

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061716\
 Data File : BG022419.D
 Acq On : 18 Jun 2016 12:00
 Operator : UM/SJ
 Sample : PB91233BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91233BS

Quant Time: Jun 20 01:19:49 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	22184	20.00	ng	-0.05
21) Naphthalene-d8	10.86	136	119306	20.00	ng	-0.04
38) Acenaphthene-d10	14.68	164	72740	20.00	ng	-0.04
63) Phenanthrene-d10	17.43	188	170904	20.00	ng	-0.04
75) Chrysene-d12	21.69	240	152359	20.00	ng	-0.05
86) Perylene-d12	24.93	264	137923	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	158157	137.84	ng	-0.03
7) Phenol-d6	7.23	99	238589	132.26	ng	-0.02
23) Nitrobenzene-d5	9.22	82	125505	73.34	ng	-0.04
41) 2,4,6-Tribromophenol	16.17	330	78357	95.33	ng	-0.04
44) 2-Fluorobiphenyl	13.30	172	334408	70.06	ng	-0.04
78) Terphenyl-d14	20.02	244	470916	73.38	ng	-0.04

Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	15499	28.17	ng	# 73
3) Pyridine	3.82	79	44068	29.64	ng	93
4) n-Nitrosodimethylamine	3.74	42	13975	42.04	ng	77
6) Aniline	7.37	93	55610	24.26	ng	# 83
8) 2-Chlorophenol	7.61	128	65760	41.47	ng	# 79
10) Phenol	7.26	94	79218	42.59	ng	84
11) bis(2-Chloroethyl)ether	7.46	93	56271	37.95	ng	# 74
12) 1,3-Dichlorobenzene	7.93	146	58956	34.68	ng	# 90
13) 1,4-Dichlorobenzene	8.08	146	61233	36.15	ng	96
14) 1,2-Dichlorobenzene	8.40	146	61653	36.11	ng	95
15) Benzyl Alcohol	8.30	79	44244	37.96	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.57	45	66520	43.23	ng	82
17) 2-Methylphenol	8.51	107	56058	40.39	ng	# 86
18) Hexachloroethane	9.12	117	23641	38.23	ng	# 79
19) n-Nitroso-di-n-propylamine	8.85	70	45523	37.28	ng	# 73
20) 3+4-Methylphenols	8.84	107	75229	37.79	ng	98
22) Acetophenone	8.87	105	88002	34.23	ng	# 83
24) Nitrobenzene	9.26	77	62869	36.53	ng	92
25) Isophorone	9.78	82	138354	34.56	ng	95
26) 2-Nitrophenol	9.98	139	33823	36.25	ng	# 78
27) 2,4-Dimethylphenol	10.04	122	65235	38.62	ng	91
28) bis(2-Chloroethoxy)methane	10.26	93	81153	35.38	ng	93
29) 2,4-Dichlorophenol	10.53	162	59444	37.99	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	58496	33.46	ng	94
31) Naphthalene	10.91	128	206160	34.62	ng	# 97
32) Benzoic acid	10.20	122	21903	40.92	ng	# 81
33) 4-Chloroaniline	11.04	127	29489	11.91	ng	# 90
34) Hexachlorobutadiene	11.18	225	30354	32.34	ng	96
35) Caprolactam	11.80	113	17295	20.15	ng	# 51
36) 4-Chloro-3-methylphenol	12.17	107	70380	37.95	ng	# 83
37) 2-Methylnaphthalene	12.51	142	148688	33.82	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	60649	32.39	ng	# 96
40) Hexachlorocyclopentadiene	12.85	237	33650	38.13	ng	96
42) 2,4,6-Trichlorophenol	13.13	196	44975	35.80	ng	97

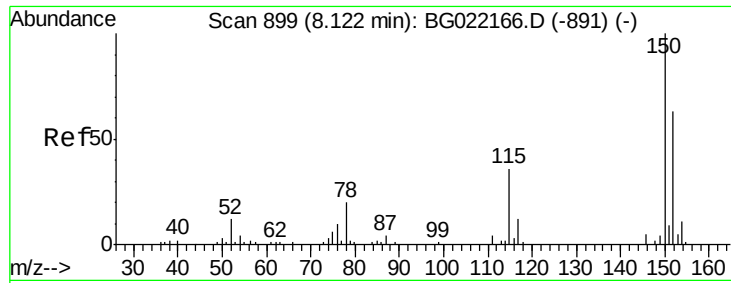
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061716\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.22	196	47332	34.11	ng	97
45) 1,1'-Biphenyl	13.51	154	196738	35.94	ng	95
46) 2-Chloronaphthalene	13.56	162	152514	36.34	ng	96
47) 2-Nitroaniline	13.78	65	40721	40.70	ng	# 66
48) Acenaphthylene	14.41	152	265255	36.03	ng	96
49) Dimethylphthalate	14.13	163	207945	34.48	ng	98
50) 2,6-Dinitrotoluene	14.26	165	46941	35.80	ng	# 80
51) Acenaphthene	14.75	154	155784	35.32	ng	91
52) 3-Nitroaniline	14.61	138	27548	18.94	ng	# 87
53) 2,4-Dinitrophenol	14.82	184	29409	58.35	ng	# 80
54) Dibenzofuran	15.08	168	245656	35.68	ng	99
55) 4-Nitrophenol	14.96	139	54004	53.81	ng	# 73
56) 2,4-Dinitrotoluene	15.06	165	65245	37.10	ng	# 86
57) Fluorene	15.73	166	207202	34.94	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.32	232	38398	30.85	ng	95
59) Diethylphthalate	15.49	149	227913	35.38	ng	99
60) 4-Chlorophenyl-phenylether	15.71	204	94246	35.09	ng	99
61) 4-Nitroaniline	15.77	138	37216	24.13	ng	85
62) Azobenzene	16.01	77	194898	39.95	ng	88
64) 4,6-Dinitro-2-methylphenol	15.83	198	28344	34.45	ng	83
65) n-Nitrosodiphenylamine	15.93	169	179062	36.37	ng	99
66) 4-Bromophenyl-phenylether	16.61	248	54355	33.94	ng	98
67) Hexachlorobenzene	16.73	284	58767	31.49	ng	98
68) Atrazine	16.87	200	60778	33.35	ng	96
69) Pentachlorophenol	17.09	266	37308	47.13	ng	97
70) Phenanthrene	17.47	178	328103	35.35	ng	99
71) Anthracene	17.56	178	331339	35.99	ng	98
72) Carbazole	17.84	167	300782	34.50	ng	99
73) Di-n-butylphthalate	18.37	149	424513	37.24	ng	99
74) Fluoranthene	19.47	202	370904	34.76	ng	95
76) Benzidine	19.67	184	73817	18.53	ng	97
77) Pyrene	19.83	202	367121	38.76	ng	98
79) Butylbenzylphthalate	20.70	149	182910	41.64	ng	# 94
80) Benzo(a)anthracene	21.67	228	306499	35.88	ng	100
81) 3,3'-Dichlorobenzidine	21.59	252	48288	20.13	ng	# 95
82) Chrysene	21.74	228	297863	35.83	ng	99
83) Bis(2-ethylhexyl)phthalate	21.54	149	262486	40.63	ng	# 95
84) Di-n-octyl phthalate	22.75	149	444559	41.45	ng	# 87
85) Indeno(1,2,3-cd)pyrene	28.65	276	321276	34.45	ng	# 83
87) Benzo(b)fluoranthene	23.89	252	296245	36.83	ng	# 96
88) Benzo(k)fluoranthene	23.96	252	291620	36.83	ng	# 95
89) Benzo(a)pyrene	24.78	252	293610	38.17	ng	# 93
90) Dibenzo(a,h)anthracene	28.70	278	260464	35.96	ng	# 91
91) Benzo(g,h,i)perylene	29.80	276	269038	35.70	ng	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 886

Delta R.T. -0.05 min

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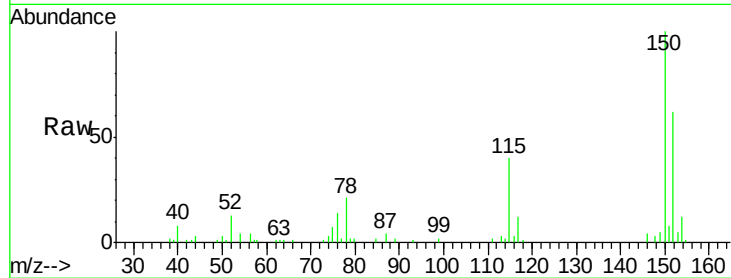
Tgt Ion:152 Resp: 22184

Ion Ratio Lower Upper

152 100

150 161.4 130.1 195.1

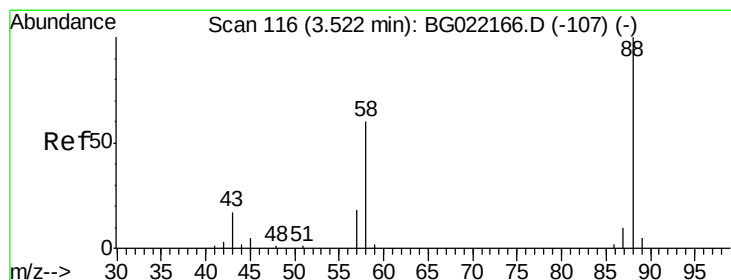
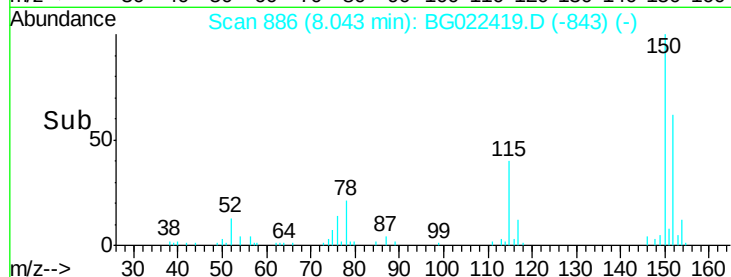
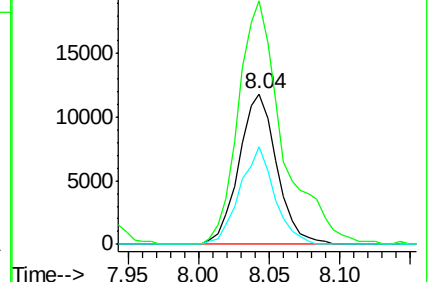
115 64.7 62.2 93.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 28.17 ng

RT: 3.41 min Scan# 97

Delta R.T. -0.07 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

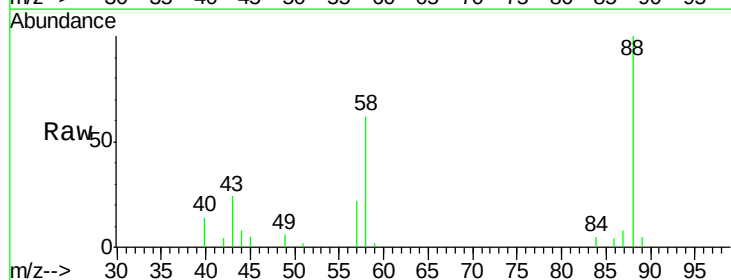
Tgt Ion: 88 Resp: 15499

Ion Ratio Lower Upper

88 100

58 63.6 36.8 55.2#

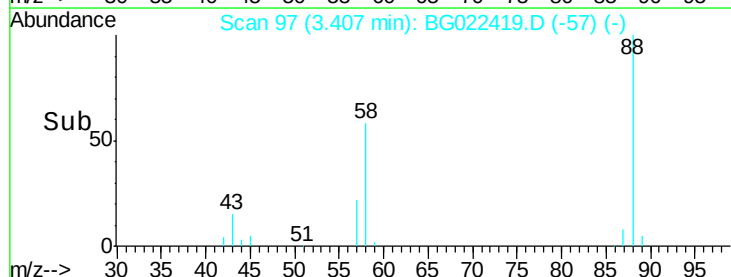
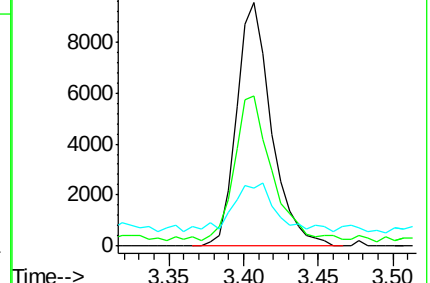
43 24.9 10.4 15.6#

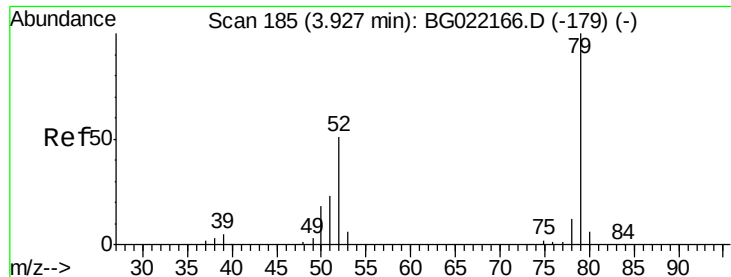


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 29.64 ng

RT: 3.82 min Scan# 167

Delta R.T. -0.07 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Instrument :

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PB91233BS

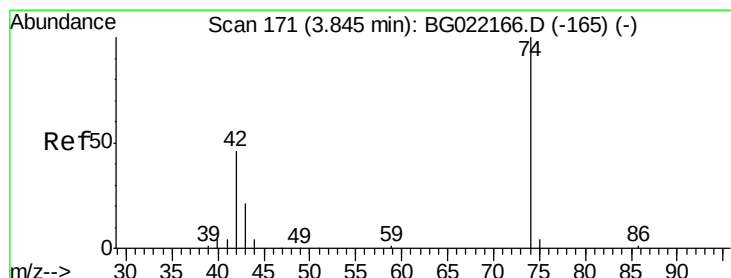
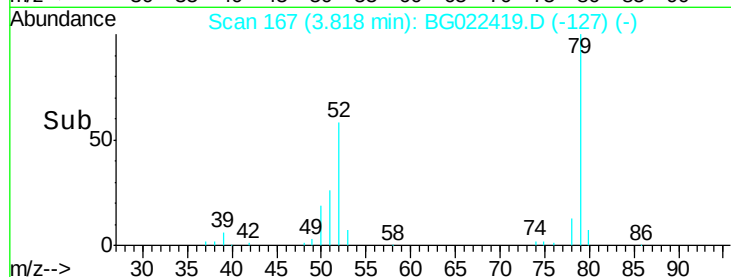
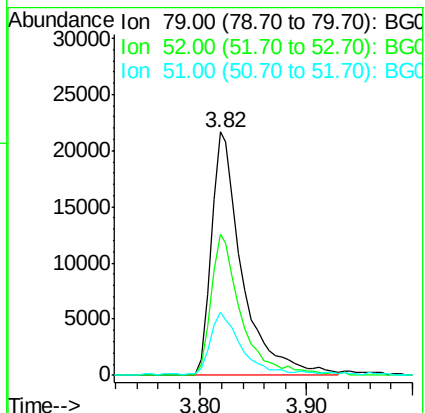
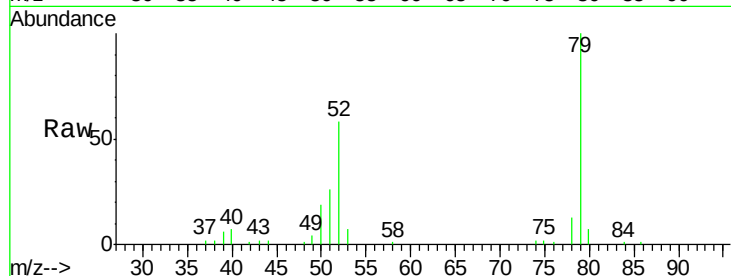
Tgt Ion: 79 Resp: 44068

Ion Ratio Lower Upper

79 100

52 57.8 41.6 62.4

51 26.0 19.2 28.8



#4

n-Nitrosodimethylamine

Concen: 42.04 ng

RT: 3.74 min Scan# 153

Delta R.T. -0.07 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

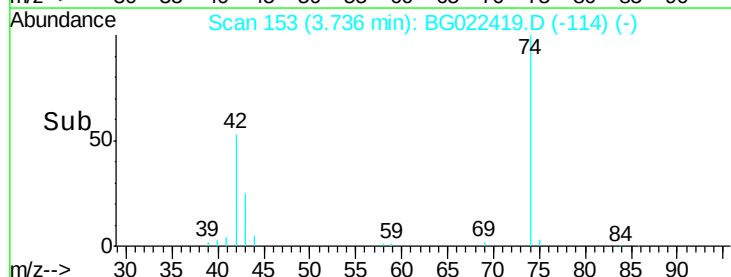
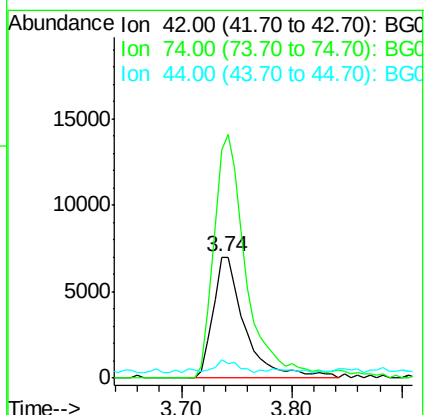
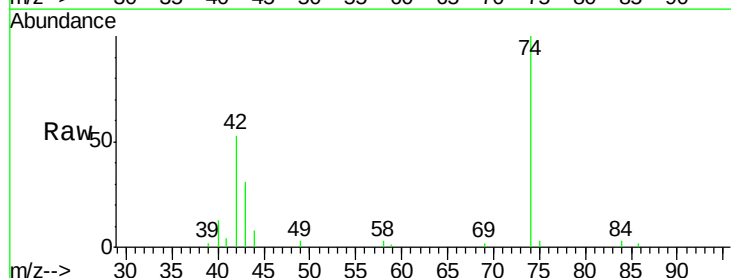
Tgt Ion: 42 Resp: 13975

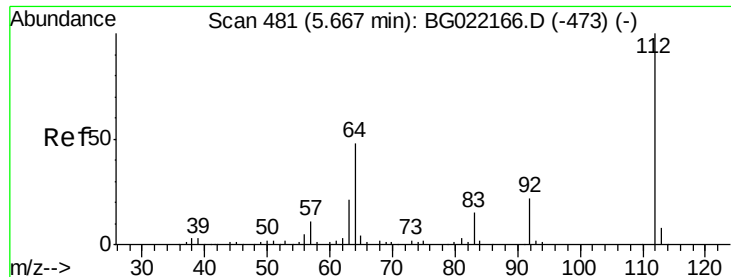
Ion Ratio Lower Upper

42 100

74 189.3 184.0 276.0

44 15.4 11.0 16.6





#5

2-Fluorophenol

Concen: 137.84 ng

RT: 5.60 min Scan# 471

Delta R.T. -0.03 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Instrument :

BNA_G

ClientSampleId :

PB91233BS

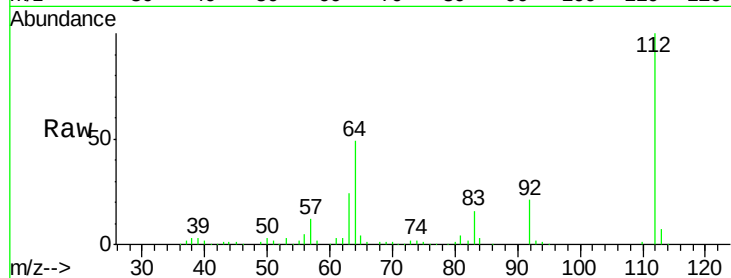
Tgt Ion: 112 Resp: 158157

Ion Ratio Lower Upper

112 100

64 49.0 51.1 76.7#

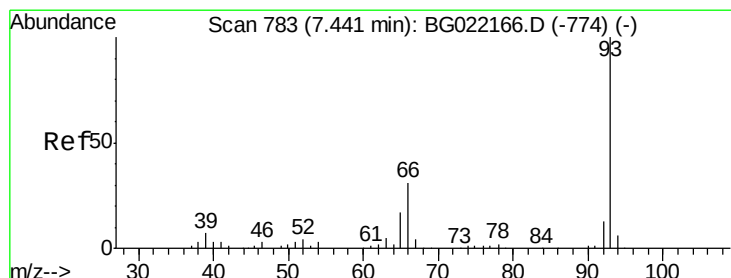
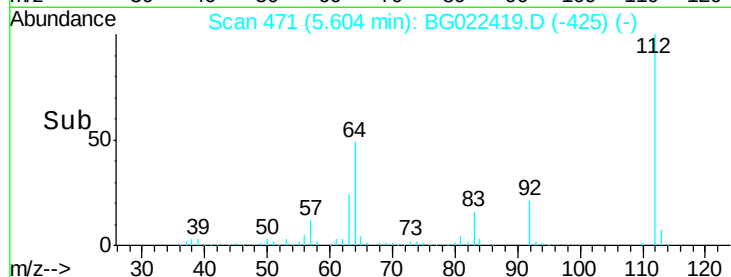
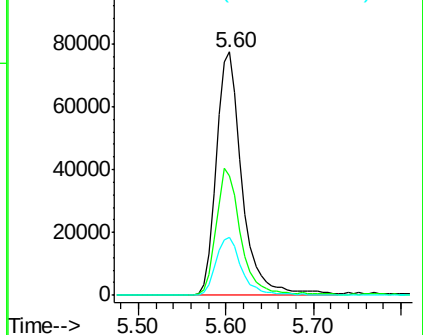
63 23.9 24.6 37.0#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 24.26 ng

RT: 7.37 min Scan# 771

Delta R.T. -0.04 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

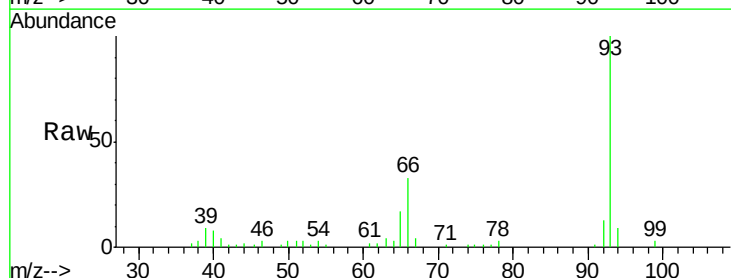
Tgt Ion: 93 Resp: 55610

Ion Ratio Lower Upper

93 100

66 32.8 36.3 54.5#

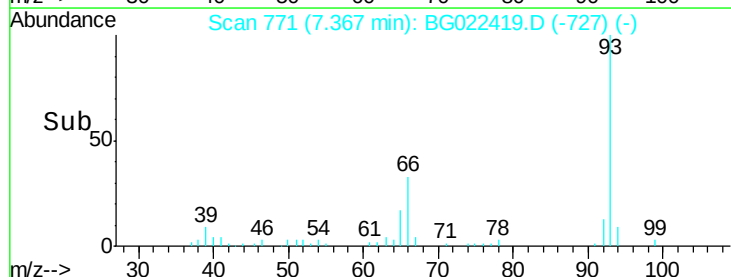
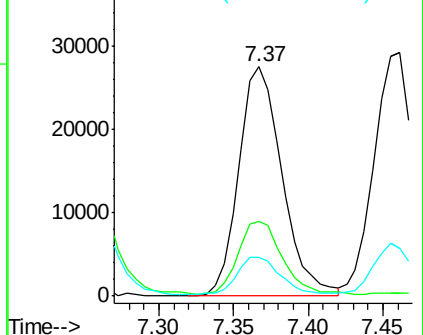
65 17.0 18.4 27.6#

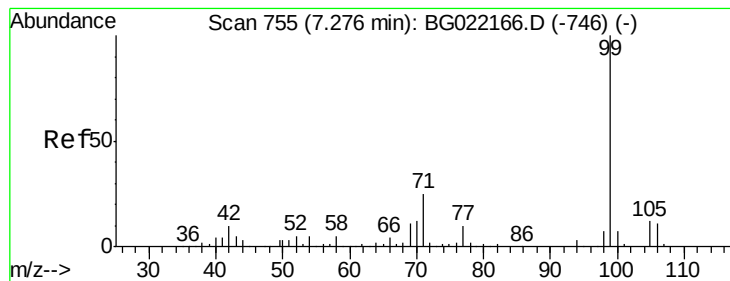


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 132.26 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.02 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Instrument :

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ClientSampleId :

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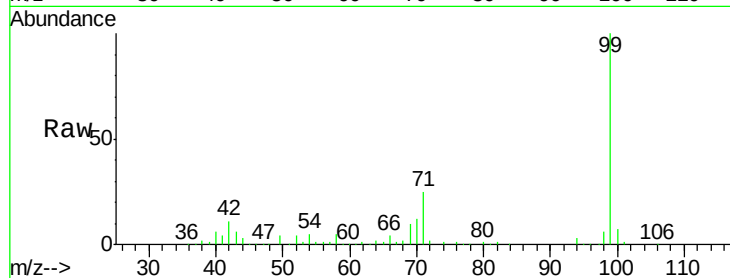
Tgt Ion: 99 Resp: 238589

Ion Ratio Lower Upper

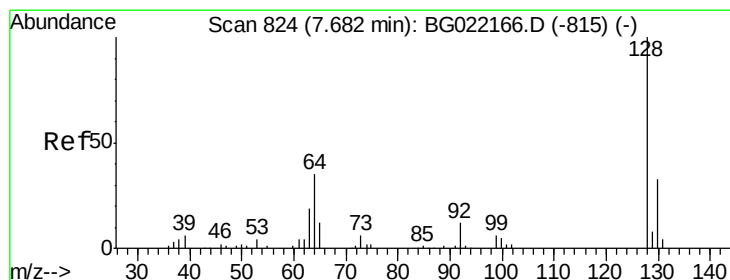
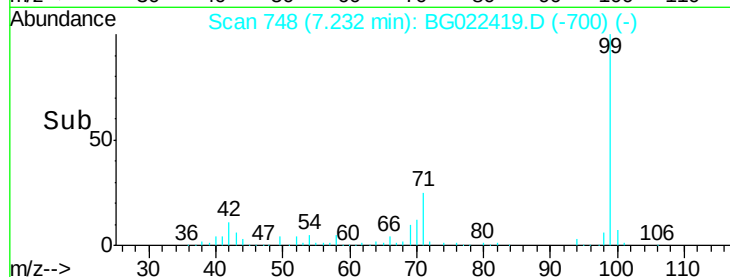
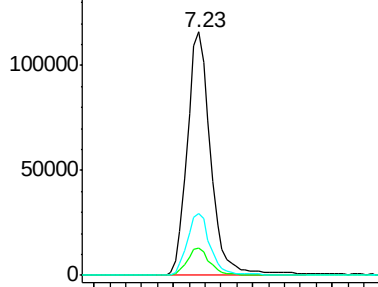
99 100

42 11.0 16.4 24.6#

71 25.3 25.0 37.4



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



#8

2-Chlorophenol

Concen: 41.47 ng

RT: 7.61 min Scan# 813

Delta R.T. -0.04 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

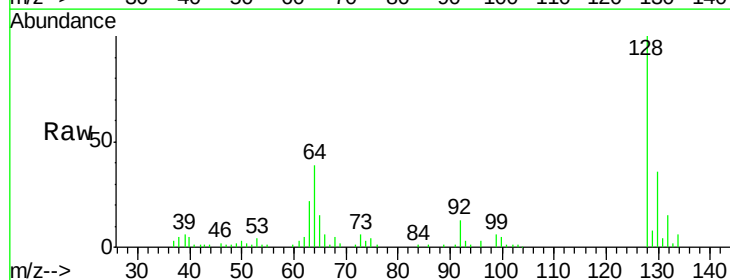
Tgt Ion: 128 Resp: 65760

Ion Ratio Lower Upper

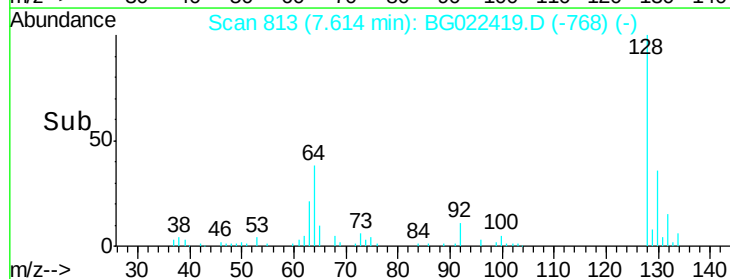
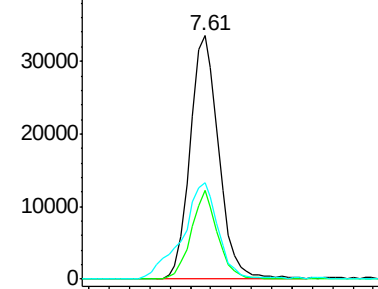
128 100

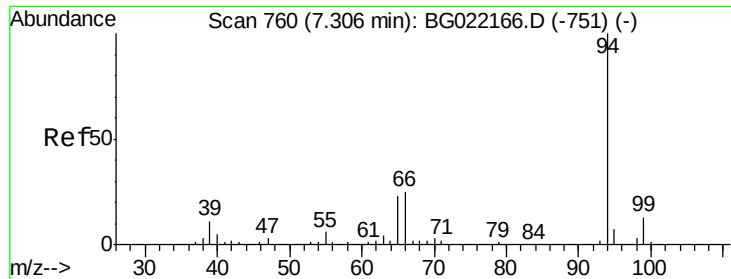
130 36.3 11.2 51.2

64 39.4 39.8 79.8#



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

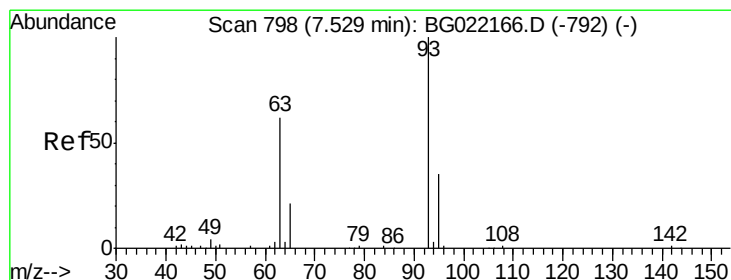
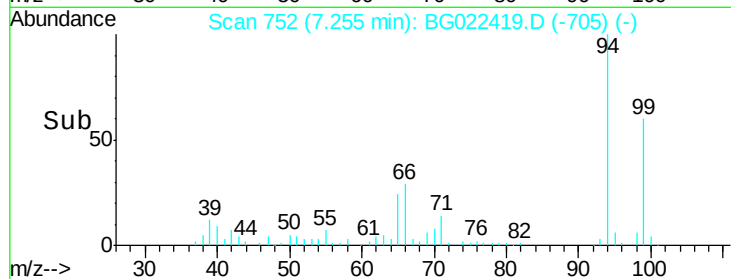
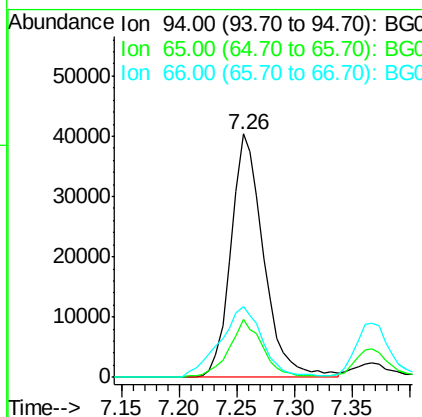
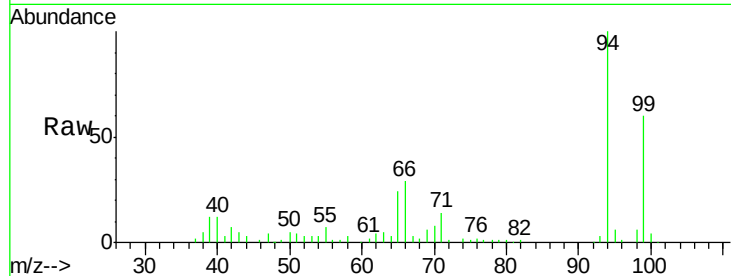




#10
Phenol
Concen: 42.59 ng
RT: 7.26 min Scan# 752
Delta R.T. -0.02 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

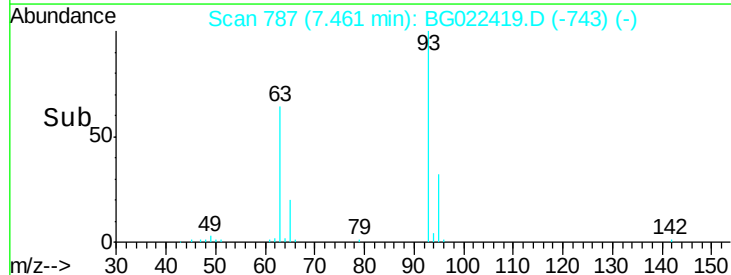
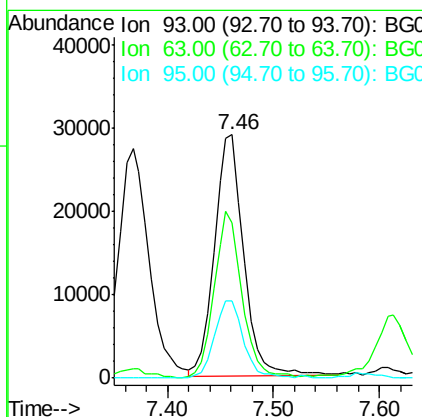
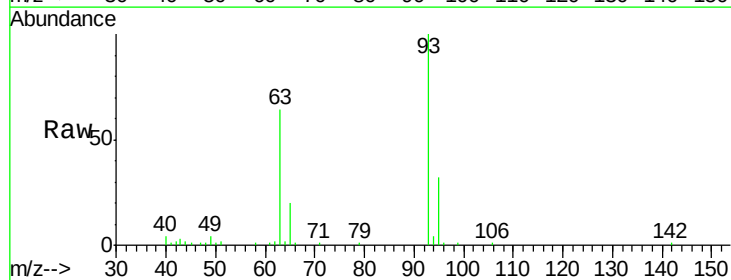
Instrument :
BNA_G
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PB91233BS

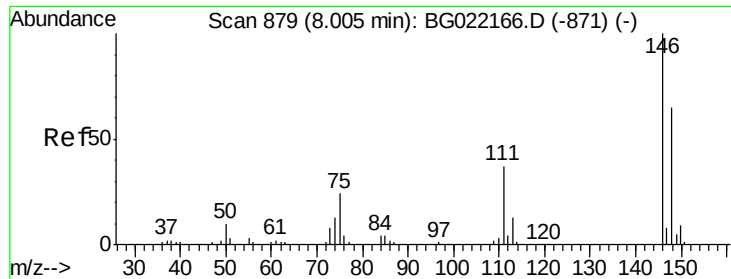
Tgt Ion: 94 Resp: 79218
Ion Ratio Lower Upper
94 100
65 23.9 9.8 49.8
66 28.8 20.8 60.8



#11
bis(2-Chloroethyl)ether
Concen: 37.95 ng
RT: 7.46 min Scan# 787
Delta R.T. -0.04 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Tgt Ion: 93 Resp: 56271
Ion Ratio Lower Upper
93 100
63 63.5 74.9 114.9#
95 31.6 8.3 48.3

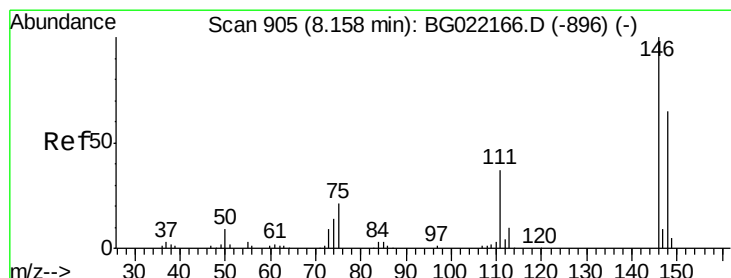
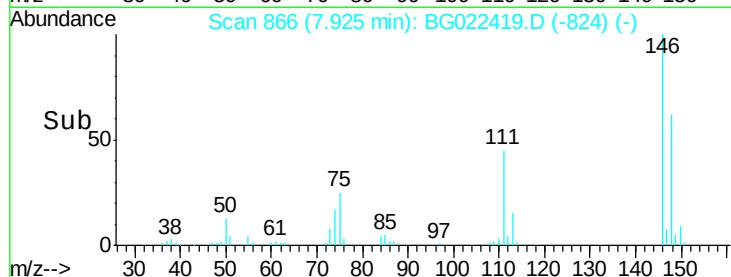
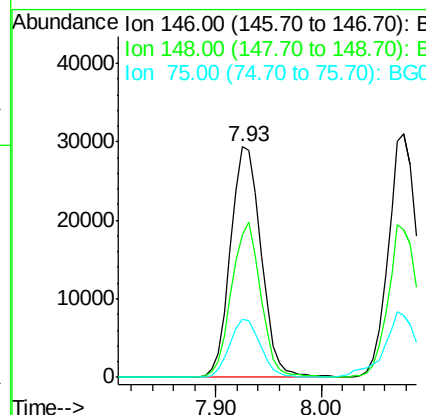
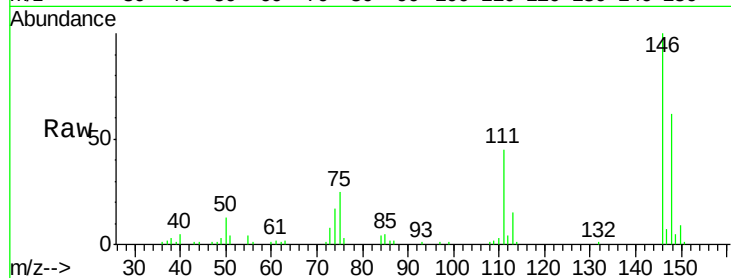




#12
 1,3-Dichlorobenzene
 Concen: 34.68 ng
 RT: 7.93 min Scan# 866
 Delta R.T. -0.05 min
 Lab File: BG022419.D
 Acq: 18 Jun 2016 12:00

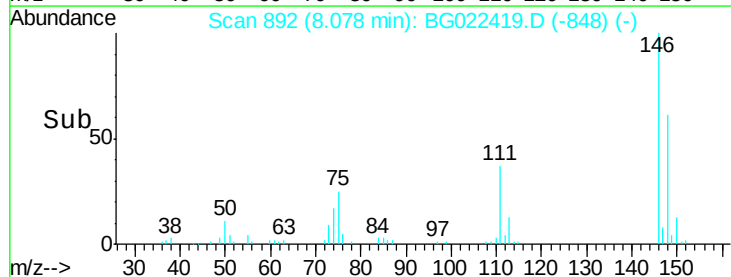
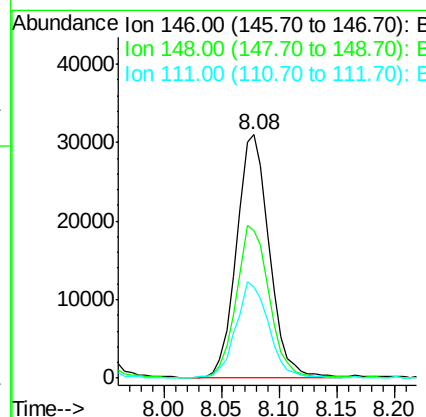
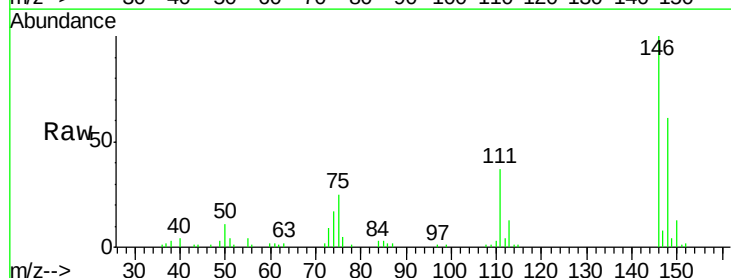
Instrument :
 BNA_G
 ClientSampleId :
 PB91233BS

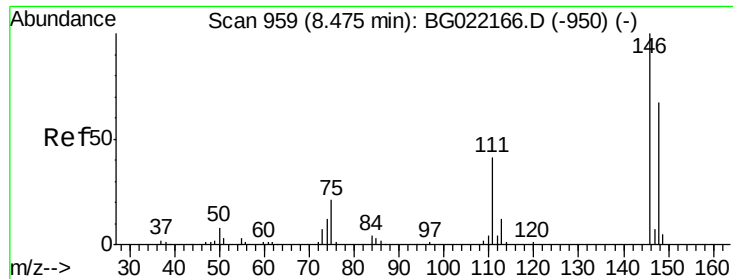
Tgt Ion:146 Resp: 58956
 Ion Ratio Lower Upper
 146 100
 148 61.8 53.7 80.5
 75 25.2 27.4 41.0#



#13
 1,4-Dichlorobenzene
 Concen: 36.15 ng
 RT: 8.08 min Scan# 892
 Delta R.T. -0.04 min
 Lab File: BG022419.D
 Acq: 18 Jun 2016 12:00

Tgt Ion:146 Resp: 61233
 Ion Ratio Lower Upper
 146 100
 148 60.5 46.7 70.1
 111 37.3 33.0 49.6

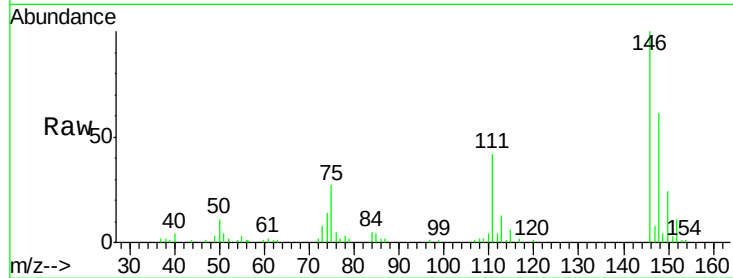




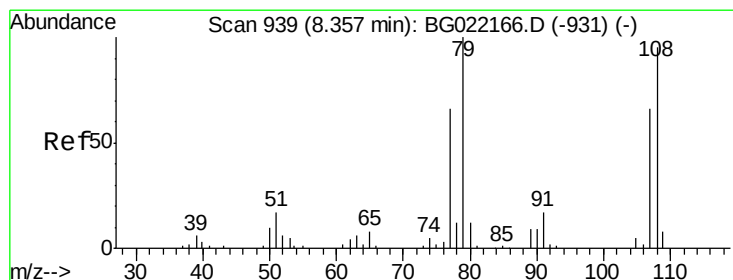
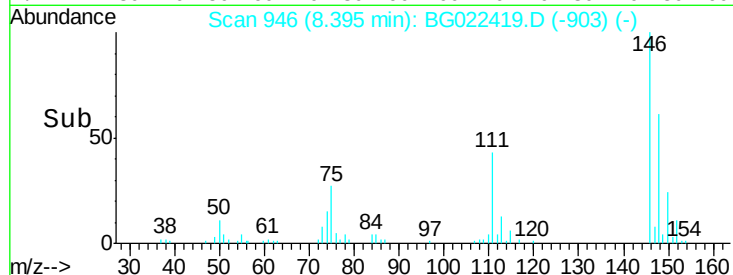
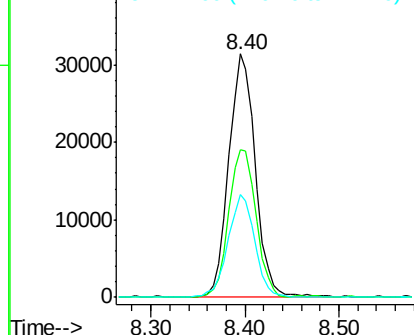
#14
 1,2-Dichlorobenzene
 Concen: 36.11 ng
 RT: 8.40 min Scan# 946
 Delta R.T. -0.05 min
 Lab File: BG022419.D
 Acq: 18 Jun 2016 12:00

Instrument :
 BNA_G
 ClientSampleId :
 PB91233BS

Tgt Ion: 146 Resp: 61653
 Ion Ratio Lower Upper
 146 100
 148 60.8 52.6 79.0
 111 42.5 36.1 54.1

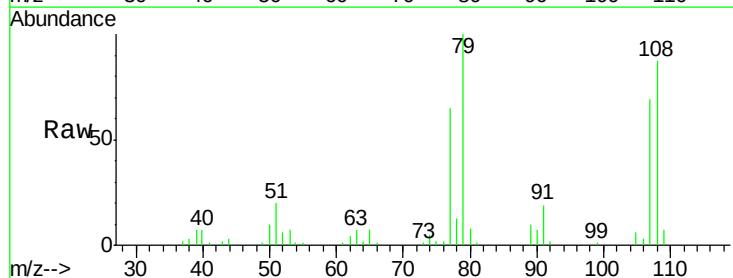


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

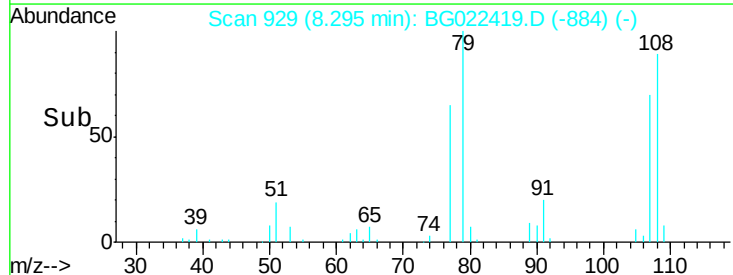
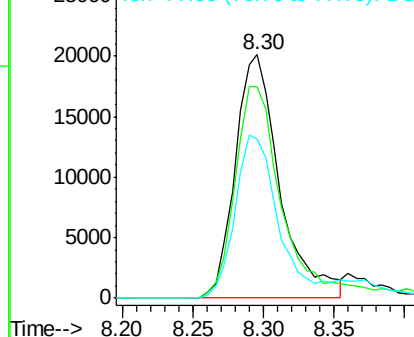


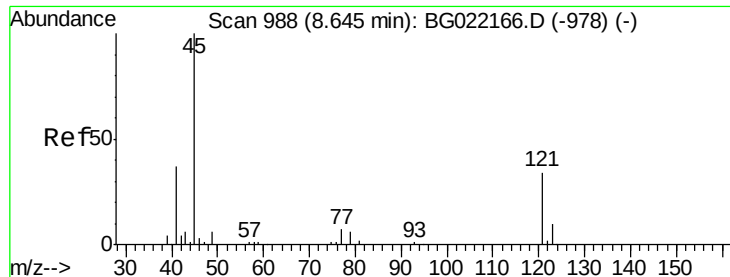
#15
 Benzyl Alcohol
 Concen: 37.96 ng
 RT: 8.30 min Scan# 929
 Delta R.T. -0.04 min
 Lab File: BG022419.D
 Acq: 18 Jun 2016 12:00

Tgt Ion: 79 Resp: 44244
 Ion Ratio Lower Upper
 79 100
 108 87.2 59.4 89.0
 77 65.4 52.2 78.2



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

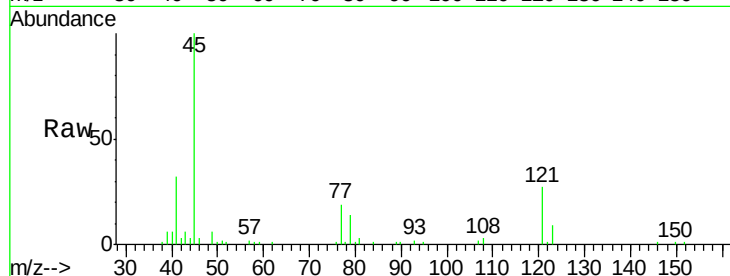




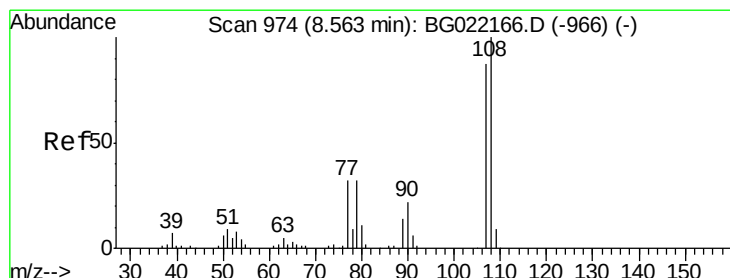
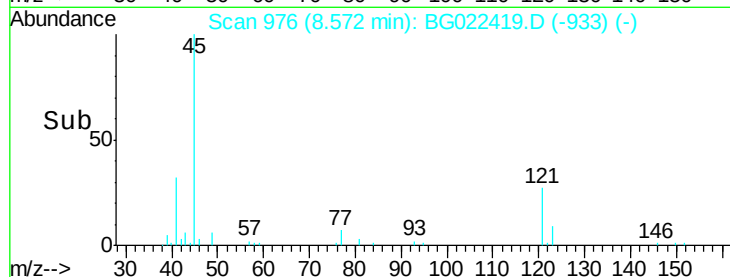
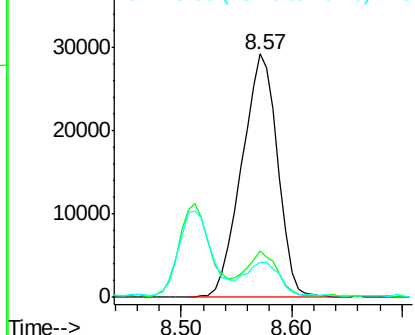
#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.23 ng
RT: 8.57 min Scan# 976
Delta R.T. -0.05 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Instrument :
BNA_G
ClientSampleId :
PB91233BS

Tgt Ion: 45 Resp: 66520
Ion Ratio Lower Upper
45 100
77 19.3 0.0 31.2
79 14.3 0.0 29.0

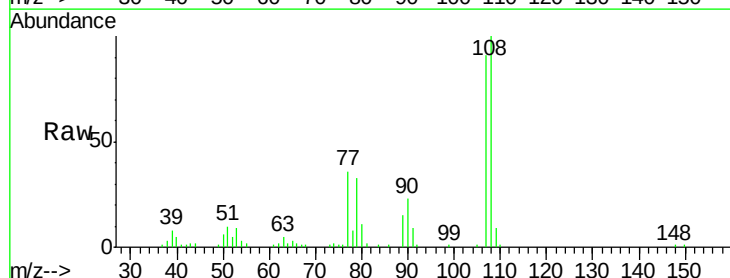


Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

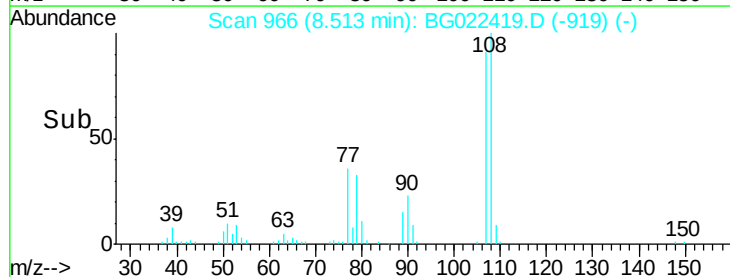
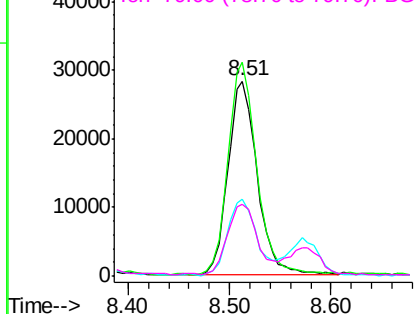


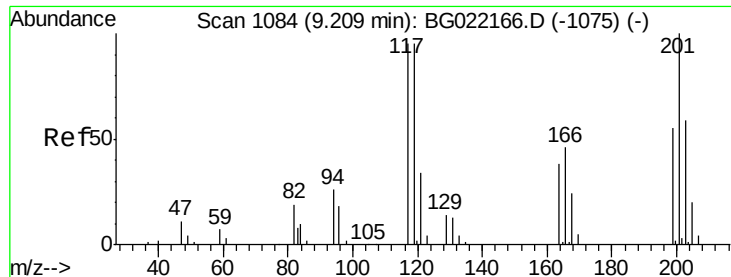
#17
2-Methylphenol
Concen: 40.39 ng
RT: 8.51 min Scan# 966
Delta R.T. -0.02 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Tgt Ion: 107 Resp: 56058
Ion Ratio Lower Upper
107 100
108 109.6 80.2 120.4
77 39.6 40.7 61.1#
79 36.5 39.8 59.8#



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

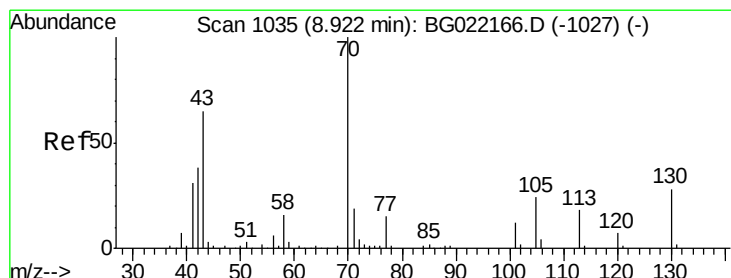
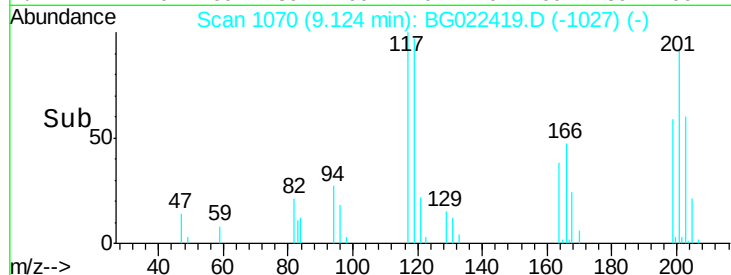
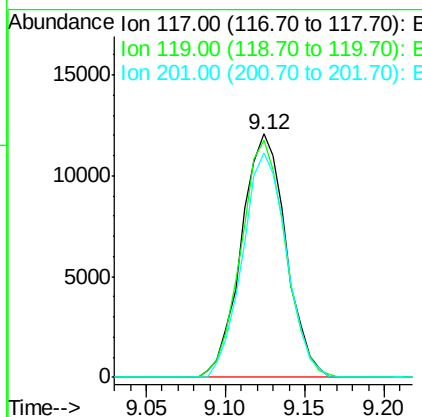
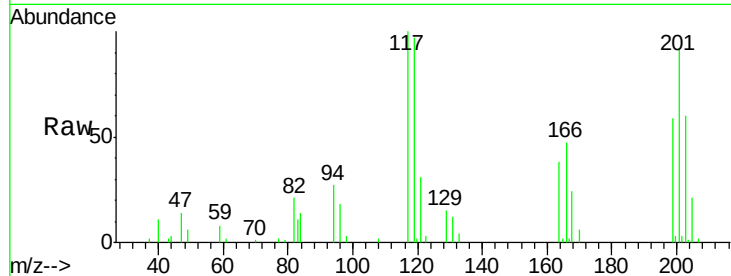




#18
 Hexachloroethane
 Concen: 38.23 ng
 RT: 9.12 min Scan# 1070
 Delta R.T. -0.05 min
 Lab File: BG022419.D
 Acq: 18 Jun 2016 12:00

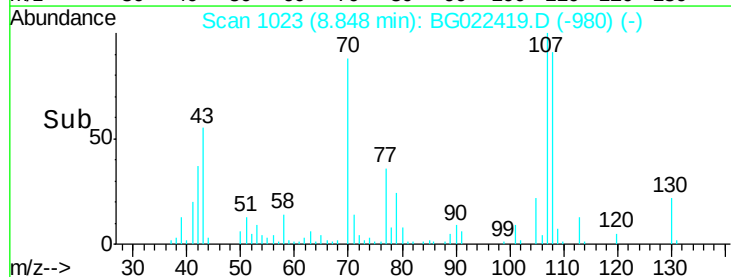
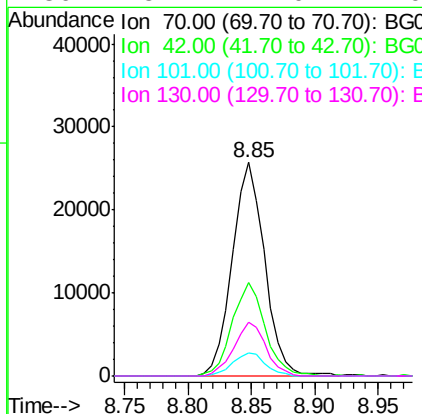
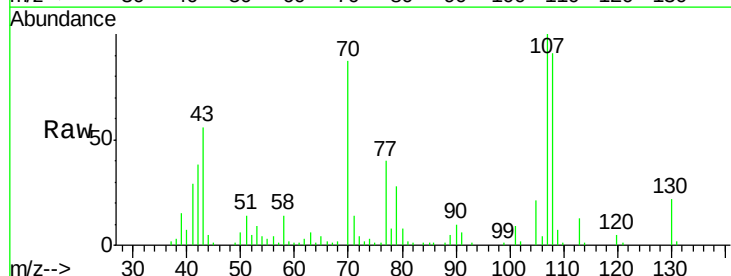
Instrument :
 BNA_G
 ClientSampleId :
 PB91233BS

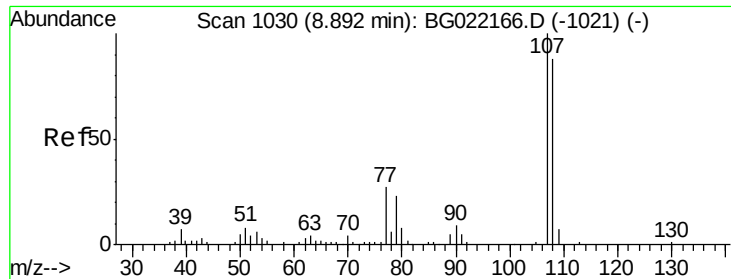
Tgt Ion: 117 Resp: 23641
 Ion Ratio Lower Upper
 117 100
 119 97.5 63.9 95.9#
 201 95.4 61.2 91.8#



#19
 n-Nitroso-di-n-propylamine
 Concen: 37.28 ng
 RT: 8.85 min Scan# 1023
 Delta R.T. -0.05 min
 Lab File: BG022419.D
 Acq: 18 Jun 2016 12:00

Tgt Ion: 70 Resp: 45523
 Ion Ratio Lower Upper
 70 100
 42 43.7 56.7 85.1#
 101 10.6 8.2 12.4
 130 25.2 14.0 21.0#

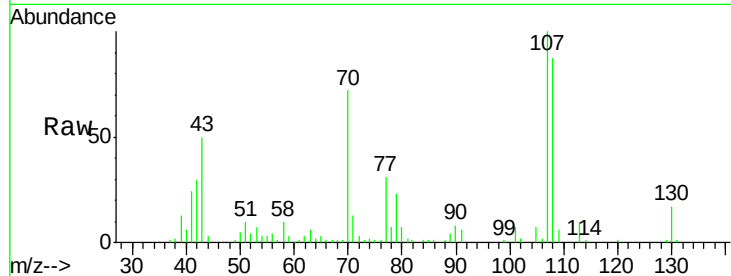




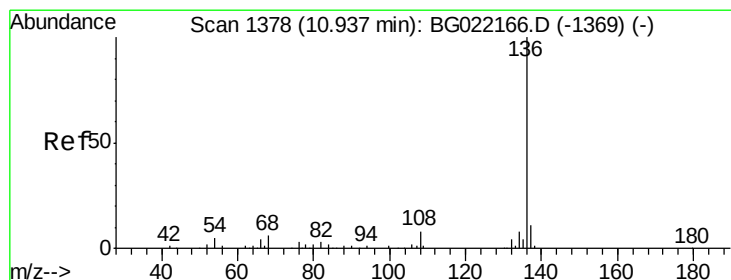
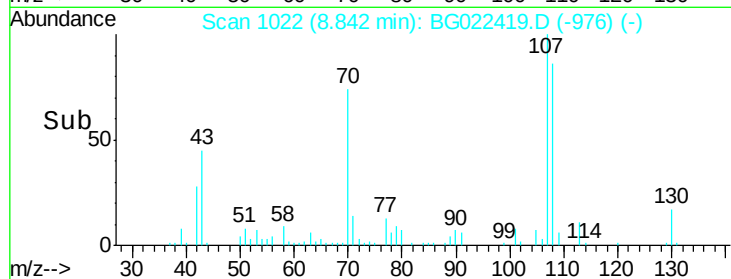
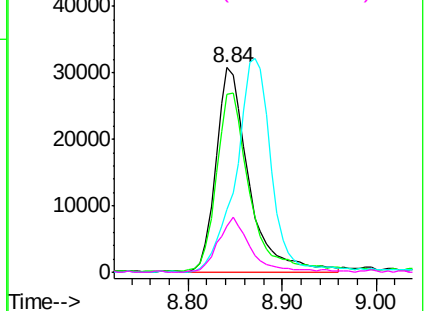
#20
3+4-Methylphenols
Concen: 37.79 ng
RT: 8.84 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Instrument :
BNA_G
ClientSampleID :
PB91233BS

Tgt Ion:	107	Resp:	75229
Ion	Ratio	Lower	Upper
107	100		
108	86.8	66.2	106.2
77	30.7	11.5	51.5
79	22.7	5.6	45.6

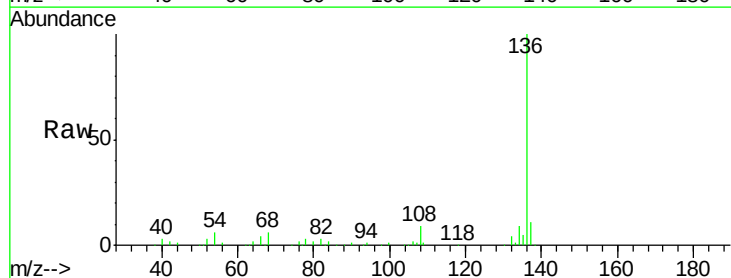


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

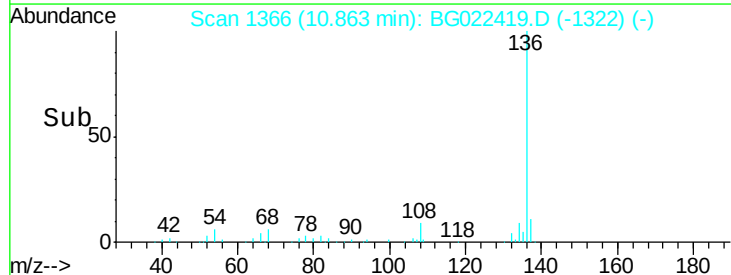
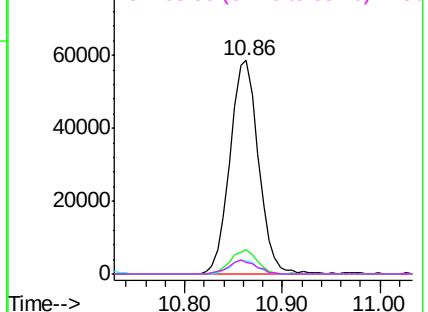


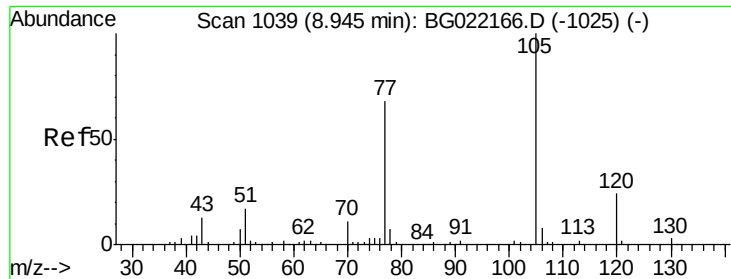
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.86 min Scan# 1366
Delta R.T. -0.04 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Tgt Ion:	136	Resp:	119306
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	6.3	9.6	14.4#
68	5.5	6.4	9.6#



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): BG
Ion 68.00 (67.70 to 68.70): BG





#22

Acetophenone

Concen: 34.23 ng

RT: 8.87 min Scan# 1027

Delta R.T. -0.05 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Instrument :

BNA_G

ClientSampleId :

PB91233BS

Tgt Ion: 105 Resp: 88002

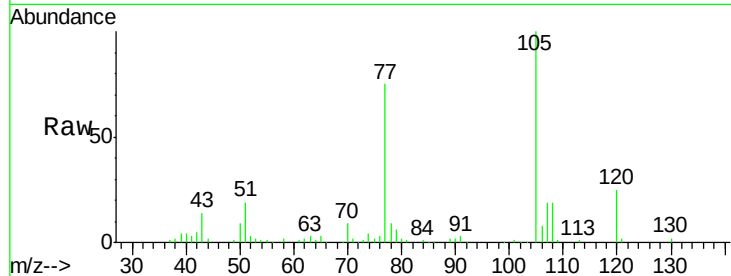
Ion Ratio Lower Upper

105 100

71 1.9 0.0 0.0#

51 19.2 25.7 38.5#

120 25.4 17.0 25.6

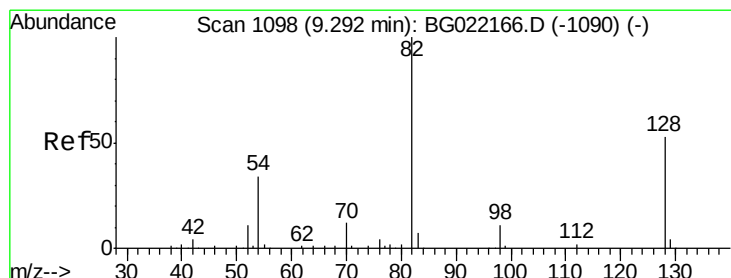
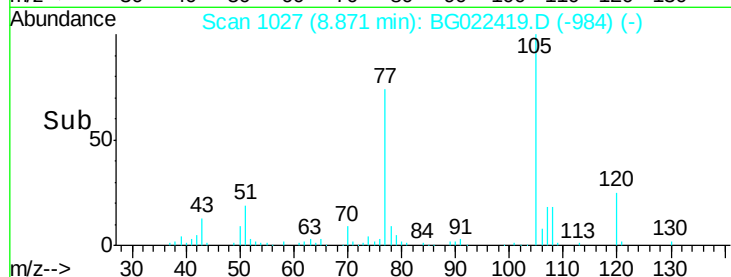
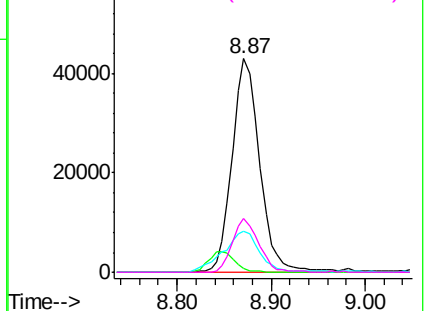


Abundance Ion 105.00 (104.70 to 105.70): E

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: 73.34 ng

RT: 9.22 min Scan# 1086

Delta R.T. -0.04 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

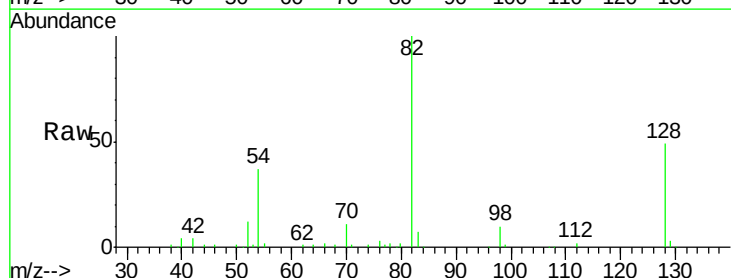
Tgt Ion: 82 Resp: 125505

Ion Ratio Lower Upper

82 100

128 49.1 33.4 50.0

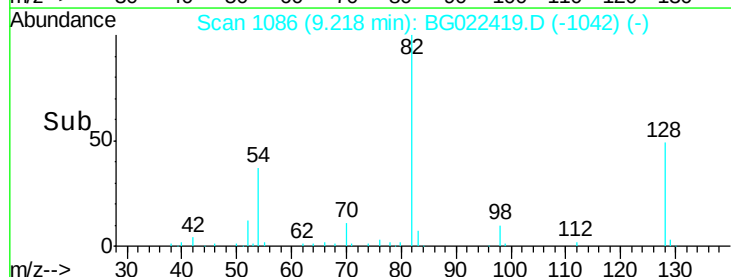
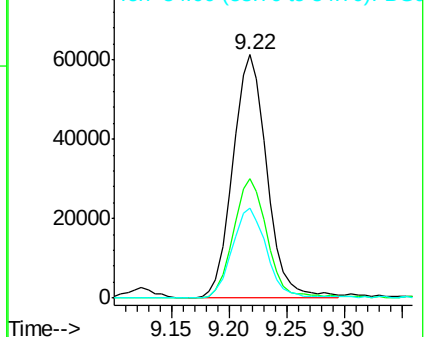
54 37.1 46.1 69.1#

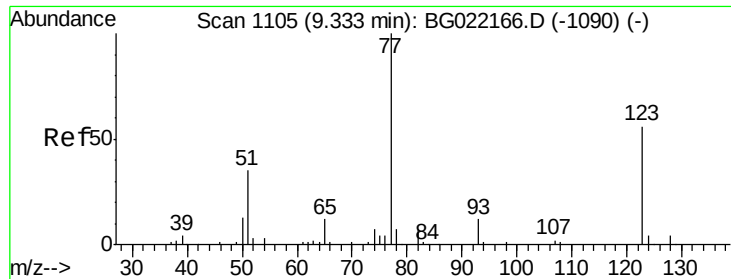


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#24

Nitrobenzene

Concen: 36.53 ng

RT: 9.26 min Scan# 1093

Delta R.T. -0.05 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Instrument :

BNA_G

ClientSampleId :

PB91233BS

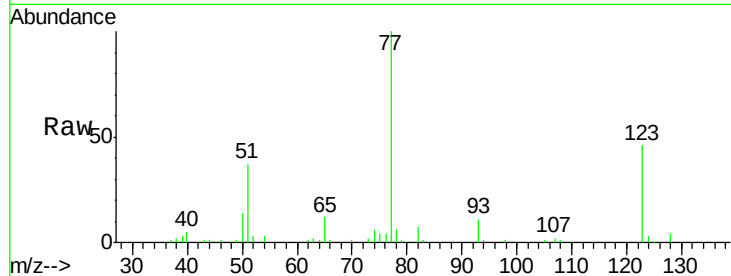
Tgt Ion: 77 Resp: 62869

Ion Ratio Lower Upper

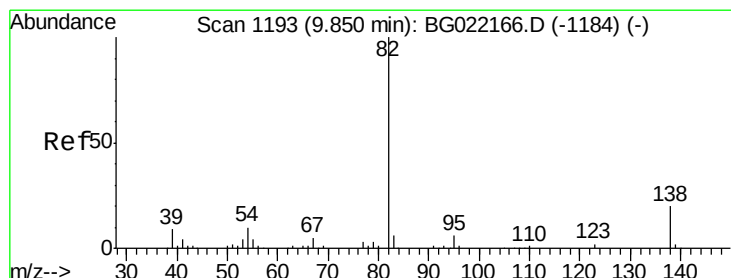
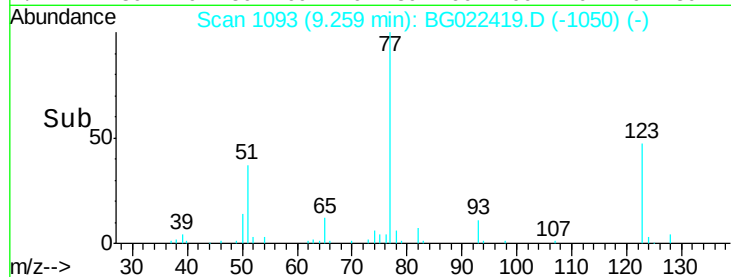
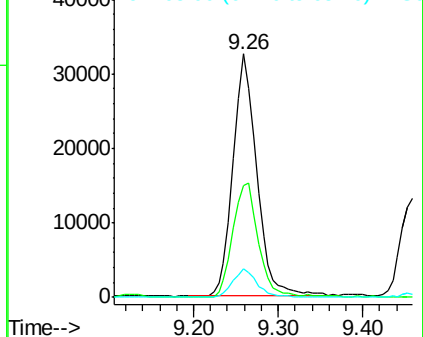
77 100

123 46.1 32.2 48.4

65 12.0 10.3 15.5



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



#25

Isophorone

Concen: 34.56 ng

RT: 9.78 min Scan# 1181

Delta R.T. -0.05 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

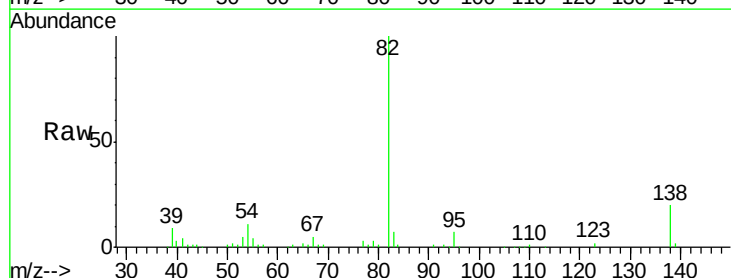
Tgt Ion: 82 Resp: 138354

Ion Ratio Lower Upper

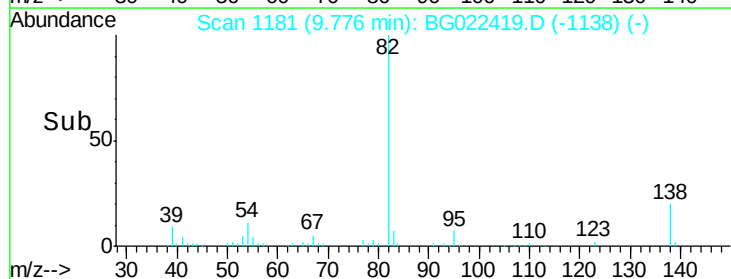
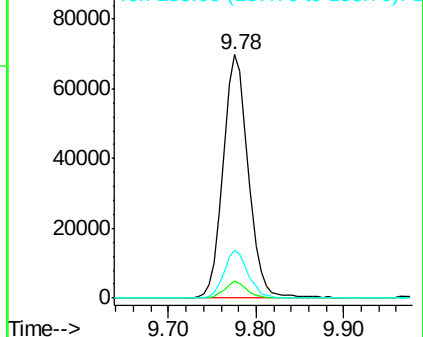
82 100

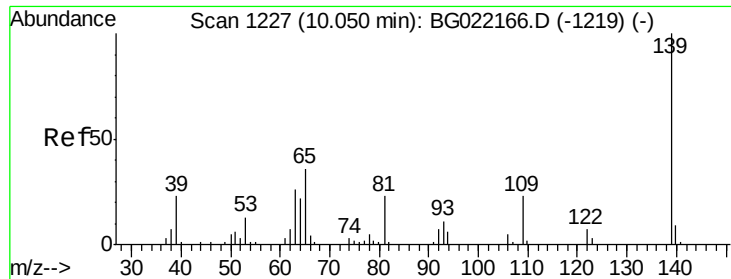
95 6.9 6.0 9.0

138 19.7 13.4 20.0



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

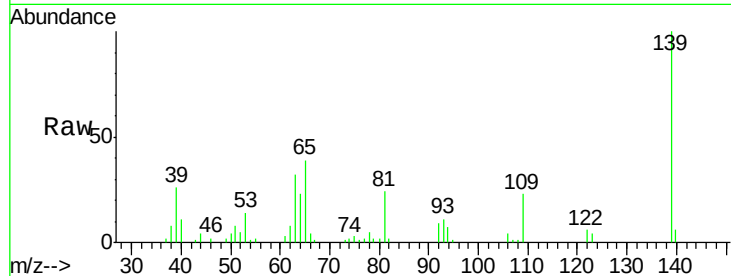




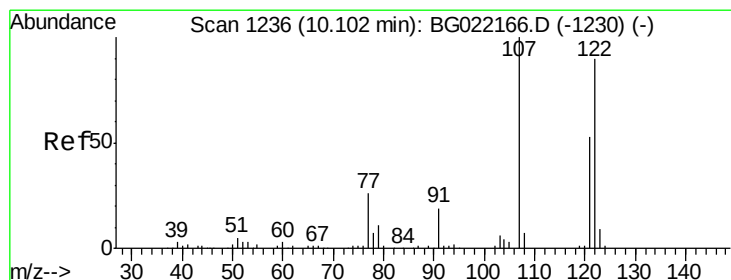
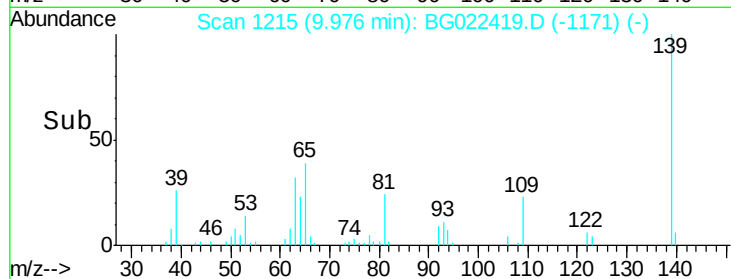
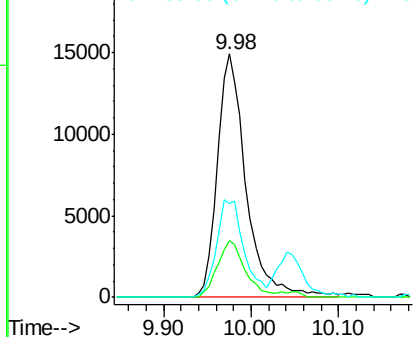
#26
2-Nitrophenol
Concen: 36.25 ng
RT: 9.98 min Scan# 1215
Delta R.T. -0.04 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Instrument :
BNA_G
ClientSampleId :
PB91233BS

Tgt Ion:139 Resp: 33823
Ion Ratio Lower Upper
139 100
109 23.2 26.6 40.0#
65 38.8 45.3 67.9#

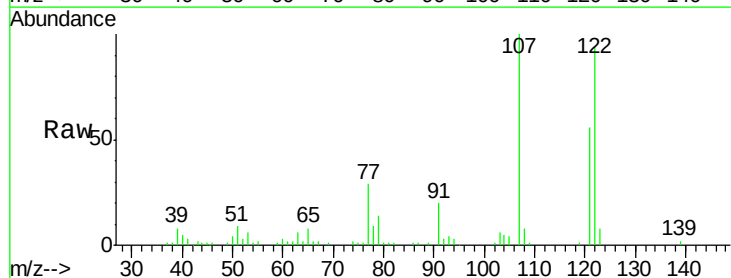


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

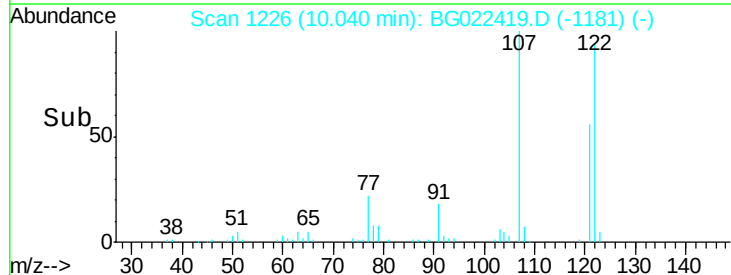
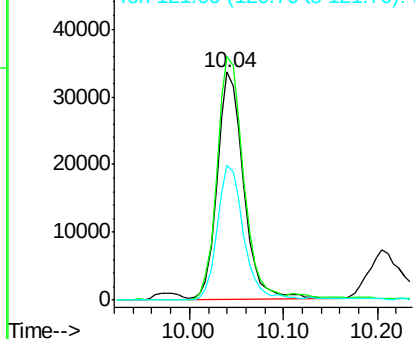


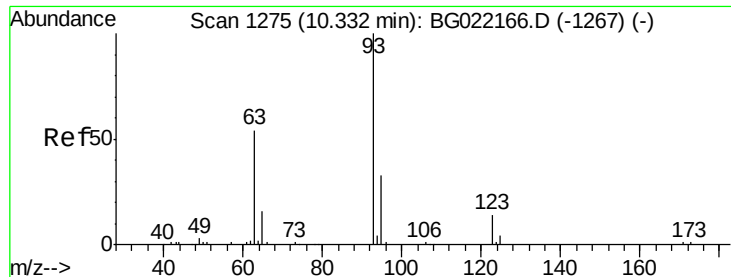
#27
2,4-Dimethylphenol
Concen: 38.62 ng
RT: 10.04 min Scan# 1226
Delta R.T. -0.04 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Tgt Ion:122 Resp: 65235
Ion Ratio Lower Upper
122 100
107 107.0 97.2 145.8
121 59.4 49.0 73.4



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

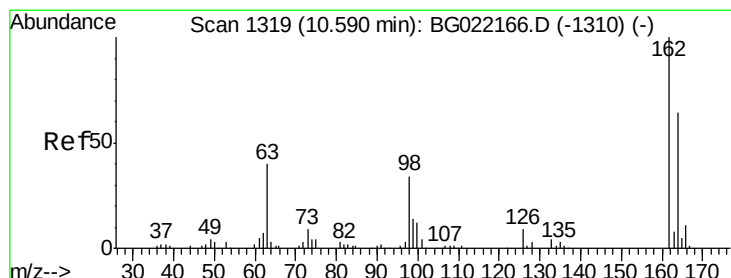
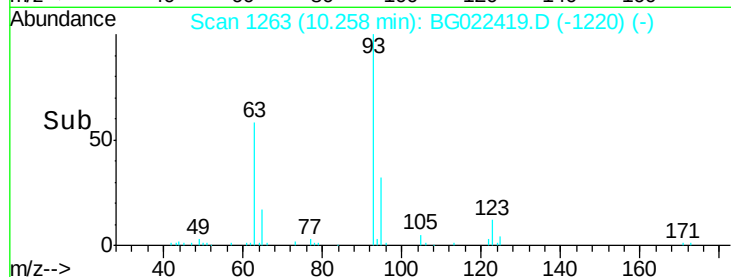
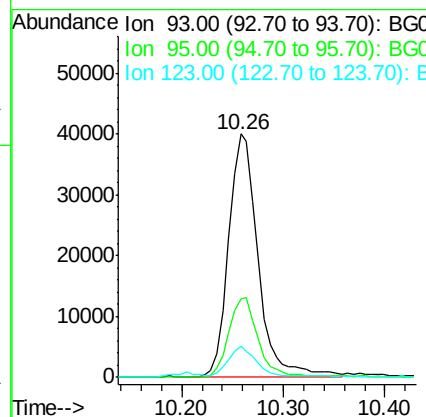
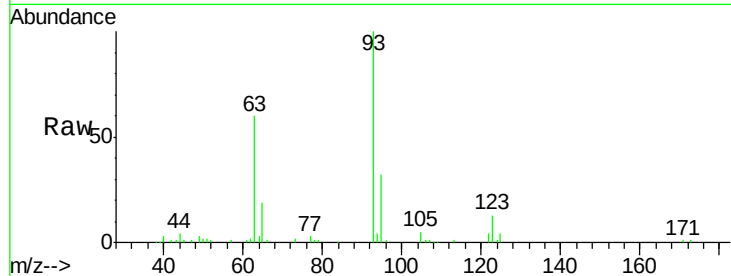




#28
bis(2-Chloroethoxy)methane
Concen: 35.38 ng
RT: 10.26 min Scan# 1263
Delta R.T. -0.05 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

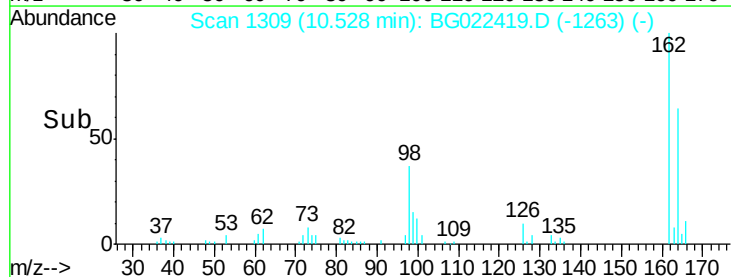
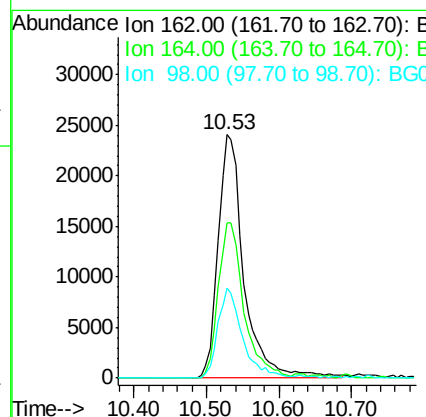
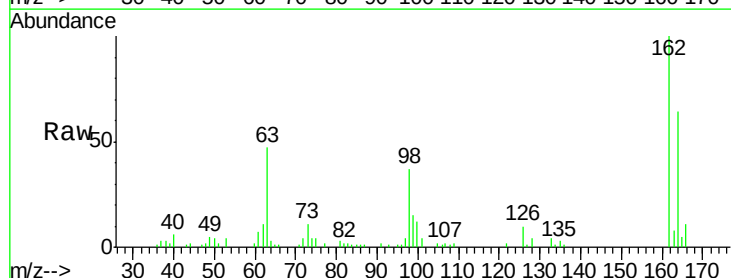
Instrument :
BNA_G
ClientSampled :
PB91233BS

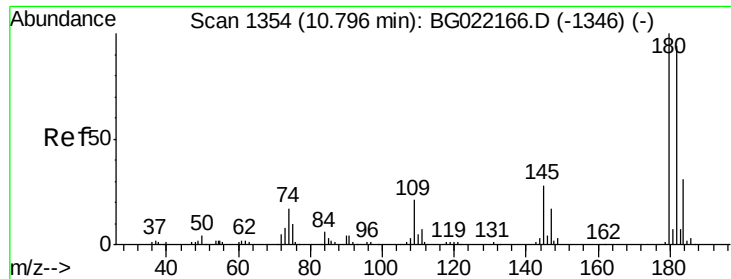
Tgt Ion: 93 Resp: 81153
Ion Ratio Lower Upper
93 100
95 32.0 30.1 45.1
123 12.7 10.2 15.4



#29
2,4-Dichlorophenol
Concen: 37.99 ng
RT: 10.53 min Scan# 1309
Delta R.T. -0.03 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Tgt Ion: 162 Resp: 59444
Ion Ratio Lower Upper
162 100
164 63.9 44.9 84.9
98 37.0 19.2 59.2

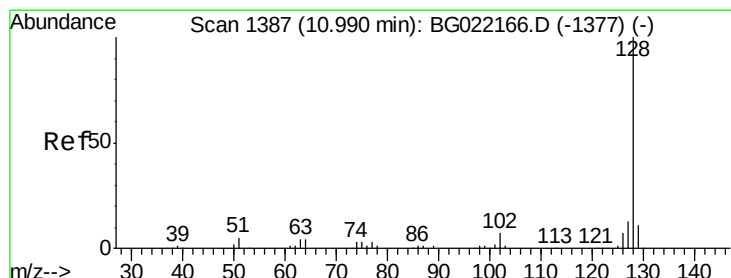
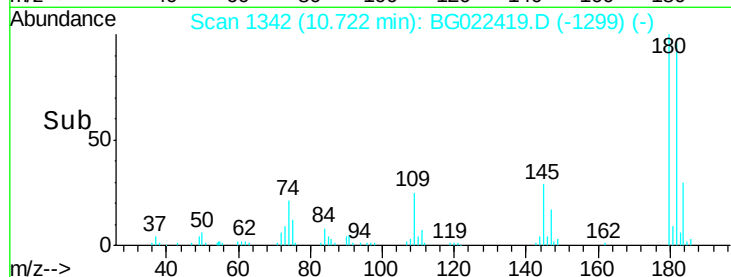
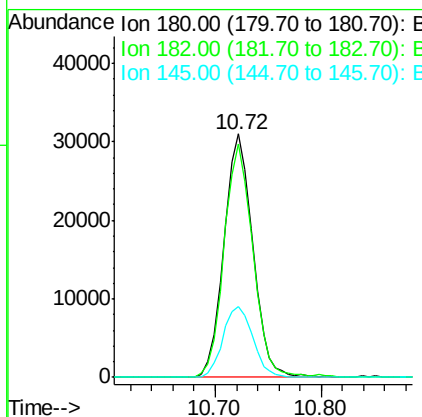
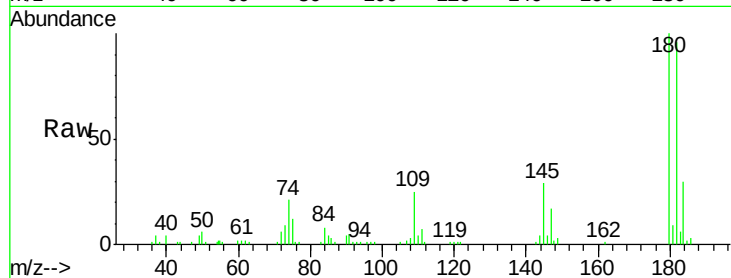




#30
 1,2,4-Trichlorobenzene
 Concen: 33.46 ng
 RT: 10.72 min Scan# 1342
 Delta R.T. -0.05 min
 Lab File: BG022419.D
 Acq: 18 Jun 2016 12:00

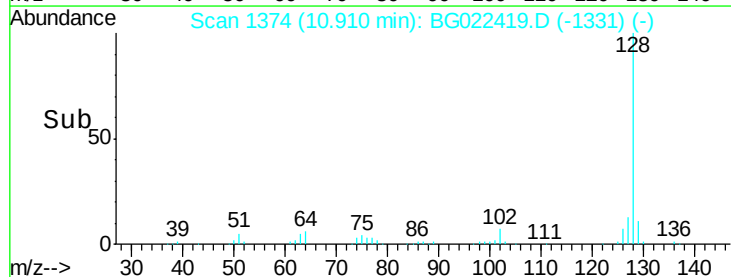
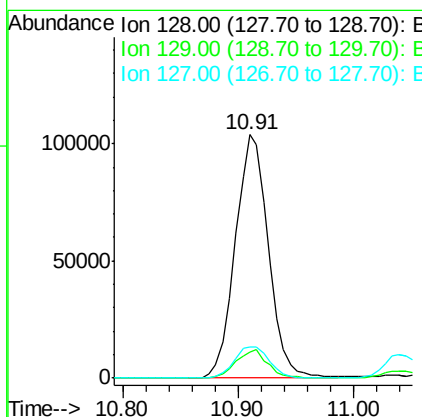
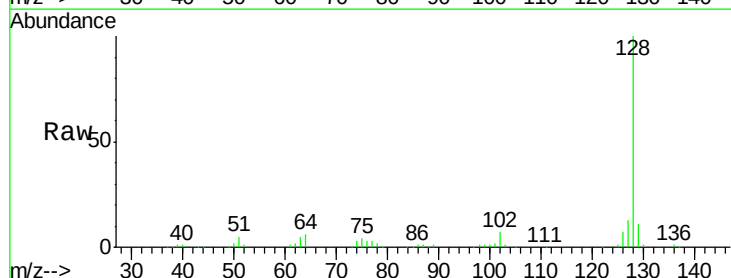
Instrument :
 BNA_G
 ClientSampleId :
 PB91233BS

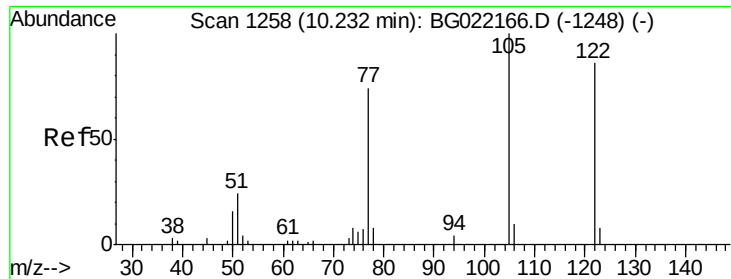
Tgt Ion:180 Resp: 58496
 Ion Ratio Lower Upper
 180 100
 182 95.8 82.3 123.5
 145 29.2 24.4 36.6



#31
 Naphthalene
 Concen: 34.62 ng
 RT: 10.91 min Scan# 1374
 Delta R.T. -0.05 min
 Lab File: BG022419.D
 Acq: 18 Jun 2016 12:00

Tgt Ion:128 Resp: 206160
 Ion Ratio Lower Upper
 128 100
 129 10.7 7.0 10.6#
 127 12.9 10.1 15.1





#32

Benzoic acid

Concen: 40.92 ng

RT: 10.20 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Instrument :

BNA_G

ClientSampleId :

PB91233BS

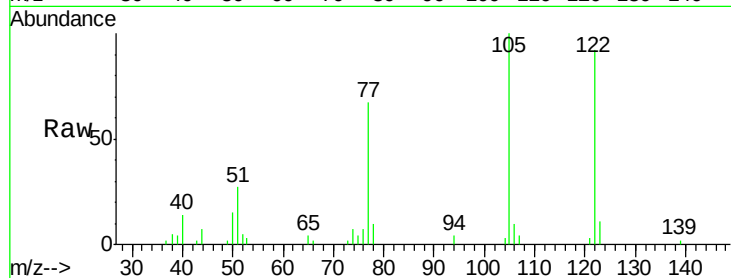
Tgt Ion:122 Resp: 21903

Ion Ratio Lower Upper

122 100

105 109.2 104.5 144.5

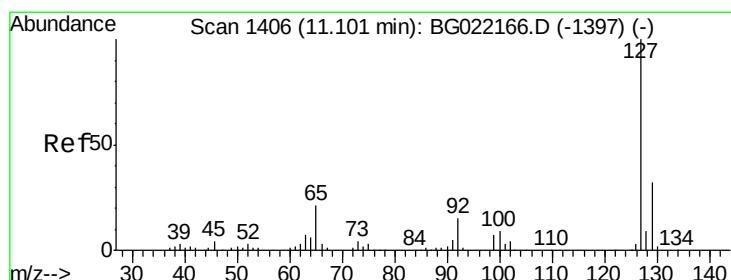
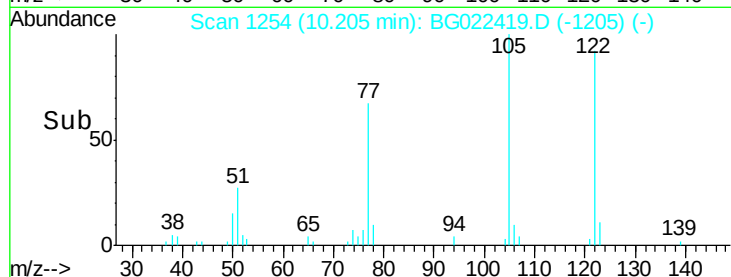
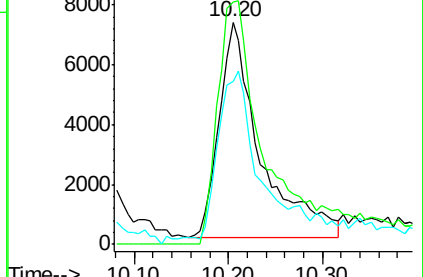
77 73.3 79.9 119.9#



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): BGC



#33

4-Chloroaniline

Concen: 11.91 ng

RT: 11.04 min Scan# 1396

Delta R.T. -0.03 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Tgt Ion:127 Resp: 29489

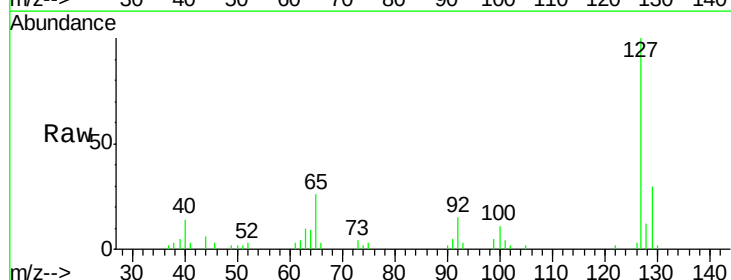
Ion Ratio Lower Upper

127 100

129 29.9 26.6 39.8

65 26.4 27.5 41.3#

92 14.8 14.7 22.1

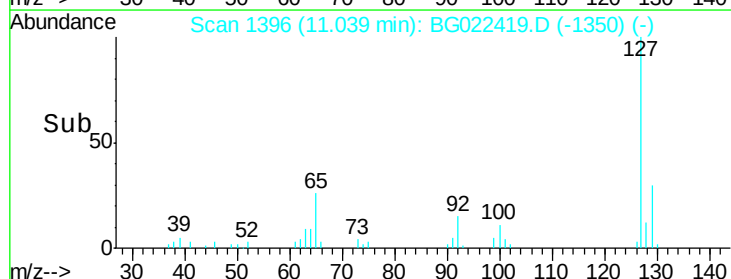
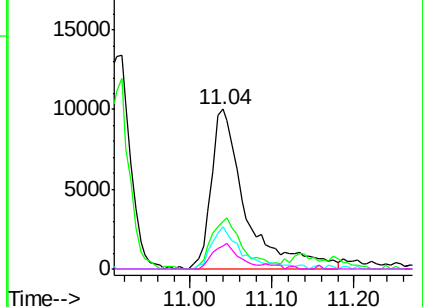


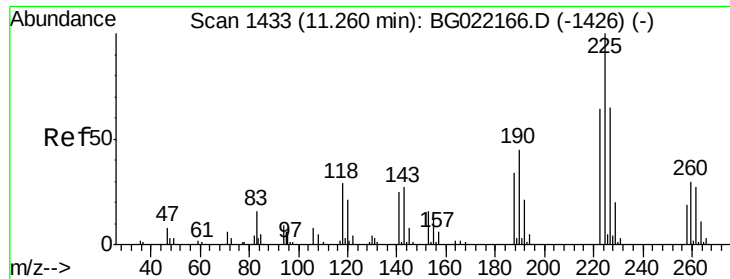
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC





#34

Hexachlorobutadiene

Concen: 32.34 ng

RT: 11.18 min Scan# 1420

Delta R.T. -0.05 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Instrument :

BNA_G

ClientSampleId :

PB91233BS

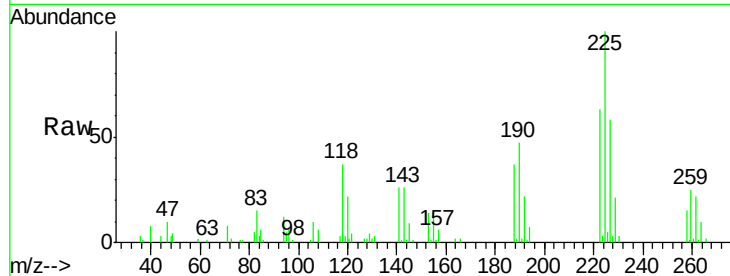
Tgt Ion: 225 Resp: 30354

Ion Ratio Lower Upper

225 100

223 62.7 52.7 79.1

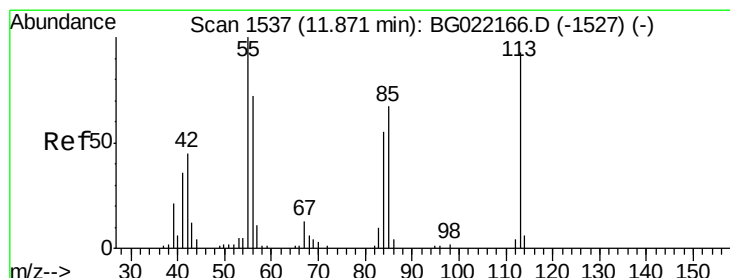
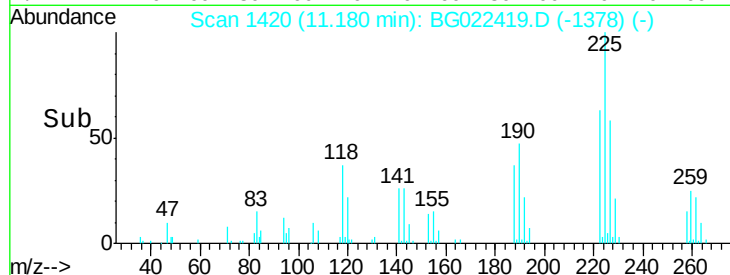
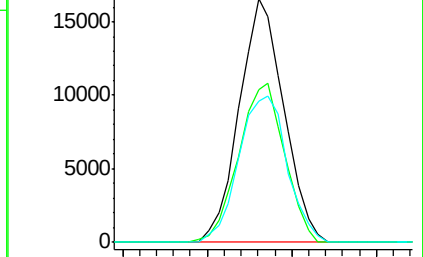
227 58.6 49.7 74.5



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: 20.15 ng

RT: 11.80 min Scan# 1526

Delta R.T. -0.06 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

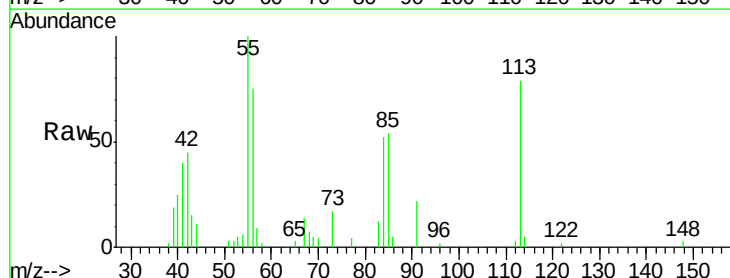
Tgt Ion: 113 Resp: 17295

Ion Ratio Lower Upper

113 100

55 126.3 194.2 234.2#

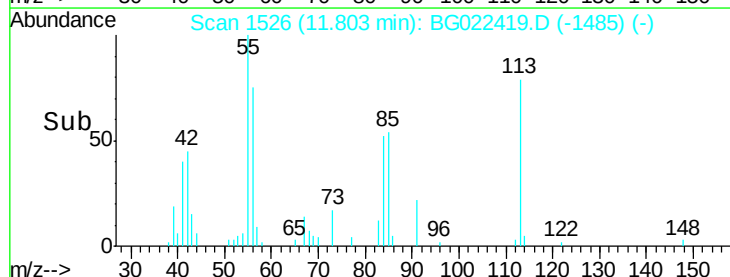
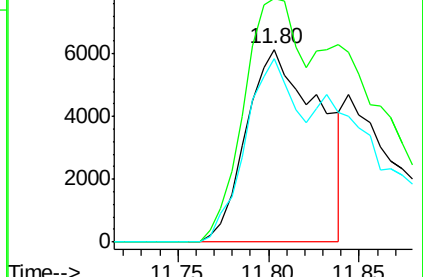
56 95.0 122.6 162.6#

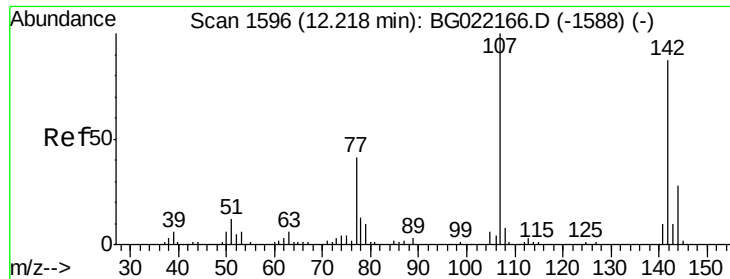


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0

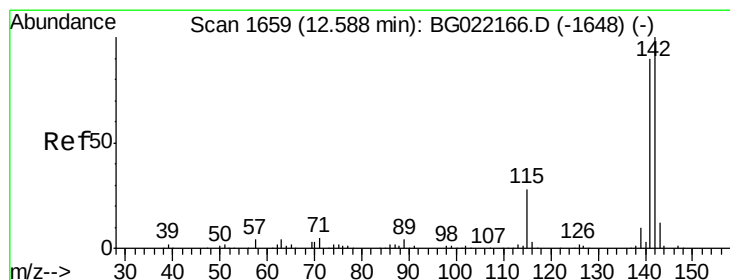
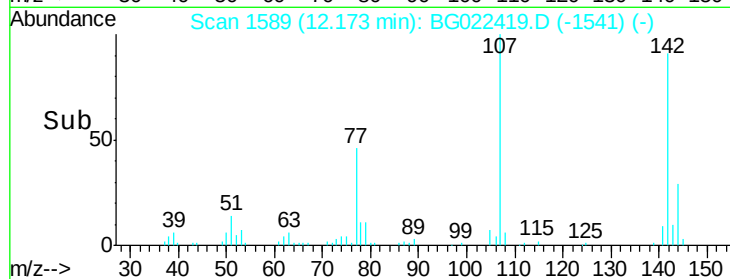
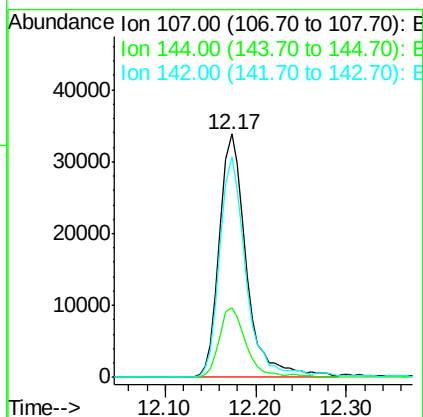
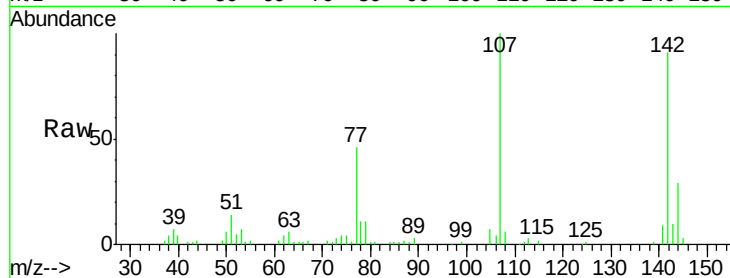




#36
 4-Chloro-3-methylphenol
 Concen: 37.95 ng
 RT: 12.17 min Scan# 1589
 Delta R.T. -0.02 min
 Lab File: BG022419.D
 Acq: 18 Jun 2016 12:00

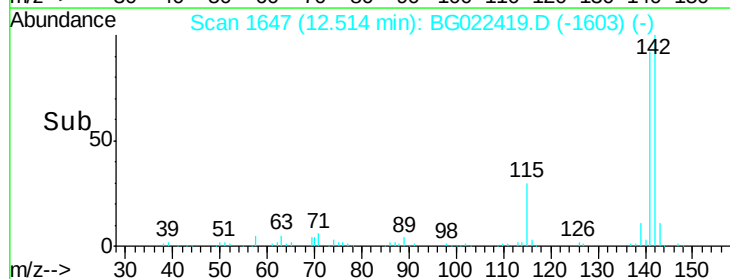
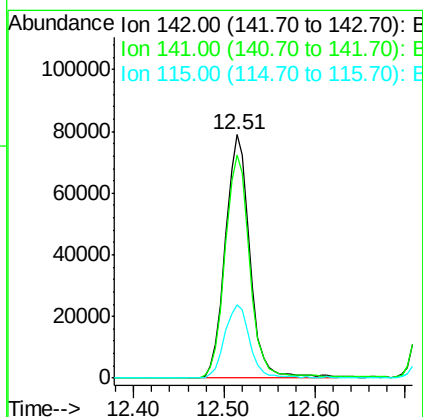
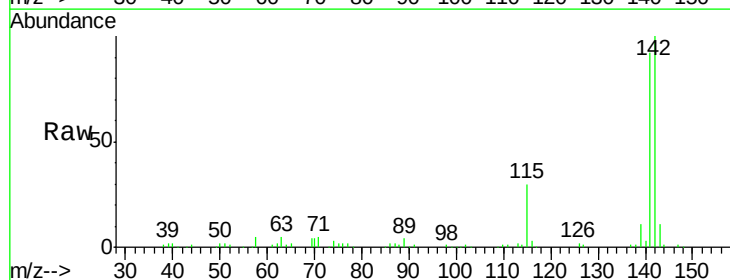
Instrument :
 BNA_G
 ClientSampleId :
 PB91233BS

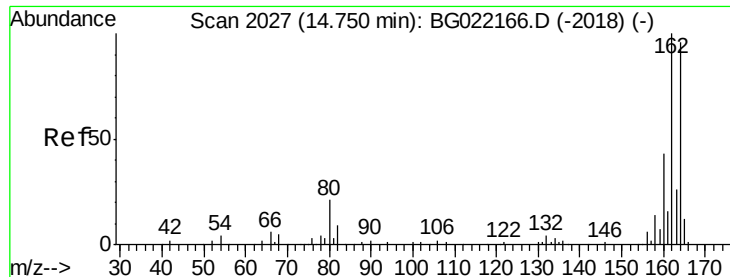
Tgt Ion:107 Resp: 70380
 Ion Ratio Lower Upper
 107 100
 144 28.5 19.2 28.8
 142 90.7 59.1 88.7#



#37
 2-Methylnaphthalene
 Concen: 33.82 ng
 RT: 12.51 min Scan# 1647
 Delta R.T. -0.04 min
 Lab File: BG022419.D
 Acq: 18 Jun 2016 12:00

Tgt Ion:142 Resp: 148688
 Ion Ratio Lower Upper
 142 100
 141 91.6 71.4 107.0
 115 30.2 27.4 41.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.68 min Scan# 2016

Delta R.T. -0.04 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Instrument :

BNA_G

ClientSampleId :

PB91233BS

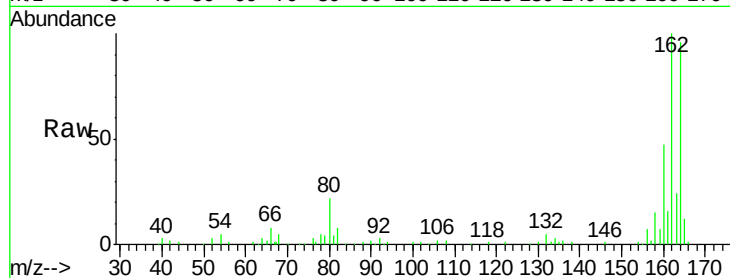
Tgt Ion:164 Resp: 72740

Ion Ratio Lower Upper

164 100

162 104.7 78.0 117.0

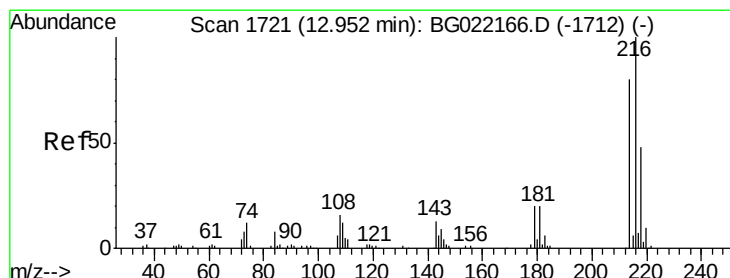
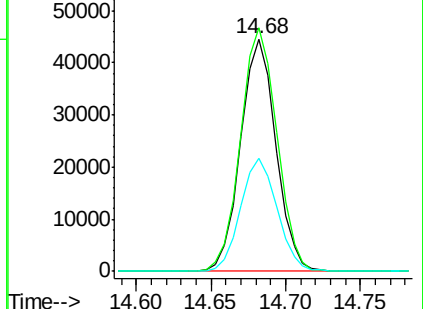
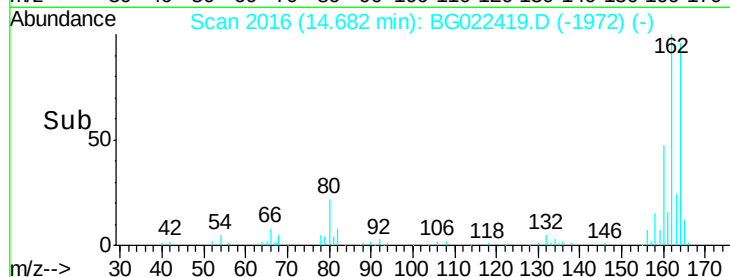
160 48.7 32.9 49.3



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



#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.39 ng

RT: 12.88 min Scan# 1709

Delta R.T. -0.04 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Tgt Ion:216 Resp: 60649

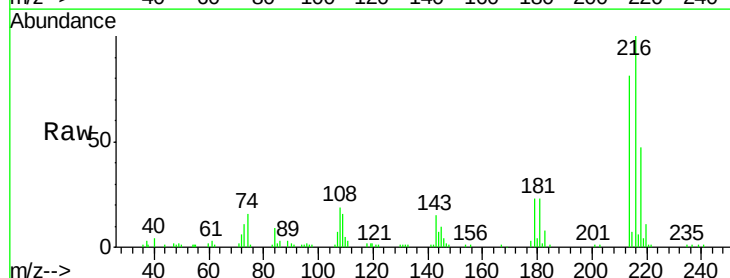
Ion Ratio Lower Upper

216 100

214 80.4 62.2 93.2

179 22.4 16.7 25.1

108 21.3 14.0 21.0#

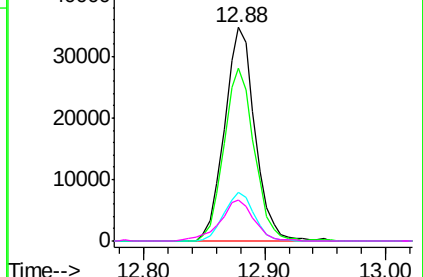
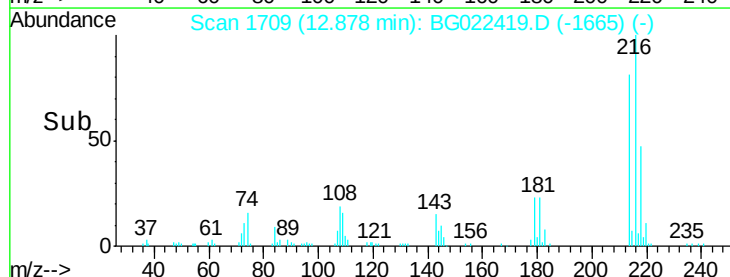


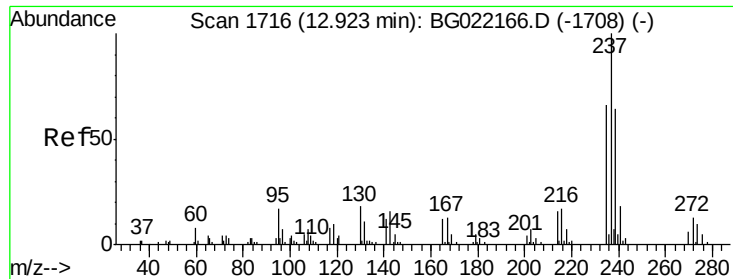
Abundance Ion 216.00 (215.70 to 216.70): E

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

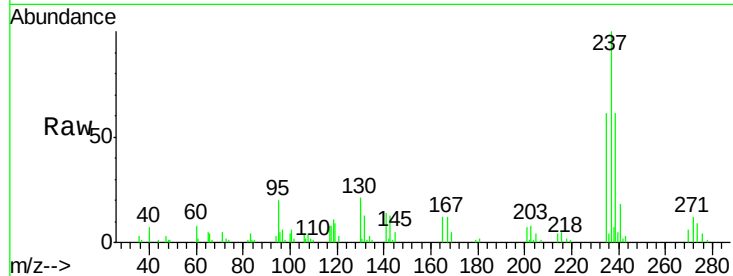




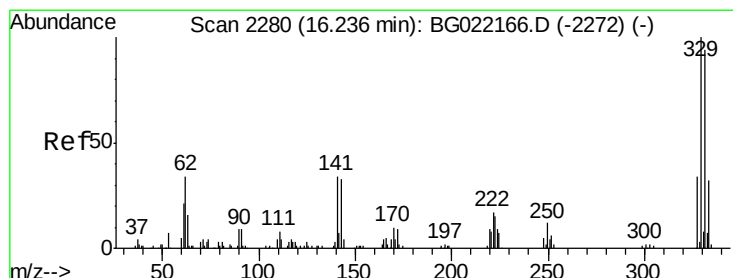
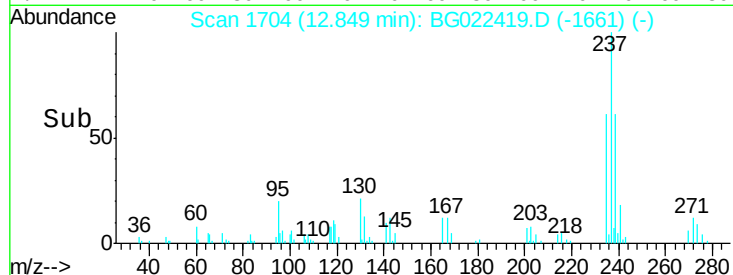
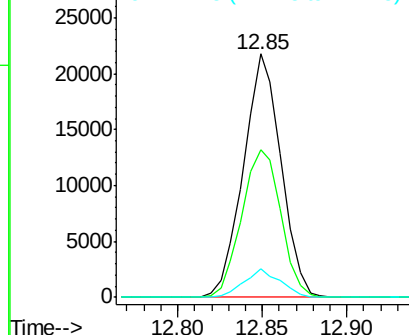
#40
Hexachlorocyclopentadiene
Concen: 38.13 ng
RT: 12.85 min Scan# 1704
Delta R.T. -0.05 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Instrument :
BNA_G
ClientSampleId :
PB91233BS

Tgt Ion: 237 Resp: 33650
Ion Ratio Lower Upper
237 100
235 60.5 43.2 83.2
272 11.8 0.0 33.4

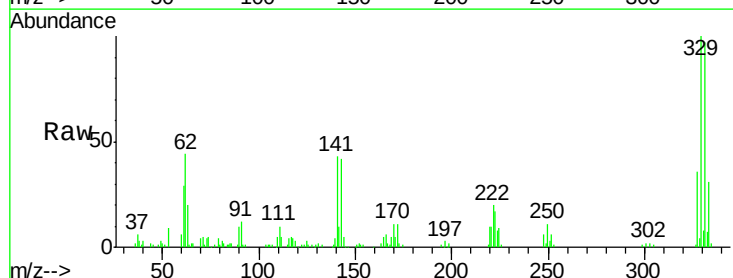


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

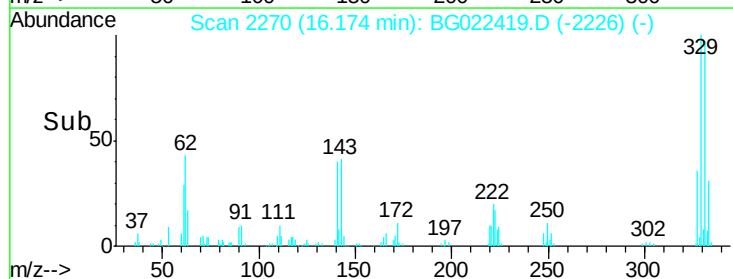
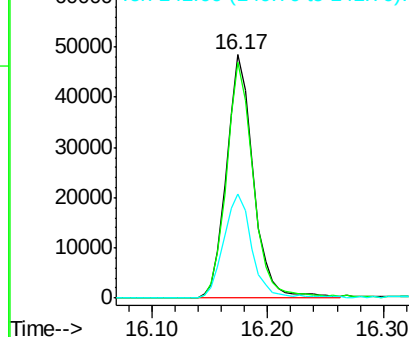


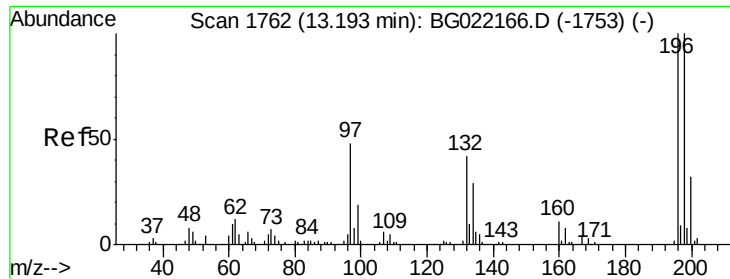
#41
2,4,6-Tribromophenol
Concen: 95.33 ng
RT: 16.17 min Scan# 2270
Delta R.T. -0.04 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Tgt Ion: 330 Resp: 78357
Ion Ratio Lower Upper
330 100
332 97.4 78.0 117.0
141 45.1 33.8 50.8



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

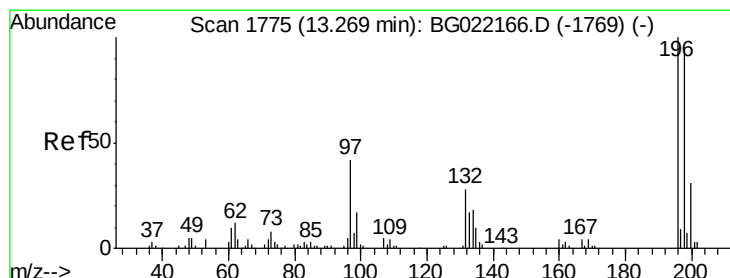
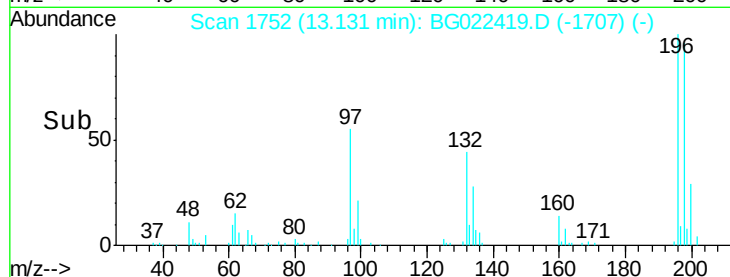
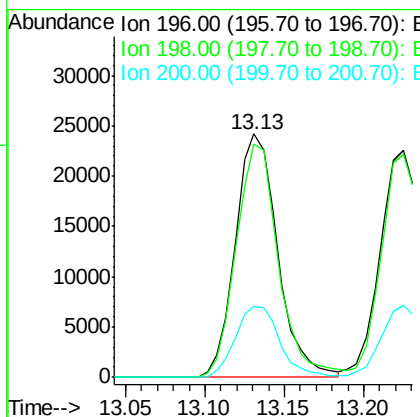
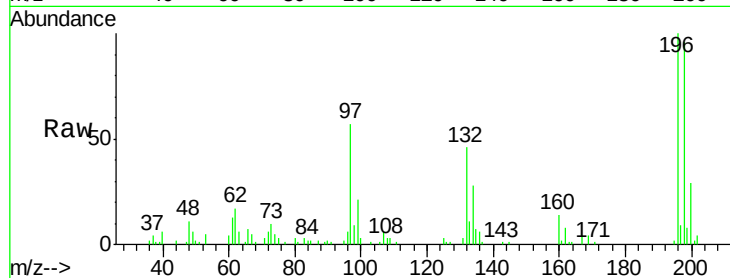




#42
 2,4,6-Trichlorophenol
 Concen: 35.80 ng
 RT: 13.13 min Scan# 1752
 Delta R.T. -0.04 min
 Lab File: BG022419.D
 Acq: 18 Jun 2016 12:00

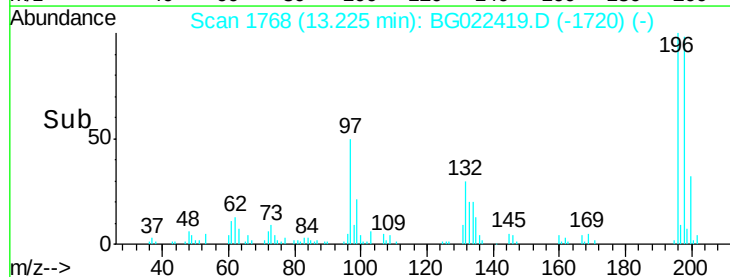
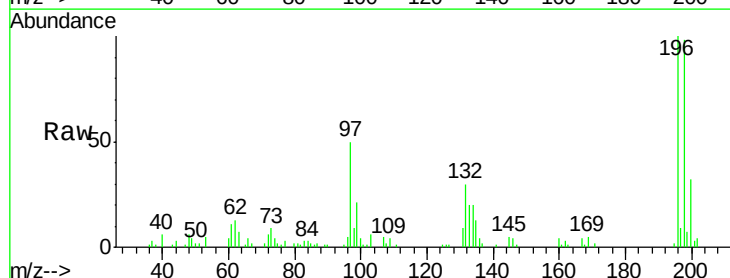
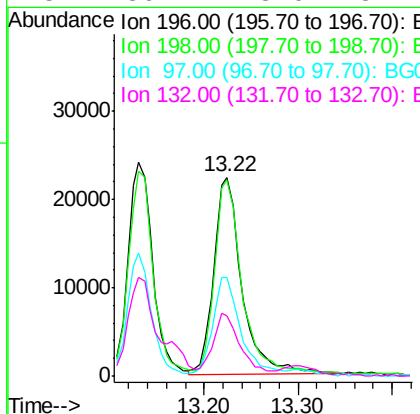
Instrument :
 BNA_G
 ClientSampleId :
 PB91233BS

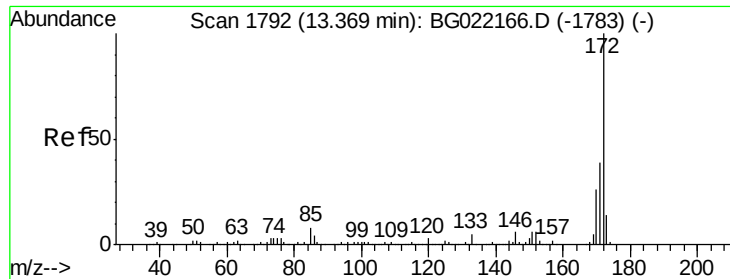
Tgt Ion:196 Resp: 44975
 Ion Ratio Lower Upper
 196 100
 198 96.0 80.1 120.1
 200 29.3 24.1 36.1



#43
 2,4,5-Trichlorophenol
 Concen: 34.11 ng
 RT: 13.22 min Scan# 1768
 Delta R.T. -0.02 min
 Lab File: BG022419.D
 Acq: 18 Jun 2016 12:00

Tgt Ion:196 Resp: 47332
 Ion Ratio Lower Upper
 196 100
 198 98.5 78.0 117.0
 97 49.7 43.0 64.6
 132 30.1 23.0 34.4

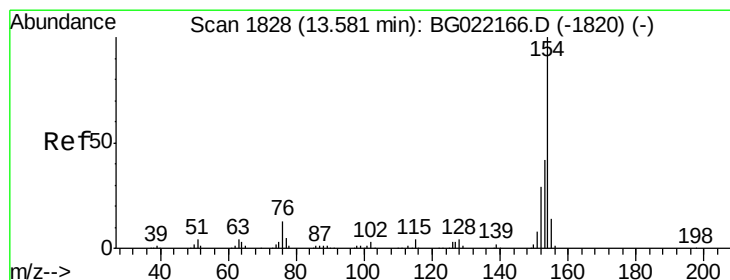
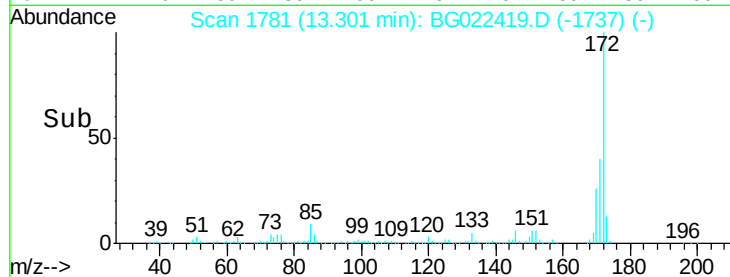
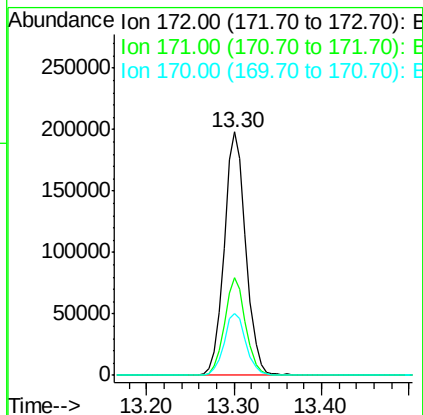
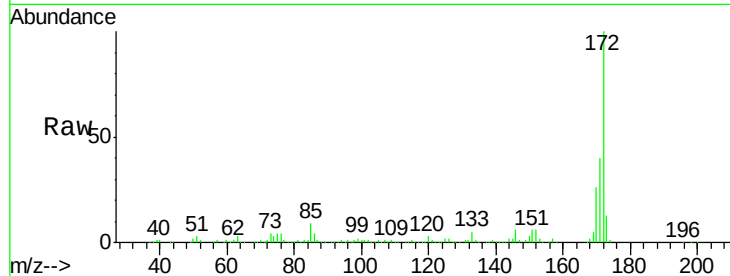




#44
2-Fluorobiphenyl
Concen: 70.06 ng
RT: 13.30 min Scan# 1781
Delta R.T. -0.04 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

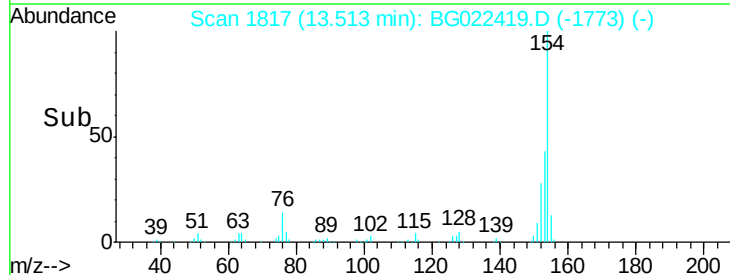
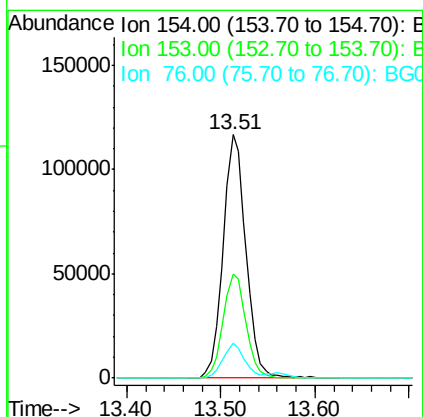
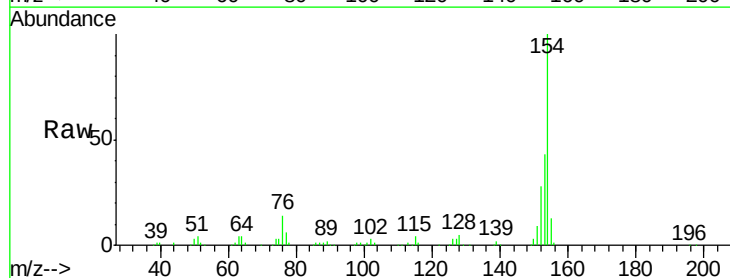
Instrument :
BNA_G
ClientSampleId :
PB91233BS

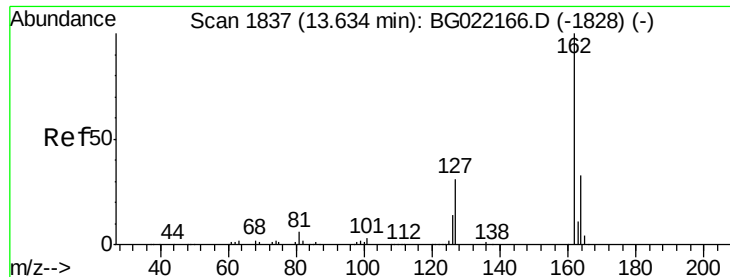
Tgt Ion:172 Resp: 334408
Ion Ratio Lower Upper
172 100
171 40.0 27.8 41.6
170 25.5 19.6 29.4



#45
1,1'-Biphenyl
Concen: 35.94 ng
RT: 13.51 min Scan# 1817
Delta R.T. -0.04 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Tgt Ion:154 Resp: 196738
Ion Ratio Lower Upper
154 100
153 42.8 19.7 59.7
76 14.4 0.0 33.0

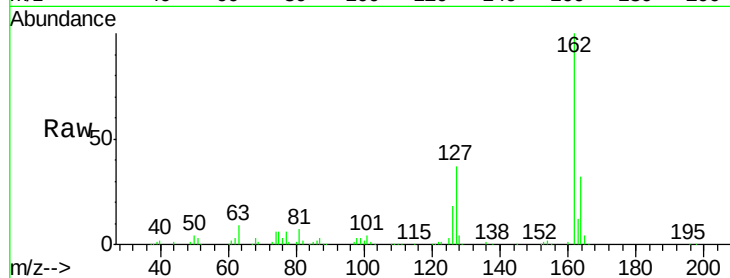




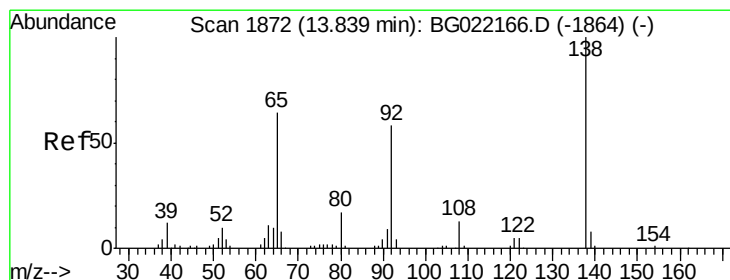
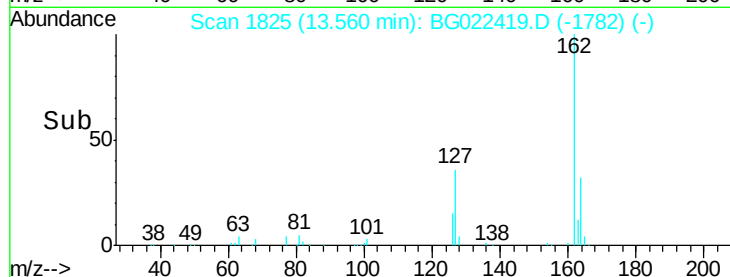
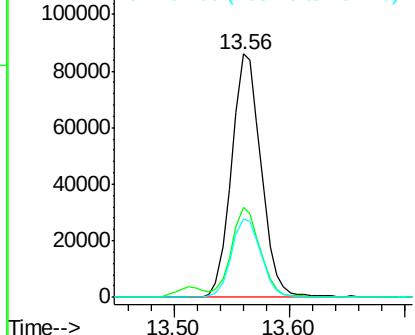
#46
 2-Chloronaphthalene
 Concen: 36.34 ng
 RT: 13.56 min Scan# 1825
 Delta R.T. -0.05 min
 Lab File: BG022419.D
 Acq: 18 Jun 2016 12:00

Instrument :
 BNA_G
 ClientSampleId :
 PB91233BS

Tgt Ion: 162 Resp: 152514
 Ion Ratio Lower Upper
 162 100
 127 37.2 32.0 48.0
 164 32.1 27.0 40.4

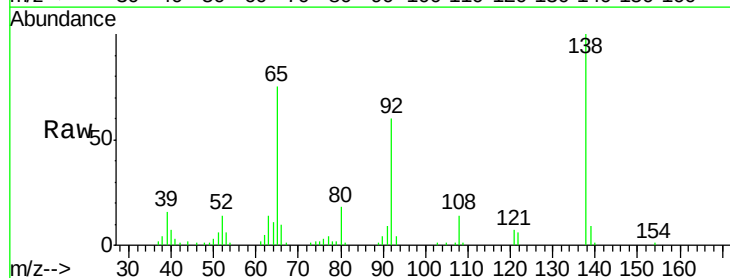


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

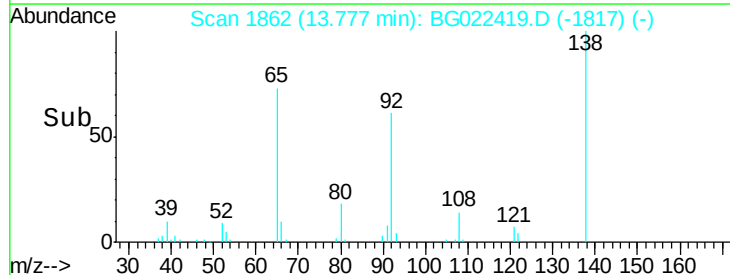
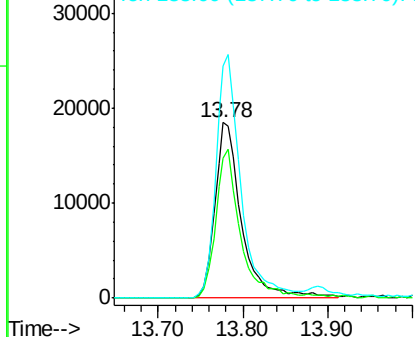


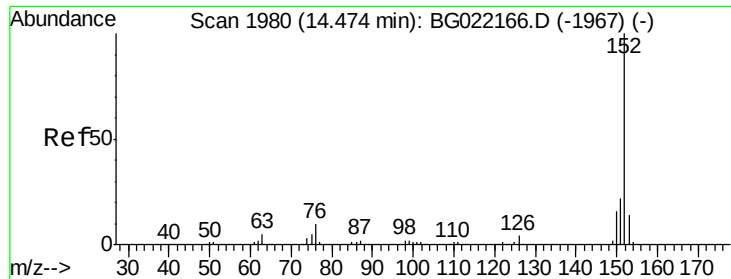
#47
 2-Nitroaniline
 Concen: 40.70 ng
 RT: 13.78 min Scan# 1862
 Delta R.T. -0.04 min
 Lab File: BG022419.D
 Acq: 18 Jun 2016 12:00

Tgt Ion: 65 Resp: 40721
 Ion Ratio Lower Upper
 65 100
 92 80.0 49.2 73.8#
 138 132.5 75.0 112.6#



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 36.03 ng

RT: 14.41 min Scan# 1969

Delta R.T. -0.04 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Instrument :

BNA_G

ClientSampleId :

PB91233BS

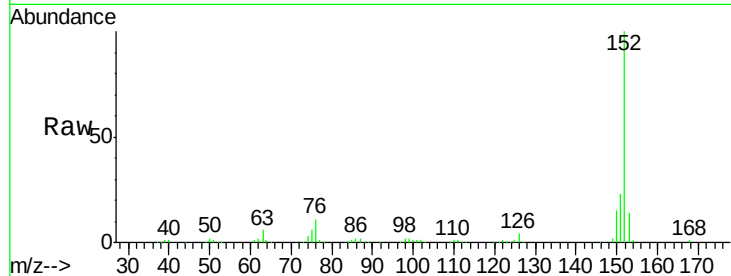
Tgt Ion:152 Resp: 265255

Ion Ratio Lower Upper

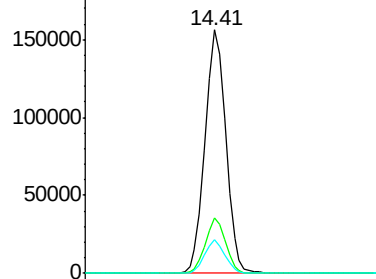
152 100

151 22.7 16.6 24.8

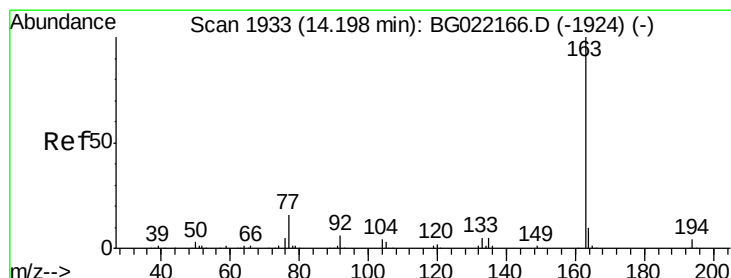
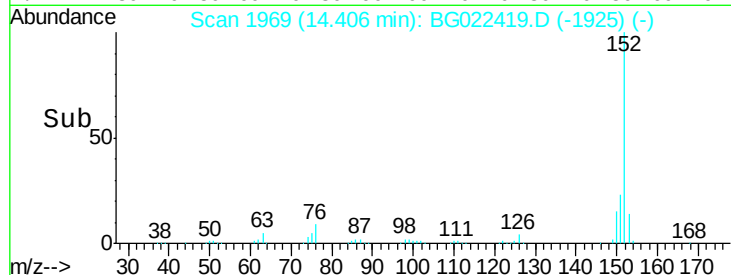
153 13.8 10.2 15.2



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



Time-->



#49

Dimethylphthalate

Concen: 34.48 ng

RT: 14.13 min Scan# 1922

Delta R.T. -0.04 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

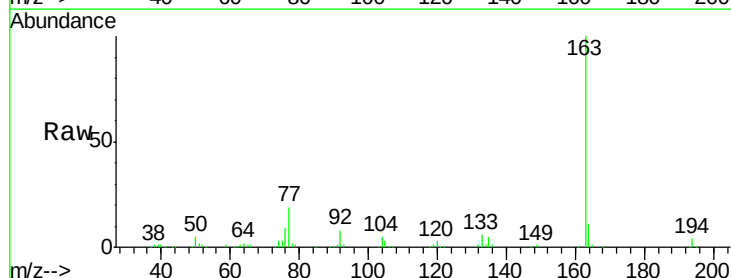
Tgt Ion:163 Resp: 207945

Ion Ratio Lower Upper

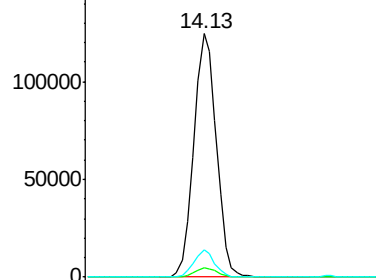
163 100

194 3.9 3.0 4.6

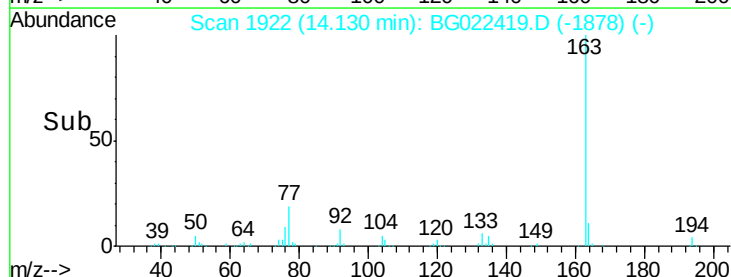
164 11.0 8.1 12.1

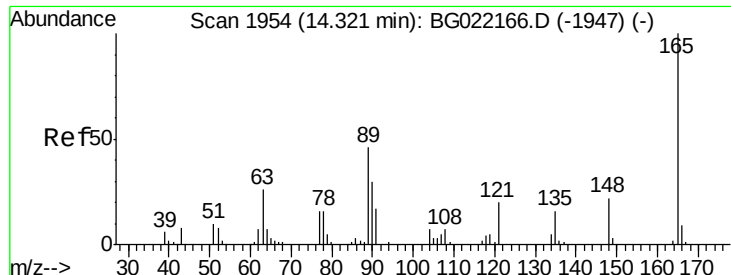


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->

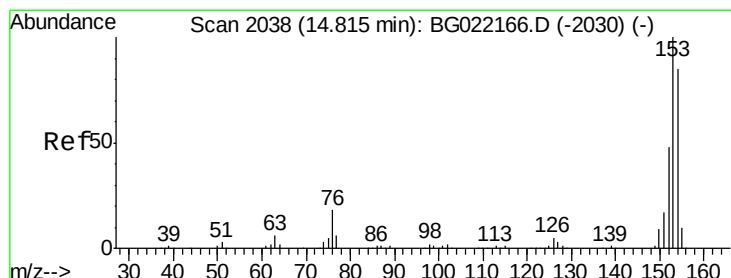
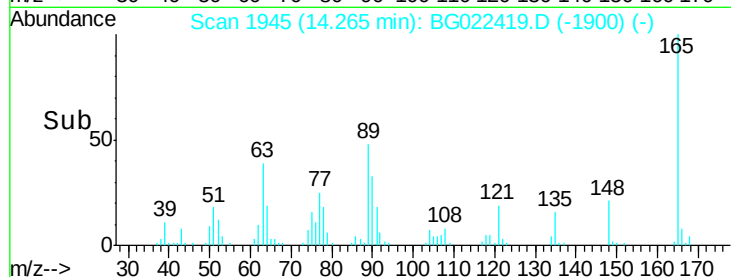
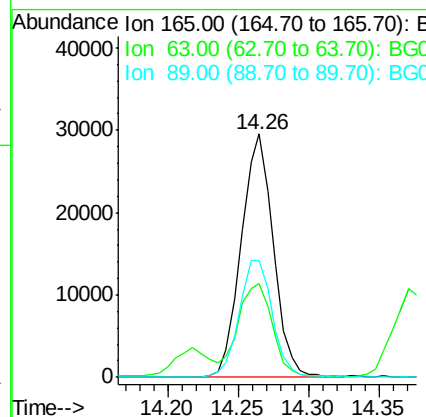
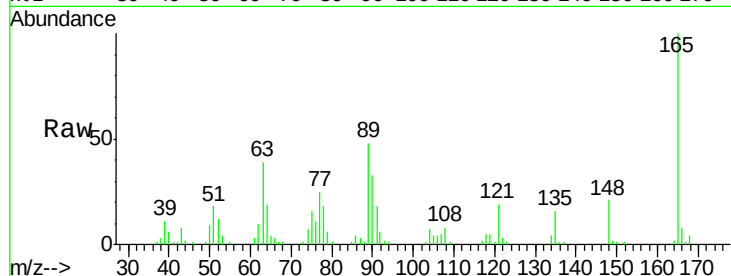




#50
2,6-Dinitrotoluene
Concen: 35.80 ng
RT: 14.26 min Scan# 1945
Delta R.T. -0.04 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

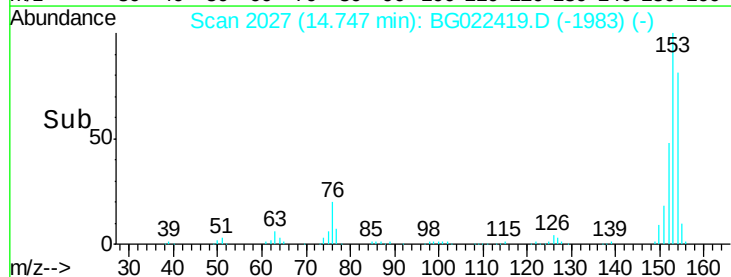
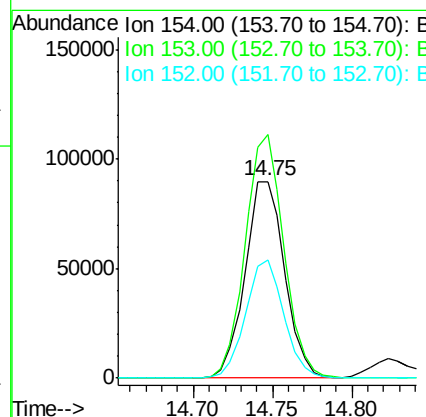
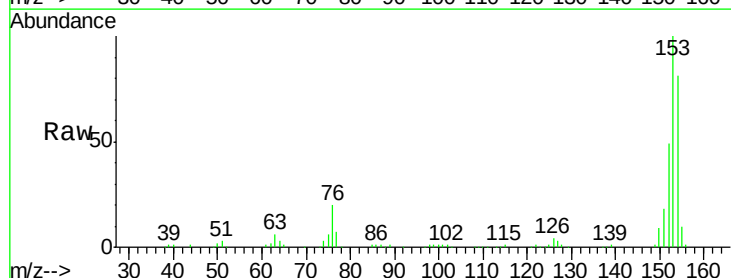
Instrument :
BNA_G
ClientSampleId :
PB91233BS

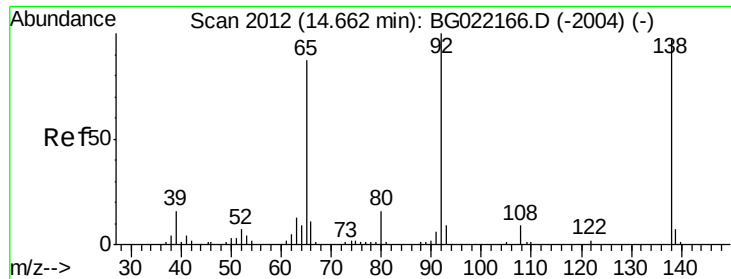
Tgt Ion:165 Resp: 46941
Ion Ratio Lower Upper
165 100
63 38.7 48.2 72.4#
89 48.0 45.3 67.9



#51
Acenaphthene
Concen: 35.32 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.04 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Tgt Ion:154 Resp: 155784
Ion Ratio Lower Upper
154 100
153 123.8 91.9 137.9
152 60.3 42.0 63.0





#52

3-Nitroaniline

Concen: 18.94 ng

RT: 14.61 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Instrument :

BNA_G

ClientSampleId :

PB91233BS

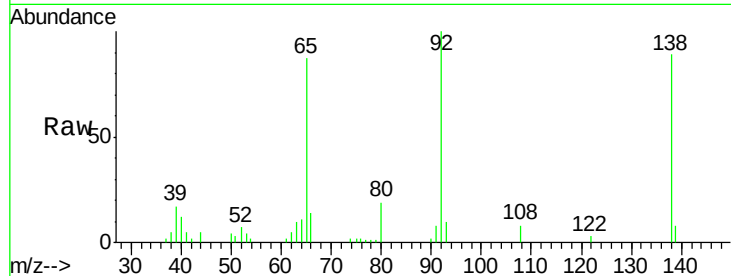
Tgt Ion:138 Resp: 27548

Ion Ratio Lower Upper

138 100

108 8.8 9.1 13.7#

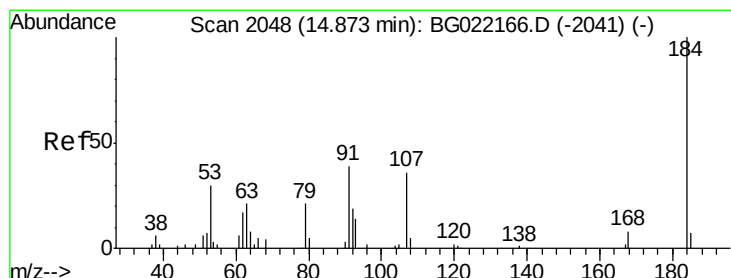
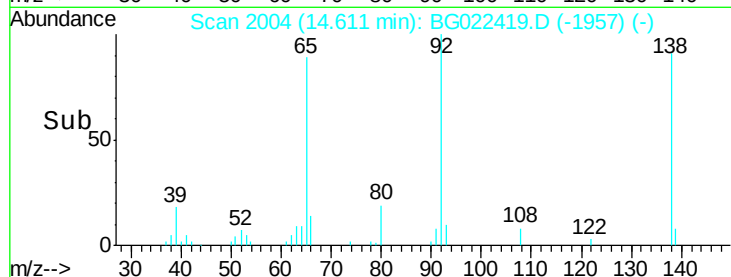
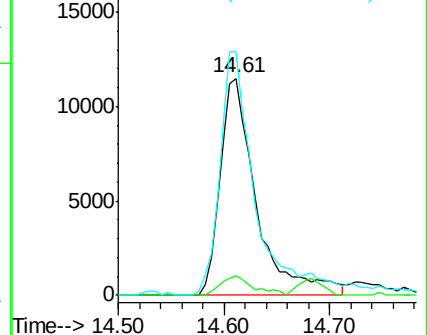
92 112.2 102.6 154.0



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



#53

2,4-Dinitrophenol

Concen: 58.35 ng

RT: 14.82 min Scan# 2040

Delta R.T. -0.03 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

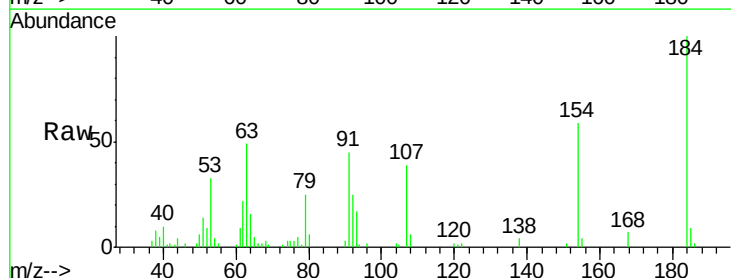
Tgt Ion:184 Resp: 29409

Ion Ratio Lower Upper

184 100

63 48.8 57.3 85.9#

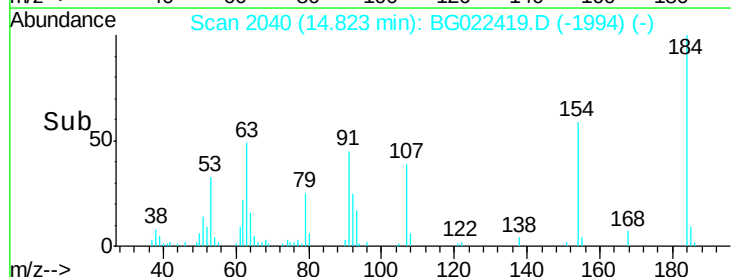
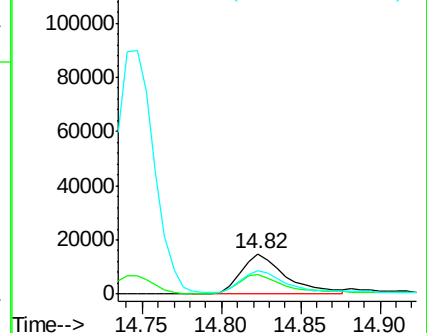
154 58.6 55.2 82.8

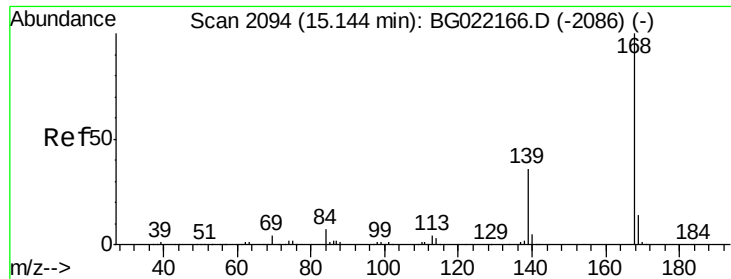


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 35.68 ng

RT: 15.08 min Scan# 2084

Delta R.T. -0.04 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Instrument :

BNA_G

ClientSampleId :

PB91233BS

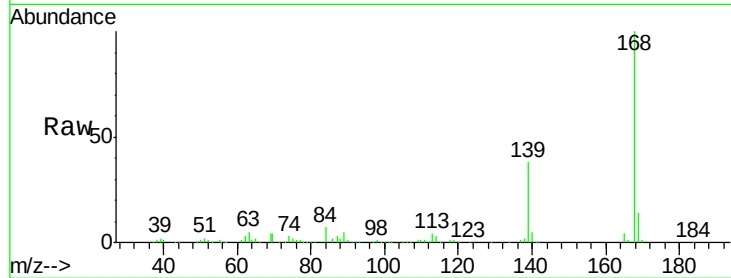
Tgt Ion:168 Resp: 245656

Ion Ratio Lower Upper

168 100

139 38.3 31.1 46.7

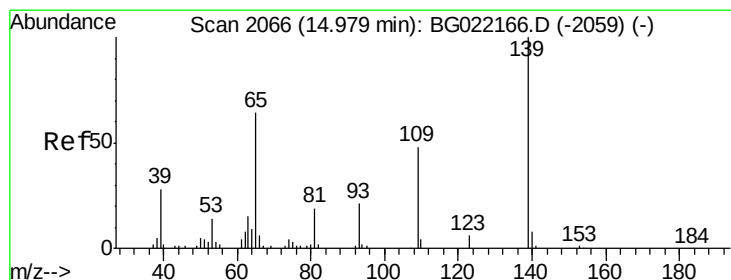
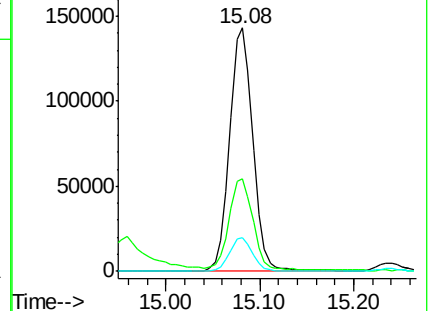
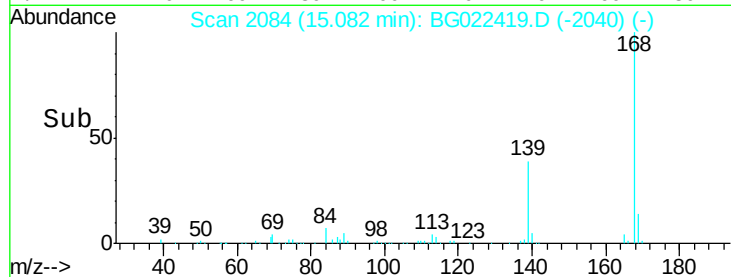
169 13.6 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 53.81 ng

RT: 14.96 min Scan# 2063

Delta R.T. -0.00 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

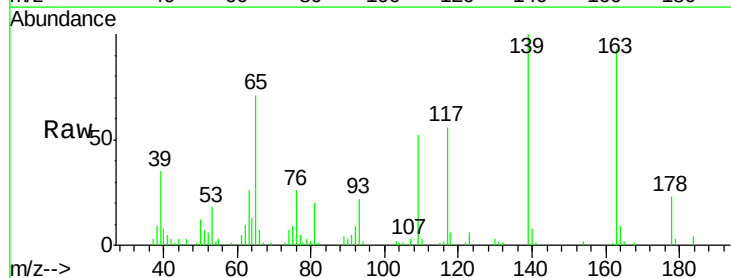
Tgt Ion:139 Resp: 54004

Ion Ratio Lower Upper

139 100

109 52.4 49.2 89.2

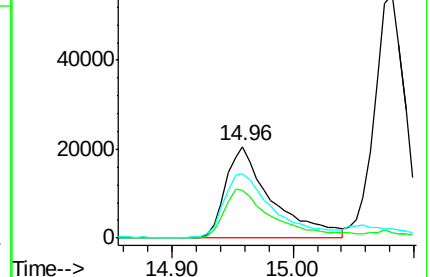
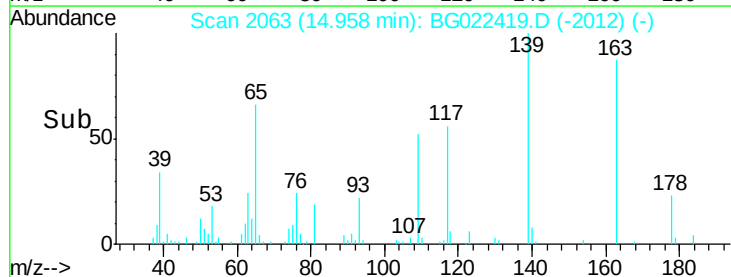
65 70.6 83.2 123.2#

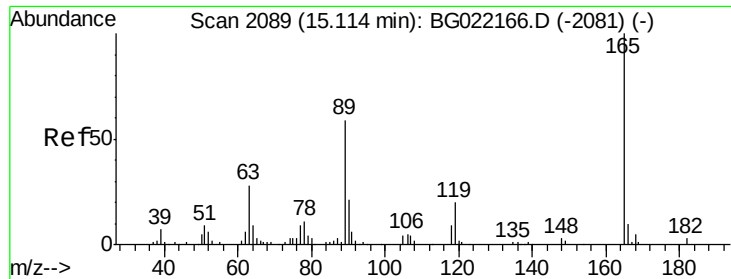


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

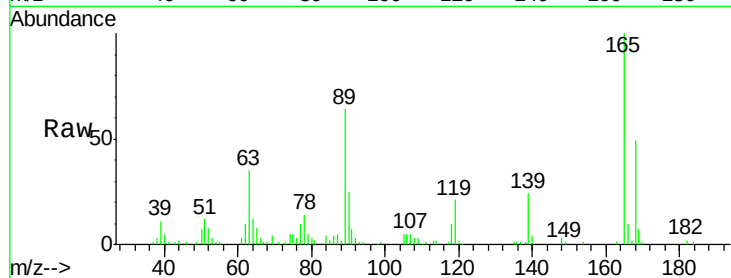




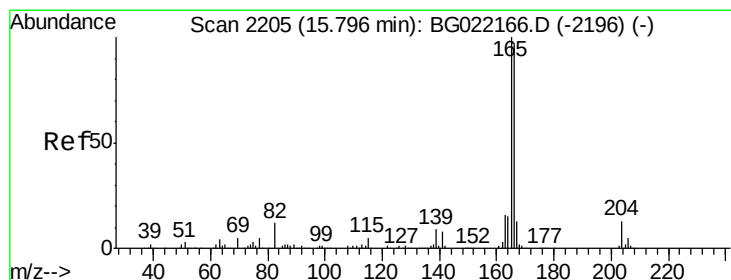
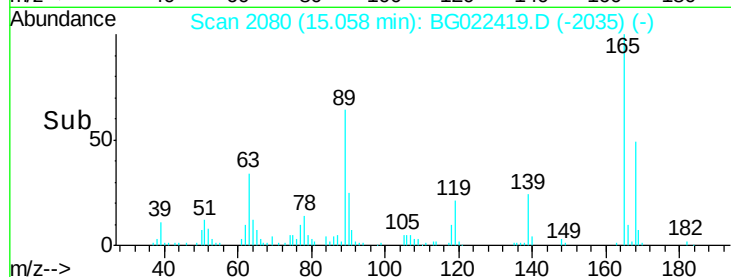
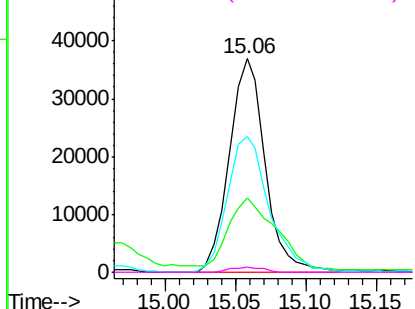
#56
2,4-Dinitrotoluene
Concen: 37.10 ng
RT: 15.06 min Scan# 2080
Delta R.T. -0.04 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Instrument :
BNA_G
ClientSampleId :
PB91233BS

Tgt Ion:165 Resp: 65245
Ion Ratio Lower Upper
165 100
63 34.9 37.4 56.0#
89 63.6 59.4 89.0
182 2.5 2.1 3.1

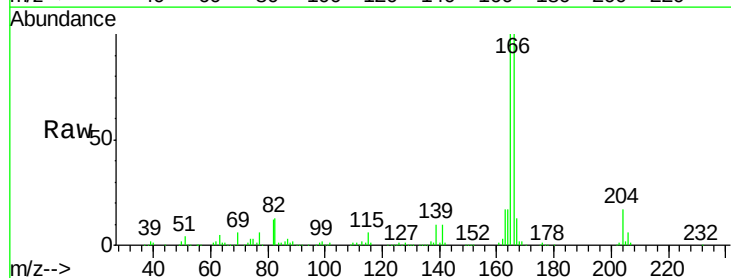


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

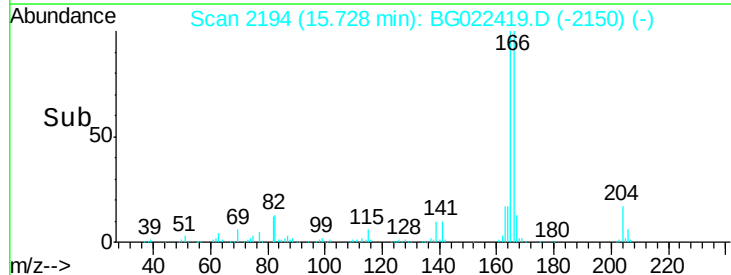
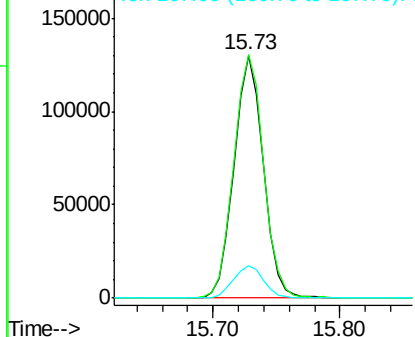


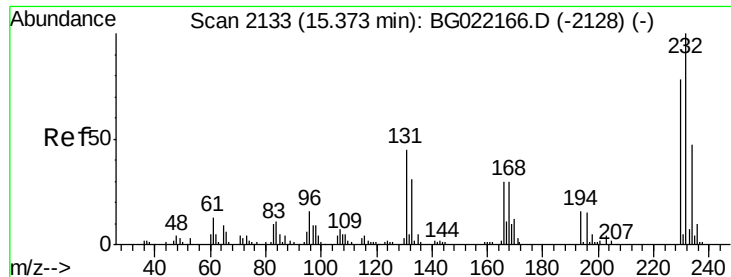
#57
Fluorene
Concen: 34.94 ng
RT: 15.73 min Scan# 2194
Delta R.T. -0.04 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Tgt Ion:166 Resp: 207202
Ion Ratio Lower Upper
166 100
165 100.2 79.0 118.4
167 13.5 10.7 16.1



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

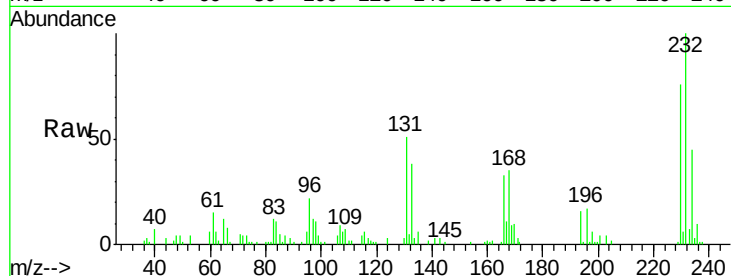




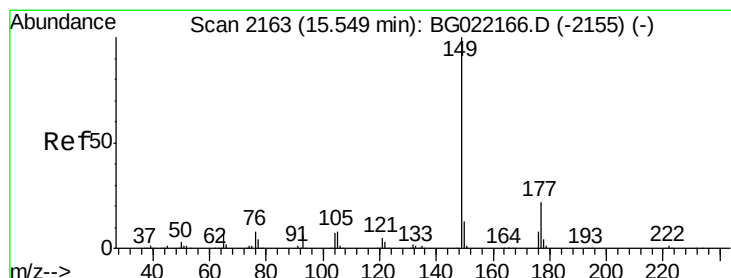
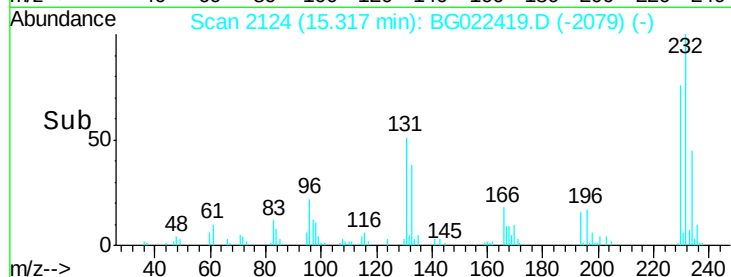
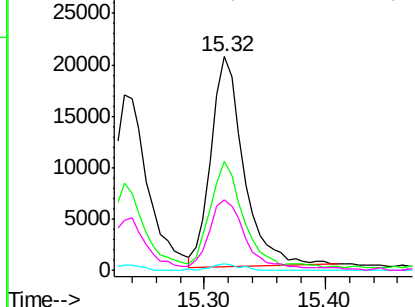
#58
2,3,4,6-Tetrachlorophenol
Concen: 30.85 ng
RT: 15.32 min Scan# 2124
Delta R.T. -0.04 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Instrument :
BNA_G
ClientSampleId :
PB91233BS

Tgt Ion:232 Resp: 38398
Ion Ratio Lower Upper
232 100
131 47.6 36.3 54.5
130 2.8 1.9 2.9
166 35.1 25.0 37.4

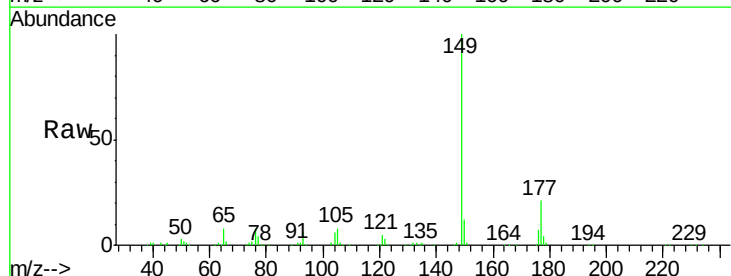


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

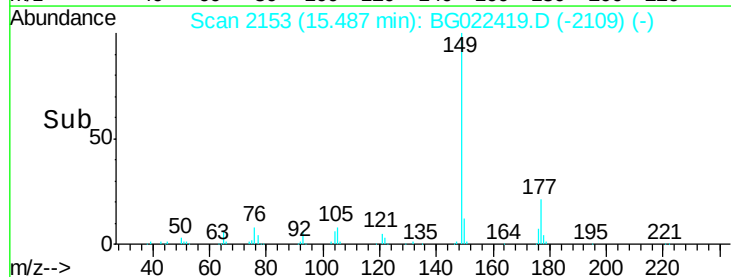
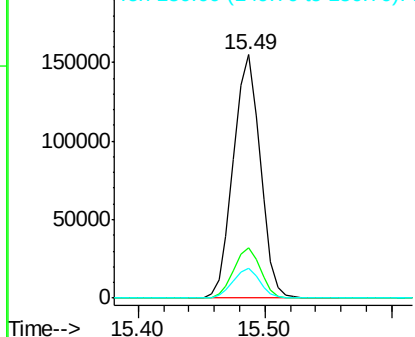


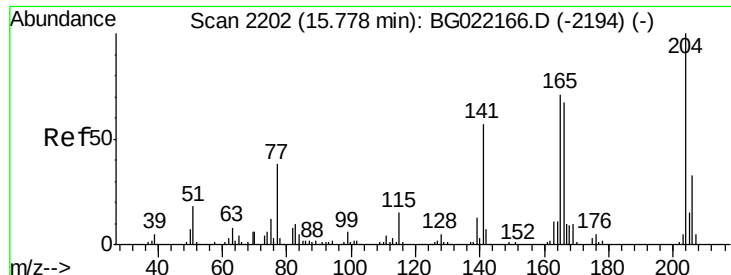
#59
Diethylphthalate
Concen: 35.38 ng
RT: 15.49 min Scan# 2153
Delta R.T. -0.04 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Tgt Ion:149 Resp: 227913
Ion Ratio Lower Upper
149 100
177 20.9 17.3 25.9
150 12.2 9.7 14.5



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

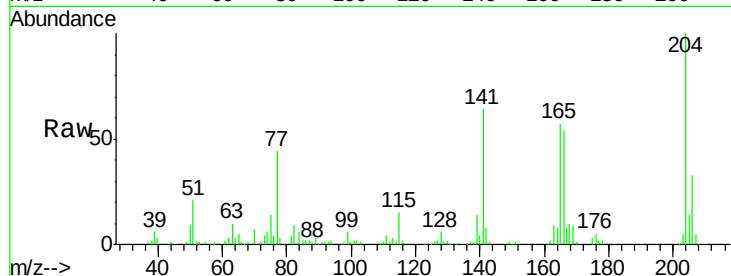




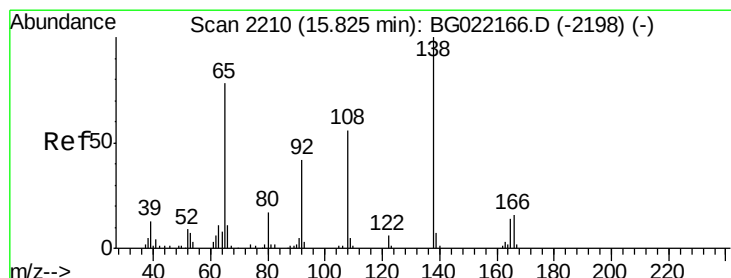
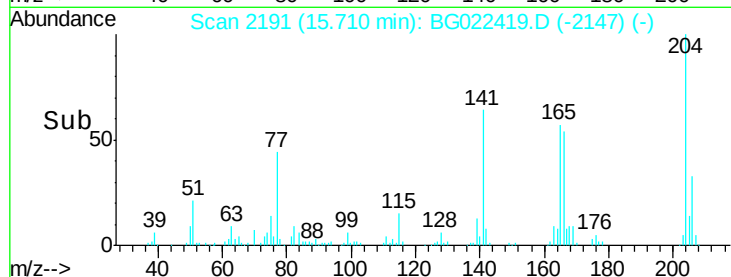
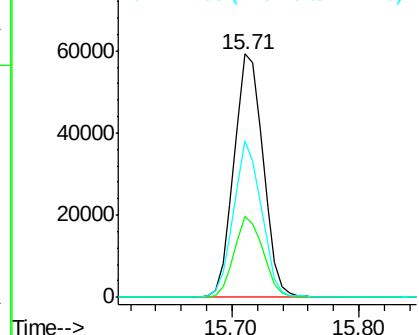
#60
 4-Chlorophenyl-phenylether
 Concen: 35.09 ng
 RT: 15.71 min Scan# 2191
 Delta R.T. -0.04 min
 Lab File: BG022419.D
 Acq: 18 Jun 2016 12:00

Instrument :
 BNA_G
 ClientSampleId :
 PB91233BS

Tgt Ion: 204 Resp: 94246
 Ion Ratio Lower Upper
 204 100
 206 33.3 27.8 41.8
 141 64.1 51.0 76.4

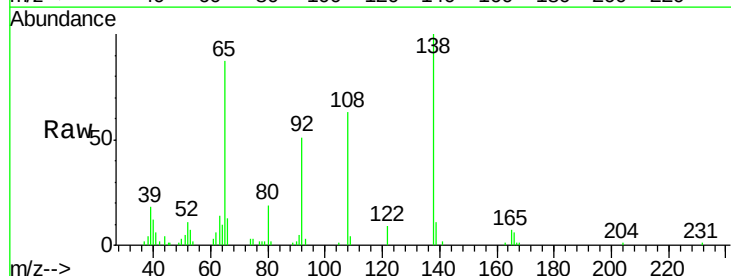


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

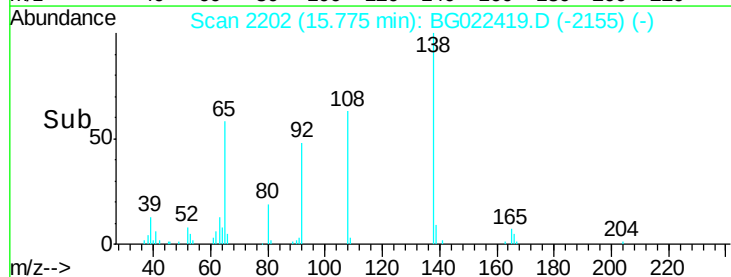
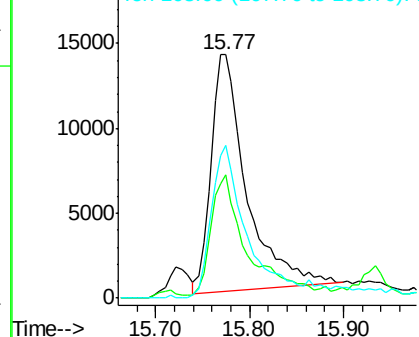


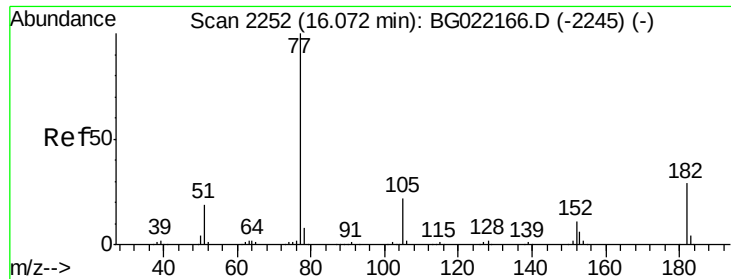
#61
 4-Nitroaniline
 Concen: 24.13 ng
 RT: 15.77 min Scan# 2202
 Delta R.T. -0.02 min
 Lab File: BG022419.D
 Acq: 18 Jun 2016 12:00

Tgt Ion: 138 Resp: 37216
 Ion Ratio Lower Upper
 138 100
 92 50.7 37.7 77.7
 108 62.9 59.4 99.4



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





#62

Azobenzene

Concen: 39.95 ng

RT: 16.01 min Scan# 2242

Delta R.T. -0.04 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Instrument :

BNA_G

ClientSampleId :

PB91233BS

Tgt Ion: 77 Resp: 194898

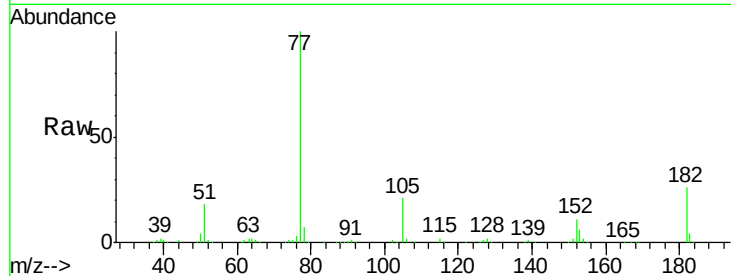
Ion Ratio Lower Upper

77 100

182 26.5 4.1 44.1

105 21.2 0.0 39.8

51 18.4 11.1 51.1

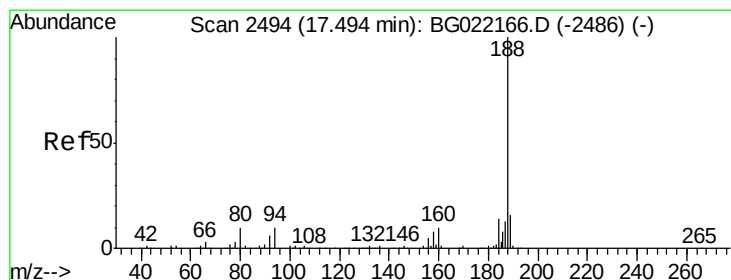
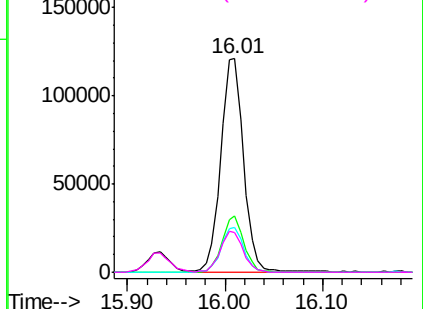
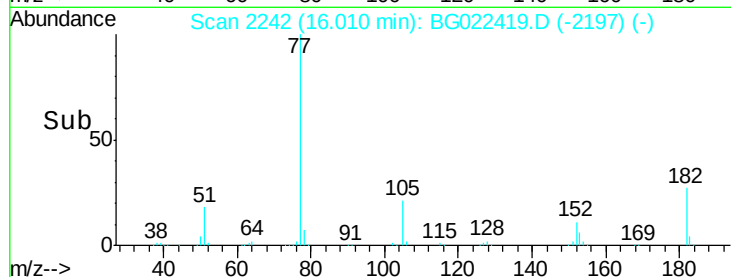


Abundance Ion 77.00 (76.70 to 77.70): BGC

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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.43 min Scan# 2483

Delta R.T. -0.04 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

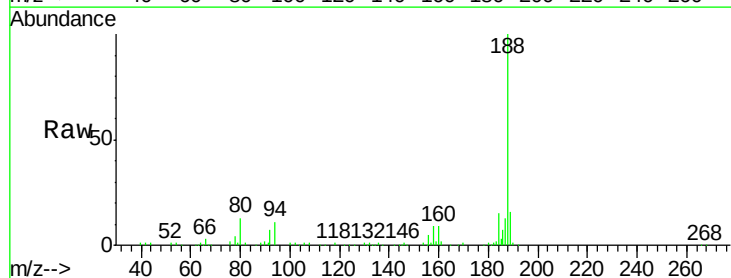
Tgt Ion: 188 Resp: 170904

Ion Ratio Lower Upper

188 100

94 11.2 7.5 11.3

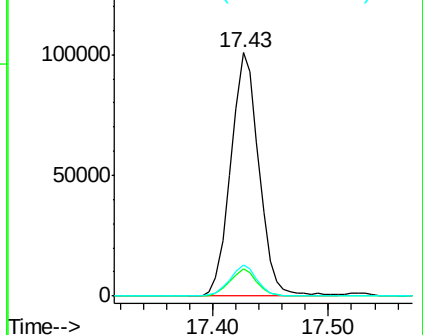
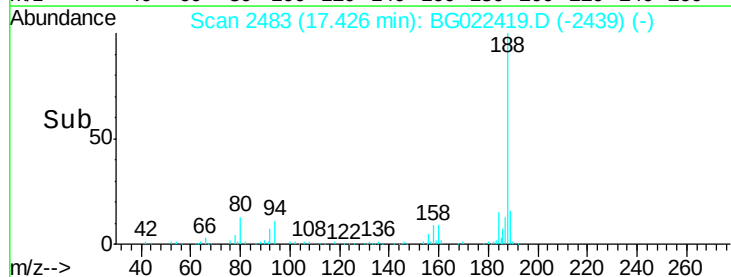
80 12.5 8.6 13.0

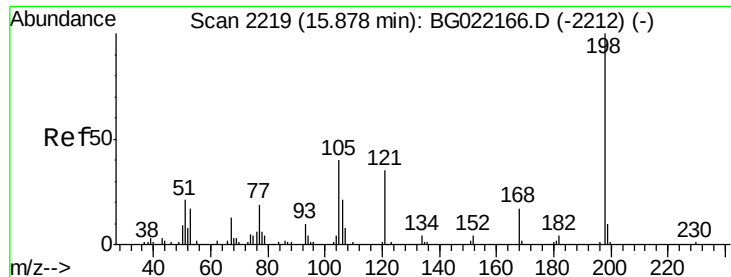


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#64

4,6-Dinitro-2-methylphenol

Concen: 34.45 ng

RT: 15.83 min Scan# 2211

Delta R.T. -0.03 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Instrument :

BNA_G

ClientSampleId :

PB91233BS

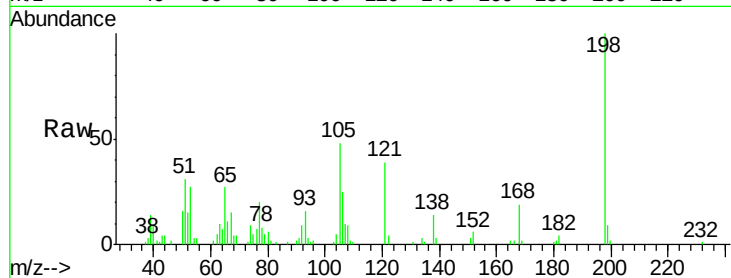
Tgt Ion:198 Resp: 28344

Ion Ratio Lower Upper

198 100

51 31.4 29.2 69.2

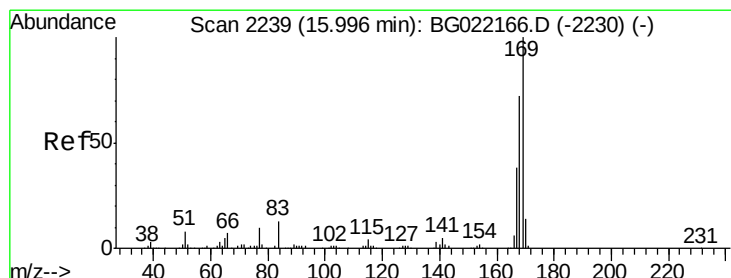
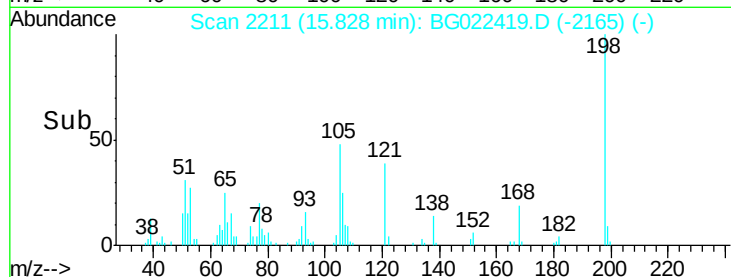
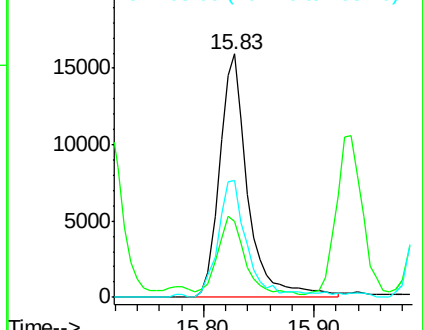
105 47.8 24.0 64.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 36.37 ng

RT: 15.93 min Scan# 2229

Delta R.T. -0.04 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

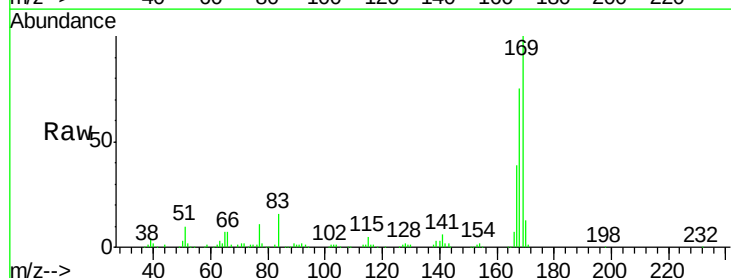
Tgt Ion:169 Resp: 179062

Ion Ratio Lower Upper

169 100

168 75.1 59.6 89.4

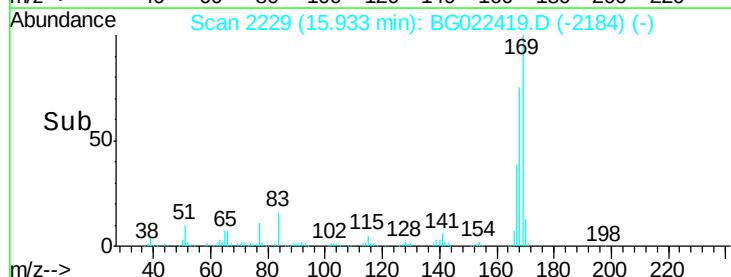
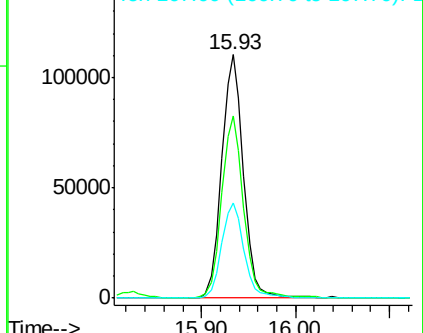
167 39.3 31.2 46.8

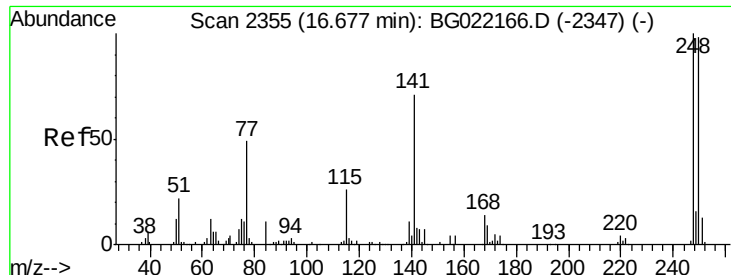


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

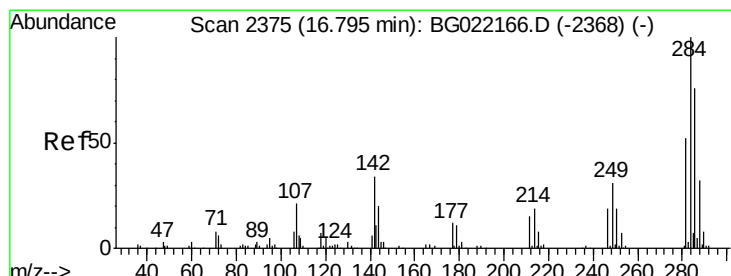
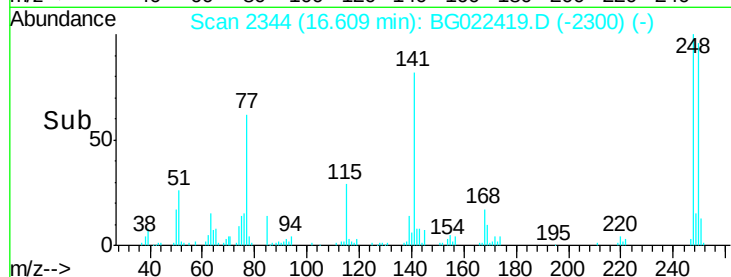
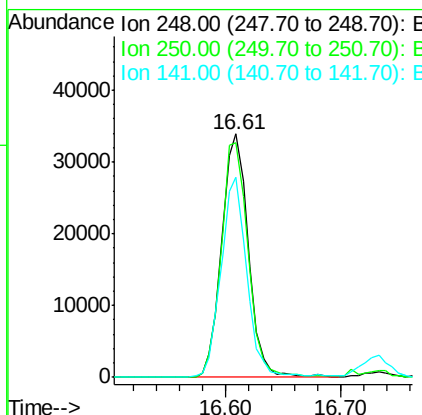
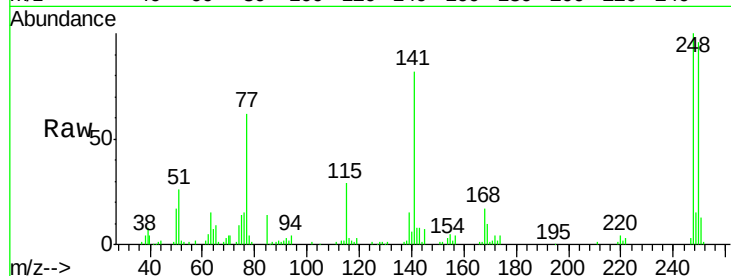




#66
 4-Bromophenyl-phenylether
 Concen: 33.94 ng
 RT: 16.61 min Scan# 2344
 Delta R.T. -0.04 min
 Lab File: BG022419.D
 Acq: 18 Jun 2016 12:00

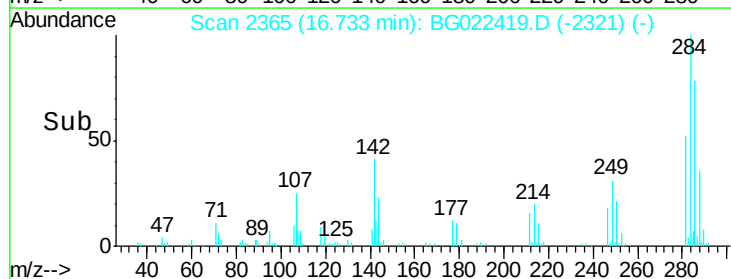
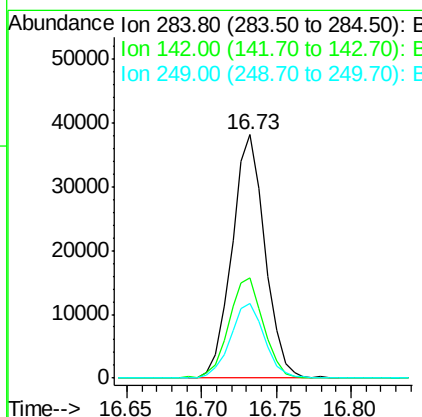
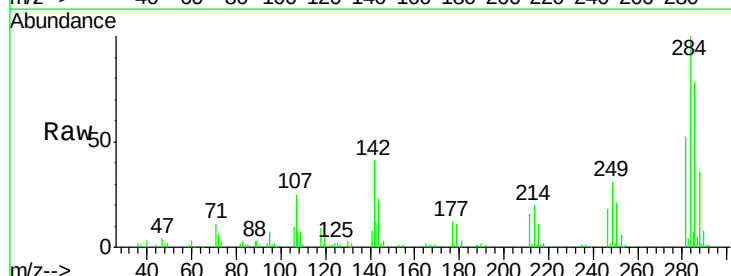
Instrument :
 BNA_G
 ClientSampleId :
 PB91233BS

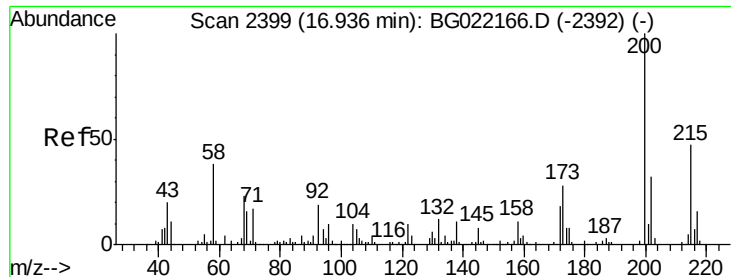
Tgt Ion:248 Resp: 54355
 Ion Ratio Lower Upper
 248 100
 250 96.2 76.6 114.8
 141 82.2 63.8 95.6



#67
 Hexachlorobenzene
 Concen: 31.49 ng
 RT: 16.73 min Scan# 2365
 Delta R.T. -0.04 min
 Lab File: BG022419.D
 Acq: 18 Jun 2016 12:00

Tgt Ion:284 Resp: 58767
 Ion Ratio Lower Upper
 284 100
 142 41.1 31.8 47.6
 249 33.2 27.3 40.9





#68

Atrazine

Concen: 33.35 ng

RT: 16.87 min Scan# 2389

Delta R.T. -0.04 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Instrument :

BNA_G

ClientSampleId :

PB91233BS

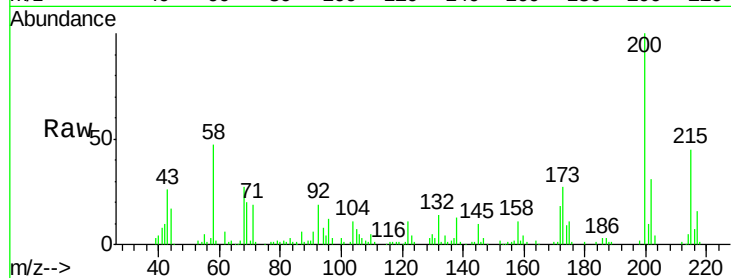
Tgt Ion:200 Resp: 60778

Ion Ratio Lower Upper

200 100

173 27.3 5.1 45.1

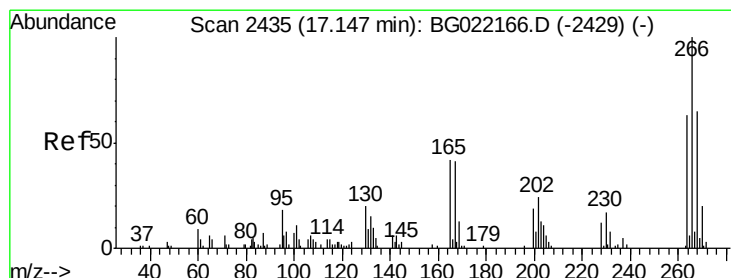
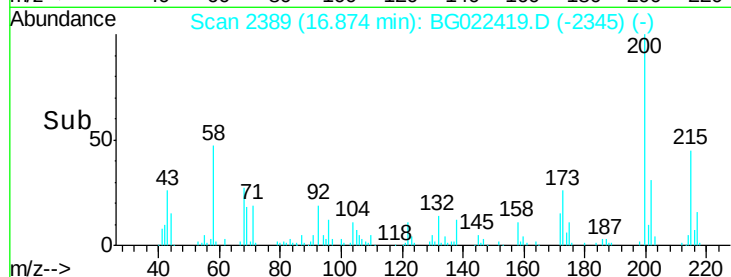
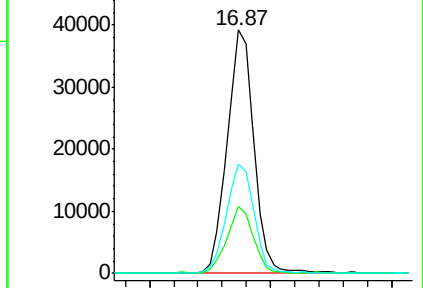
215 45.0 28.0 68.0



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



#69

Pentachlorophenol

Concen: 47.13 ng

RT: 17.09 min Scan# 2426

Delta R.T. -0.03 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

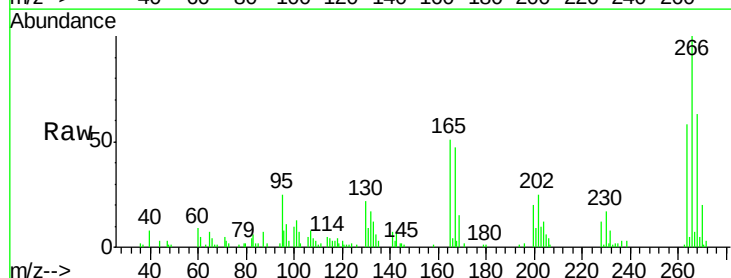
Tgt Ion:266 Resp: 37308

Ion Ratio Lower Upper

266 100

268 67.8 54.5 81.7

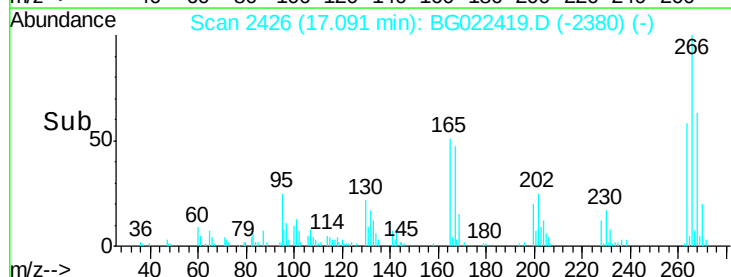
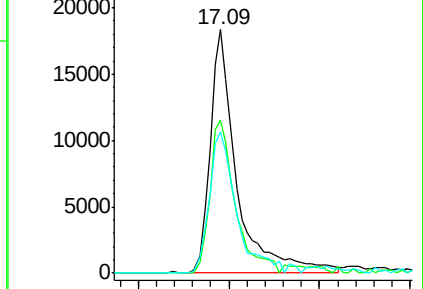
264 63.1 53.8 80.6

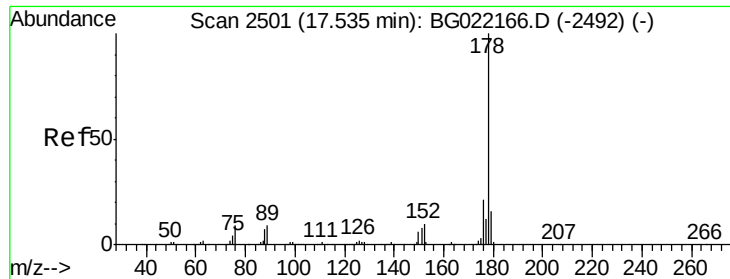


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 35.35 ng

RT: 17.47 min Scan# 2490

Delta R.T. -0.04 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Instrument :

BNA_G

ClientSampleId :

PB91233BS

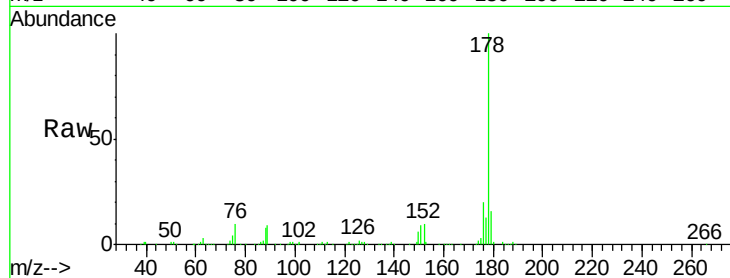
Tgt Ion:178 Resp: 328103

Ion Ratio Lower Upper

178 100

176 20.0 16.2 24.4

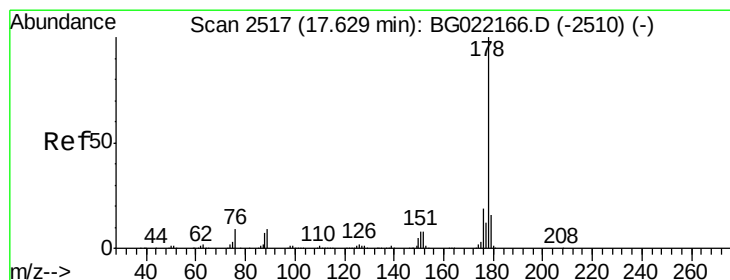
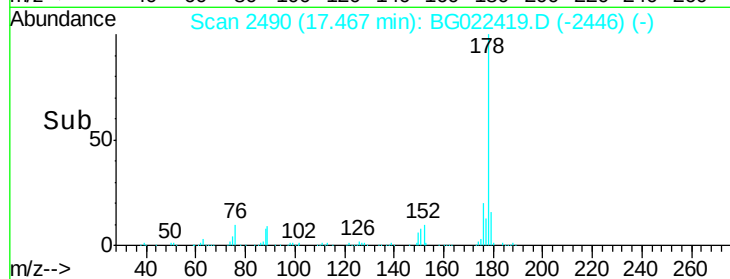
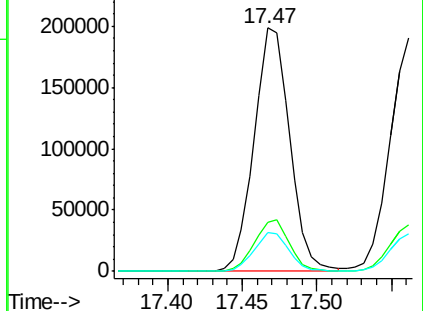
179 15.7 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 35.99 ng

RT: 17.56 min Scan# 2506

Delta R.T. -0.04 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

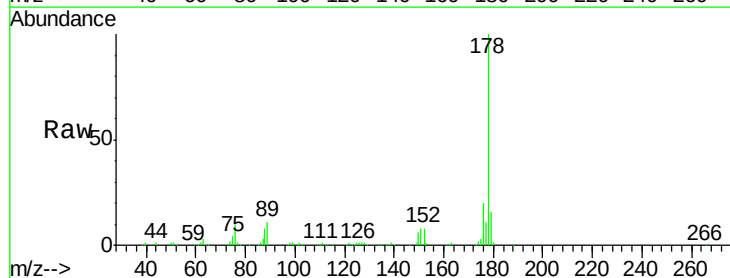
Tgt Ion:178 Resp: 331339

Ion Ratio Lower Upper

178 100

176 19.9 15.0 22.4

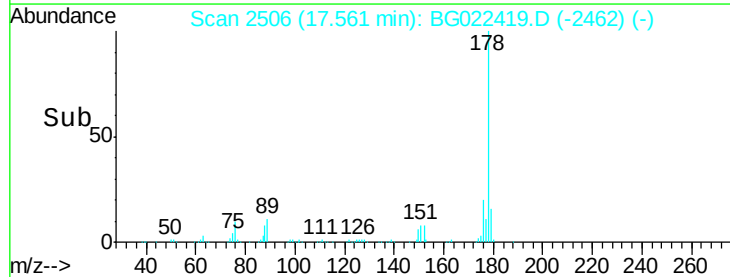
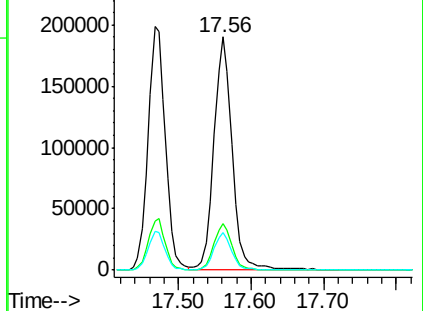
179 16.1 12.2 18.4

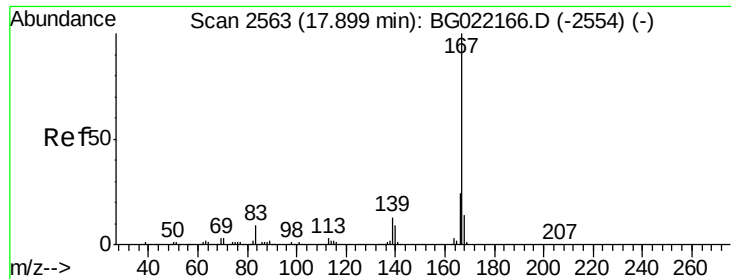


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

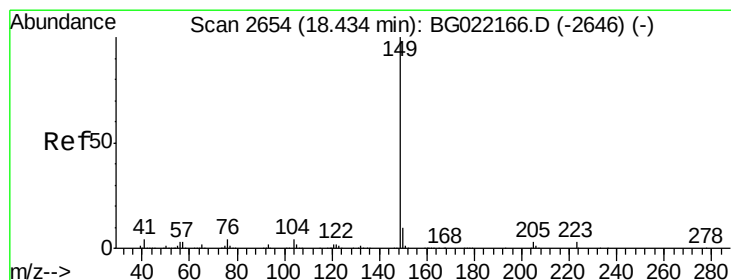
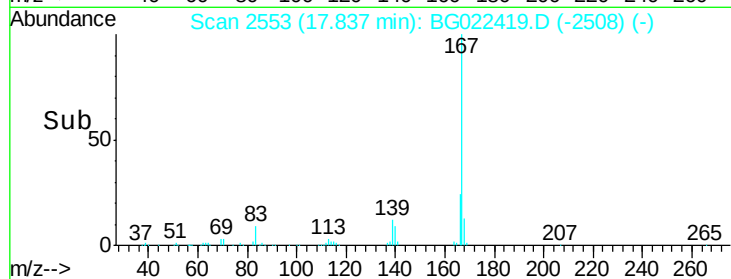
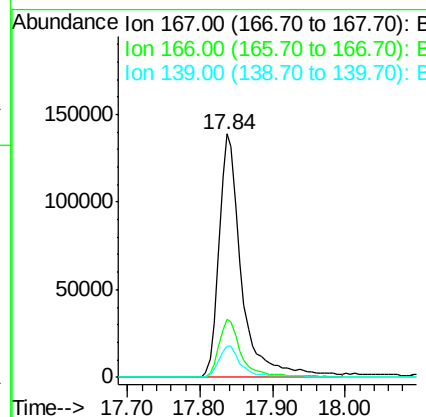
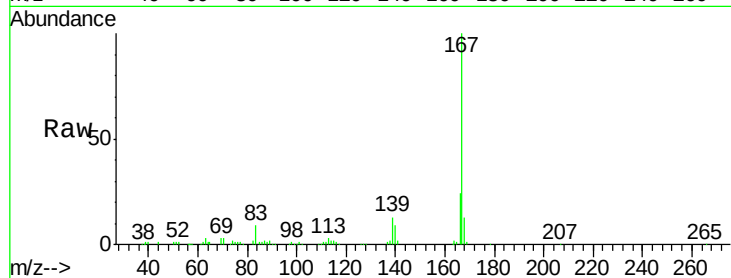




#72
 Carbazole
 Concen: 34.50 ng
 RT: 17.84 min Scan# 2553
 Delta R.T. -0.04 min
 Lab File: BG022419.D
 Acq: 18 Jun 2016 12:00

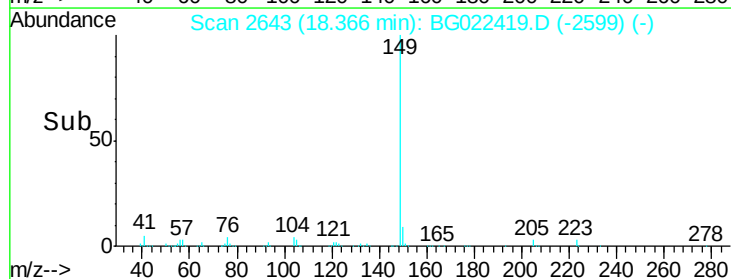
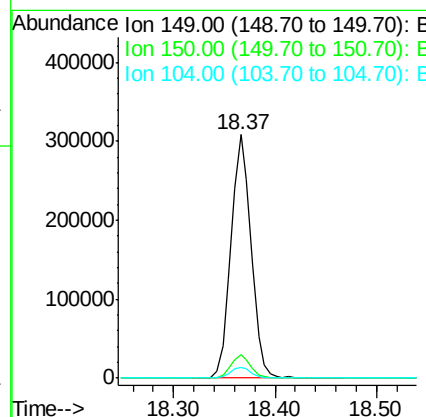
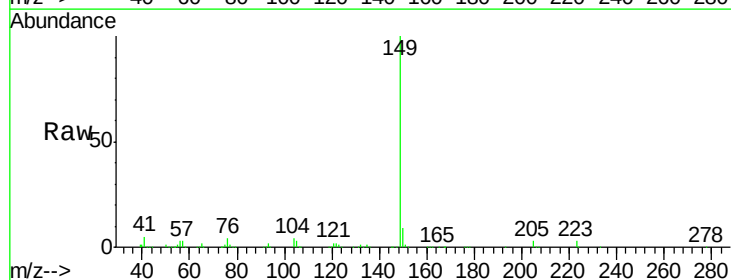
Instrument :
 BNA_G
 ClientSampleId :
 PB91233BS

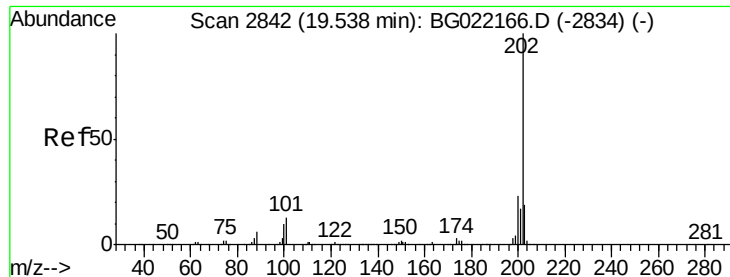
Tgt Ion:167 Resp: 300782
 Ion Ratio Lower Upper
 167 100
 166 23.6 18.6 27.8
 139 12.9 10.6 15.8



#73
 Di-n-butylphthalate
 Concen: 37.24 ng
 RT: 18.37 min Scan# 2643
 Delta R.T. -0.04 min
 Lab File: BG022419.D
 Acq: 18 Jun 2016 12:00

Tgt Ion:149 Resp: 424513
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.0
 104 4.4 4.0 6.0





#74

Fluoranthene

Concen: 34.76 ng

RT: 19.47 min Scan# 2831

Delta R.T. -0.04 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Instrument :

BNA_G

ClientSampleId :

PB91233BS

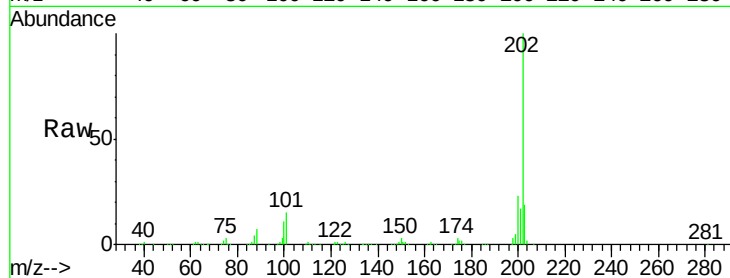
Tgt Ion:202 Resp: 370904

Ion Ratio Lower Upper

202 100

101 15.0 0.0 31.0

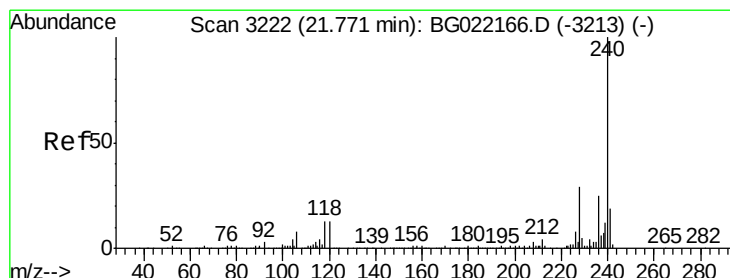
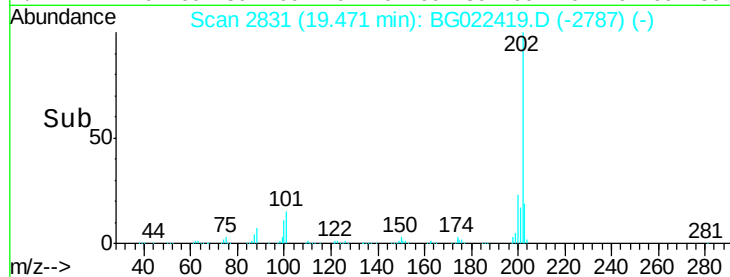
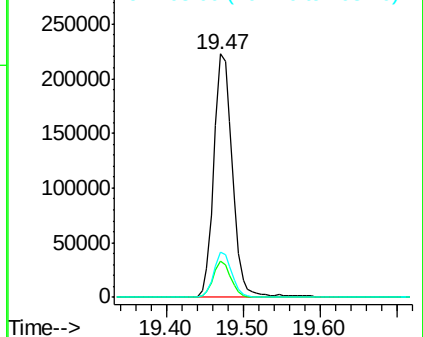
203 18.6 0.0 37.9



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.69 min Scan# 3209

Delta R.T. -0.05 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

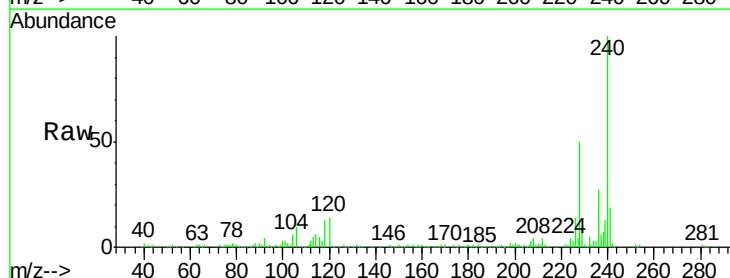
Tgt Ion:240 Resp: 152359

Ion Ratio Lower Upper

240 100

120 14.5 8.4 12.6#

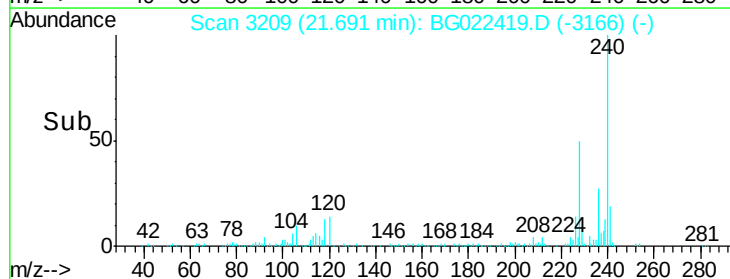
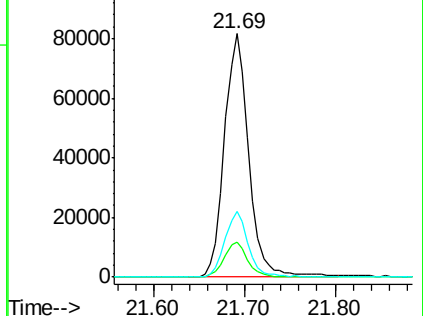
236 26.7 19.6 29.4

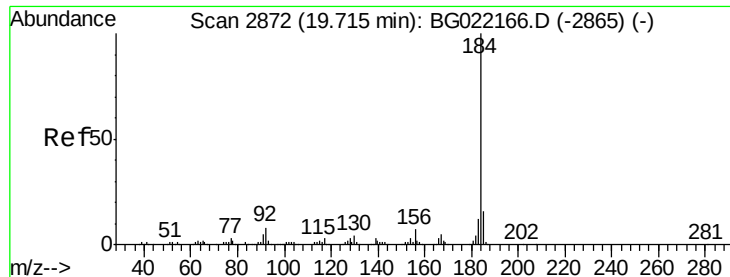


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 18.53 ng

RT: 19.67 min Scan# 2865

Delta R.T. -0.02 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Instrument :

BNA_G

ClientSampleId :

PB91233BS

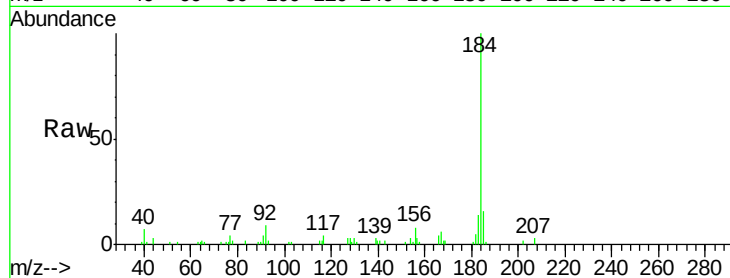
Tgt Ion:184 Resp: 73817

Ion Ratio Lower Upper

184 100

185 15.9 11.5 17.3

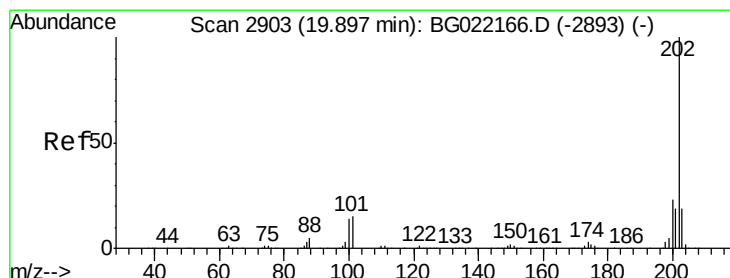
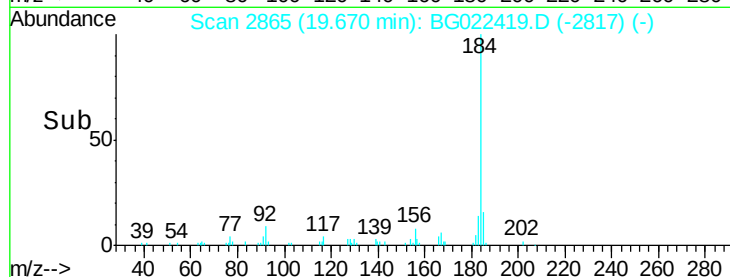
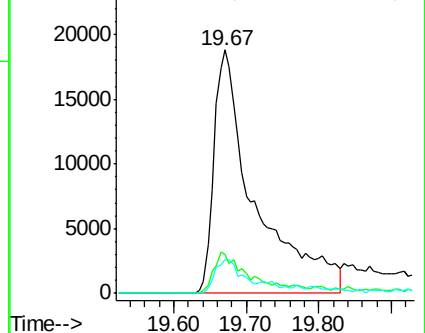
183 13.7 10.2 15.4



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



#77

Pyrene

Concen: 38.76 ng

RT: 19.83 min Scan# 2893

Delta R.T. -0.04 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

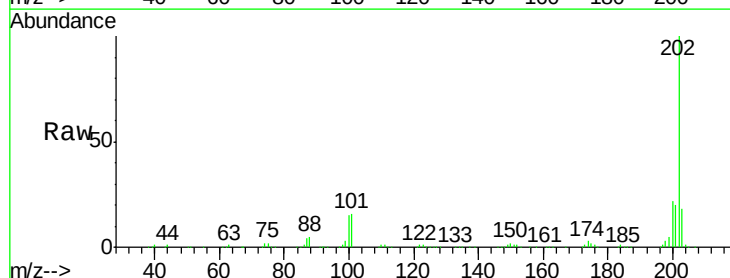
Tgt Ion:202 Resp: 367121

Ion Ratio Lower Upper

202 100

200 22.2 18.2 27.2

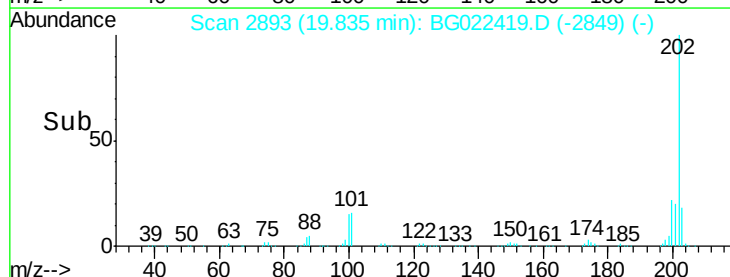
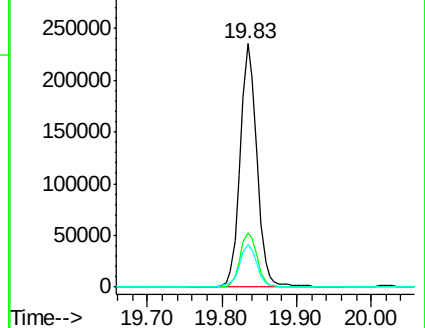
203 17.5 15.0 22.4

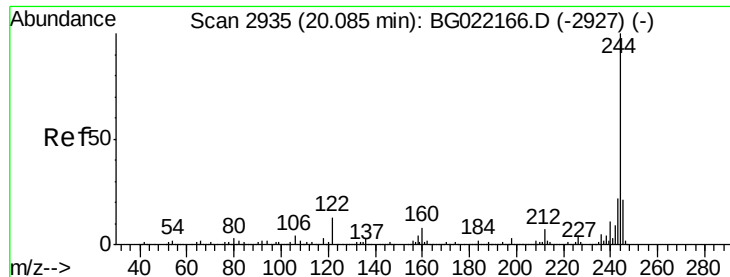


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 73.38 ng

RT: 20.02 min Scan# 2925

Delta R.T. -0.04 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Instrument :

BNA_G

ClientSampleId :

PB91233BS

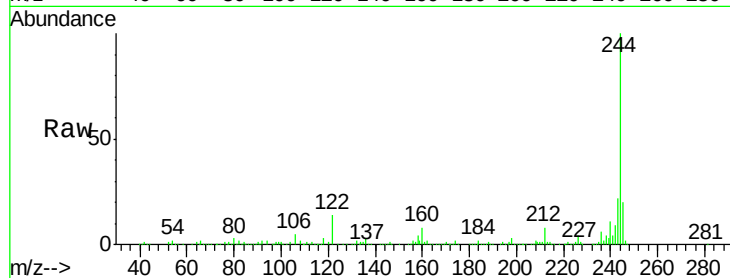
Tgt Ion:244 Resp: 470916

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

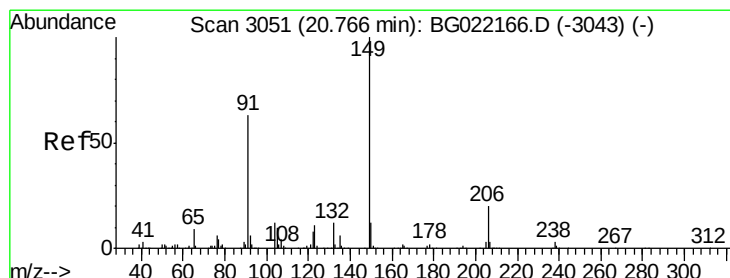
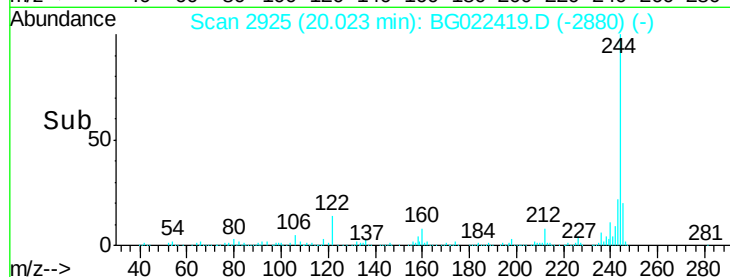
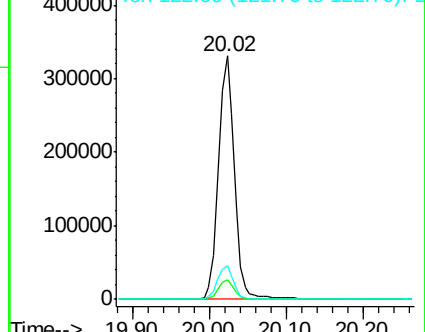
122 14.0 8.6 12.8#



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



#79

Butylbenzylphthalate

Concen: 41.64 ng

RT: 20.70 min Scan# 3040

Delta R.T. -0.04 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

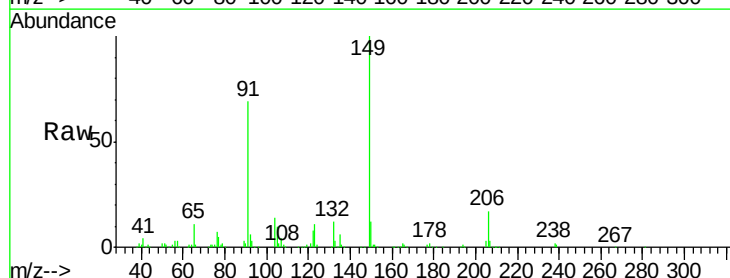
Tgt Ion:149 Resp: 182910

Ion Ratio Lower Upper

149 100

91 68.5 57.8 86.8

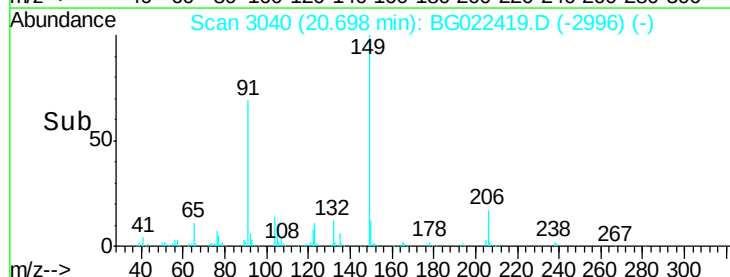
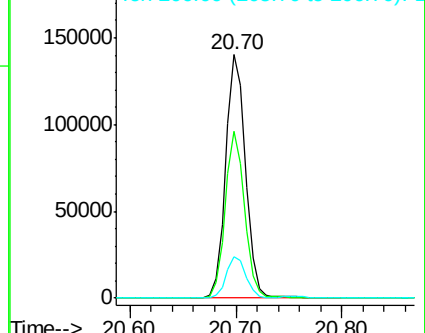
206 16.7 17.0 25.4#

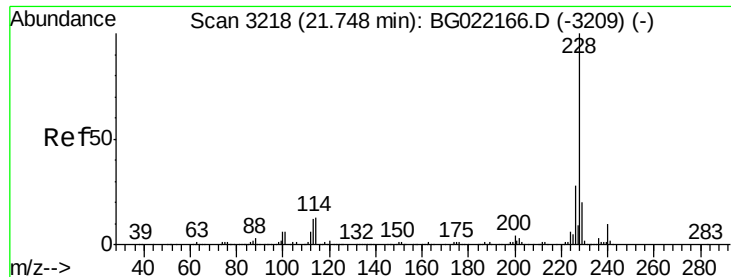


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 35.88 ng

RT: 21.67 min Scan# 3205

Delta R.T. -0.05 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Instrument :

BNA_G

ClientSampleId :

PB91233BS

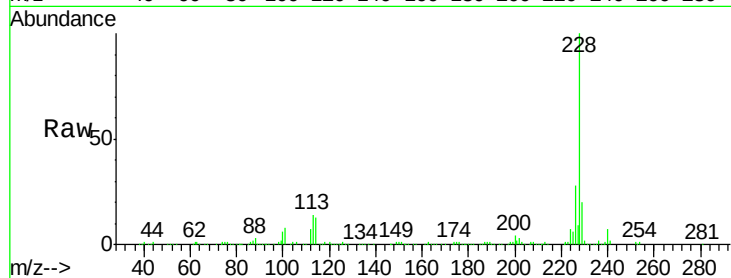
Tgt Ion:228 Resp: 306499

Ion Ratio Lower Upper

228 100

226 28.2 22.6 34.0

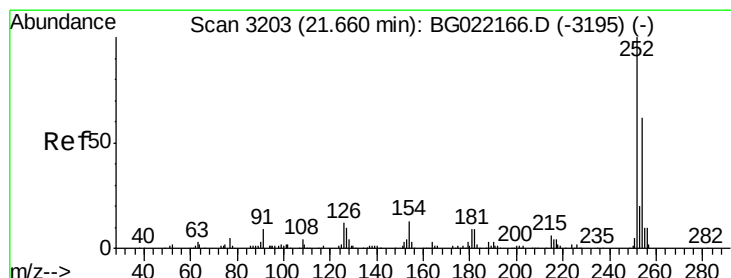
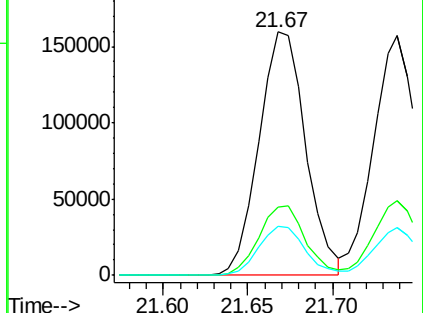
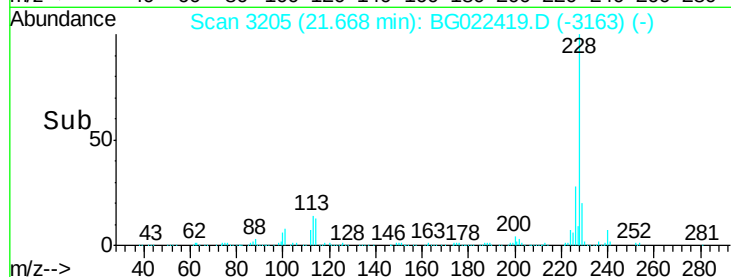
229 20.4 16.1 24.1



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



#81

3,3'-Dichlorobenzidine

Concen: 20.13 ng

RT: 21.59 min Scan# 3191

Delta R.T. -0.04 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

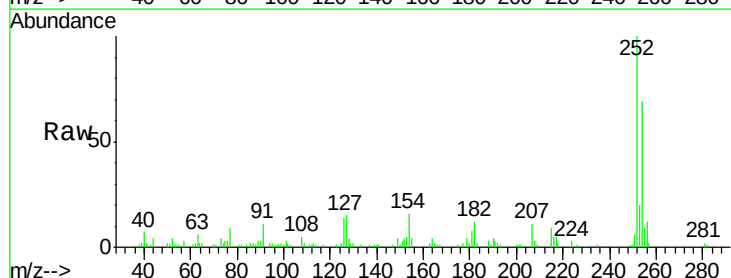
Tgt Ion:252 Resp: 48288

Ion Ratio Lower Upper

252 100

254 68.7 51.8 77.6

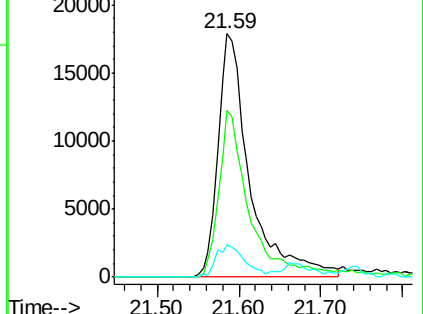
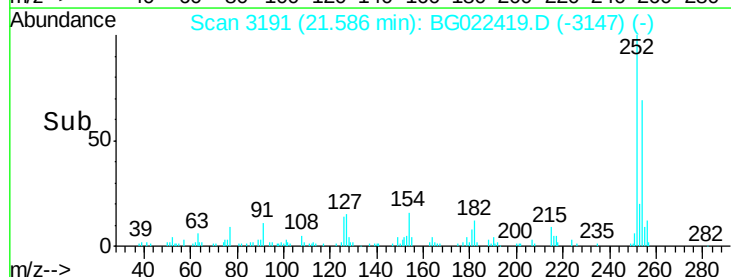
126 13.6 8.8 13.2#

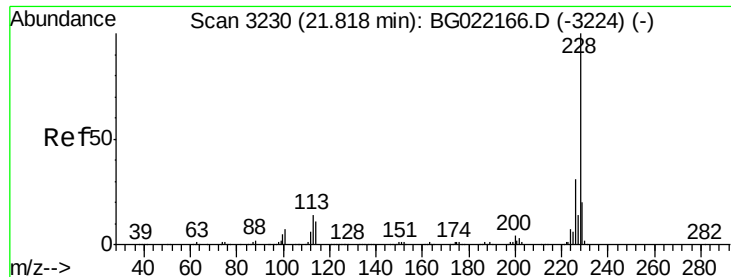


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 35.83 ng

RT: 21.74 min Scan# 3217

Delta R.T. -0.05 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Instrument :

BNA_G

ClientSampleId :

PB91233BS

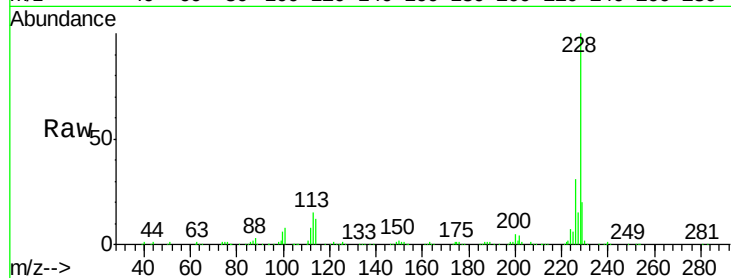
Tgt Ion:228 Resp: 297863

Ion Ratio Lower Upper

228 100

226 31.3 25.4 38.0

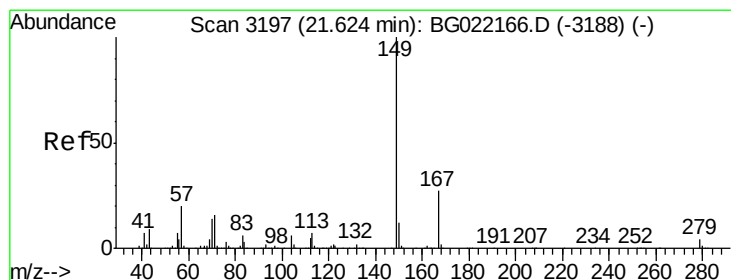
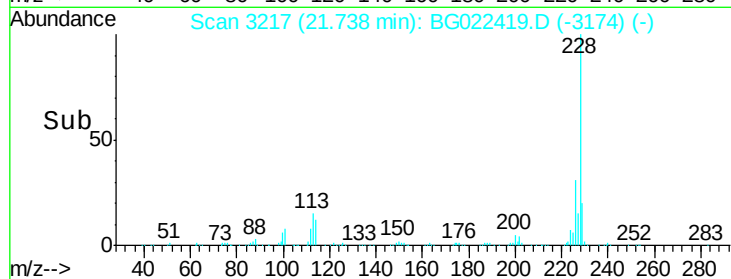
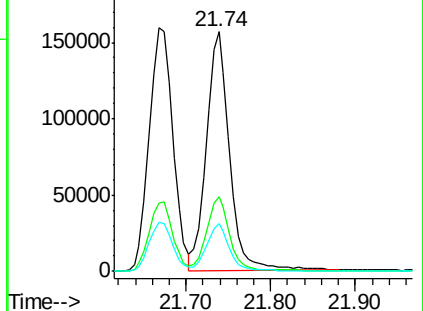
229 20.2 15.9 23.9



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 40.63 ng

RT: 21.54 min Scan# 3184

Delta R.T. -0.05 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

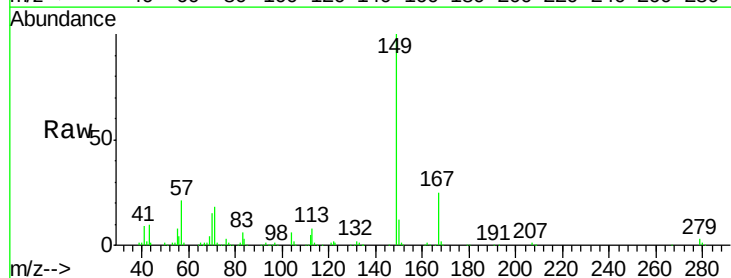
Tgt Ion:149 Resp: 262486

Ion Ratio Lower Upper

149 100

167 25.3 22.4 33.6

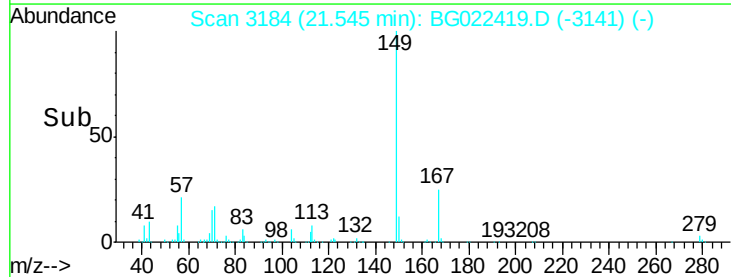
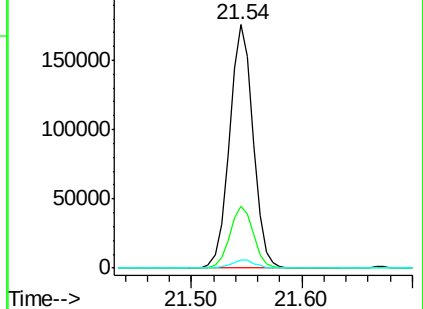
279 3.2 3.2 4.8#

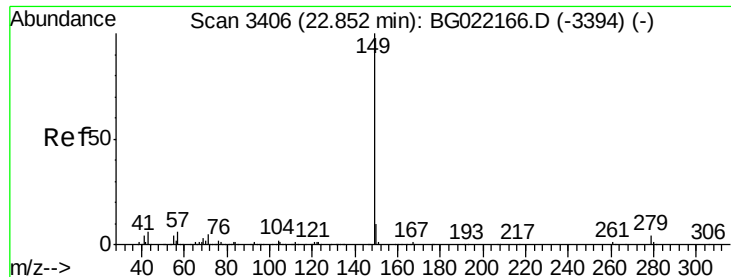


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 41.45 ng

RT: 22.75 min Scan# 3389

Delta R.T. -0.07 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

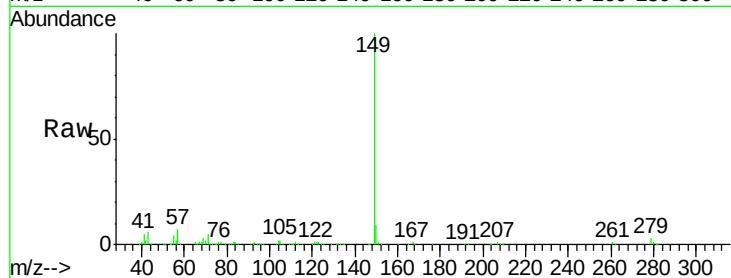
Instrument :

BNA_G

ClientSampleId :

PB91233BS

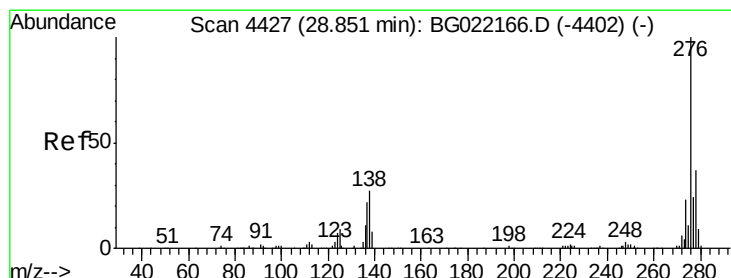
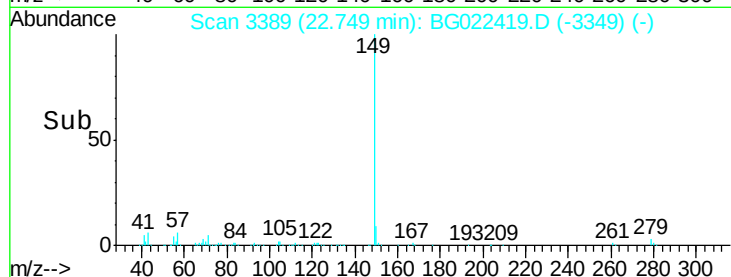
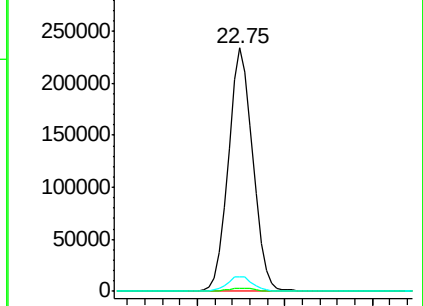
Tgt Ion:	149	Resp:	444559
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	6.6	9.8	14.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#85

Indeno(1,2,3-cd)pyrene

Concen: 34.45 ng

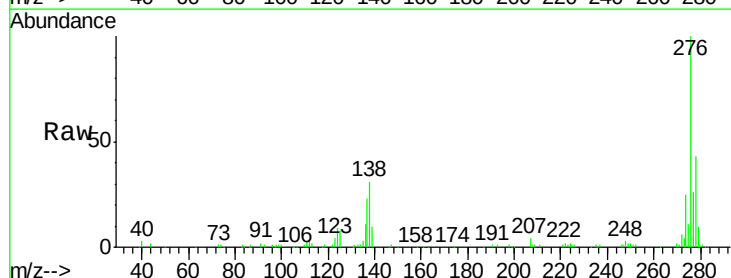
RT: 28.65 min Scan# 4393

Delta R.T. -0.12 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

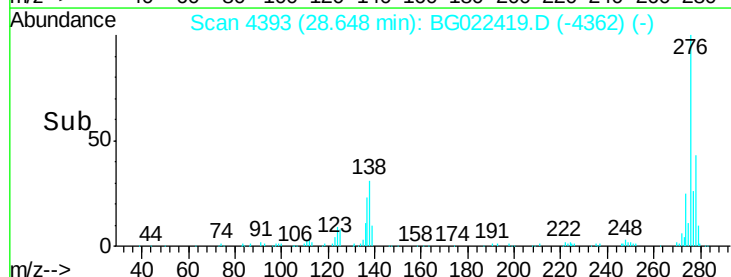
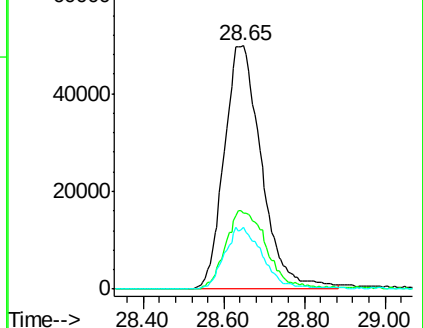
Tgt Ion:	276	Resp:	321276
Ion	Ratio	Lower	Upper
276	100		
138	35.0	14.0	21.0#
277	25.3	20.6	30.8

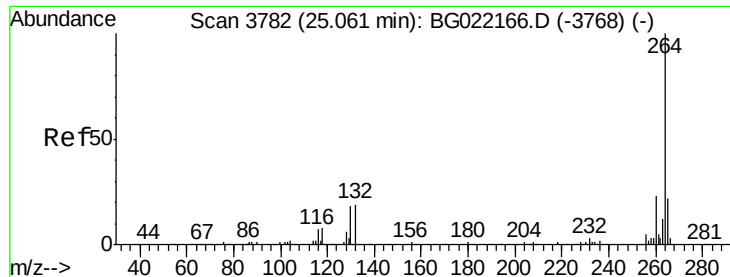


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 24.93 min Scan# 3760

Delta R.T. -0.08 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Instrument :

BNA_G

ClientSampleId :

PB91233BS

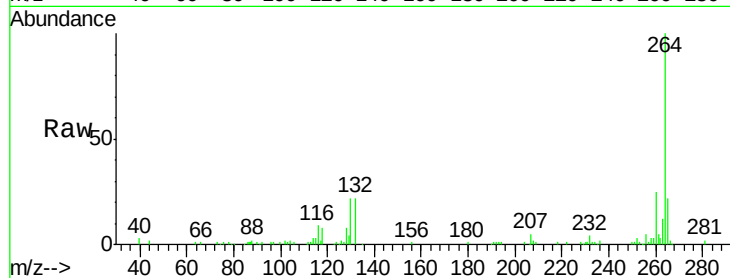
Tgt Ion:264 Resp: 137923

Ion Ratio Lower Upper

264 100

260 25.2 20.2 30.4

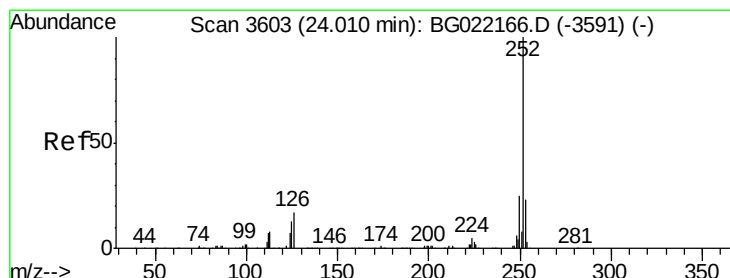
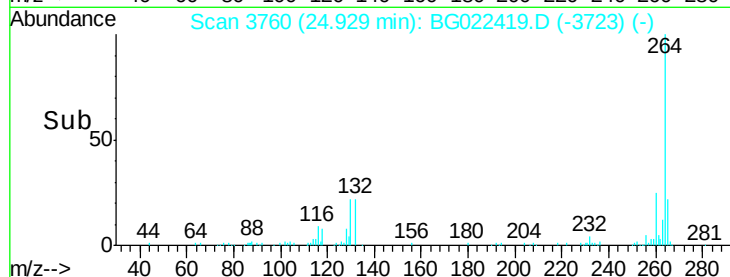
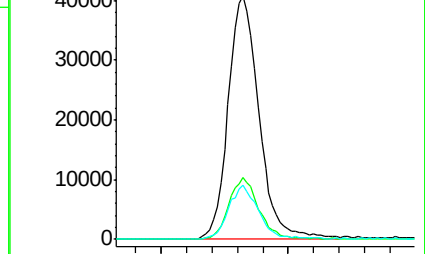
265 22.5 17.8 26.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 36.83 ng

RT: 23.89 min Scan# 3584

Delta R.T. -0.07 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

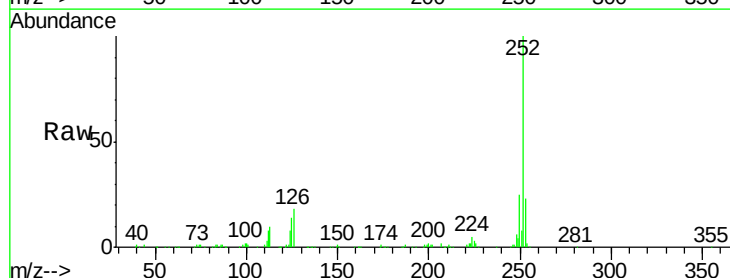
Tgt Ion:252 Resp: 296245

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

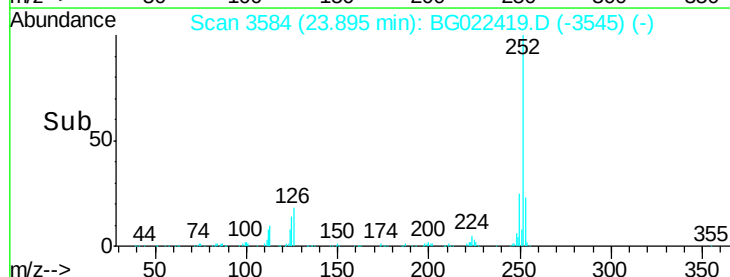
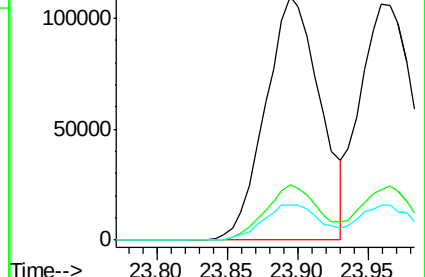
125 14.3 8.6 13.0#

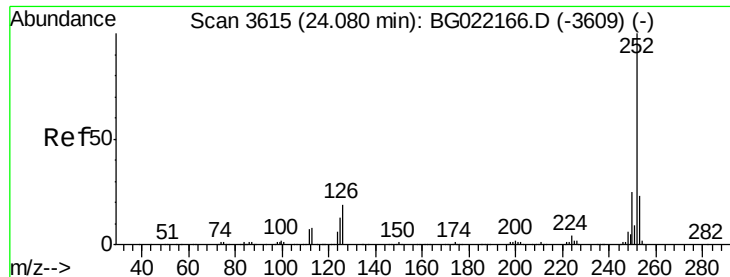


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 36.83 ng

RT: 23.96 min Scan# 3595

Delta R.T. -0.08 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

Instrument :

BNA_G

ClientSampleId :

PB91233BS

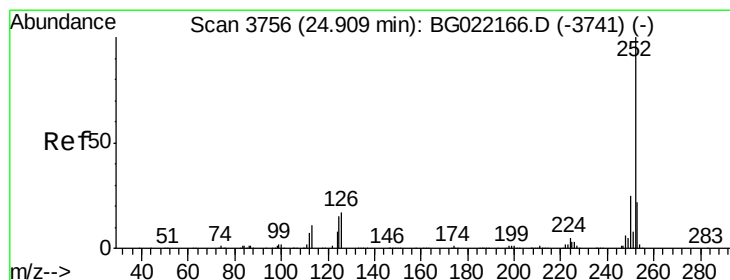
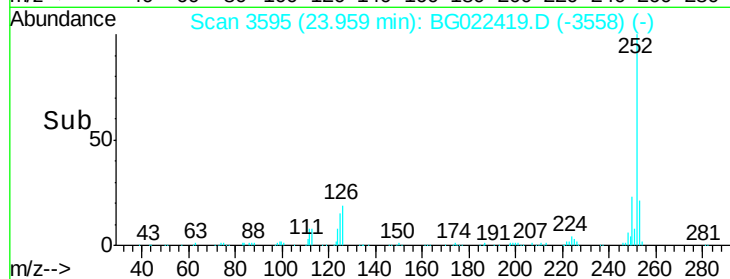
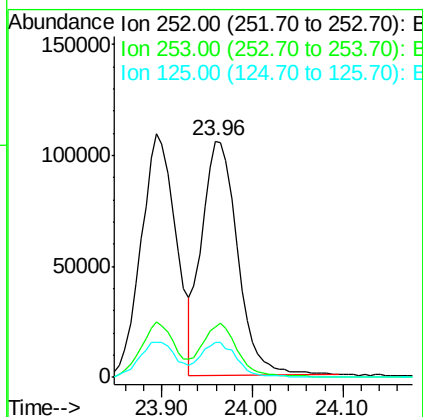
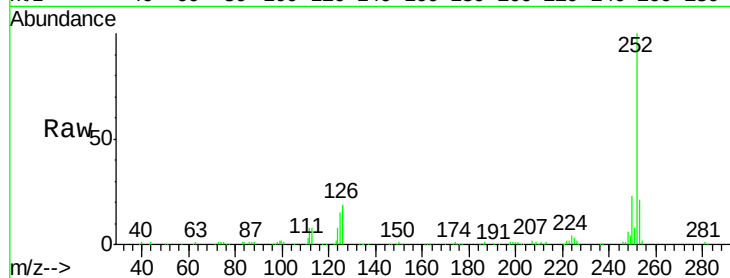
Tgt Ion:252 Resp: 291620

Ion Ratio Lower Upper

252 100

253 21.2 17.8 26.8

125 14.6 8.3 12.5#



#89

Benzo(a)pyrene

Concen: 38.17 ng

RT: 24.78 min Scan# 3734

Delta R.T. -0.08 min

Lab File: BG022419.D

Acq: 18 Jun 2016 12:00

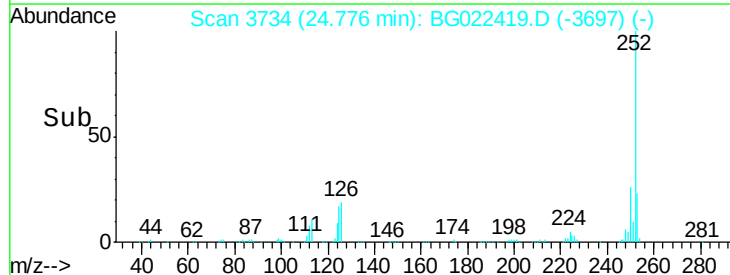
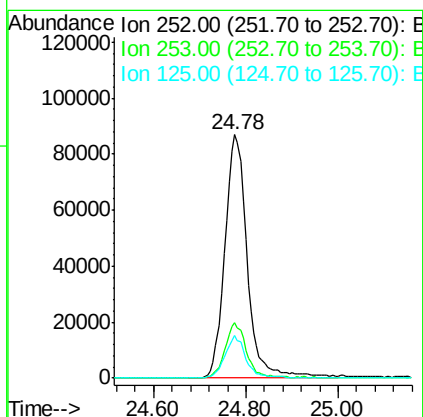
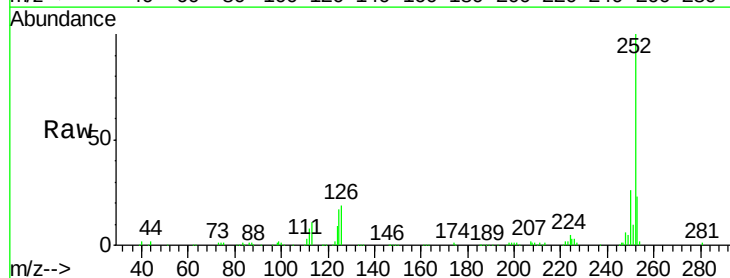
Tgt Ion:252 Resp: 293610

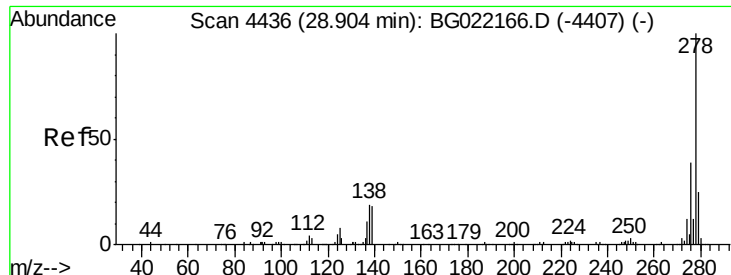
Ion Ratio Lower Upper

252 100

253 22.6 17.1 25.7

125 17.4 9.6 14.4#



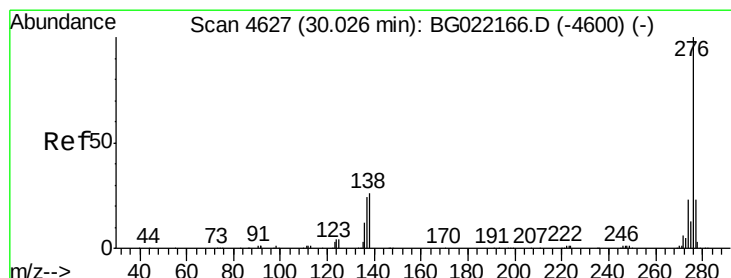
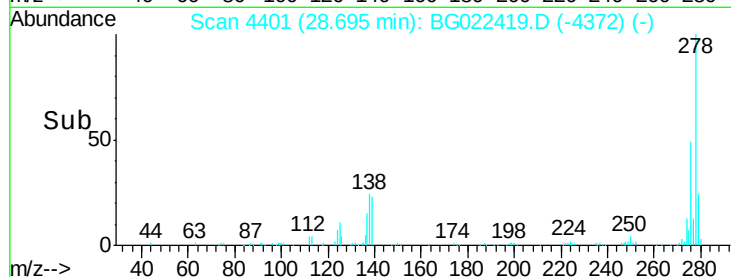
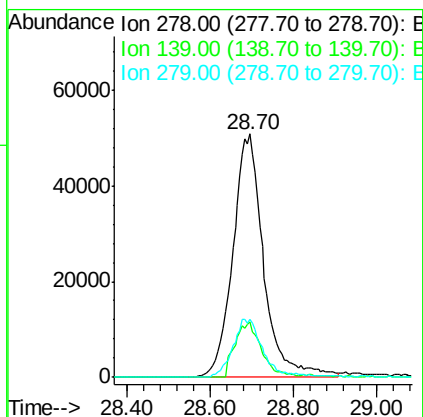
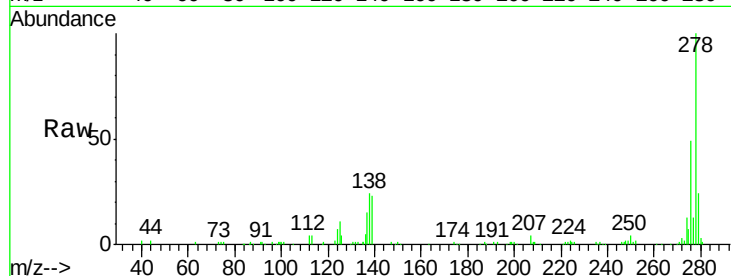


#90
Dibenzo(a,h)anthracene
Concen: 35.96 ng
RT: 28.70 min Scan# 4401
Delta R.T. -0.13 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Instrument :
BNA_G
ClientSampleId :
PB91233BS

Tgt Ion: 278 Resp: 260464

Ion	Ratio	Lower	Upper
278	100		
139	22.8	11.9	17.9#
279	24.0	18.2	27.2



#91
Benzo(g,h,i)perylene
Concen: 35.70 ng
RT: 29.80 min Scan# 4589
Delta R.T. -0.14 min
Lab File: BG022419.D
Acq: 18 Jun 2016 12:00

Tgt Ion: 276 Resp: 269038

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.4	29.2
138	29.5	17.4	26.0#

