

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG083019\
 Data File : BG042595.D
 Acq On : 30 Aug 2019 11:35
 Operator : HP/JU
 Sample : PB122666BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122666BS

Quant Time: Aug 30 14:21:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	32231	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	127313	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	91822	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	218018	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	247353	20.00	ng	-0.01
87) Perylene-d12	24.93	264	268951	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	180822	113.62	ng	0.00
7) Phenol-d6	7.17	99	222748	103.62	ng	0.00
23) Nitrobenzene-d5	9.16	82	117961	64.03	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	143280	109.78	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	377352	69.51	ng	0.00
79) Terphenyl-d14	20.02	244	767983	67.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	23207	34.943	ng	99
3) Pyridine	3.82	79	49755	29.216	ng	95
4) n-Nitrosodimethylamine	3.73	42	25395	41.751	ng	100
6) Aniline	7.31	93	77739	27.114	ng	98
8) 2-Chlorophenol	7.56	128	81899	42.464	ng	98
9) Benzaldehyde	7.12	77	47585	44.215	ng	95
10) Phenol	7.19	94	87987	40.257	ng	94
11) bis(2-Chloroethyl)ether	7.41	93	63522	37.006	ng	97
12) 1,3-Dichlorobenzene	7.89	146	94182	38.386	ng	99
13) 1,4-Dichlorobenzene	8.03	146	96667	38.896	ng	100
14) 1,2-Dichlorobenzene	8.35	146	91740	38.546	ng	99
15) Benzyl Alcohol	8.23	79	60448	39.085	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	80334	34.529	ng	98
17) 2-Methylphenol	8.45	107	63397	39.381	ng	96
18) Hexachloroethane	9.09	117	31650	37.200	ng	89
19) n-Nitroso-di-n-propylamine	8.80	70	48283	34.669	ng	95
20) 3+4-Methylphenols	8.78	107	85180	38.238	ng	98
22) Acetophenone	8.82	105	110450	40.562	ng	# 98
24) Nitrobenzene	9.20	77	73037	39.149	ng	99
25) Isophorone	9.73	82	133028	36.587	ng	99
26) 2-Nitrophenol	9.93	139	48548	41.525	ng	99
27) 2,4-Dimethylphenol	9.99	122	72300	44.894	ng	97
28) bis(2-Chloroethoxy)methane	10.21	93	83747	36.545	ng	98
29) 2,4-Dichlorophenol	10.47	162	89711	42.576	ng	98
30) 1,2,4-Trichlorobenzene	10.68	180	104899	40.560	ng	99
31) Naphthalene	10.87	128	239824	40.574	ng	97
32) Benzoic acid	10.14	122	32173	31.011	ng	95
33) 4-Chloroaniline	10.98	127	63997	23.454	ng	98
34) Hexachlorobutadiene	11.15	225	70389	40.496	ng	99
35) Caprolactam	11.75	113	15400	21.904	ng	90
36) 4-Chloro-3-methylphenol	12.11	107	78717	39.354	ng	99
37) 2-Methylnaphthalene	12.48	142	190519	40.142	ng	99
38) 1-Methylnaphthalene	12.70	142	178443	39.582	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	129749	44.002	ng	99

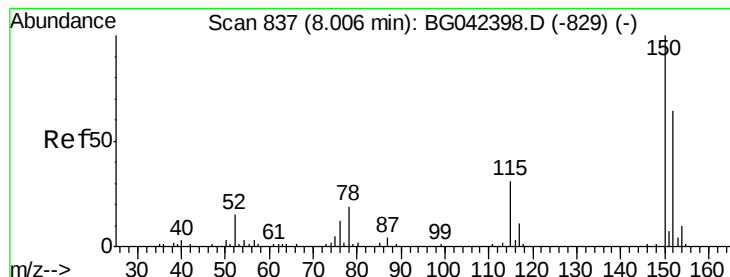
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG083019\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	110393	71.270	ng	98
43) 2,4,6-Trichlorophenol	13.09	196	80261	40.268	ng	99
44) 2,4,5-Trichlorophenol	13.17	196	90318	43.728	ng	99
46) 1,1'-Biphenyl	13.49	154	249746	42.077	ng	97
47) 2-Chloronaphthalene	13.53	162	205130	40.081	ng	98
48) 2-Nitroaniline	13.73	65	44595	36.134	ng	92
49) Acenaphthylene	14.38	152	316268	41.075	ng	99
50) Dimethylphthalate	14.11	163	253917	38.325	ng	100
51) 2,6-Dinitrotoluene	14.23	165	61442	40.009	ng	97
52) Acenaphthene	14.72	154	186253	39.837	ng	99
53) 3-Nitroaniline	14.56	138	41660	27.125	ng	97
54) 2,4-Dinitrophenol	14.77	184	64775	63.936	ng	96
55) Dibenzofuran	15.06	168	324065	41.874	ng	100
56) 4-Nitrophenol	14.89	139	87070	79.783	ng	95
57) 2,4-Dinitrotoluene	15.02	165	85840	39.034	ng	96
58) Fluorene	15.71	166	259243	40.978	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	87195	42.688	ng	# 93
60) Diethylphthalate	15.47	149	246213	38.016	ng	98
61) 4-Chlorophenyl-phenylether	15.70	204	153009	40.122	ng	98
62) 4-Nitroaniline	15.73	138	61531	37.434	ng	95
63) Azobenzene	15.99	77	169142	38.113	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	53940	39.462	ng	97
66) n-Nitrosodiphenylamine	15.91	169	235950	39.353	ng	100
67) 4-Bromophenyl-phenylether	16.60	248	107651	38.928	ng	98
68) Hexachlorobenzene	16.72	284	114832	38.198	ng	96
69) Atrazine	16.86	200	90382	42.628	ng	98
70) Pentachlorophenol	17.07	266	129380	82.831	ng	99
71) Phenanthrene	17.45	178	447651	41.337	ng	99
72) Anthracene	17.54	178	454609	42.051	ng	99
73) Carbazole	17.81	167	403970	41.927	ng	98
74) Di-n-butylphthalate	18.37	149	456677	40.096	ng	99
75) Fluoranthene	19.46	202	604884	45.768	ng	97
77) Benzidine	19.64	184	238706	33.660	ng	99
78) Pyrene	19.83	202	612207	40.369	ng	98
80) Butylbenzylphthalate	20.71	149	221518	37.138	ng	97
81) Benzo(a)anthracene	21.67	228	616564	40.976	ng	97
82) 3,3'-Dichlorobenzidine	21.58	252	213912	35.348	ng	98
83) Chrysene	21.73	228	592285	40.815	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	316448	38.210	ng	98
85) Di-n-octyl phthalate	22.78	149	555471	38.997	ng	99
86) Indeno(1,2,3-cd)pyrene	28.63	276	782082	39.658	ng	# 91
88) Benzo(b)fluoranthene	23.90	252	682893	46.185	ng	98
89) Benzo(k)fluoranthene	23.96	252	647935	45.589	ng	99
90) Benzo(a)pyrene	24.77	252	663036	47.256	ng	98
91) Dibenzo(a,h)anthracene	28.69	278	649419	45.714	ng	98
92) Benzo(g,h,i)perylene	29.80	276	654543	46.068	ng	96

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

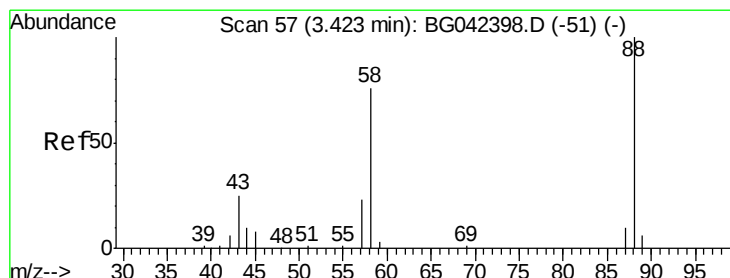
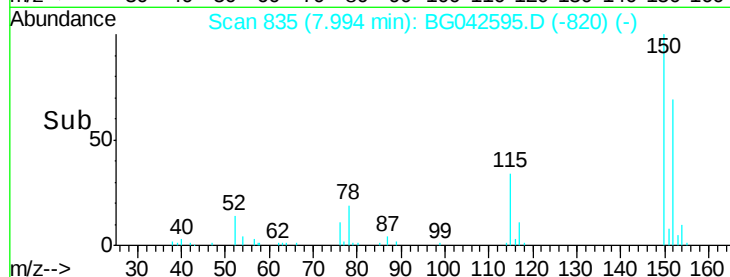
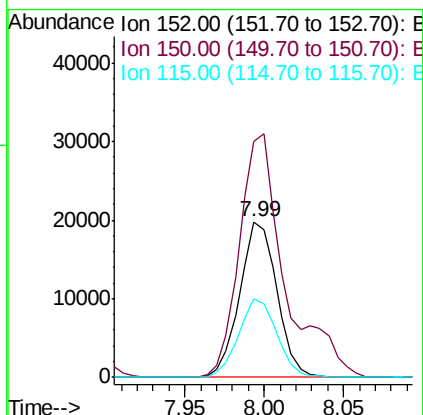
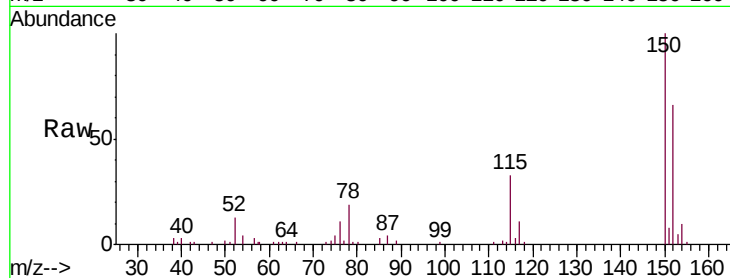


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042595.D
Acq: 30 Aug 2019 11:35

Instrument :
BNA_G
ClientSampleId :
PB122666BS

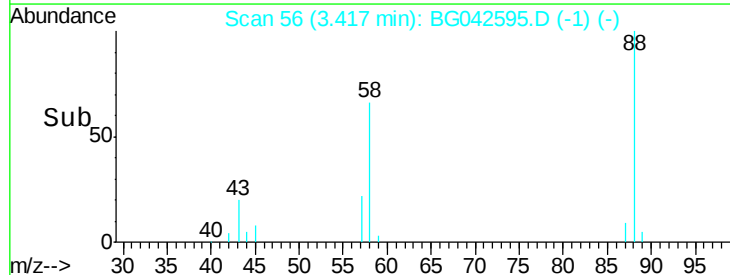
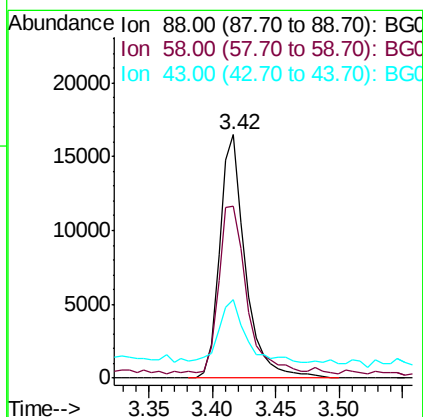
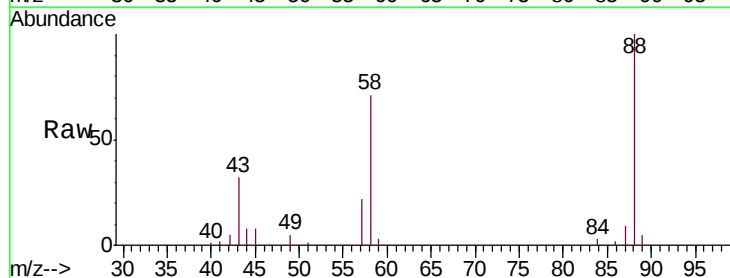
Tgt Ion:152 Resp: 32231
Ion Ratio Lower Upper
152 100
150 151.8 125.4 188.0
115 50.0 38.5 57.7

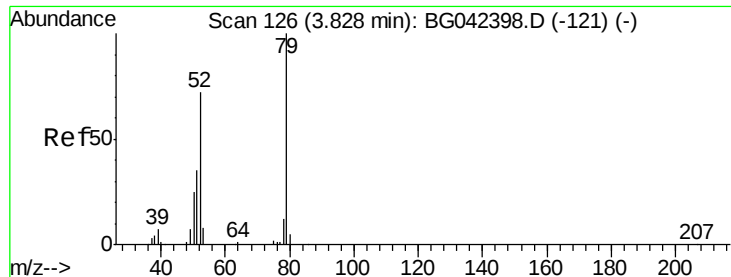


#2

1,4-Dioxane
Concen: 34.943 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG042595.D
Acq: 30 Aug 2019 11:35

Tgt Ion: 88 Resp: 23207
Ion Ratio Lower Upper
88 100
58 73.0 58.3 87.5
43 27.0 20.2 30.2





#3

Pyridine

Concen: 29.216 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042595.D

Acq: 30 Aug 2019 11:35

Instrument :

BNA_G

ClientSampleId :

PB122666BS

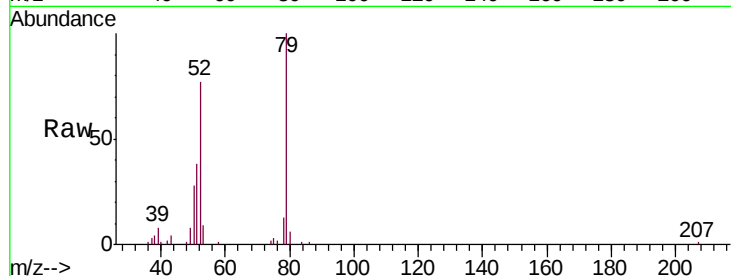
Tgt Ion: 79 Resp: 49755

Ion Ratio Lower Upper

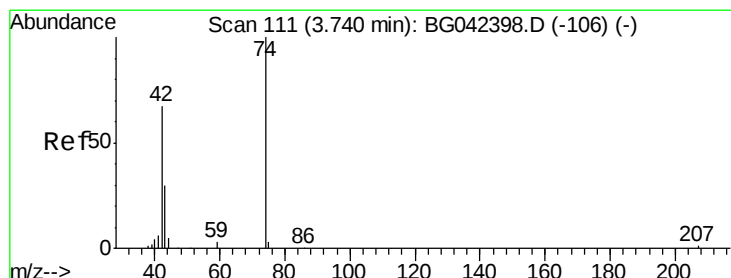
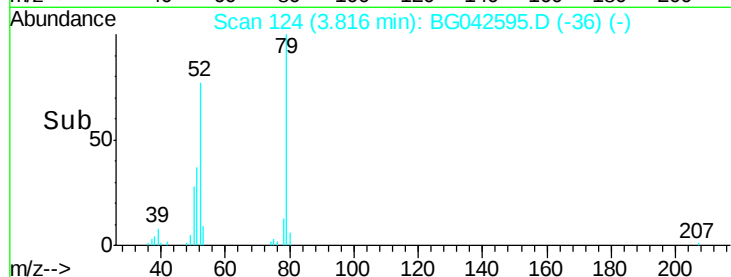
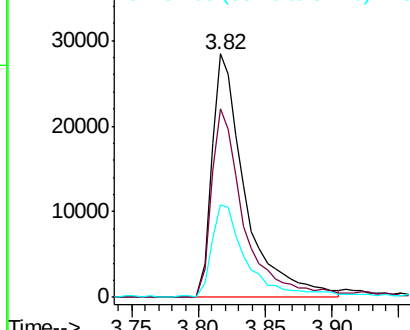
79 100

52 77.4 57.7 86.5

51 38.2 28.8 43.2



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 41.751 ng

RT: 3.73 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG042595.D

Acq: 30 Aug 2019 11:35

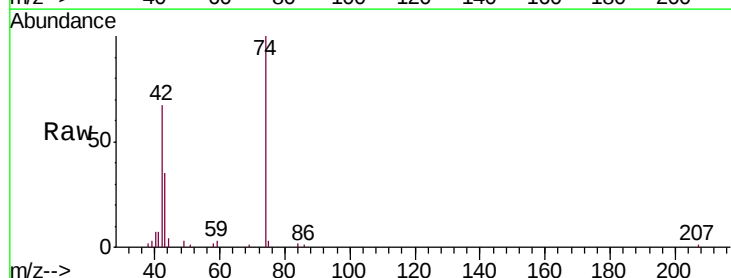
Tgt Ion: 42 Resp: 25395

Ion Ratio Lower Upper

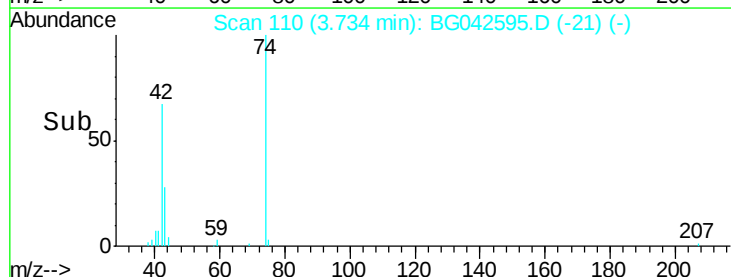
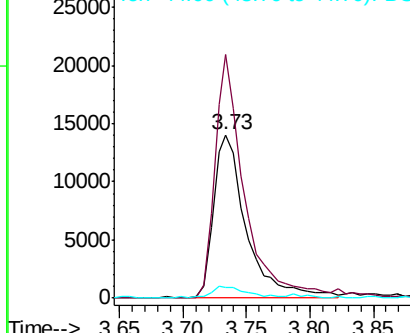
42 100

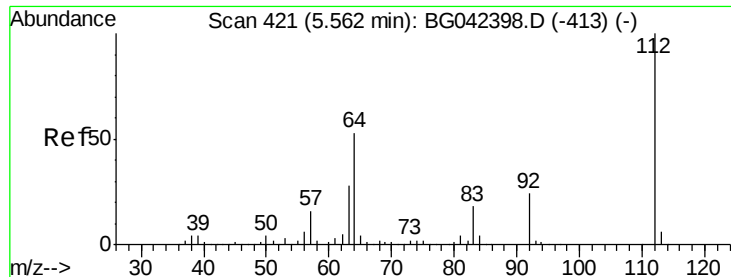
74 149.4 119.6 179.4

44 6.7 6.5 9.7



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 113.623 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042595.D

Acq: 30 Aug 2019 11:35

Instrument :

BNA_G

ClientSampleId :

PB122666BS

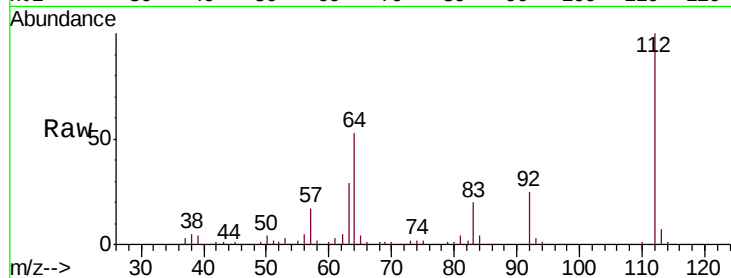
Tgt Ion: 112 Resp: 180822

Ion Ratio Lower Upper

112 100

64 53.0 42.8 64.2

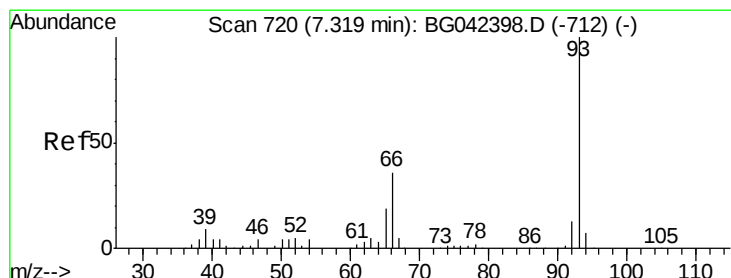
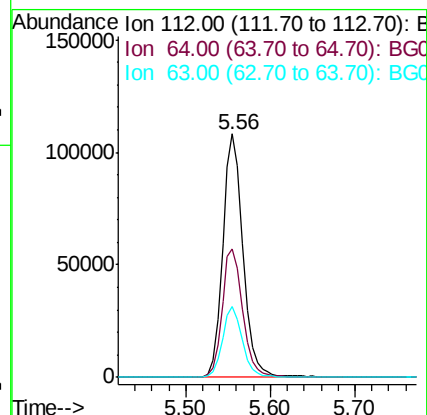
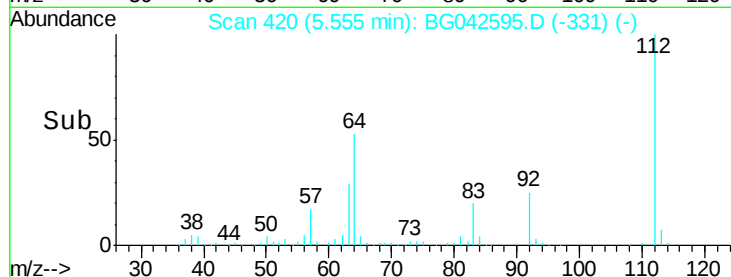
63 29.1 22.7 34.1



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: 27.114 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG042595.D

Acq: 30 Aug 2019 11:35

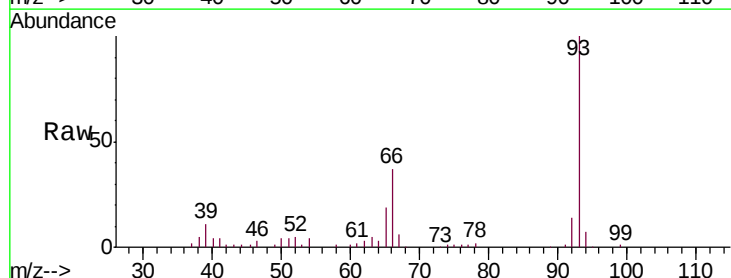
Tgt Ion: 93 Resp: 77739

Ion Ratio Lower Upper

93 100

66 37.3 29.0 43.6

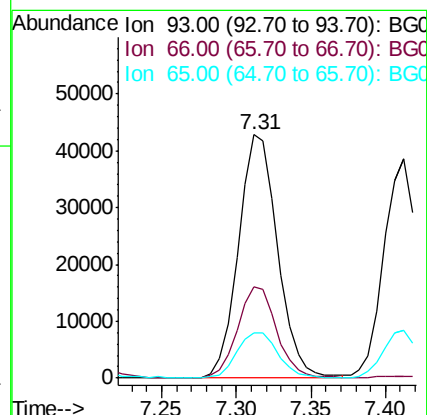
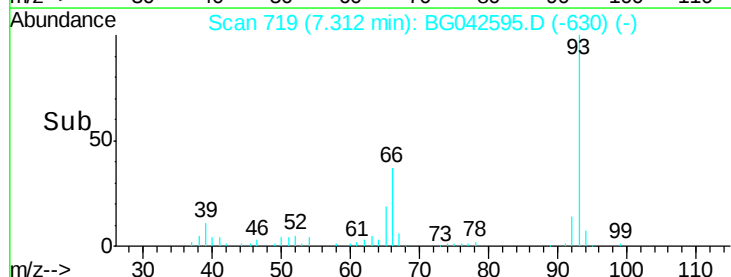
65 18.5 15.2 22.8

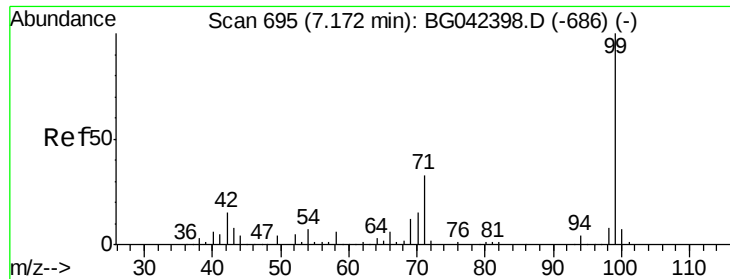


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 103.620 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042595.D

Acq: 30 Aug 2019 11:35

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ClientSampleId :

PB122666BS

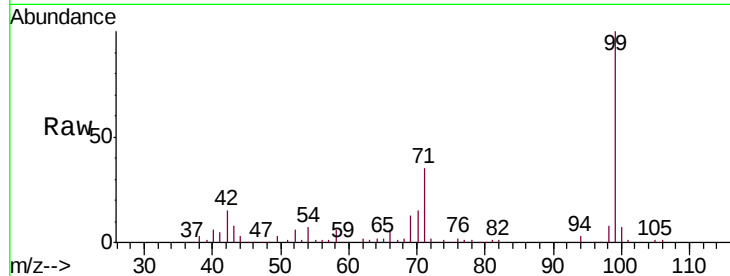
Tgt Ion: 99 Resp: 222748

Ion Ratio Lower Upper

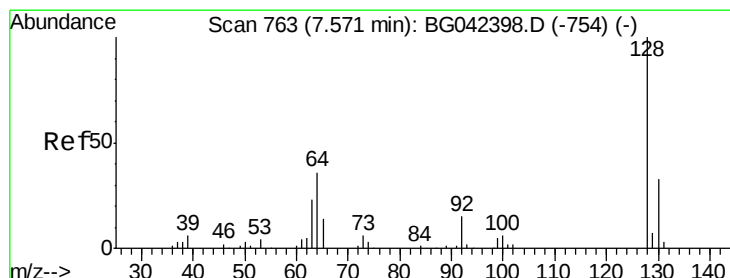
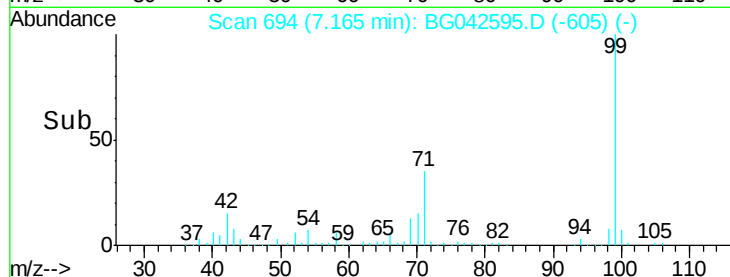
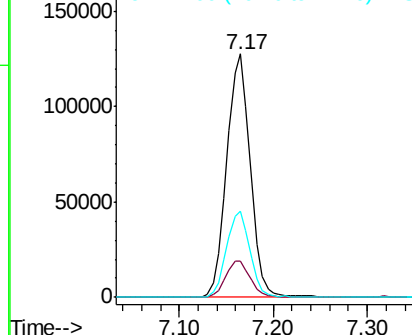
99 100

42 14.9 12.0 18.0

71 35.5 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: 42.464 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BG042595.D

Acq: 30 Aug 2019 11:35

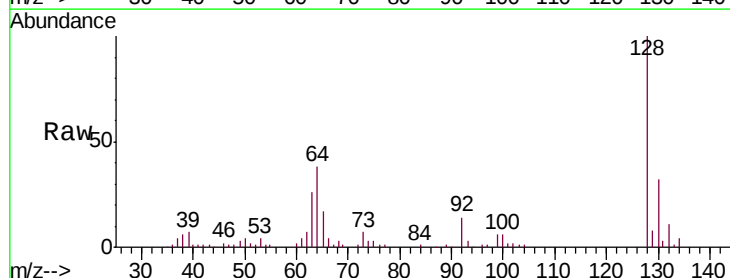
Tgt Ion: 128 Resp: 81899

Ion Ratio Lower Upper

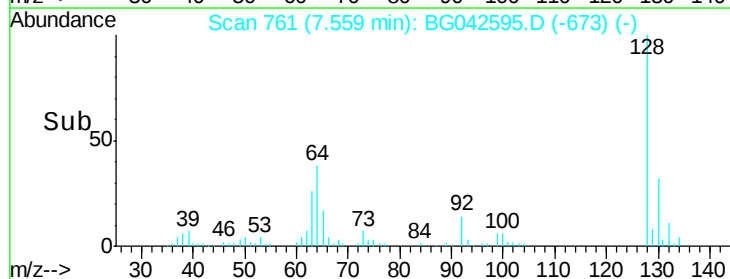
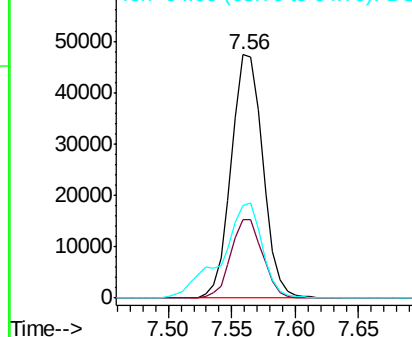
128 100

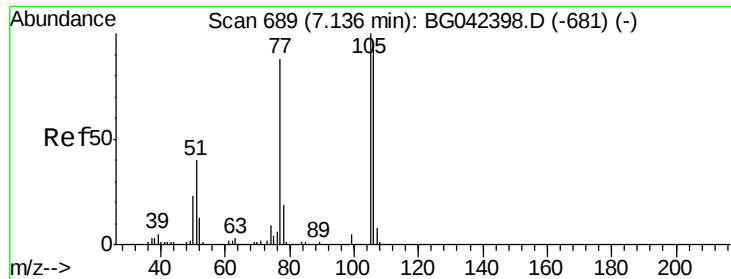
130 32.3 12.8 52.8

64 37.8 19.2 59.2



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





#9

Benzaldehyde

Concen: 44.215 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG042595.D

Acq: 30 Aug 2019 11:35

Instrument :

BNA_G

ClientSampleId :

PB122666BS

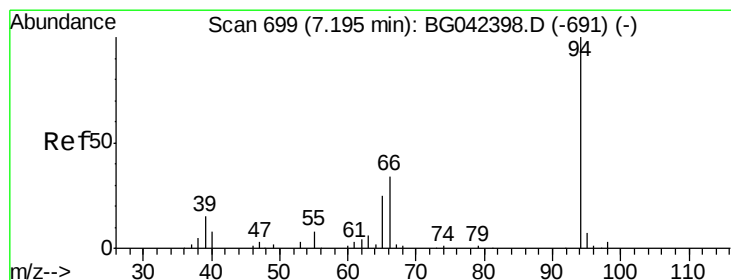
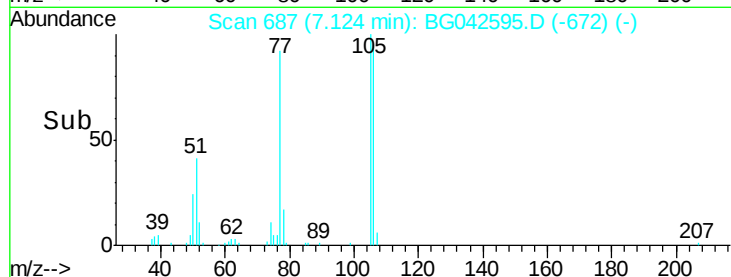
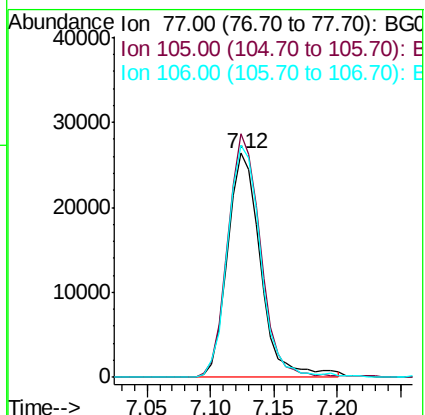
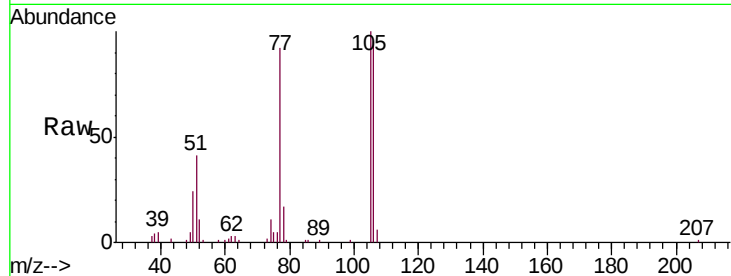
Tgt Ion: 77 Resp: 47585

Ion Ratio Lower Upper

77 100

105 108.6 93.4 133.4

106 103.5 88.4 128.4



#10

Phenol

Concen: 40.257 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042595.D

Acq: 30 Aug 2019 11:35

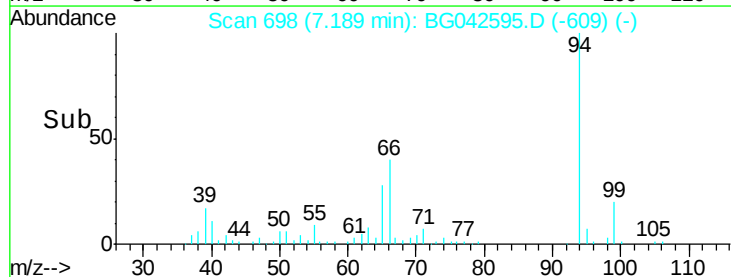
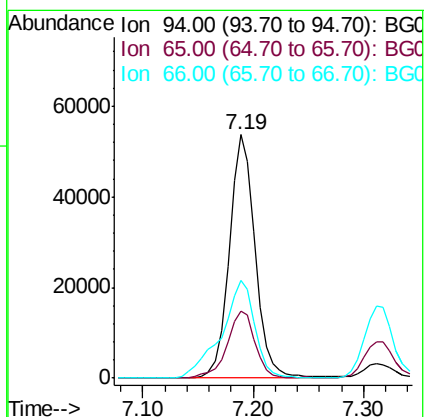
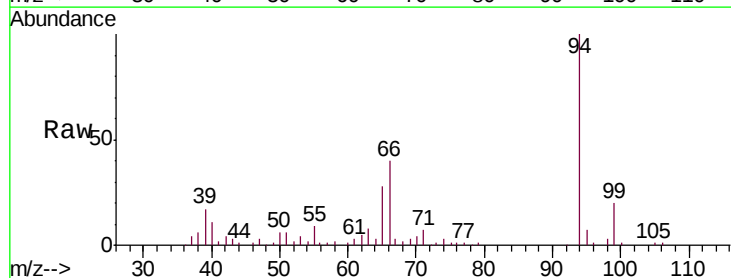
Tgt Ion: 94 Resp: 87987

Ion Ratio Lower Upper

94 100

65 27.6 5.6 45.6

66 40.4 16.0 56.0





#11

bis(2-Chloroethyl)ether

Concen: 37.006 ng

RT: 7.41 min Scan# 736

Delta R.T. -0.01 min

Lab File: BG042595.D

Acq: 30 Aug 2019 11:35

Instrument :

BNA_G

ClientSampleId :

PB122666BS

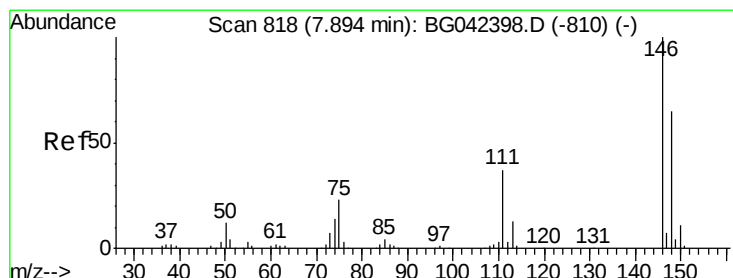
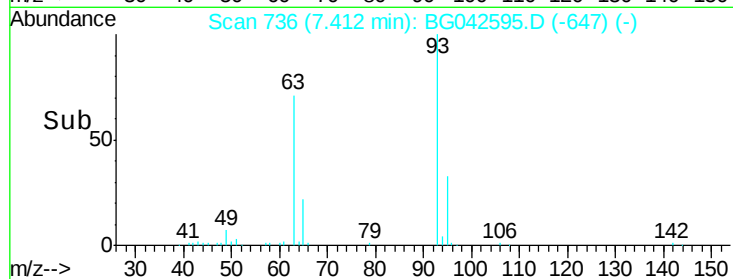
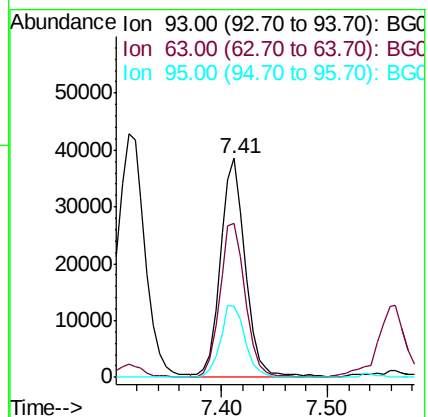
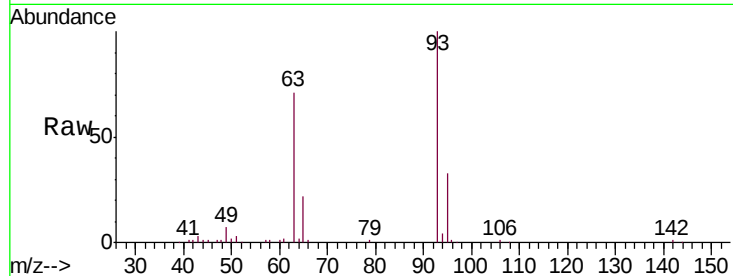
Tgt Ion: 93 Resp: 63522

Ion Ratio Lower Upper

93 100

63 70.6 53.8 93.8

95 32.5 13.1 53.1



#12

1,3-Dichlorobenzene

Concen: 38.386 ng

RT: 7.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BG042595.D

Acq: 30 Aug 2019 11:35

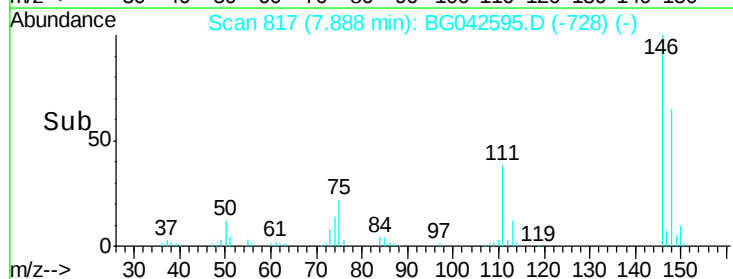
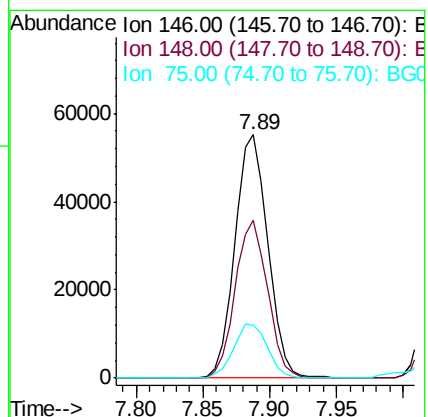
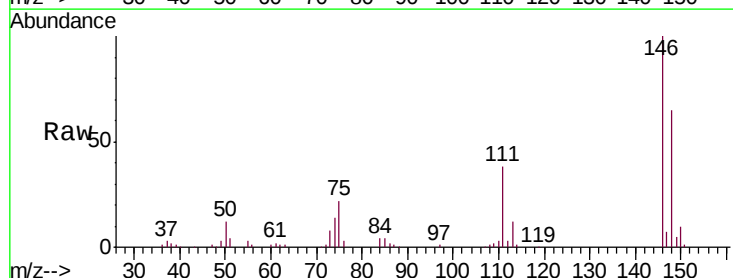
Tgt Ion: 146 Resp: 94182

Ion Ratio Lower Upper

146 100

148 65.0 52.2 78.2

75 21.8 18.0 27.0

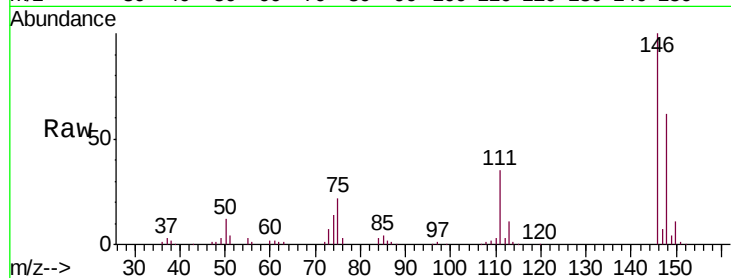




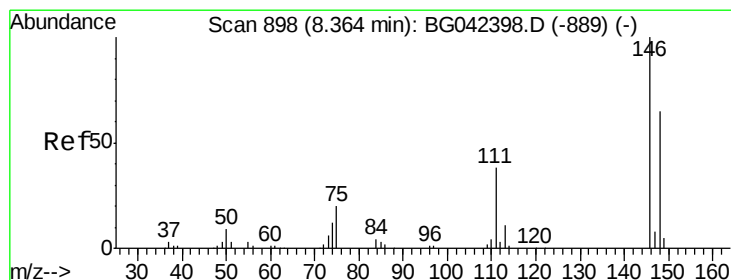
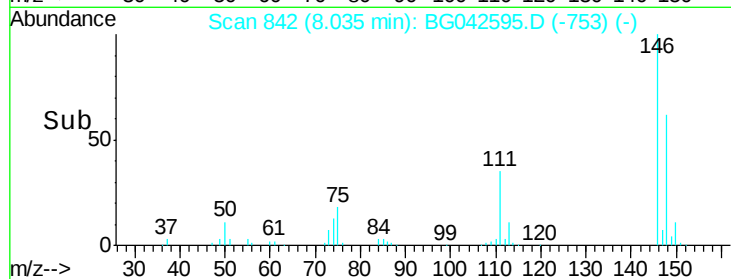
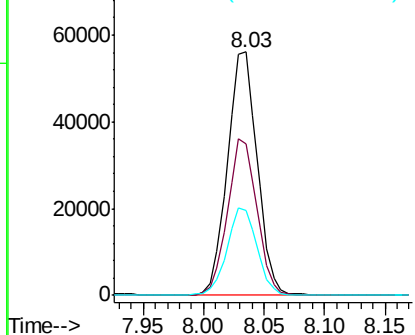
#13
 1,4-Dichlorobenzene
 Concen: 38.896 ng
 RT: 8.03 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG042595.D
 Acq: 30 Aug 2019 11:35

Instrument :
 BNA_G
 ClientSampleId :
 PB122666BS

Tgt Ion:146 Resp: 96667
 Ion Ratio Lower Upper
 146 100
 148 62.4 49.5 74.3
 111 35.0 28.1 42.1

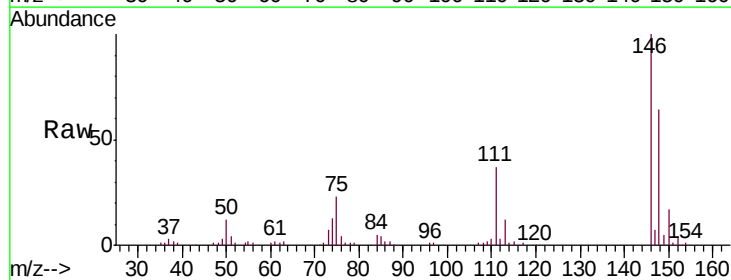


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

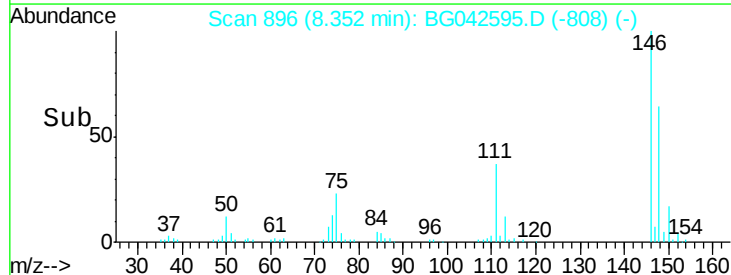
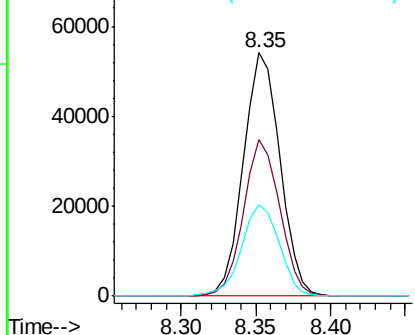


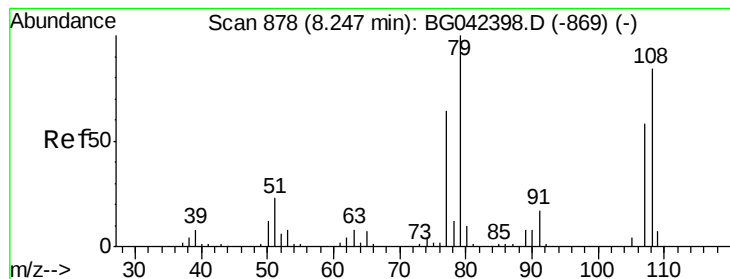
#14
 1,2-Dichlorobenzene
 Concen: 38.546 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG042595.D
 Acq: 30 Aug 2019 11:35

Tgt Ion:146 Resp: 91740
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.8 77.6
 111 37.3 30.9 46.3



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





#15

Benzyl Alcohol

Concen: 39.085 ng

RT: 8.23 min Scan# 876

Delta R.T. -0.01 min

Lab File: BG042595.D

Acq: 30 Aug 2019 11:35

Instrument :

BNA_G

ClientSampleId :

PB122666BS

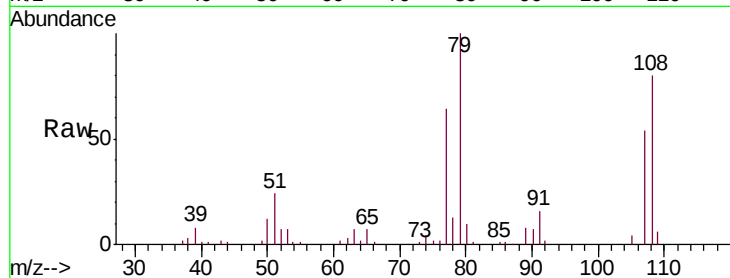
Tgt Ion: 79 Resp: 60448

Ion Ratio Lower Upper

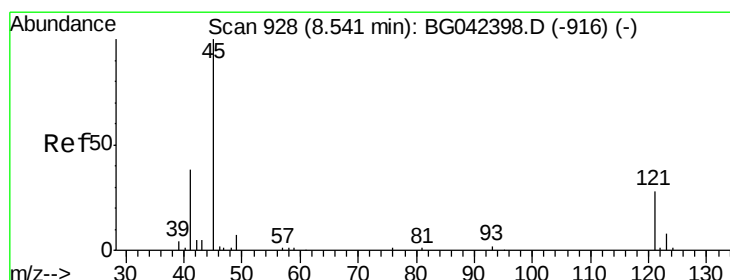
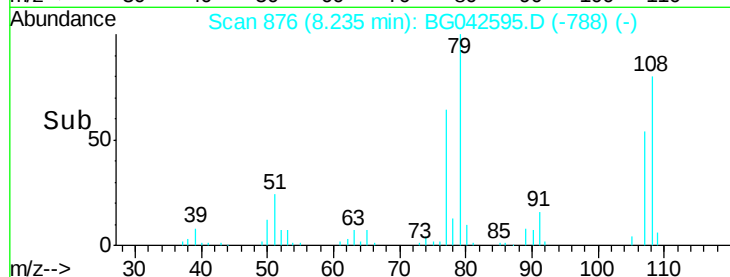
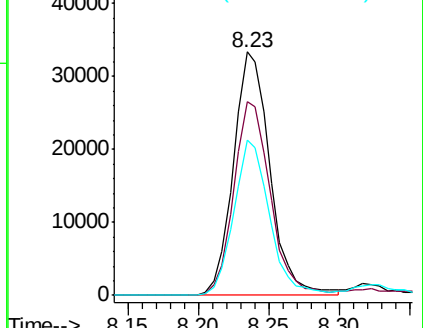
79 100

108 79.6 67.4 101.2

77 63.6 50.8 76.2



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.529 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG042595.D

Acq: 30 Aug 2019 11:35

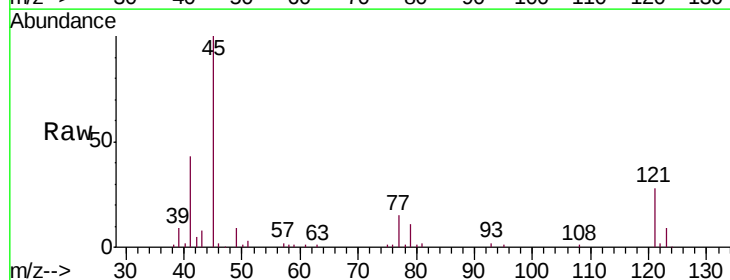
Tgt Ion: 45 Resp: 80334

Ion Ratio Lower Upper

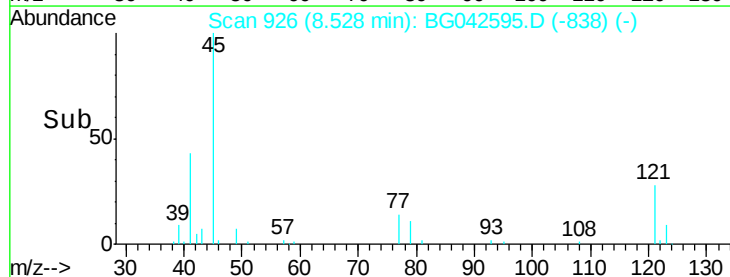
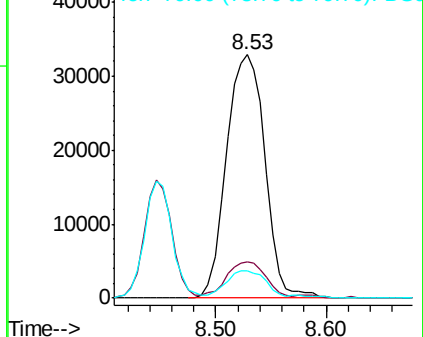
45 100

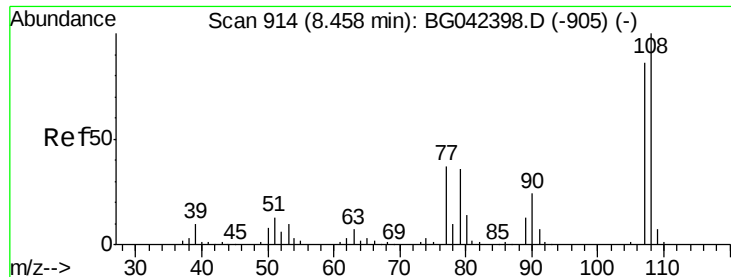
77 14.7 0.0 35.6

79 11.2 0.0 31.6



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

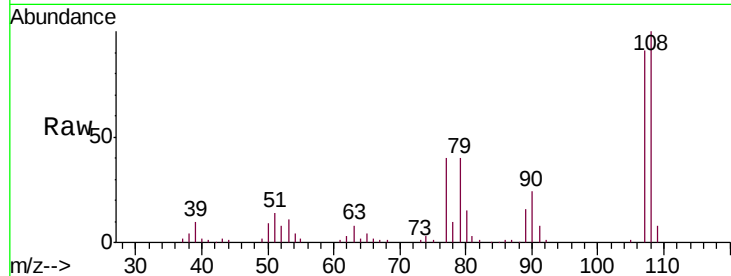




#17
 2-Methylphenol
 Concen: 39.381 ng
 RT: 8.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BG042595.D
 Acq: 30 Aug 2019 11:35

Instrument :
 BNA_G
 ClientSampleId :
 PB122666BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	110.2	92.9	139.3
77	44.1	34.4	51.6
79	43.8	33.8	50.6



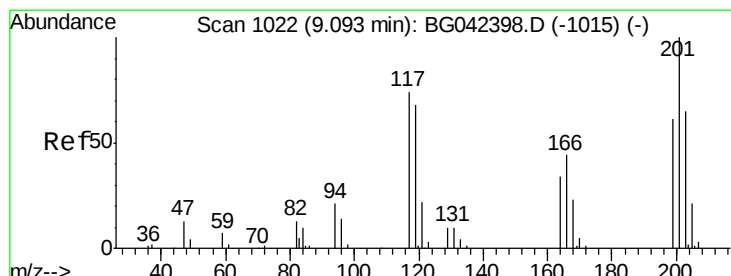
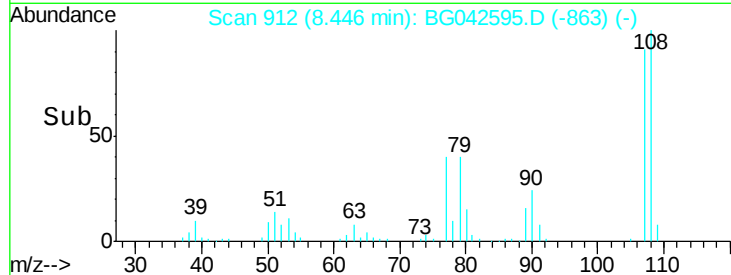
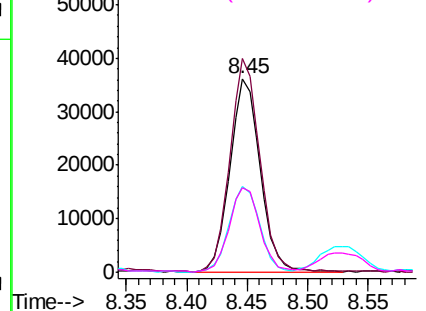
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

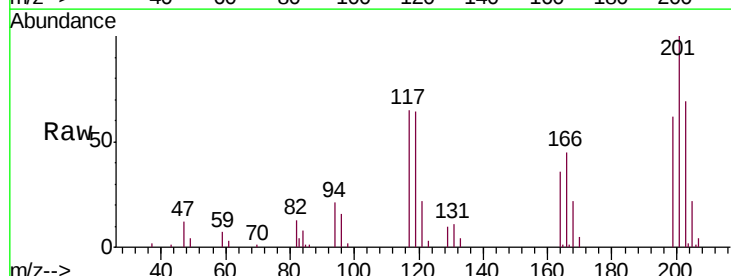
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
 Hexachloroethane
 Concen: 37.200 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BG042595.D
 Acq: 30 Aug 2019 11:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.6	73.8	110.8
201	153.0	108.3	162.5

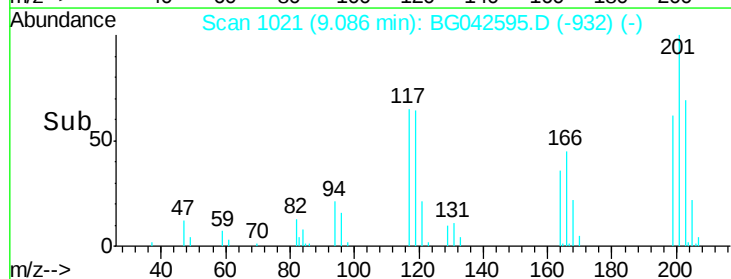
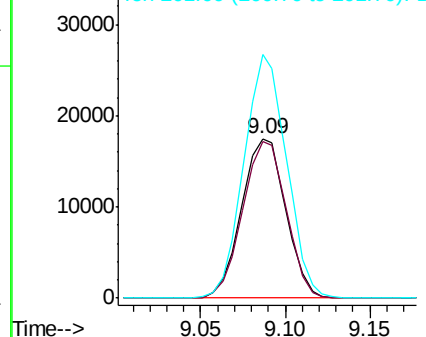


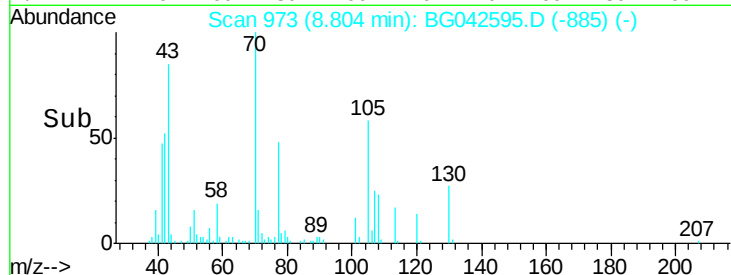
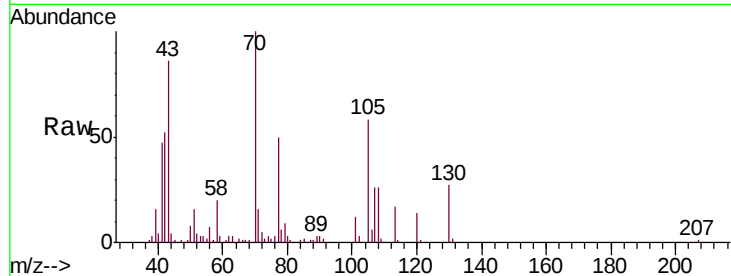
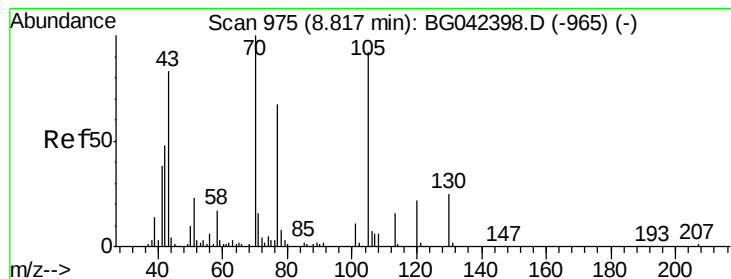
Abundance

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: 34.669 ng

RT: 8.80 min Scan# 973

Delta R.T. -0.01 min

Lab File: BG042595.D

Acq: 30 Aug 2019 11:35

Instrument :

BNA_G

ClientSampleId :

PB122666BS

Tgt Ion: 70 Resp: 48283

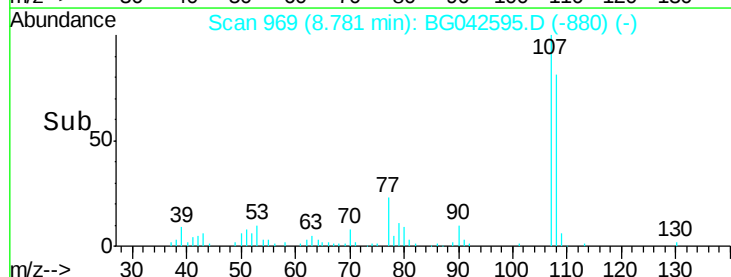
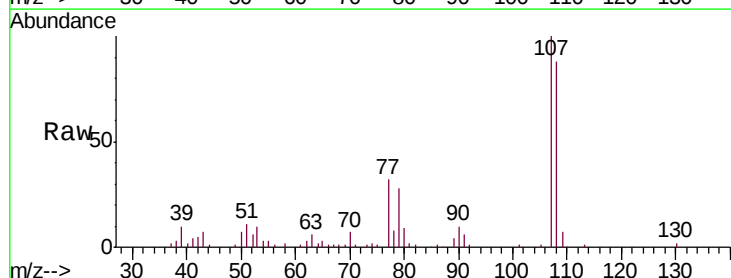
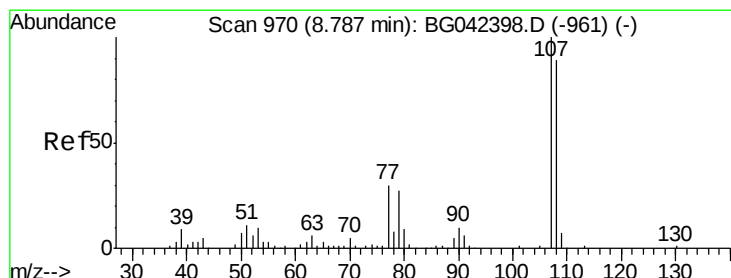
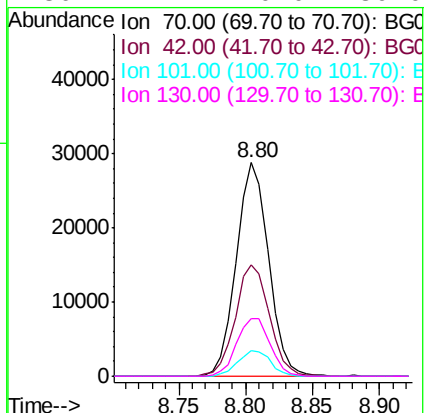
Ion Ratio Lower Upper

70 100

42 52.2 38.8 58.2

101 11.9 9.0 13.6

130 27.2 20.0 30.0



#20

3+4-Methylphenols

Concen: 38.238 ng

RT: 8.78 min Scan# 969

Delta R.T. -0.01 min

Lab File: BG042595.D

Acq: 30 Aug 2019 11:35

Tgt Ion: 107 Resp: 85180

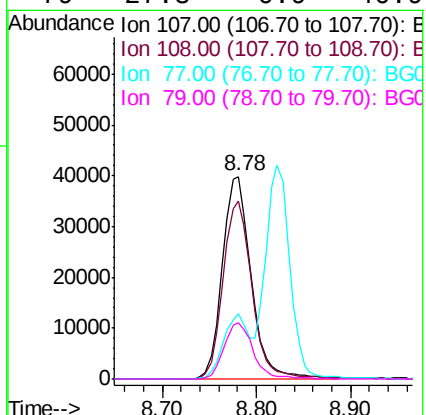
Ion Ratio Lower Upper

107 100

108 87.8 68.7 108.7

77 32.3 10.2 50.2

79 27.8 6.9 46.9

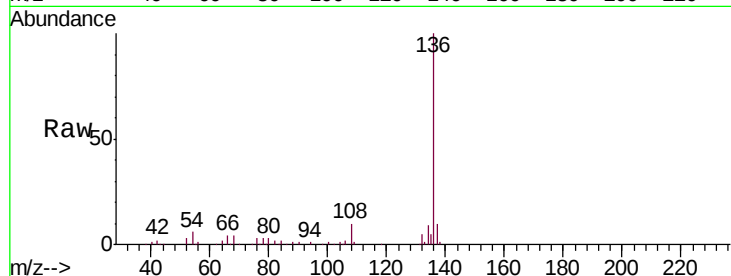




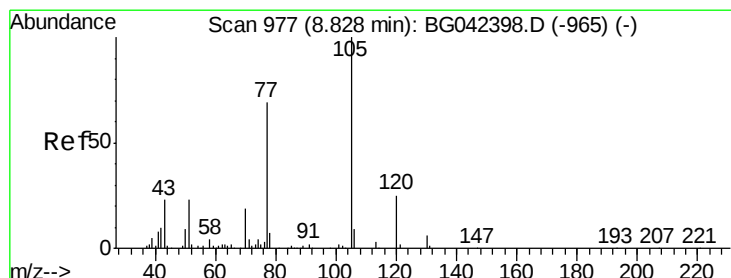
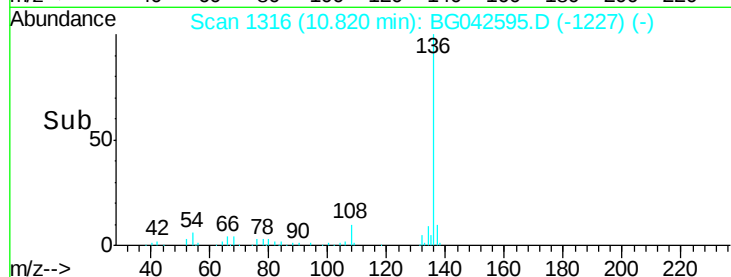
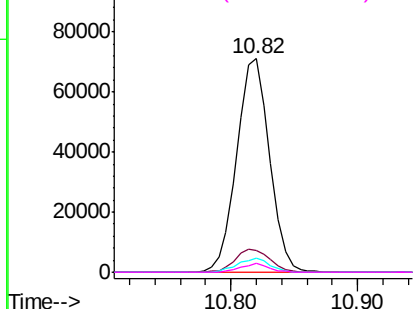
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042595.D
Acq: 30 Aug 2019 11:35

Instrument :
BNA_G
ClientSampleId :
PB122666BS

Tgt Ion:	136	Resp:	127313
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	6.5	4.9	7.3
68	4.0	3.6	5.4

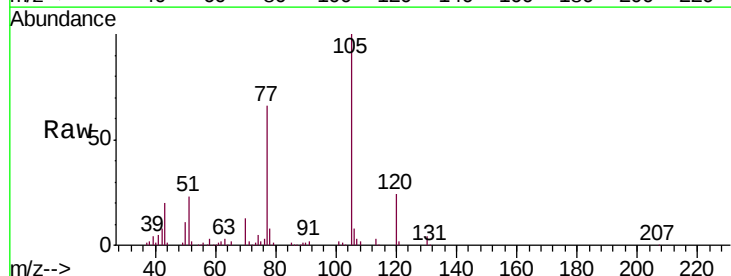


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

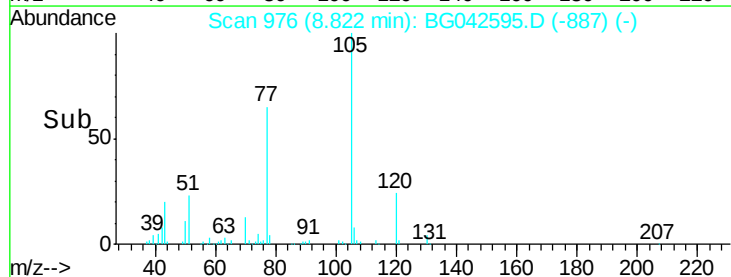
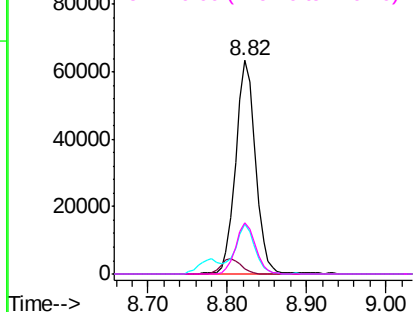


#22
Acetophenone
Concen: 40.562 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG042595.D
Acq: 30 Aug 2019 11:35

Tgt Ion:	105	Resp:	110450
Ion	Ratio	Lower	Upper
105	100		
71	2.3	2.8	4.2#
51	23.3	18.7	28.1
120	23.8	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

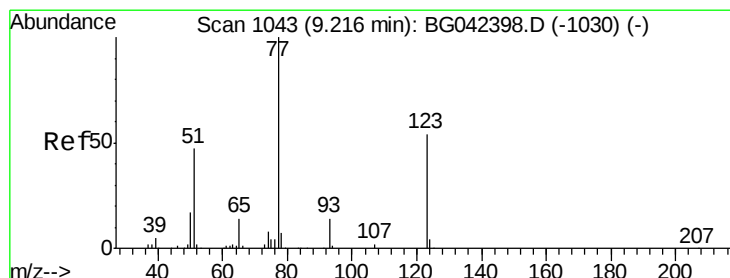
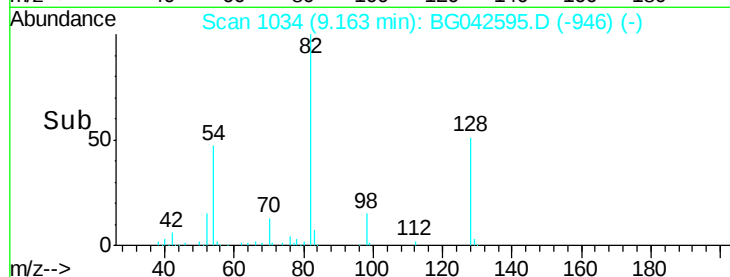
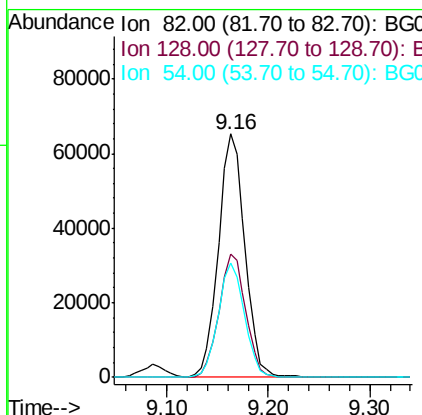
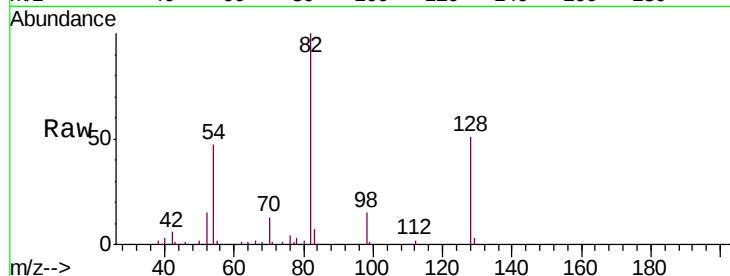




#23
 Nitrobenzene-d5
 Concen: 64.028 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042595.D
 Acq: 30 Aug 2019 11:35

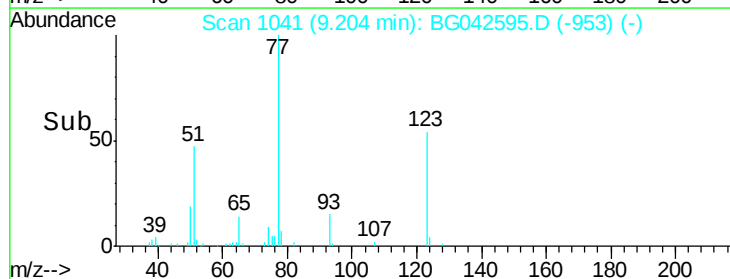
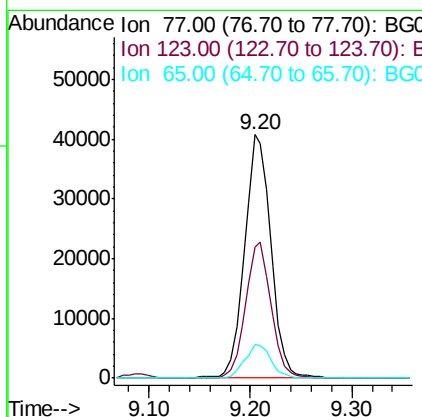
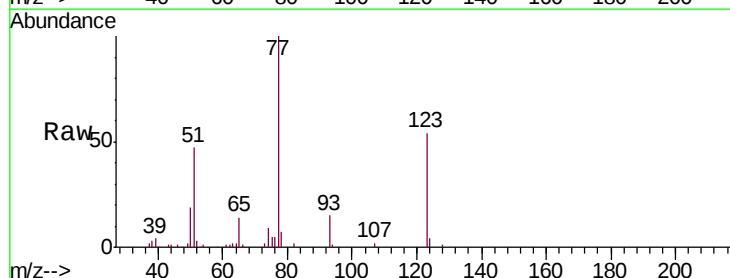
Instrument :
 BNA_G
 ClientSampleId :
 PB122666BS

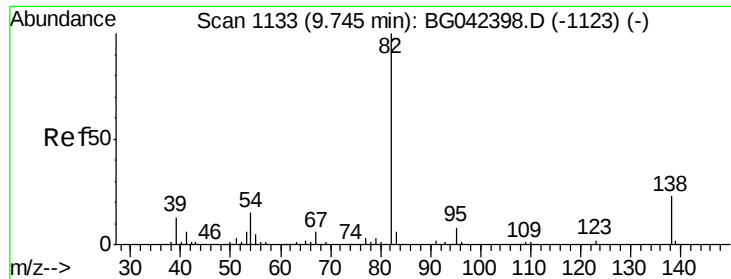
Tgt Ion: 82 Resp: 117961
 Ion Ratio Lower Upper
 82 100
 128 50.7 40.7 61.1
 54 46.9 36.3 54.5



#24
 Nitrobenzene
 Concen: 39.149 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG042595.D
 Acq: 30 Aug 2019 11:35

Tgt Ion: 77 Resp: 73037
 Ion Ratio Lower Upper
 77 100
 123 53.6 43.4 65.0
 65 13.9 11.0 16.6





#25

Isophorone

Concen: 36.587 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042595.D

Acq: 30 Aug 2019 11:35

Instrument :

BNA_G

ClientSampleId :

PB122666BS

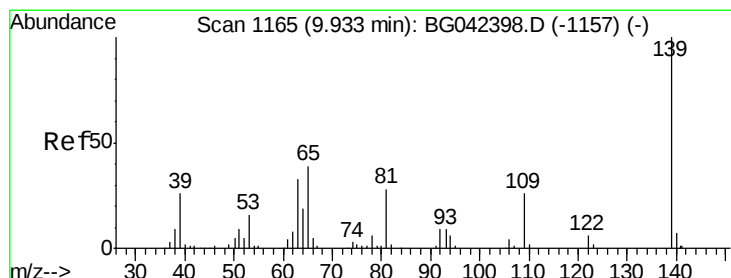
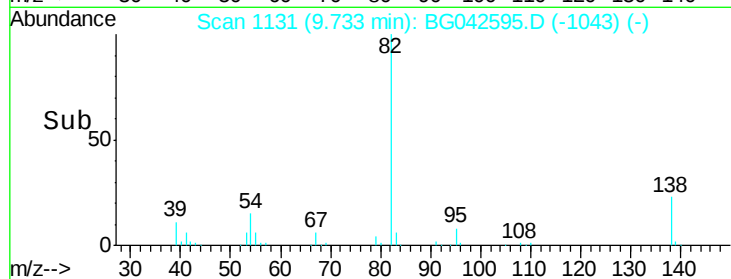
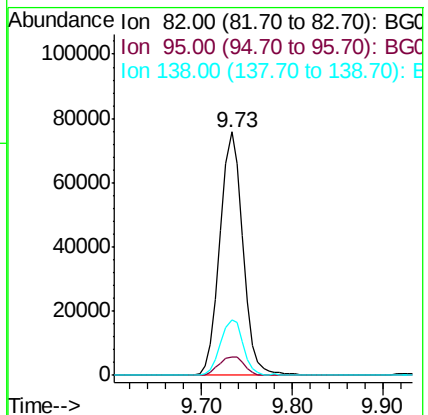
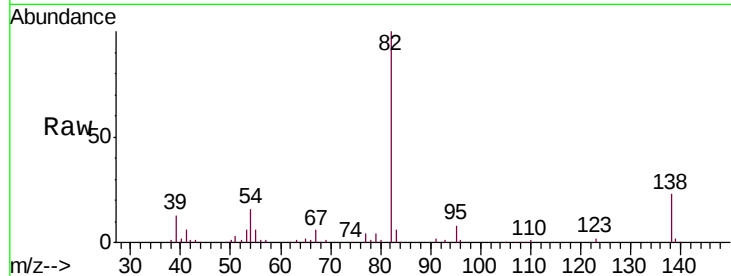
Tgt Ion: 82 Resp: 133028

Ion Ratio Lower Upper

82 100

95 7.8 6.6 9.8

138 22.9 18.6 27.8



#26

2-Nitrophenol

Concen: 41.525 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BG042595.D

Acq: 30 Aug 2019 11:35

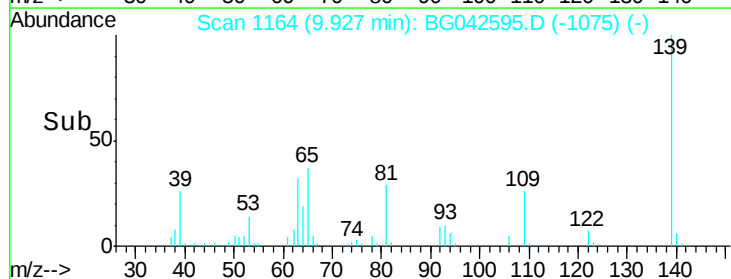
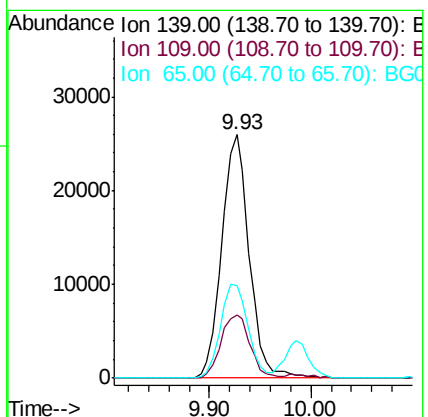
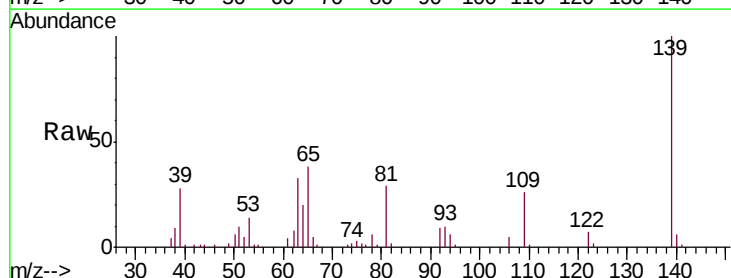
Tgt Ion: 139 Resp: 48548

Ion Ratio Lower Upper

139 100

109 25.7 20.5 30.7

65 38.1 30.9 46.3

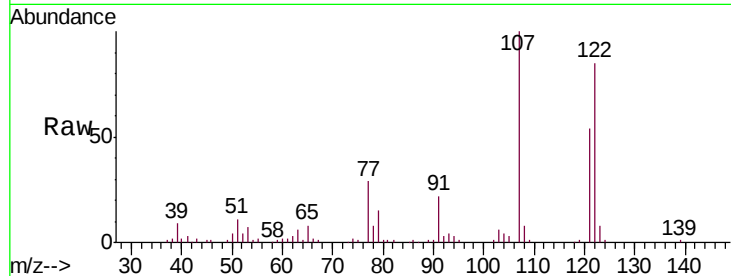




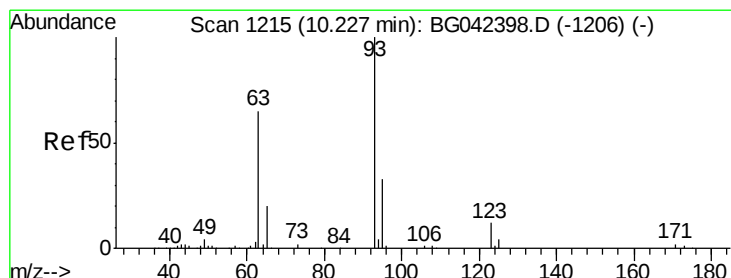
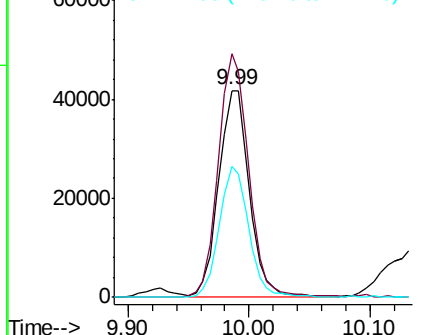
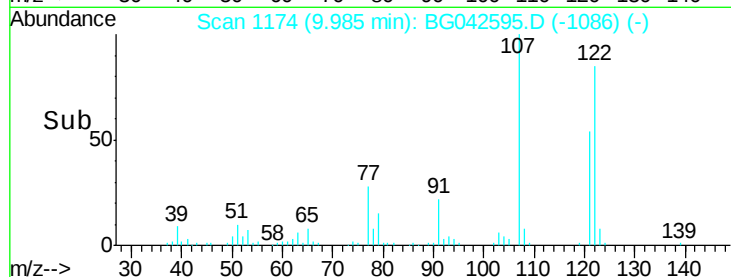
#27
 2,4-Dimethylphenol
 Concen: 44.894 ng
 RT: 9.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BG042595.D
 Acq: 30 Aug 2019 11:35

Instrument :
 BNA_G
 ClientSampleId :
 PB122666BS

Tgt Ion:122 Resp: 72300
 Ion Ratio Lower Upper
 122 100
 107 117.6 90.8 136.2
 121 63.1 49.6 74.4

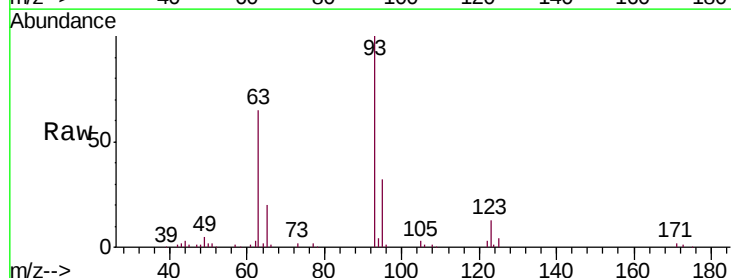


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

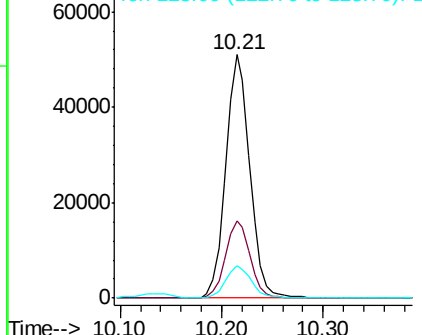
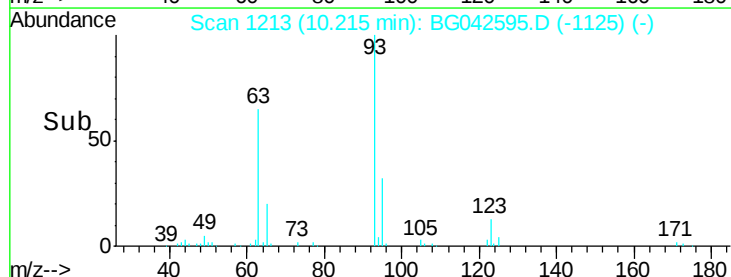


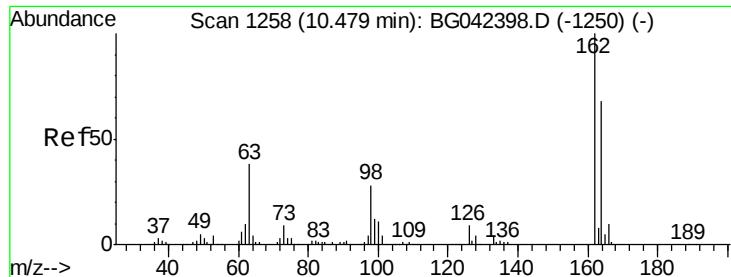
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.545 ng
 RT: 10.21 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BG042595.D
 Acq: 30 Aug 2019 11:35

Tgt Ion: 93 Resp: 83747
 Ion Ratio Lower Upper
 93 100
 95 31.8 26.6 40.0
 123 13.2 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

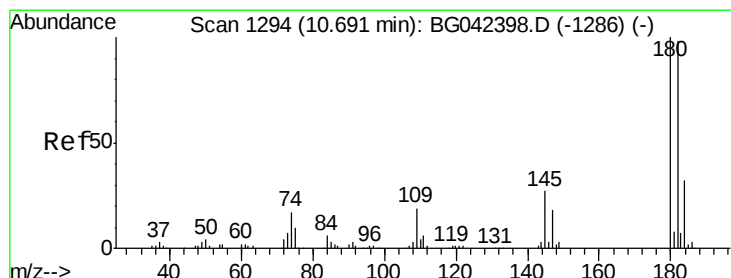
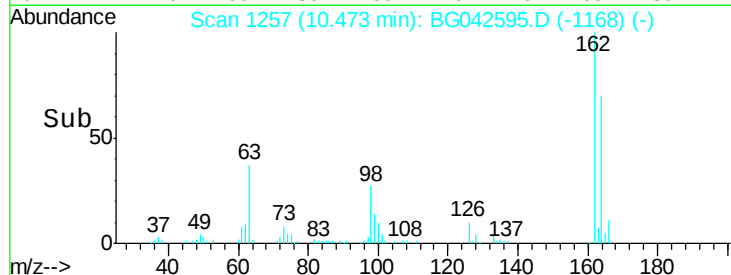
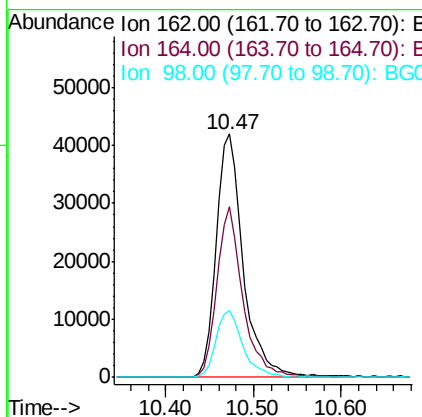
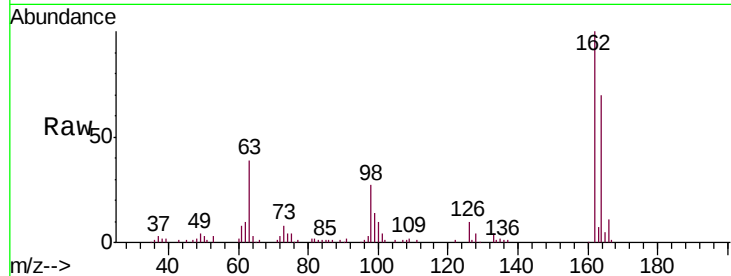




#29
 2,4-Dichlorophenol
 Concen: 42.576 ng
 RT: 10.47 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BG042595.D
 Acq: 30 Aug 2019 11:35

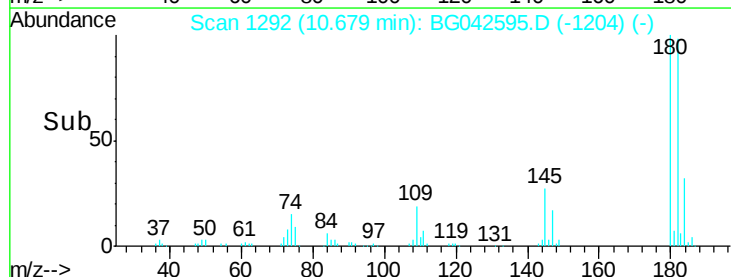
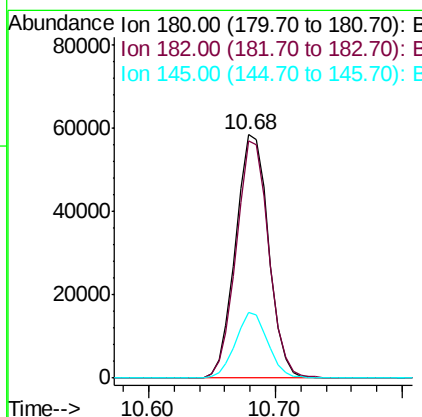
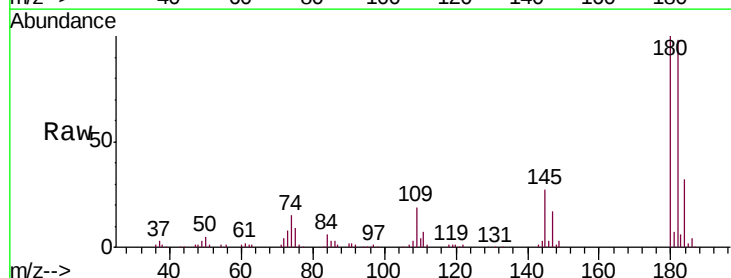
Instrument :
 BNA_G
 ClientSampled :
 PB122666BS

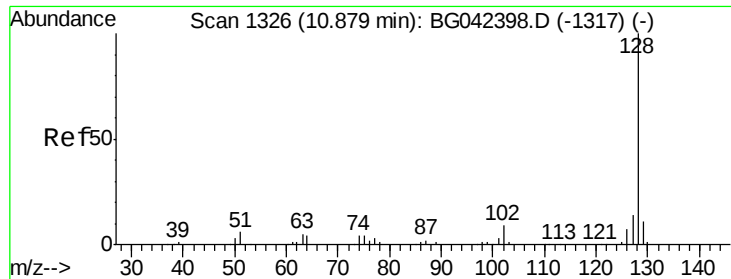
Tgt Ion:162 Resp: 89711
 Ion Ratio Lower Upper
 162 100
 164 70.2 48.1 88.1
 98 27.4 7.6 47.6



#30
 1,2,4-Trichlorobenzene
 Concen: 40.560 ng
 RT: 10.68 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BG042595.D
 Acq: 30 Aug 2019 11:35

Tgt Ion:180 Resp: 104899
 Ion Ratio Lower Upper
 180 100
 182 97.6 78.7 118.1
 145 27.2 21.6 32.4

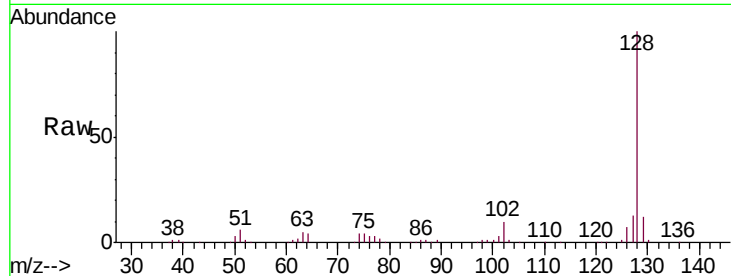




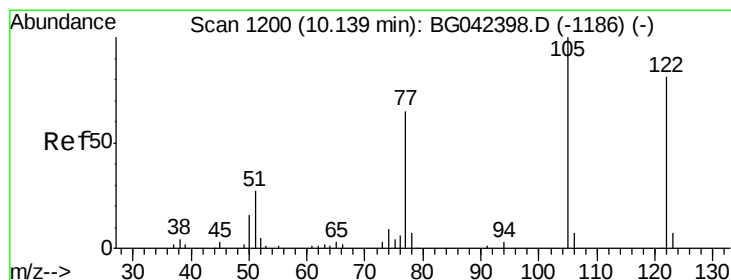
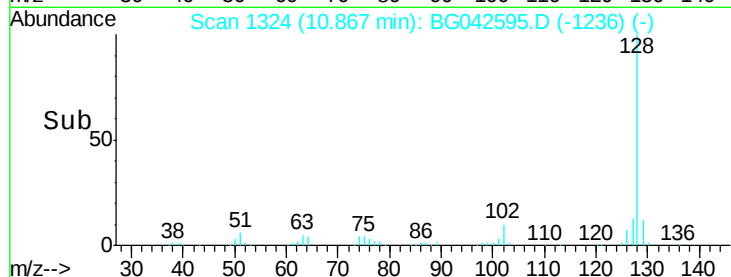
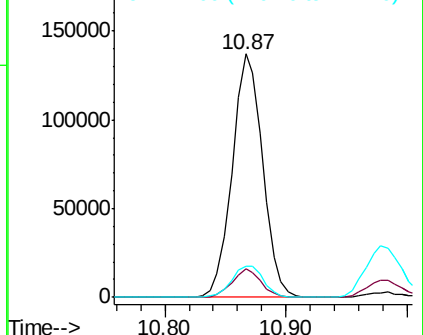
#31
Naphthalene
Concen: 40.574 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042595.D
Acq: 30 Aug 2019 11:35

Instrument :
BNA_G
ClientSampleId :
PB122666BS

Tgt Ion:128 Resp: 239824
Ion Ratio Lower Upper
128 100
129 11.9 8.8 13.2
127 12.9 11.4 17.0

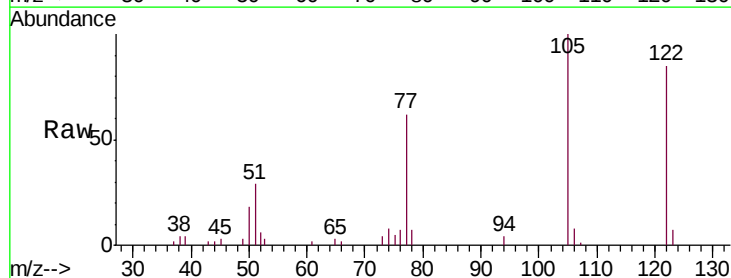


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

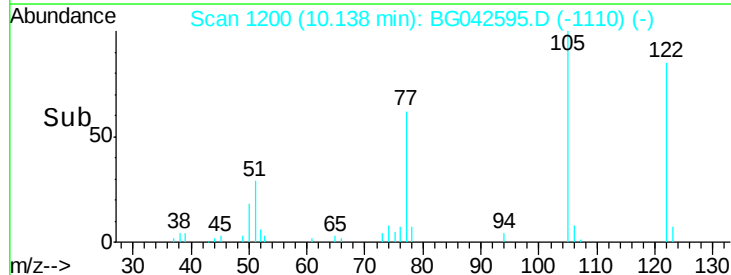
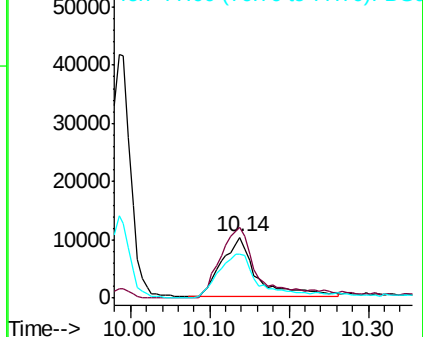


#32
Benzoic acid
Concen: 31.011 ng
RT: 10.14 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BG042595.D
Acq: 30 Aug 2019 11:35

Tgt Ion:122 Resp: 32173
Ion Ratio Lower Upper
122 100
105 117.2 99.6 139.6
77 72.3 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): BG

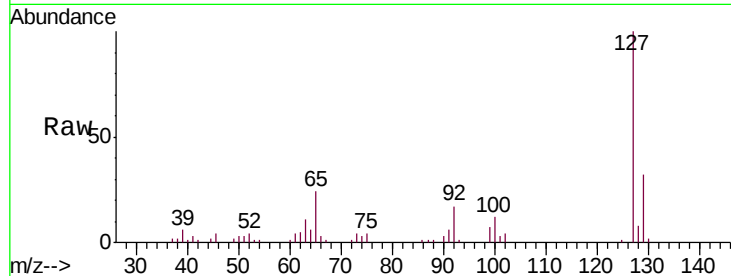




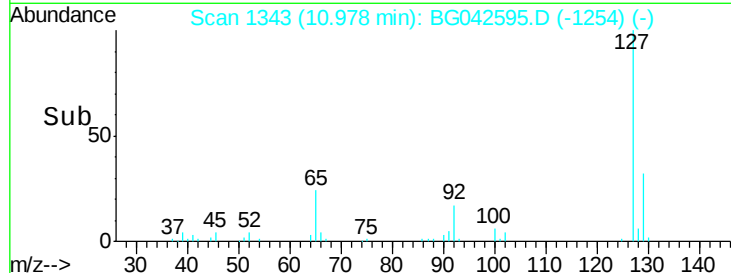
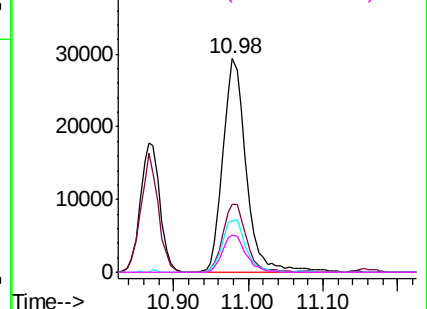
#33
4-Chloroaniline
Concen: 23.454 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG042595.D
Acq: 30 Aug 2019 11:35

Instrument :
BNA_G
ClientSampleId :
PB122666BS

Tgt Ion:	127	Resp:	63997
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.8	40.2
65	24.2	20.7	31.1
92	17.2	13.6	20.4

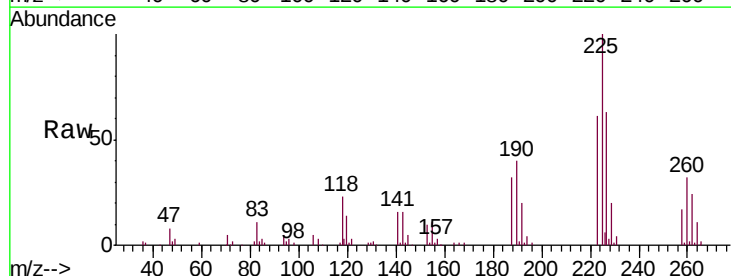


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

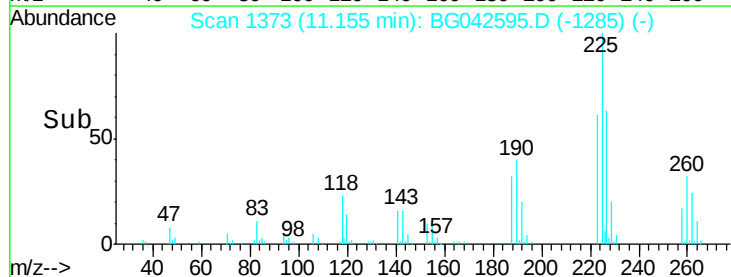
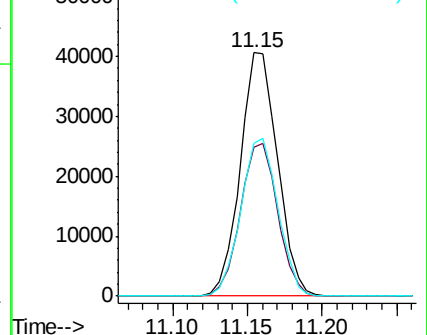


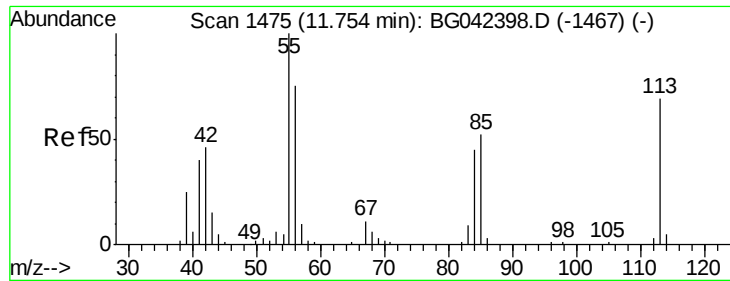
#34
Hexachlorobutadiene
Concen: 40.496 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG042595.D
Acq: 30 Aug 2019 11:35

Tgt Ion:	225	Resp:	70389
Ion	Ratio	Lower	Upper
225	100		
223	61.3	49.8	74.6
227	62.5	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: 21.904 ng

RT: 11.75 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BG042595.D

Acq: 30 Aug 2019 11:35

Instrument :

BNA_G

ClientSampleId :

PB122666BS

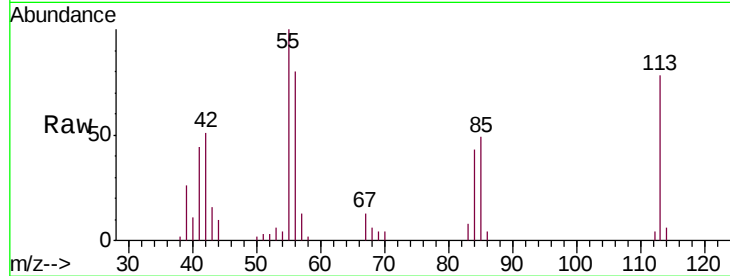
Tgt Ion:113 Resp: 15400

Ion Ratio Lower Upper

113 100

55 128.6 124.6 164.6

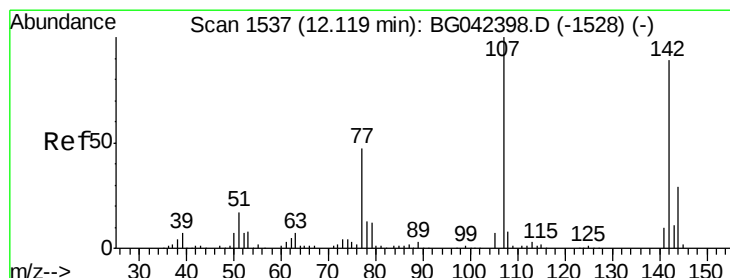
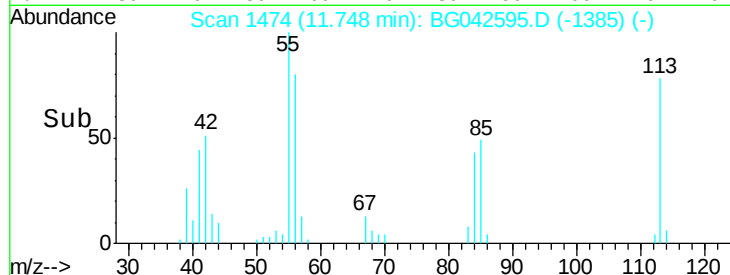
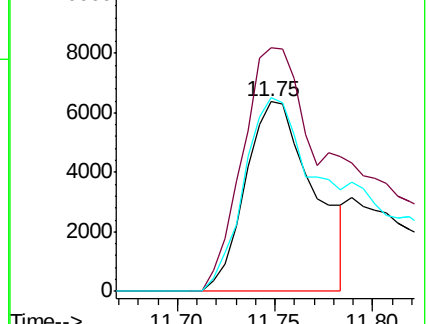
56 102.5 88.3 128.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 39.354 ng

RT: 12.11 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BG042595.D

Acq: 30 Aug 2019 11:35

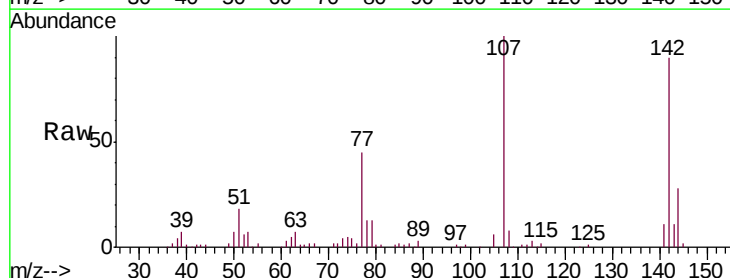
Tgt Ion:107 Resp: 78717

Ion Ratio Lower Upper

107 100

144 28.3 23.6 35.4

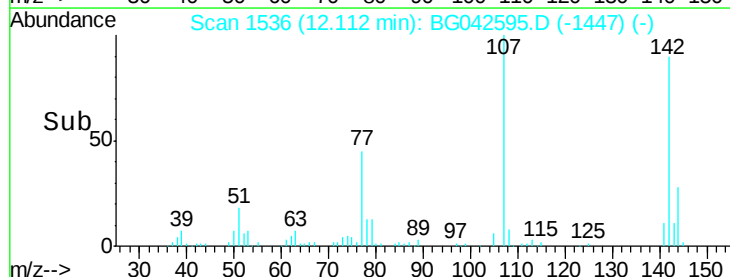
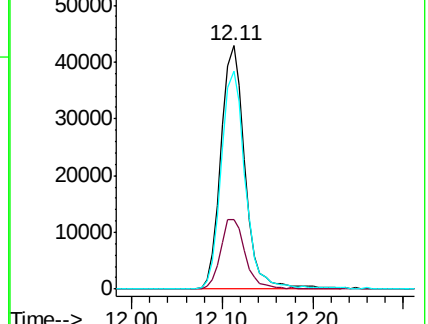
142 89.8 71.0 106.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

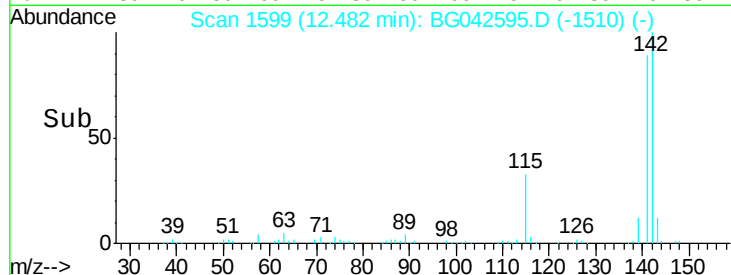
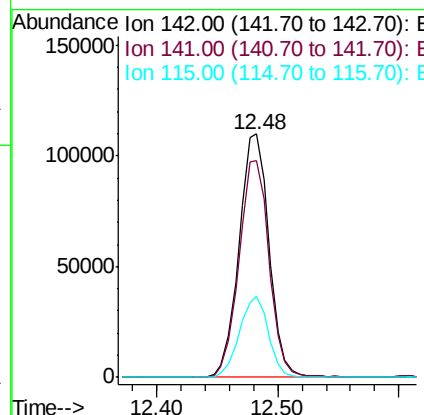
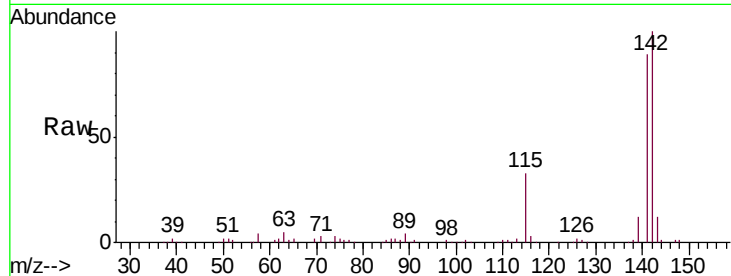




#37
2-Methylnaphthalene
Concen: 40.142 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BG042595.D
Acq: 30 Aug 2019 11:35

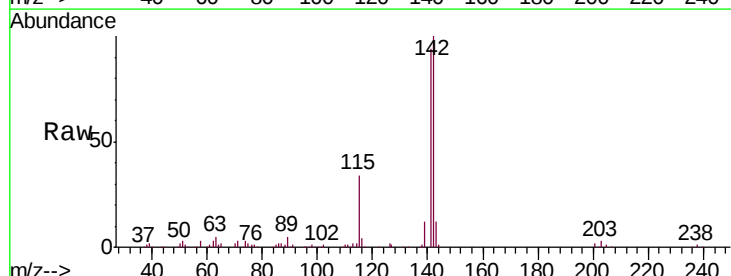
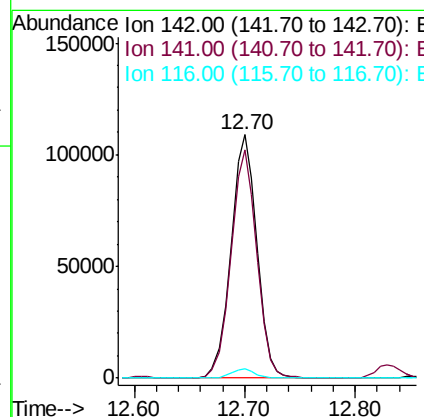
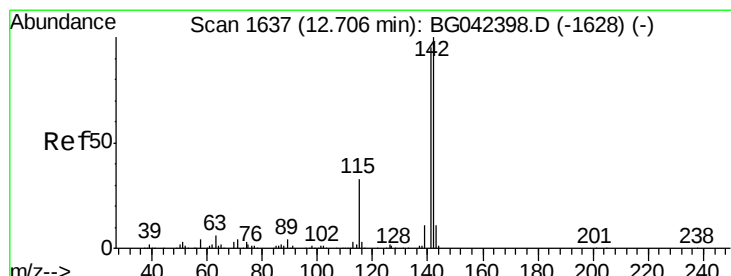
Instrument :
BNA_G
ClientSampleId :
PB122666BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.4	107.2
115	33.2	25.2	37.8



#38
1-Methylnaphthalene
Concen: 39.582 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BG042595.D
Acq: 30 Aug 2019 11:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	76.2	114.2
116	3.6	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042595.D

Acq: 30 Aug 2019 11:35

Instrument :

BNA_G

ClientSampleId :

PB122666BS

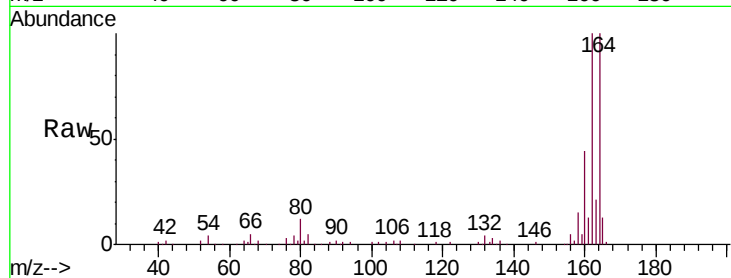
Tgt Ion:164 Resp: 91822

Ion Ratio Lower Upper

164 100

162 99.9 79.9 119.9

160 43.8 34.3 51.5

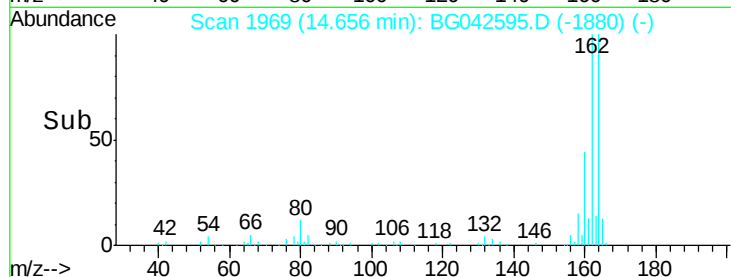


Abundance Ion 164.00 (163.70 to 164.70): E

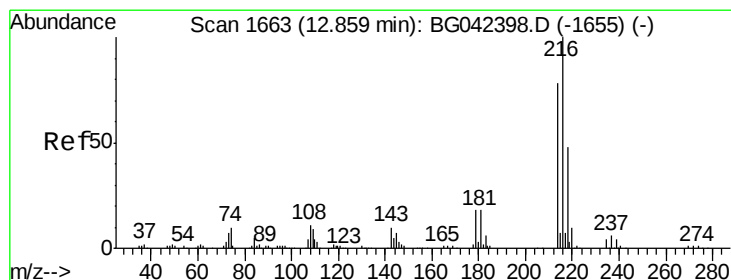
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



Time-->



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.002 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG042595.D

Acq: 30 Aug 2019 11:35

Tgt Ion:216 Resp: 129749

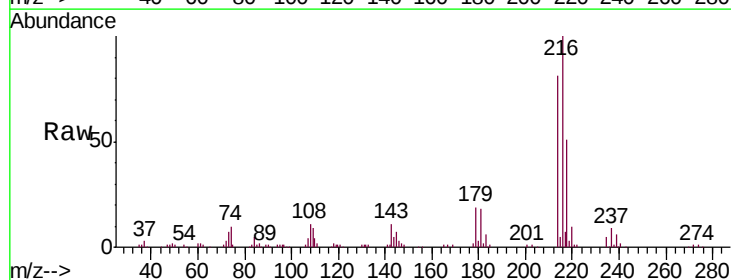
Ion Ratio Lower Upper

216 100

214 77.4 61.4 92.2

179 18.4 15.1 22.7

108 12.0 9.4 14.0



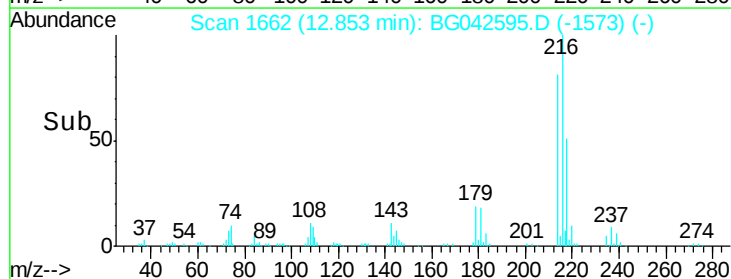
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

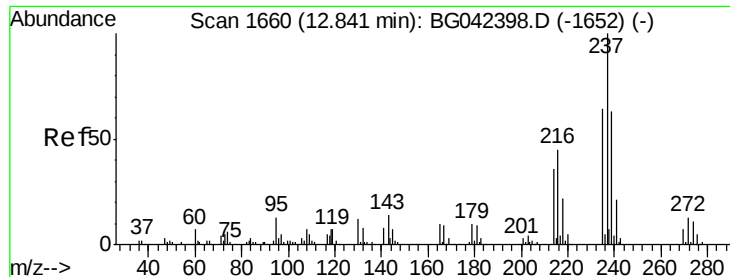
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

Time-->



Time-->



#41

Hexachlorocyclopentadiene

Concen: 71.270 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG042595.D

Acq: 30 Aug 2019 11:35

Instrument :

BNA_G

ClientSampleId :

PB122666BS

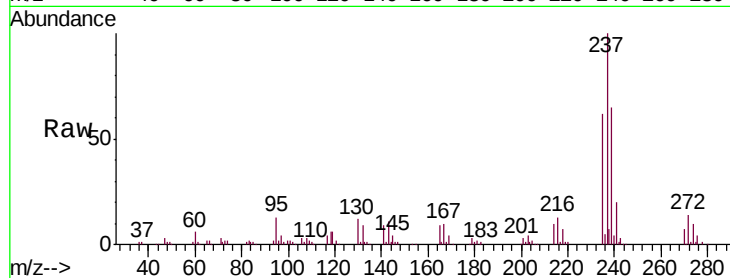
Tgt Ion: 237 Resp: 110393

Ion Ratio Lower Upper

237 100

235 61.7 43.7 83.7

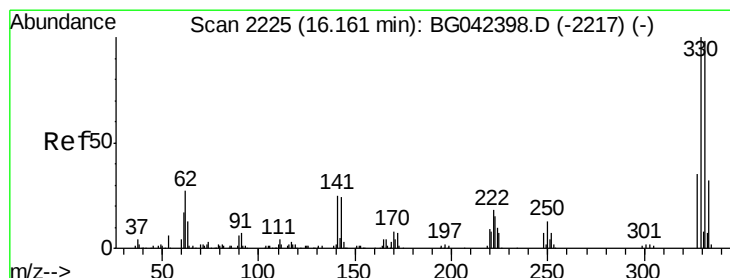
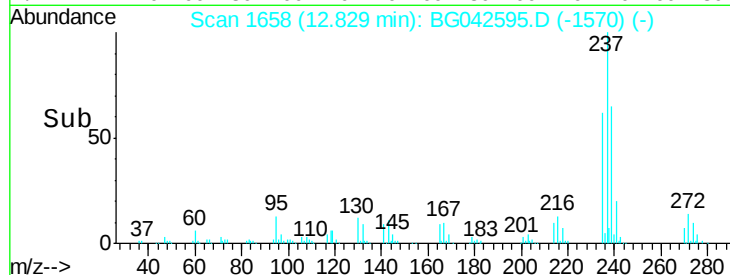
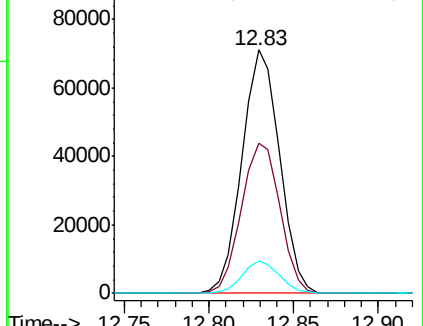
272 13.5 0.0 33.3



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: 109.785 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042595.D

Acq: 30 Aug 2019 11:35

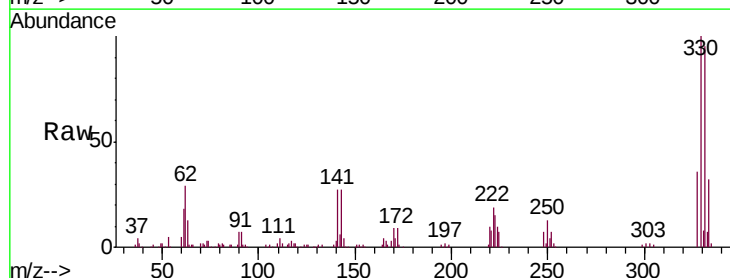
Tgt Ion: 330 Resp: 143280

Ion Ratio Lower Upper

330 100

332 98.2 77.4 116.0

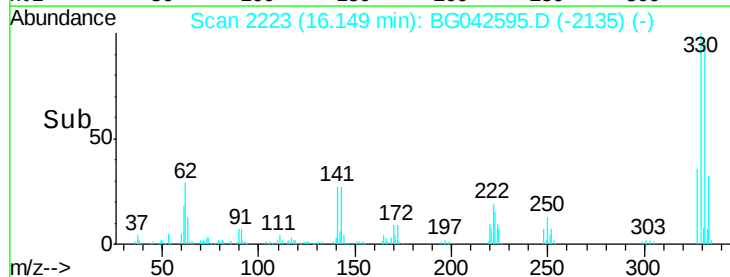
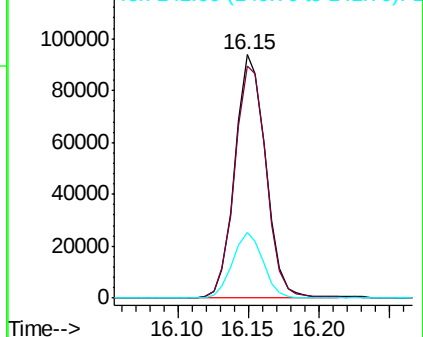
141 27.0 21.4 32.0



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

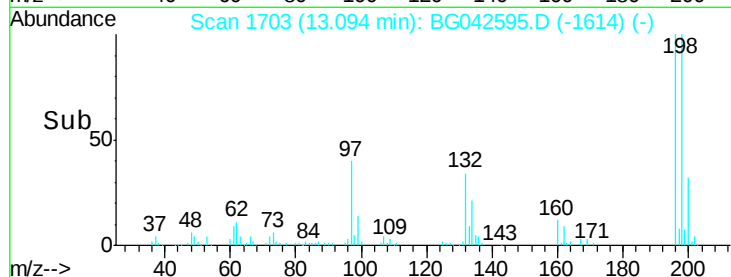
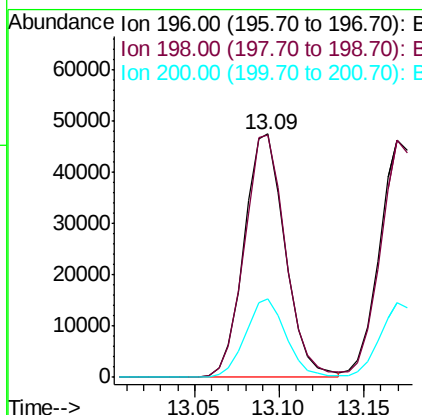
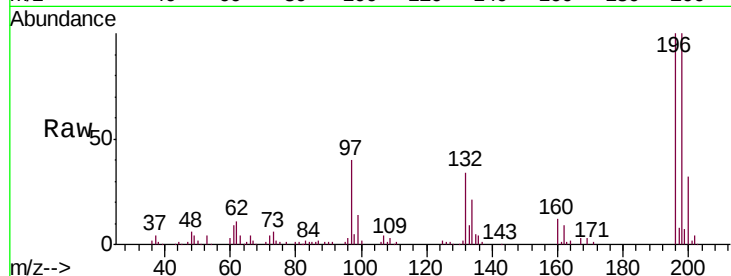




#43
 2,4,6-Trichlorophenol
 Concen: 40.268 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042595.D
 Acq: 30 Aug 2019 11:35

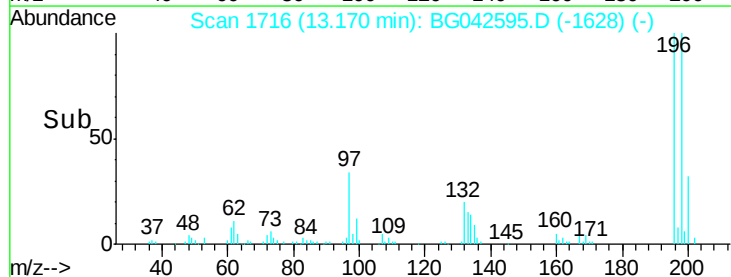
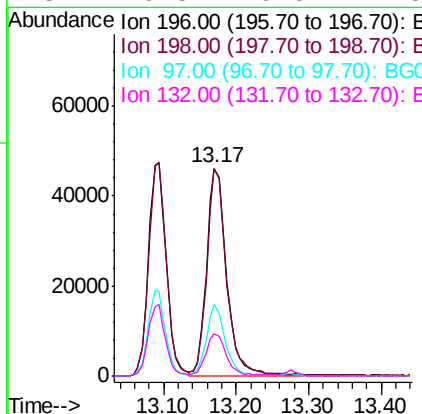
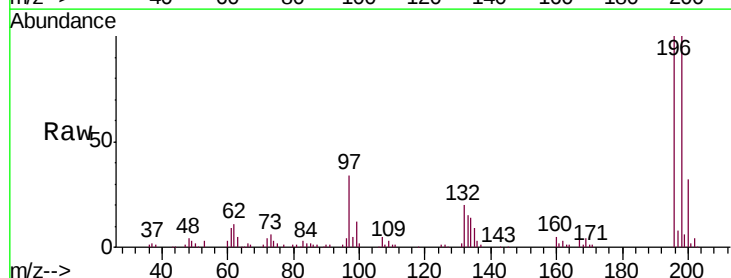
Instrument :
 BNA_G
 ClientSampleId :
 PB122666BS

Tgt Ion:196 Resp: 80261
 Ion Ratio Lower Upper
 196 100
 198 99.7 80.7 121.1
 200 32.2 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 43.728 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042595.D
 Acq: 30 Aug 2019 11:35

Tgt Ion:196 Resp: 90318
 Ion Ratio Lower Upper
 196 100
 198 100.0 80.2 120.4
 97 34.4 26.3 39.5
 132 20.5 16.6 24.8

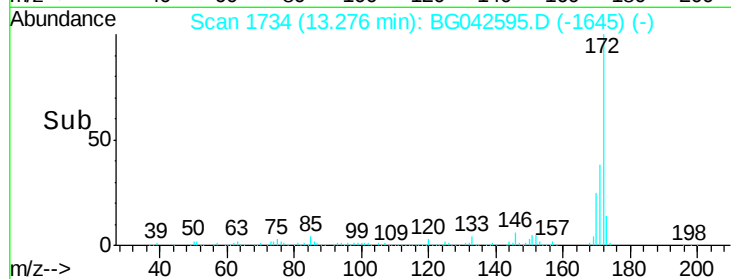
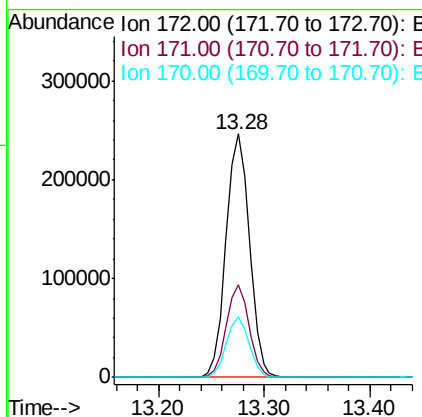
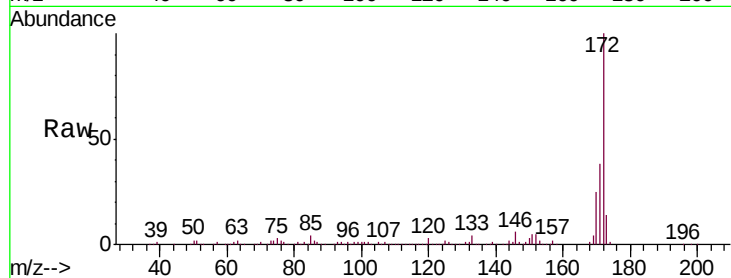




#45
2-Fluorobiphenyl
Concen: 69.505 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042595.D
Acq: 30 Aug 2019 11:35

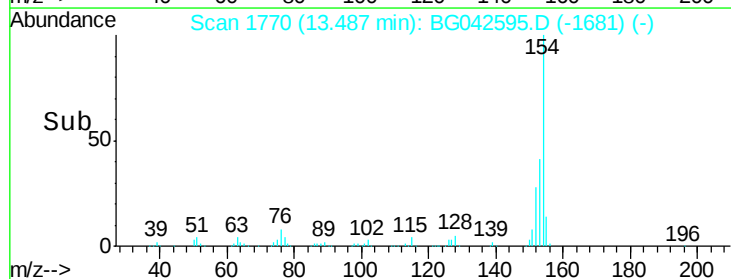
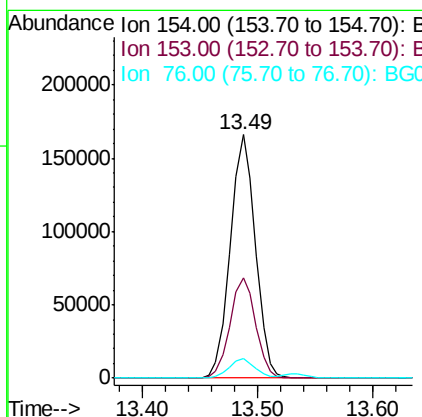
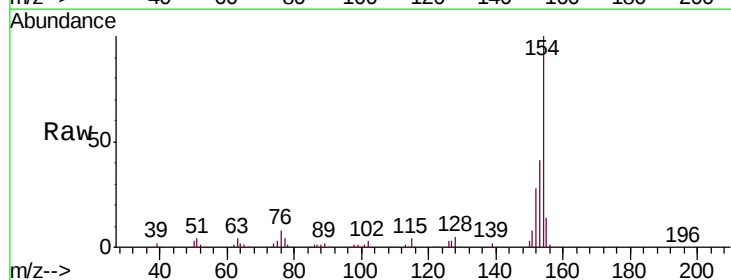
Instrument :
BNA_G
ClientSampleId :
PB122666BS

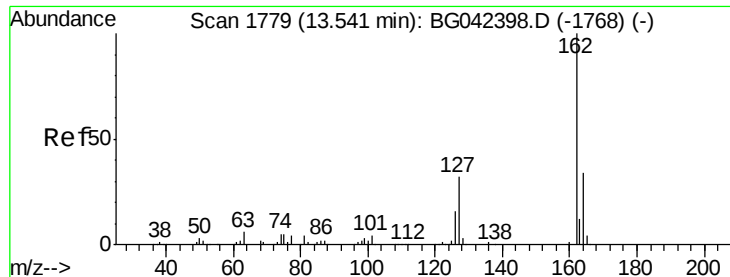
Tgt Ion:172 Resp: 377352
Ion Ratio Lower Upper
172 100
171 37.8 30.5 45.7
170 24.7 20.2 30.2



#46
1,1'-Biphenyl
Concen: 42.077 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BG042595.D
Acq: 30 Aug 2019 11:35

Tgt Ion:154 Resp: 249746
Ion Ratio Lower Upper
154 100
153 41.2 23.0 63.0
76 8.0 0.0 29.6

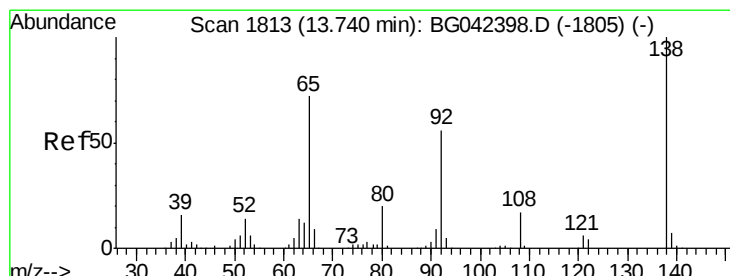
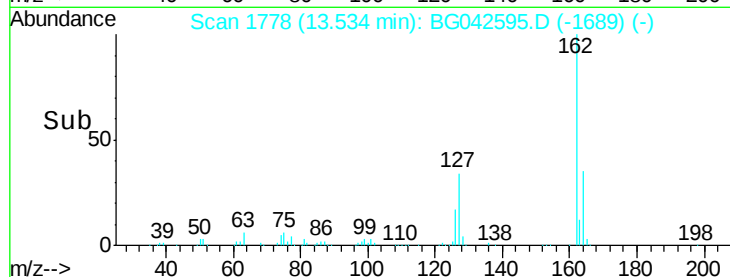
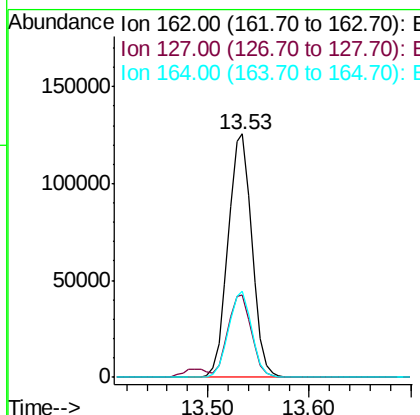
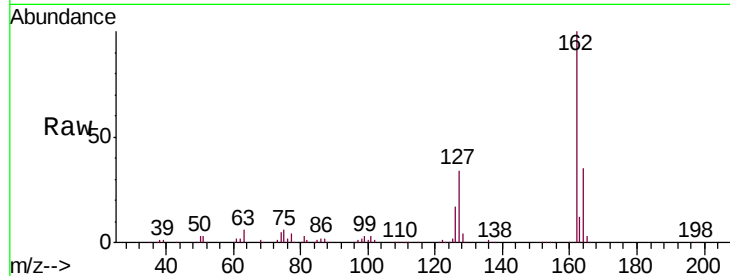




#47
2-Chloronaphthalene
Concen: 40.081 ng
RT: 13.53 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BG042595.D
Acq: 30 Aug 2019 11:35

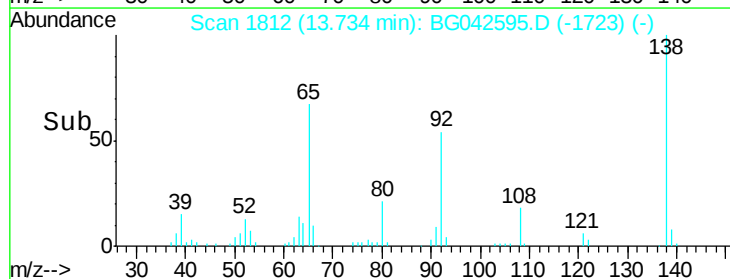
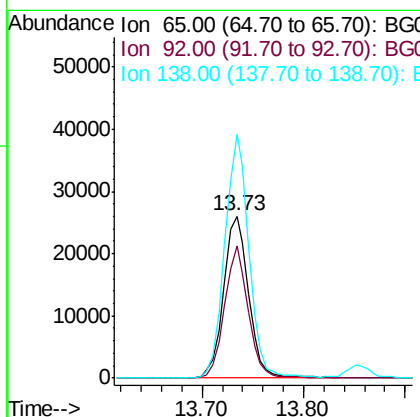
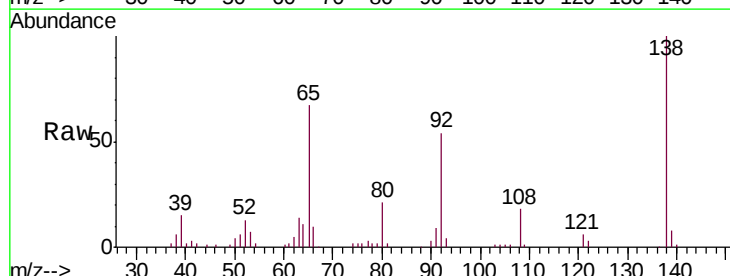
Instrument :
BNA_G
ClientSampleId :
PB122666BS

Tgt Ion: 162 Resp: 205130
Ion Ratio Lower Upper
162 100
127 33.6 26.0 39.0
164 35.3 27.4 41.0



#48
2-Nitroaniline
Concen: 36.134 ng
RT: 13.73 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BG042595.D
Acq: 30 Aug 2019 11:35

Tgt Ion: 65 Resp: 44595
Ion Ratio Lower Upper
65 100
92 81.1 61.8 92.6
138 150.0 111.0 166.6





#49

Acenaphthylene

Concen: 41.075 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042595.D

Acq: 30 Aug 2019 11:35

Instrument :

BNA_G

ClientSampleId :

PB122666BS

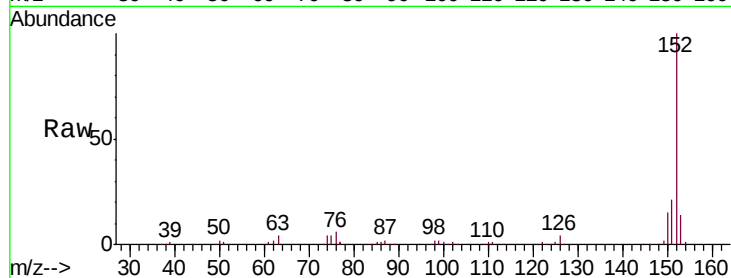
Tgt Ion:152 Resp: 316268

Ion Ratio Lower Upper

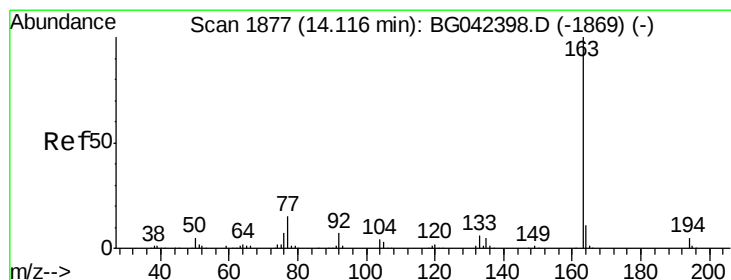
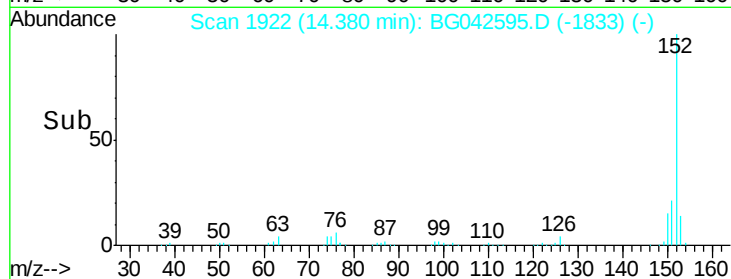
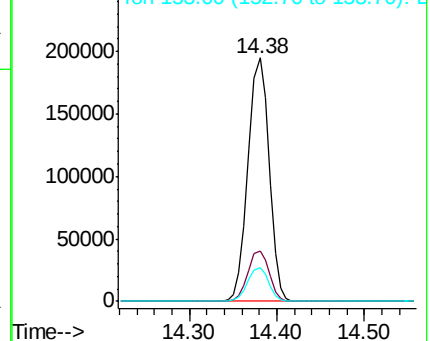
152 100

151 20.9 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: 38.325 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042595.D

Acq: 30 Aug 2019 11:35

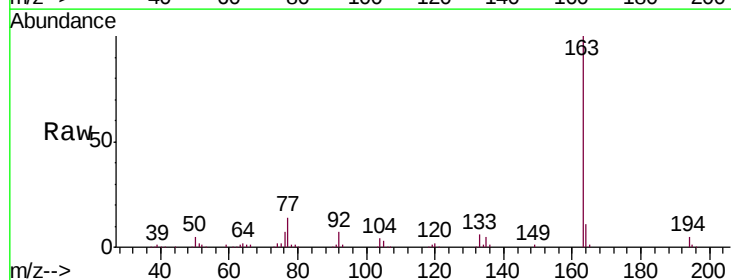
Tgt Ion:163 Resp: 253917

Ion Ratio Lower Upper

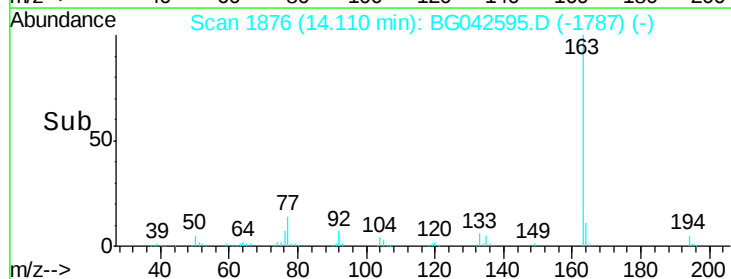
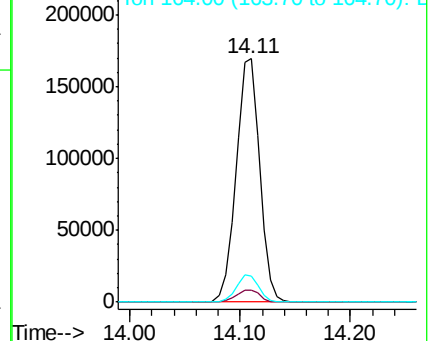
163 100

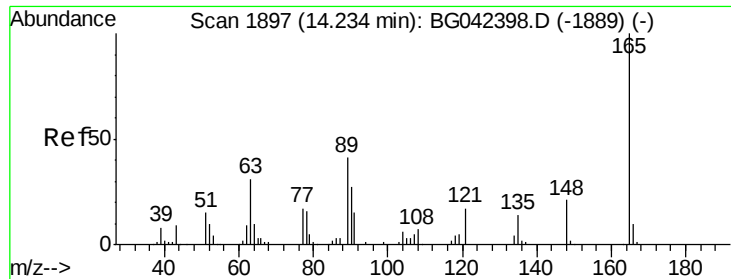
194 5.1 4.2 6.2

164 10.9 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

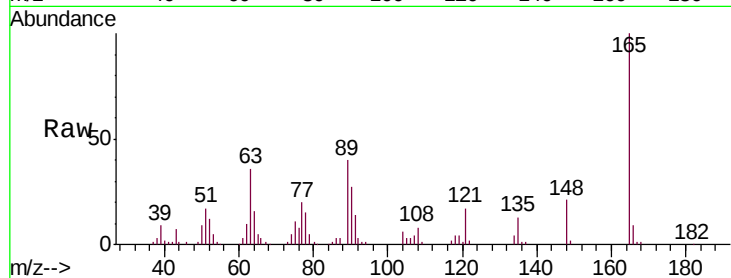




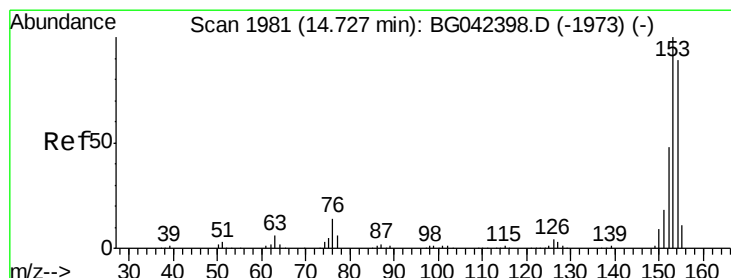
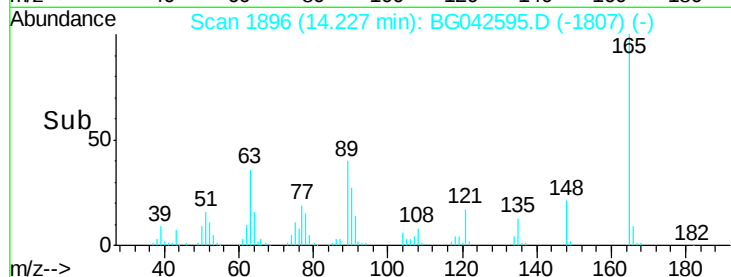
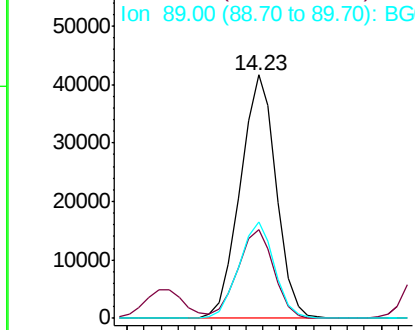
#51
2,6-Dinitrotoluene
Concen: 40.009 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BG042595.D
Acq: 30 Aug 2019 11:35

Instrument :
BNA_G
ClientSampleId :
PB122666BS

Tgt Ion:165 Resp: 61442
Ion Ratio Lower Upper
165 100
63 36.3 30.6 45.8
89 39.5 32.6 49.0

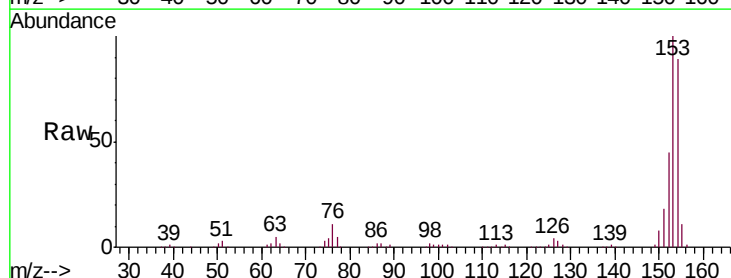


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 89.00 (88.70 to 89.70): BGO

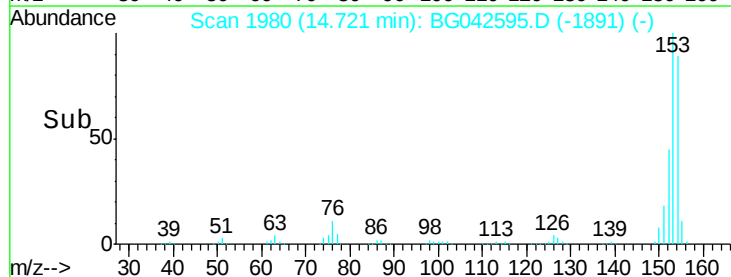
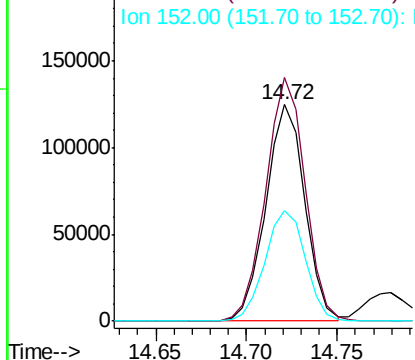


#52
Acenaphthene
Concen: 39.837 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BG042595.D
Acq: 30 Aug 2019 11:35

Tgt Ion:154 Resp: 186253
Ion Ratio Lower Upper
154 100
153 112.5 90.2 135.4
152 51.1 43.2 64.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 27.125 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG042595.D

Acq: 30 Aug 2019 11:35

Instrument :

BNA_G

ClientSampleId :

PB122666BS

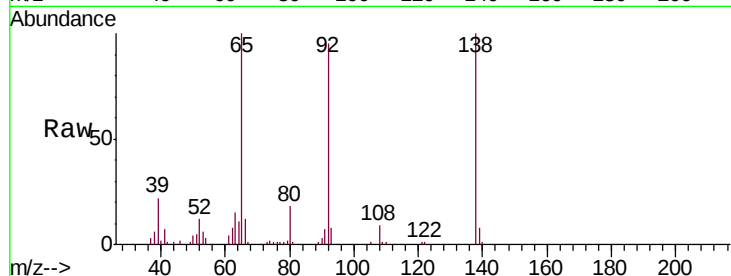
Tgt Ion:138 Resp: 41660

Ion Ratio Lower Upper

138 100

108 9.3 8.3 12.5

92 95.3 78.2 117.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

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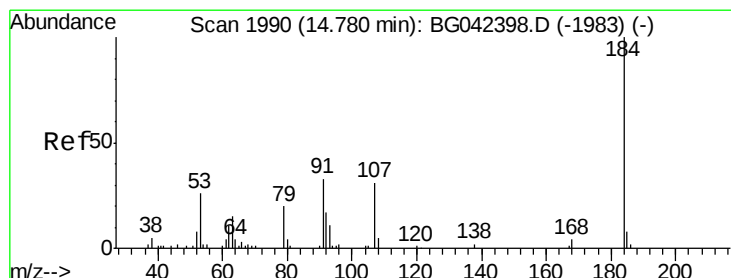
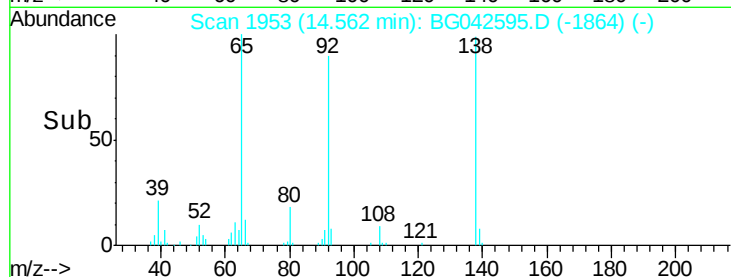
14.56

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#54

2,4-Dinitrophenol

Concen: 63.936 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BG042595.D

Acq: 30 Aug 2019 11:35

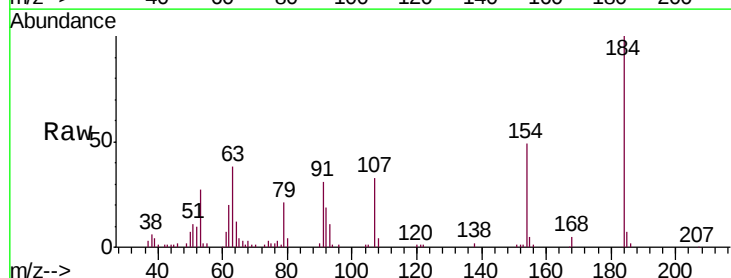
Tgt Ion:184 Resp: 64775

Ion Ratio Lower Upper

184 100

63 38.1 31.7 47.5

154 49.0 42.0 63.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

Time-->

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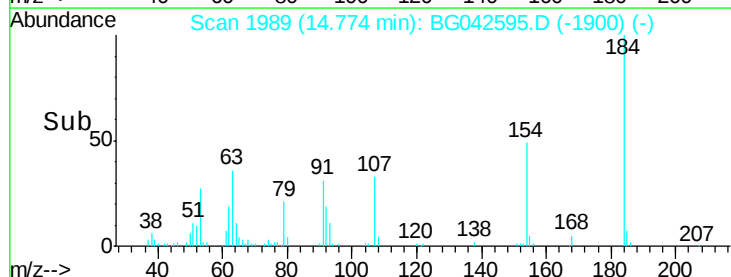
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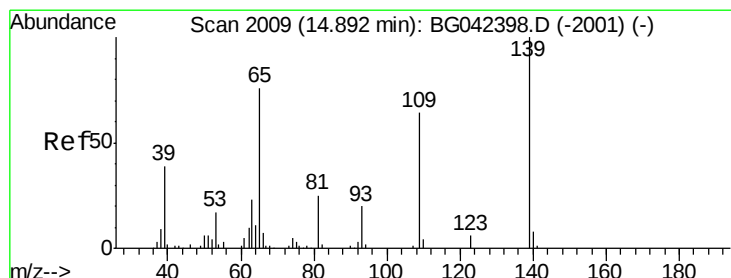
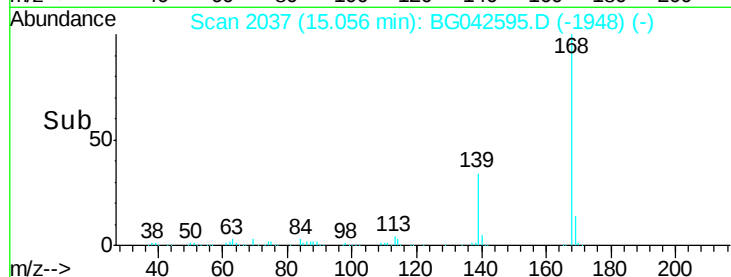
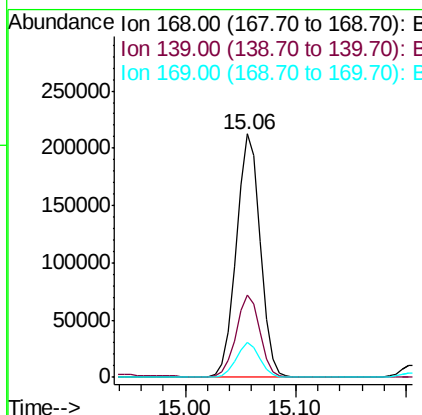
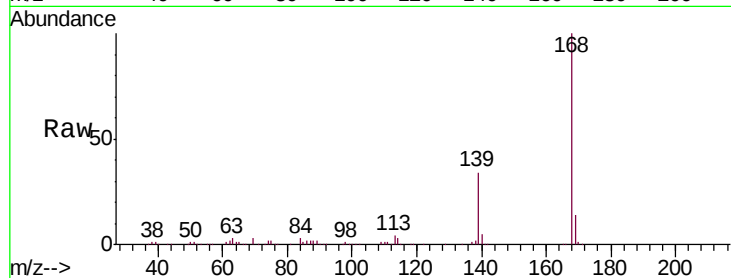




#55
Dibenzenofuran
Concen: 41.874 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG042595.D
Acq: 30 Aug 2019 11:35

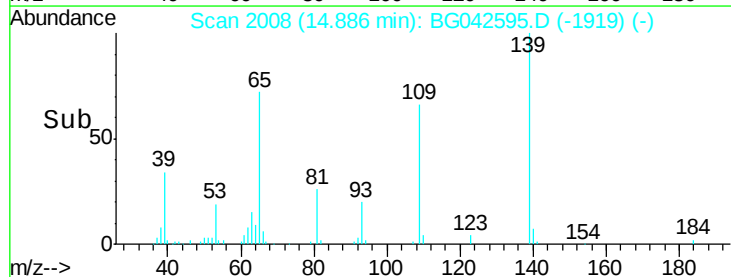
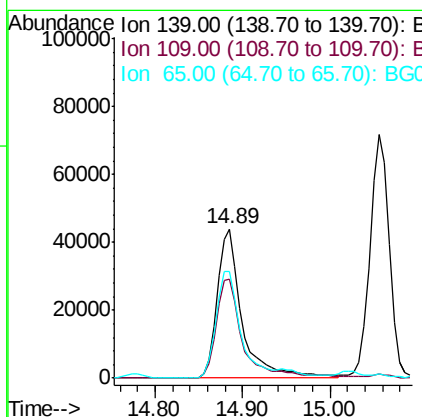
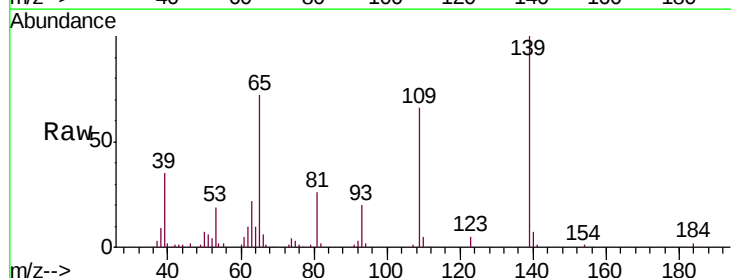
Instrument :
BNA_G
ClientSampleId :
PB122666BS

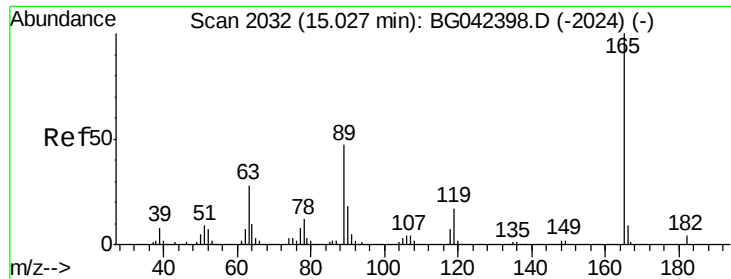
Tgt Ion:168 Resp: 324065
Ion Ratio Lower Upper
168 100
139 33.8 27.2 40.8
169 14.2 11.5 17.3



#56
4-Nitrophenol
Concen: 79.783 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG042595.D
Acq: 30 Aug 2019 11:35

Tgt Ion:139 Resp: 87070
Ion Ratio Lower Upper
139 100
109 66.4 43.9 83.9
65 71.5 56.3 96.3

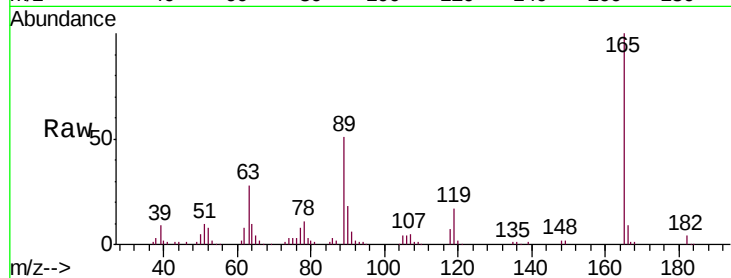




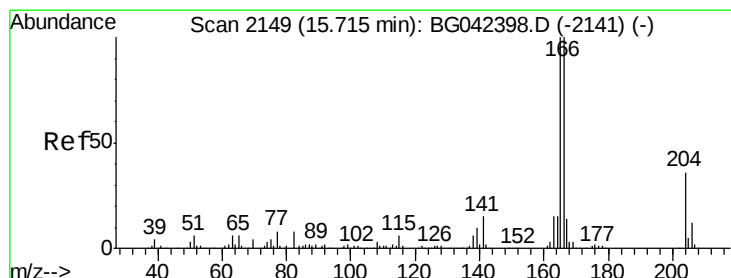
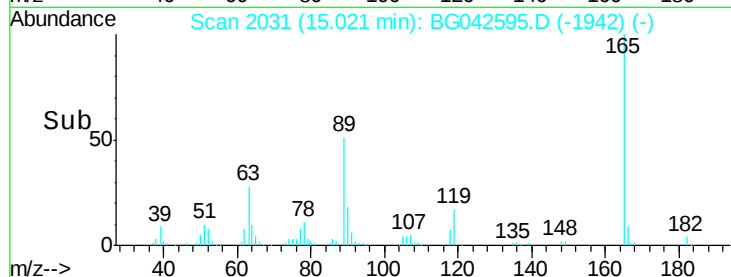
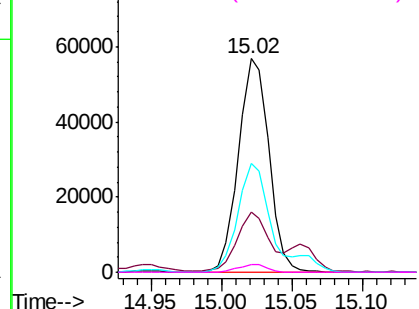
#57
 2,4-Dinitrotoluene
 Concen: 39.034 ng
 RT: 15.02 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BG042595.D
 Acq: 30 Aug 2019 11:35

Instrument :
 BNA_G
 ClientSampleId :
 PB122666BS

Tgt Ion:	165	Resp:	85840
Ion	Ratio	Lower	Upper
165	100		
63	28.2	22.5	33.7
89	51.2	37.8	56.6
182	3.7	3.0	4.4

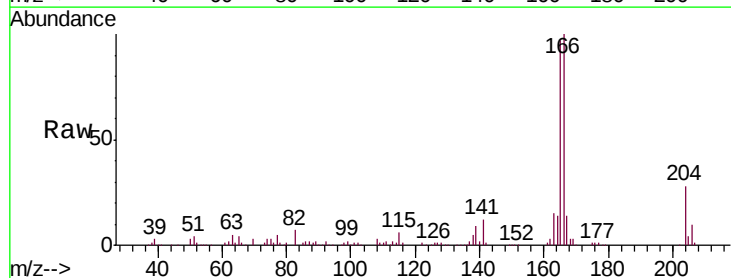


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

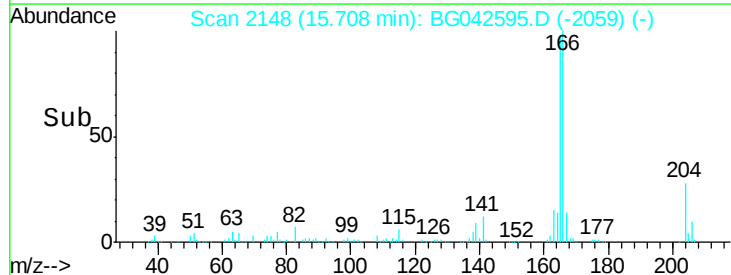
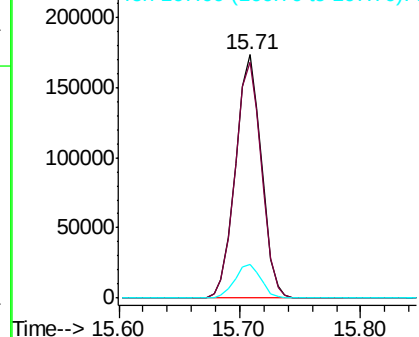


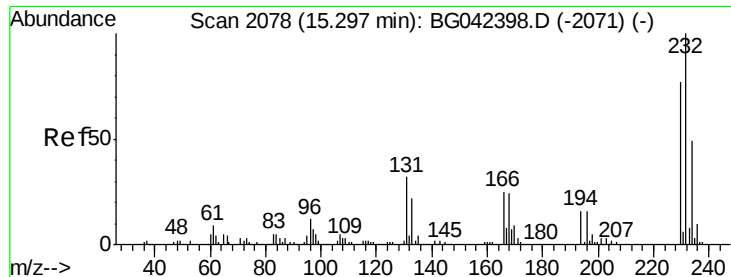
#58
 Fluorene
 Concen: 40.978 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG042595.D
 Acq: 30 Aug 2019 11:35

Tgt Ion:	166	Resp:	259243
Ion	Ratio	Lower	Upper
166	100		
165	97.2	79.7	119.5
167	13.8	10.9	16.3



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

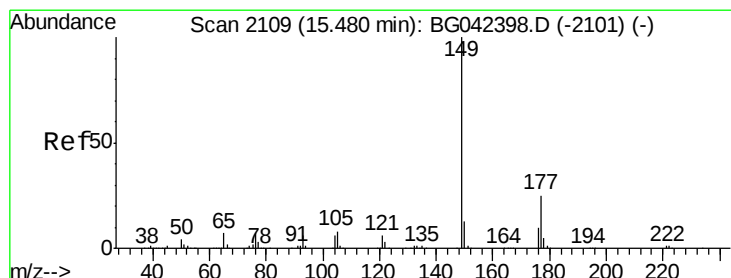
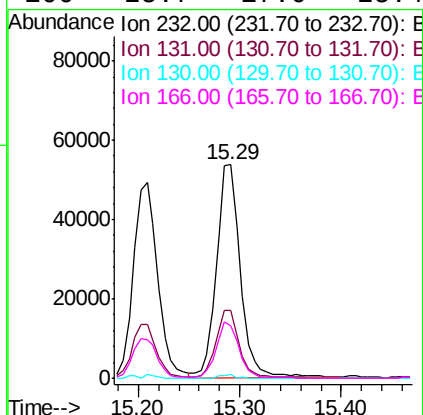
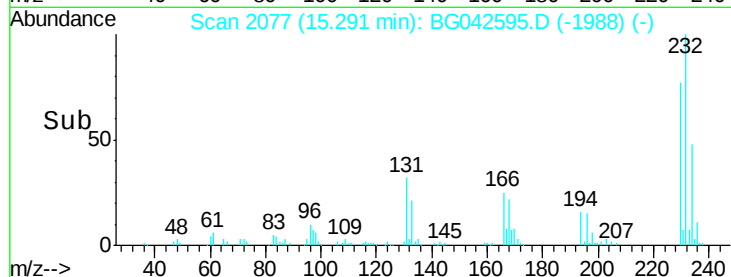
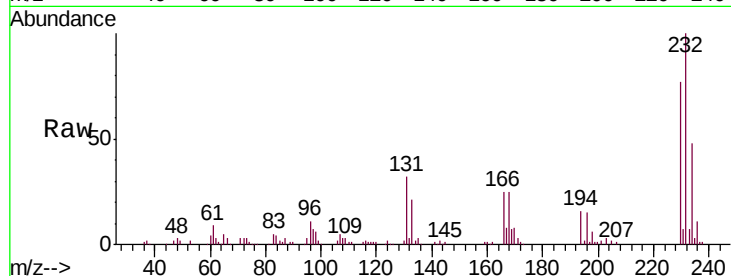




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.688 ng
 RT: 15.29 min Scan# 2077
 Delta R.T. -0.01 min
 Lab File: BG042595.D
 Acq: 30 Aug 2019 11:35

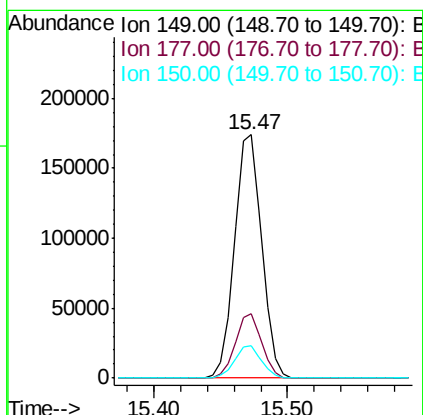
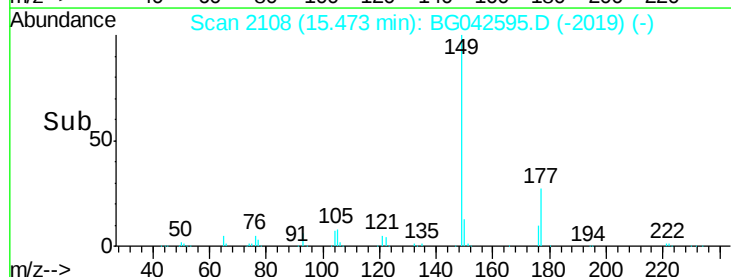
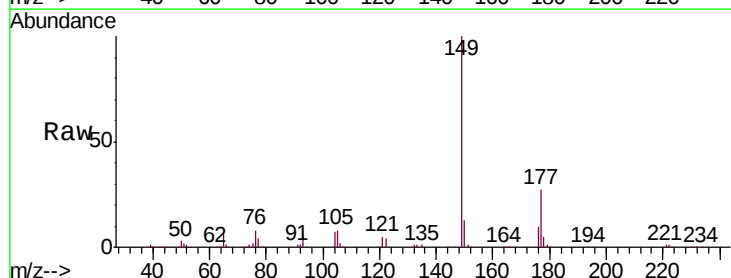
Instrument :
 BNA_G
 ClientSampleId :
 PB122666BS

Tgt Ion:	232	Resp:	87195
Ion	Ratio	Lower	Upper
232	100		
131	31.9	22.9	34.3
130	1.1	1.4	2.0#
166	25.7	17.0	25.4#



#60
 Diethylphthalate
 Concen: 38.016 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BG042595.D
 Acq: 30 Aug 2019 11:35

Tgt Ion:	149	Resp:	246213
Ion	Ratio	Lower	Upper
149	100		
177	26.6	20.4	30.6
150	13.4	10.3	15.5

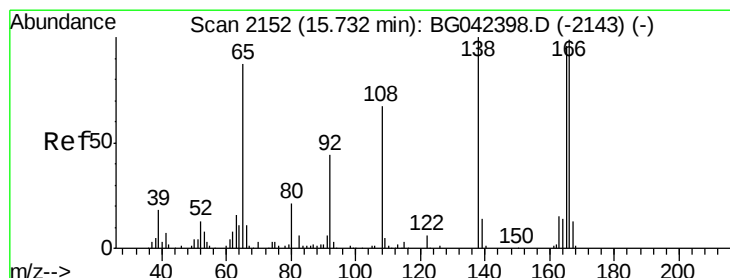
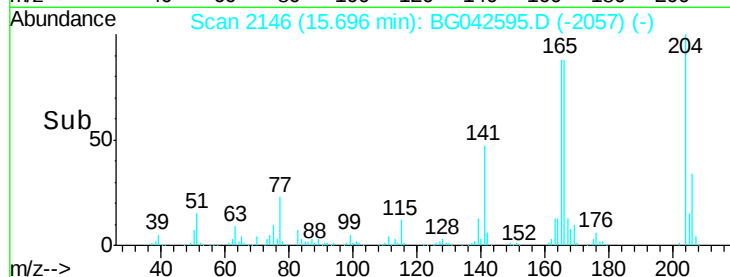
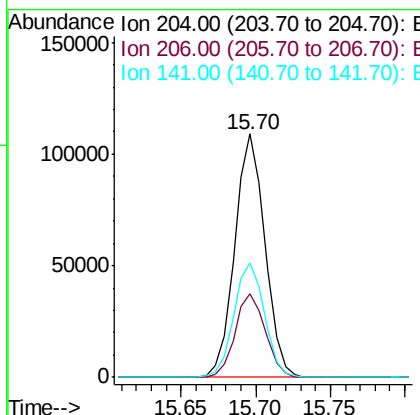
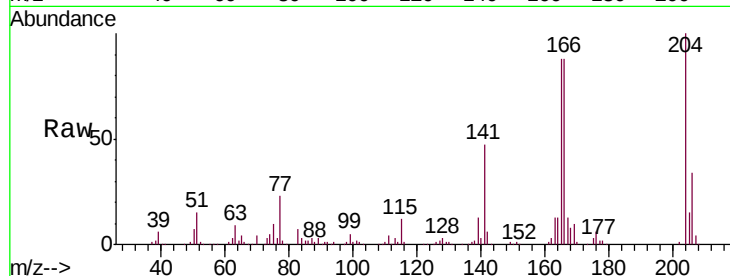




#61
 4-Chlorophenyl-phenylether
 Concen: 40.122 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BG042595.D
 Acq: 30 Aug 2019 11:35

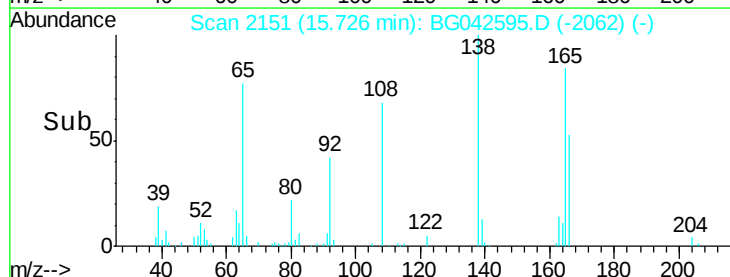
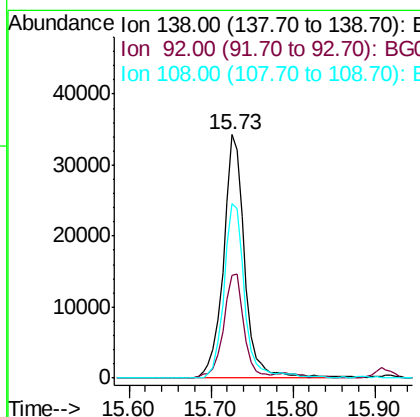
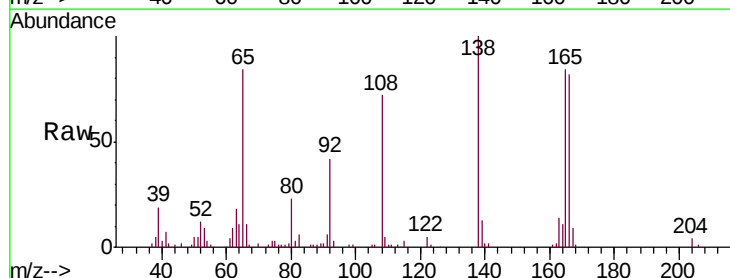
Instrument :
 BNA_G
 ClientSampleId :
 PB122666BS

Tgt Ion:204 Resp: 153009
 Ion Ratio Lower Upper
 204 100
 206 34.3 27.2 40.8
 141 46.8 38.7 58.1



#62
 4-Nitroaniline
 Concen: 37.434 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG042595.D
 Acq: 30 Aug 2019 11:35

Tgt Ion:138 Resp: 61531
 Ion Ratio Lower Upper
 138 100
 92 42.4 24.2 64.2
 108 71.6 46.8 86.8

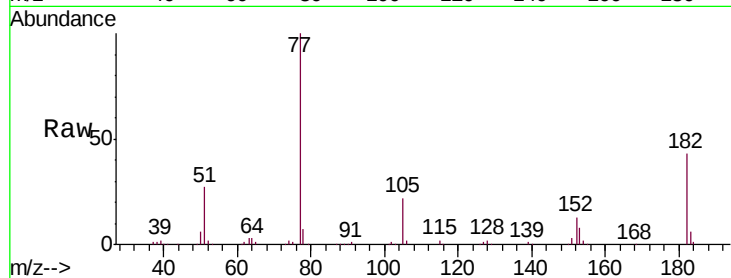




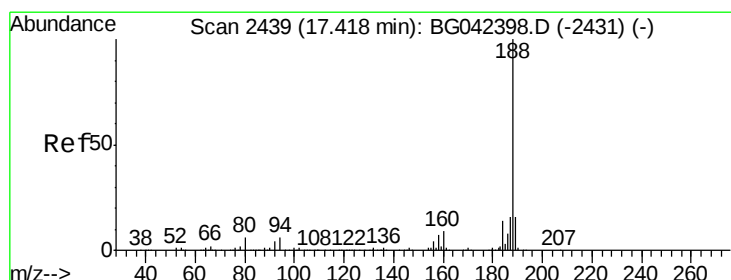
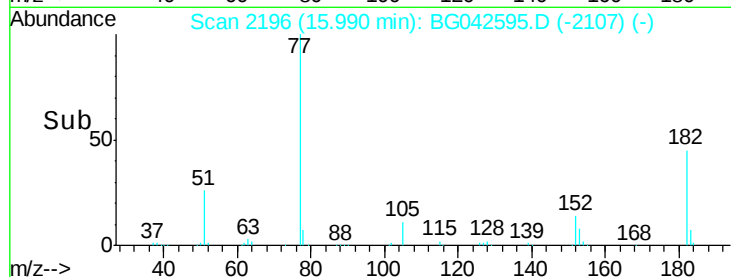
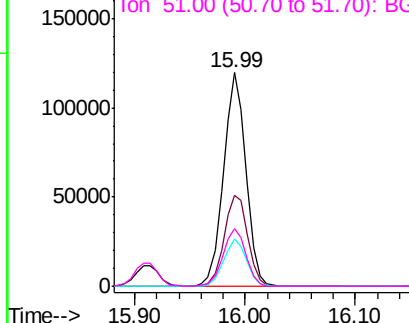
#63
Azobenzene
Concen: 38.113 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG042595.D
Acq: 30 Aug 2019 11:35

Instrument :
BNA_G
ClientSampleId :
PB122666BS

Tgt Ion:	77	Resp:	169142
Ion	Ratio	Lower	Upper
77	100		
182	42.5	19.9	59.9
105	22.1	2.9	42.9
51	26.9	7.6	47.6

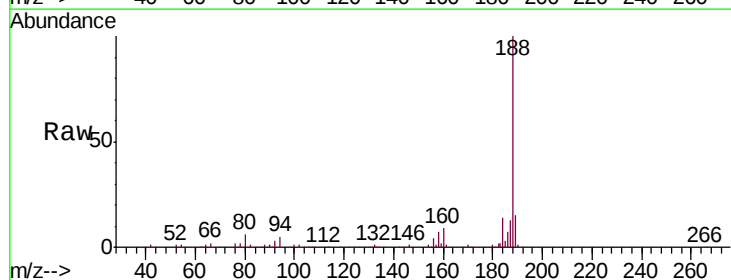


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

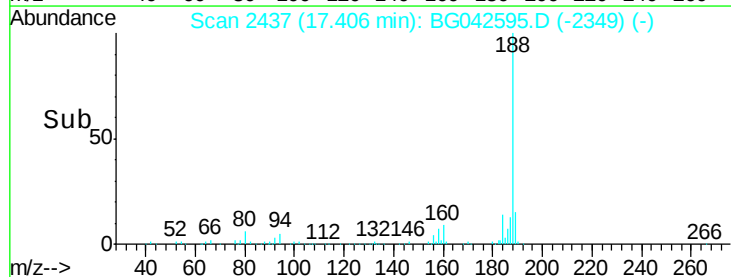
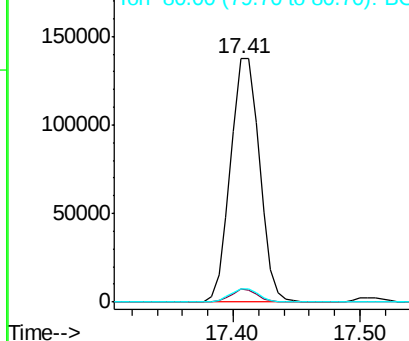


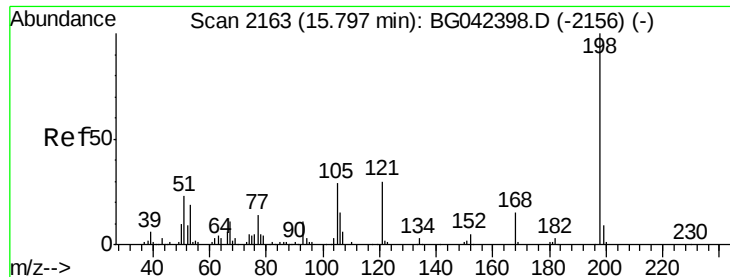
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042595.D
Acq: 30 Aug 2019 11:35

Tgt Ion:	188	Resp:	218018
Ion	Ratio	Lower	Upper
188	100		
94	5.3	4.5	6.7
80	5.7	4.9	7.3



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

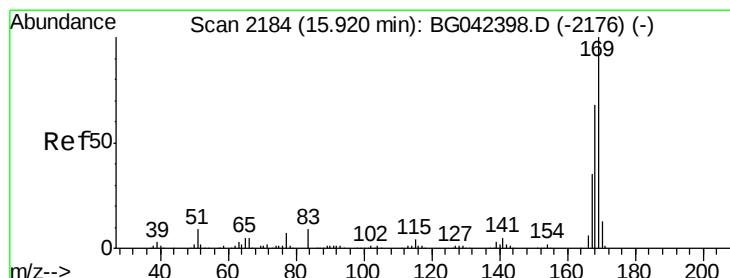
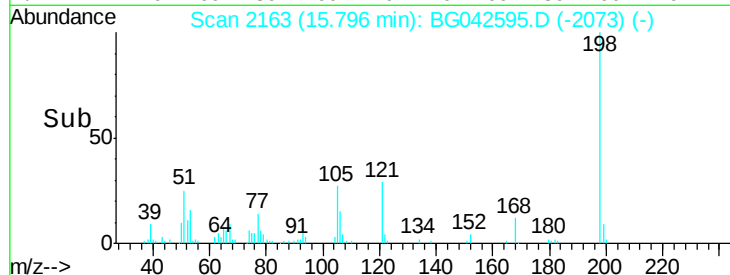
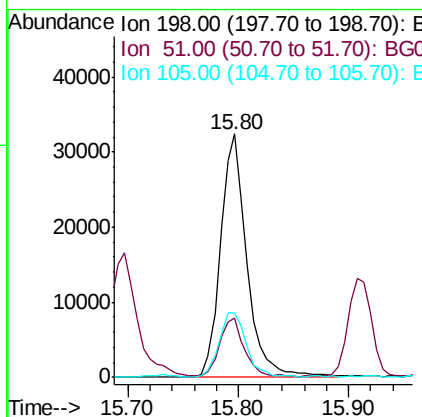
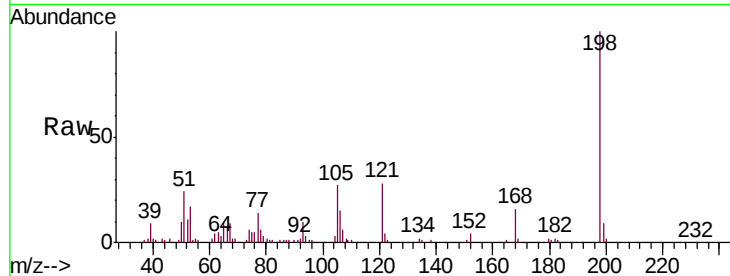




#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.462 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: BG042595.D
 Acq: 30 Aug 2019 11:35

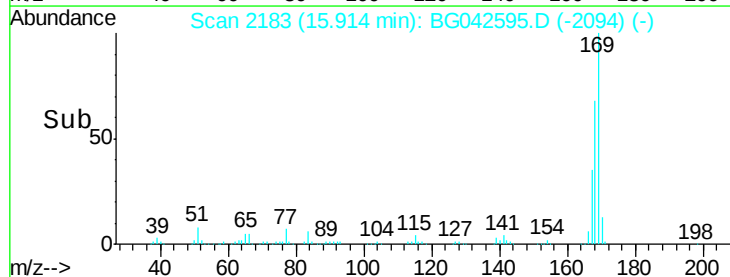
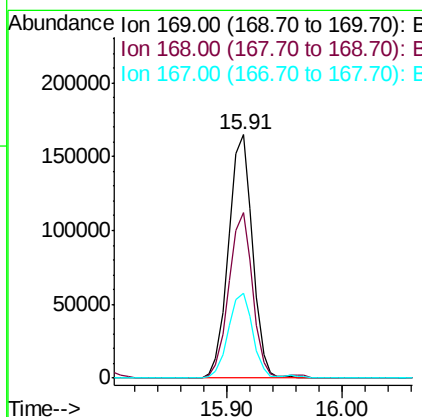
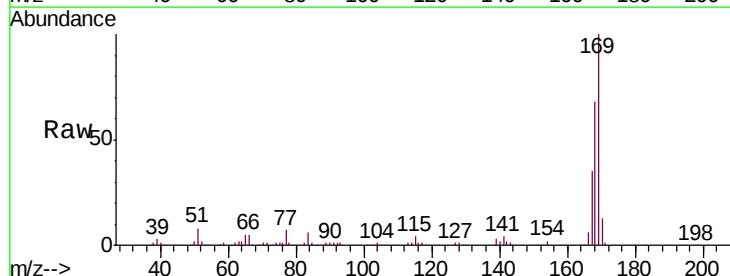
Instrument :
 BNA_G
 ClientSampleId :
 PB122666BS

Tgt Ion:198 Resp: 53940
 Ion Ratio Lower Upper
 198 100
 51 24.5 4.2 44.2
 105 26.6 8.8 48.8



#66
 n-Nitrosodiphenylamine
 Concen: 39.353 ng
 RT: 15.91 min Scan# 2183
 Delta R.T. -0.01 min
 Lab File: BG042595.D
 Acq: 30 Aug 2019 11:35

Tgt Ion:169 Resp: 235950
 Ion Ratio Lower Upper
 169 100
 168 67.8 54.3 81.5
 167 34.9 28.2 42.2

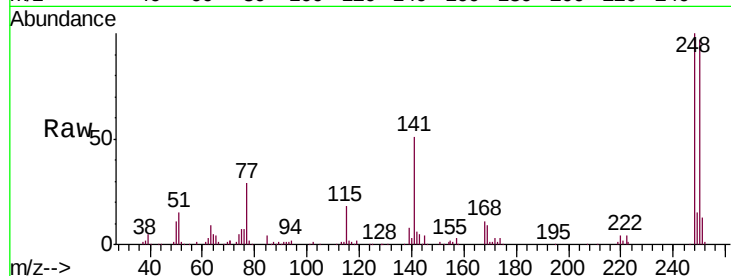




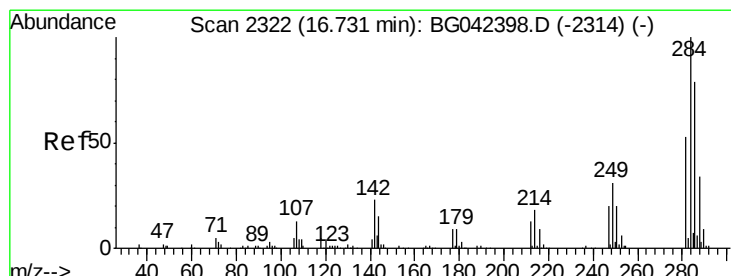
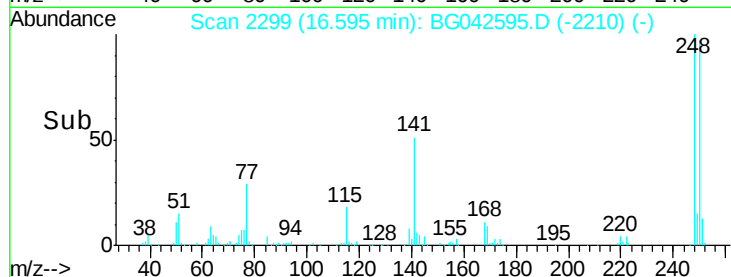
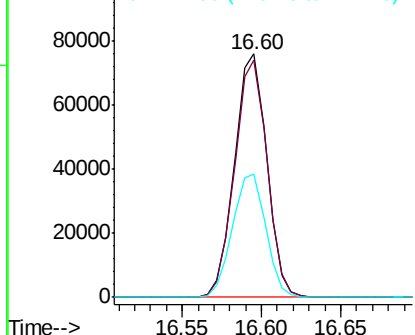
#67
 4-Bromophenyl-phenylether
 Concen: 38.928 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG042595.D
 Acq: 30 Aug 2019 11:35

Instrument :
 BNA_G
 ClientSampleId :
 PB122666BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.3	78.9	118.3
141	50.8	43.3	64.9

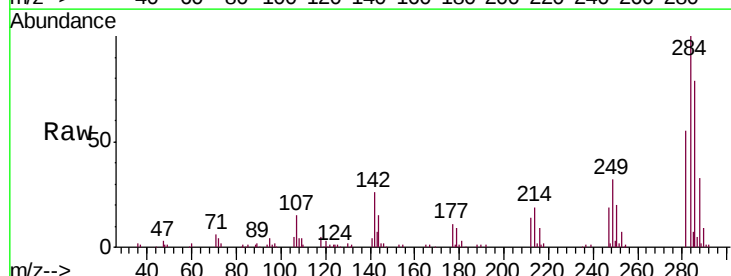


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

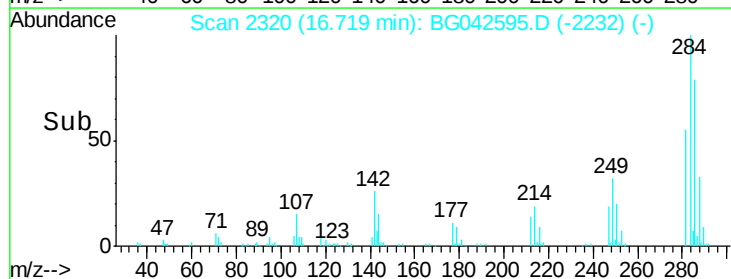
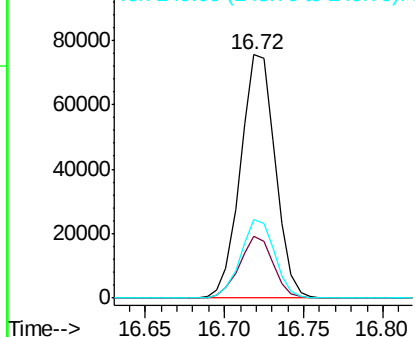


#68
 Hexachlorobenzene
 Concen: 38.198 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG042595.D
 Acq: 30 Aug 2019 11:35

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.6	18.2	27.4
249	32.2	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: 42.628 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BG042595.D

Acq: 30 Aug 2019 11:35

Instrument :

BNA_G

ClientSampleId :

PB122666BS

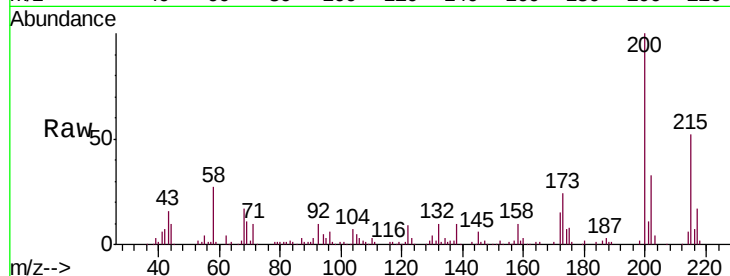
Tgt Ion:200 Resp: 90382

Ion Ratio Lower Upper

200 100

173 24.2 4.9 44.9

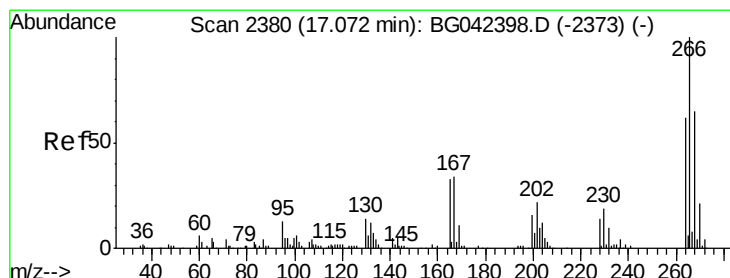
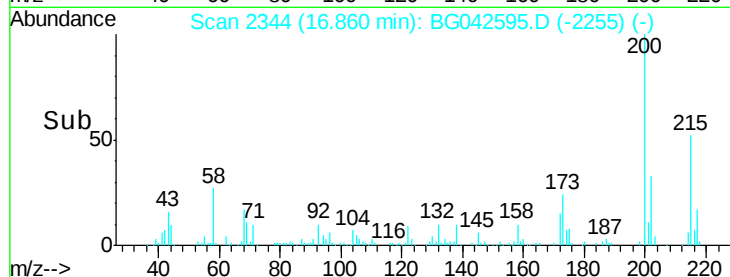
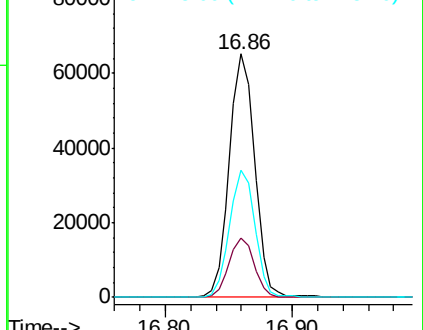
215 52.1 30.7 70.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 82.831 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BG042595.D

Acq: 30 Aug 2019 11:35

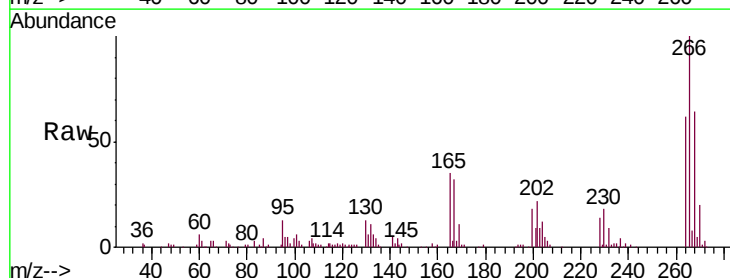
Tgt Ion:266 Resp: 129380

Ion Ratio Lower Upper

266 100

268 64.5 52.1 78.1

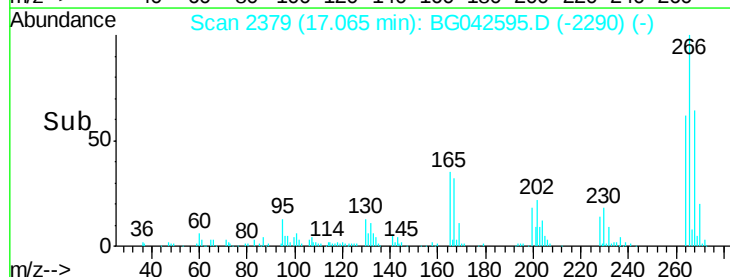
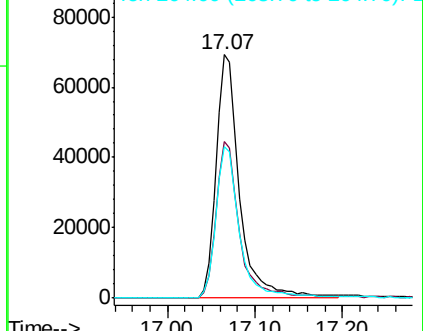
264 62.3 49.4 74.2

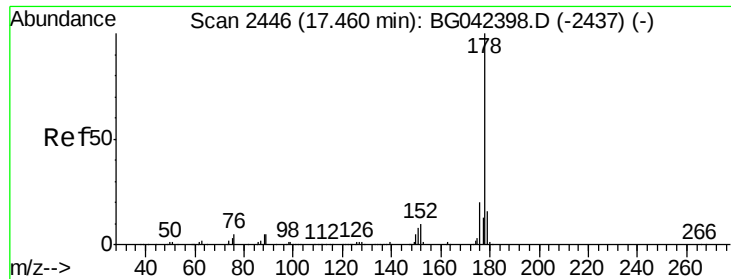


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

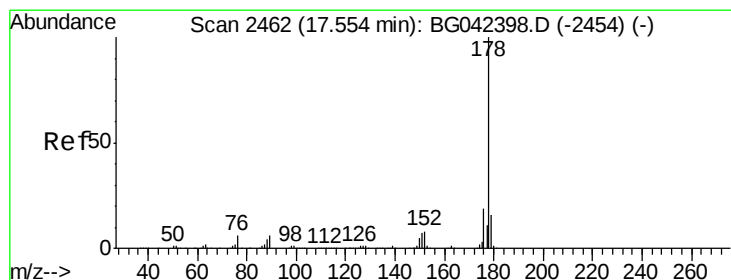
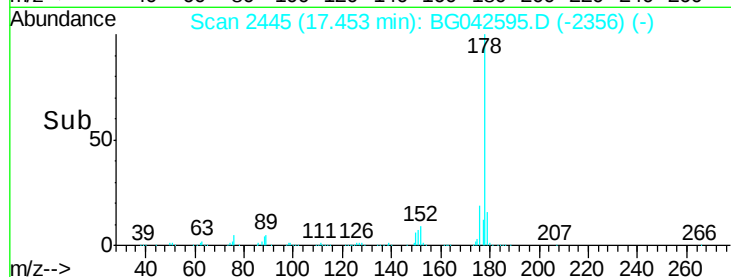
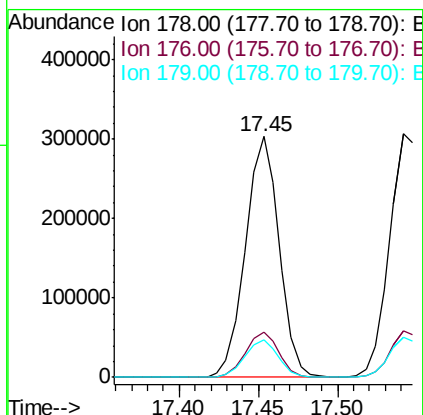
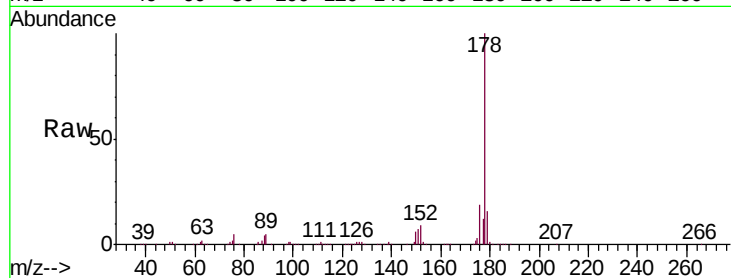




#71
Phenanthrene
Concen: 41.337 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042595.D
Acq: 30 Aug 2019 11:35

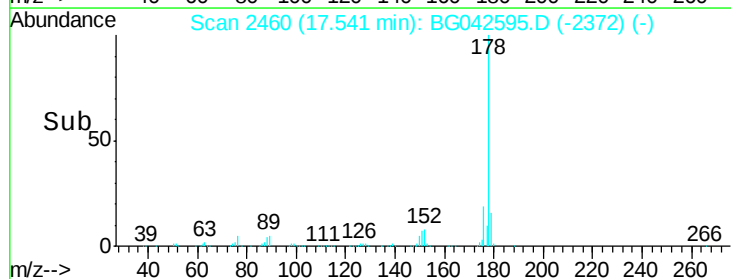
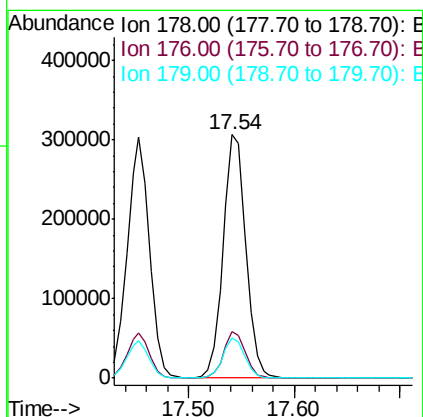
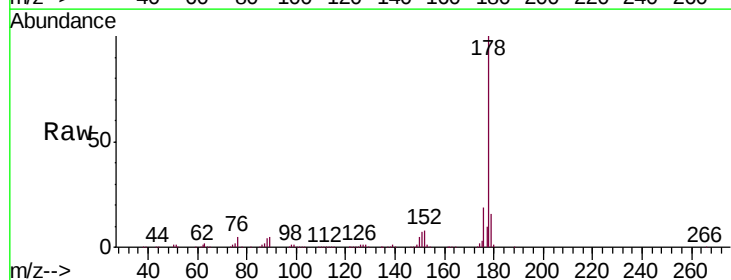
Instrument :
BNA_G
ClientSampleId :
PB122666BS

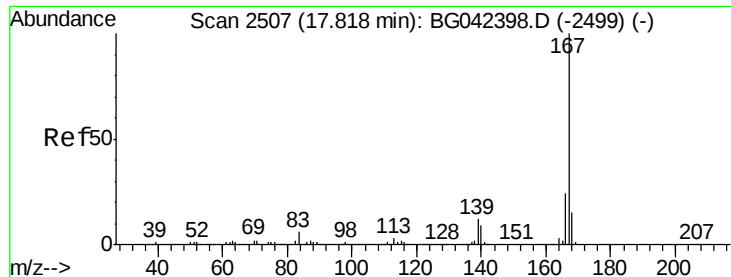
Tgt Ion:178 Resp: 447651
Ion Ratio Lower Upper
178 100
176 18.9 15.9 23.9
179 15.8 12.7 19.1



#72
Anthracene
Concen: 42.051 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG042595.D
Acq: 30 Aug 2019 11:35

Tgt Ion:178 Resp: 454609
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 16.4 12.9 19.3





#73

Carbazole

Concen: 41.927 ng

RT: 17.81 min Scan# 2506

Delta R.T. -0.01 min

Lab File: BG042595.D

Acq: 30 Aug 2019 11:35

Instrument :

BNA_G

ClientSampleId :

PB122666BS

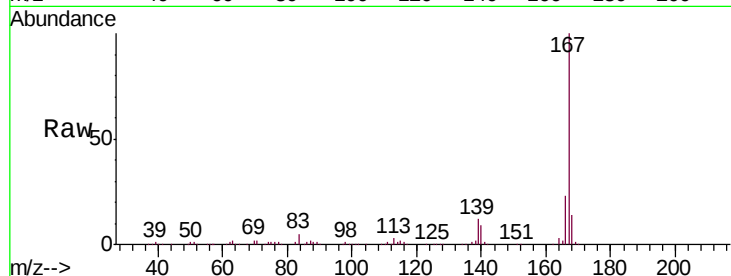
Tgt Ion:167 Resp: 403970

Ion Ratio Lower Upper

167 100

166 22.9 18.9 28.3

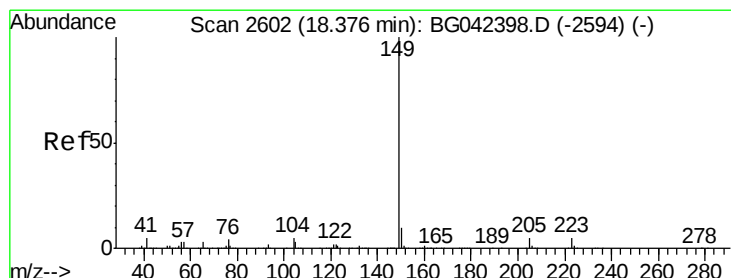
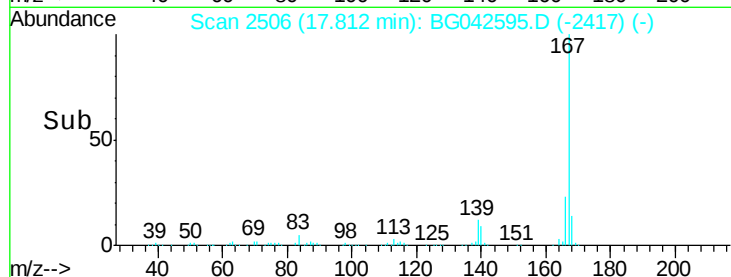
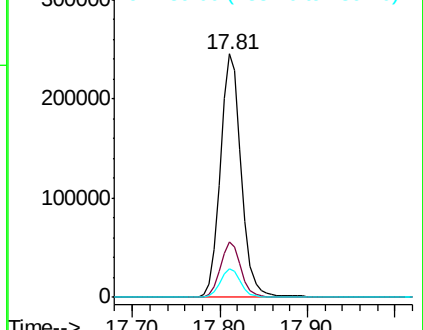
139 11.6 9.8 14.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.096 ng

RT: 18.37 min Scan# 2601

Delta R.T. -0.01 min

Lab File: BG042595.D

Acq: 30 Aug 2019 11:35

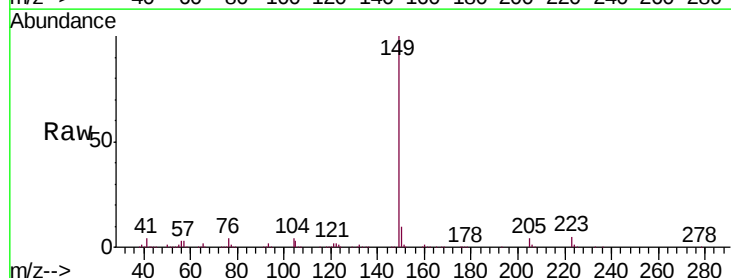
Tgt Ion:149 Resp: 456677

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

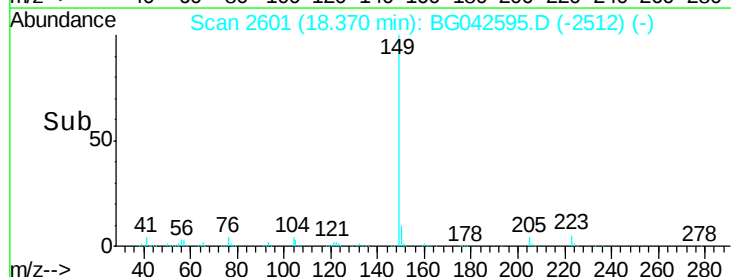
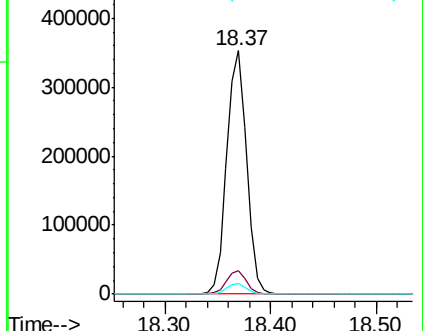
104 4.5 3.7 5.5

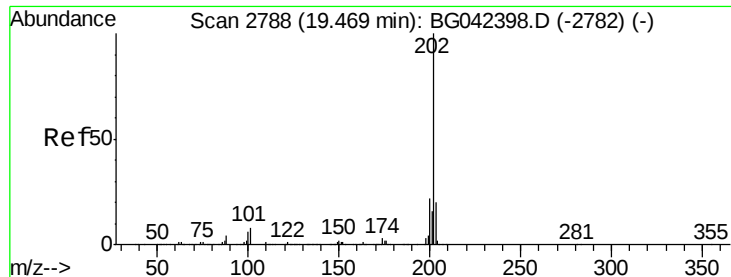


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 45.768 ng

RT: 19.46 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG042595.D

Acq: 30 Aug 2019 11:35

Instrument :

BNA_G

ClientSampleId :

PB122666BS

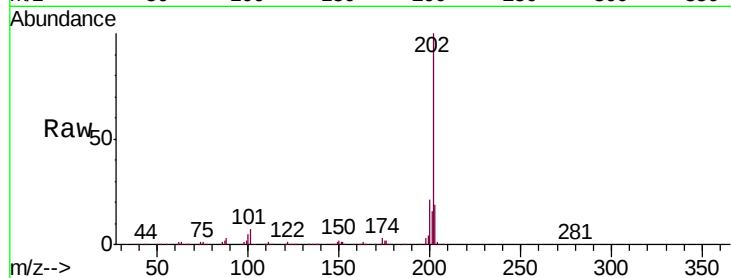
Tgt Ion:202 Resp: 604884

Ion Ratio Lower Upper

202 100

101 6.6 0.0 28.3

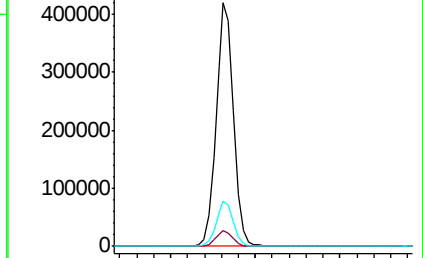
203 18.6 0.0 39.6



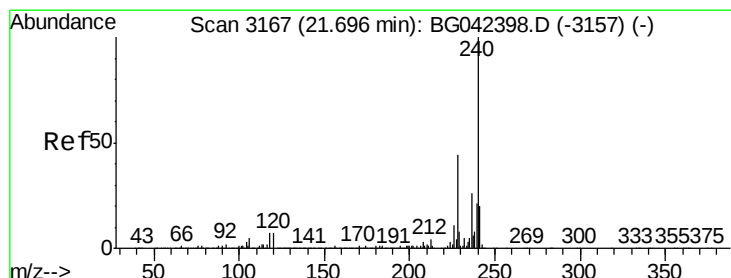
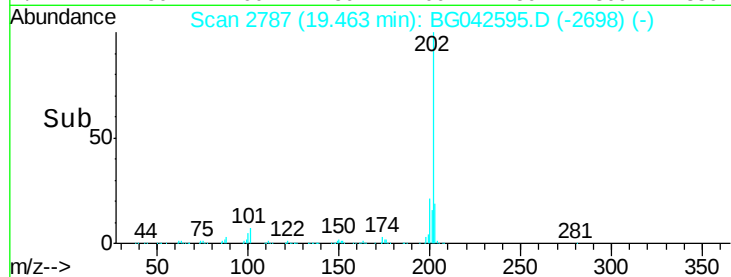
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042595.D

Acq: 30 Aug 2019 11:35

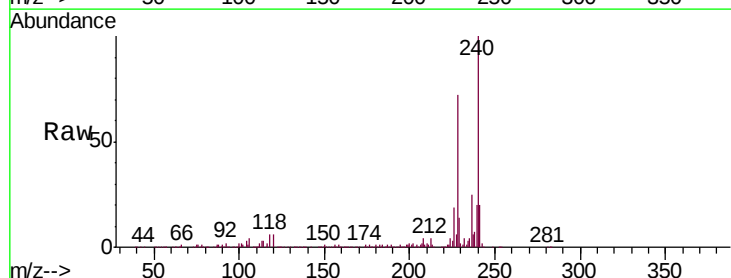
Tgt Ion:240 Resp: 247353

Ion Ratio Lower Upper

240 100

120 6.1 5.7 8.5

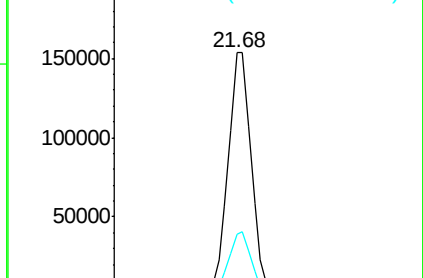
236 25.2 21.0 31.4



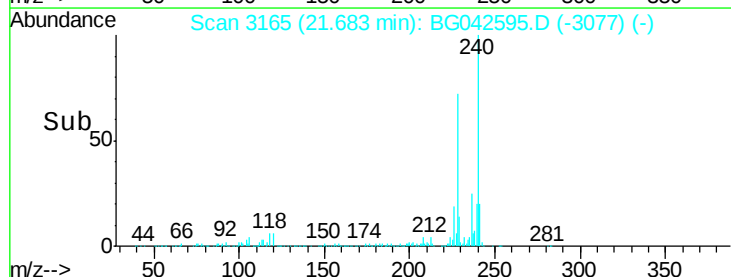
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 33.660 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG042595.D

Acq: 30 Aug 2019 11:35

Instrument :

BNA_G

ClientSampleId :

PB122666BS

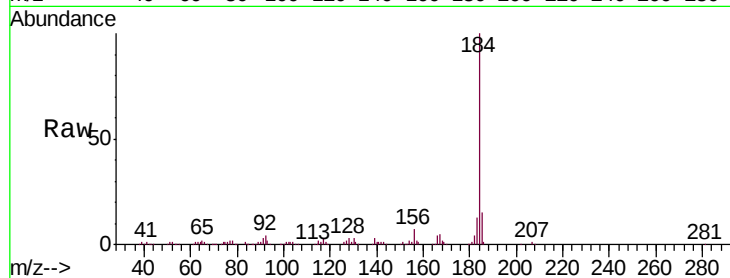
Tgt Ion:184 Resp: 238706

Ion Ratio Lower Upper

184 100

185 15.0 12.2 18.4

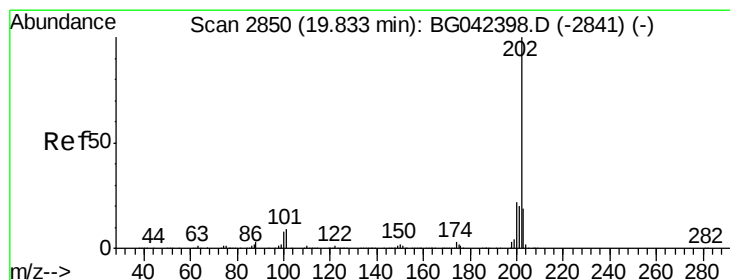
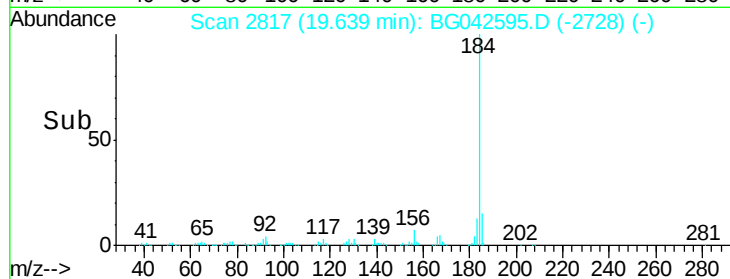
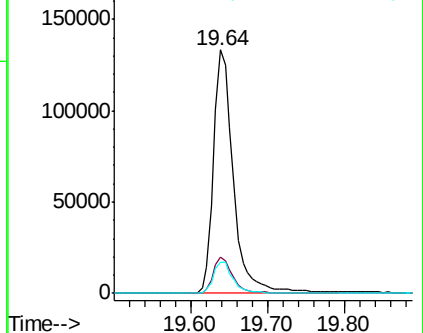
183 12.9 10.8 16.2



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: 40.369 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG042595.D

Acq: 30 Aug 2019 11:35

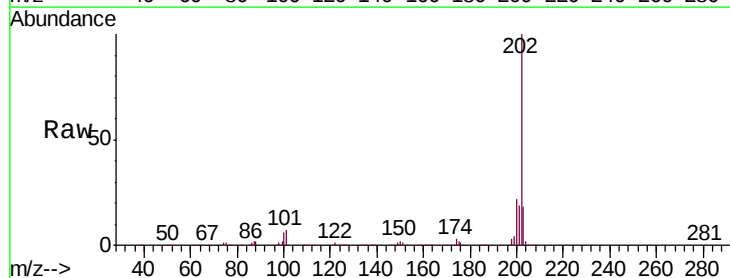
Tgt Ion:202 Resp: 612207

Ion Ratio Lower Upper

202 100

200 21.6 17.8 26.6

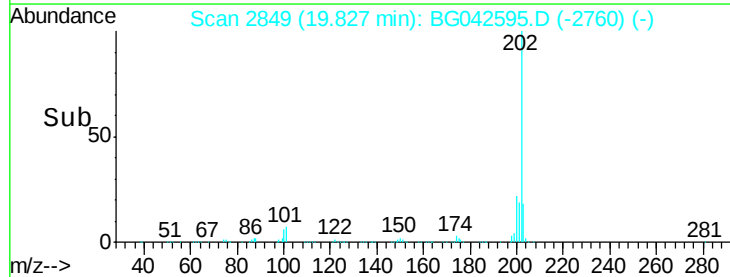
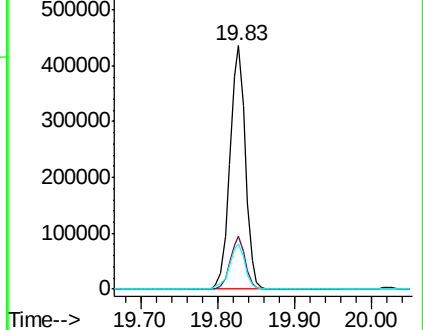
203 18.4 15.5 23.3

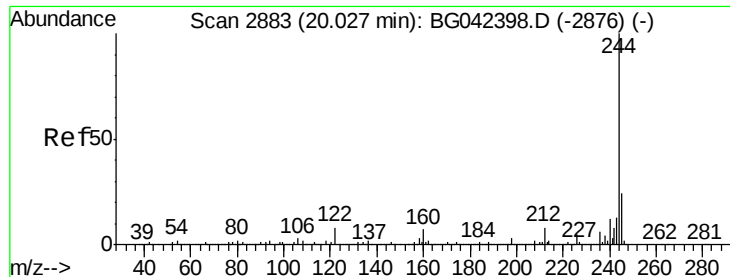


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 67.123 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042595.D

Acq: 30 Aug 2019 11:35

Instrument :

BNA_G

ClientSampleId :

PB122666BS

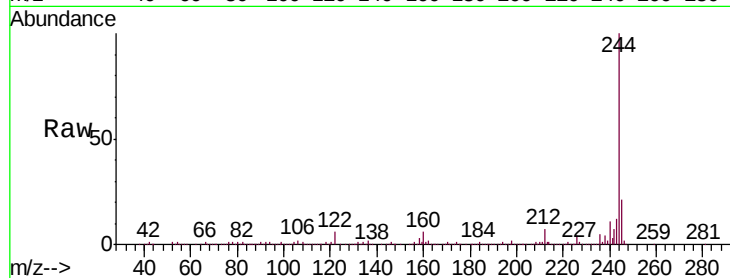
Tgt Ion:244 Resp: 767983

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

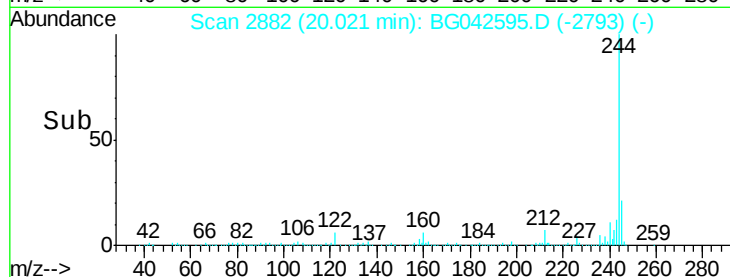
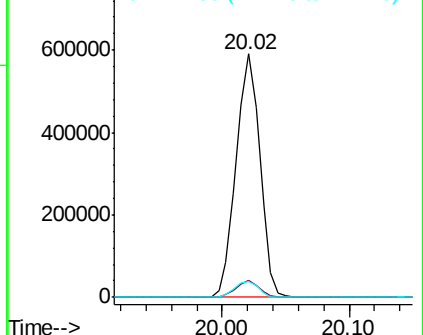
122 6.5 6.7 10.1#



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: 37.138 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.01 min

Lab File: BG042595.D

Acq: 30 Aug 2019 11:35

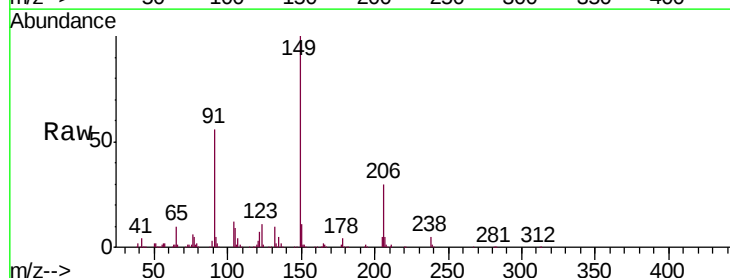
Tgt Ion:149 Resp: 221518

Ion Ratio Lower Upper

149 100

91 55.6 45.9 68.9

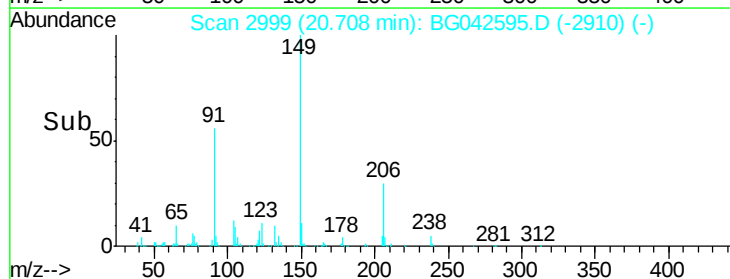
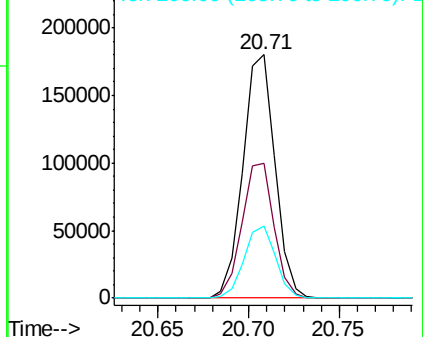
206 29.7 22.5 33.7



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: 40.976 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG042595.D

Acq: 30 Aug 2019 11:35

Instrument :

BNA_G

ClientSampleId :

PB122666BS

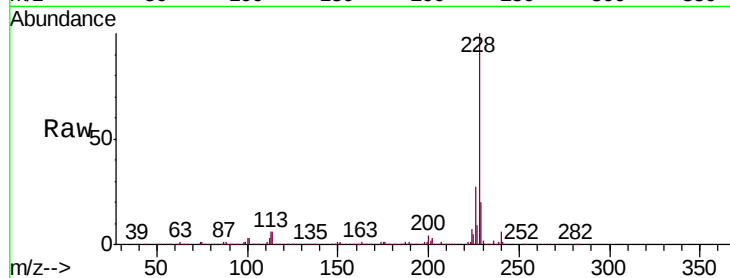
Tgt Ion:228 Resp: 616564

Ion Ratio Lower Upper

228 100

226 27.4 23.4 35.2

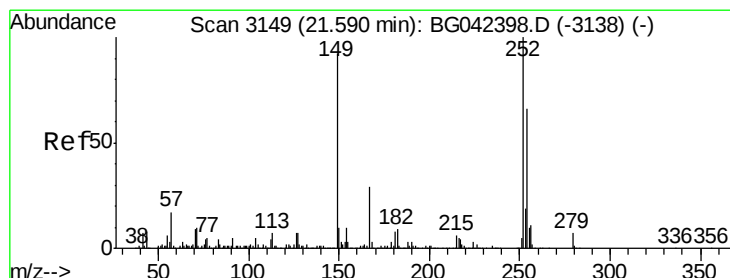
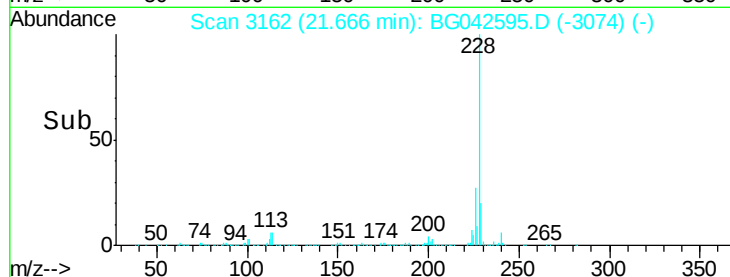
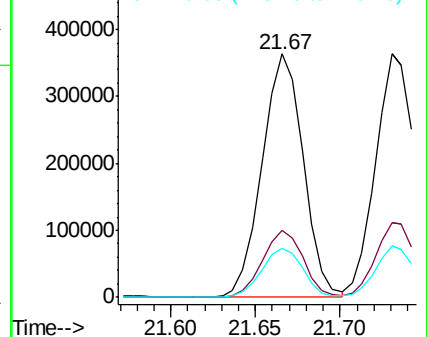
229 20.2 17.4 26.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 35.348 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG042595.D

Acq: 30 Aug 2019 11:35

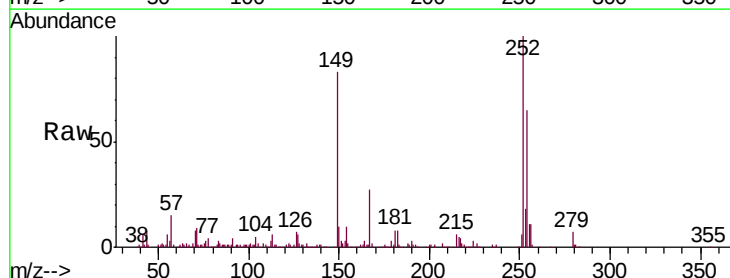
Tgt Ion:252 Resp: 213912

Ion Ratio Lower Upper

252 100

254 64.9 53.0 79.4

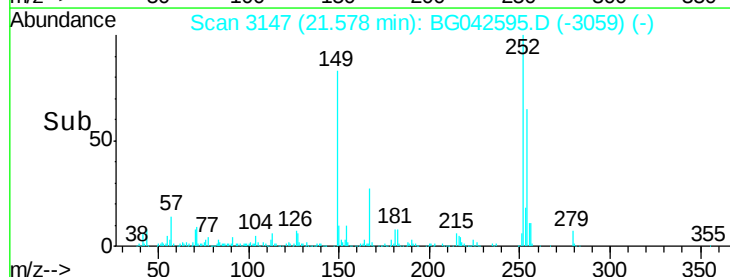
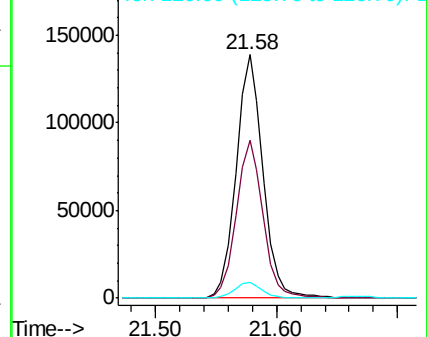
126 6.7 5.7 8.5



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

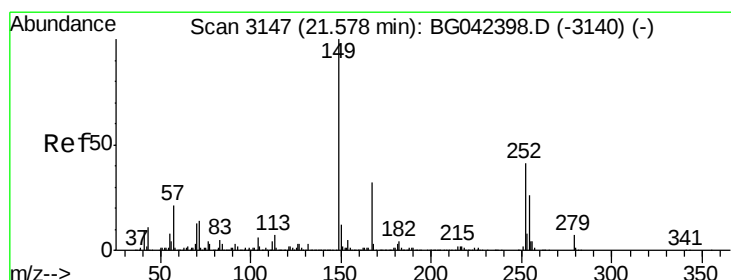
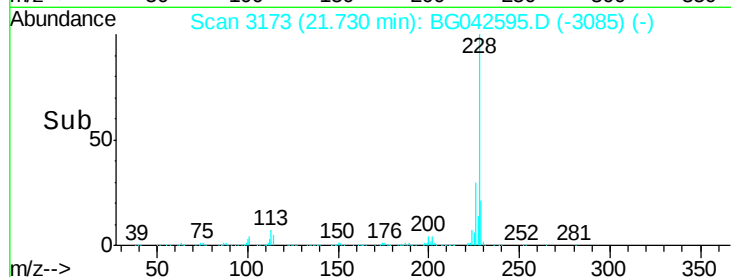
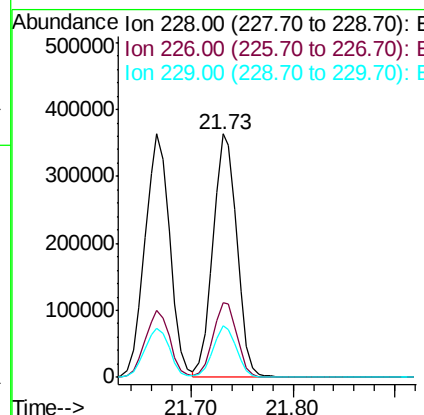
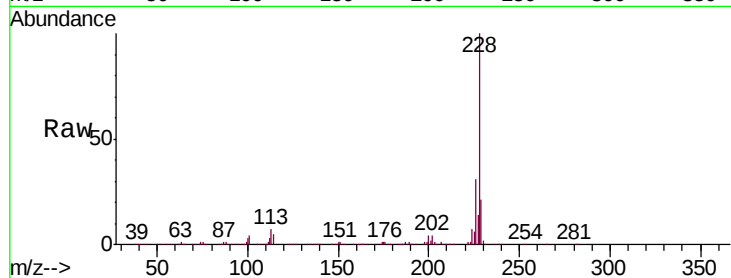




#83
 Chrysene
 Concen: 40.815 ng
 RT: 21.73 min Scan# 3173
 Delta R.T. -0.01 min
 Lab File: BG042595.D
 Acq: 30 Aug 2019 11:35

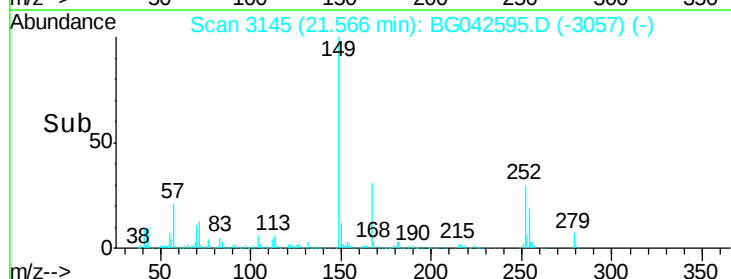
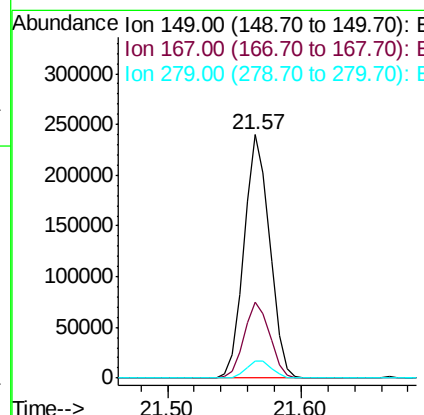
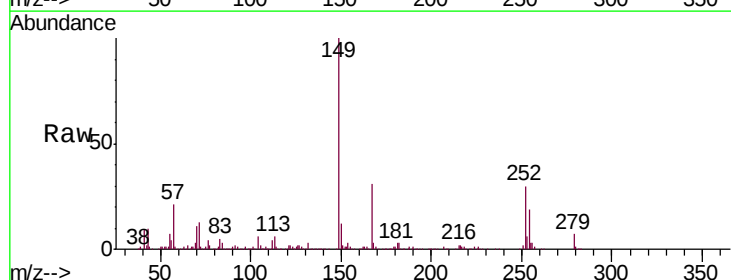
Instrument :
 BNA_G
 ClientSampleId :
 PB122666BS

Tgt Ion:	228	Resp:	592285
Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	21.0	16.9	25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.210 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG042595.D
 Acq: 30 Aug 2019 11:35

Tgt Ion:	149	Resp:	316448
Ion	Ratio	Lower	Upper
149	100		
167	31.4	26.0	39.0
279	7.1	5.4	8.0

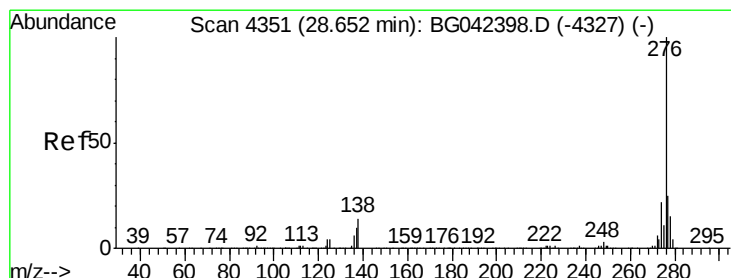
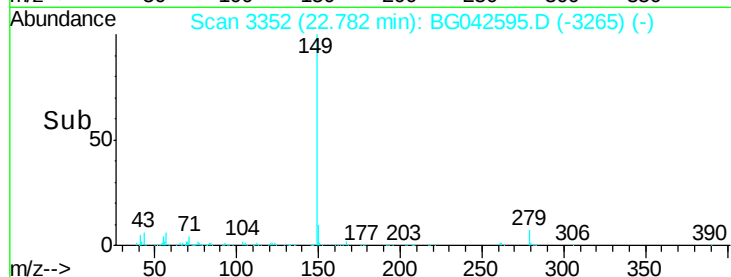
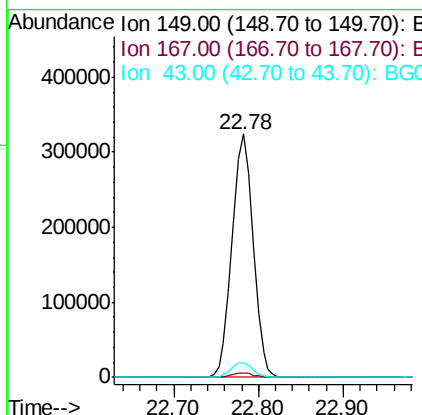
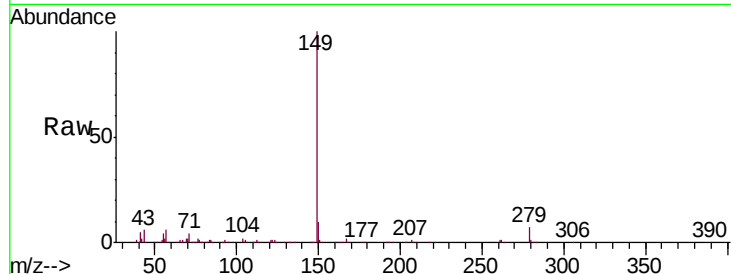




#85
Di-n-octyl phthalate
Concen: 38.997 ng
RT: 22.78 min Scan# 3352
Delta R.T. -0.02 min
Lab File: BG042595.D
Acq: 30 Aug 2019 11:35

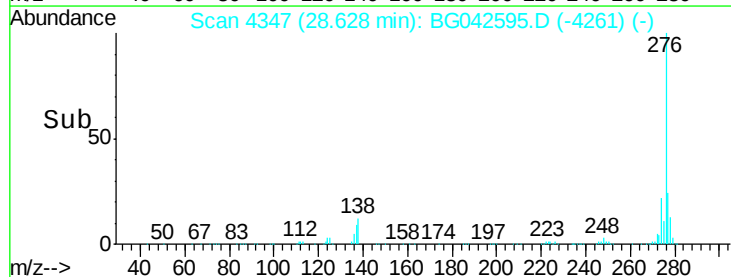
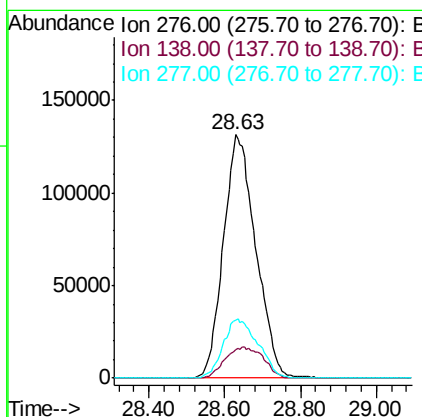
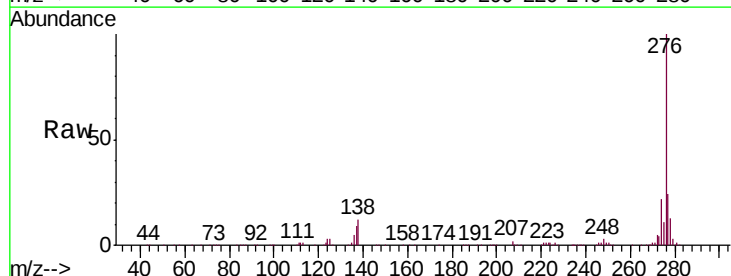
Instrument :
BNA_G
ClientSampleId :
PB122666BS

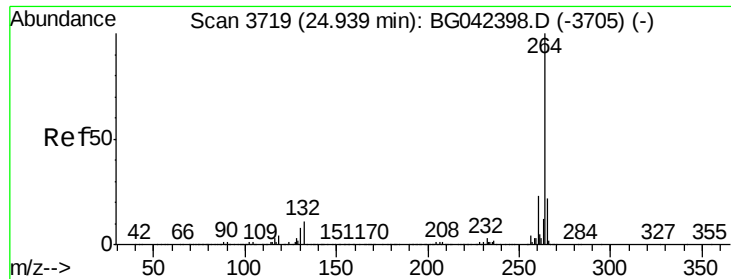
Tgt Ion:149 Resp: 555471
Ion Ratio Lower Upper
149 100
167 1.8 1.6 2.4
43 6.3 5.3 7.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.658 ng
RT: 28.63 min Scan# 4347
Delta R.T. -0.02 min
Lab File: BG042595.D
Acq: 30 Aug 2019 11:35

Tgt Ion:276 Resp: 782082
Ion Ratio Lower Upper
276 100
138 0.0 9.2 13.8#
277 26.1 21.0 31.6



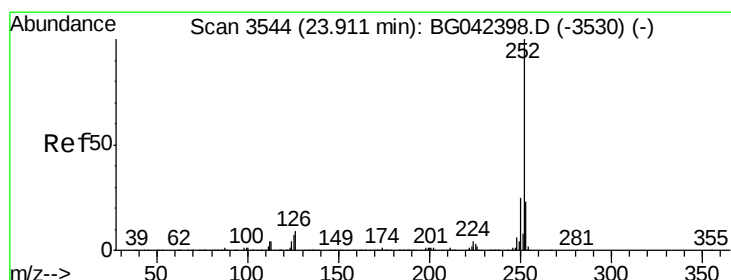
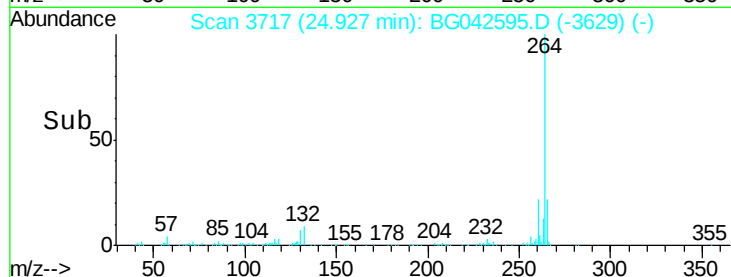
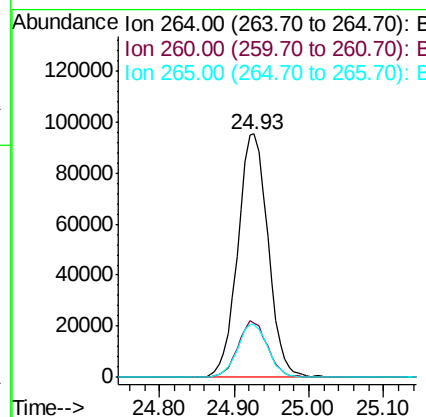
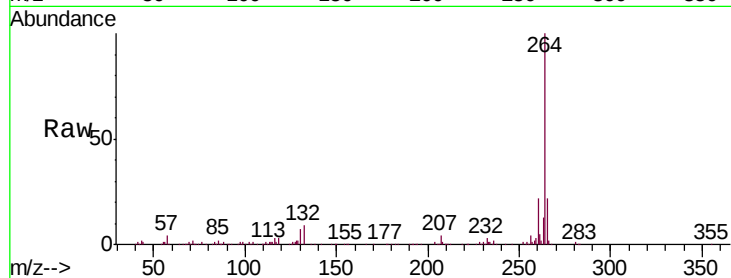


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042595.D
Acq: 30 Aug 2019 11:35

Instrument :
BNA_G
ClientSampleId :
PB122666BS

Tgt Ion: 264 Resp: 268951

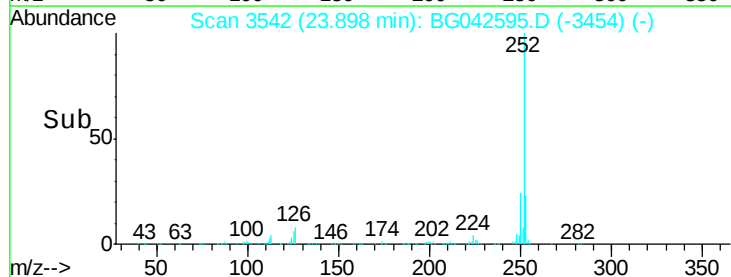
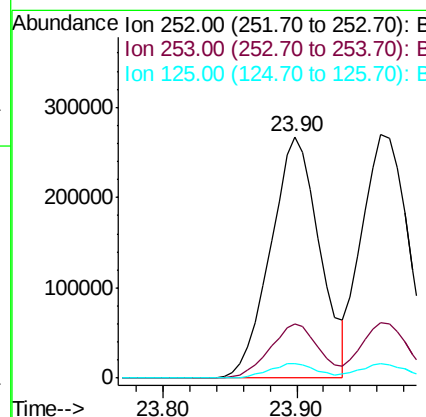
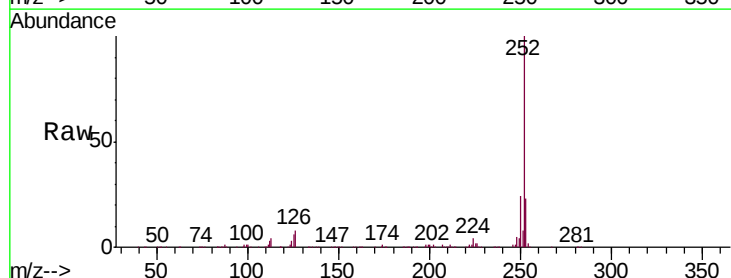
Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.5	27.7
265	21.7	17.6	26.4

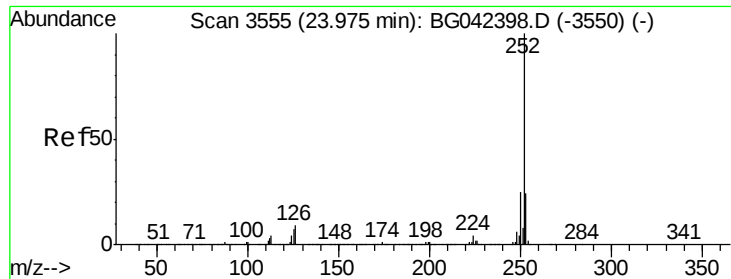


#88
Benzo(b)fluoranthene
Concen: 46.185 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG042595.D
Acq: 30 Aug 2019 11:35

Tgt Ion: 252 Resp: 682893

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.6	27.8
125	6.0	5.6	8.4

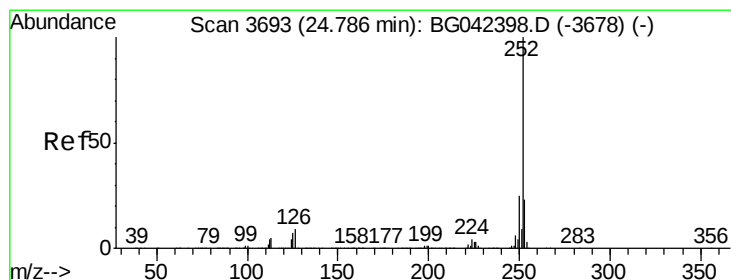
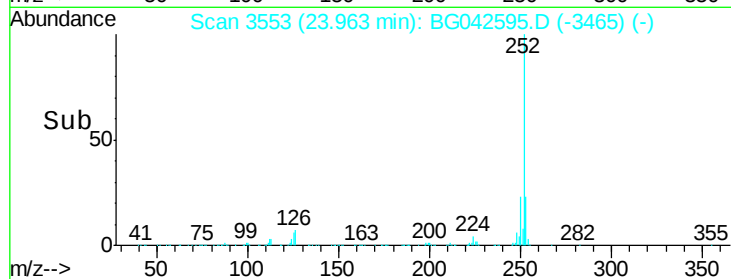
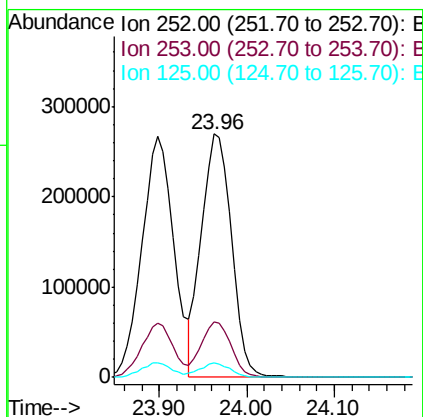
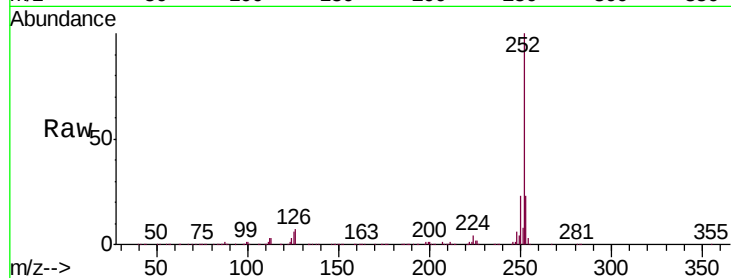




#89
Benzo(k)fluoranthene
Concen: 45.589 ng
RT: 23.96 min Scan# 3553
Delta R.T. -0.01 min
Lab File: BG042595.D
Acq: 30 Aug 2019 11:35

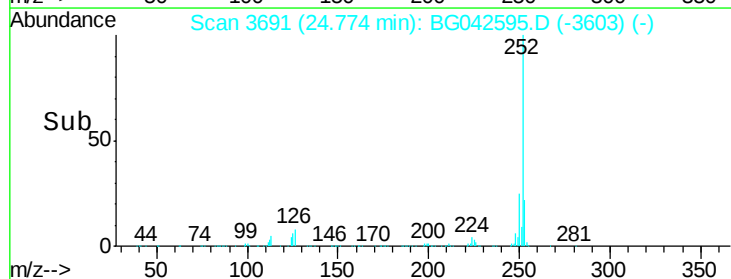
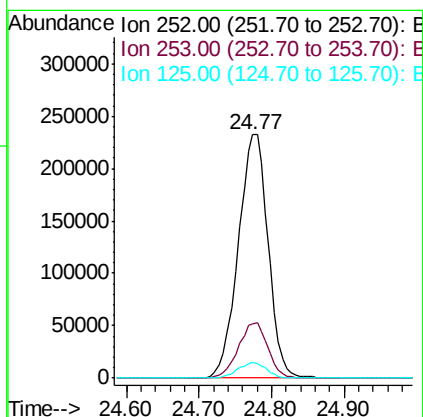
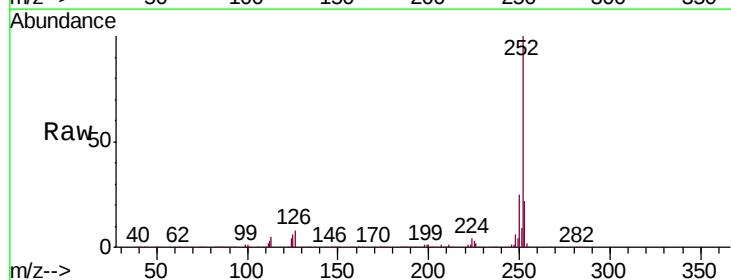
Instrument :
BNA_G
ClientSampleId :
PB122666BS

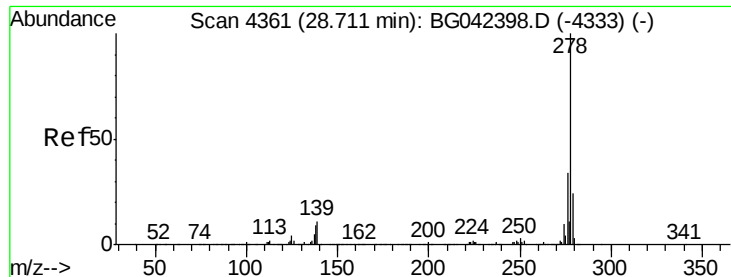
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.6	27.8
125	5.8	5.8	8.6



#90
Benzo(a)pyrene
Concen: 47.256 ng
RT: 24.77 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BG042595.D
Acq: 30 Aug 2019 11:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	6.5	6.0	9.0





#91

Dibenzo(a,h)anthracene

Concen: 45.714 ng

RT: 28.69 min Scan# 4357

Delta R.T. -0.02 min

Lab File: BG042595.D

Acq: 30 Aug 2019 11:35

Instrument :

BNA_G

ClientSampleId :

PB122666BS

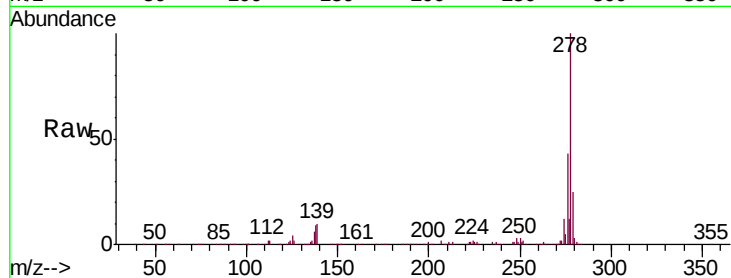
Tgt Ion:278 Resp: 649419

Ion Ratio Lower Upper

278 100

139 9.9 8.8 13.2

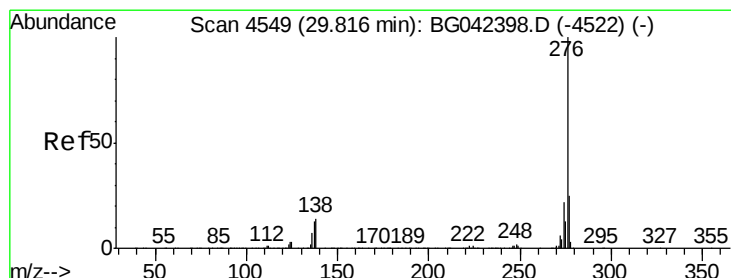
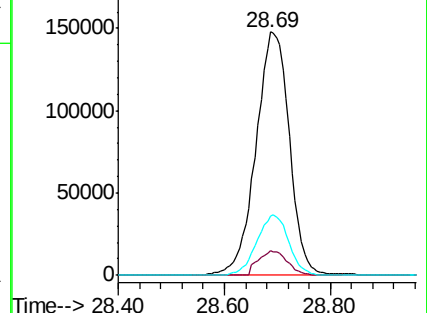
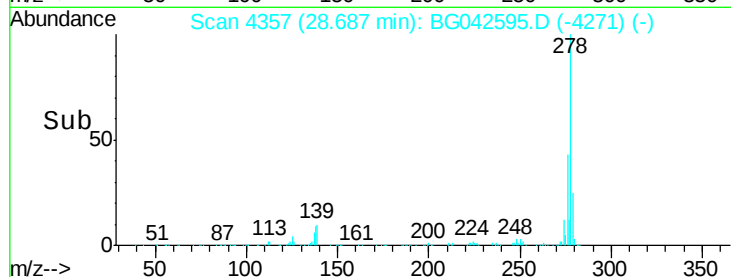
279 24.6 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.068 ng

RT: 29.80 min Scan# 4546

Delta R.T. -0.02 min

Lab File: BG042595.D

Acq: 30 Aug 2019 11:35

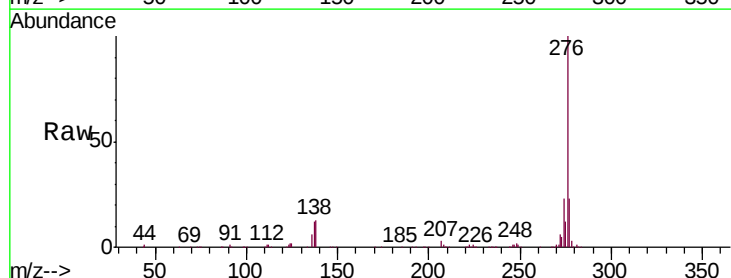
Tgt Ion:276 Resp: 654543

Ion Ratio Lower Upper

276 100

277 22.6 19.8 29.8

138 13.1 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

