

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091017\
 Data File : BG028624.D
 Acq On : 9 Sep 2017 20:56
 Operator : SJ/JU
 Sample : I5167-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 11 07:13:50 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG090717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 07 18:39:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	30750	20.00	ng	0.00
21) Naphthalene-d8	11.16	136	127444	20.00	ng	0.00
38) Acenaphthene-d10	14.95	164	92023	20.00	ng	0.00
63) Phenanthrene-d10	17.70	188	256408	20.00	ng	0.00
75) Chrysene-d12	22.03	240	305611	20.00	ng	-0.01
86) Perylene-d12	25.52	264	302979	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.91	112	128289	70.25	ng	0.00
7) Phenol-d6	7.49	99	109419	41.31	ng	0.00
23) Nitrobenzene-d5	9.51	82	245804	88.56	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	231722	165.67	ng	0.00
44) 2-Fluorobiphenyl	13.57	172	638127	90.72	ng	0.00
78) Terphenyl-d14	20.28	244	1301388	91.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.86	88	127	0.170	ng	# 10
3) Pyridine	4.09	79	55	0.024	ng	# 10
4) n-Nitrosodimethylamine	4.14	42	78	0.071	ng	# 1
6) Aniline	7.66	93	59	0.017	ng	# 38
9) Benzaldehyde	7.49	77	79	0.051	ng	# 10
10) Phenol	7.51	94	2997	1.044	ng	93
11) bis(2-Chloroethyl)ether	7.66	93	59	0.028	ng	# 11
14) 1,2-Dichlorobenzene	8.67	146	118	0.050	ng	# 1
15) Benzyl Alcohol	8.66	79	5023	2.392	ng	# 59
16) 2,2'-oxybis(1-Chloropropan	9.02	45	67	0.015	ng	74
17) 2-Methylphenol	8.66	107	67	0.036	ng	# 1
22) Acetophenone	9.21	105	92	0.026	ng	# 56
24) Nitrobenzene	9.50	77	608	0.207	ng	# 34
25) Isophorone	9.99	82	72	0.014	ng	# 67
30) 1,2,4-Trichlorobenzene	11.00	180	157	0.059	ng	# 12
34) Hexachlorobutadiene	11.25	225	57	0.030	ng	# 19
35) Caprolactam	12.07	113	57050	69.902	ng	94
45) 1,1'-Biphenyl	13.78	154	645	0.083	ng	75
46) 2-Chloronaphthalene	13.57	162	58	0.010	ng	# 1
48) Acenaphthylene	14.43	152	54	0.006	ng	# 58
49) Dimethylphthalate	14.39	163	3829	0.505	ng	# 85
51) Acenaphthene	14.94	154	404	0.073	ng	# 6
58) 2,3,4,6-Tetrachlorophenol	15.52	232	81	0.040	ng	# 39
59) Diethylphthalate	15.73	149	5313	0.669	ng	# 95
61) 4-Nitroaniline	15.94	138	62	0.034	ng	# 1
62) Azobenzene	16.26	77	80	0.011	ng	# 48
64) 4,6-Dinitro-2-methylphenol	16.19	198	54	0.030	ng	# 36
65) n-Nitrosodiphenylamine	16.43	169	7841	1.036	ng	# 50
69) Pentachlorophenol	17.37	266	79	0.046	ng	# 20
70) Phenanthrene	17.73	178	304	0.022	ng	# 56
71) Anthracene	17.82	178	69	0.005	ng	# 58
72) Carbazole	17.97	167	70	0.006	ng	# 1
73) Di-n-butylphthalate	18.62	149	2894	0.192	ng	# 84
74) Fluoranthene	19.75	202	58	0.003	ng	# 61

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

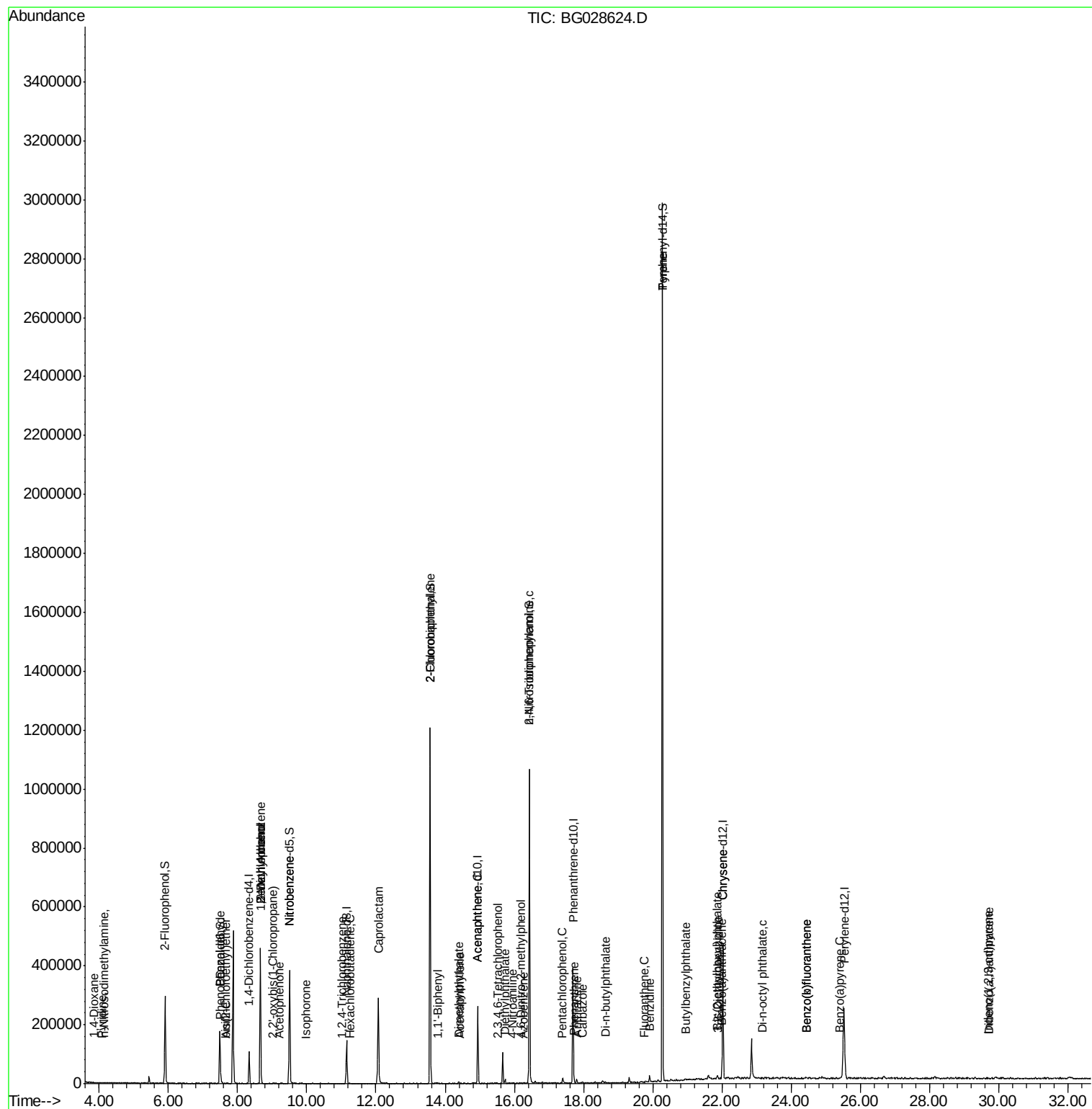
76) Benzidine	19.91	184	15516	2.499	nq	98
77) Pyrene	20.28	202	4787	0.264	nq	# 64
79) Butylbenzylphthalate	20.96	149	474	0.068	nq	# 59
80) Benzo(a)anthracene	21.99	228	72	0.004	nq	# 47
81) 3,3'-Dichlorobenzidine	21.89	252	58	0.008	nq	# 1
82) Chrysene	22.03	228	869	0.050	nq	# 48
83) Bis(2-ethylhexyl)phthalate	21.86	149	5226	0.517	nq	# 78
84) Di-n-octyl phthalate	23.17	149	214	0.012	nq	# 68
85) Indeno(1,2,3-cd)pyrene	29.69	276	86	0.004	nq	# 55
87) Benzo(b)fluoranthene	24.46	252	54	0.003	nq	# 58
88) Benzo(k)fluoranthene	24.46	252	54	0.003	nq	# 56
89) Benzo(a)pyrene	25.41	252	62	0.003	nq	# 8
90) Dibenzo(a,h)anthracene	29.72	278	62	0.003	nq	# 58

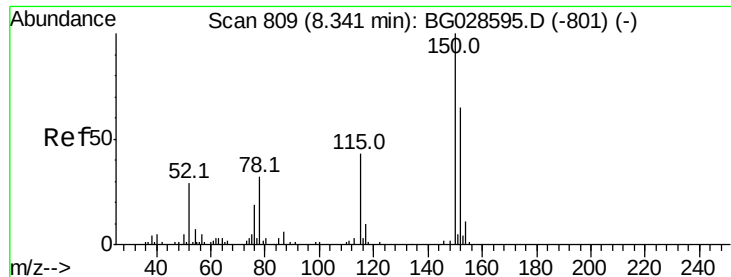
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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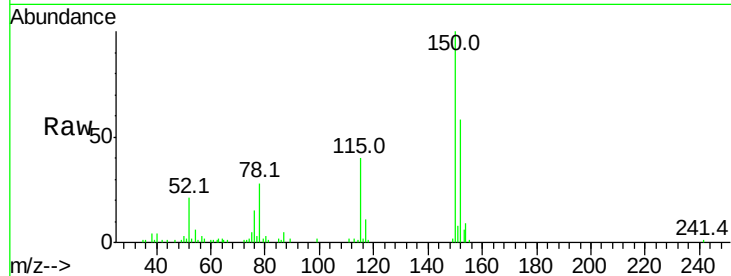


#1

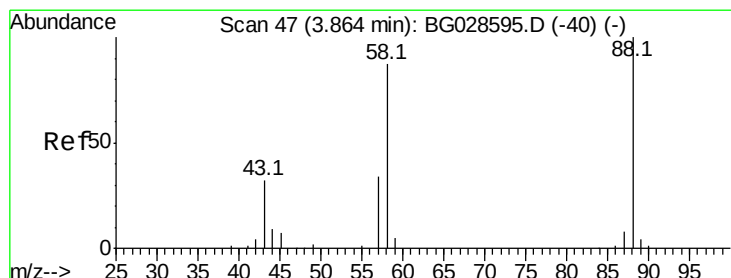
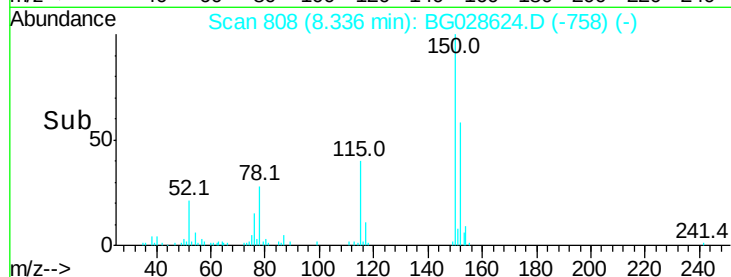
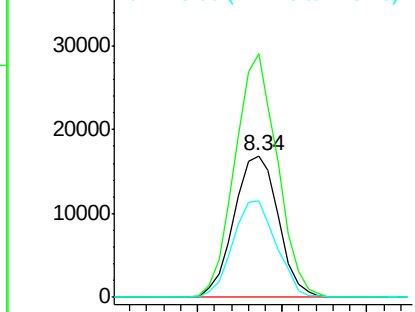
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.34 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG028624.D
Acq: 9 Sep 2017 20:56

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 30750
Ion Ratio Lower Upper
152 100
150 171.7 114.0 171.0#
115 68.3 48.1 72.1



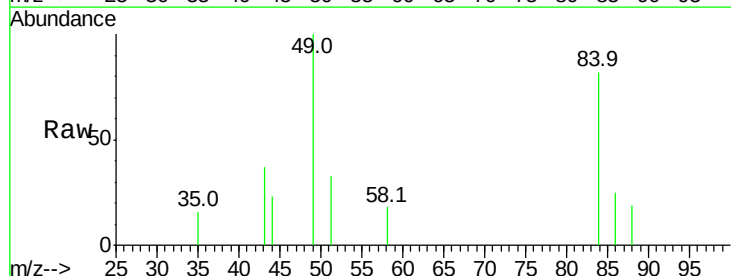
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



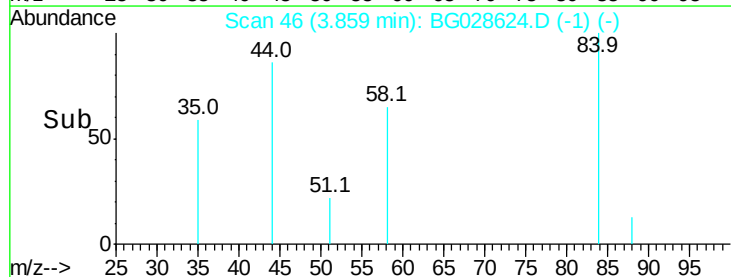
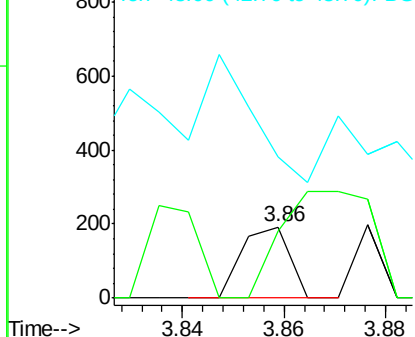
#2

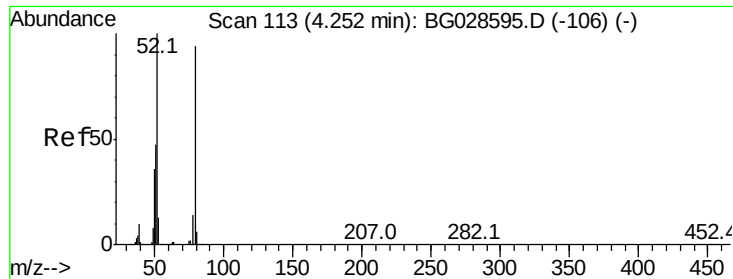
1,4-Dioxane
Concen: 0.170 ng
RT: 3.86 min Scan# 46
Delta R.T. -0.01 min
Lab File: BG028624.D
Acq: 9 Sep 2017 20:56

Tgt Ion: 88 Resp: 127
Ion Ratio Lower Upper
88 100
58 0.0 79.4 119.2#
43 0.0 33.8 50.6#



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

Pvridine

Concen: 0.024 ng

RT: 4.09 min Scan# 85

Delta R.T. -0.16 min

Lab File: BG028624.D

Acq: 9 Sep 2017 20:56

Instrument :

BNA_G

ClientSampleId :

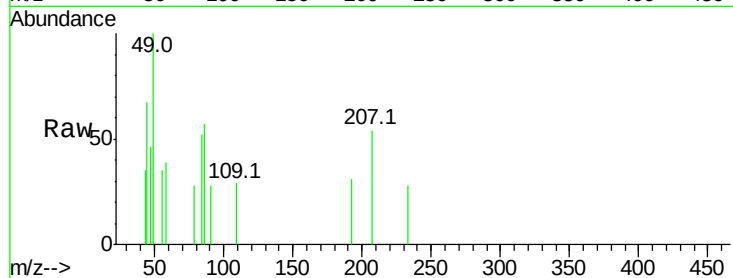
Tot Ion: 79 Resp: 55

Ion Ratio Lower Upper

79 100

52 0.0 77.8 116.6#

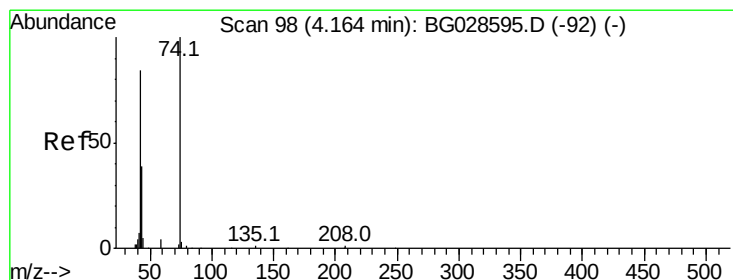
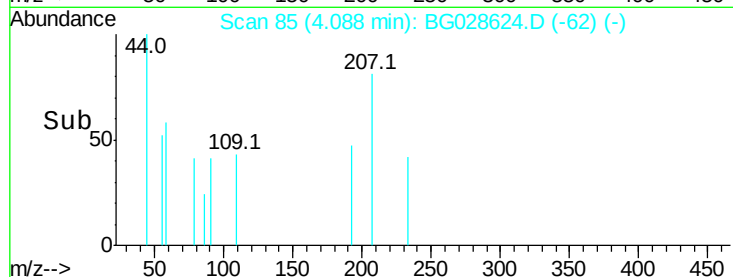
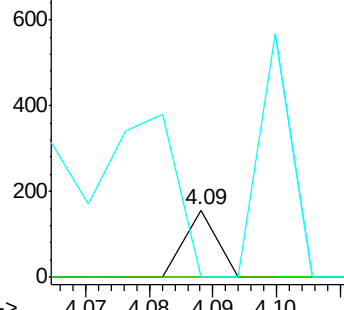
51 0.0 43.2 64.8#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 0.071 ng

RT: 4.14 min Scan# 94

Delta R.T. -0.02 min

Lab File: BG028624.D

Acq: 9 Sep 2017 20:56

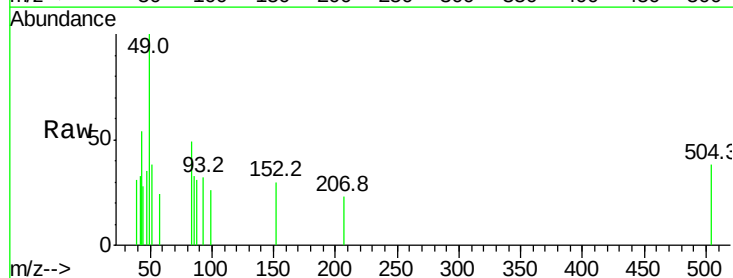
Tgt Ion: 42 Resp: 78

Ion Ratio Lower Upper

42 100

74 0.0 76.7 115.1#

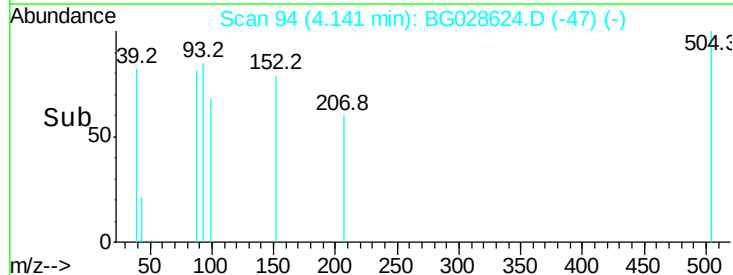
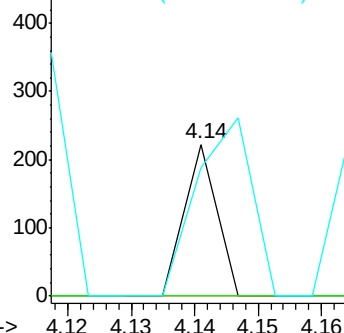
44 84.7 6.1 9.1#

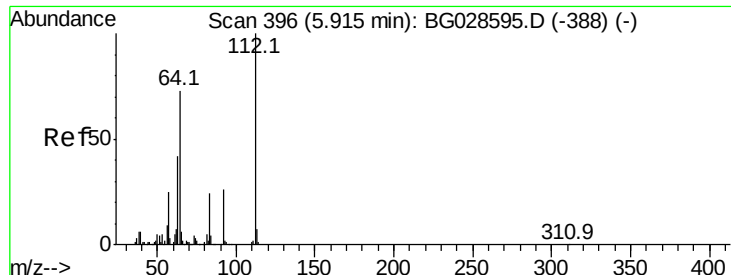


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 70.245 ng

RT: 5.91 min Scan# 395

Delta R.T. -0.00 min

Lab File: BG028624.D

Acq: 9 Sep 2017 20:56

Instrument :

BNA_G

ClientSampleId :

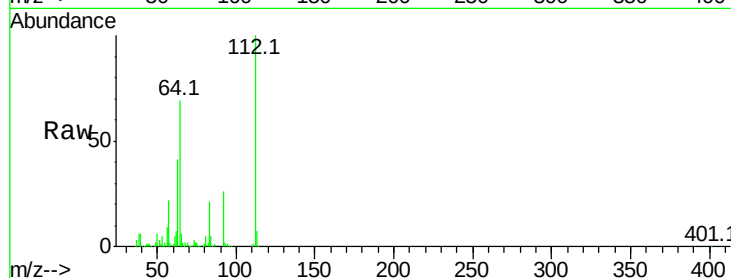
Tot Ion:112 Resp: 128289

Ion Ratio Lower Upper

112 100

64 68.8 61.8 92.6

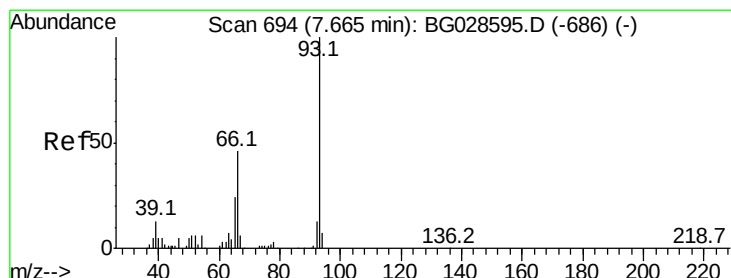
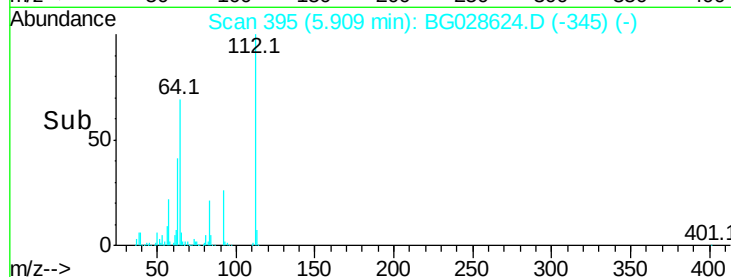
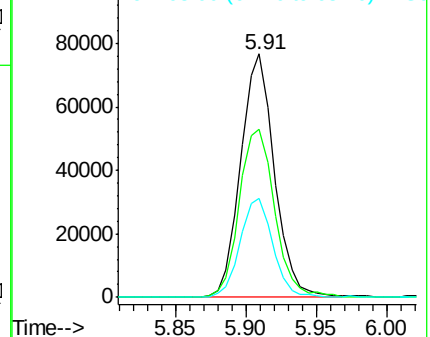
63 40.6 37.2 55.8



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: 0.017 ng

RT: 7.66 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG028624.D

Acq: 9 Sep 2017 20:56

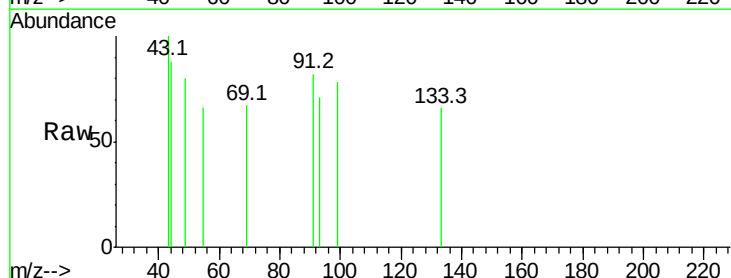
Tgt Ion: 93 Resp: 59

Ion Ratio Lower Upper

93 100

66 0.0 35.4 53.2#

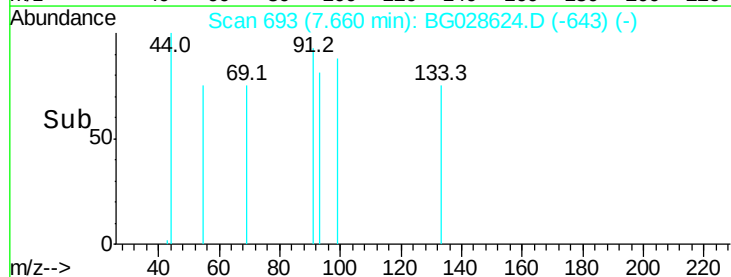
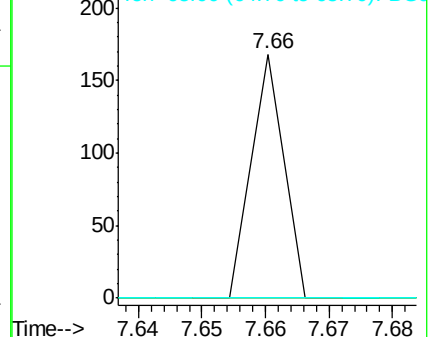
65 0.0 21.2 31.8#

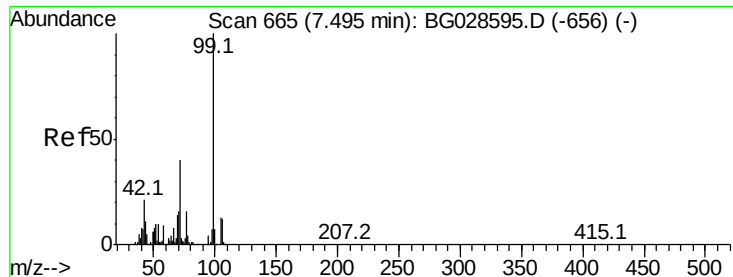


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 41.306 ng

RT: 7.49 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG028624.D

Acq: 9 Sep 2017 20:56

Instrument :

BNA_G

ClientSampleId :

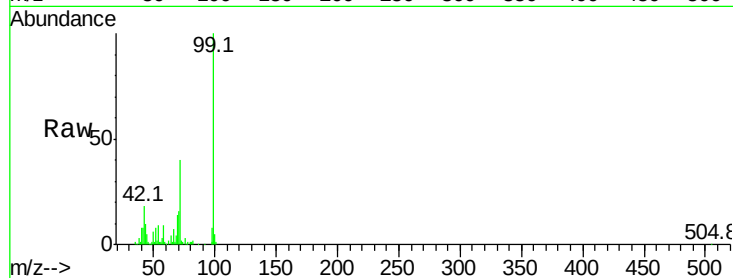
Tot Ion: 99 Resp: 109419

Ion Ratio Lower Upper

99 100

42 18.4 20.5 30.7#

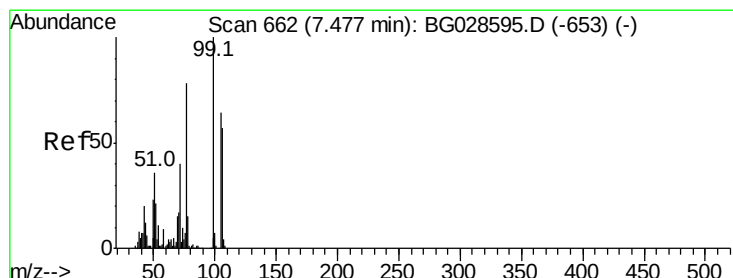
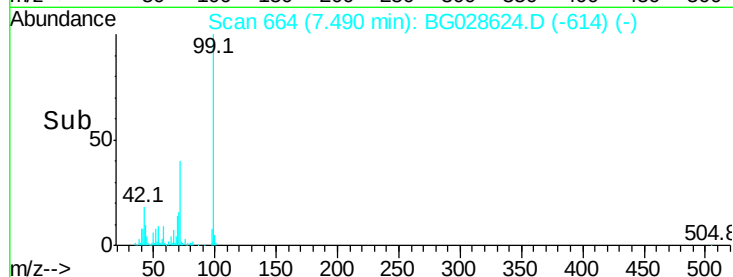
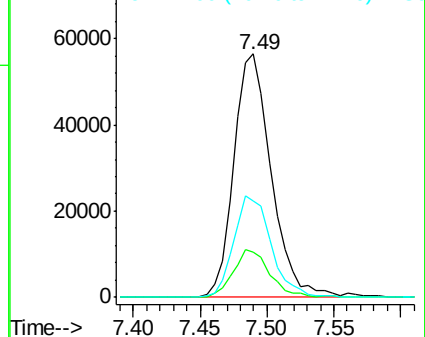
71 39.5 37.6 56.4



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



#9

Benzaldehyde

Concen: 0.051 ng

RT: 7.49 min Scan# 664

Delta R.T. 0.01 min

Lab File: BG028624.D

Acq: 9 Sep 2017 20:56

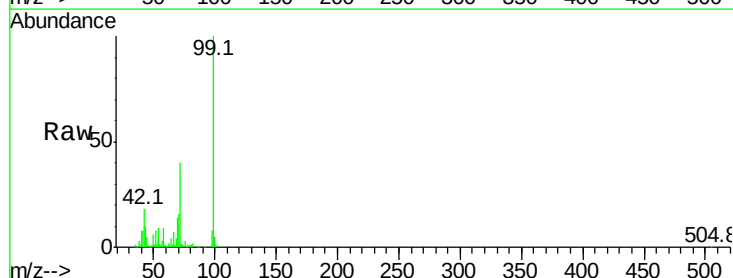
Tgt Ion: 77 Resp: 79

Ion Ratio Lower Upper

77 100

105 0.0 60.9 100.9#

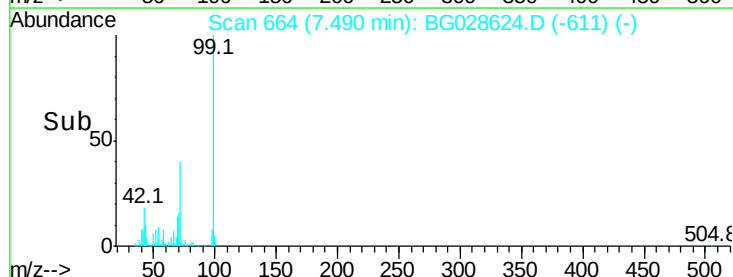
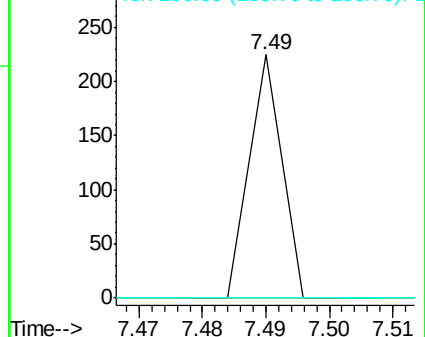
106 0.0 55.1 95.1#

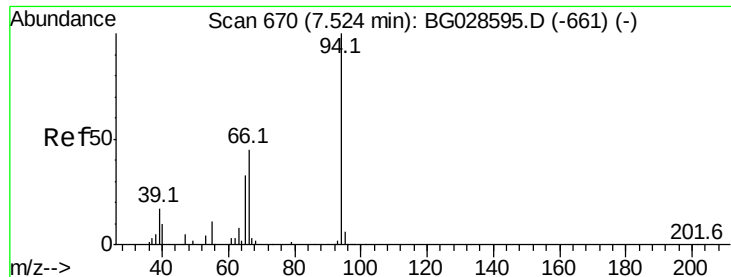


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#10

Phenol

Concen: 1.044 ng

RT: 7.51 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG028624.D

Acq: 9 Sep 2017 20:56

Instrument :

BNA_G

ClientSampled :

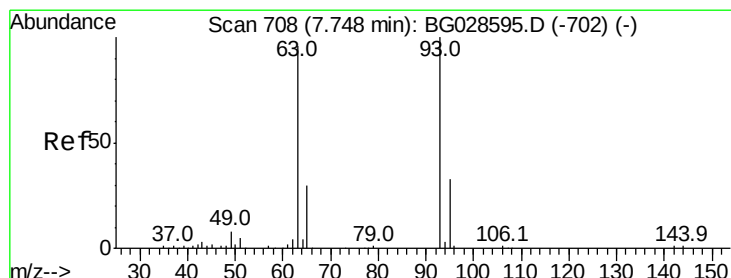
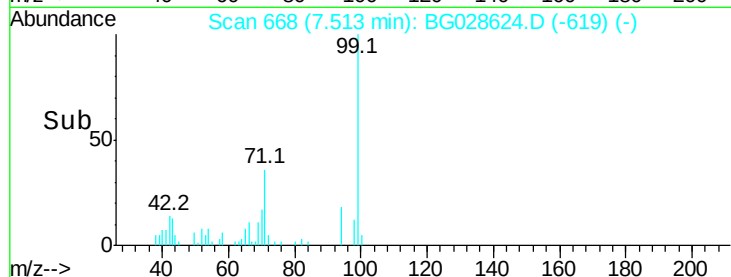
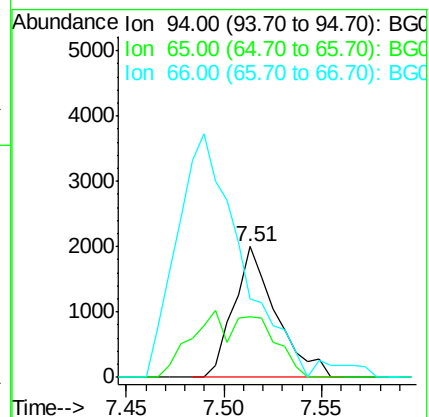
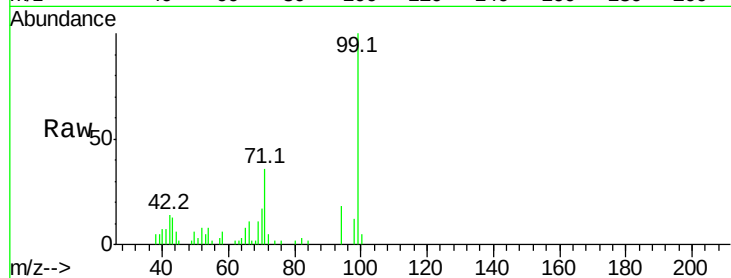
Tot Ion: 94 Resp: 2997

Ion Ratio Lower Upper

94 100

65 46.0 20.6 60.6

66 60.0 35.5 75.5



#11

bis(2-Chloroethyl)ether

Concen: 0.028 ng

RT: 7.66 min Scan# 693

Delta R.T. -0.09 min

Lab File: BG028624.D

Acq: 9 Sep 2017 20:56

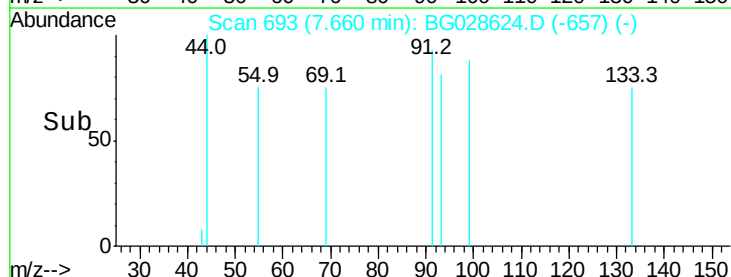
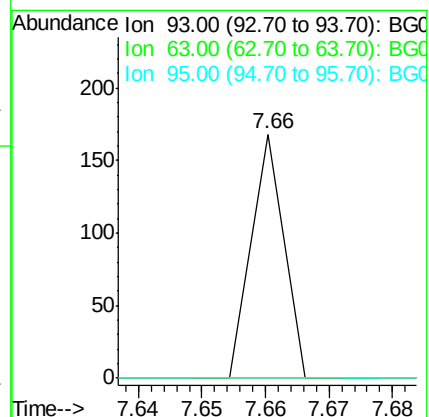
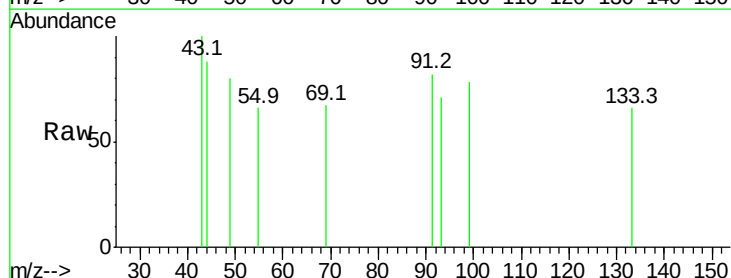
Tgt Ion: 93 Resp: 59

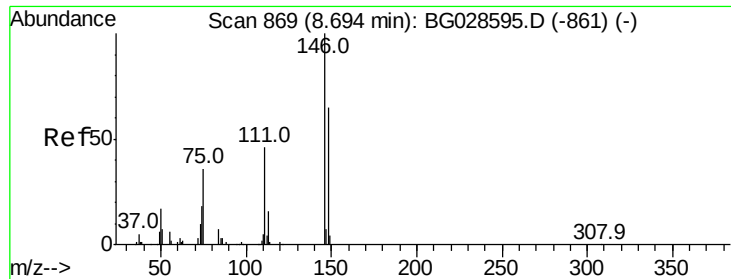
Ion Ratio Lower Upper

93 100

63 0.0 78.5 118.5#

95 0.0 9.8 49.8#





#14

1,2-Dichlorobenzene

Concen: 0.050 ng

RT: 8.67 min Scan# 865

Delta R.T. -0.02 min

Lab File: BG028624.D

Acq: 9 Sep 2017 20:56

Instrument :

BNA_G

ClientSampleId :

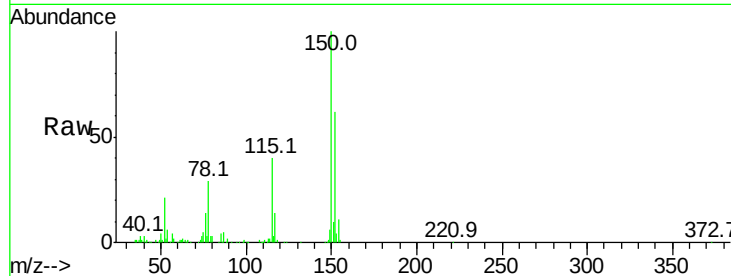
Tot Ion:146 Resp: 118

Ion Ratio Lower Upper

146 100

148 471.4 54.6 81.8#

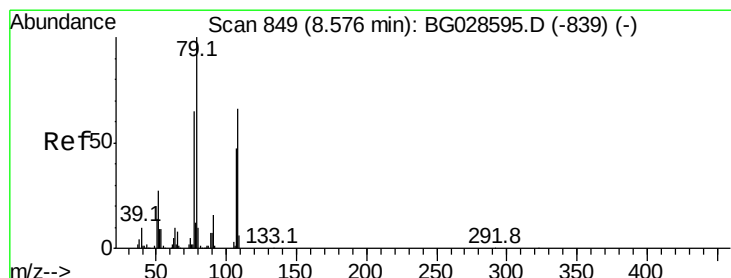
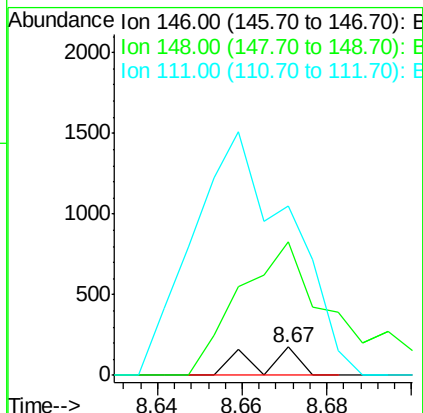
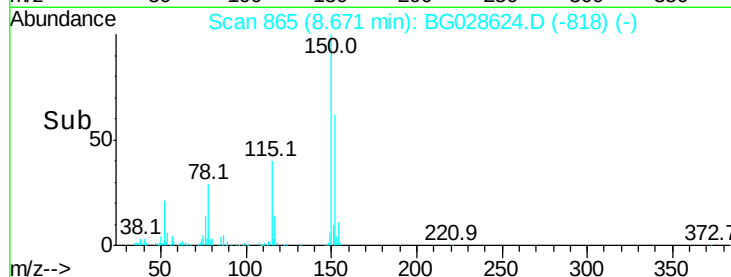
111 600.0 39.7 59.5#



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: 2.392 ng

RT: 8.66 min Scan# 863

Delta R.T. 0.08 min

Lab File: BG028624.D

Acq: 9 Sep 2017 20:56

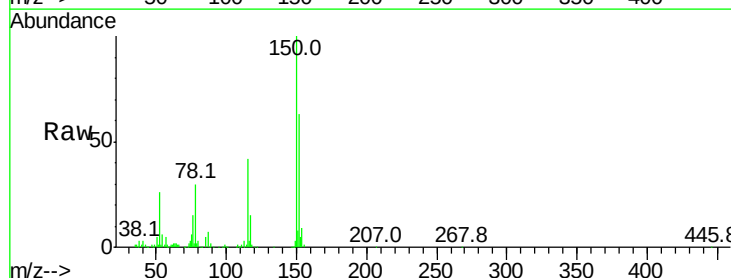
Tgt Ion: 79 Resp: 5023

Ion Ratio Lower Upper

79 100

108 32.5 45.5 68.3#

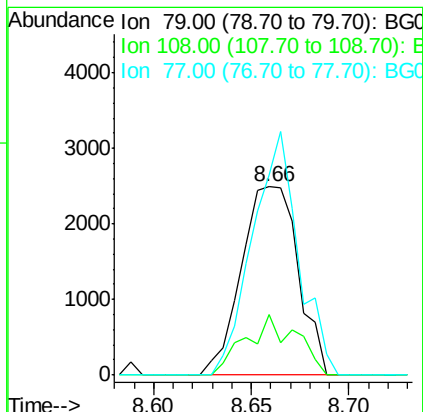
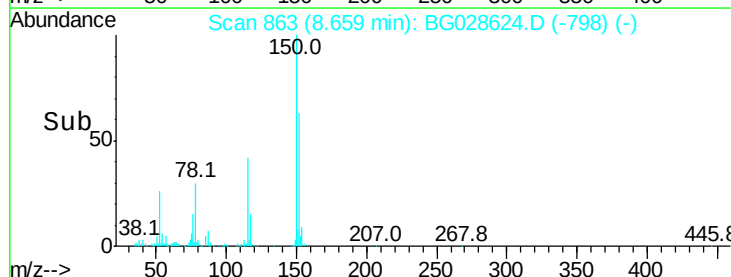
77 106.5 54.3 81.5#

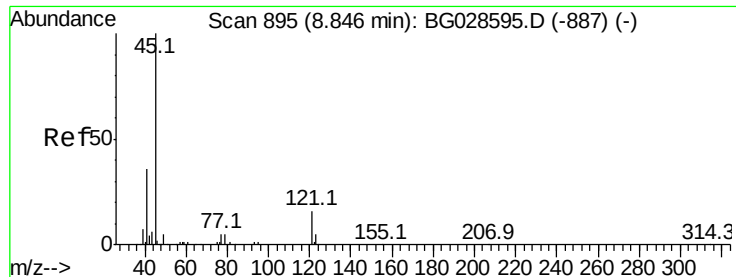


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC





#16

2,2'-oxvbis(1-Chloropropane)

Concen: 0.015 ng

RT: 9.02 min Scan# 925

Delta R.T. 0.18 min

Lab File: BG028624.D

Acq: 9 Sep 2017 20:56

Instrument :

BNA_G

ClientSampleId :

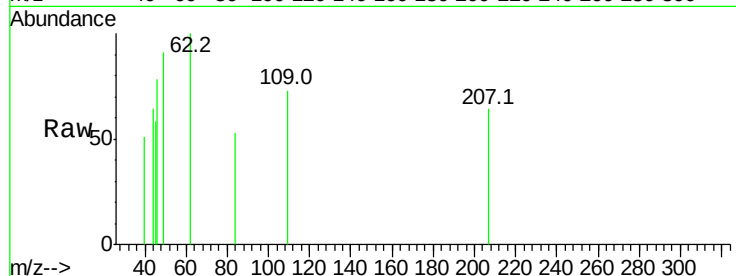
Tot Ion: 45 Resp: 67

Ion Ratio Lower Upper

45 100

77 0.0 0.0 30.6

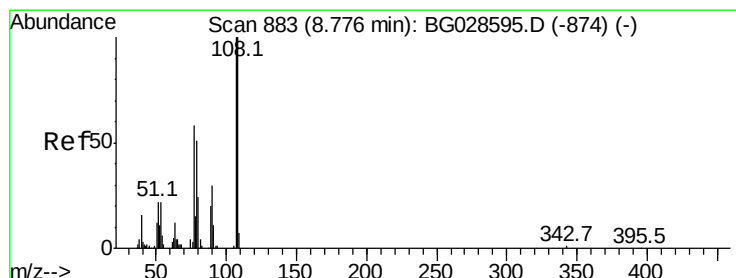
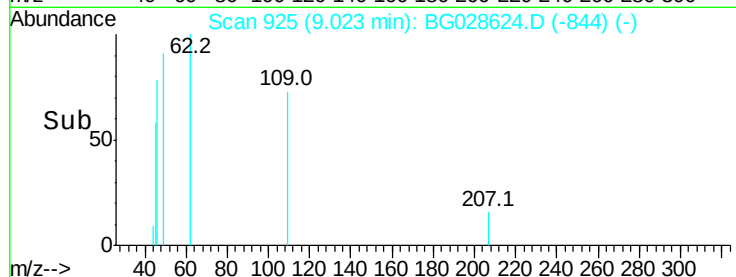
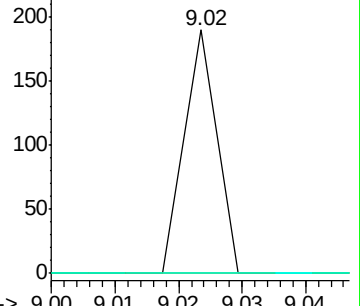
79 0.0 0.0 28.5



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: 0.036 ng

RT: 8.66 min Scan# 863

Delta R.T. -0.12 min

Lab File: BG028624.D

Acq: 9 Sep 2017 20:56

Tgt Ion: 107 Resp: 67

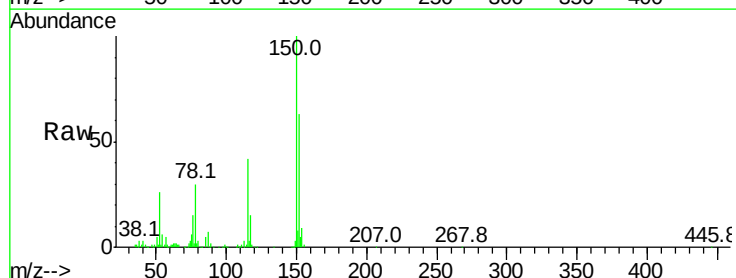
Ion Ratio Lower Upper

107 100

108 425.8 85.6 128.4#

77 1395.8 51.4 77.2#

79 1310.0 49.2 73.8#

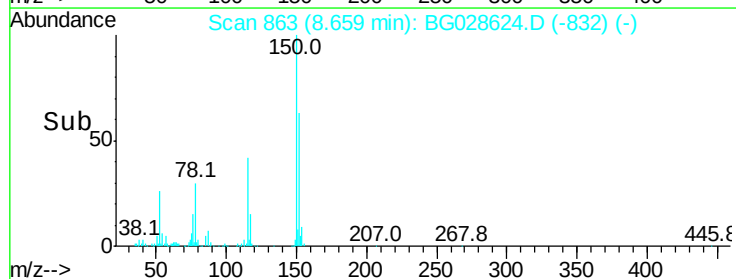
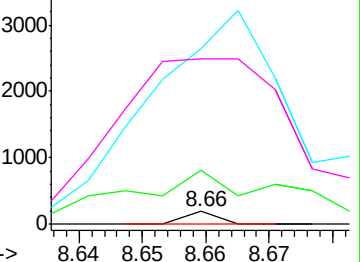


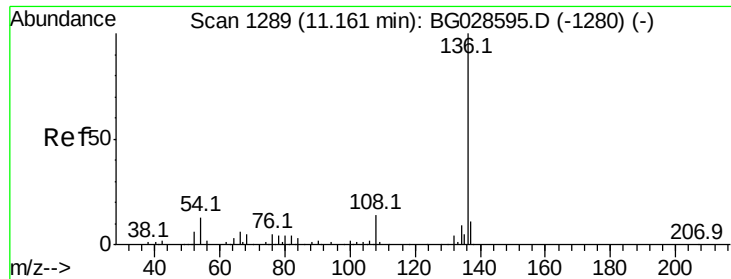
Abundance Ion 107.00 (106.70 to 107.70): BGC

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

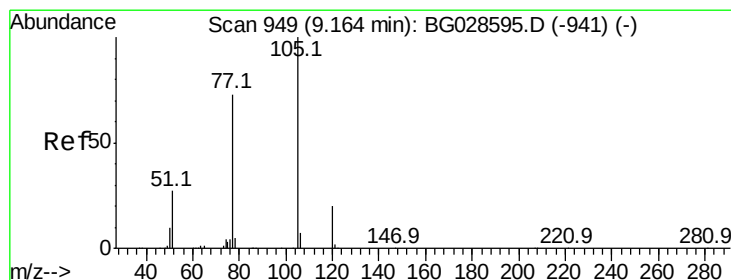
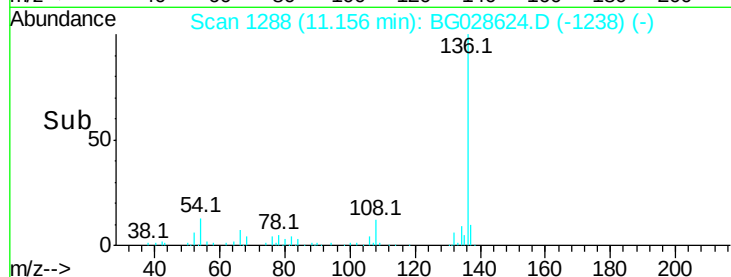
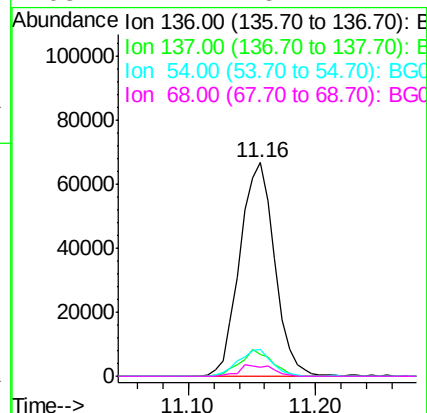
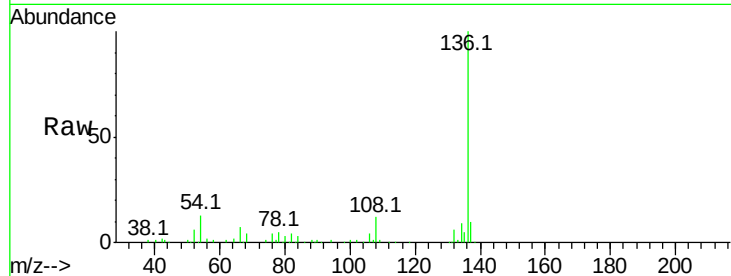




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.16 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG028624.D
Acq: 9 Sep 2017 20:56

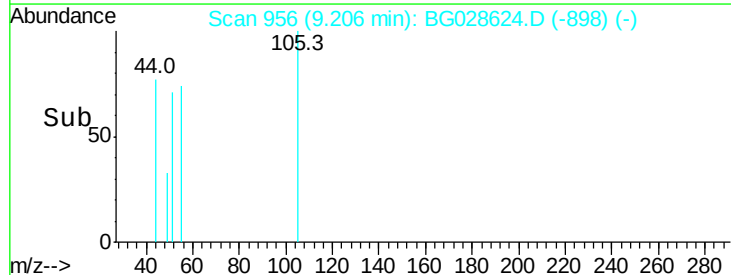
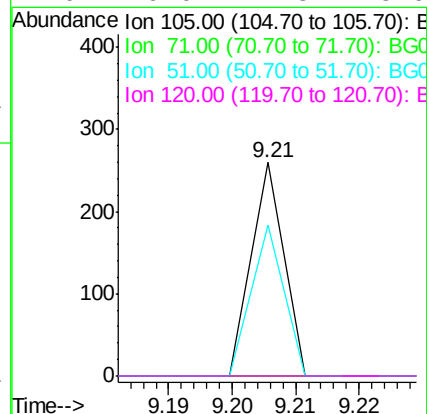
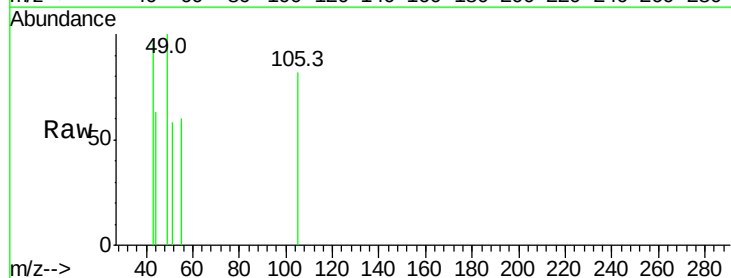
Instrument :
BNA_G
ClientSampleId :

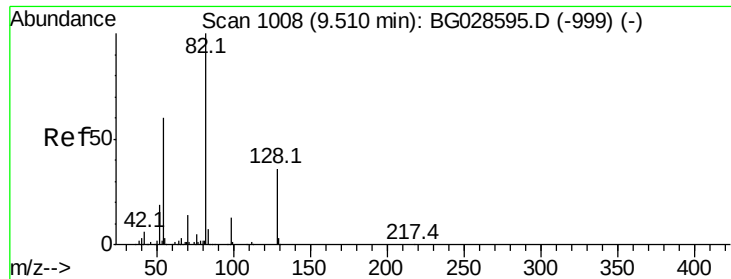
Tot Ion:136	Resp:	127444
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.9 13.3
54	12.7	9.3 13.9
68	4.1	5.1 7.7#



#22
Acetophenone
Concen: 0.026 ng
RT: 9.21 min Scan# 956
Delta R.T. 0.04 min
Lab File: BG028624.D
Acq: 9 Sep 2017 20:56

Tgt Ion:105	Resp:	92
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.9 1.3#
51	70.8	34.0 51.0#
120	0.0	17.3 25.9#

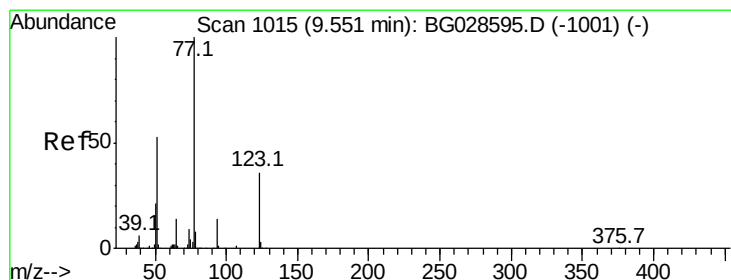
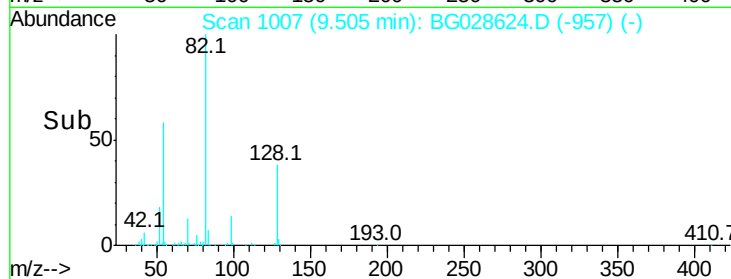
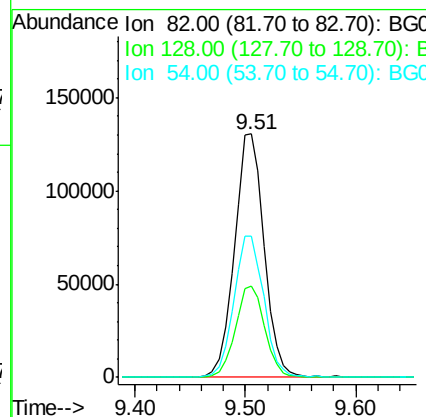
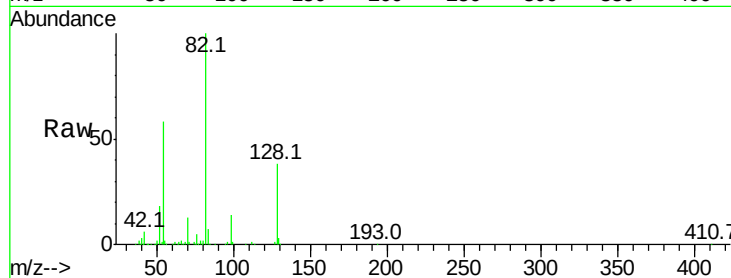




#23
 Nitrobenzene-d5
 Concen: 88.563 ng
 RT: 9.51 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BG028624.D
 Acq: 9 Sep 2017 20:56

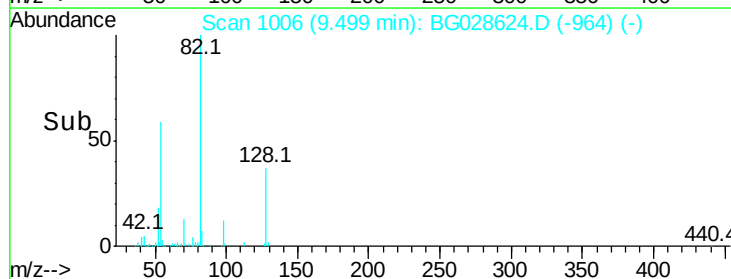
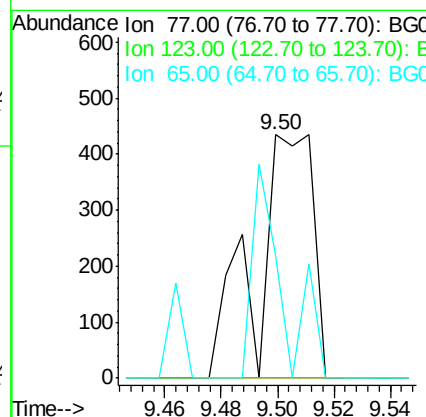
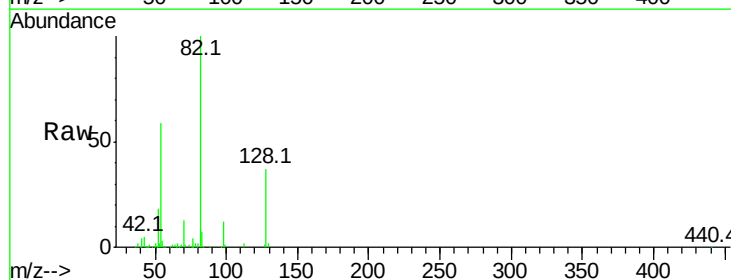
Instrument :
 BNA_G
 ClientSampleId :

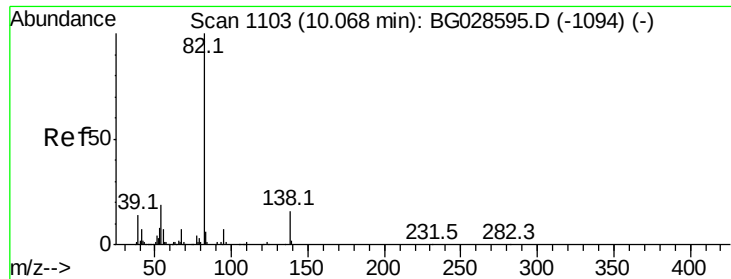
Tot Ion: 82 Resp: 245804
 Ion Ratio Lower Upper
 82 100
 128 37.6 26.4 39.6
 54 58.0 49.4 74.2



#24
 Nitrobenzene
 Concen: 0.207 ng
 RT: 9.50 min Scan# 1006
 Delta R.T. -0.05 min
 Lab File: BG028624.D
 Acq: 9 Sep 2017 20:56

Tgt Ion: 77 Resp: 608
 Ion Ratio Lower Upper
 77 100
 123 0.0 26.1 39.1#
 65 49.9 12.4 18.6#





#25

Isophorone

Concen: 0.014 ng

RT: 9.99 min Scan# 1089

Delta R.T. -0.08 min

Lab File: BG028624.D

Acq: 9 Sep 2017 20:56

Instrument :

BNA_G

ClientSampled :

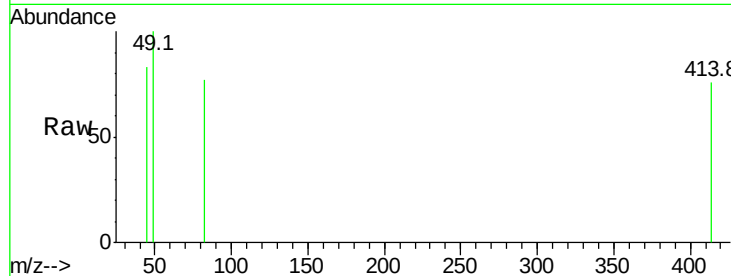
Tot Ion: 82 Resp: 72

Ion Ratio Lower Upper

82 100

95 0.0 7.5 11.3#

138 0.0 12.3 18.5#



Abundance Ion 82.00 (81.70 to 82.70): BG028595.D (-1094) (-)

Ion 95.00 (94.70 to 95.70): BG028595.D (-1094) (-)

Ion 138.00 (137.70 to 138.70): BG028595.D (-1094) (-)

9.99

200

150

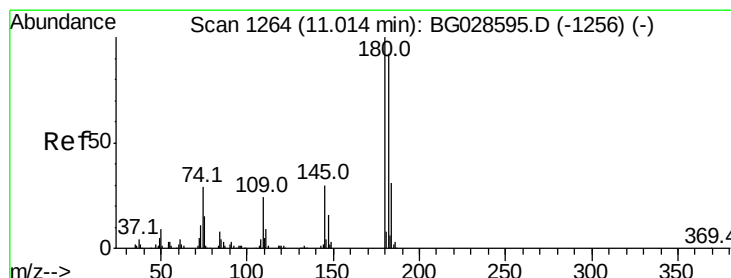
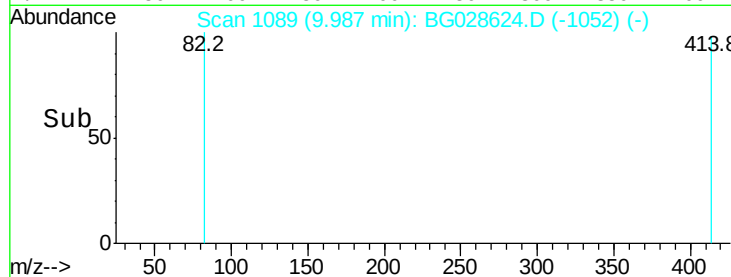
100

50

0

9.98 9.99 10.00

Time-->



#30

1,2,4-Trichlorobenzene

Concen: 0.059 ng

RT: 11.00 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BG028624.D

Acq: 9 Sep 2017 20:56

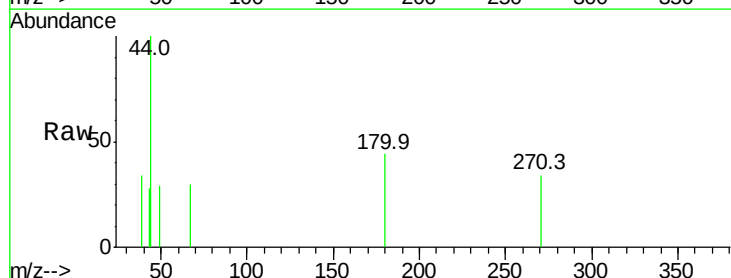
Tgt Ion: 180 Resp: 157

Ion Ratio Lower Upper

180 100

182 0.0 77.0 115.4#

145 0.0 23.4 35.0#



Abundance Ion 180.00 (179.70 to 180.70): BG028595.D (-1256) (-)

Ion 182.00 (181.70 to 182.70): BG028595.D (-1256) (-)

Ion 145.00 (144.70 to 145.70): BG028595.D (-1256) (-)

11.00

300

250

200

150

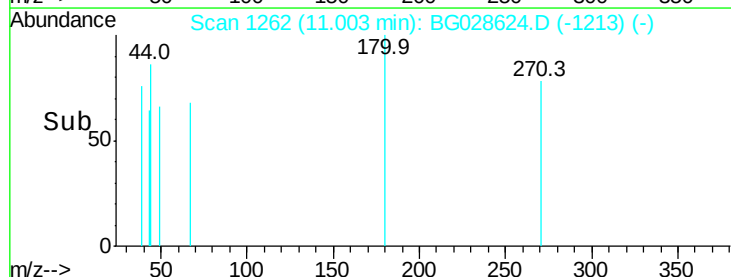
100

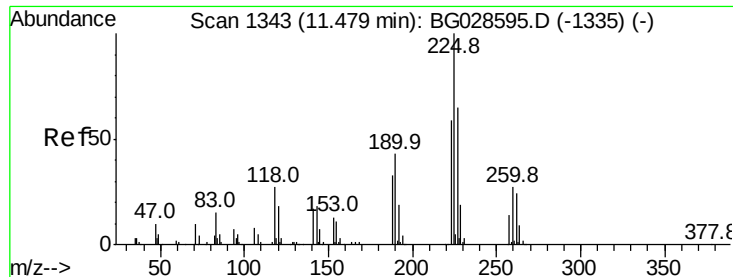
50

0

10.98 11.00 11.02

Time-->





#34

Hexachlorobutadiene

Concen: 0.030 ng

RT: 11.25 min Scan# 1304

Delta R.T. -0.23 min

Lab File: BG028624.D

Acq: 9 Sep 2017 20:56

Instrument :

BNA_G

ClientSampleId :

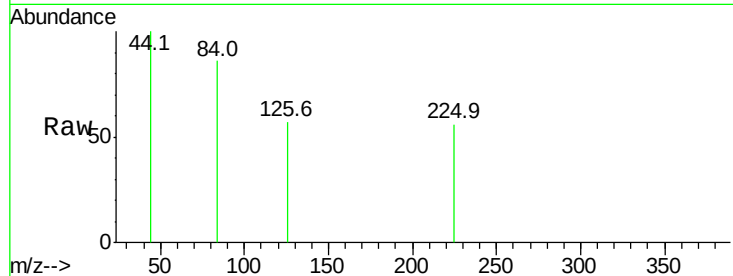
Tot Ion:225 Resp: 57

Ion Ratio Lower Upper

225 100

223 0.0 50.7 76.1#

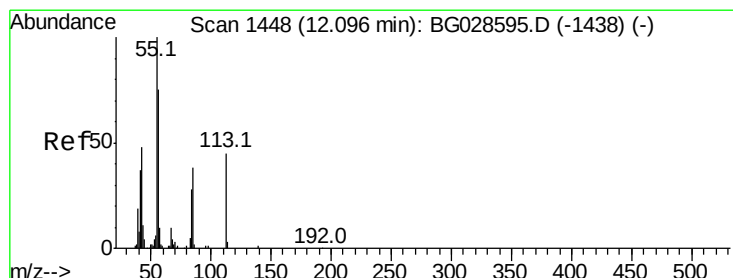
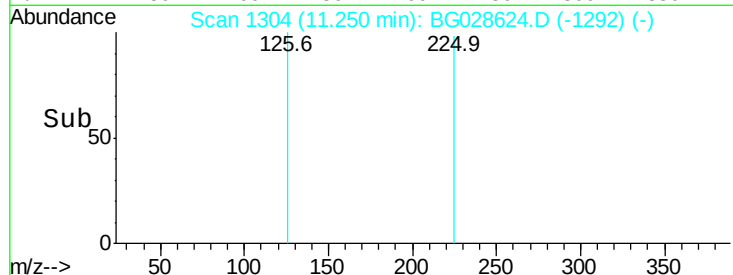
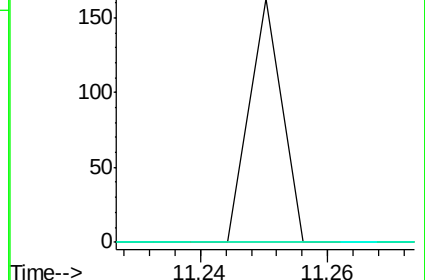
227 0.0 49.0 73.6#



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: 69.902 ng

RT: 12.07 min Scan# 1444

Delta R.T. -0.02 min

Lab File: BG028624.D

Acq: 9 Sep 2017 20:56

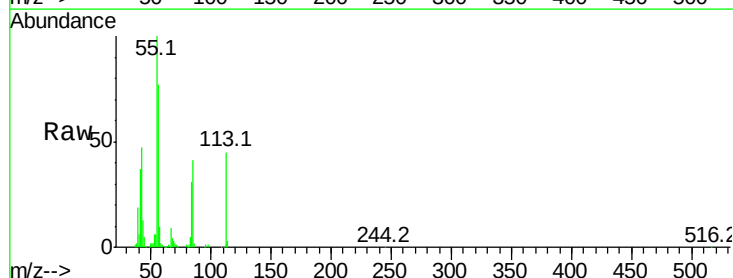
Tgt Ion:113 Resp: 57050

Ion Ratio Lower Upper

113 100

55 224.0 198.6 238.6

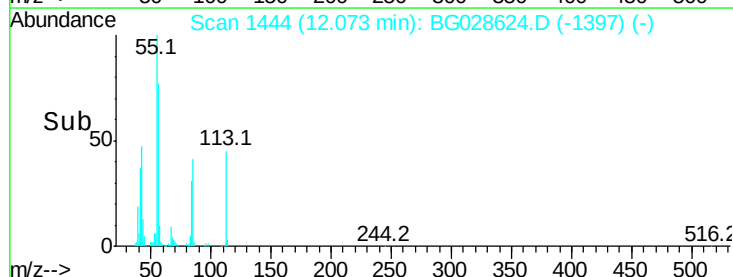
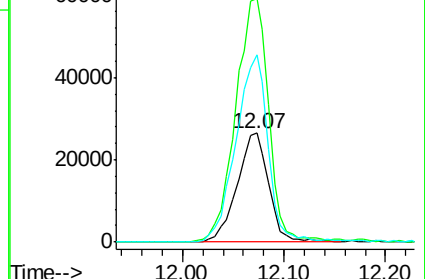
56 172.2 140.4 180.4

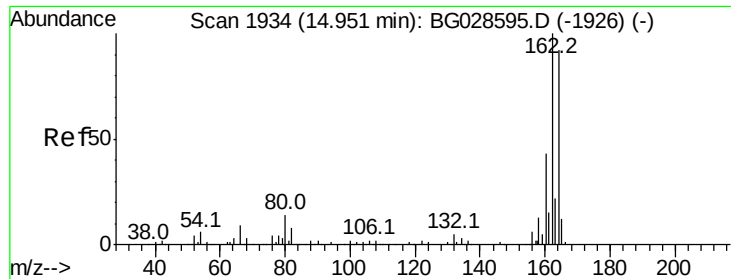


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.95 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG028624.D

Acq: 9 Sep 2017 20:56

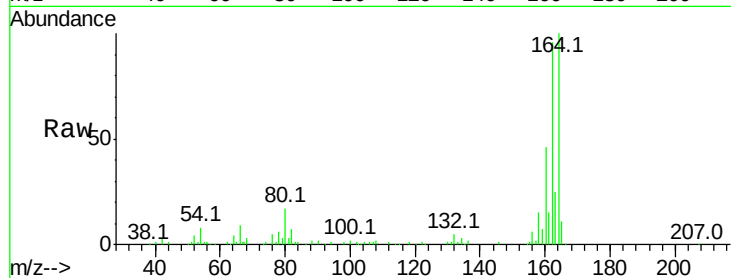
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 92023

Ion	Ratio	Lower	Upper
164	100		
162	95.7	85.1	127.7
160	45.8	34.7	52.1

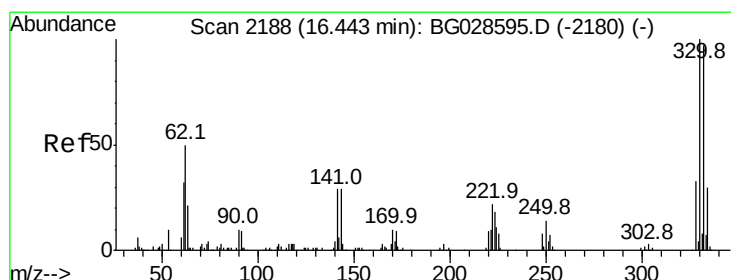
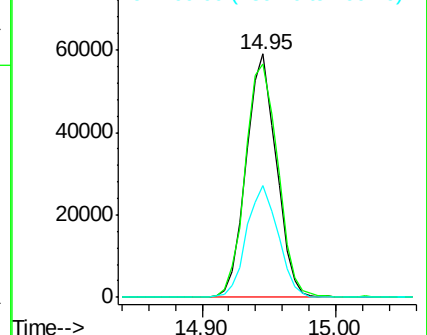
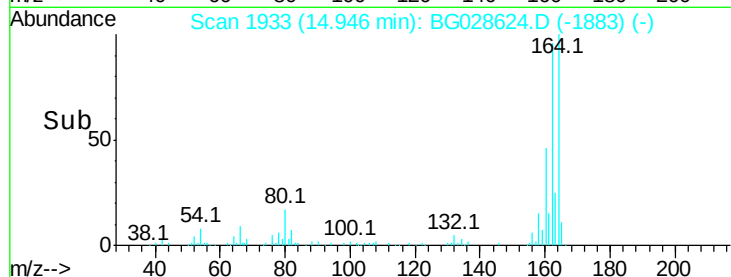


Abundance

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



#41

2,4,6-Tribromophenol

Concen: 165.675 ng

RT: 16.44 min Scan# 2187

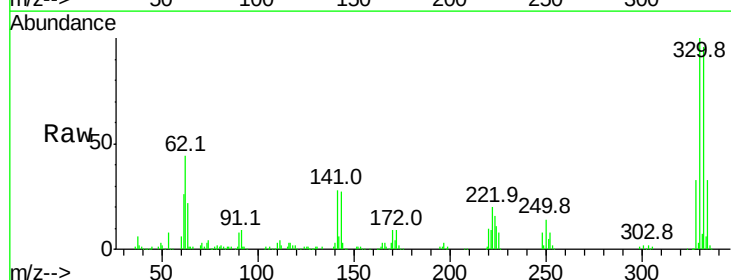
Delta R.T. -0.01 min

Lab File: BG028624.D

Acq: 9 Sep 2017 20:56

Tgt Ion:330 Resp: 231722

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	31.9	32.1	48.1#

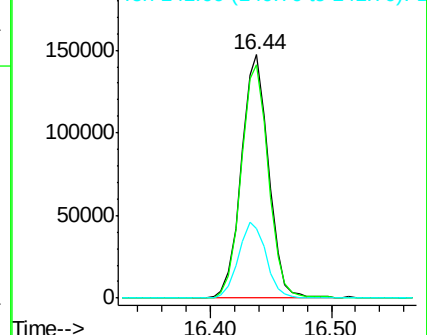
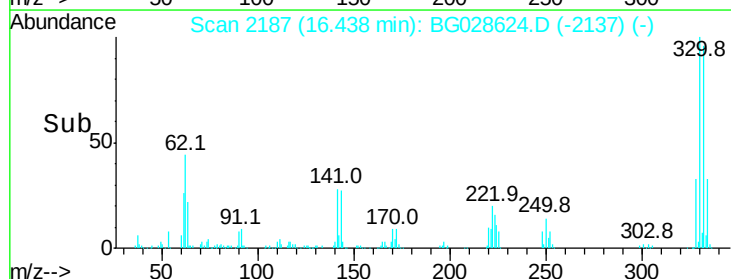


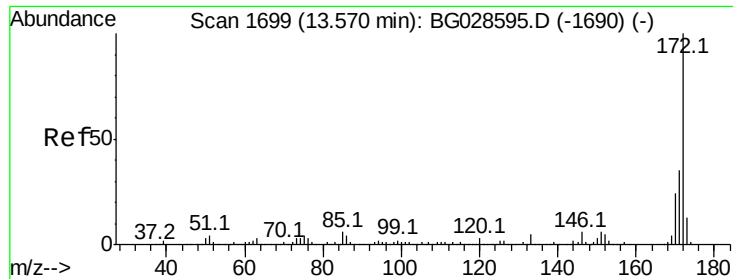
Abundance

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

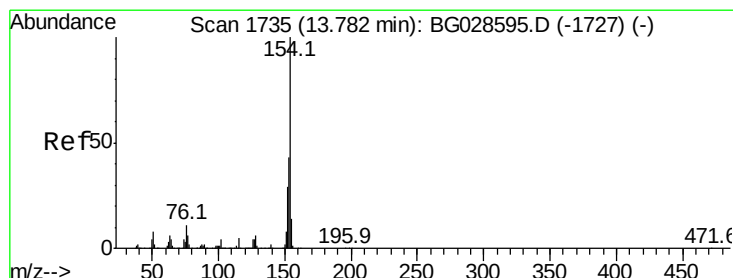
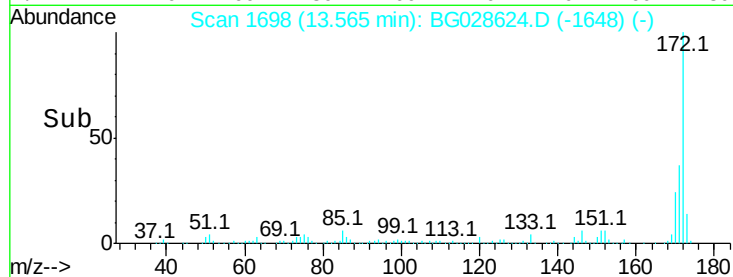
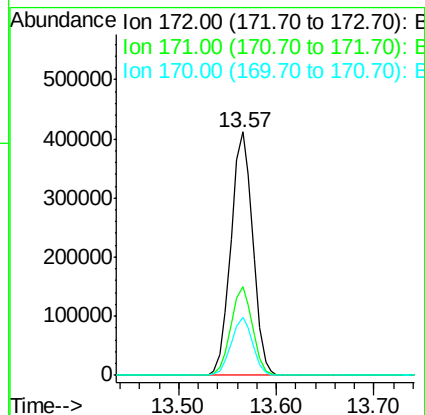
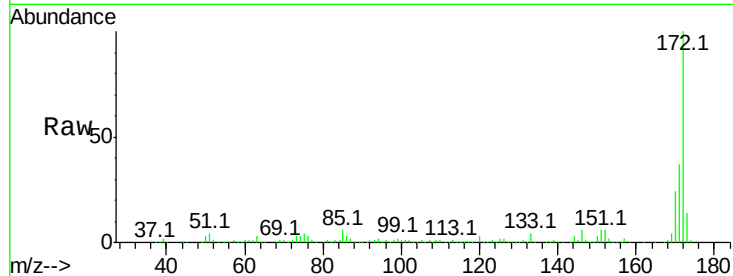




#44
 2-Fluorobiphenyl
 Concen: 90.718 ng
 RT: 13.57 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG028624.D
 Acq: 9 Sep 2017 20:56

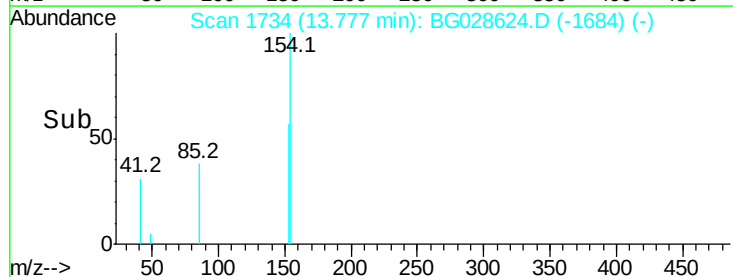
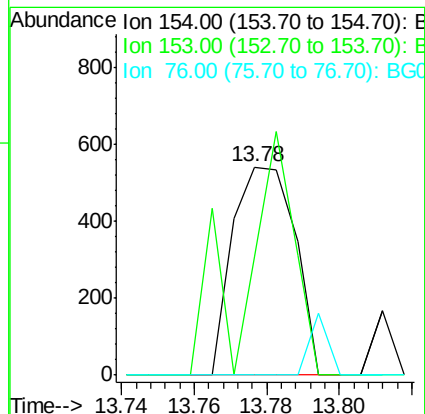
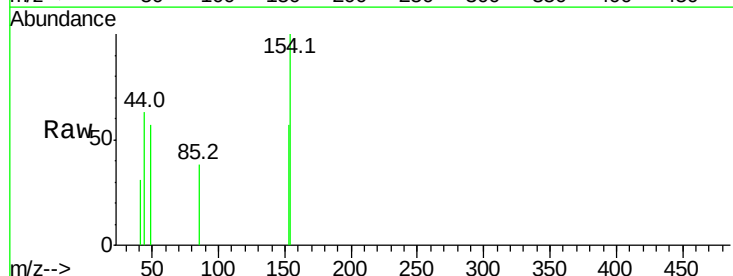
Instrument :
 BNA_G
 ClientSampled :

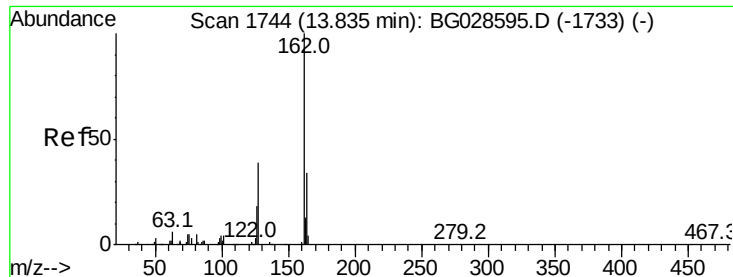
Tot Ion:172 Resp: 638127
 Ion Ratio Lower Upper
 172 100
 171 36.6 32.2 48.2
 170 23.9 21.8 32.6



#45
 1,1'-Biphenyl
 Concen: 0.083 ng
 RT: 13.78 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG028624.D
 Acq: 9 Sep 2017 20:56

Tgt Ion:154 Resp: 645
 Ion Ratio Lower Upper
 154 100
 153 56.9 23.0 63.0
 76 0.0 0.0 33.5





#46

2-Chloronaphthalene

Concen: 0.010 ng

RT: 13.57 min Scan# 1698

Delta R.T. -0.27 min

Lab File: BG028624.D

Acq: 9 Sep 2017 20:56

Instrument :

BNA_G

ClientSampleId :

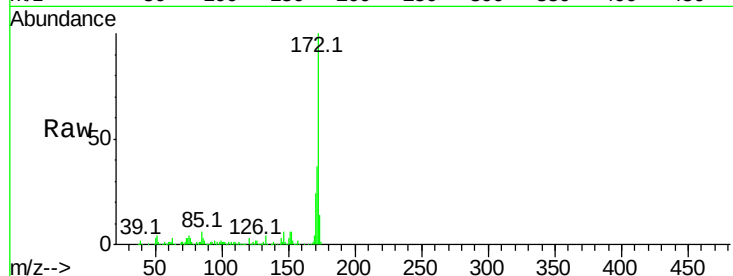
Tot Ion:162 Resp: 58

Ion Ratio Lower Upper

162 100

127 809.8 32.2 48.4#

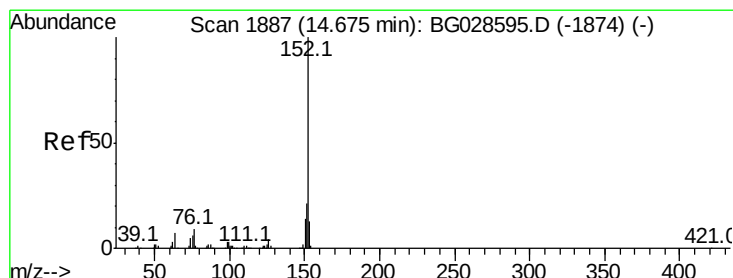
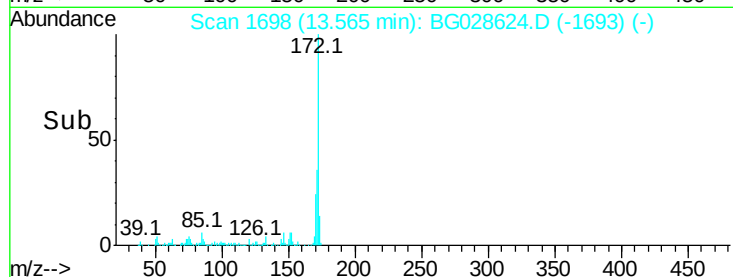
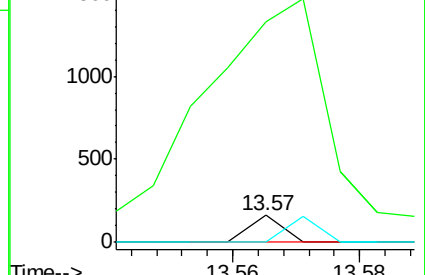
164 0.0 27.3 40.9#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

Acenaphthylene

Concen: 0.006 ng

RT: 14.43 min Scan# 1846

Delta R.T. -0.24 min

Lab File: BG028624.D

Acq: 9 Sep 2017 20:56

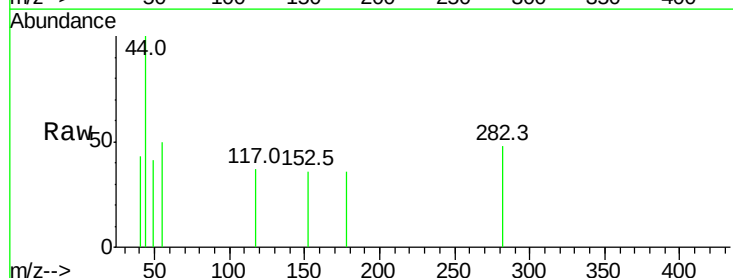
Tgt Ion:152 Resp: 54

Ion Ratio Lower Upper

152 100

151 0.0 18.2 27.2#

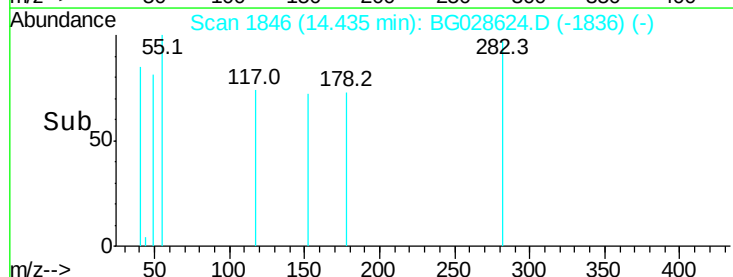
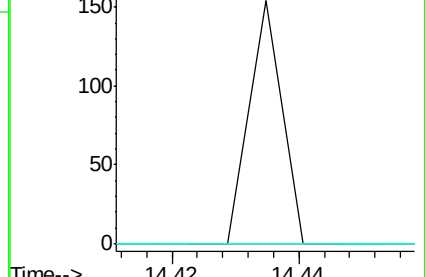
153 0.0 11.3 16.9#

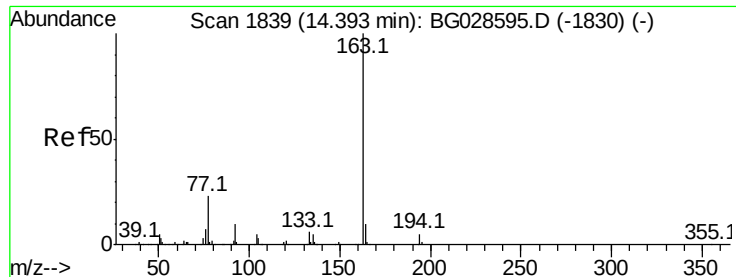


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 0.505 ng

RT: 14.39 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BG028624.D

Acq: 9 Sep 2017 20:56

Instrument :

BNA_G

ClientSampleId :

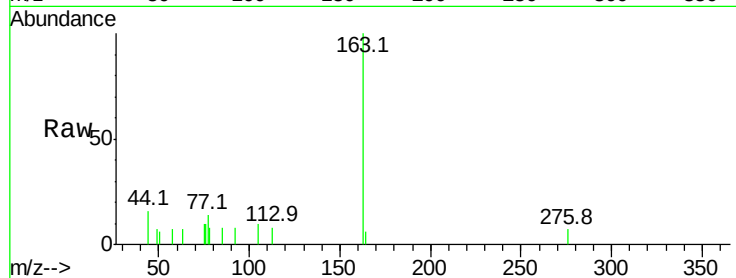
Tot Ion:163 Resp: 3829

Ion Ratio Lower Upper

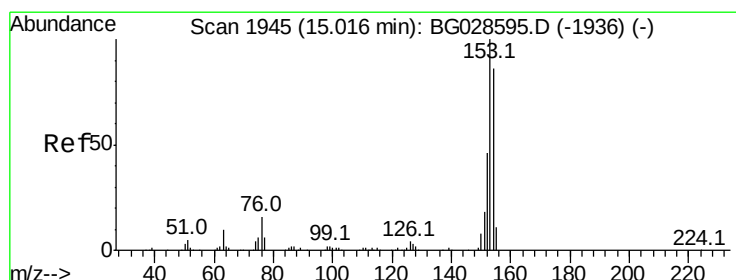
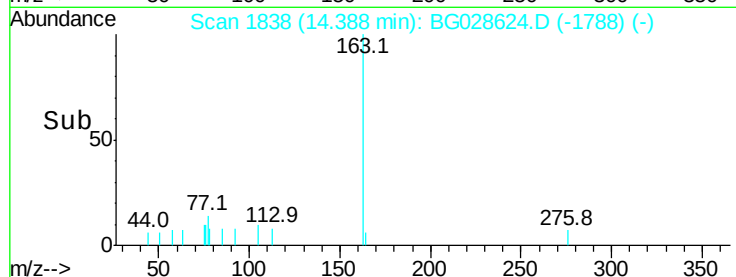
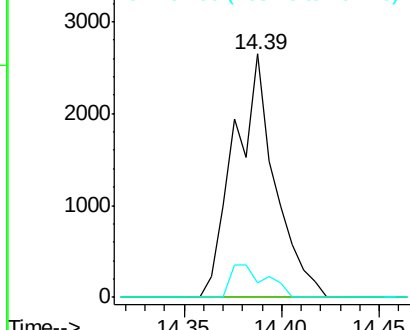
163 100

194 0.0 3.8 5.6#

164 5.7 9.3 13.9#



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



#51

Acenaphthene

Concen: 0.073 ng

RT: 14.94 min Scan# 1932

Delta R.T. -0.08 min

Lab File: BG028624.D

Acq: 9 Sep 2017 20:56

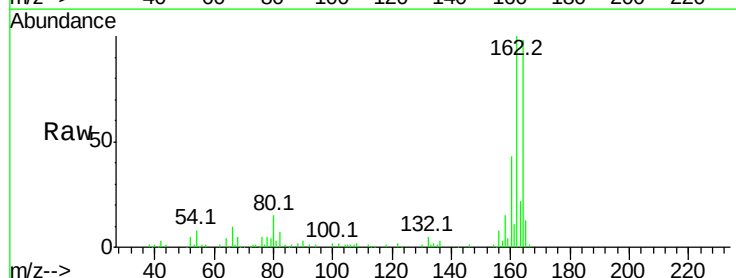
Tgt Ion:154 Resp: 404

Ion Ratio Lower Upper

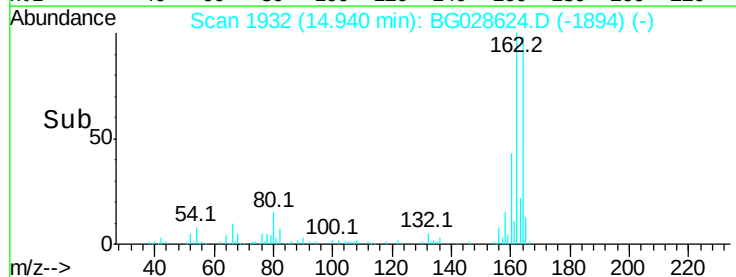
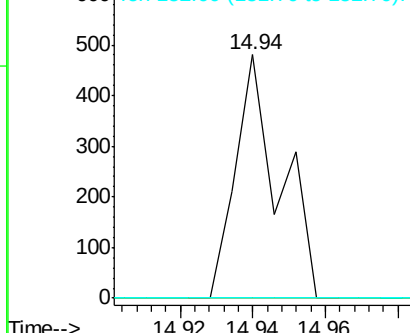
154 100

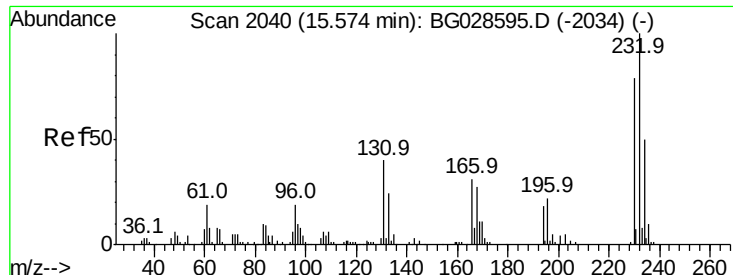
153 0.0 87.8 131.6#

152 0.0 42.2 63.4#



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

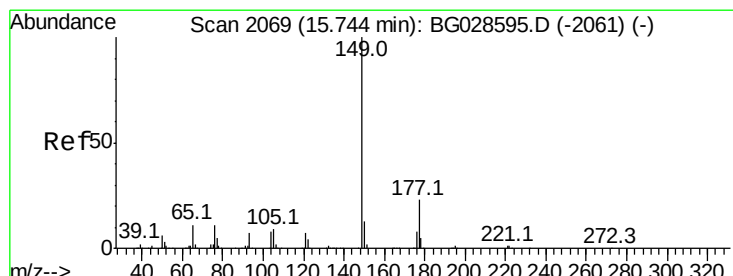
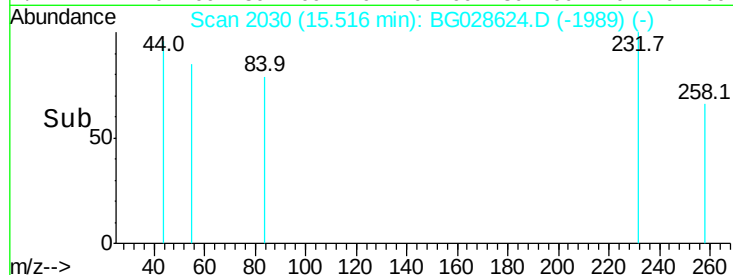
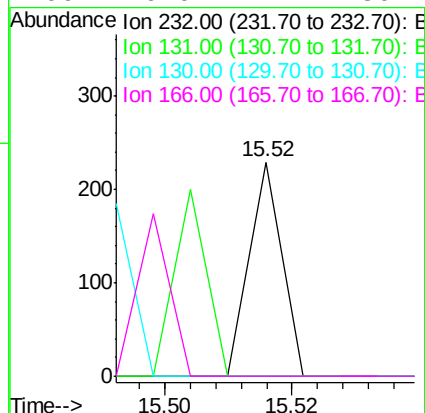
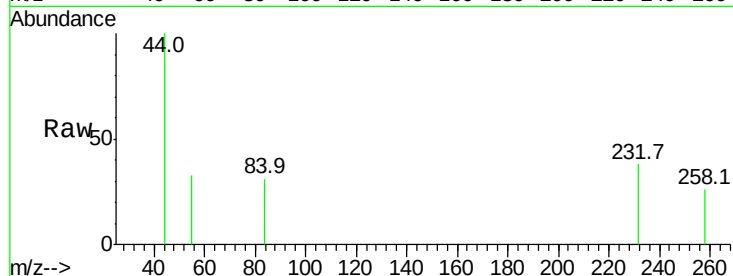




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 0.040 ng
 RT: 15.52 min Scan# 2030
 Delta R.T. -0.06 min
 Lab File: BG028624.D
 Acq: 9 Sep 2017 20:56

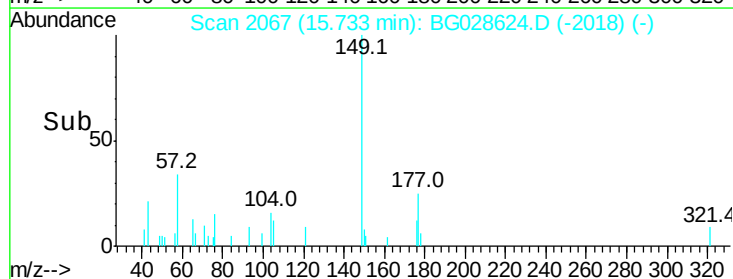
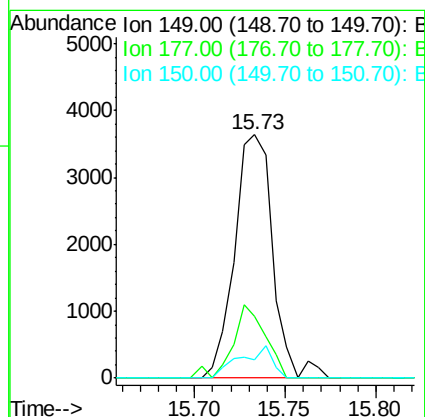
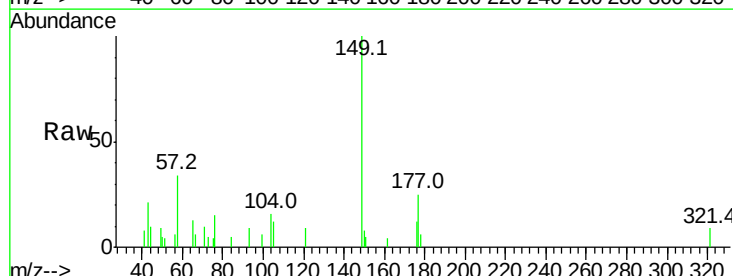
Instrument :
 BNA_G
 ClientSampleId :

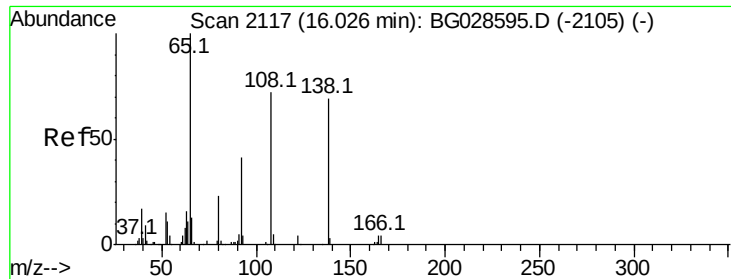
Tot Ion:	232	Resp:	81
Ion	Ratio	Lower	Upper
232	100		
131	0.0	34.9	52.3#
130	0.0	2.3	3.5#
166	0.0	24.2	36.4#



#59
 Diethylphthalate
 Concen: 0.669 ng
 RT: 15.73 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BG028624.D
 Acq: 9 Sep 2017 20:56

Tgt Ion:	149	Resp:	5313
Ion	Ratio	Lower	Upper
149	100		
177	25.4	20.1	30.1
150	7.6	10.2	15.2#





#61

4-Nitroaniline

Concen: 0.034 ng

RT: 15.94 min Scan# 2103

Delta R.T. -0.08 min

Lab File: BG028624.D

Acq: 9 Sep 2017 20:56

Instrument :

BNA_G

ClientSampled :

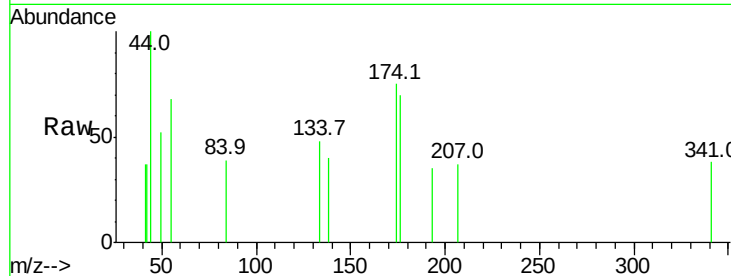
Tot Ion:138 Resp: 62

Ion Ratio Lower Upper

138 100

92 0.0 44.2 84.2#

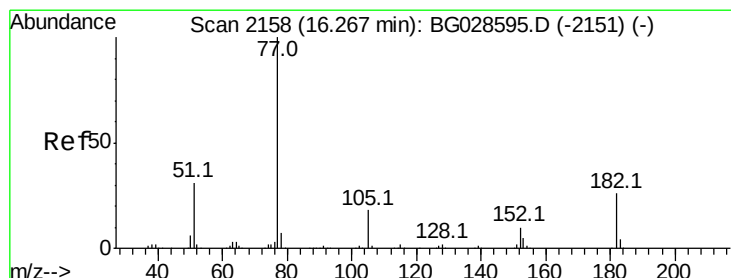
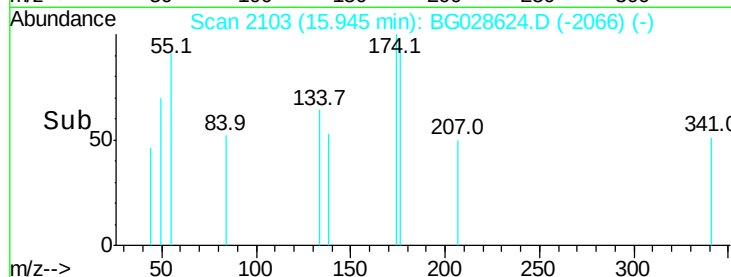
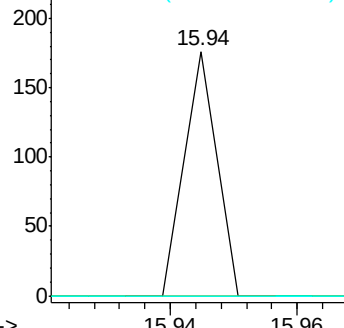
108 0.0 104.8 144.8#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 0.011 ng

RT: 16.26 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BG028624.D

Acq: 9 Sep 2017 20:56

Tgt Ion: 77 Resp: 80

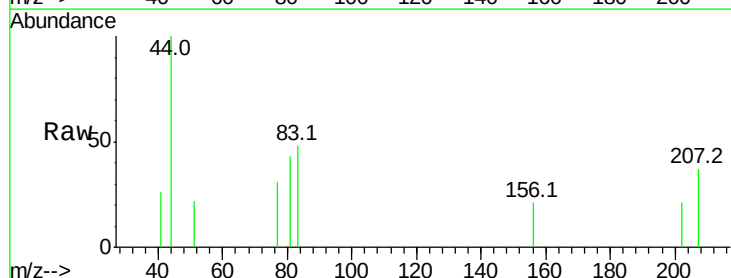
Ion Ratio Lower Upper

77 100

182 0.0 4.7 44.7#

105 0.0 0.0 36.3

51 71.8 16.4 56.4#

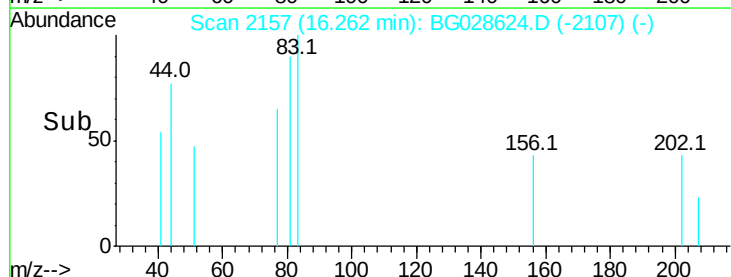
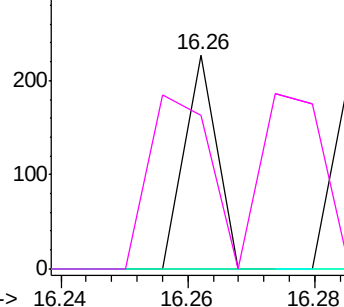


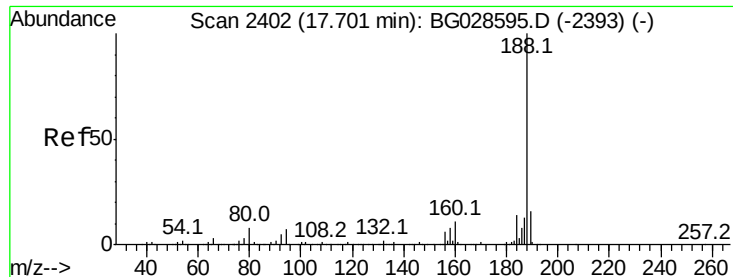
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.70 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BG028624.D

Acq: 9 Sep 2017 20:56

Instrument :

BNA_G

ClientSampleId :

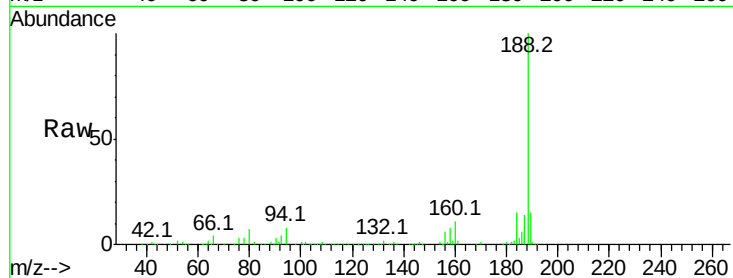
Tot Ion:188 Resp: 256408

Ion Ratio Lower Upper

188 100

94 7.8 5.8 8.8

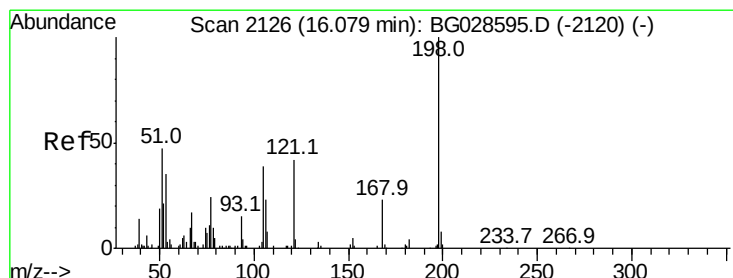
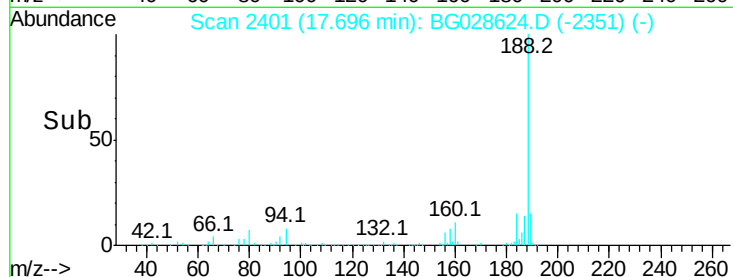
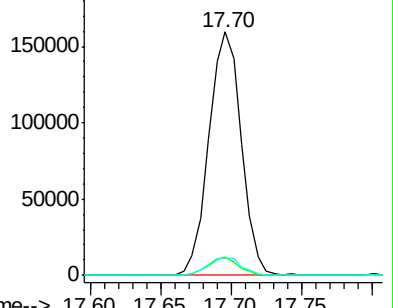
80 6.8 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#64

4,6-Dinitro-2-methylphenol

Concen: 0.030 ng

RT: 16.19 min Scan# 2145

Delta R.T. 0.11 min

Lab File: BG028624.D

Acq: 9 Sep 2017 20:56

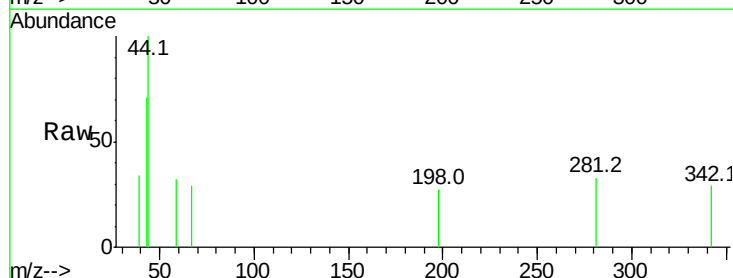
Tgt Ion:198 Resp: 54

Ion Ratio Lower Upper

198 100

51 0.0 22.6 62.6#

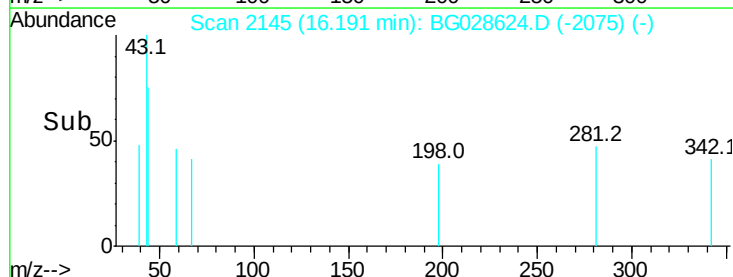
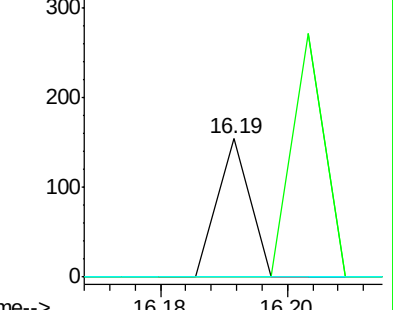
105 0.0 14.4 54.4#

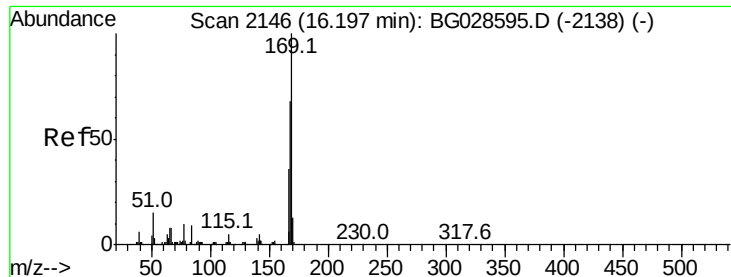


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E

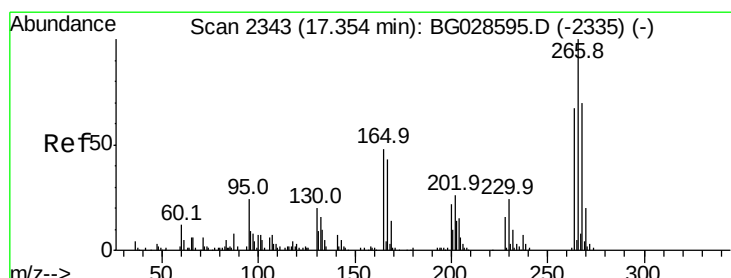
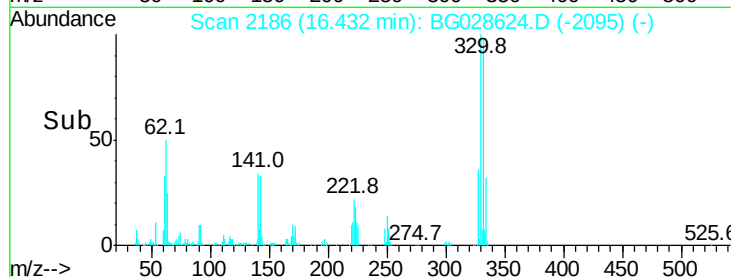
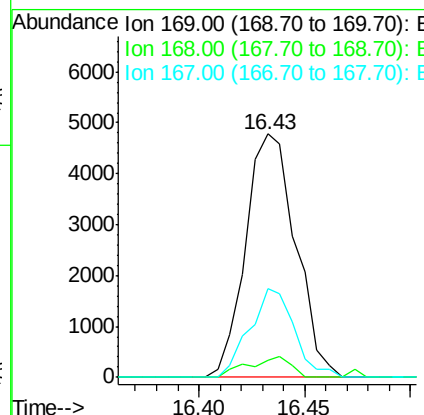
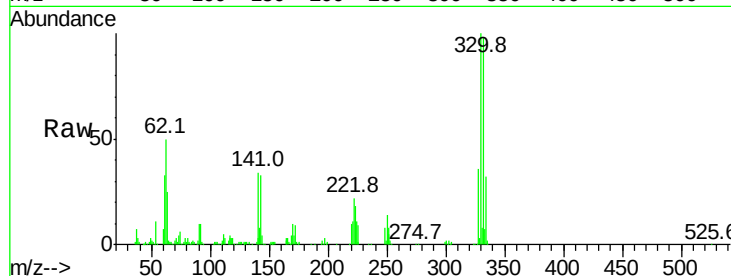




#65
n-Nitrosodiphenylamine
Concen: 1.036 ng
RT: 16.43 min Scan# 2186
Delta R.T. 0.24 min
Lab File: BG028624.D
Acq: 9 Sep 2017 20:56

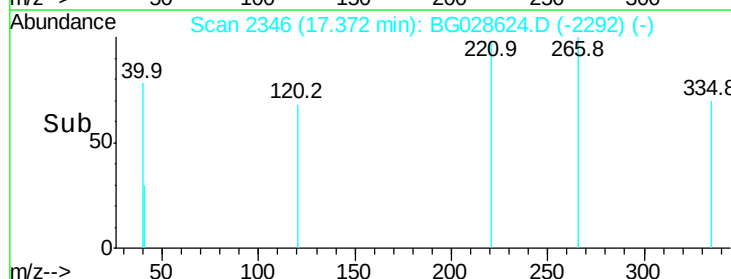
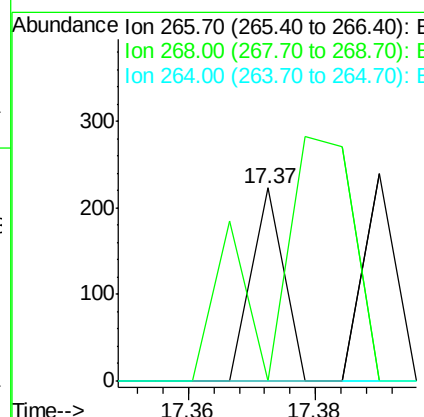
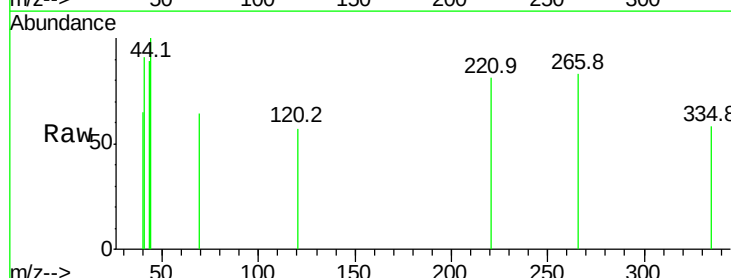
Instrument :
BNA_G
ClientSampleId :

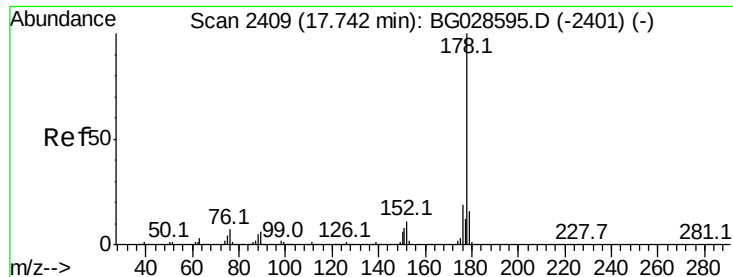
Tot Ion:169 Resp: 7841
Ion Ratio Lower Upper
169 100
168 7.1 55.7 83.5#
167 36.6 29.8 44.6



#69
Pentachlorophenol
Concen: 0.046 ng
RT: 17.37 min Scan# 2346
Delta R.T. 0.02 min
Lab File: BG028624.D
Acq: 9 Sep 2017 20:56

Tgt Ion:266 Resp: 79
Ion Ratio Lower Upper
266 100
268 0.0 48.6 72.8#
264 0.0 50.1 75.1#

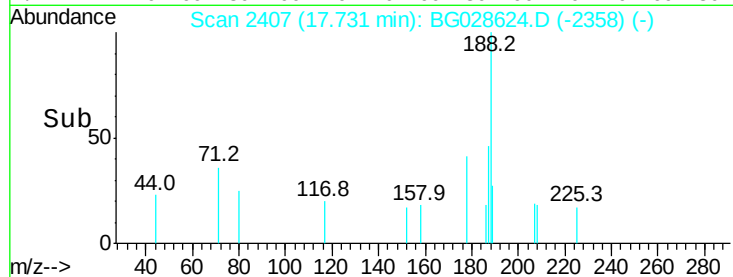
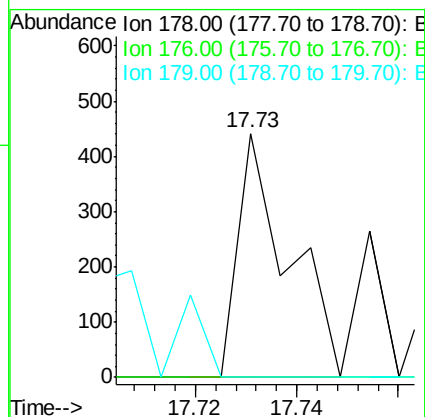
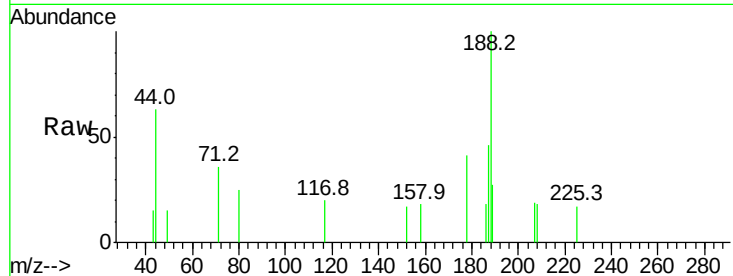




#70
Phenanthrene
Concen: 0.022 ng
RT: 17.73 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG028624.D
Acq: 9 Sep 2017 20:56

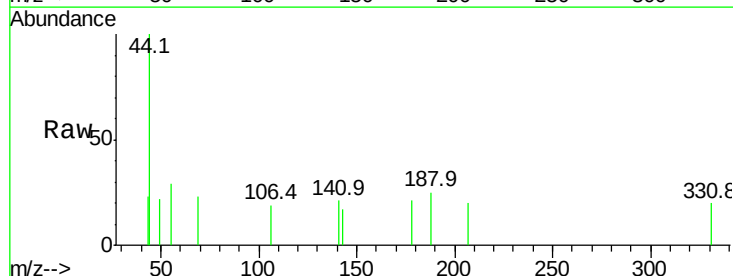
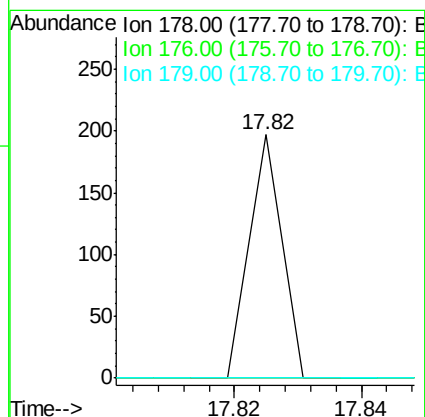
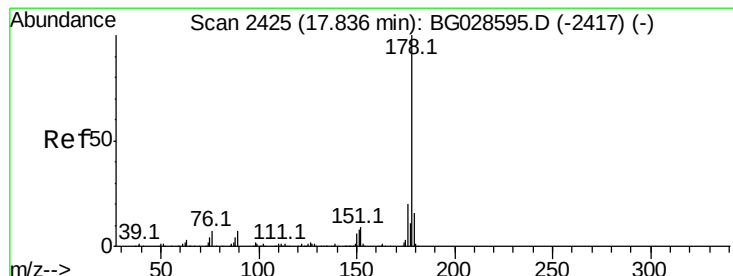
Instrument :
BNA_G
ClientSampled :

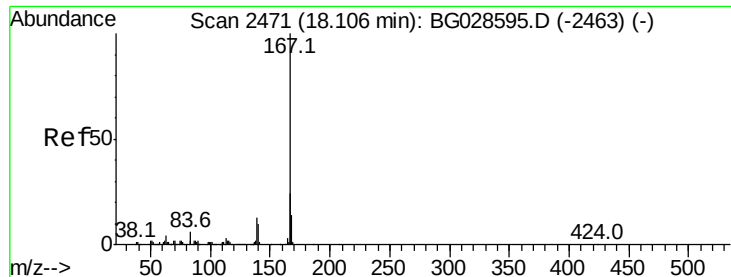
Tot Ion:178 Resp: 304
Ion Ratio Lower Upper
178 100
176 0.0 17.7 26.5#
179 0.0 15.0 22.6#



#71
Anthracene
Concen: 0.005 ng
RT: 17.82 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG028624.D
Acq: 9 Sep 2017 20:56

Tgt Ion:178 Resp: 69
Ion Ratio Lower Upper
178 100
176 0.0 16.4 24.6#
179 0.0 13.8 20.8#





#72

Carbazole

Concen: 0.006 ng

RT: 17.97 min Scan# 2448

Delta R.T. -0.13 min

Lab File: BG028624.D

Acq: 9 Sep 2017 20:56

Instrument :

BNA_G

ClientSampleId :

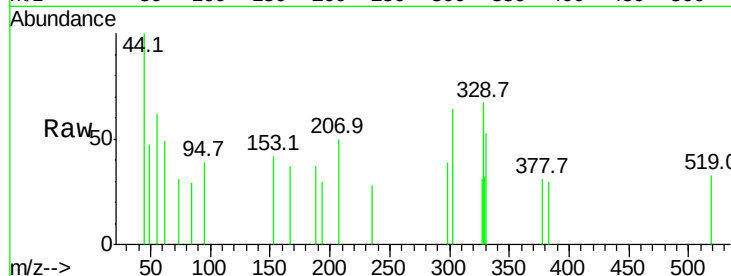
Tot Ion:167 Resp: 70

Ion Ratio Lower Upper

167 100

166 100.0 20.2 30.2#

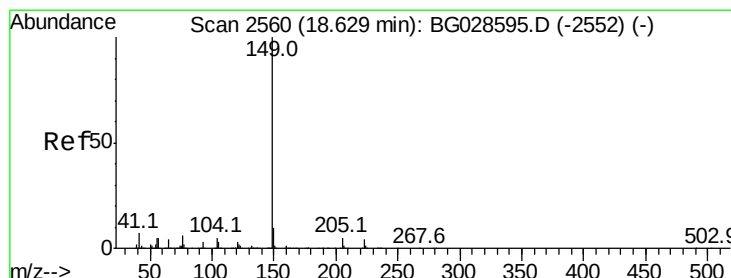
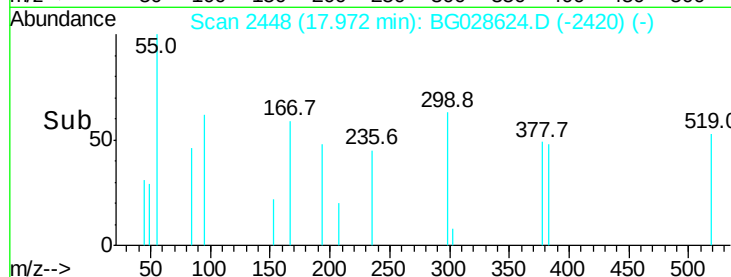
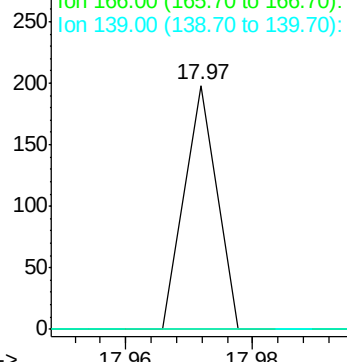
139 0.0 12.8 19.2#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 0.192 ng

RT: 18.62 min Scan# 2559

Delta R.T. -0.01 min

Lab File: BG028624.D

Acq: 9 Sep 2017 20:56

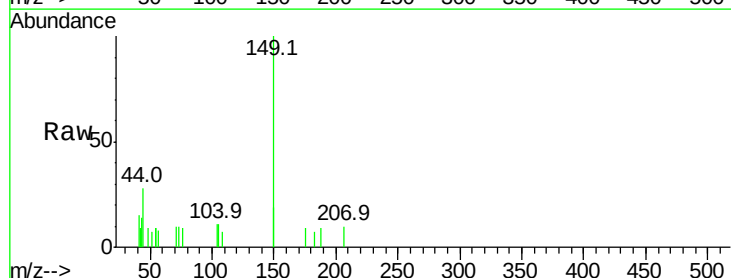
Tgt Ion:149 Resp: 2894

Ion Ratio Lower Upper

149 100

150 19.5 9.1 13.7#

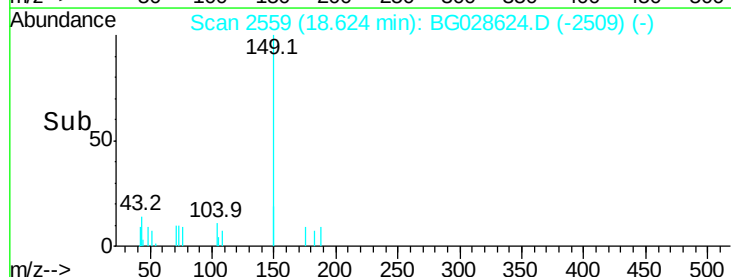
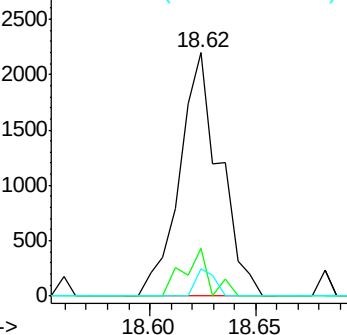
104 11.4 6.7 10.1#

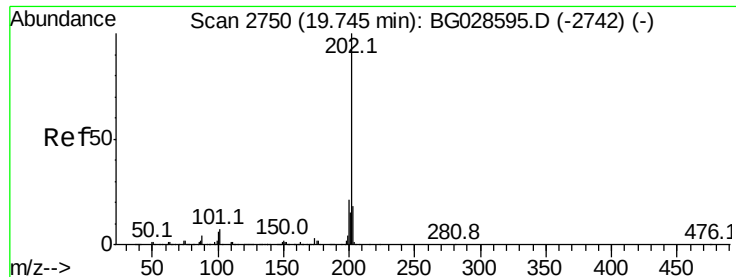


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

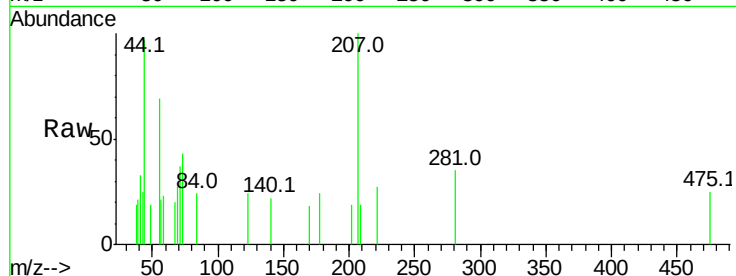




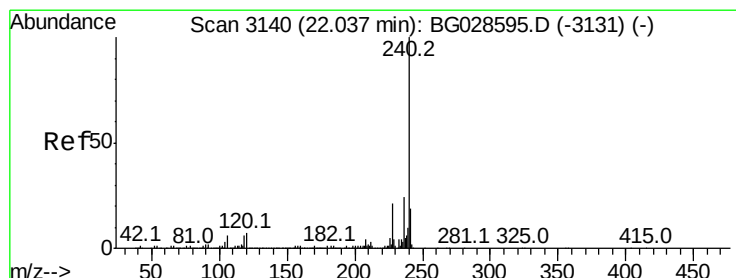
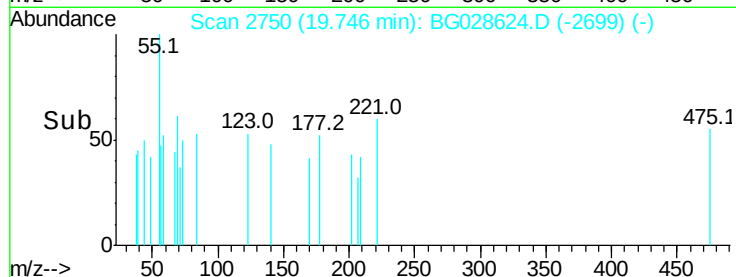
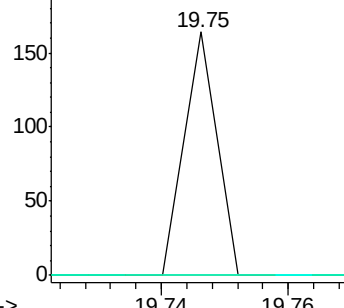
#74
Fluoranthene
Concen: 0.003 ng
RT: 19.75 min Scan# 2750
Delta R.T. 0.00 min
Lab File: BG028624.D
Acq: 9 Sep 2017 20:56

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	30.1
203	0.0	1.3	41.3#

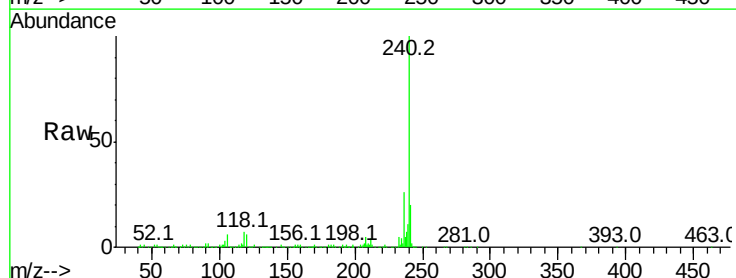


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

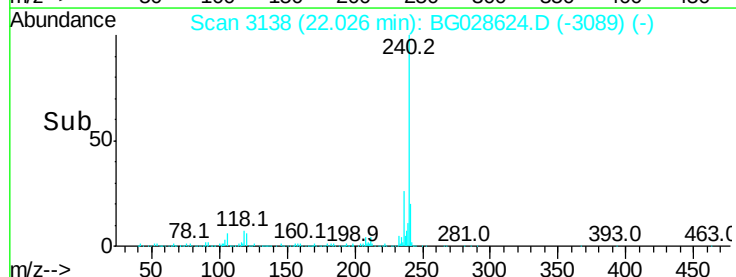
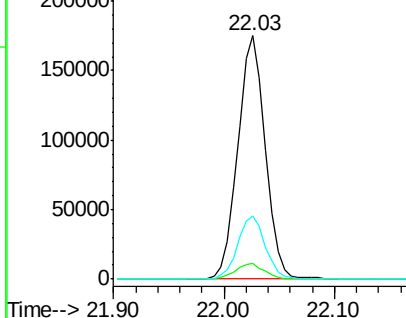


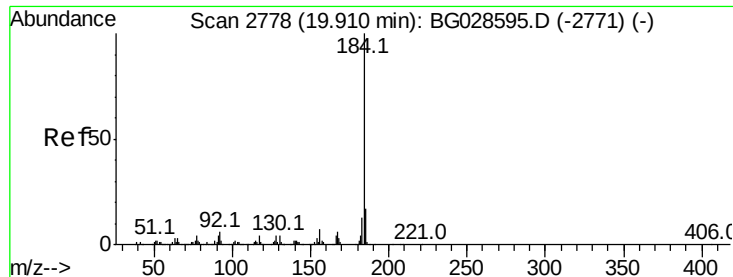
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.03 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG028624.D
Acq: 9 Sep 2017 20:56

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.7	8.5
236	25.7	22.2	33.4



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: 2.499 ng

RT: 19.91 min Scan# 2778

Delta R.T. 0.00 min

Lab File: BG028624.D

Acq: 9 Sep 2017 20:56

Instrument :

BNA_G

ClientSampleId :

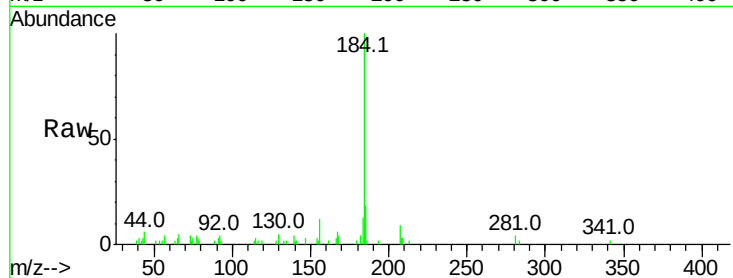
Tot Ion:184 Resp: 15516

Ion Ratio Lower Upper

184 100

185 17.7 13.0 19.6

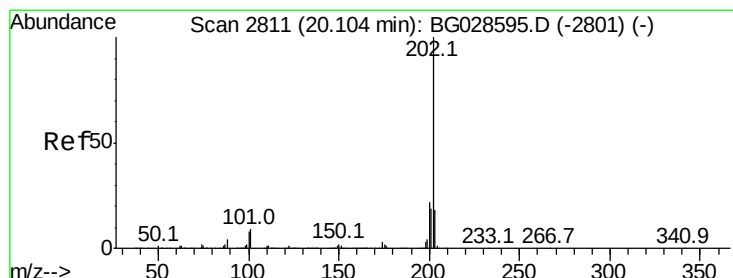
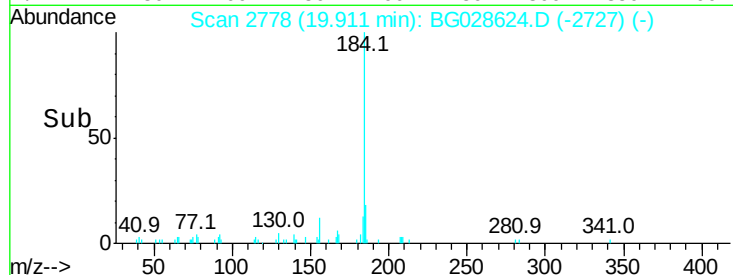
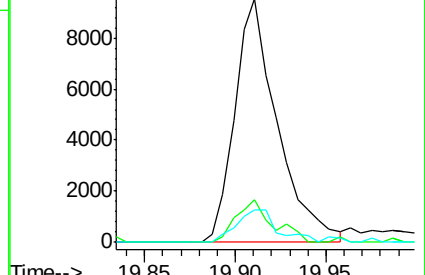
183 13.2 11.0 16.6



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: 0.264 ng

RT: 20.28 min Scan# 2841

Delta R.T. 0.18 min

Lab File: BG028624.D

Acq: 9 Sep 2017 20:56

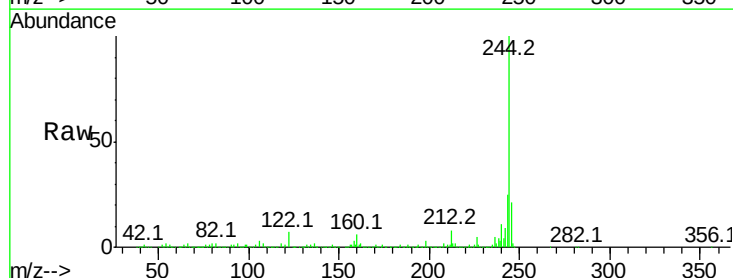
Tgt Ion:202 Resp: 4787

Ion Ratio Lower Upper

202 100

200 53.9 19.6 29.4#

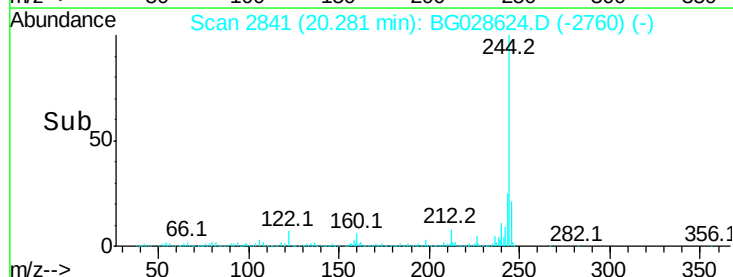
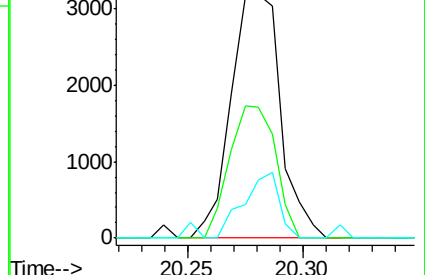
203 23.7 15.8 23.8

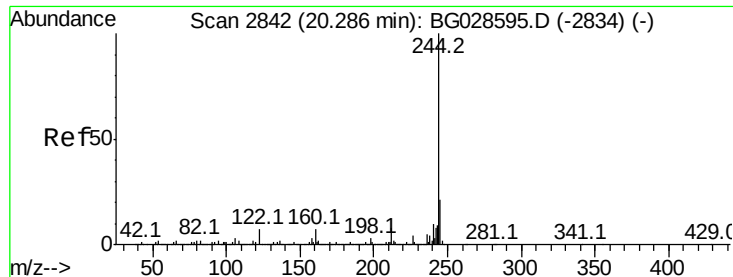


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 91.746 ng

RT: 20.28 min Scan# 2841

Delta R.T. -0.01 min

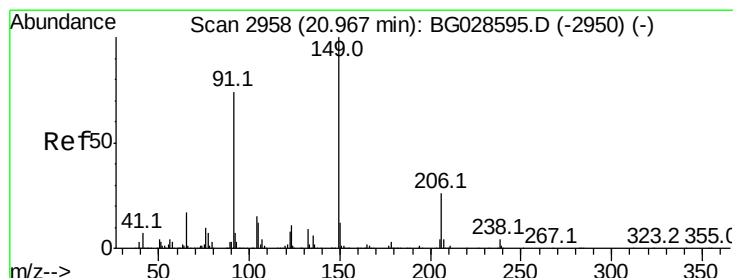
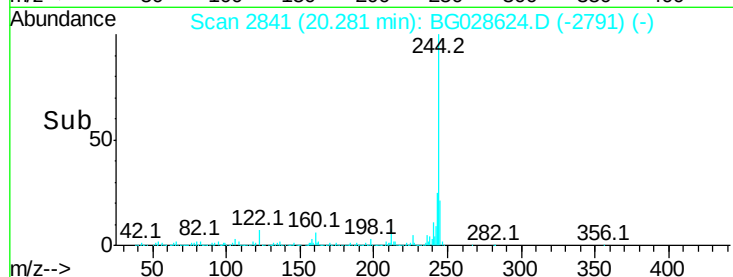
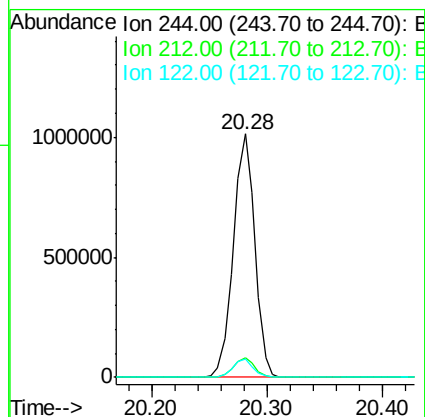
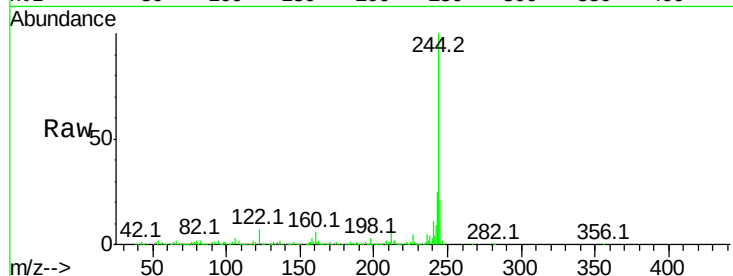
Lab File: BG028624.D

Acq: 9 Sep 2017 20:56

Instrument :
BNA_G
ClientSampled :

Tot Ion:244 Resp: 1301388

Ion	Ratio	Lower	Upper
244	100		
212	8.1	10.0	15.0#
122	7.4	8.6	12.8#



#79

Butylbenzylphthalate

Concen: 0.068 ng

RT: 20.96 min Scan# 2957

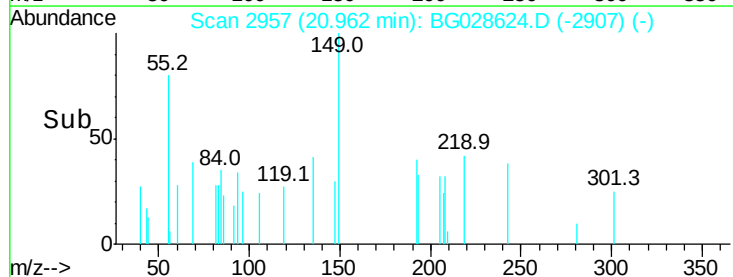
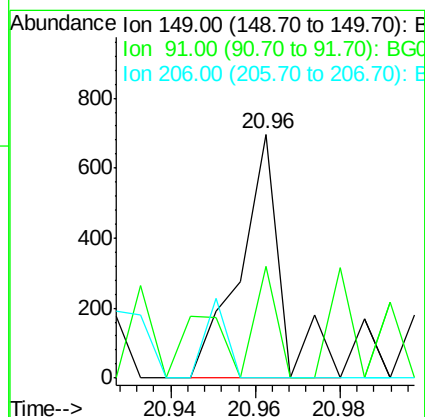
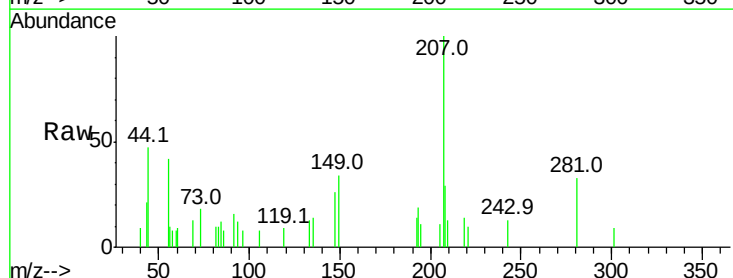
Delta R.T. -0.01 min

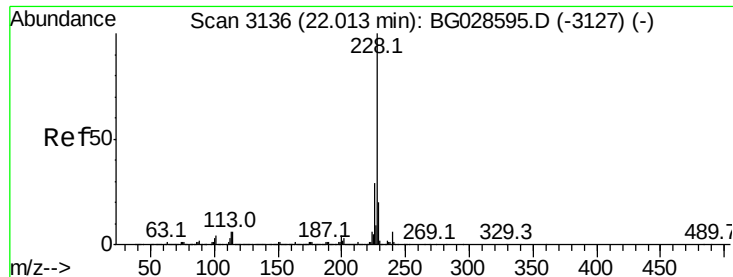
Lab File: BG028624.D

Acq: 9 Sep 2017 20:56

Tgt Ion:149 Resp: 474

Ion	Ratio	Lower	Upper
149	100		
91	46.0	63.5	95.3#
206	0.0	21.0	31.6#





#80

Benzo(a)anthracene

Concen: 0.004 ng

RT: 21.99 min Scan# 3132

Delta R.T. -0.02 min

Lab File: BG028624.D

Acq: 9 Sep 2017 20:56

Instrument :

BNA_G

ClientSampleId :

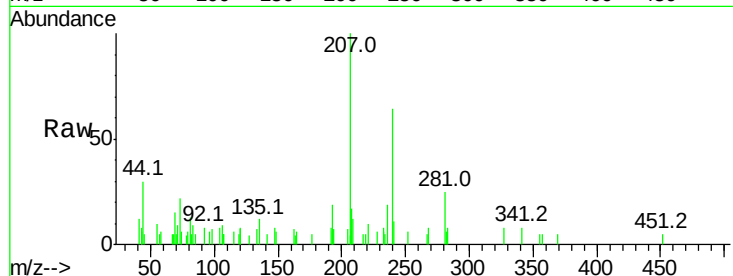
Tot Ion:228 Resp: 72

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

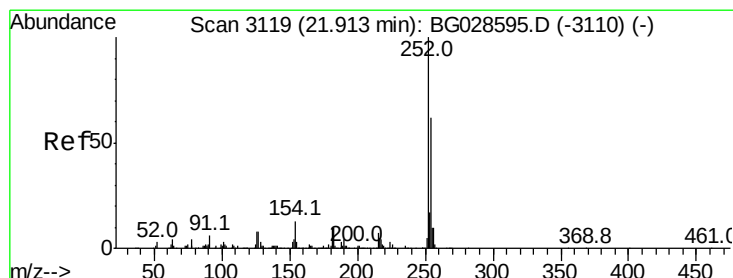
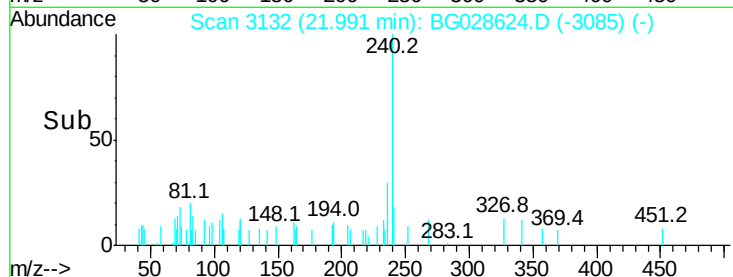
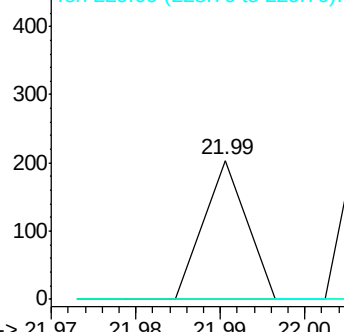
229 0.0 18.2 27.2#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 0.008 ng

RT: 21.89 min Scan# 3115

Delta R.T. -0.02 min

Lab File: BG028624.D

Acq: 9 Sep 2017 20:56

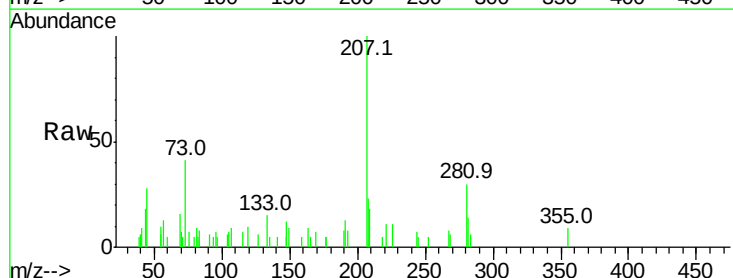
Tgt Ion:252 Resp: 58

Ion Ratio Lower Upper

252 100

254 0.0 53.1 79.7#

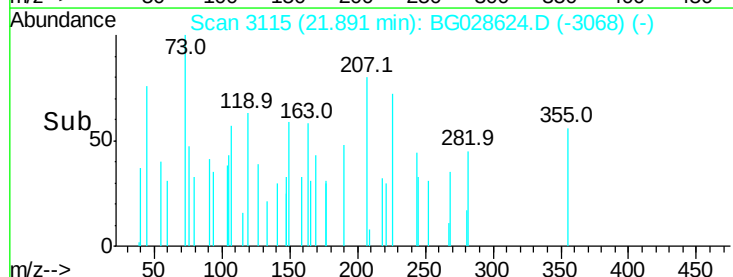
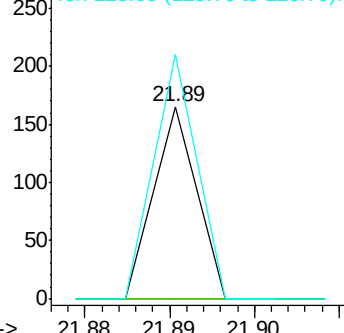
126 127.3 7.0 10.4#

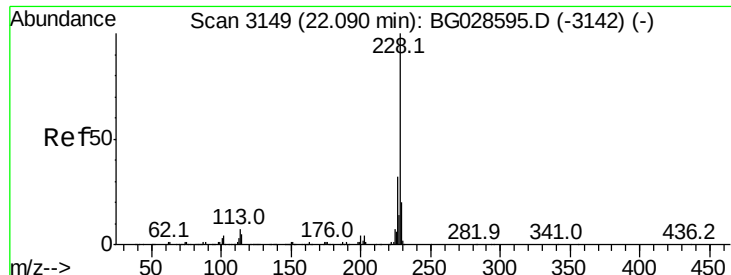


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 0.050 ng

RT: 22.03 min Scan# 3139

Delta R.T. -0.06 min

Lab File: BG028624.D

Acq: 9 Sep 2017 20:56

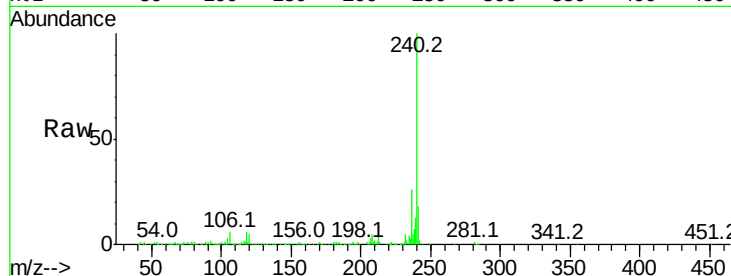
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 869

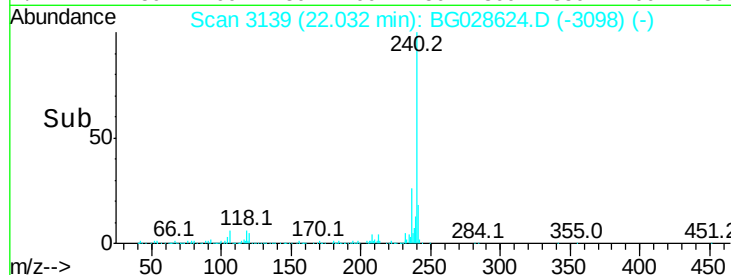
Ion	Ratio	Lower	Upper
228	100		
226	0.0	27.0	40.4#
229	42.2	17.8	26.6#



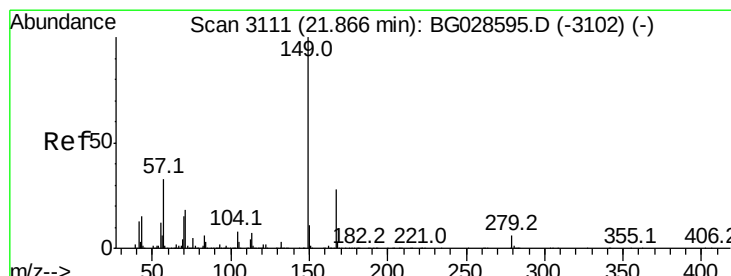
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.517 ng

RT: 21.86 min Scan# 3109

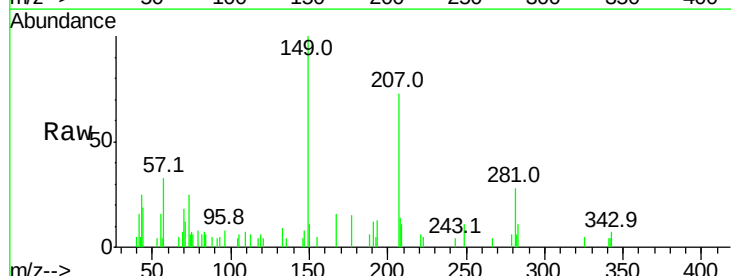
Delta R.T. -0.01 min

Lab File: BG028624.D

Acq: 9 Sep 2017 20:56

Tgt Ion:149 Resp: 5226

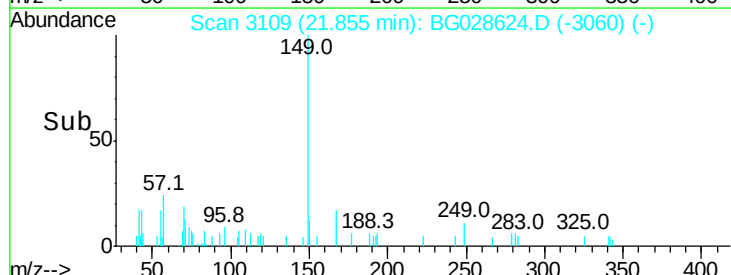
Ion	Ratio	Lower	Upper
149	100		
167	15.6	23.7	35.5#
279	5.7	4.6	6.8



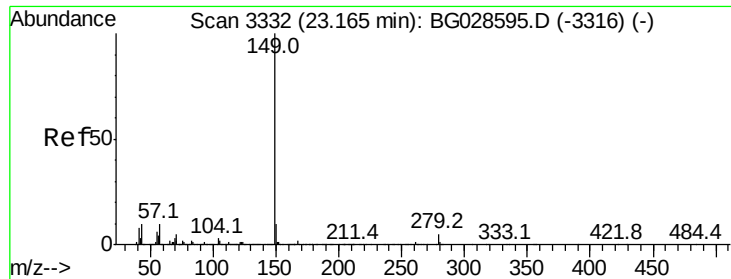
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



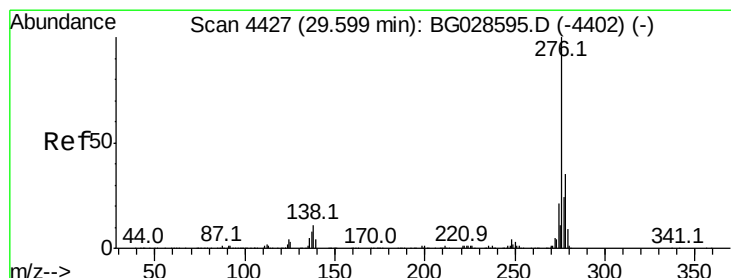
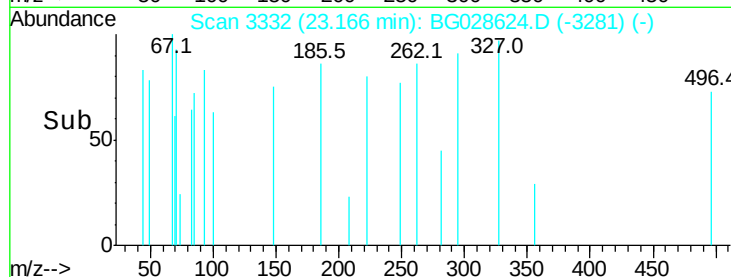
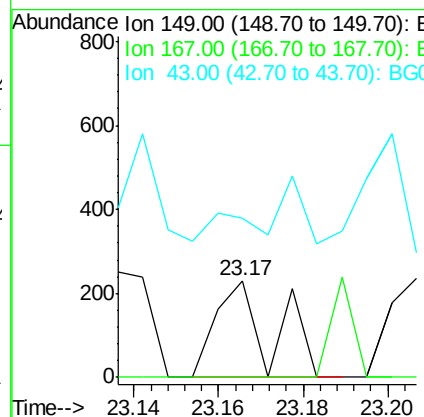
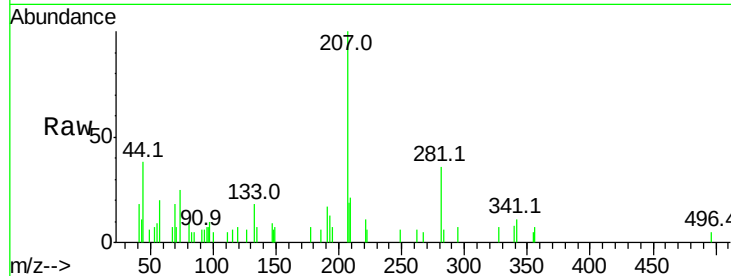
Time-->



#84
 Di-n-octyl phthalate
 Concen: 0.012 ng
 RT: 23.17 min Scan# 3332
 Delta R.T. 0.00 min
 Lab File: BG028624.D
 Acq: 9 Sep 2017 20:56

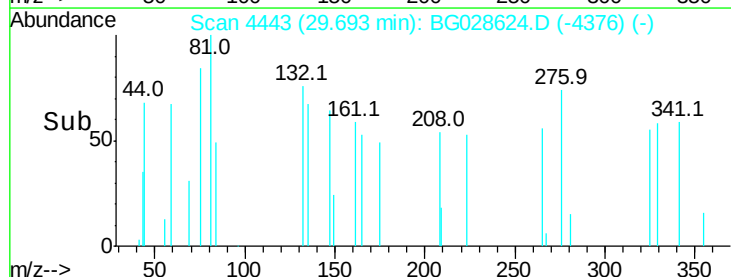
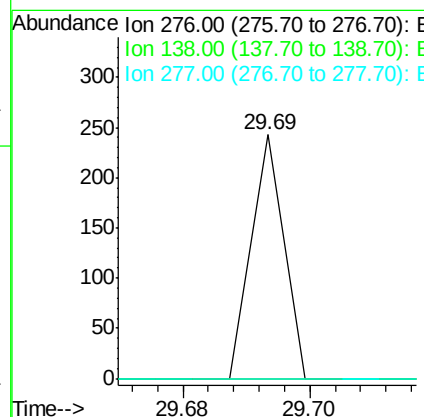
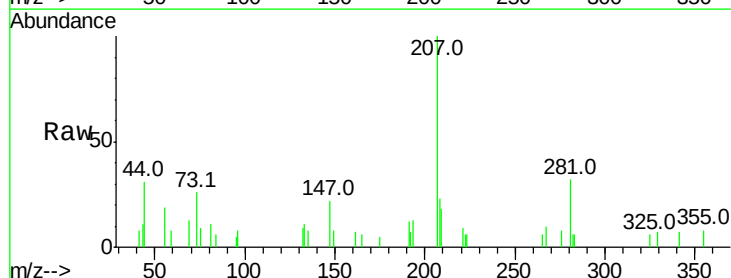
Instrument :
 BNA_G
 ClientSampleId :

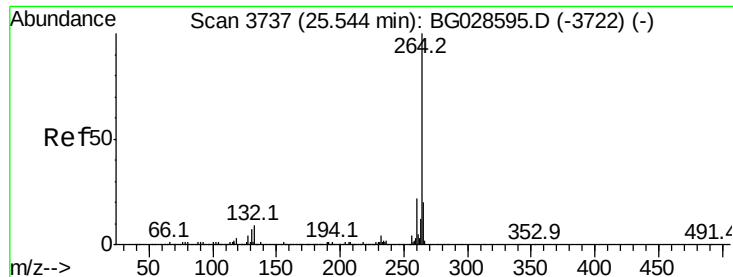
Tot Ion:149 Resp: 214
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.4 2.2#
 43 0.0 11.8 17.6#



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.004 ng
 RT: 29.69 min Scan# 4443
 Delta R.T. 0.09 min
 Lab File: BG028624.D
 Acq: 9 Sep 2017 20:56

Tgt Ion:276 Resp: 86
 Ion Ratio Lower Upper
 276 100
 138 0.0 4.7 7.1#
 277 0.0 20.6 31.0#

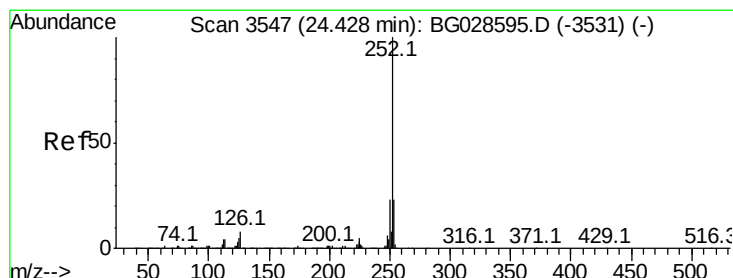
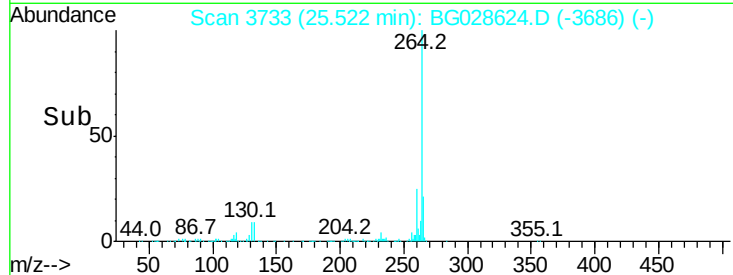
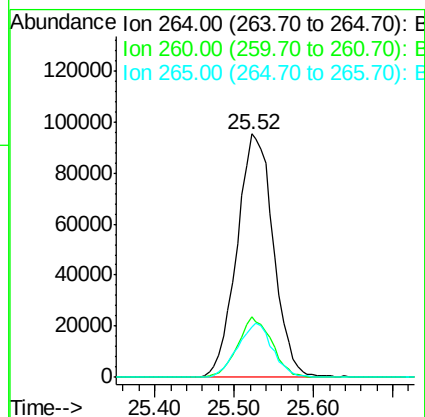
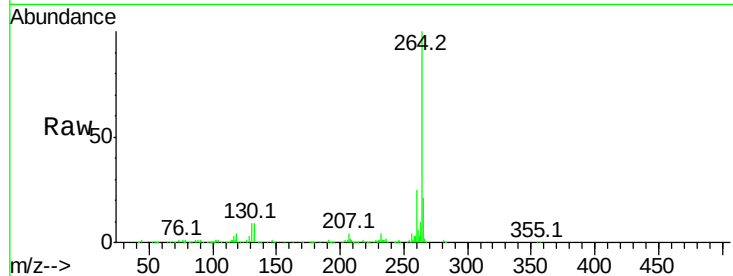




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.52 min Scan# 3733
Delta R.T. -0.02 min
Lab File: BG028624.D
Acq: 9 Sep 2017 20:56

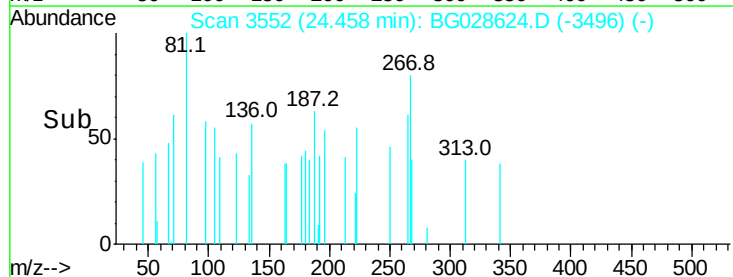
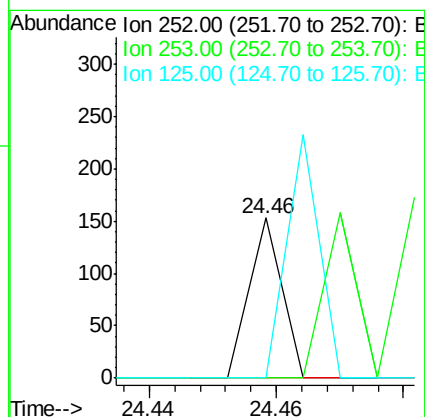
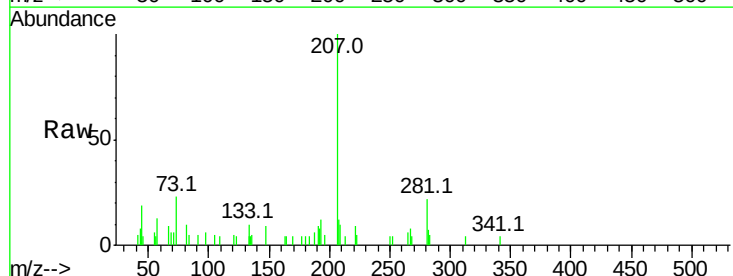
Instrument :
BNA_G
ClientSampleId :

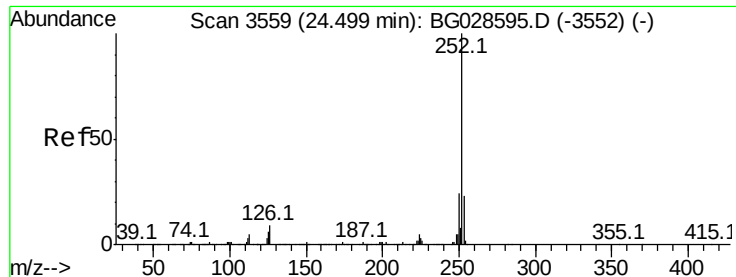
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	21.8	32.8
265	20.6	18.2	27.4



#87
Benzo(b)fluoranthene
Concen: 0.003 ng
RT: 24.46 min Scan# 3552
Delta R.T. 0.03 min
Lab File: BG028624.D
Acq: 9 Sep 2017 20:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.7	28.1#
125	0.0	5.3	7.9#





#88

Benzo(k)fluoranthene

Concen: 0.003 ng

RT: 24.46 min Scan# 3552

Delta R.T. -0.04 min

Lab File: BG028624.D

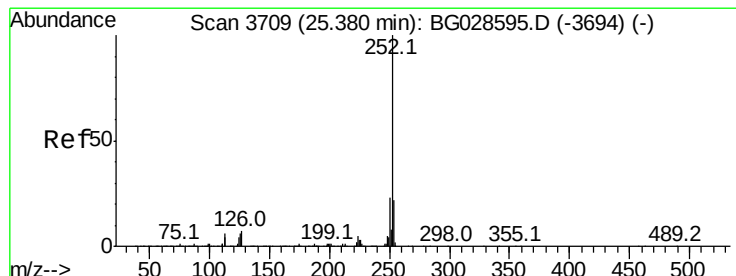
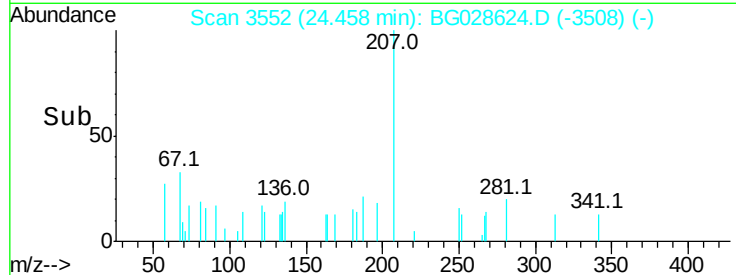
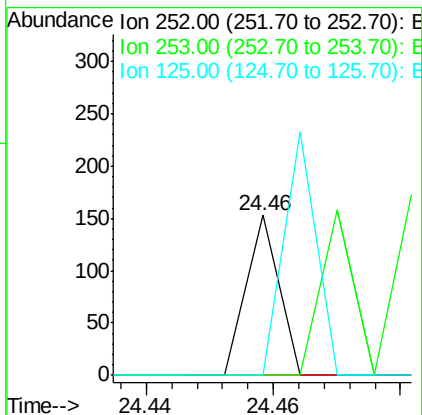
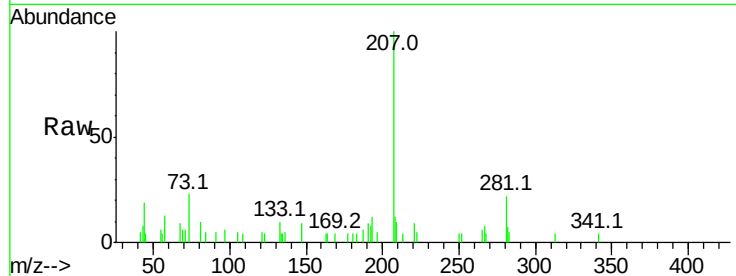
Acq: 9 Sep 2017 20:56

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	252	Resp:	54
Ion Ratio	Lower	Upper	
252	100		
253	0.0	20.2	30.2#
125	0.0	5.1	7.7#



#89

Benzo(a)pyrene

Concen: 0.003 ng

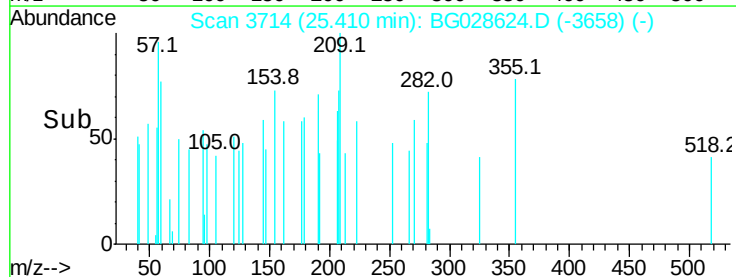
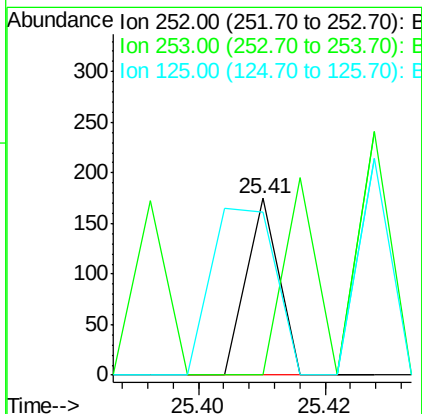
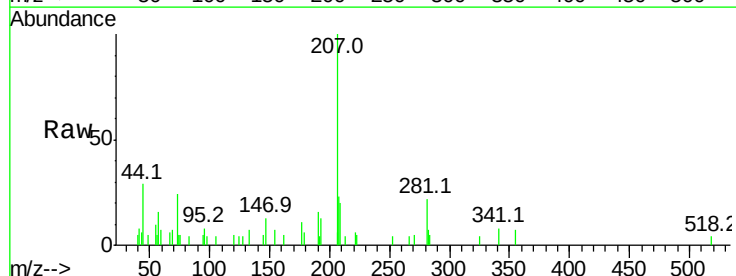
RT: 25.41 min Scan# 3714

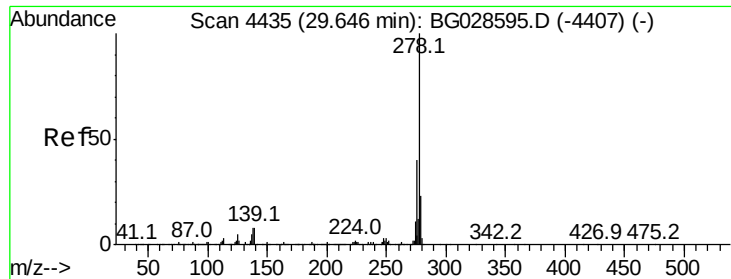
Delta R.T. 0.03 min

Lab File: BG028624.D

Acq: 9 Sep 2017 20:56

Tgt Ion:	252	Resp:	62
Ion Ratio	Lower	Upper	
252	100		
253	0.0	19.2	28.8#
125	92.0	5.4	8.0#





#90

Dibenzo(a,h)anthracene

Concen: 0.003 ng

RT: 29.72 min Scan# 4447

Delta R.T. 0.07 min

Lab File: BG028624.D

Acq: 9 Sep 2017 20:56

Instrument :

BNA_G

ClientSampleId :

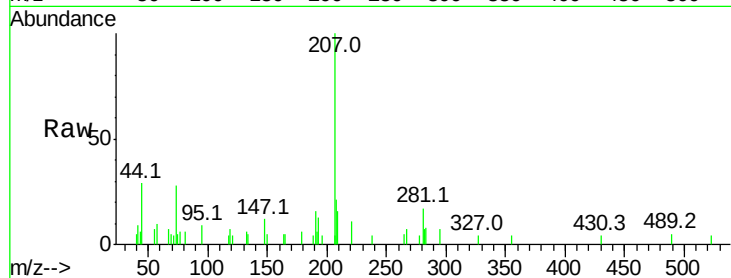
Tot Ion:278 Resp: 62

Ion Ratio Lower Upper

278 100

139 0.0 7.7 11.5#

279 0.0 19.1 28.7#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

