




#9
Benzaldehyde
Concen: 16.430 ng
RT: 7.13 min Scan# 687
Delta R.T. -0.01 min
Lab File: BG042627.D
Acq: 31 Aug 2019 10:05

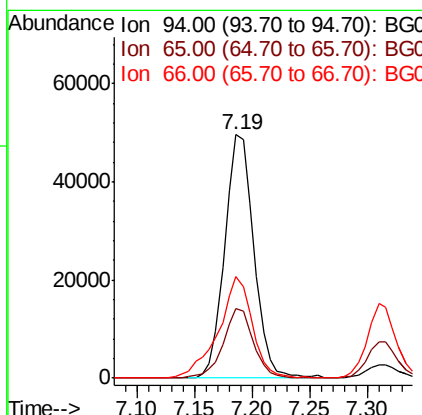
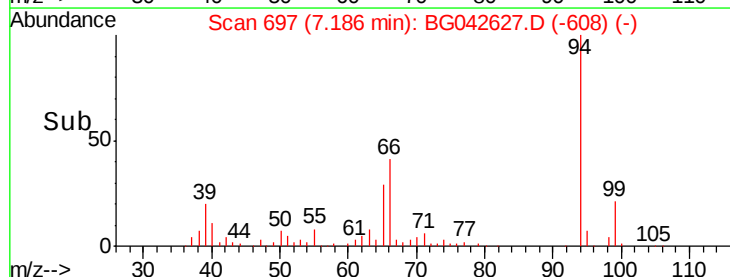
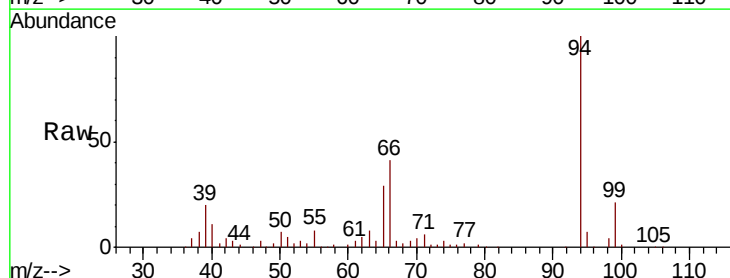
Instrument :
BNA_G
ClientSampleId :
PB122684BSD

Tot Ion: 77 Resp: 17491
Ion Ratio Lower Upper
77 100
105 116.4 93.4 133.4
106 114.7 88.4 128.4



#10
Phenol
Concen: 40.260 ng
RT: 7.19 min Scan# 697
Delta R.T. -0.01 min
Lab File: BG042627.D
Acq: 31 Aug 2019 10:05

Tgt Ion: 94 Resp: 87042
Ion Ratio Lower Upper
94 100
65 28.6 5.6 45.6
66 41.5 16.0 56.0





#11

bis(2-Chloroethyl)ether

Concen: 36.838 ng

RT: 7.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BG042627.D

Acq: 31 Aug 2019 10:05

Instrument :

BNA_G

ClientSampleId :

PB122684BSD

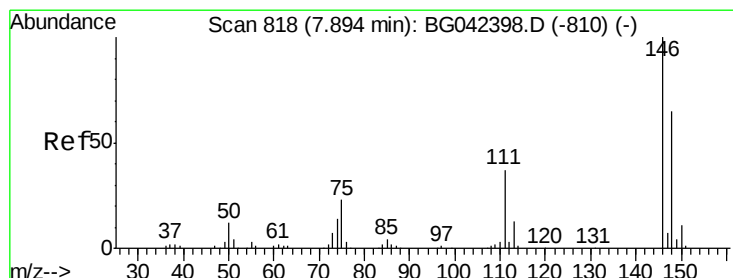
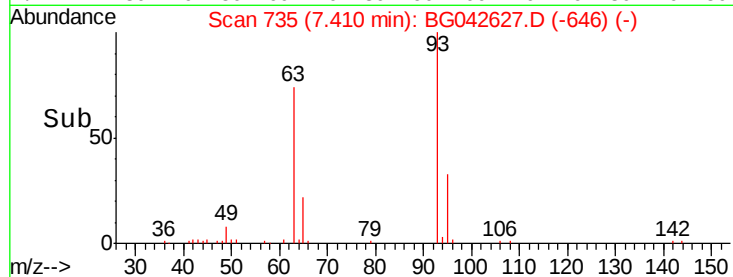
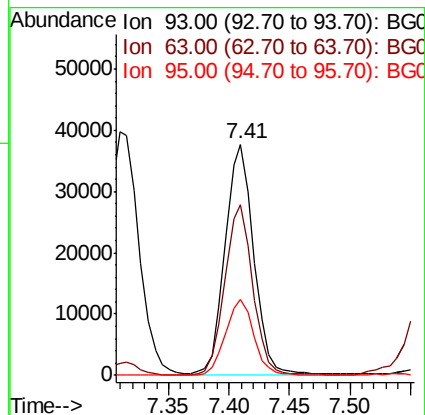
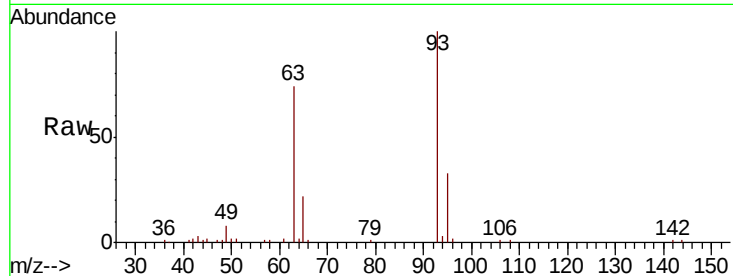
Tot Ion: 93 Resp: 62549

Ion Ratio Lower Upper

93 100

63 73.9 53.8 93.8

95 33.1 13.1 53.1



#12

1,3-Dichlorobenzene

Concen: 38.023 ng

RT: 7.89 min Scan# 816

Delta R.T. -0.01 min

Lab File: BG042627.D

Acq: 31 Aug 2019 10:05

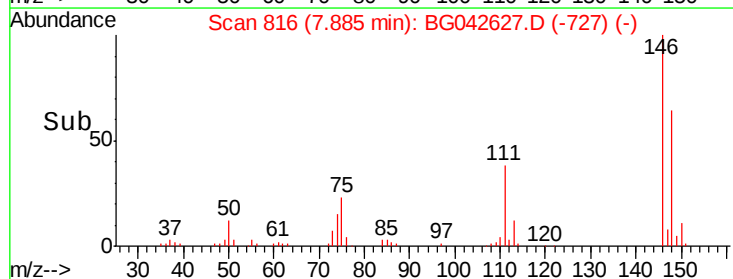
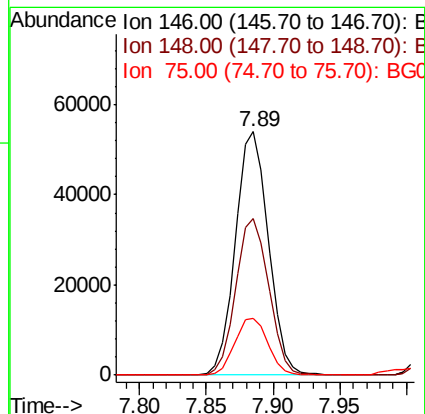
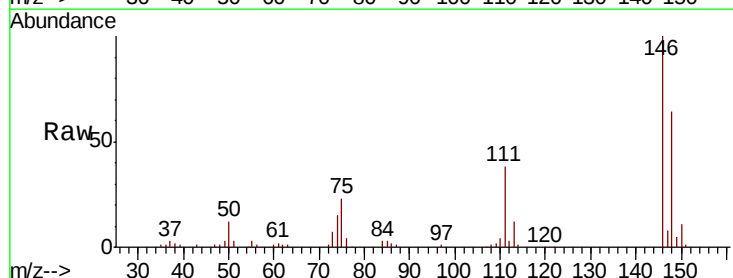
Tgt Ion: 146 Resp: 92282

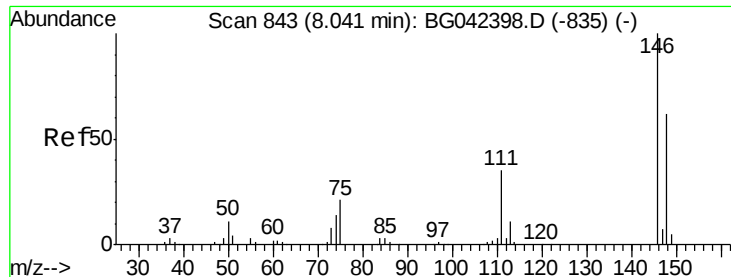
Ion Ratio Lower Upper

146 100

148 64.2 52.2 78.2

75 23.4 18.0 27.0

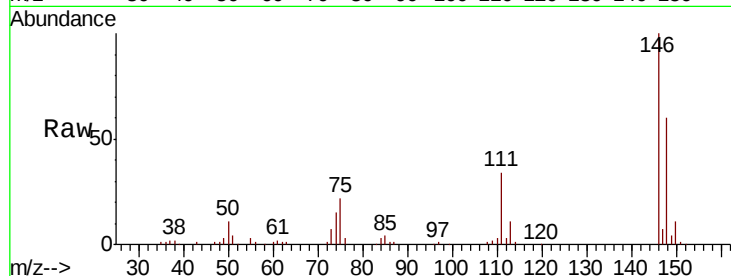




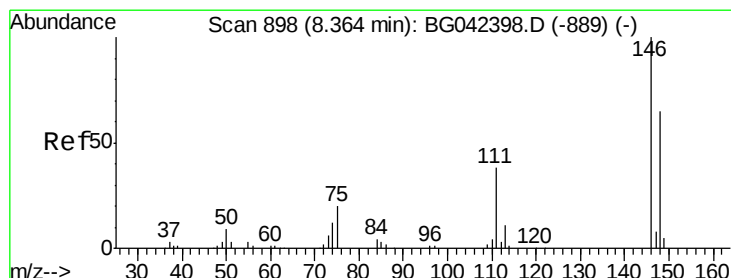
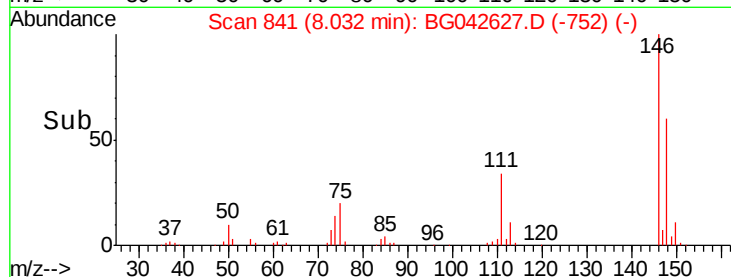
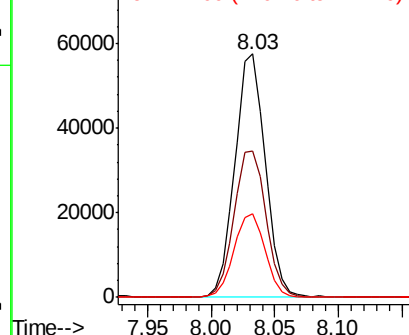
#13
 1,4-Dichlorobenzene
 Concen: 38.804 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG042627.D
 Acq: 31 Aug 2019 10:05

Instrument :
 BNA_G
 ClientSampleId :
 PB122684BSD

Tot Ion:146 Resp: 95394
 Ion Ratio Lower Upper
 146 100
 148 60.1 49.5 74.3
 111 34.2 28.1 42.1

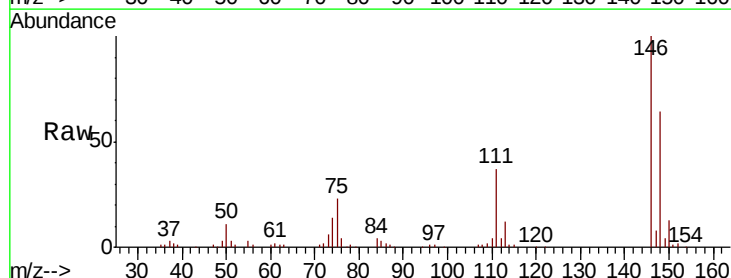


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

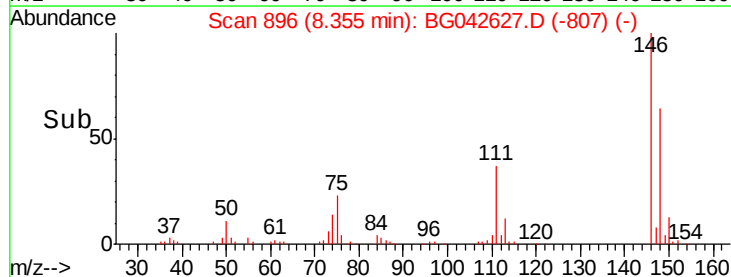
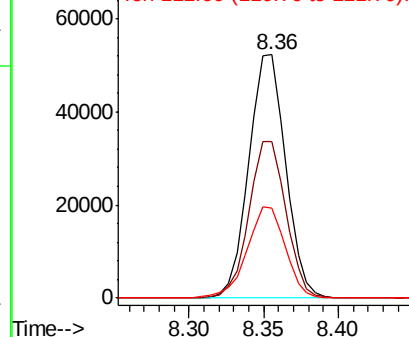


#14
 1,2-Dichlorobenzene
 Concen: 37.897 ng
 RT: 8.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG042627.D
 Acq: 31 Aug 2019 10:05

Tgt Ion:146 Resp: 89218
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.8 77.6
 111 37.1 30.9 46.3



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





#15

Benzyl Alcohol

Concen: 39.019 ng

RT: 8.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BG042627.D

Acq: 31 Aug 2019 10:05

Instrument :

BNA_G

ClientSampleId :

PB122684BSD

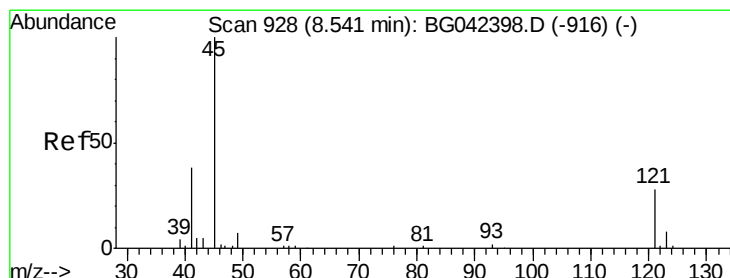
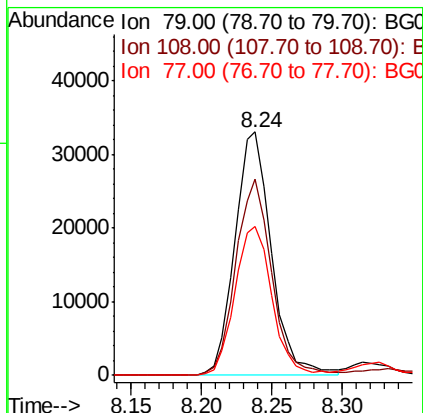
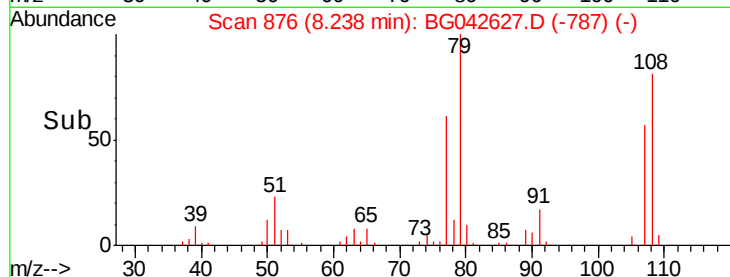
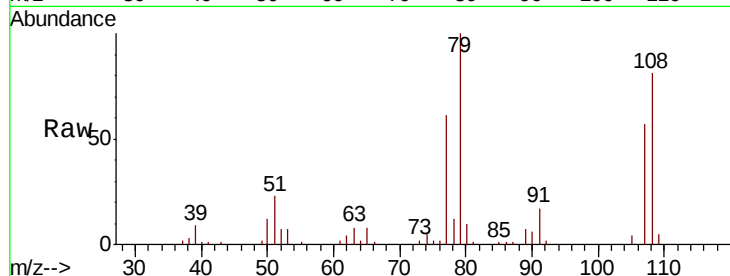
Tot Ion: 79 Resp: 59692

Ion Ratio Lower Upper

79 100

108 80.5 67.4 101.2

77 61.2 50.8 76.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.800 ng

RT: 8.52 min Scan# 924

Delta R.T. -0.02 min

Lab File: BG042627.D

Acq: 31 Aug 2019 10:05

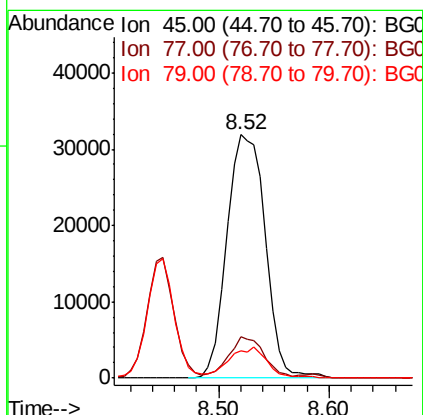
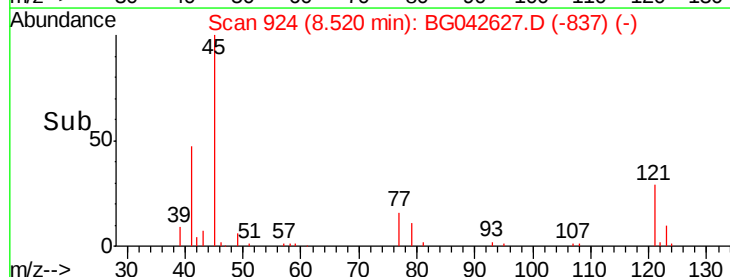
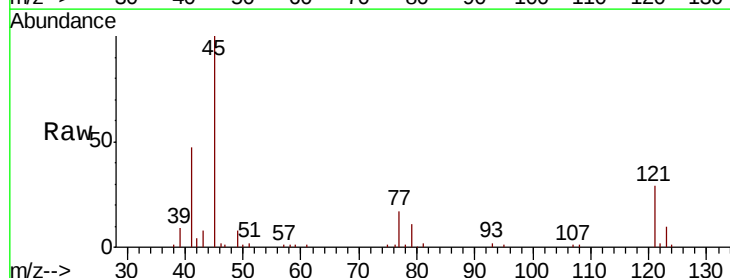
Tgt Ion: 45 Resp: 77786

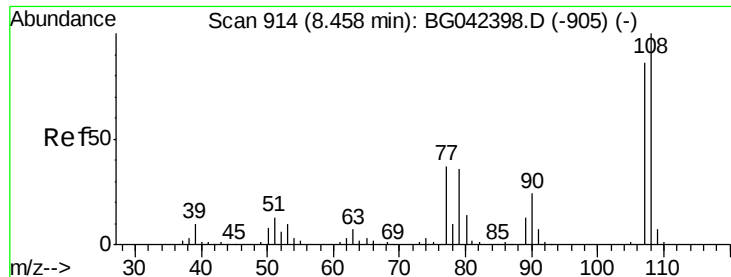
Ion Ratio Lower Upper

45 100

77 17.3 0.0 35.6

79 11.4 0.0 31.6

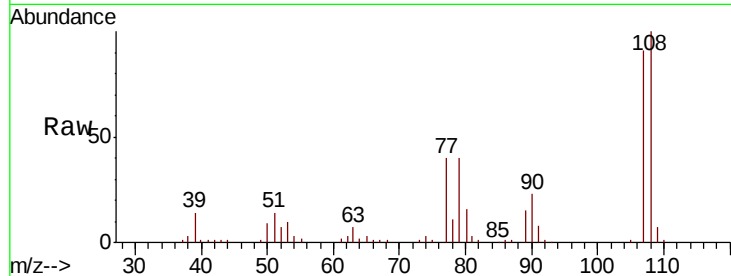




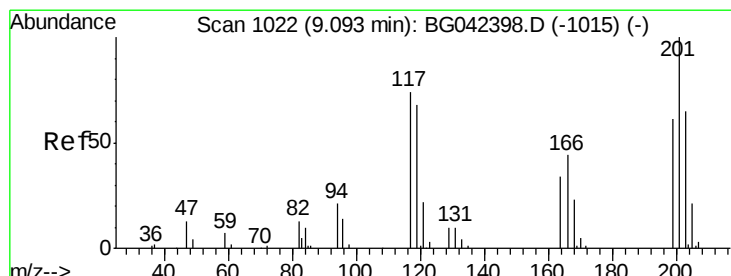
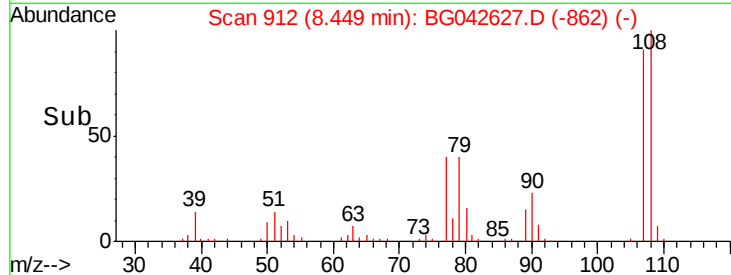
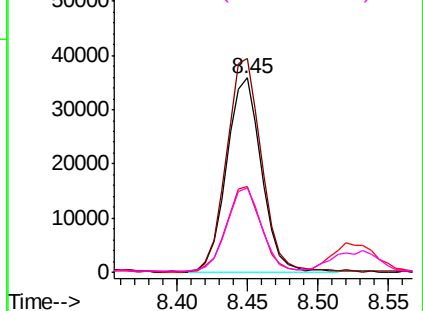
#17
2-Methylphenol
Concen: 38.880 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG042627.D
Acq: 31 Aug 2019 10:05

Instrument :
BNA_G
ClientSampleId :
PB122684BSD

Tot Ion:107 Resp: 61913
Ion Ratio Lower Upper
107 100
108 110.0 92.9 139.3
77 44.2 34.4 51.6
79 43.5 33.8 50.6

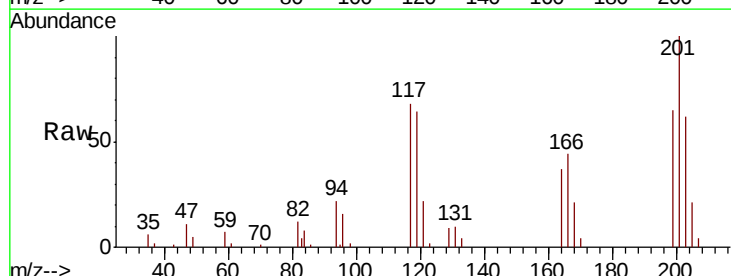


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

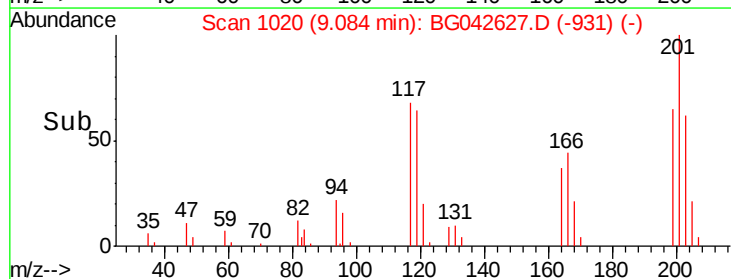
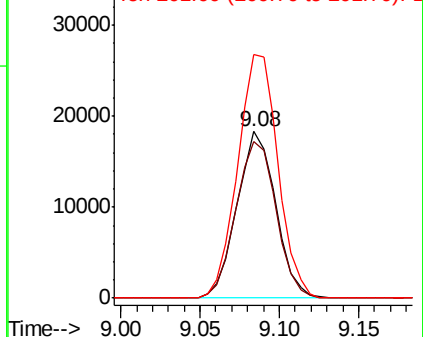


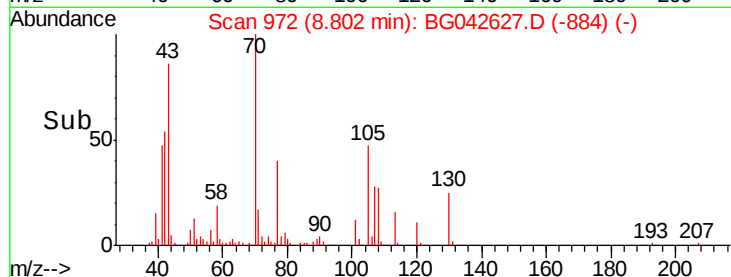
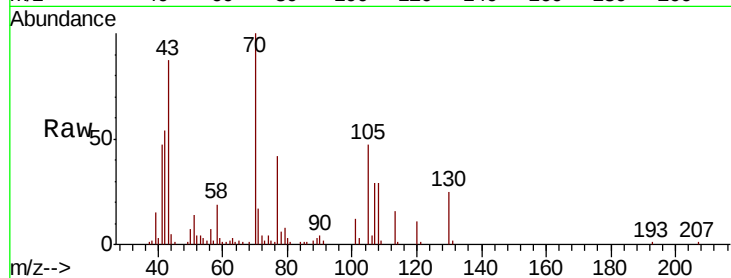
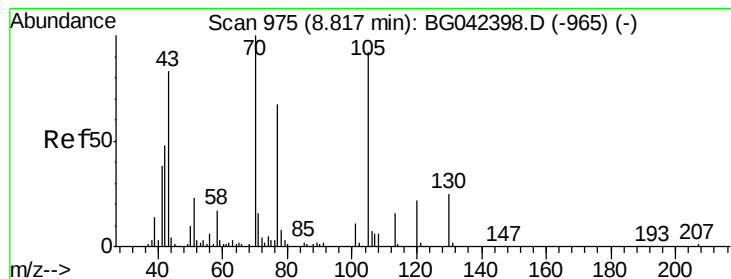
#18
Hexachloroethane
Concen: 36.831 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG042627.D
Acq: 31 Aug 2019 10:05

Tgt Ion:117 Resp: 30997
Ion Ratio Lower Upper
117 100
119 94.1 73.8 110.8
201 146.4 108.3 162.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.179 ng

RT: 8.80 min Scan# 972

Delta R.T. -0.01 min

Lab File: BG042627.D

Acq: 31 Aug 2019 10:05

Instrument :

BNA_G

ClientSampleId :

PB122684BSD

Tot Ion: 70 Resp: 48462

Ion Ratio Lower Upper

70 100

42 54.1 38.8 58.2

101 12.5 9.0 13.6

130 25.4 20.0 30.0

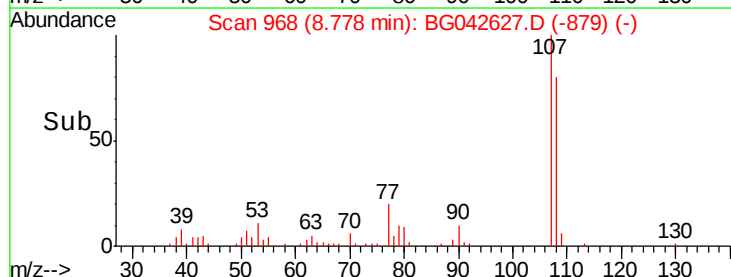
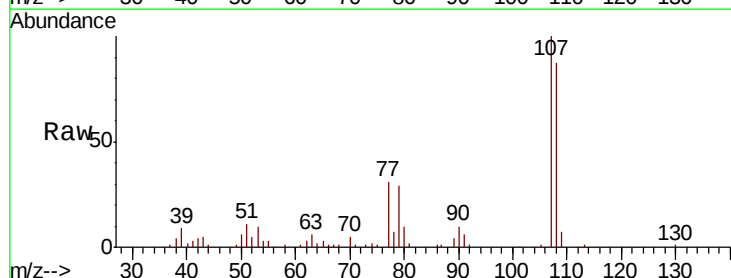
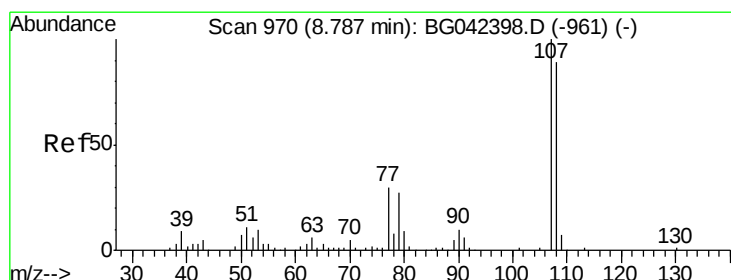
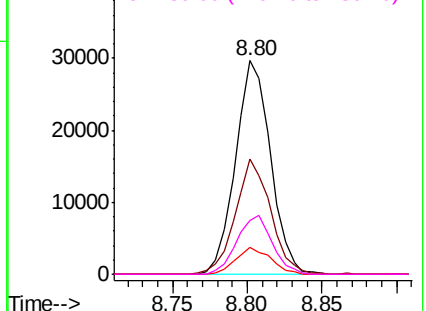
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 38.811 ng

RT: 8.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BG042627.D

Acq: 31 Aug 2019 10:05

Tgt Ion: 107 Resp: 85520

Ion Ratio Lower Upper

107 100

108 87.0 68.7 108.7

77 30.5 10.2 50.2

79 29.0 6.9 46.9

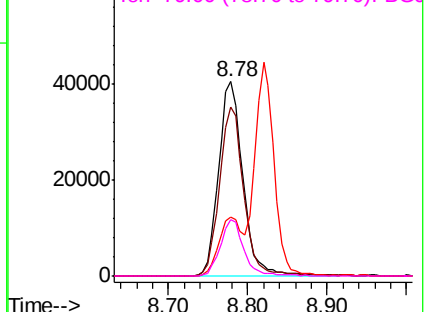
Abundance

Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BG042627.D

Acq: 31 Aug 2019 10:05

Instrument :

BNA_G

ClientSampleId :

PB122684BSD

Tot Ion:136 Resp: 119256

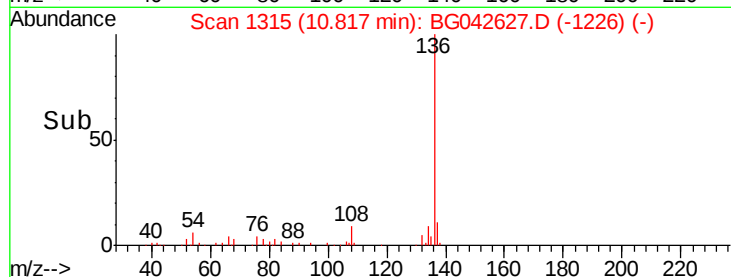
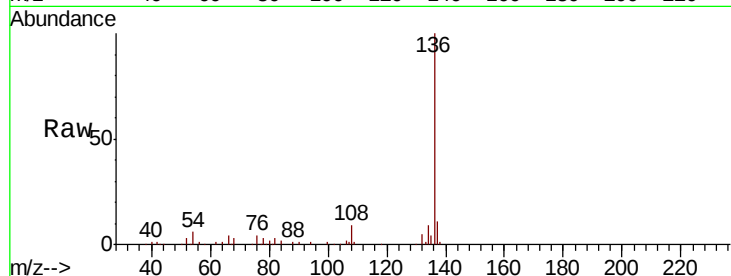
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.1 4.9 7.3

68 3.0 3.6 5.4#



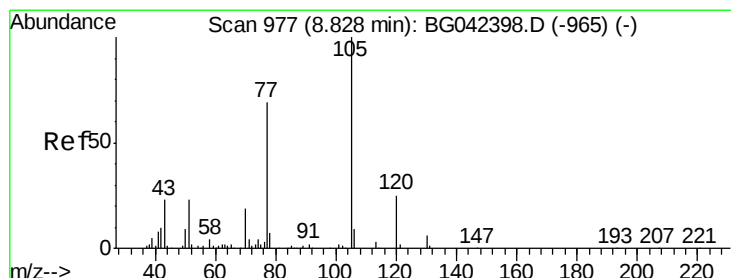
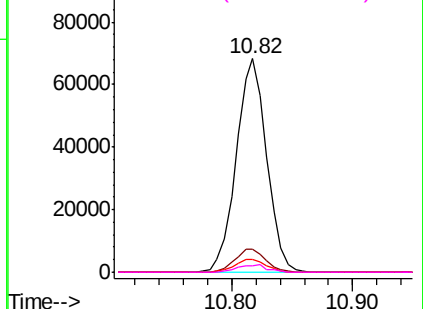
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 42.620 ng

RT: 8.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BG042627.D

Acq: 31 Aug 2019 10:05

Tgt Ion:105 Resp: 108710

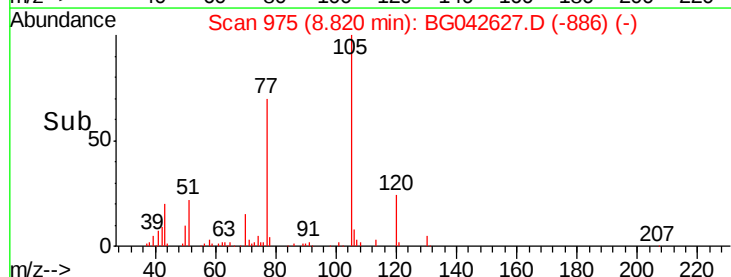
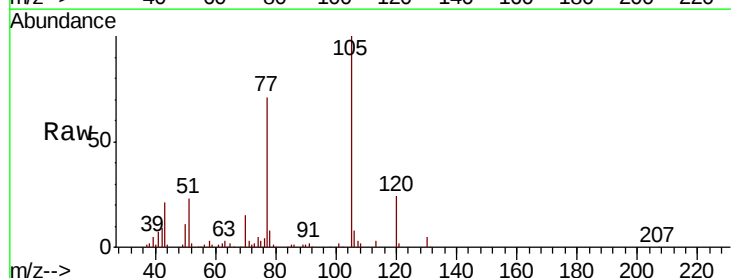
Ion Ratio Lower Upper

105 100

71 2.6 2.8 4.2#

51 22.6 18.7 28.1

120 24.5 20.1 30.1



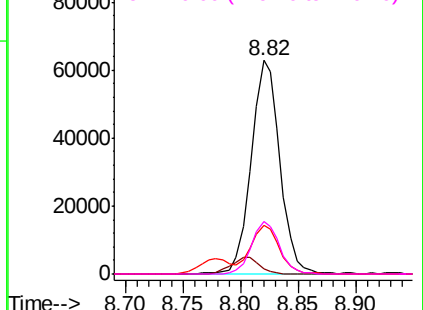
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

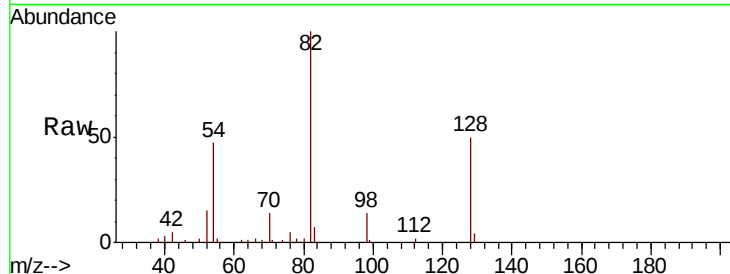




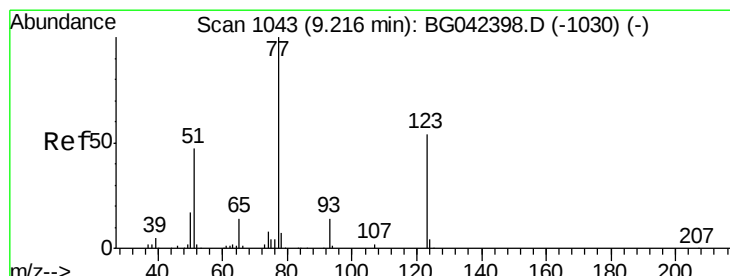
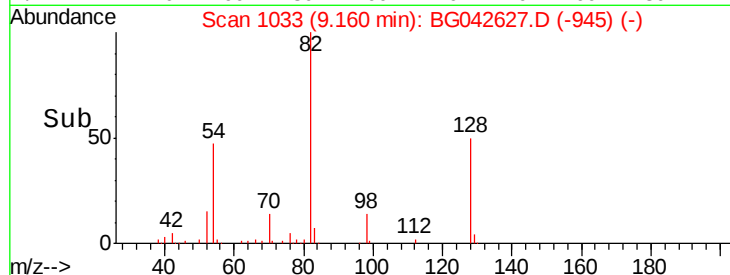
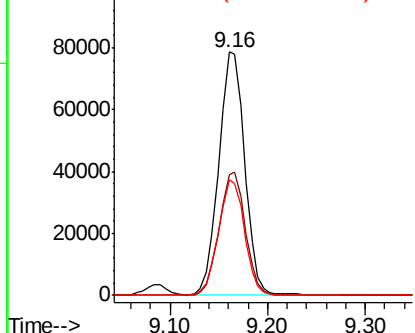
#23
Nitrobenzene-d5
Concen: 84.241 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG042627.D
Acq: 31 Aug 2019 10:05

Instrument :
BNA_G
ClientSampleId :
PB122684BSD

Tot Ion: 82 Resp: 145378
Ion Ratio Lower Upper
82 100
128 49.6 40.7 61.1
54 47.4 36.3 54.5

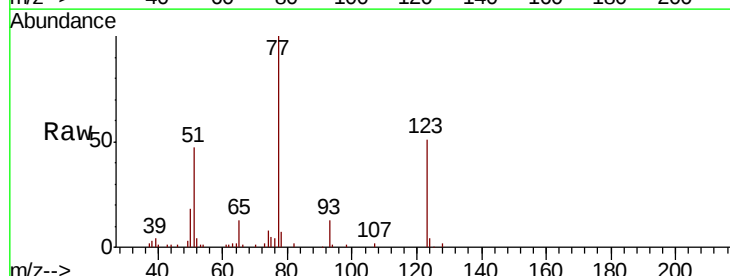


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

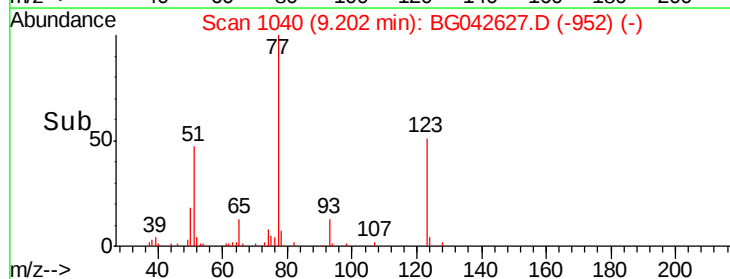
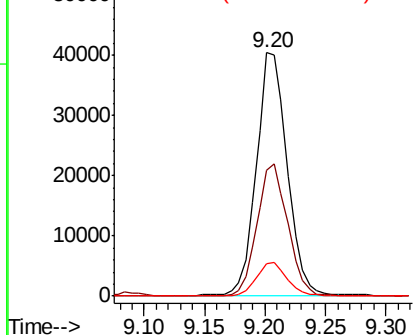


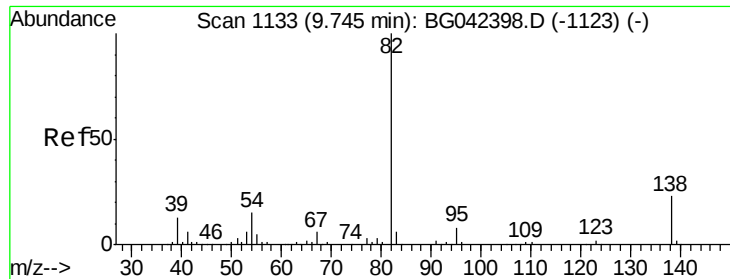
#24
Nitrobenzene
Concen: 41.175 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG042627.D
Acq: 31 Aug 2019 10:05

Tgt Ion: 77 Resp: 71955
Ion Ratio Lower Upper
77 100
123 51.5 43.4 65.0
65 13.1 11.0 16.6



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





#25

Isophorone

Concen: 38.287 ng

RT: 9.73 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BG042627.D

Acq: 31 Aug 2019 10:05

Instrument :

BNA_G

ClientSampleId :

PB122684BSD

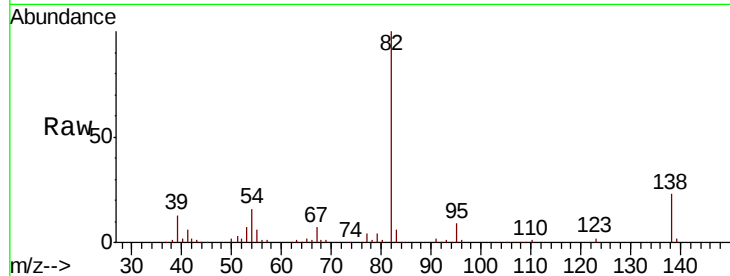
Tot Ion: 82 Resp: 130399

Ion Ratio Lower Upper

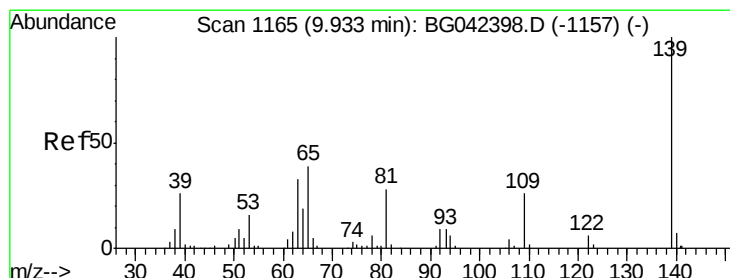
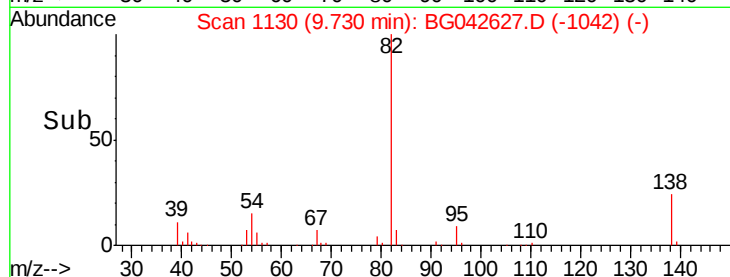
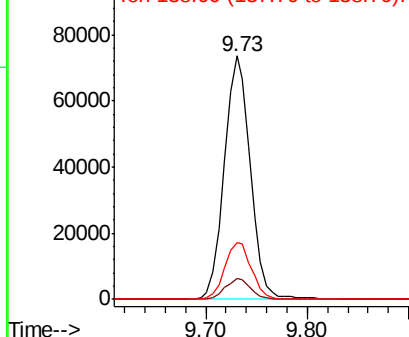
82 100

95 8.8 6.6 9.8

138 23.5 18.6 27.8



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



#26

2-Nitrophenol

Concen: 43.512 ng

RT: 9.92 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BG042627.D

Acq: 31 Aug 2019 10:05

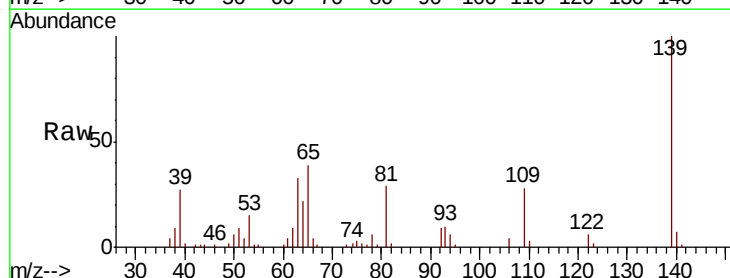
Tgt Ion: 139 Resp: 47652

Ion Ratio Lower Upper

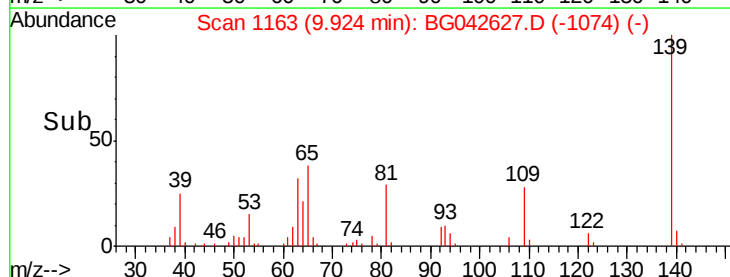
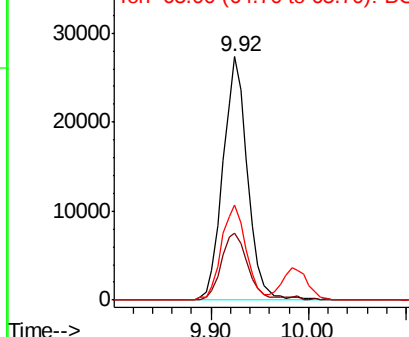
139 100

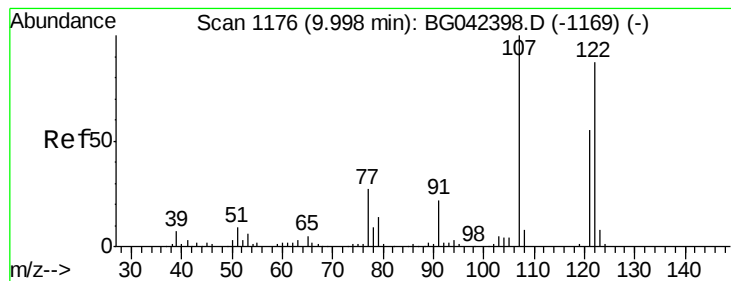
109 27.7 20.5 30.7

65 39.3 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: 48.059 ng

RT: 9.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BG042627.D

Acq: 31 Aug 2019 10:05

Instrument :

BNA_G

ClientSampleId :

PB122684BSD

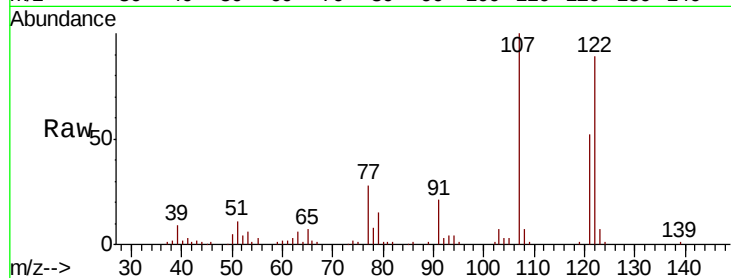
Tot Ion:122 Resp: 72499

Ion Ratio Lower Upper

122 100

107 113.0 90.8 136.2

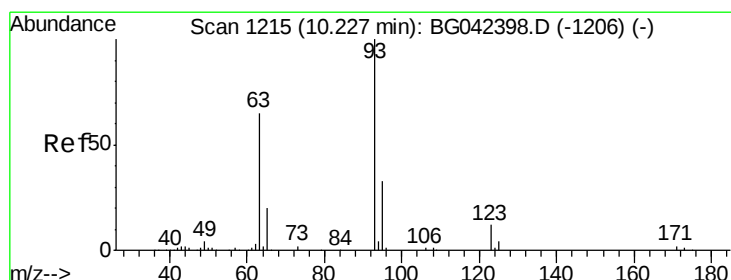
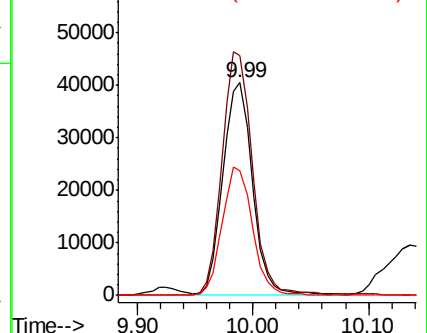
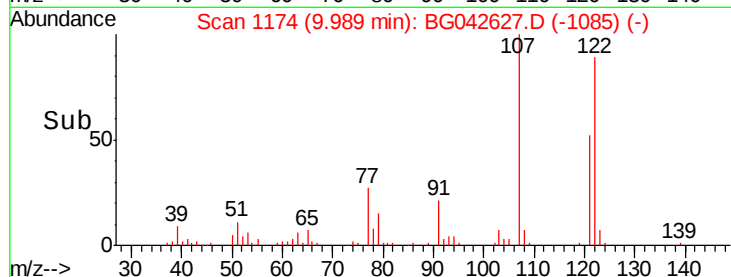
121 58.3 49.6 74.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.153 ng

RT: 10.21 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BG042627.D

Acq: 31 Aug 2019 10:05

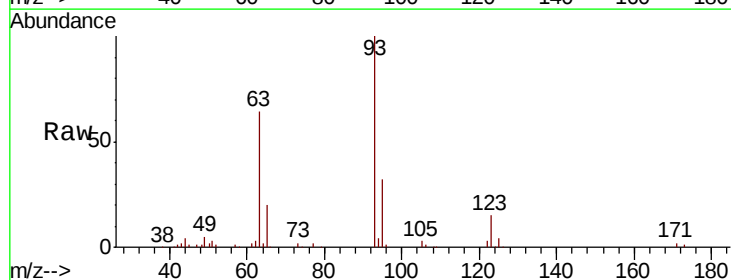
Tgt Ion: 93 Resp: 81899

Ion Ratio Lower Upper

93 100

95 32.2 26.6 40.0

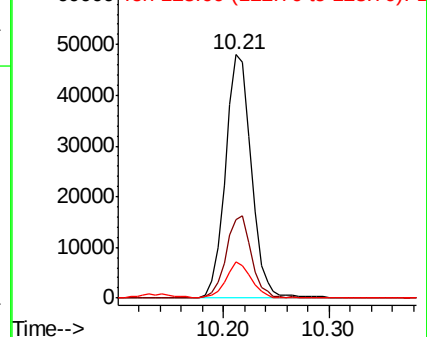
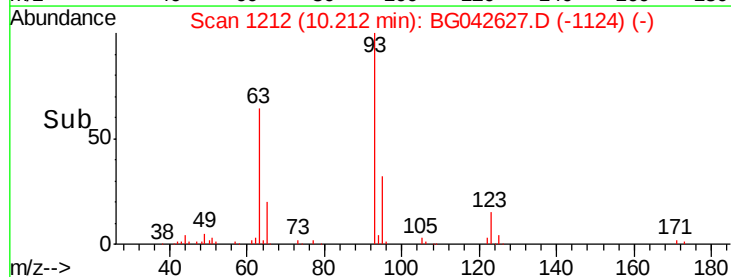
123 14.8 10.1 15.1

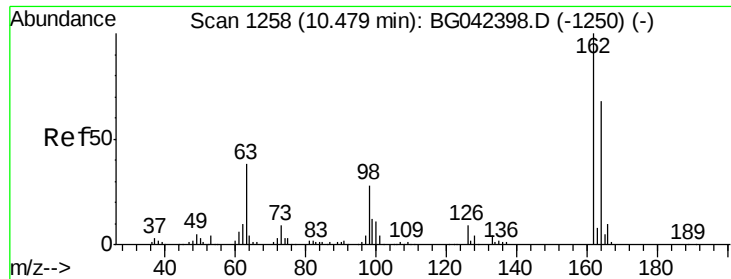


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

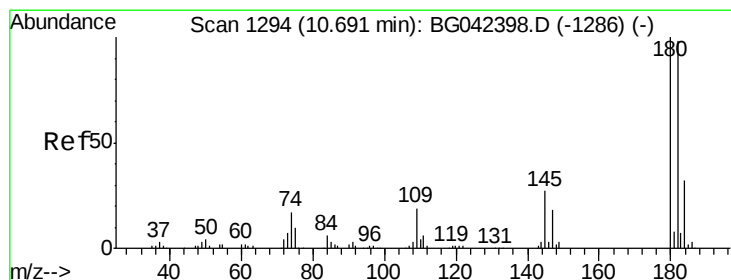
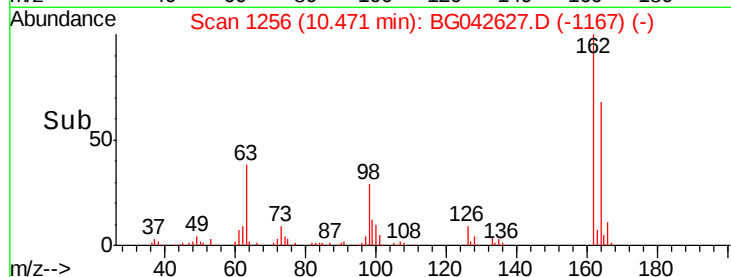
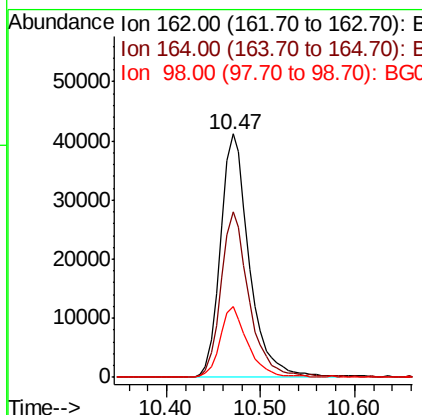
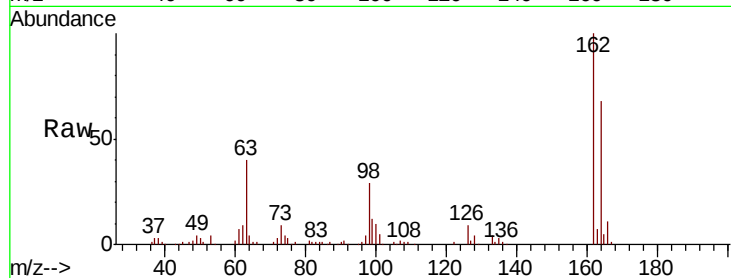




#29
 2,4-Dichlorophenol
 Concen: 44.493 ng
 RT: 10.47 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BG042627.D
 Acq: 31 Aug 2019 10:05

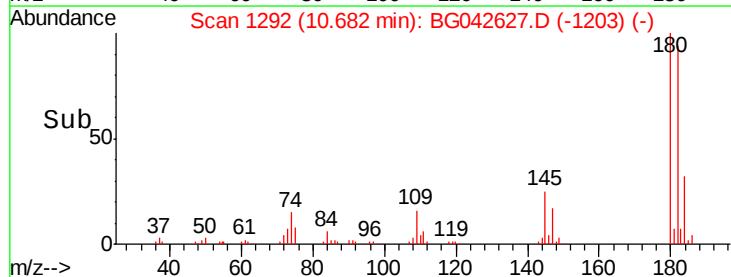
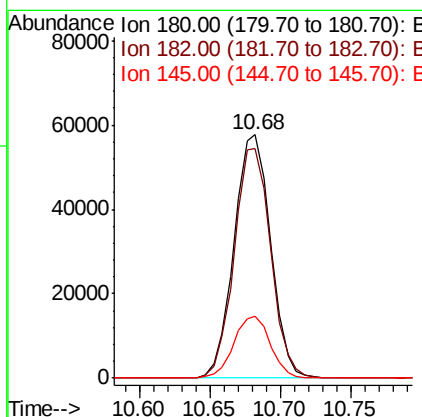
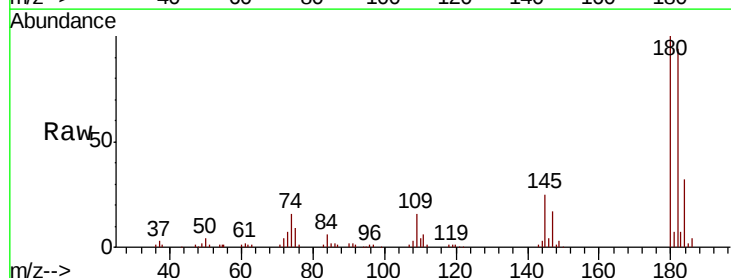
Instrument :
 BNA_G
 ClientSampleId :
 PB122684BSD

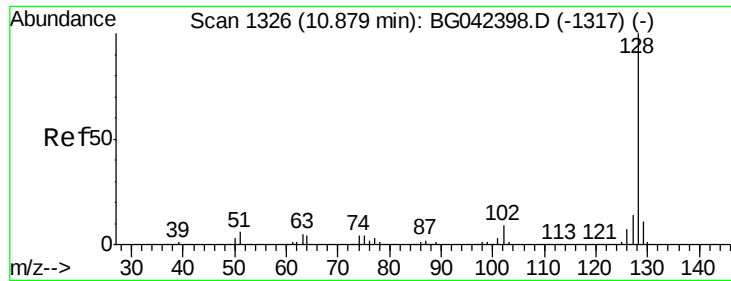
Tot Ion	Ratio	Lower	Upper
162	100		
164	68.3	48.1	88.1
98	28.9	7.6	47.6



#30
 1,2,4-Trichlorobenzene
 Concen: 43.018 ng
 RT: 10.68 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BG042627.D
 Acq: 31 Aug 2019 10:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	78.7	118.1
145	25.3	21.6	32.4

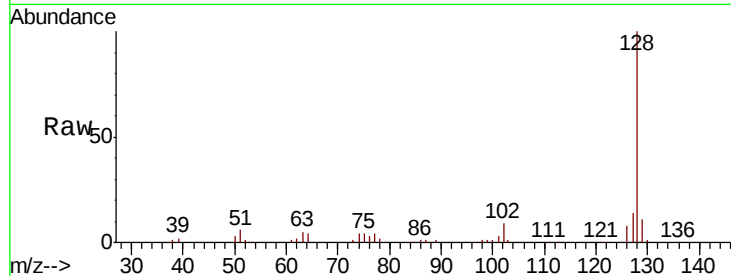




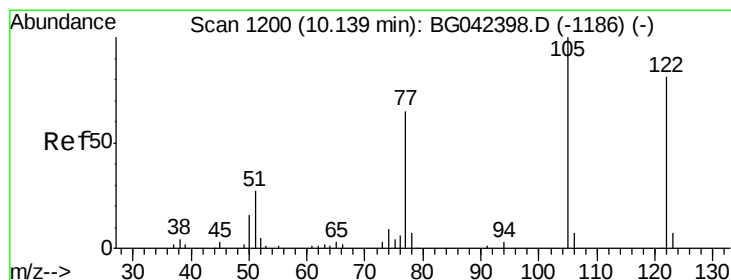
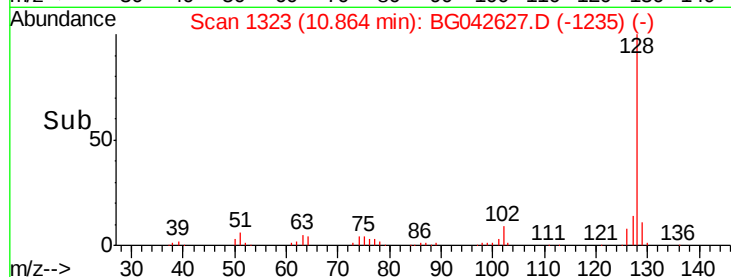
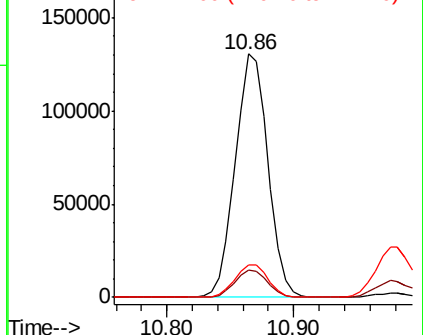
#31
Naphthalene
Concen: 42.004 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG042627.D
Acq: 31 Aug 2019 10:05

Instrument :
BNA_G
ClientSampleId :
PB122684BSD

Tot Ion:128 Resp: 232567
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.6 11.4 17.0

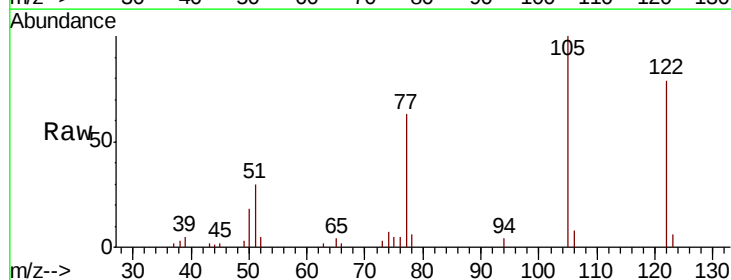


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

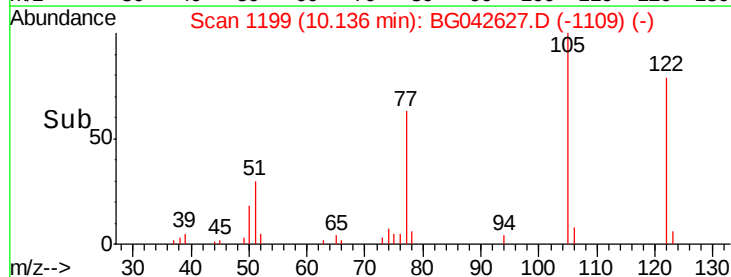
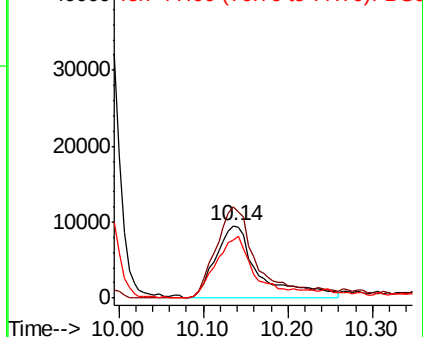


#32
Benzoic acid
Concen: 34.065 ng
RT: 10.14 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BG042627.D
Acq: 31 Aug 2019 10:05

Tgt Ion:122 Resp: 34167
Ion Ratio Lower Upper
122 100
105 126.7 99.6 139.6
77 79.8 59.5 99.5



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

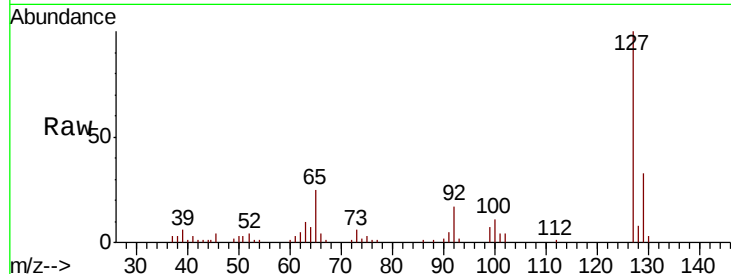




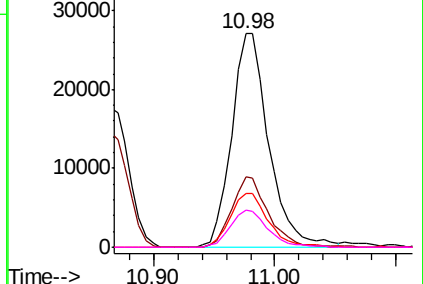
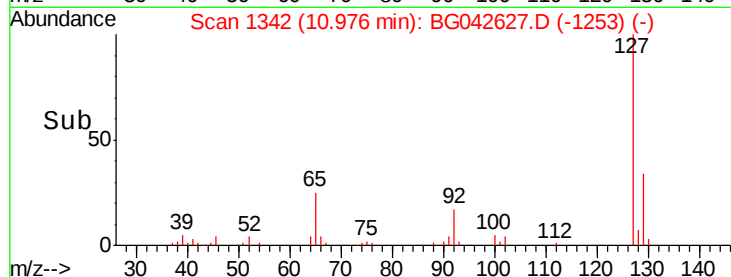
#33
4-Chloroaniline
Concen: 22.667 ng
RT: 10.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG042627.D
Acq: 31 Aug 2019 10:05

Instrument :
BNA_G
ClientSampleId :
PB122684BSD

Tot Ion:	127	Resp:	57935
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.8	40.2
65	25.2	20.7	31.1
92	17.2	13.6	20.4

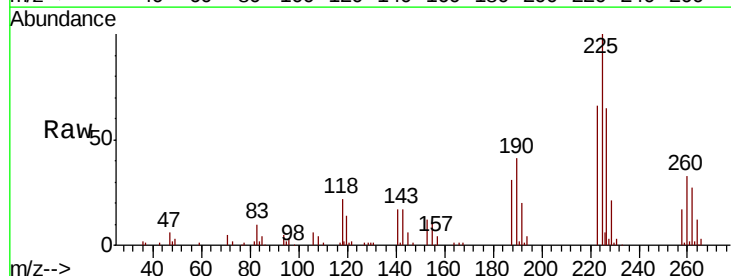


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

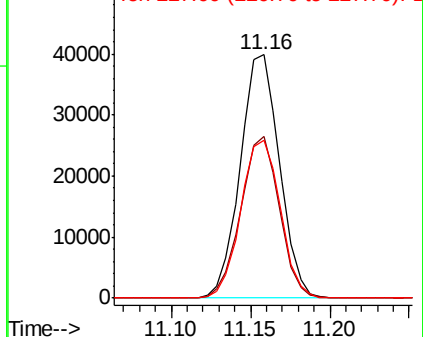
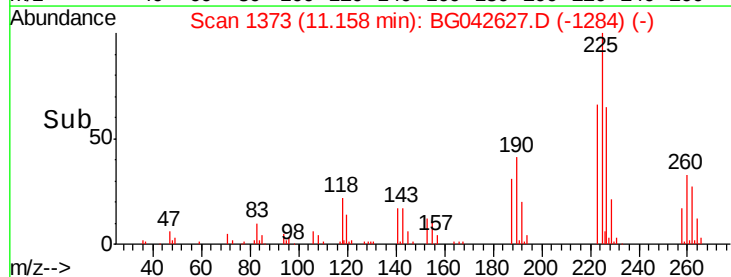


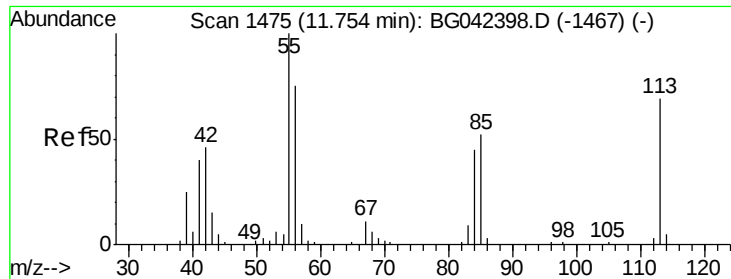
#34
Hexachlorobutadiene
Concen: 42.137 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG042627.D
Acq: 31 Aug 2019 10:05

Tgt Ion:	225	Resp:	68605
Ion	Ratio	Lower	Upper
225	100		
223	66.4	49.8	74.6
227	64.9	50.9	76.3



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

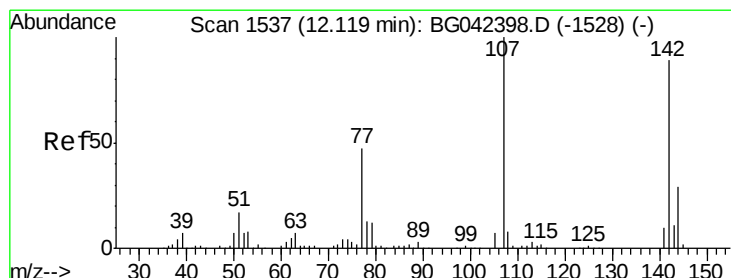
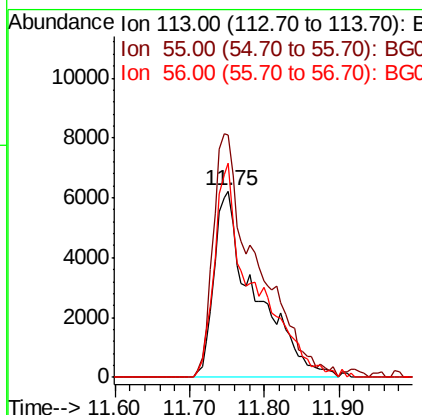
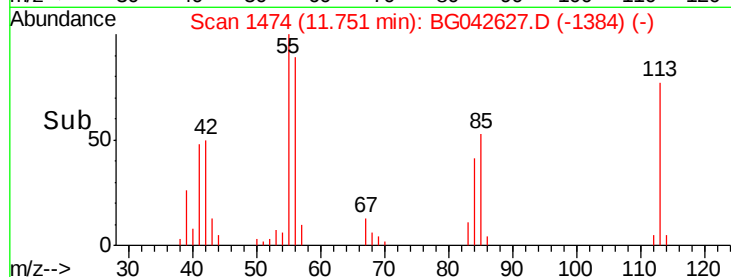
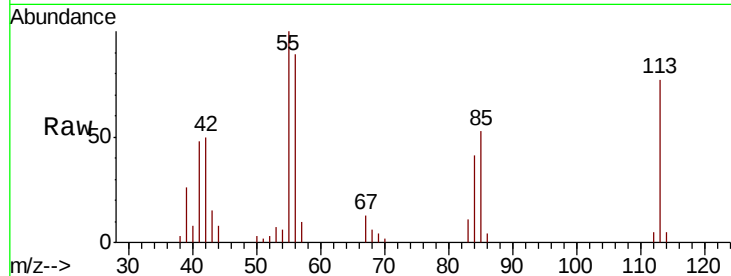




#35
 Caprolactam
 Concen: 36.123 ng
 RT: 11.75 min Scan# 1474
 Delta R.T. -0.00 min
 Lab File: BG042627.D
 Acq: 31 Aug 2019 10:05

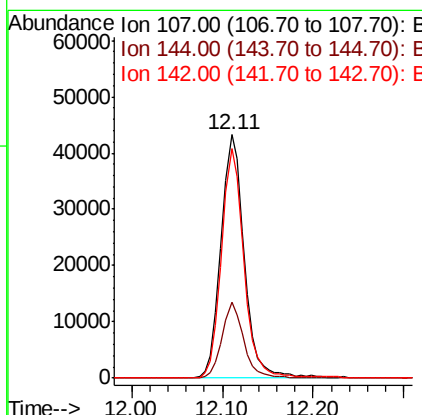
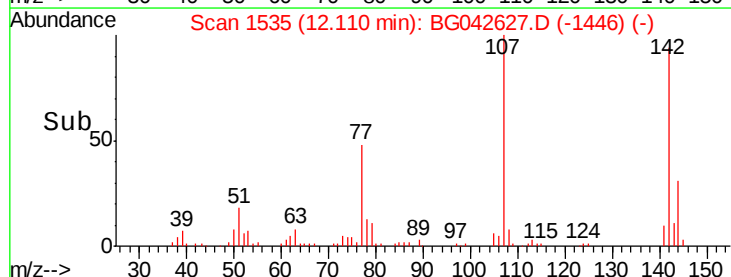
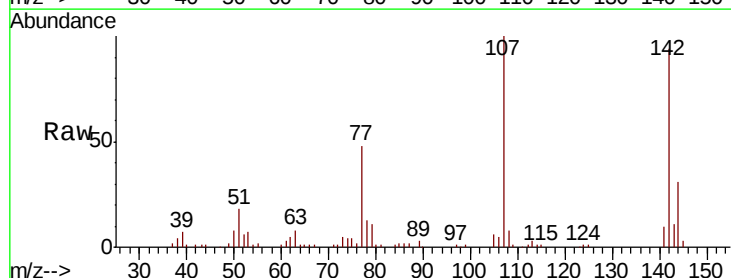
Instrument :
 BNA_G
 ClientSampleId :
 PB122684BSD

Tot Ion:113 Resp: 23790
 Ion Ratio Lower Upper
 113 100
 55 130.1 124.6 164.6
 56 115.2 88.3 128.3



#36
 4-Chloro-3-methylphenol
 Concen: 41.101 ng
 RT: 12.11 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: BG042627.D
 Acq: 31 Aug 2019 10:05

Tgt Ion:107 Resp: 77008
 Ion Ratio Lower Upper
 107 100
 144 31.0 23.6 35.4
 142 94.5 71.0 106.4

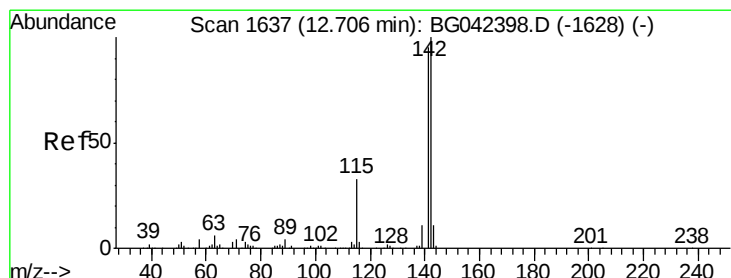
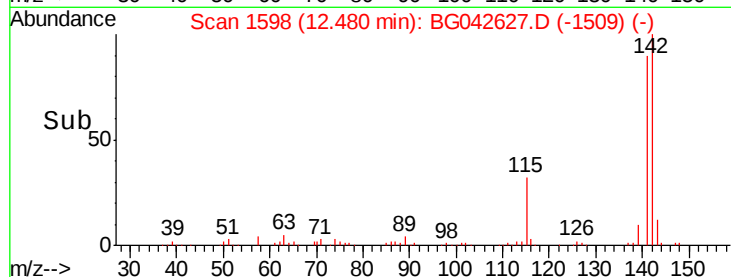
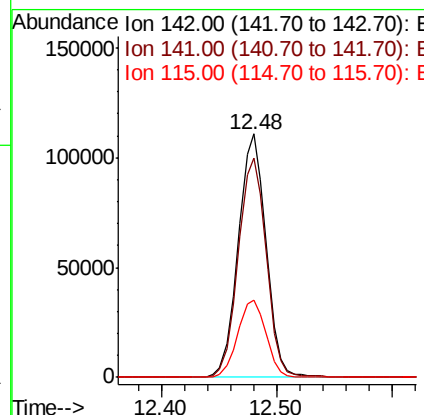
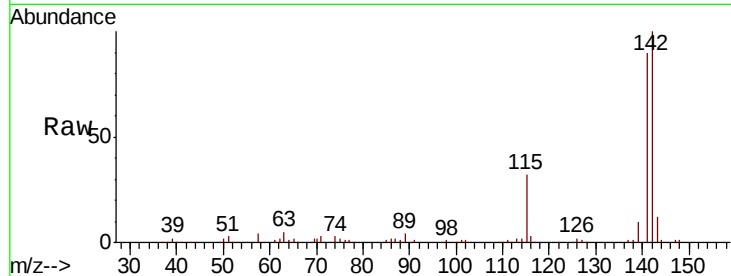




#37
2-Methylnaphthalene
Concen: 41.419 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BG042627.D
Acq: 31 Aug 2019 10:05

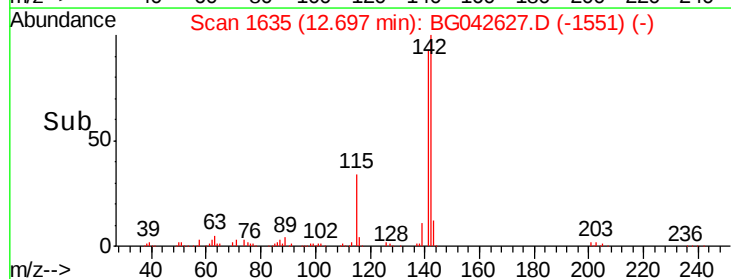
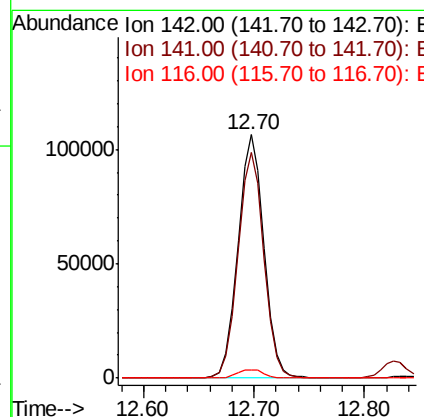
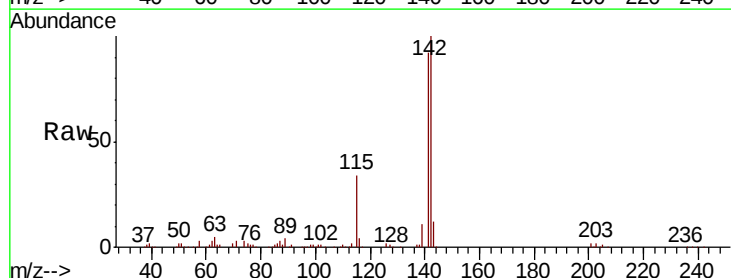
Instrument :
BNA_G
ClientSampleId :
PB122684BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.4	107.2
115	31.8	25.2	37.8



#38
1-Methylnaphthalene
Concen: 41.344 ng
RT: 12.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BG042627.D
Acq: 31 Aug 2019 10:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	76.2	114.2
116	3.6	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BG042627.D

Acq: 31 Aug 2019 10:05

Instrument :

BNA_G

ClientSampleId :

PB122684BSD

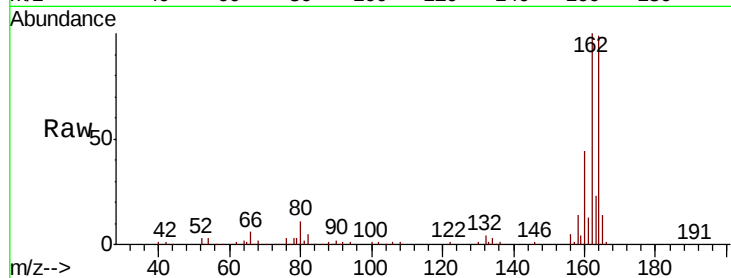
Tot Ion:164 Resp: 79445

Ion Ratio Lower Upper

164 100

162 101.5 79.9 119.9

160 44.2 34.3 51.5

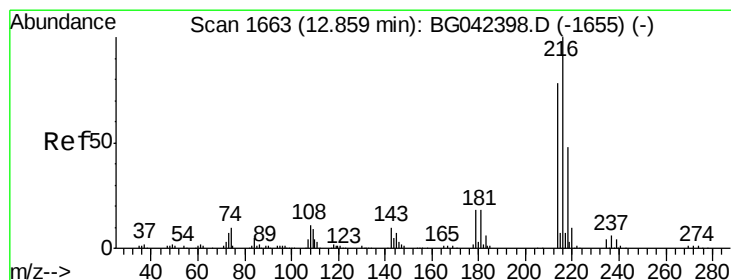
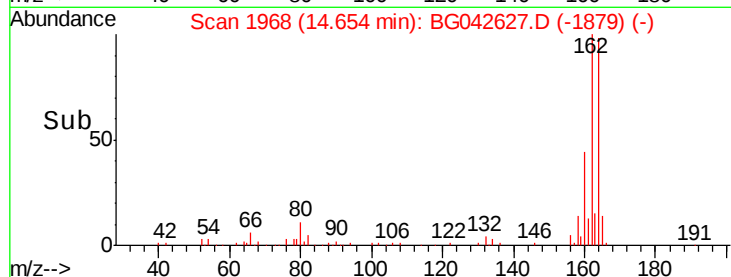
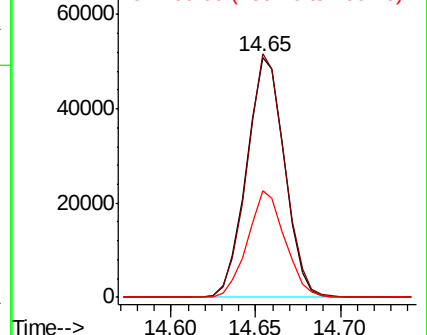


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.323 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BG042627.D

Acq: 31 Aug 2019 10:05

Tgt Ion:216 Resp: 125837

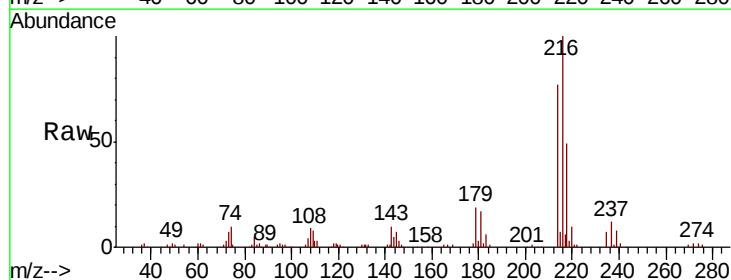
Ion Ratio Lower Upper

216 100

214 76.6 61.4 92.2

179 18.8 15.1 22.7

108 12.2 9.4 14.0



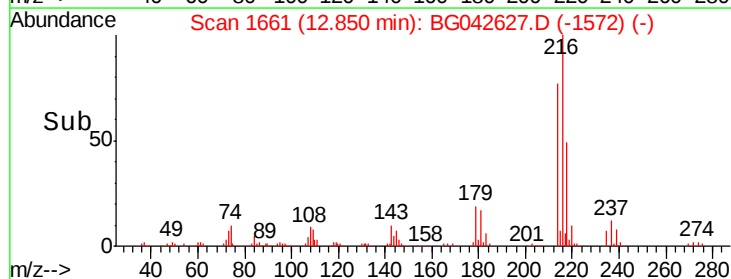
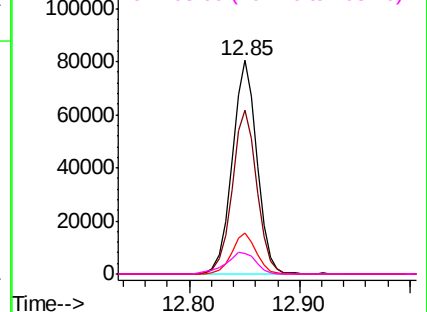
Abundance

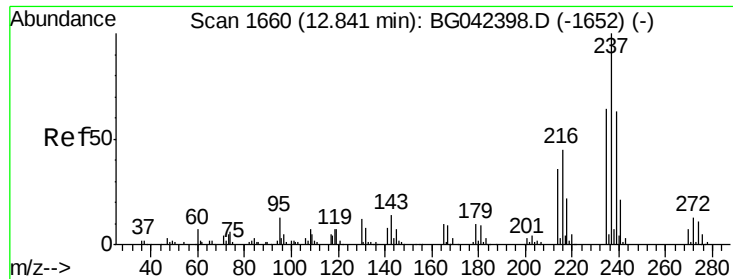
Ion 216.00 (215.70 to 216.70): E

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: 100.207 ng

RT: 12.83 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BG042627.D

Acq: 31 Aug 2019 10:05

Instrument :

BNA_G

ClientSampleId :

PB122684BSD

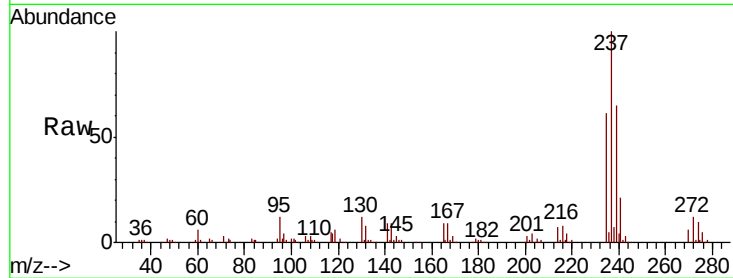
Tot Ion:237 Resp: 134292

Ion Ratio Lower Upper

237 100

235 60.8 43.7 83.7

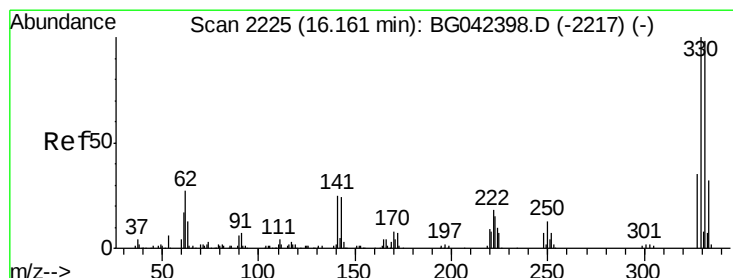
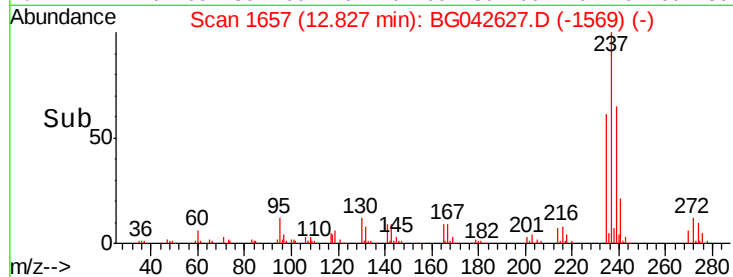
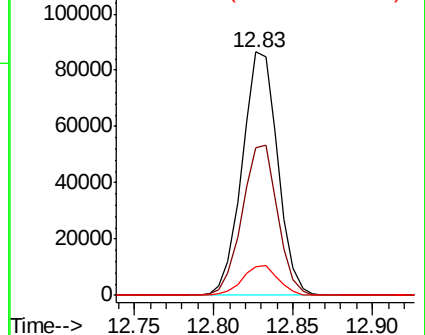
272 11.8 0.0 33.3



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: 92.511 ng

RT: 16.15 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BG042627.D

Acq: 31 Aug 2019 10:05

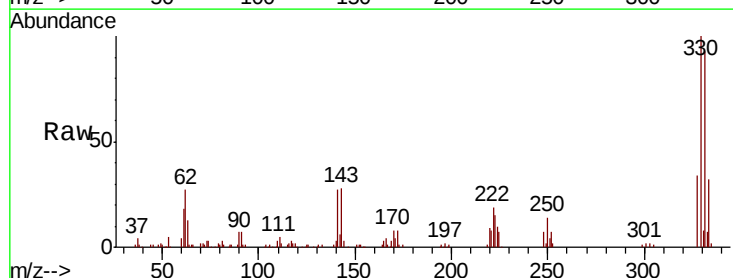
Tgt Ion:330 Resp: 104462

Ion Ratio Lower Upper

330 100

332 94.9 77.4 116.0

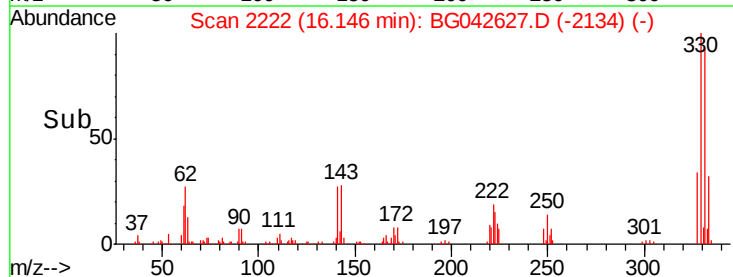
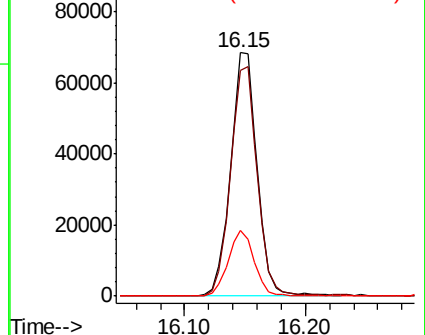
141 26.4 21.4 32.0



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

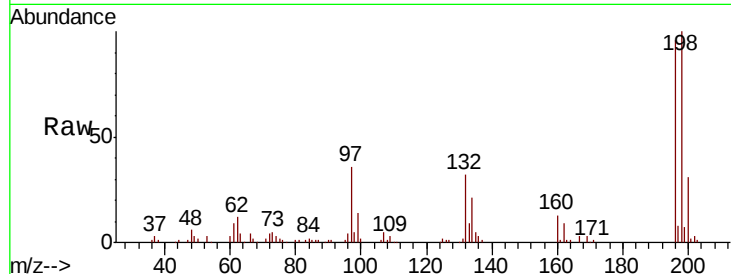




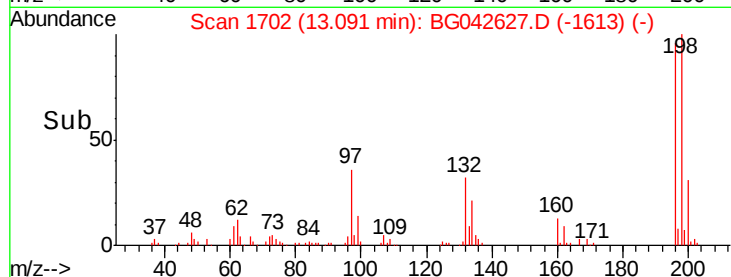
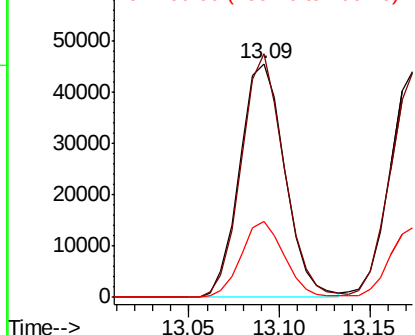
#43
 2,4,6-Trichlorophenol
 Concen: 45.834 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG042627.D
 Acq: 31 Aug 2019 10:05

Instrument :
 BNA_G
 ClientSampleId :
 PB122684BSD

Tot Ion:196 Resp: 79040
 Ion Ratio Lower Upper
 196 100
 198 104.2 80.7 121.1
 200 32.2 25.7 38.5



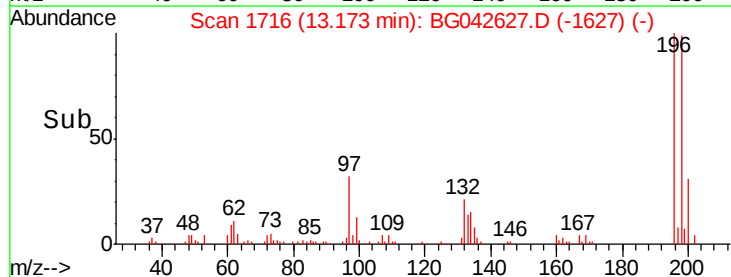
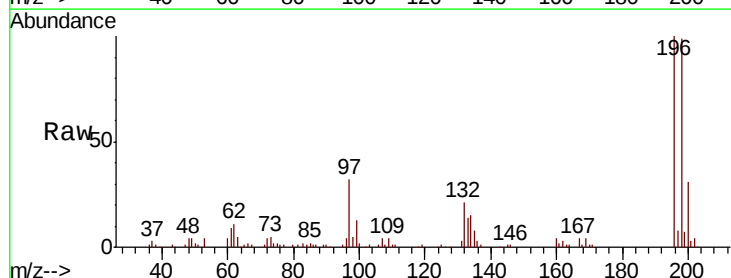
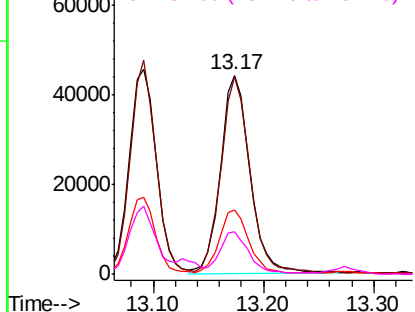
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

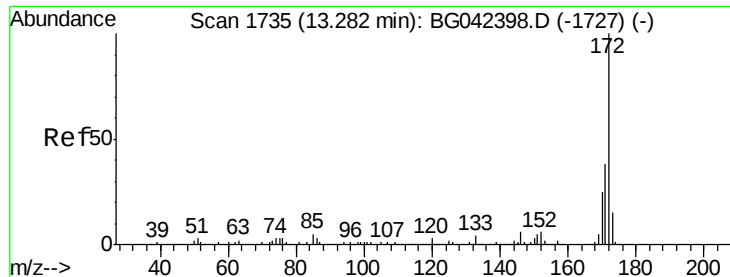


#44
 2,4,5-Trichlorophenol
 Concen: 45.958 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042627.D
 Acq: 31 Aug 2019 10:05

Tgt Ion:196 Resp: 82129
 Ion Ratio Lower Upper
 196 100
 198 99.2 80.2 120.4
 97 32.3 26.3 39.5
 132 21.0 16.6 24.8

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

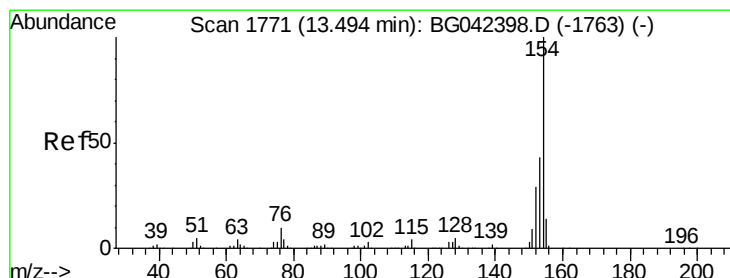
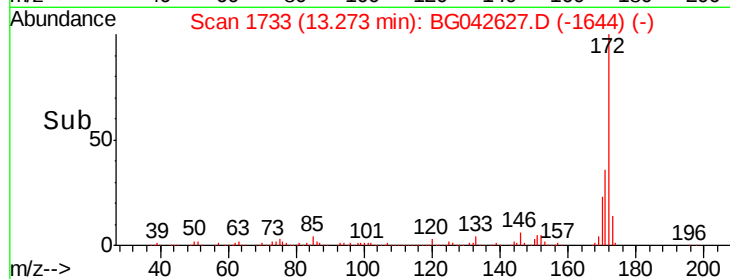
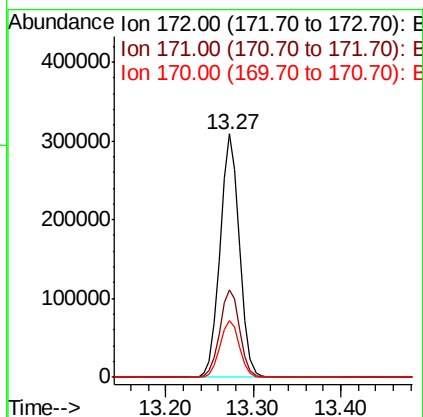
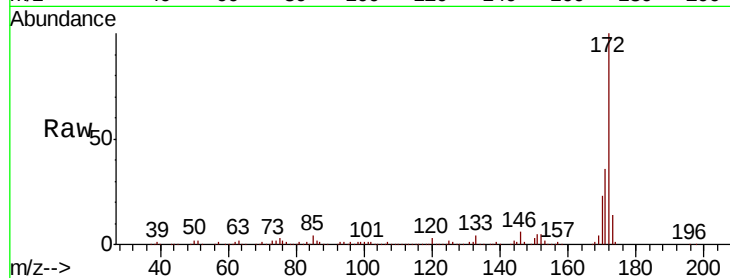




#45
 2-Fluorobiphenyl
 Concen: 100.539 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG042627.D
 Acq: 31 Aug 2019 10:05

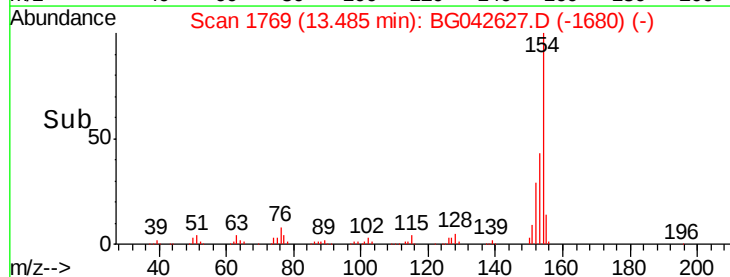
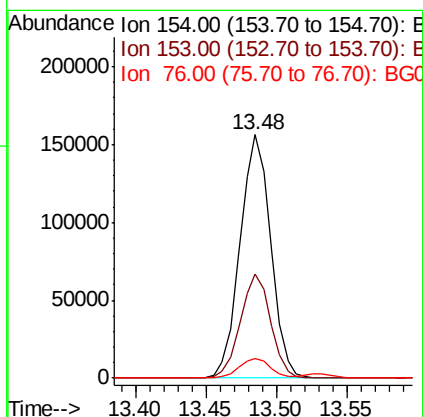
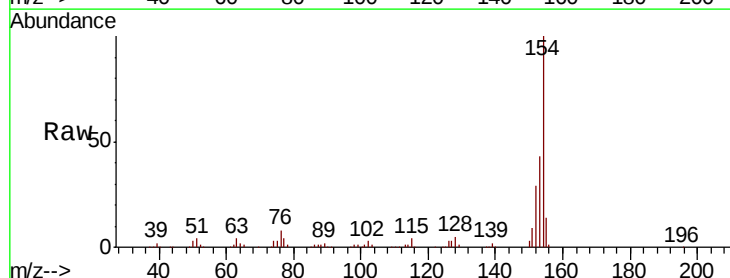
Instrument :
 BNA_G
 ClientSampleId :
 PB122684BSD

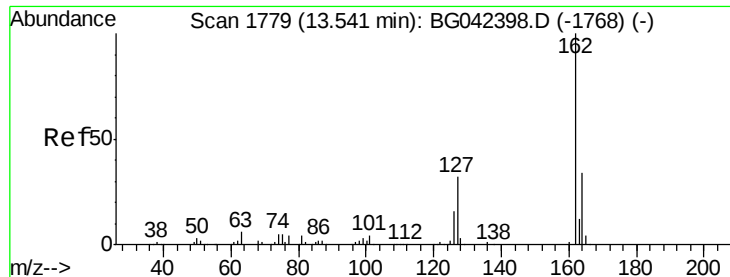
Tot Ion:172 Resp: 472262
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.5 45.7
 170 23.5 20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 46.288 ng
 RT: 13.48 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BG042627.D
 Acq: 31 Aug 2019 10:05

Tgt Ion:154 Resp: 237708
 Ion Ratio Lower Upper
 154 100
 153 43.0 23.0 63.0
 76 8.1 0.0 29.6

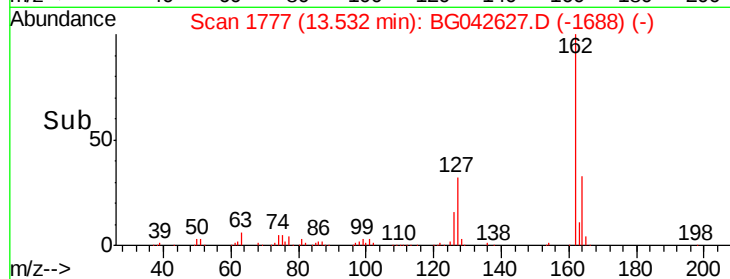
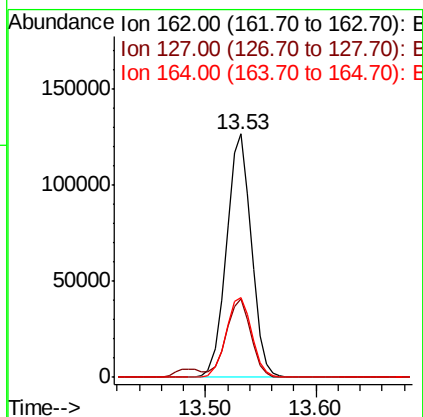
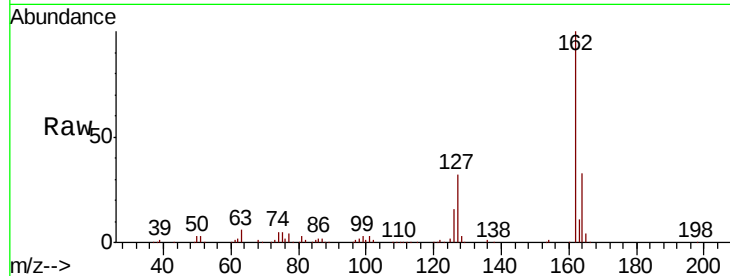




#47
2-Chloronaphthalene
Concen: 45.023 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG042627.D
Acq: 31 Aug 2019 10:05

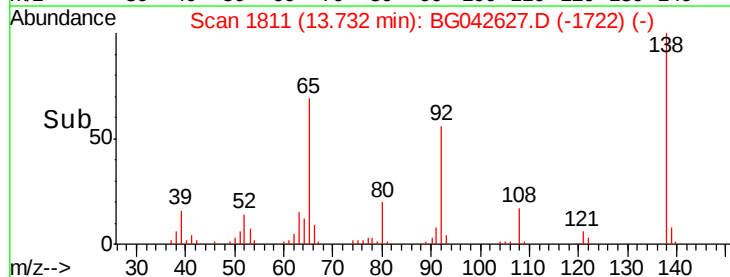
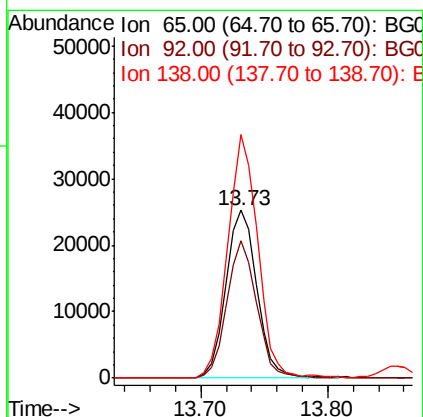
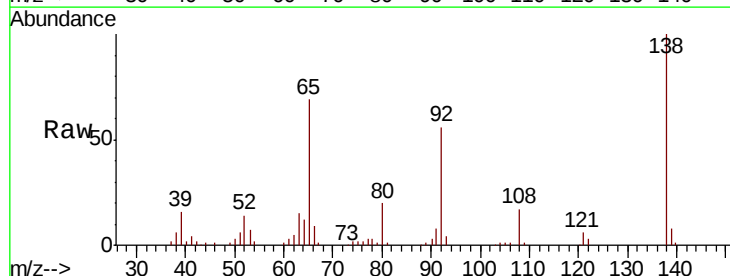
Instrument :
BNA_G
ClientSampleId :
PB122684BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	32.0	26.0	39.0
164	33.0	27.4	41.0



#48
2-Nitroaniline
Concen: 40.074 ng
RT: 13.73 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BG042627.D
Acq: 31 Aug 2019 10:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	81.7	61.8	92.6
138	145.0	111.0	166.6





#49

Acenaphthylene

Concen: 45.743 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG042627.D

Acq: 31 Aug 2019 10:05

Instrument :

BNA_G

ClientSampleId :

PB122684BSD

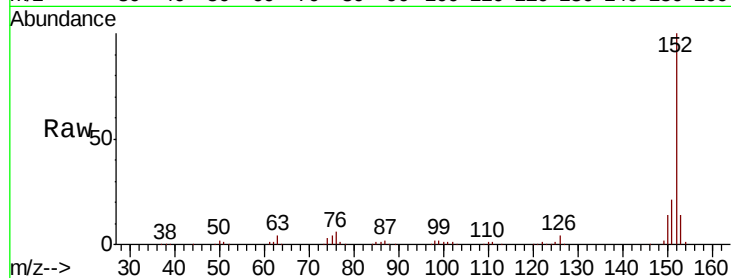
Tot Ion:152 Resp: 304730

Ion Ratio Lower Upper

152 100

151 21.2 17.0 25.4

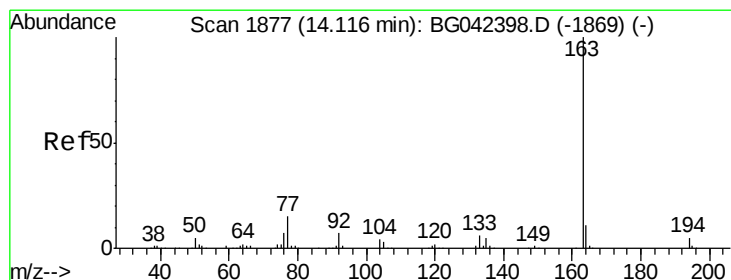
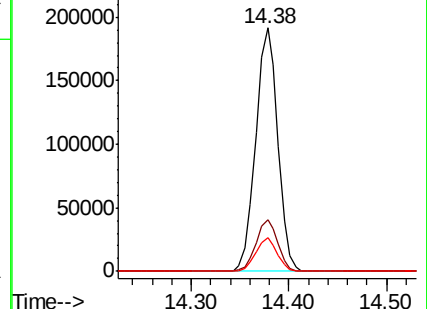
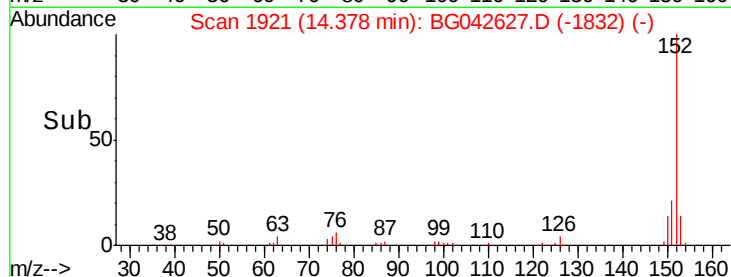
153 13.8 10.6 16.0



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: 43.569 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG042627.D

Acq: 31 Aug 2019 10:05

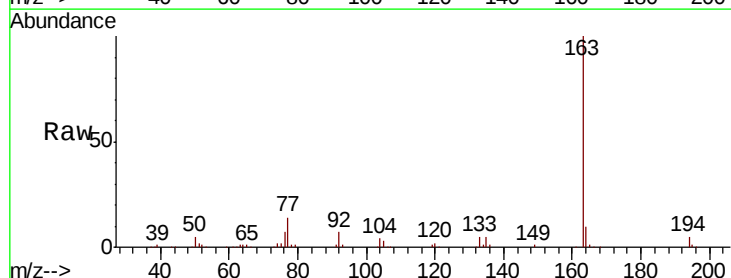
Tgt Ion:163 Resp: 249746

Ion Ratio Lower Upper

163 100

194 5.3 4.2 6.2

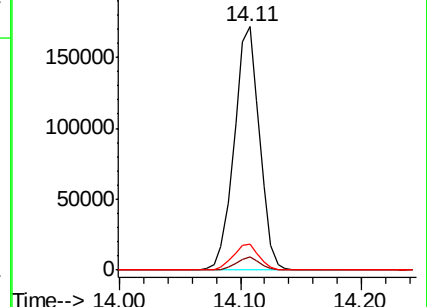
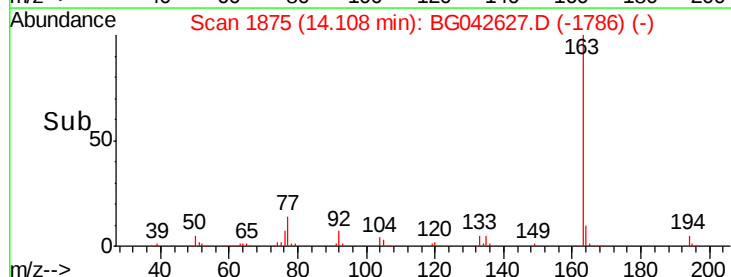
164 10.4 8.8 13.2

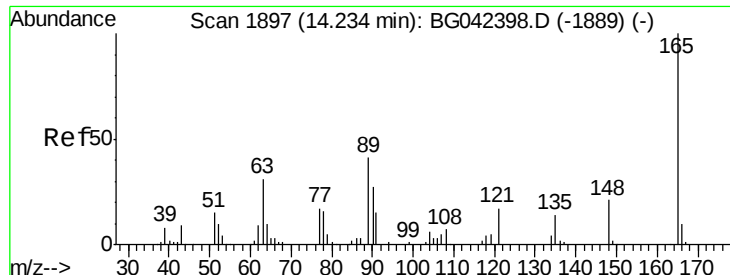


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

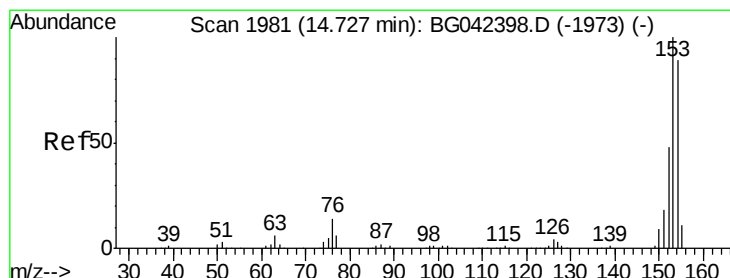
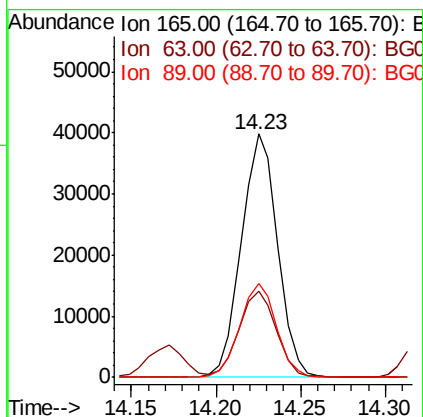
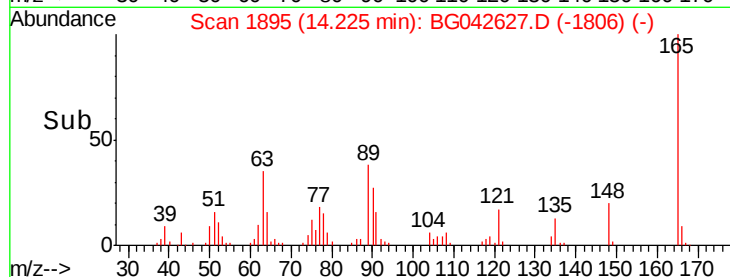
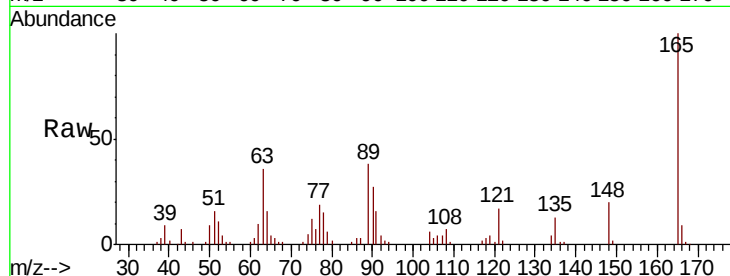




#51
 2,6-Dinitrotoluene
 Concen: 44.683 ng
 RT: 14.23 min Scan# 1895
 Delta R.T. -0.01 min
 Lab File: BG042627.D
 Acq: 31 Aug 2019 10:05

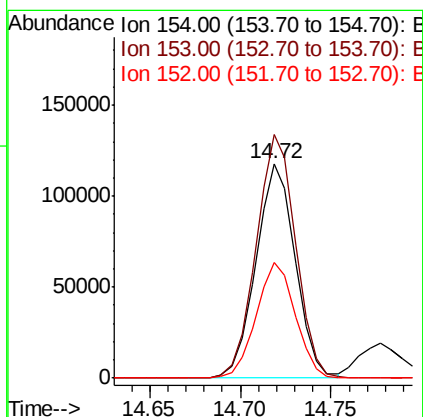
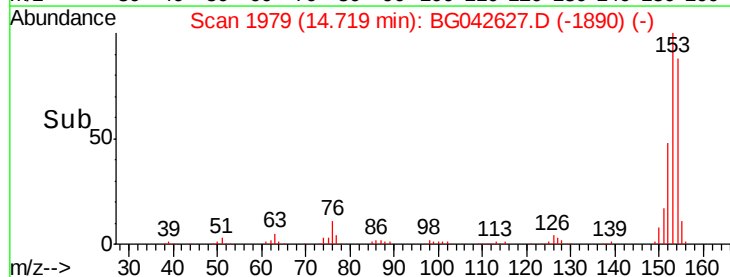
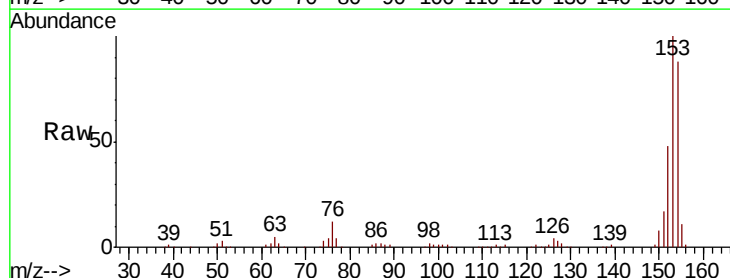
Instrument :
 BNA_G
 ClientSampleId :
 PB122684BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	35.6	30.6	45.8
89	38.3	32.6	49.0



#52
 Acenaphthene
 Concen: 43.873 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.01 min
 Lab File: BG042627.D
 Acq: 31 Aug 2019 10:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.6	90.2	135.4
152	54.0	43.2	64.8

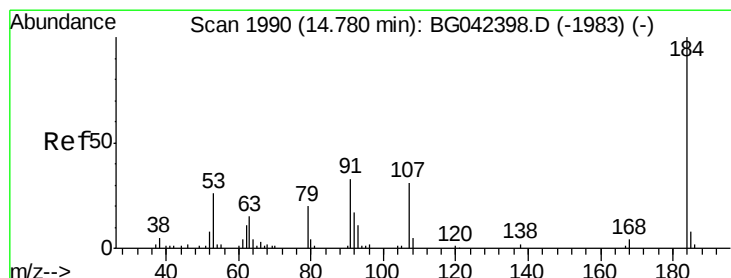
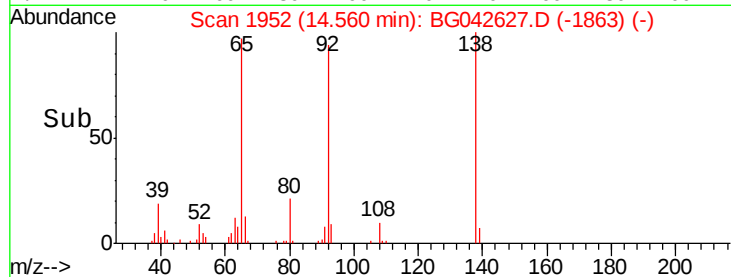
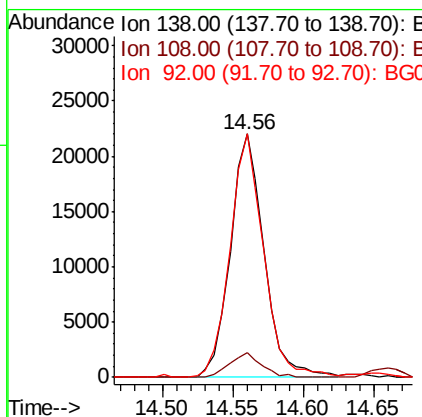
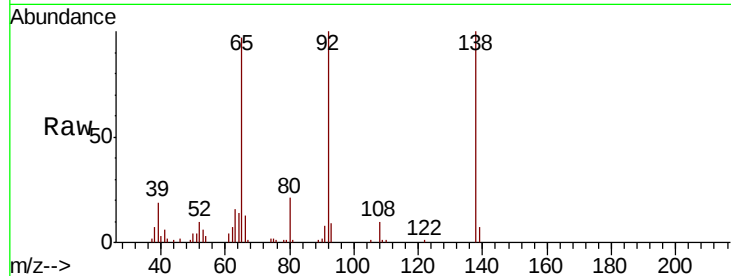




#53
3-Nitroaniline
Concen: 27.570 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG042627.D
Acq: 31 Aug 2019 10:05

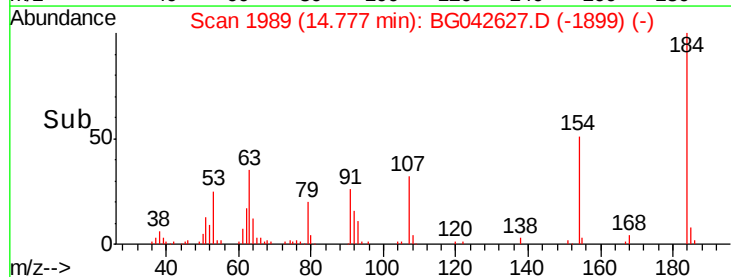
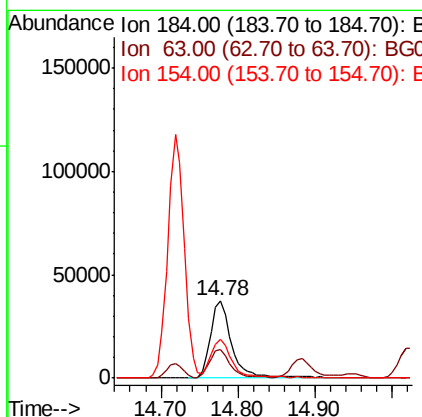
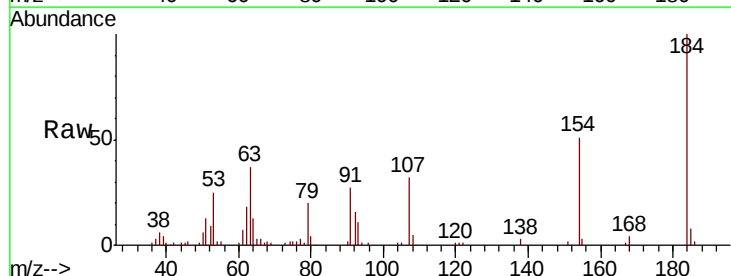
Instrument :
BNA_G
ClientSampleId :
PB122684BSD

Tot Ion:138 Resp: 36635
Ion Ratio Lower Upper
138 100
108 10.2 8.3 12.5
92 99.9 78.2 117.4



#54
2,4-Dinitrophenol
Concen: 79.983 ng
RT: 14.78 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BG042627.D
Acq: 31 Aug 2019 10:05

Tgt Ion:184 Resp: 71636
Ion Ratio Lower Upper
184 100
63 37.2 31.7 47.5
154 50.6 42.0 63.0

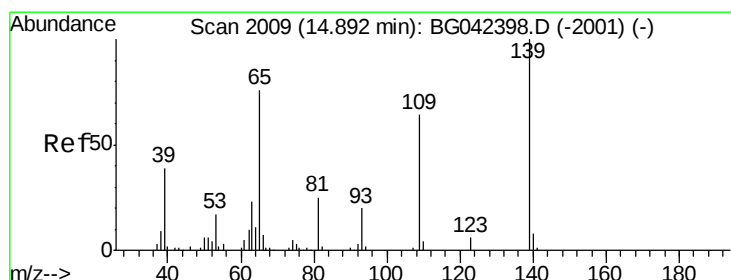
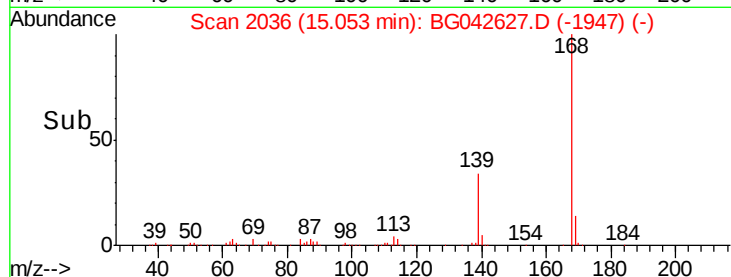
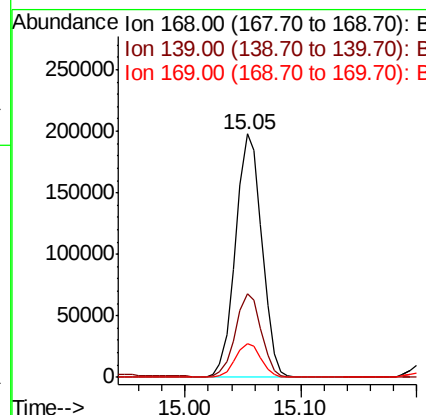
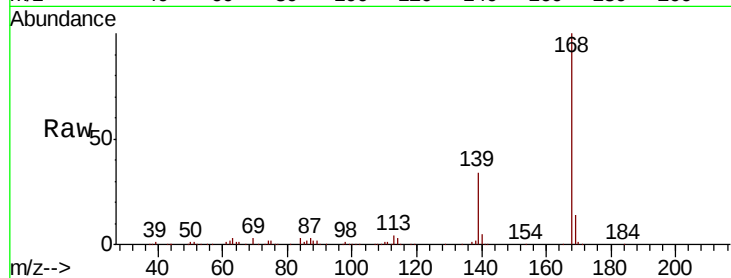




#55
Dibenzofuran
Concen: 46.579 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BG042627.D
Acq: 31 Aug 2019 10:05

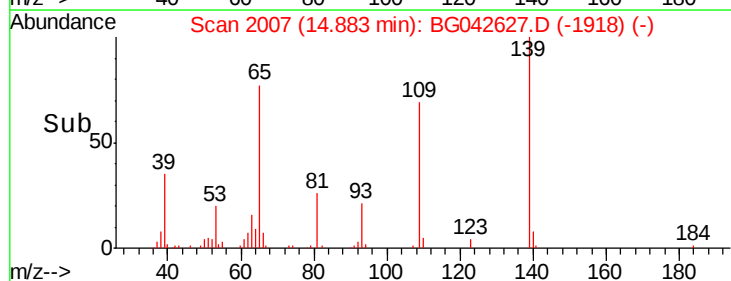
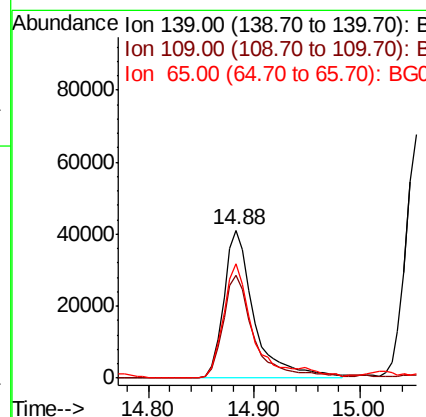
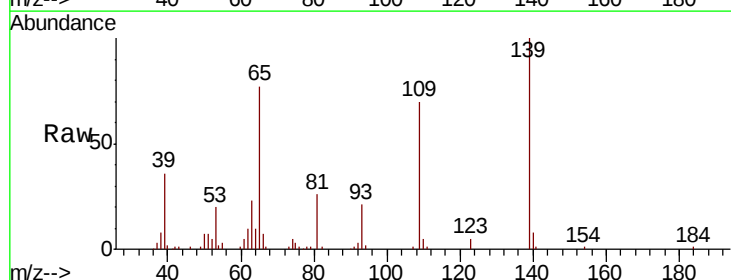
Instrument :
BNA_G
ClientSampleId :
PB122684BSD

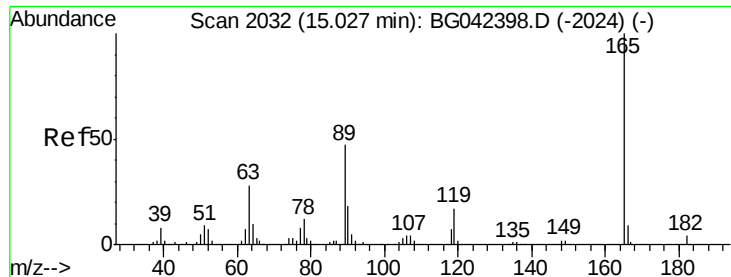
Tot Ion:168 Resp: 311892
Ion Ratio Lower Upper
168 100
139 34.2 27.2 40.8
169 13.8 11.5 17.3



#56
4-Nitrophenol
Concen: 87.238 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG042627.D
Acq: 31 Aug 2019 10:05

Tgt Ion:139 Resp: 82372
Ion Ratio Lower Upper
139 100
109 69.5 43.9 83.9
65 77.2 56.3 96.3

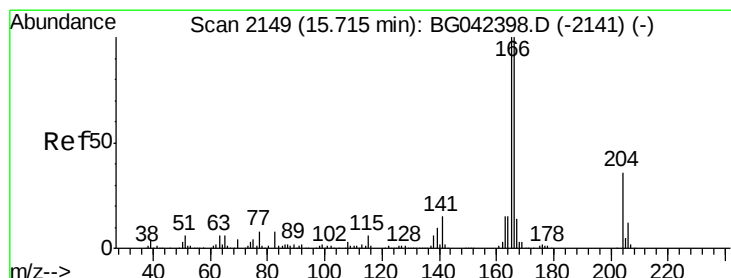
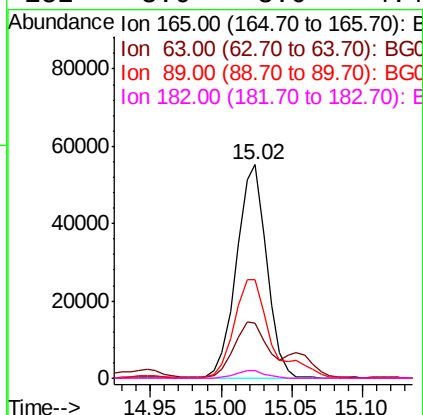
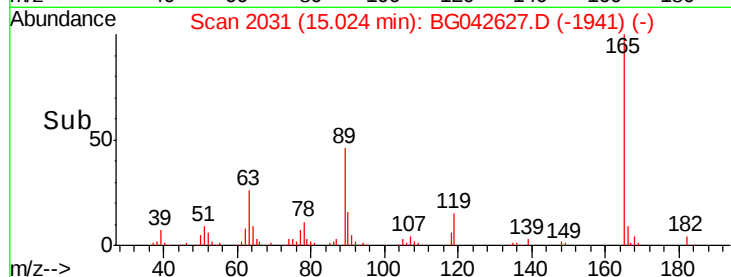
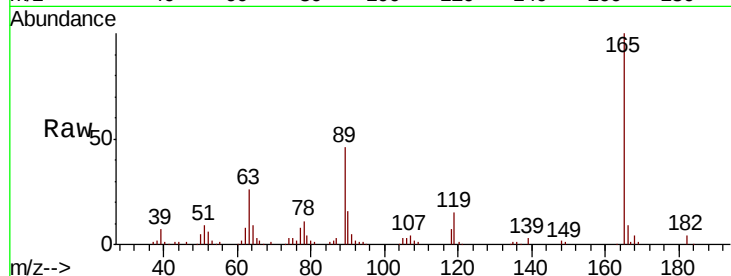




#57
 2,4-Dinitrotoluene
 Concen: 43.259 ng
 RT: 15.02 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BG042627.D
 Acq: 31 Aug 2019 10:05

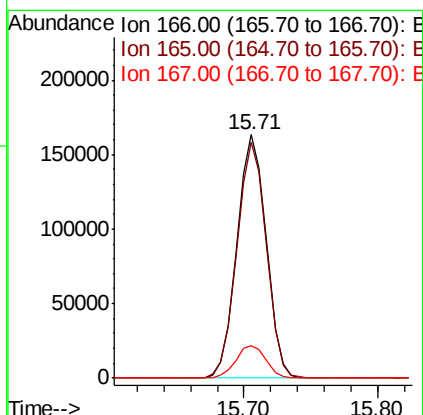
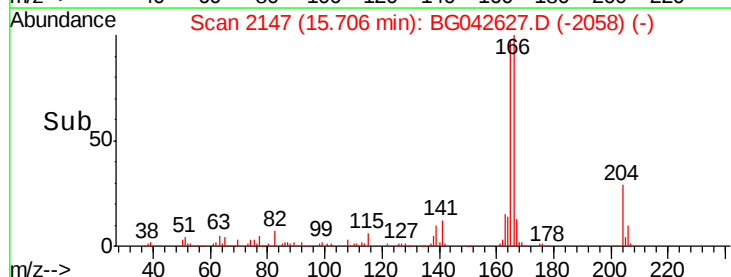
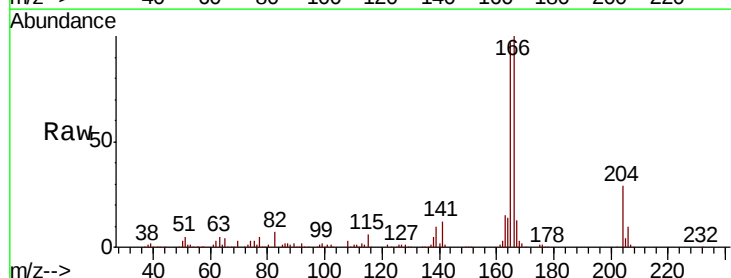
Instrument :
 BNA_G
 ClientSampleId :
 PB122684BSD

Tot Ion:165	Resp:	82307
Ion Ratio	Lower	Upper
165	100	
63	25.9	22.5 33.7
89	45.9	37.8 56.6
182	3.6	3.0 4.4



#58
 Fluorene
 Concen: 45.344 ng
 RT: 15.71 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BG042627.D
 Acq: 31 Aug 2019 10:05

Tgt Ion:166	Resp:	248193
Ion Ratio	Lower	Upper
166	100	
165	97.1	79.7 119.5
167	13.2	10.9 16.3

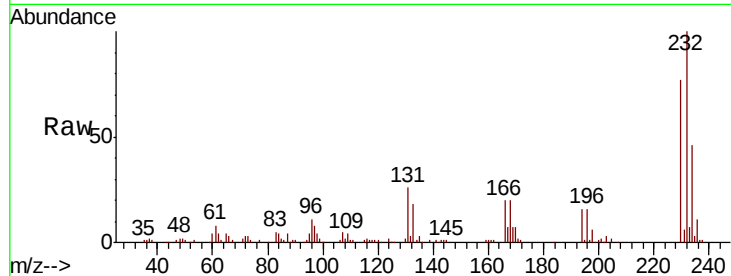




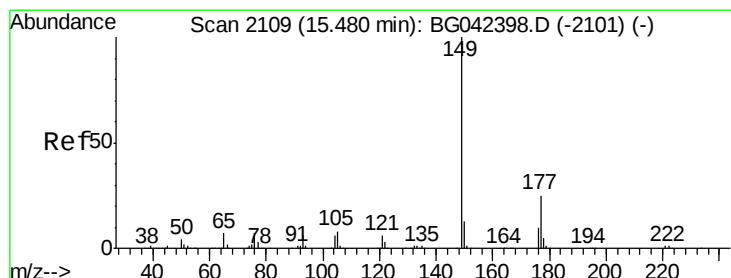
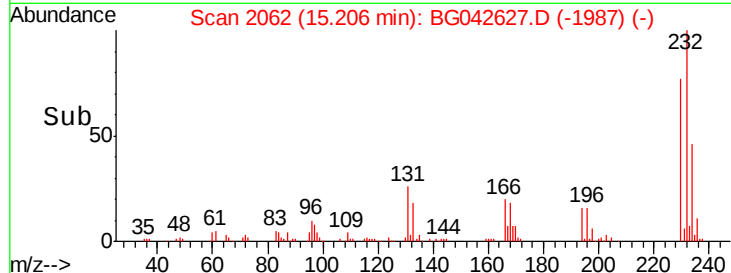
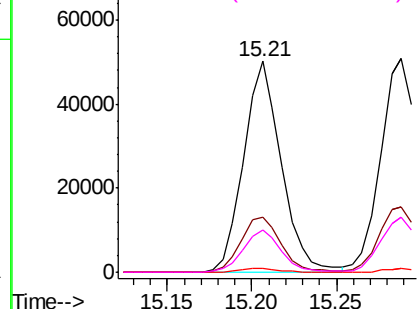
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.142 ng
RT: 15.21 min Scan# 2062
Delta R.T. -0.09 min
Lab File: BG042627.D
Acq: 31 Aug 2019 10:05

Instrument :
BNA_G
ClientSampleId :
PB122684BSD

Tot Ion:232	Resp:	78011
Ion Ratio	Lower	Upper
232	100	
131	27.6	22.9 34.3
130	1.8	1.4 2.0
166	20.2	17.0 25.4

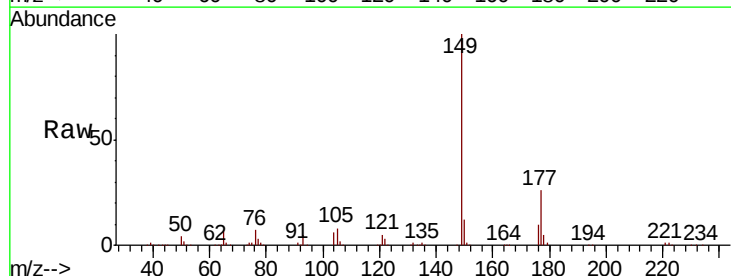


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

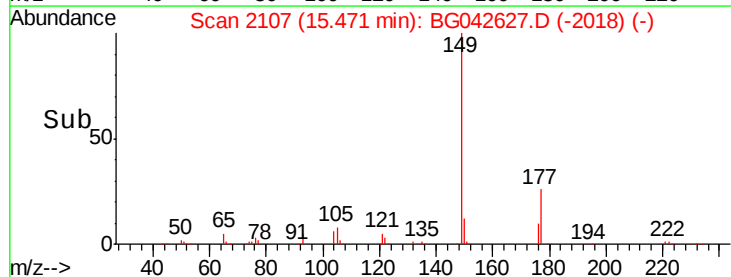
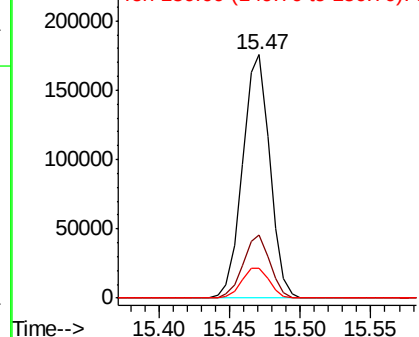


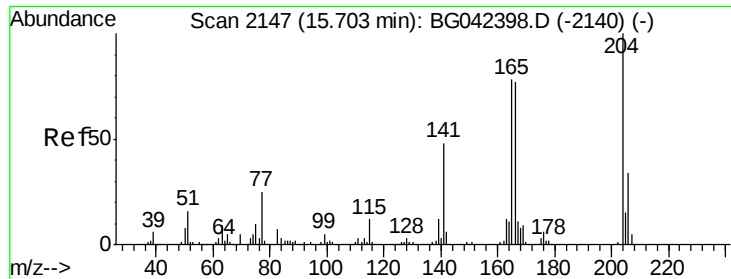
#60
Diethylphthalate
Concen: 42.130 ng
RT: 15.47 min Scan# 2107
Delta R.T. -0.01 min
Lab File: BG042627.D
Acq: 31 Aug 2019 10:05

Tgt Ion:149	Resp:	236081
Ion Ratio	Lower	Upper
149	100	
177	25.7	20.4 30.6
150	12.5	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

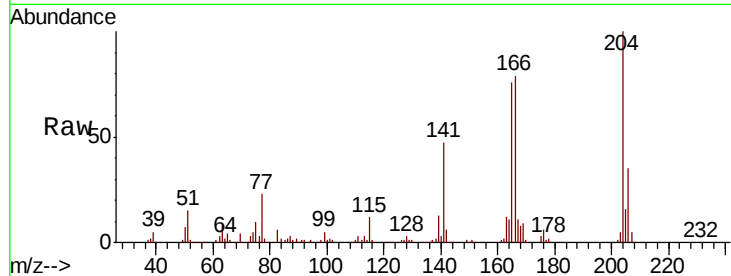




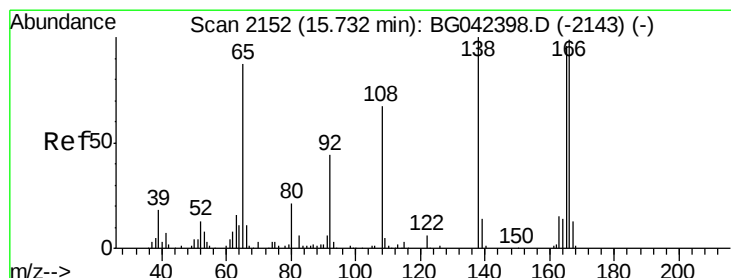
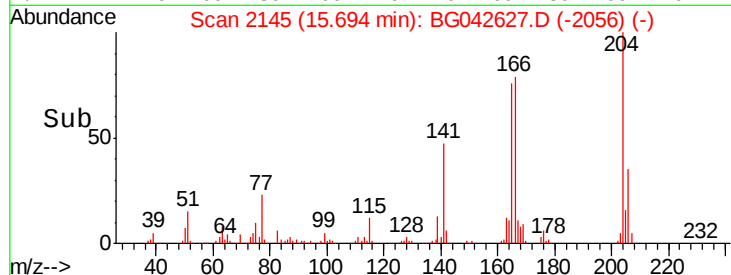
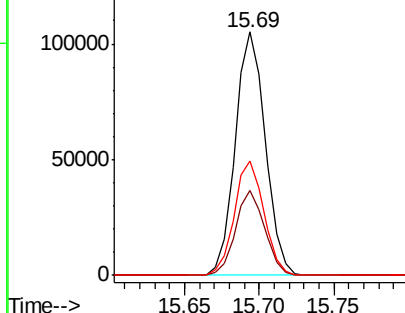
#61
4-Chlorophenyl-phenylether
Concen: 44.580 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BG042627.D
Acq: 31 Aug 2019 10:05

Instrument :
BNA_G
ClientSampleId :
PB122684BSD

Tot Ion:204 Resp: 147092
Ion Ratio Lower Upper
204 100
206 34.7 27.2 40.8
141 47.2 38.7 58.1

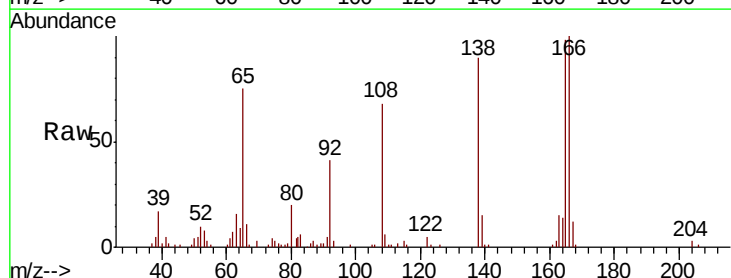


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

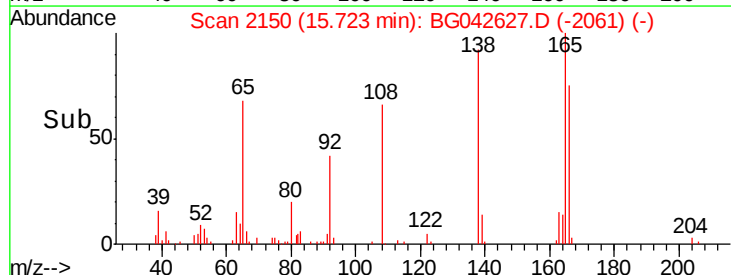
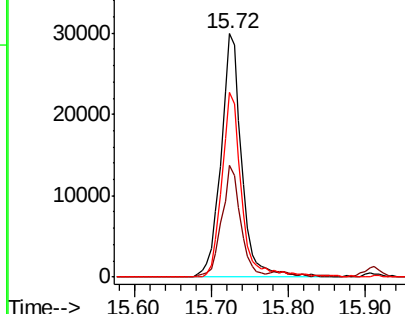


#62
4-Nitroaniline
Concen: 39.339 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG042627.D
Acq: 31 Aug 2019 10:05

Tgt Ion:138 Resp: 55946
Ion Ratio Lower Upper
138 100
92 46.2 24.2 64.2
108 75.7 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

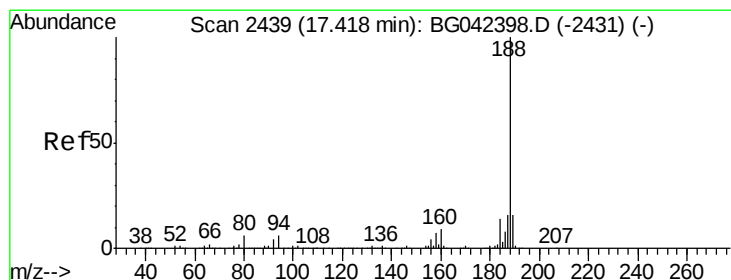
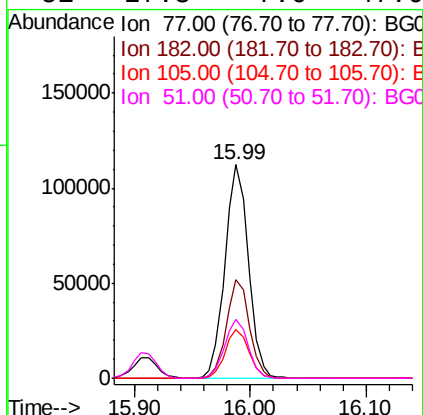
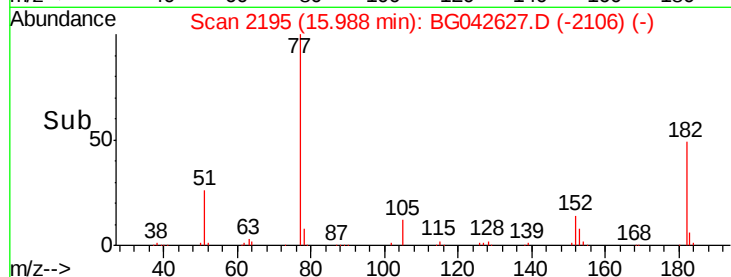
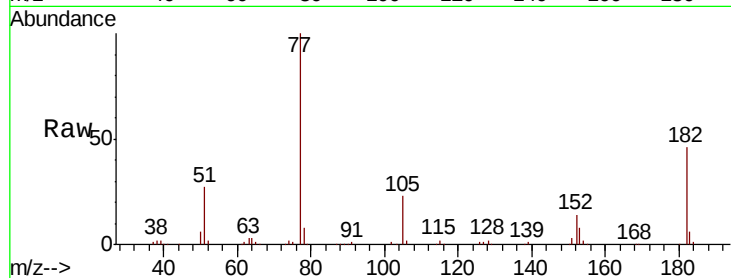




#63
Azobenzene
Concen: 41.092 ng
RT: 15.99 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BG042627.D
Acq: 31 Aug 2019 10:05

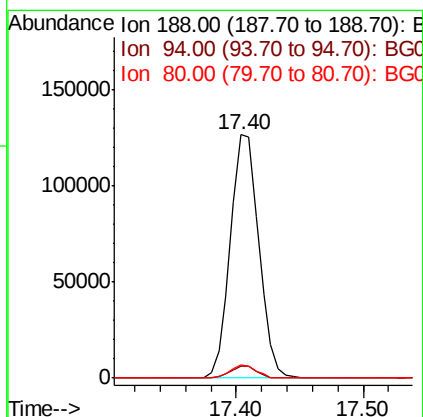
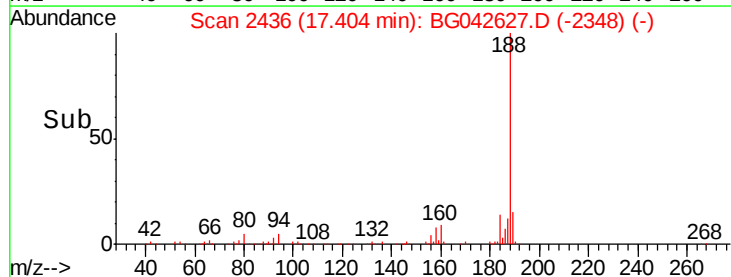
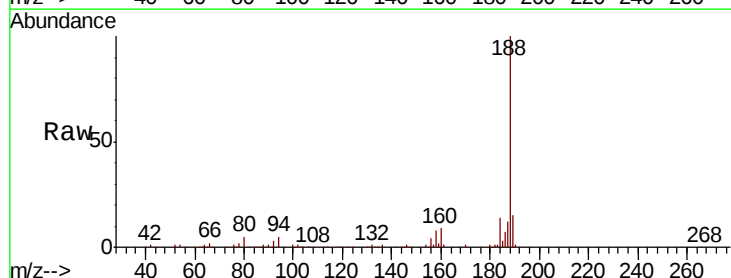
Instrument :
BNA_G
ClientSampleId :
PB122684BSD

Tot Ion: 77 Resp: 157782
Ion Ratio Lower Upper
77 100
182 46.2 19.9 59.9
105 22.7 2.9 42.9
51 27.3 7.6 47.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BG042627.D
Acq: 31 Aug 2019 10:05

Tgt Ion: 188 Resp: 196934
Ion Ratio Lower Upper
188 100
94 5.1 4.5 6.7
80 5.2 4.9 7.3





#65

4,6-Dinitro-2-methylphenol

Concen: 42.123 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG042627.D

Acq: 31 Aug 2019 10:05

Instrument :

BNA_G

ClientSampleId :

PB122684BSD

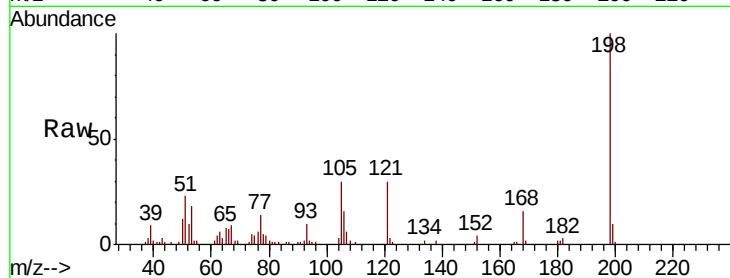
Tot Ion:198 Resp: 52009

Ion Ratio Lower Upper

198 100

51 22.9 4.2 44.2

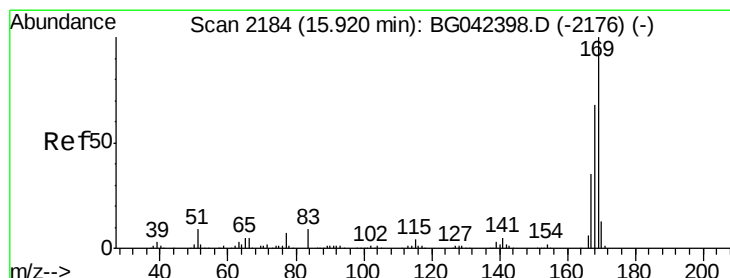
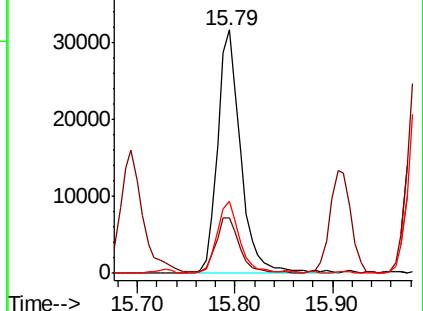
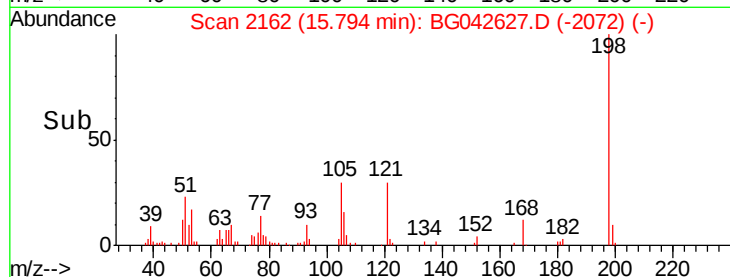
105 29.5 8.8 48.8



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: 41.500 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG042627.D

Acq: 31 Aug 2019 10:05

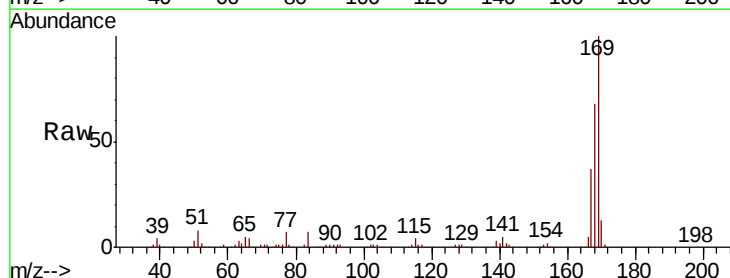
Tgt Ion:169 Resp: 224755

Ion Ratio Lower Upper

169 100

168 67.9 54.3 81.5

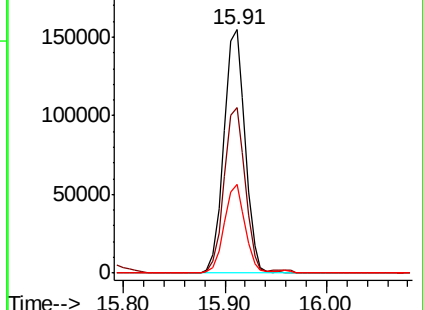
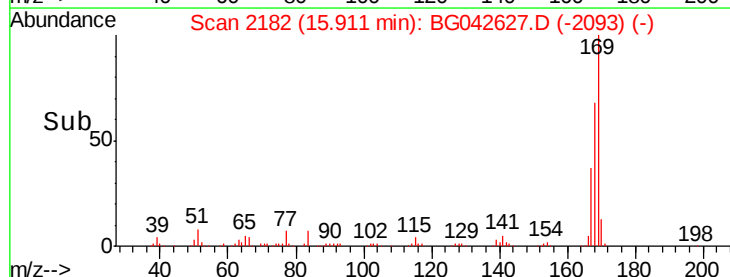
167 36.5 28.2 42.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

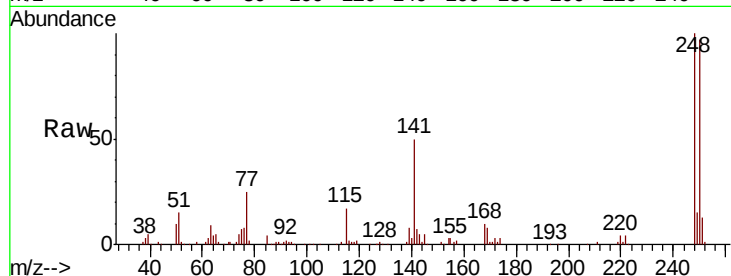




#67
 4-Bromophenyl-phenylether
 Concen: 41.008 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG042627.D
 Acq: 31 Aug 2019 10:05

Instrument :
 BNA_G
 ClientSampleId :
 PB122684BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	78.9	118.3
141	50.4	43.3	64.9

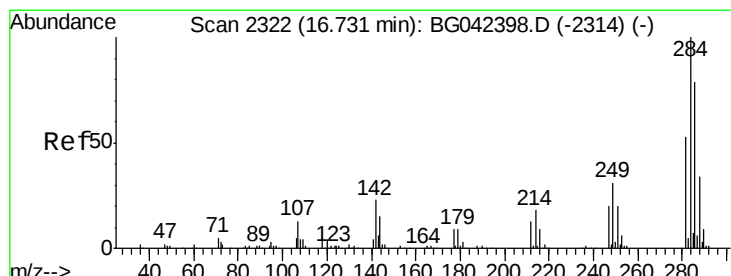
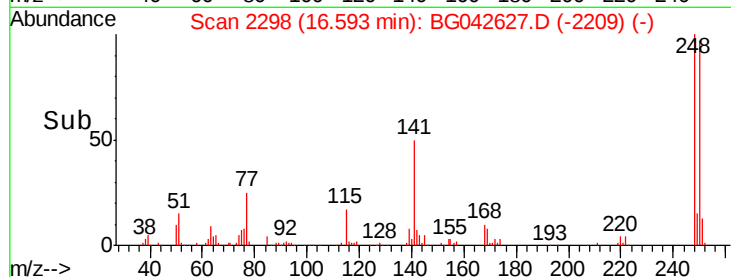
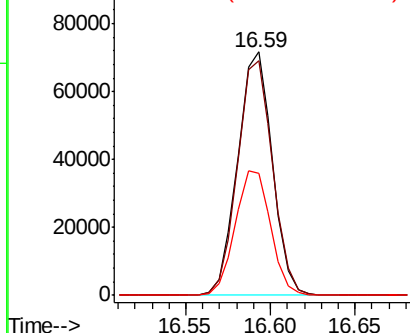


Abundance

Ion 248.00 (247.70 to 248.70): E

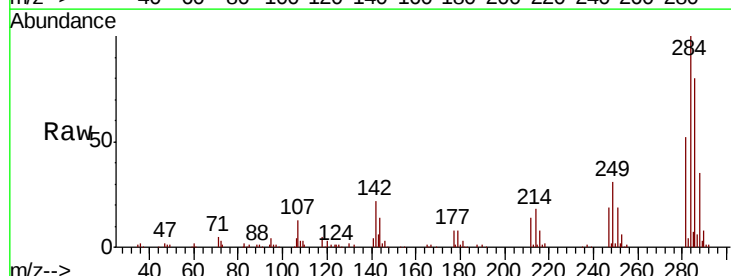
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 39.989 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG042627.D
 Acq: 31 Aug 2019 10:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	21.9	18.2	27.4
249	33.5	25.0	37.4

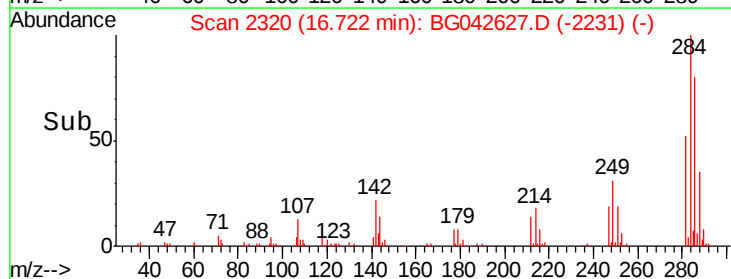
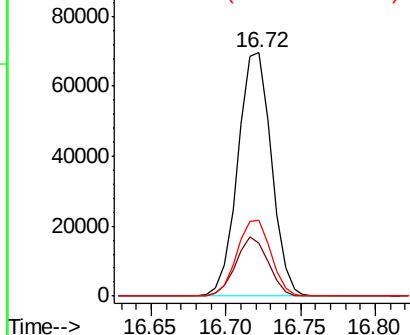


Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 45.805 ng

RT: 16.86 min Scan# 2343

Delta R.T. -0.01 min

Lab File: BG042627.D

Acq: 31 Aug 2019 10:05

Instrument :

BNA_G

ClientSampleId :

PB122684BSD

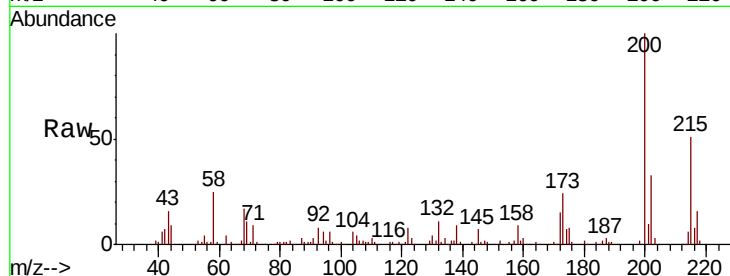
Tot Ion:200 Resp: 87725

Ion Ratio Lower Upper

200 100

173 24.2 4.9 44.9

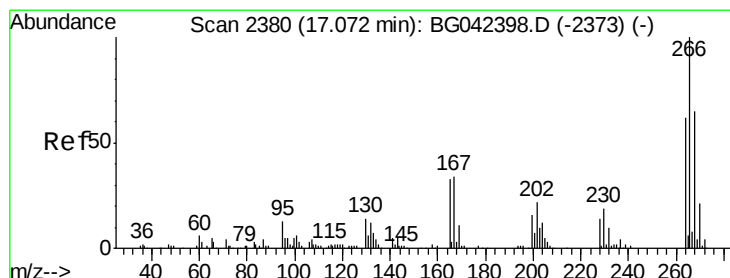
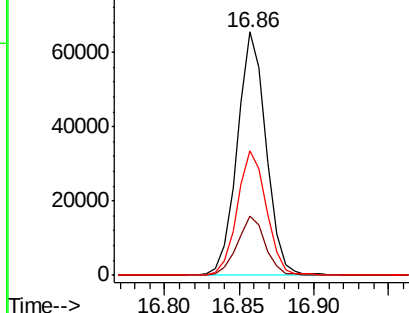
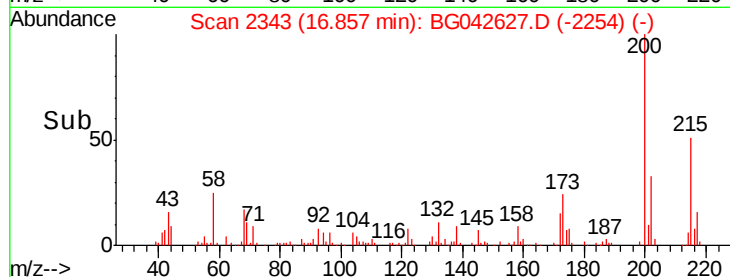
215 51.2 30.7 70.7



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: 85.298 ng

RT: 17.06 min Scan# 2378

Delta R.T. -0.01 min

Lab File: BG042627.D

Acq: 31 Aug 2019 10:05

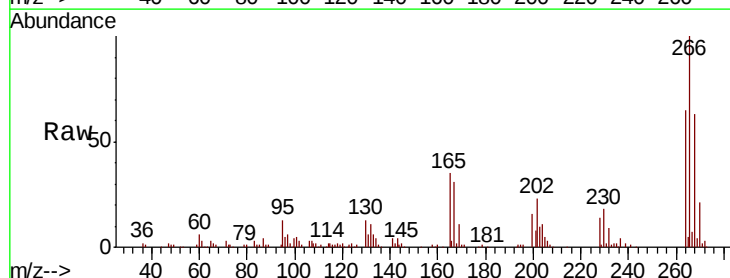
Tgt Ion:266 Resp: 120349

Ion Ratio Lower Upper

266 100

268 62.5 52.1 78.1

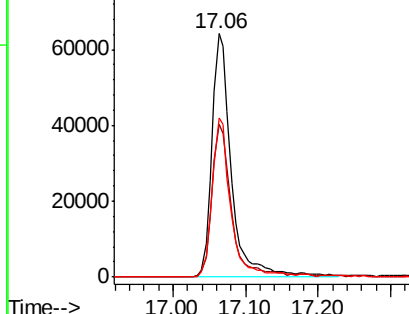
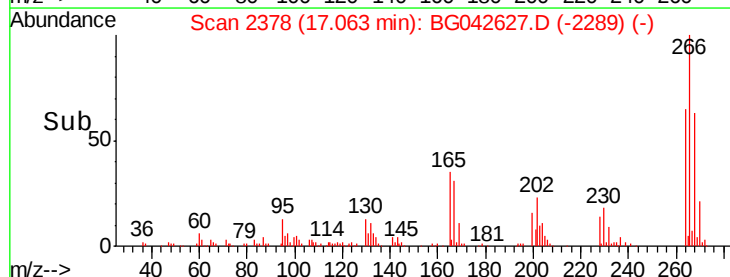
264 65.2 49.4 74.2

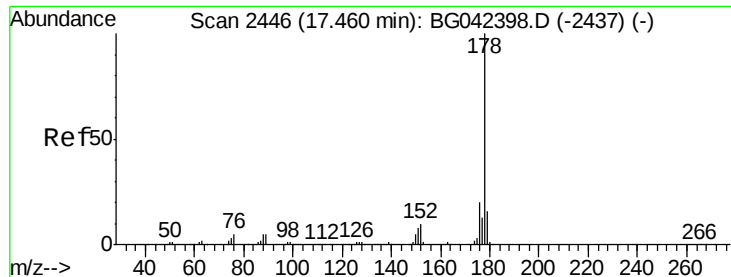


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

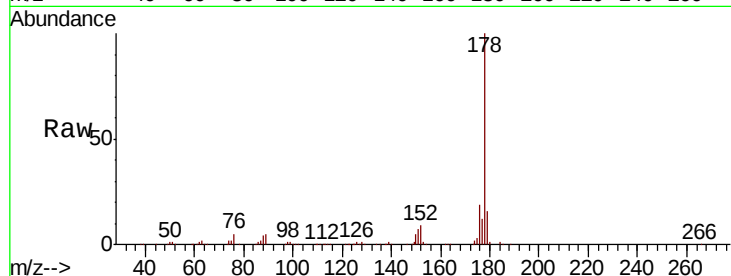




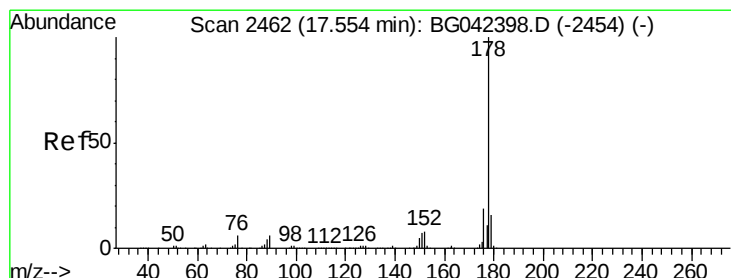
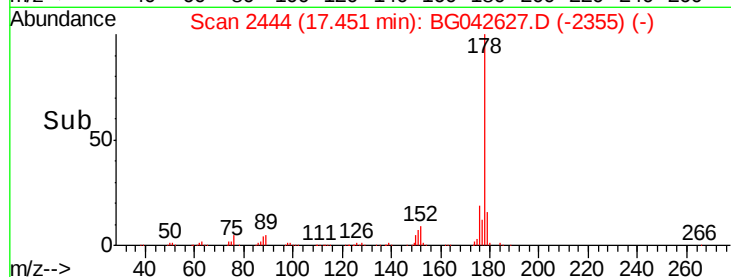
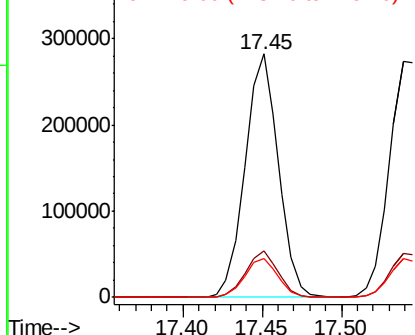
#71
Phenanthrene
Concen: 42.116 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG042627.D
Acq: 31 Aug 2019 10:05

Instrument :
BNA_G
ClientSampleId :
PB122684BSD

Tot Ion:178 Resp: 411983
Ion Ratio Lower Upper
178 100
176 18.9 15.9 23.9
179 16.0 12.7 19.1

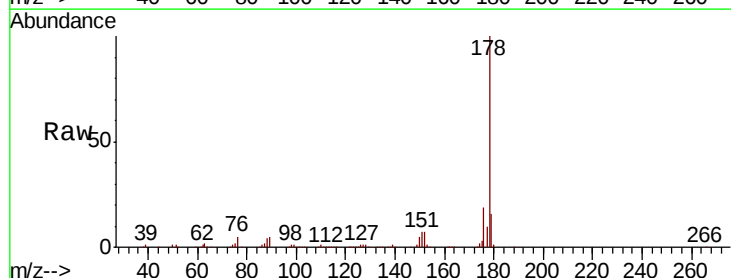


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

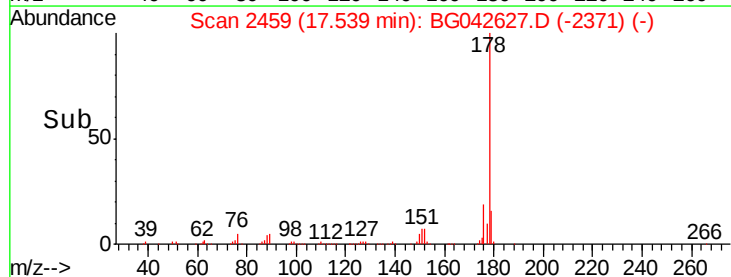
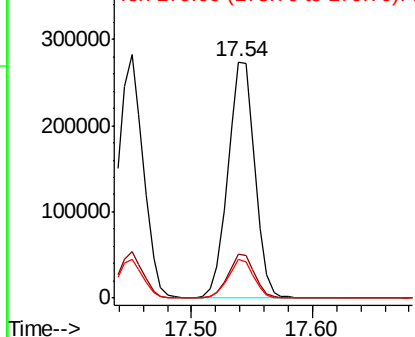


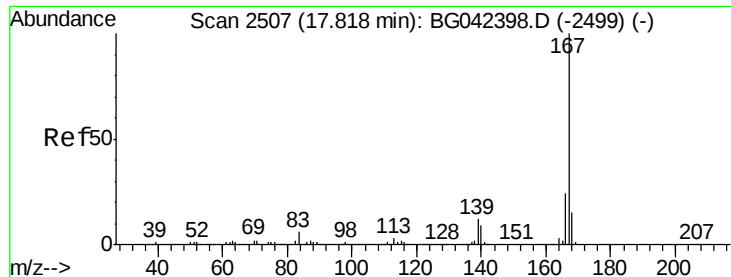
#72
Anthracene
Concen: 43.285 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.01 min
Lab File: BG042627.D
Acq: 31 Aug 2019 10:05

Tgt Ion:178 Resp: 422698
Ion Ratio Lower Upper
178 100
176 18.5 15.5 23.3
179 16.4 12.9 19.3



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





#73

Carbazole

Concen: 41.975 ng

RT: 17.81 min Scan# 2505

Delta R.T. -0.01 min

Lab File: BG042627.D

Acq: 31 Aug 2019 10:05

Instrument :

BNA_G

ClientSampleId :

PB122684BSD

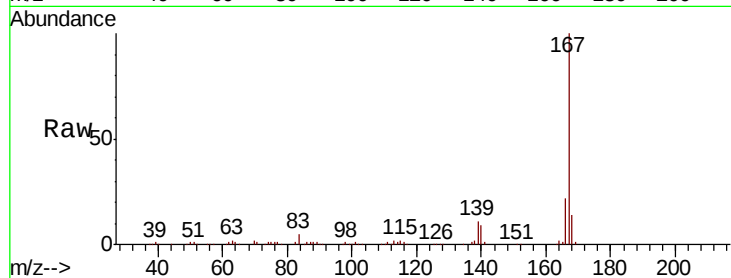
Tot Ion:167 Resp: 365327

Ion Ratio Lower Upper

167 100

166 22.4 18.9 28.3

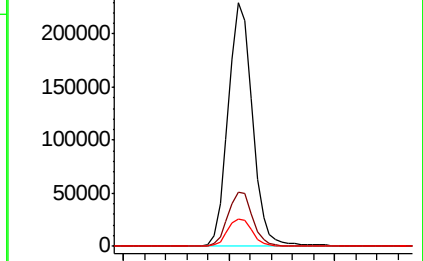
139 11.3 9.8 14.6



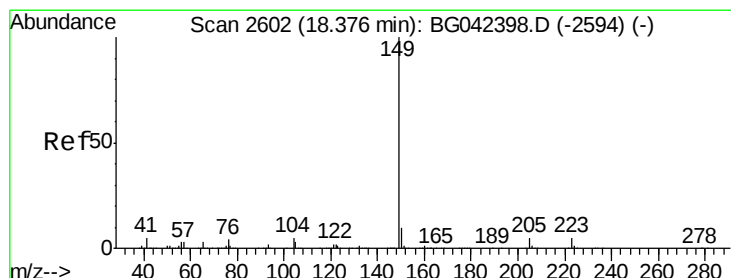
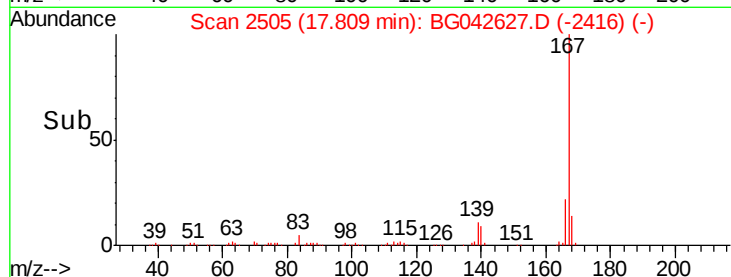
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time--> 17.70 17.80 17.90



#74

Di-n-butylphthalate

Concen: 40.877 ng

RT: 18.37 min Scan# 2600

Delta R.T. -0.01 min

Lab File: BG042627.D

Acq: 31 Aug 2019 10:05

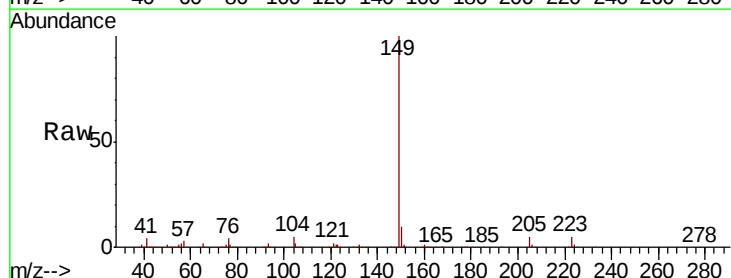
Tgt Ion:149 Resp: 420547

Ion Ratio Lower Upper

149 100

150 9.8 8.1 12.1

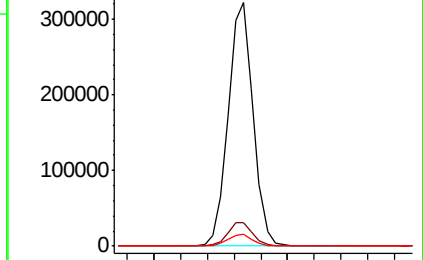
104 4.7 3.7 5.5



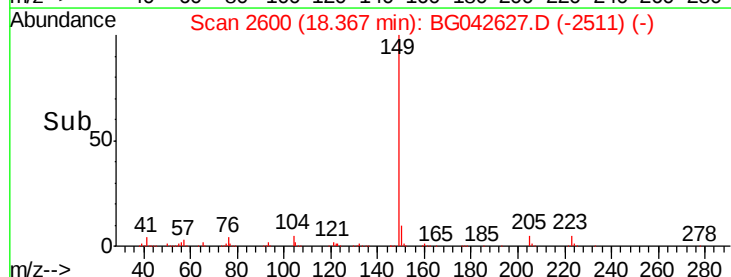
Abundance Ion 149.00 (148.70 to 149.70): E

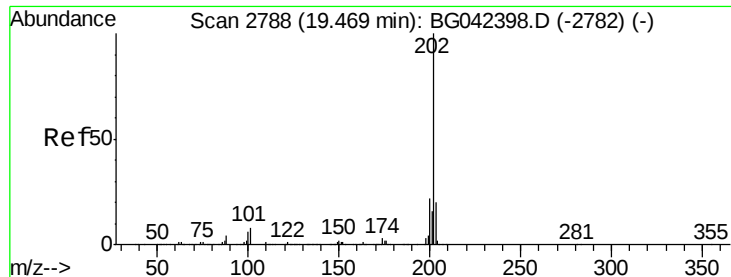
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time--> 18.30 18.40





#75

Fluoranthene

Concen: 46.544 ng

RT: 19.46 min Scan# 2786

Delta R.T. -0.01 min

Lab File: BG042627.D

Acq: 31 Aug 2019 10:05

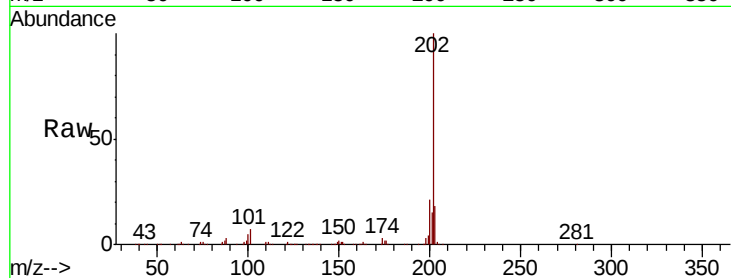
Instrument :

BNA_G

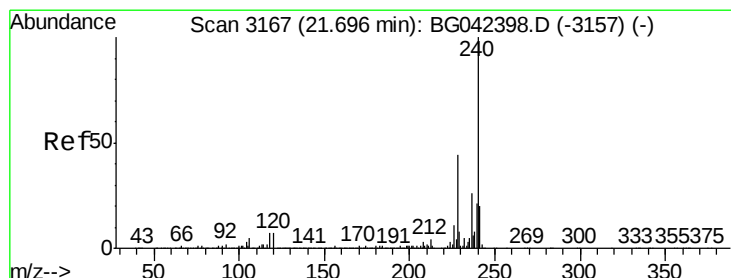
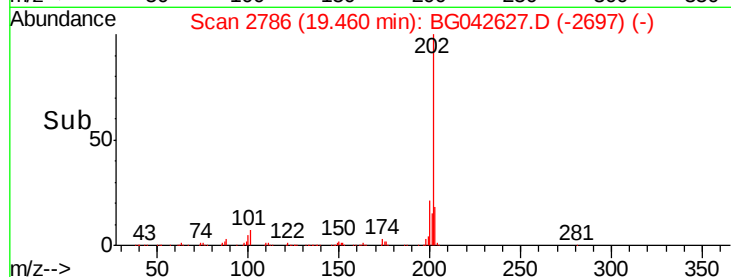
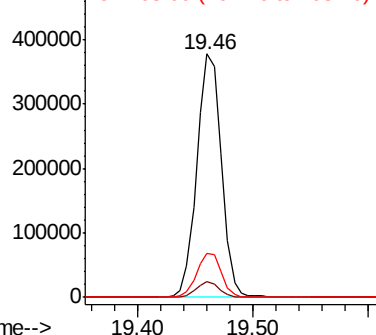
ClientSampleId :

PB122684BSD

Tot Ion:	202	Resp:	555659
Ion	Ratio	Lower	Upper
202	100		
101	6.6	0.0	28.3
203	18.2	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

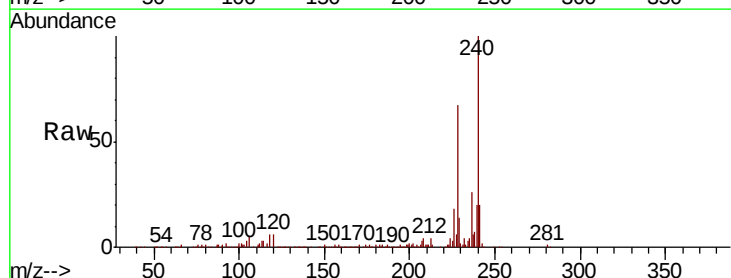
RT: 21.68 min Scan# 3164

Delta R.T. -0.01 min

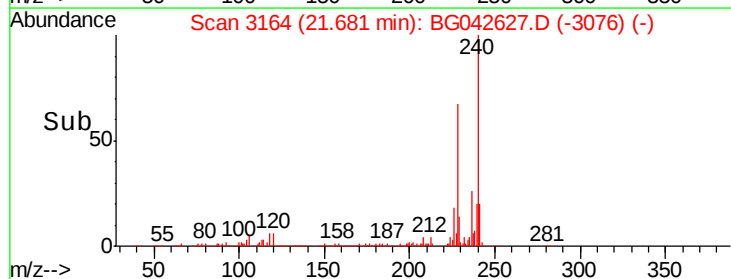
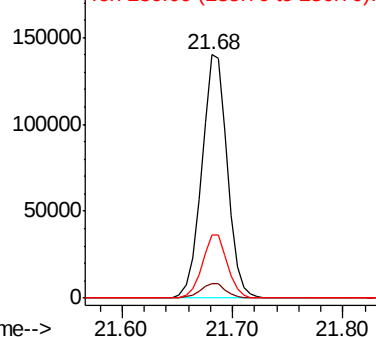
Lab File: BG042627.D

Acq: 31 Aug 2019 10:05

Tgt Ion:	240	Resp:	226579
Ion	Ratio	Lower	Upper
240	100		
120	6.2	5.7	8.5
236	25.8	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: 34.230 ng

RT: 19.64 min Scan# 2816

Delta R.T. -0.01 min

Lab File: BG042627.D

Acq: 31 Aug 2019 10:05

Instrument :

BNA_G

ClientSampleId :

PB122684BSD

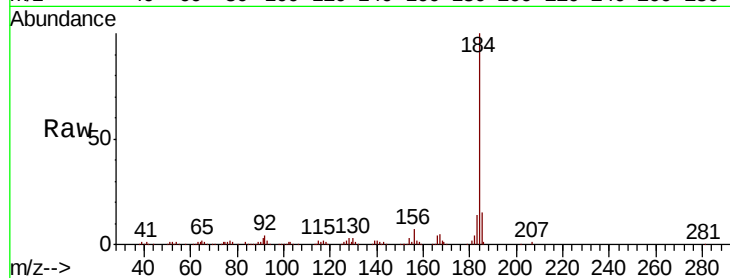
Tot Ion:184 Resp: 222362

Ion Ratio Lower Upper

184 100

185 14.6 12.2 18.4

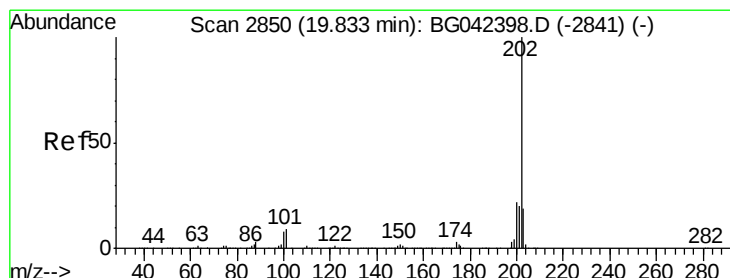
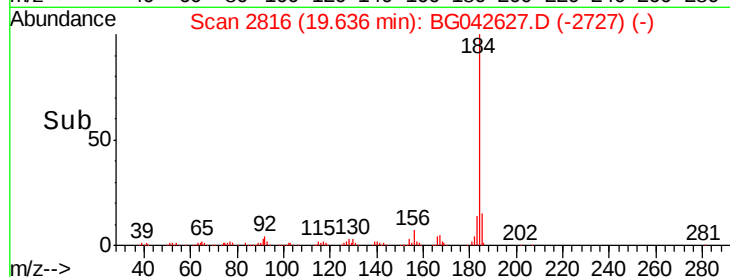
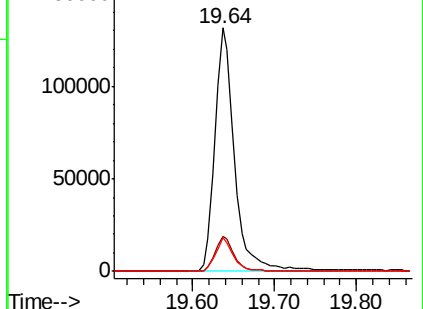
183 13.6 10.8 16.2



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: 40.632 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG042627.D

Acq: 31 Aug 2019 10:05

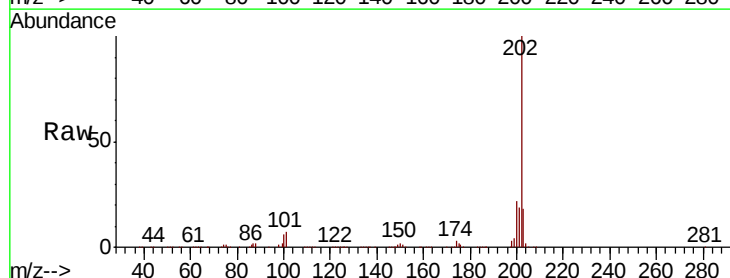
Tgt Ion:202 Resp: 564441

Ion Ratio Lower Upper

202 100

200 21.5 17.8 26.6

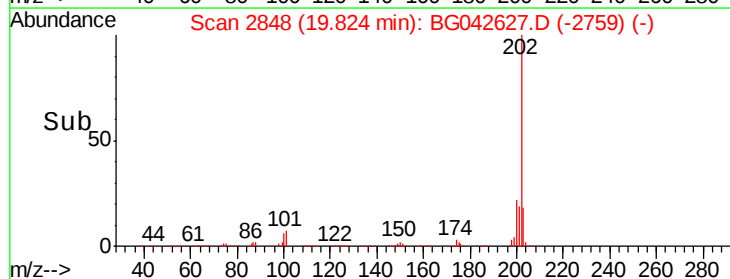
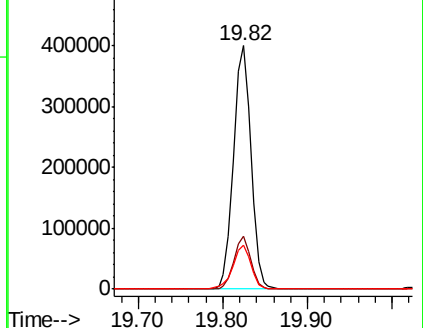
203 18.2 15.5 23.3



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: 86.078 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG042627.D

Acq: 31 Aug 2019 10:05

Instrument :

BNA_G

ClientSampleId :

PB122684BSD

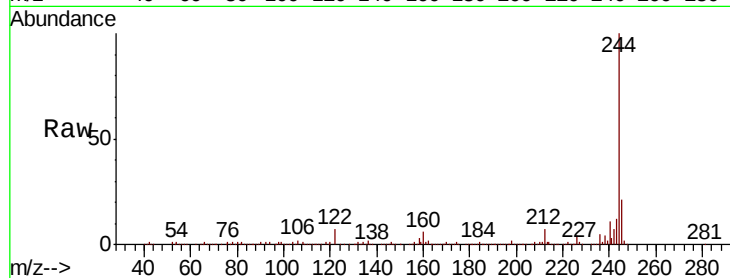
Tot Ion:244 Resp: 902139

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

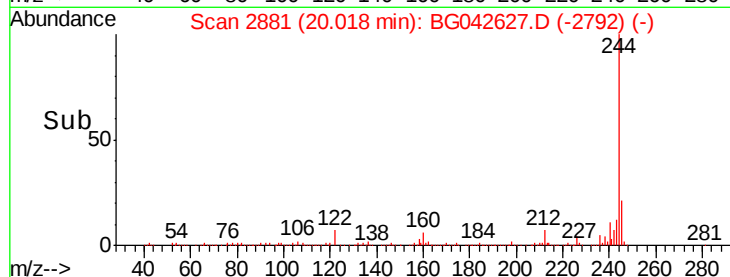
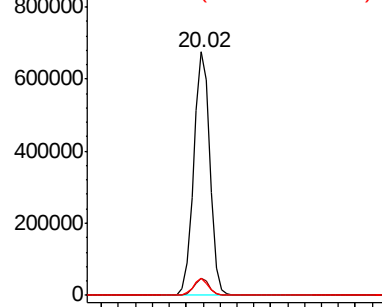
122 6.8 6.7 10.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.356 ng

RT: 20.71 min Scan# 2998

Delta R.T. -0.01 min

Lab File: BG042627.D

Acq: 31 Aug 2019 10:05

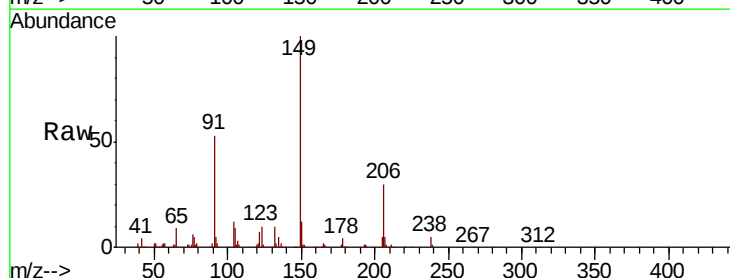
Tgt Ion:149 Resp: 215031

Ion Ratio Lower Upper

149 100

91 52.8 45.9 68.9

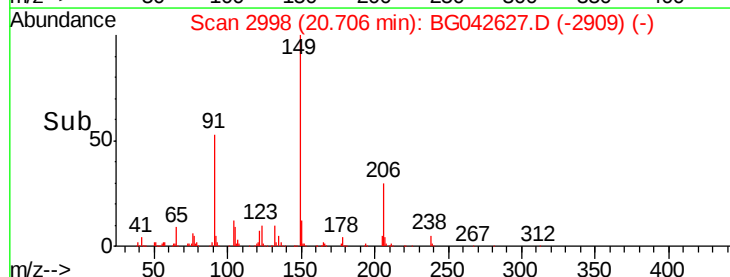
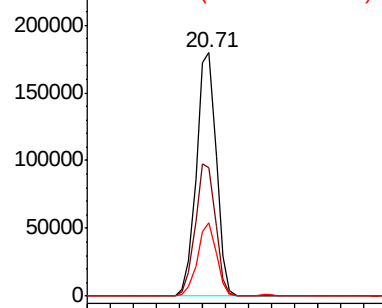
206 30.2 22.5 33.7

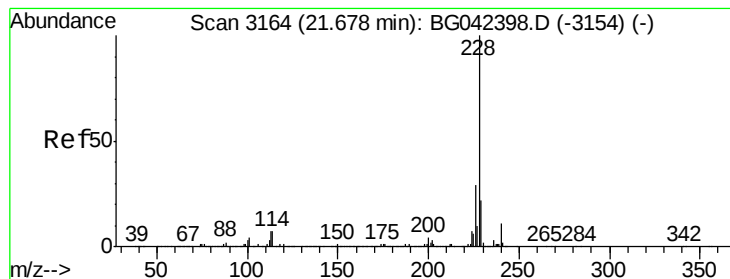


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.611 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG042627.D

Acq: 31 Aug 2019 10:05

Instrument :

BNA_G

ClientSampleId :

PB122684BSD

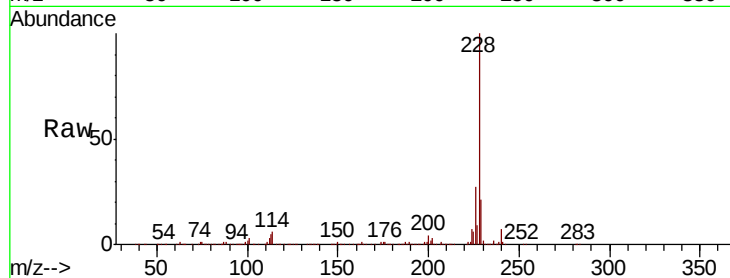
Tot Ion:228 Resp: 587318

Ion Ratio Lower Upper

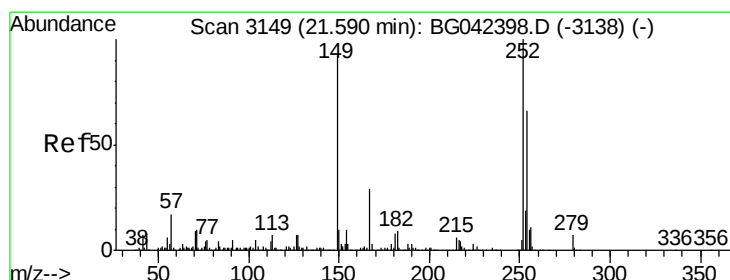
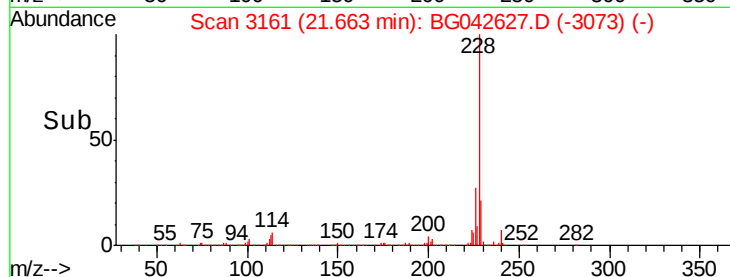
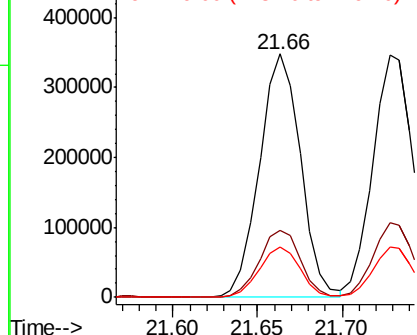
228 100

226 27.3 23.4 35.2

229 20.7 17.4 26.2



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



#82

3,3'-Dichlorobenzidine

Concen: 34.238 ng

RT: 21.58 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG042627.D

Acq: 31 Aug 2019 10:05

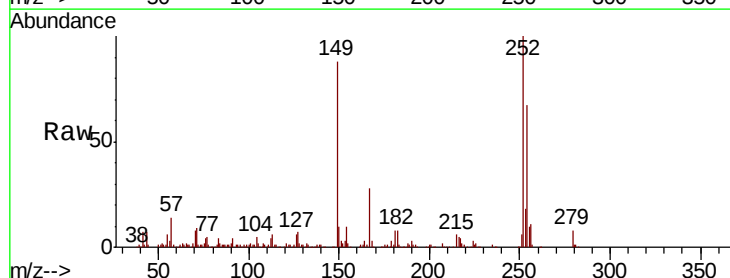
Tgt Ion:252 Resp: 189793

Ion Ratio Lower Upper

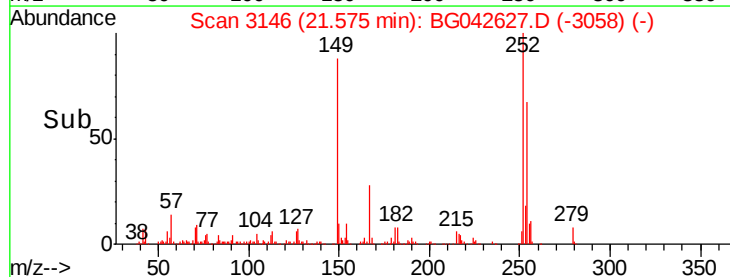
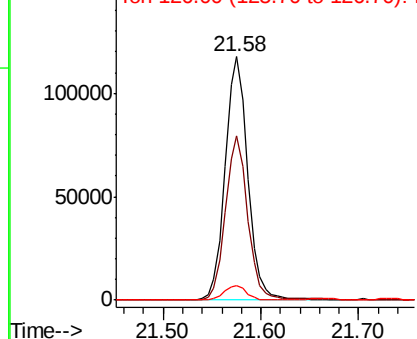
252 100

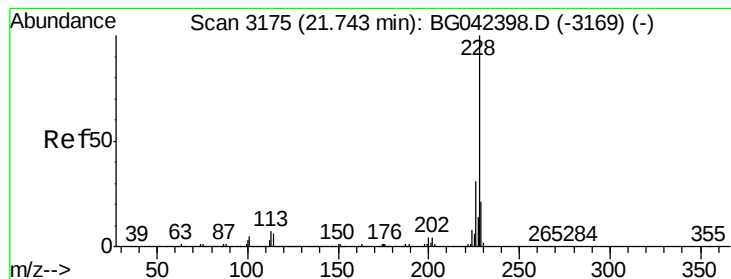
254 67.4 53.0 79.4

126 6.1 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: 43.188 ng

RT: 21.73 min Scan# 3172

Delta R.T. -0.01 min

Lab File: BG042627.D

Acq: 31 Aug 2019 10:05

Instrument :

BNA_G

ClientSampleId :

PB122684BSD

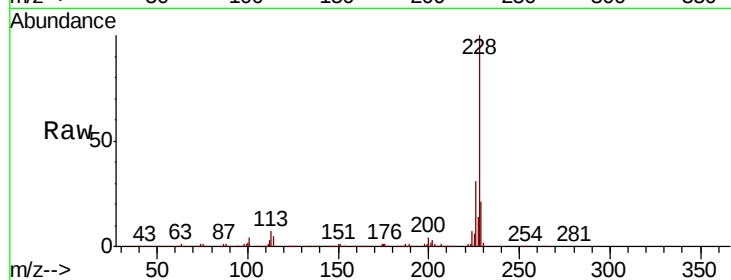
Tot Ion:228 Resp: 574089

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	20.6	16.9	25.3

228 100

226 30.9 24.9 37.3

229 20.6 16.9 25.3

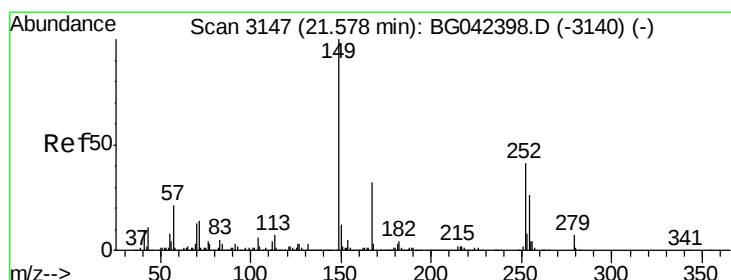
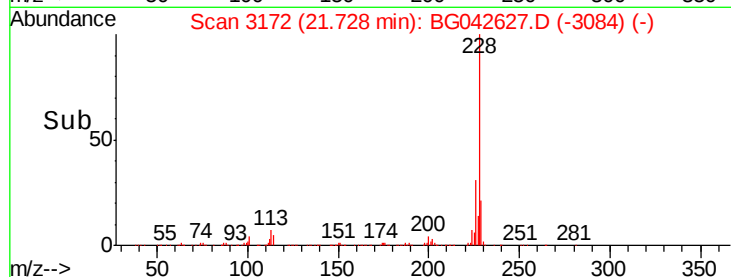
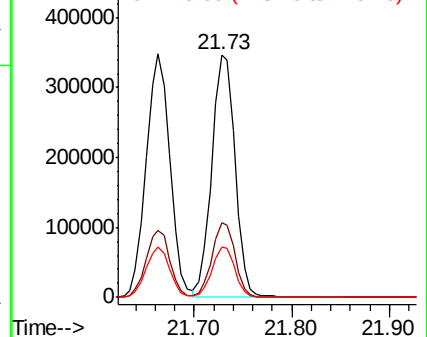


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.860 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG042627.D

Acq: 31 Aug 2019 10:05

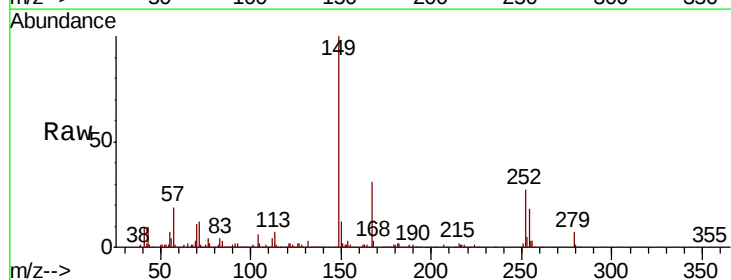
Tgt Ion:149 Resp: 309975

Ion	Ratio	Lower	Upper
149	100		
167	31.0	26.0	39.0
279	7.1	5.4	8.0

149 100

167 31.0 26.0 39.0

279 7.1 5.4 8.0

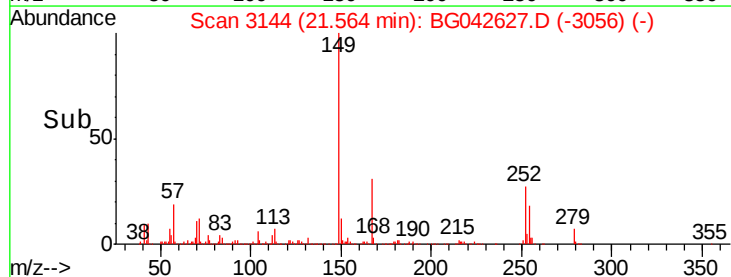
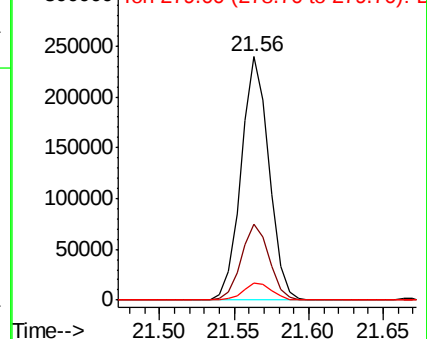


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.101 ng

RT: 22.78 min Scan# 3351

Delta R.T. -0.02 min

Lab File: BG042627.D

Acq: 31 Aug 2019 10:05

Instrument :

BNA_G

ClientSampleId :

PB122684BSD

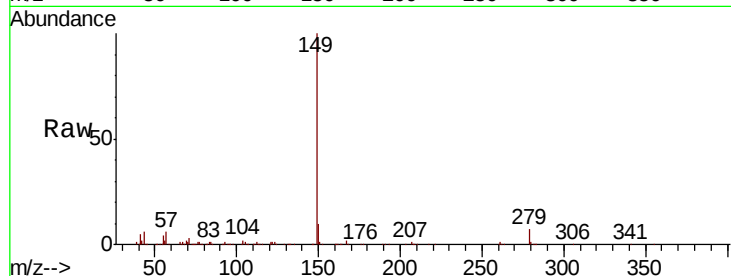
Tot Ion:149 Resp: 536273

Ion Ratio Lower Upper

149 100

167 1.8 1.6 2.4

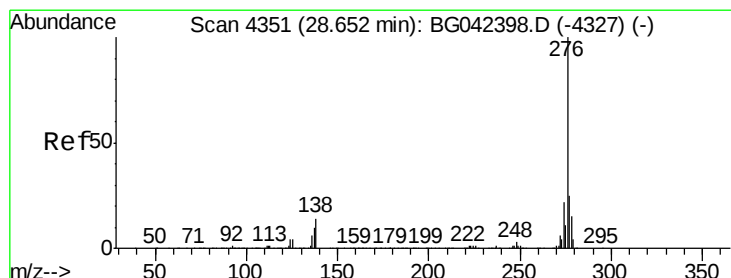
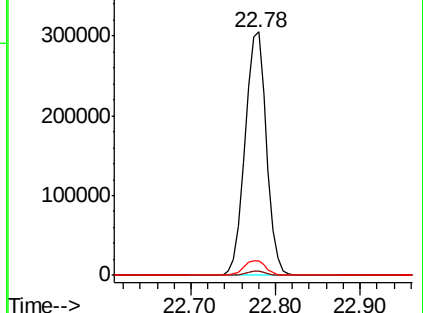
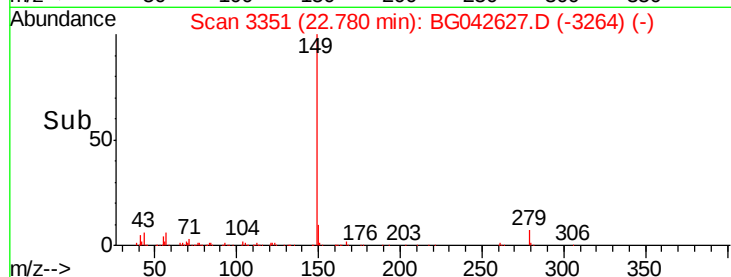
43 6.4 5.3 7.9



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: 41.390 ng

RT: 28.63 min Scan# 4346

Delta R.T. -0.03 min

Lab File: BG042627.D

Acq: 31 Aug 2019 10:05

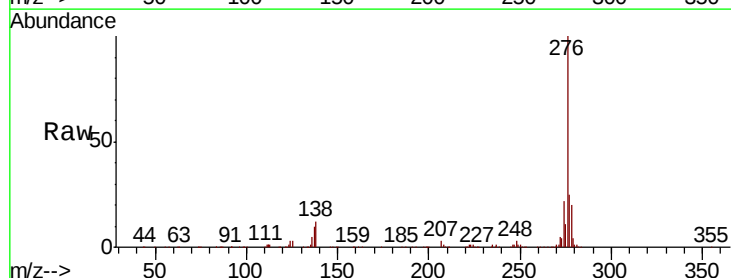
Tgt Ion:276 Resp: 747689

Ion Ratio Lower Upper

276 100

138 15.1 9.2 13.8#

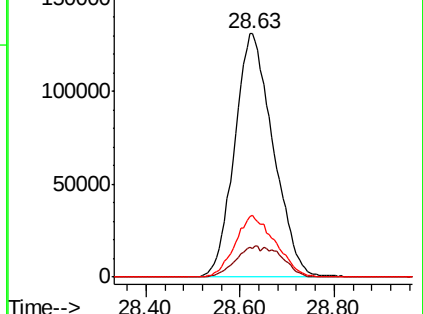
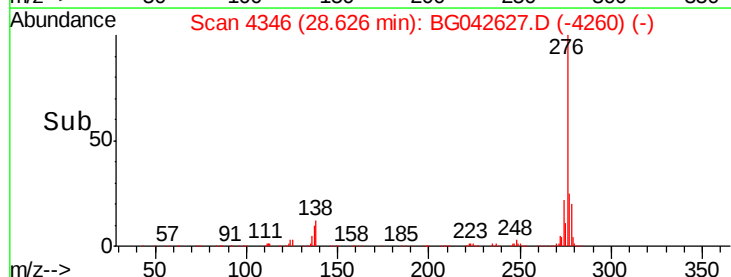
277 26.3 21.0 31.6

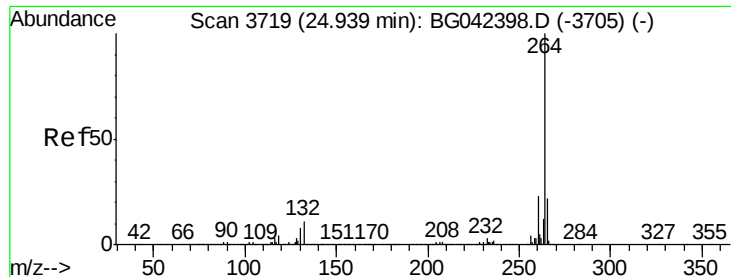


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3715

Delta R.T. -0.02 min

Lab File: BG042627.D

Acq: 31 Aug 2019 10:05

Instrument :

BNA_G

ClientSampleId :

PB122684BSD

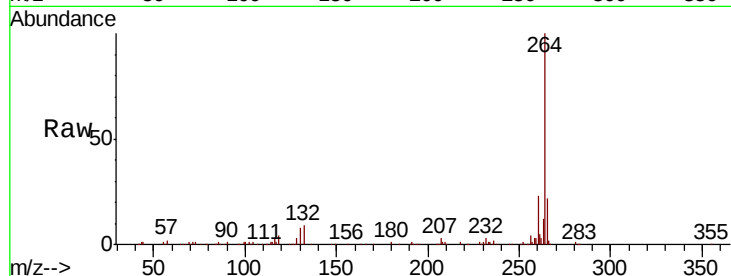
Tot Ion:264 Resp: 260256

Ion Ratio Lower Upper

264 100

260 22.6 18.5 27.7

265 21.6 17.6 26.4

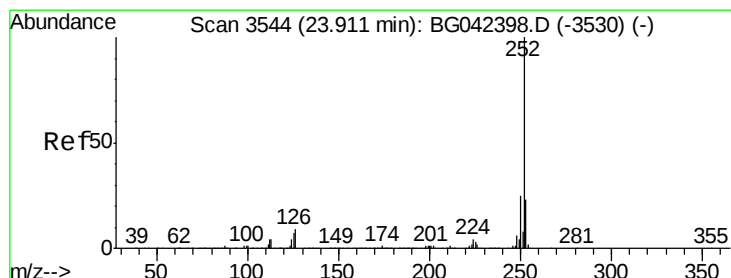
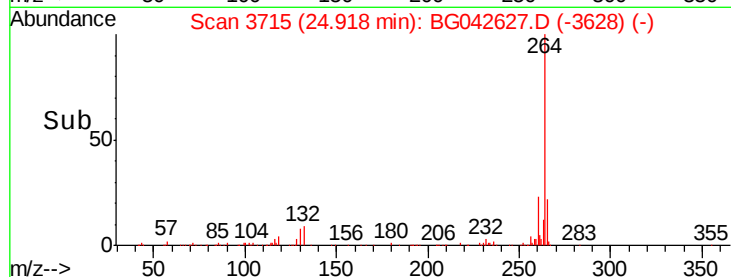
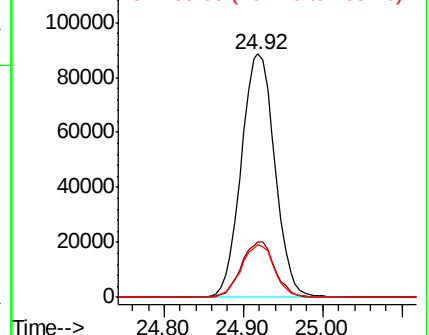


Abundance

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: 45.336 ng

RT: 23.89 min Scan# 3540

Delta R.T. -0.02 min

Lab File: BG042627.D

Acq: 31 Aug 2019 10:05

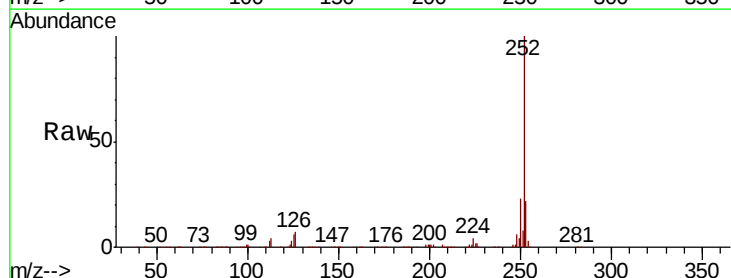
Tgt Ion:252 Resp: 648663

Ion Ratio Lower Upper

252 100

253 22.1 18.6 27.8

125 5.7 5.6 8.4

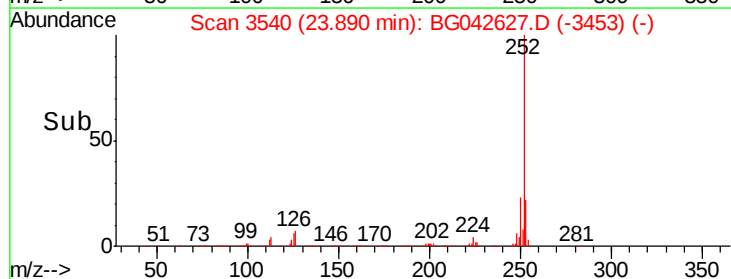
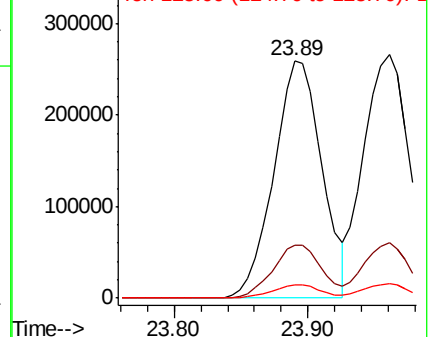


Abundance

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

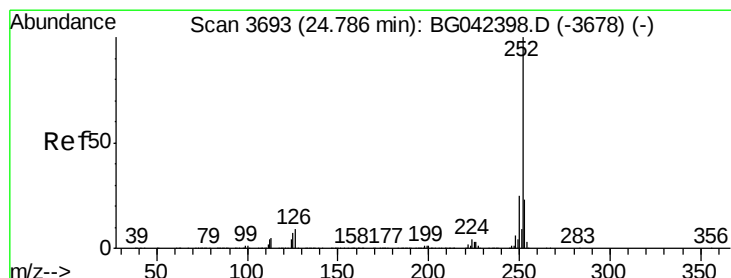
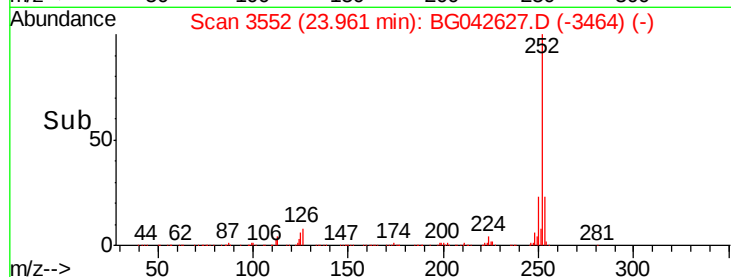
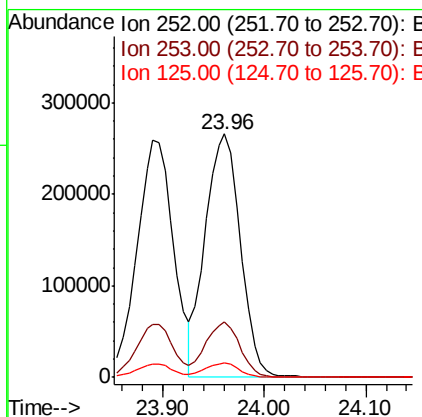
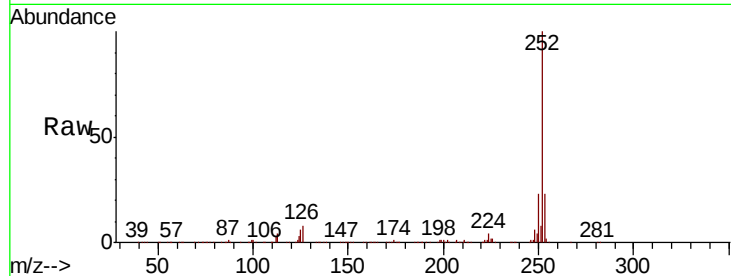




#89
Benzo(k)fluoranthene
Concen: 46.366 ng
RT: 23.96 min Scan# 3552
Delta R.T. -0.01 min
Lab File: BG042627.D
Acq: 31 Aug 2019 10:05

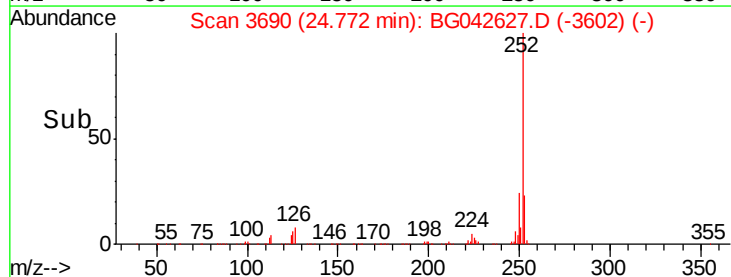
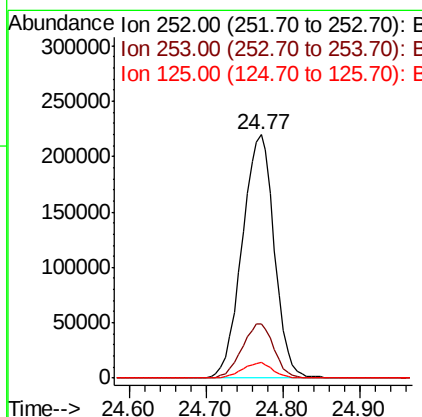
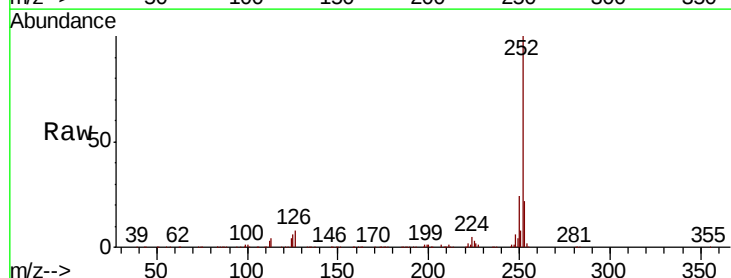
Instrument :
BNA_G
ClientSampleId :
PB122684BSD

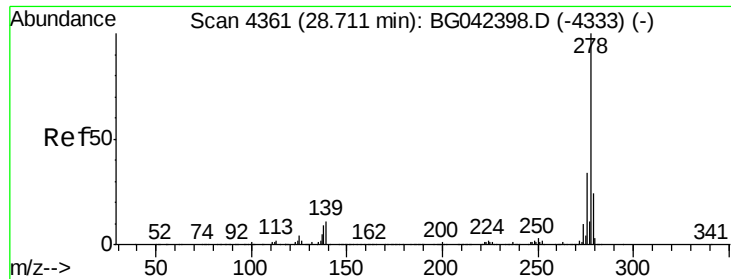
Tot Ion:252 Resp: 637673
Ion Ratio Lower Upper
252 100
253 22.8 18.6 27.8
125 5.9 5.8 8.6



#90
Benzo(a)pyrene
Concen: 47.097 ng
RT: 24.77 min Scan# 3690
Delta R.T. -0.01 min
Lab File: BG042627.D
Acq: 31 Aug 2019 10:05

Tgt Ion:252 Resp: 639441
Ion Ratio Lower Upper
252 100
253 22.5 18.4 27.6
125 6.3 6.0 9.0

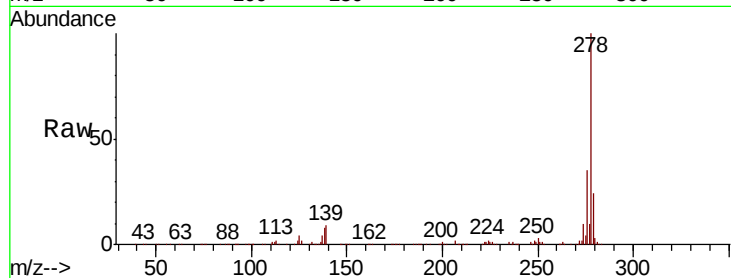




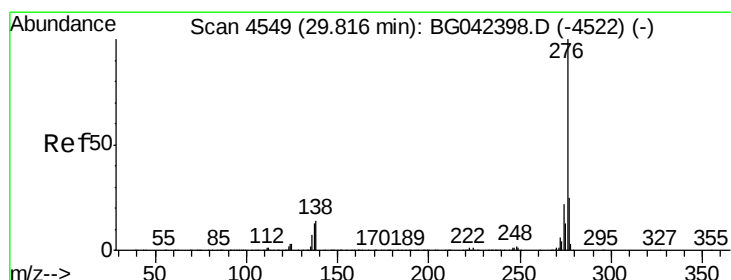
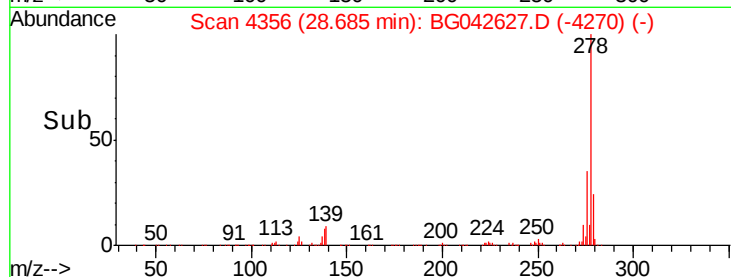
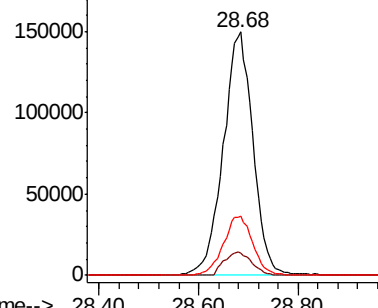
#91
Dibenzo(a,h)anthracene
Concen: 45.283 ng
RT: 28.68 min Scan# 4356
Delta R.T. -0.03 min
Lab File: BG042627.D
Acq: 31 Aug 2019 10:05

Instrument :
BNA_G
ClientSampleId :
PB122684BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.0	8.8	13.2
279	24.4	19.1	28.7

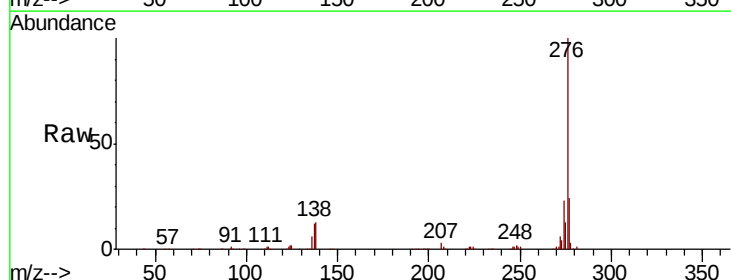


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.434 ng
RT: 29.79 min Scan# 4544
Delta R.T. -0.03 min
Lab File: BG042627.D
Acq: 31 Aug 2019 10:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.8	29.8
138	13.0	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

