

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122817\
 Data File : BG031828.D
 Acq On : 28 Dec 2017 16:57
 Operator : SJ/JU
 Sample : I6685-06MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-122617-AMS

Quant Time: Dec 28 18:00:18 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	59234	20.00	ng	-0.04
21) Naphthalene-d8	11.69	136	239406	20.00	ng	-0.04
38) Acenaphthene-d10	15.44	164	165460	20.00	ng	-0.03
63) Phenanthrene-d10	18.17	188	402435	20.00	ng	-0.04
75) Chrysene-d12	22.52	240	453155	20.00	ng	-0.05
86) Perylene-d12	26.26	264	500928	20.00	ng	-0.10

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.23	112	407956	125.44	ng	-0.02
7) Phenol-d6	7.91	99	476668	112.89	ng	-0.02
23) Nitrobenzene-d5	10.01	82	308397	97.27	ng	-0.03
41) 2,4,6-Tribromophenol	16.91	330	369297	146.27	ng	-0.03
44) 2-Fluorobiphenyl	14.06	172	1088837	82.60	ng	-0.04
78) Terphenyl-d14	20.69	244	1810426	91.28	ng	-0.04

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.89	88	41122	34.111	ng	# 73
3) Pyridine	4.34	79	62616	19.431	ng	# 74
4) n-Nitrosodimethylamine	4.24	42	49854	38.339	ng	# 85
6) Aniline	8.10	93	27157	4.999	ng	# 89
8) 2-Chlorophenol	8.35	128	161725	42.870	ng	# 81
9) Benzaldehyde	7.90	77	37685	14.822	ng	# 91
10) Phenol	7.93	94	156975	36.824	ng	# 91
11) bis(2-Chloroethyl)ether	8.19	93	131359	37.104	ng	# 80
12) 1,3-Dichlorobenzene	8.69	146	188410	40.218	ng	# 91
13) 1,4-Dichlorobenzene	8.84	146	189705	39.642	ng	# 95
14) 1,2-Dichlorobenzene	9.17	146	179998	39.696	ng	# 96
15) Benzyl Alcohol	9.04	79	125869	39.710	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	9.34	45	134157	46.533	ng	# 84
17) 2-Methylphenol	9.24	107	126623	41.513	ng	# 95
18) Hexachloroethane	9.93	117	57589	39.733	ng	# 81
19) n-Nitroso-di-n-propylamine	9.62	70	99940	34.658	ng	# 85
20) 3+4-Methylphenols	9.57	107	169955	39.205	ng	# 93
22) Acetophenone	9.65	105	230977	41.527	ng	# 85
24) Nitrobenzene	10.05	77	146814	44.931	ng	# 83
25) Isophorone	10.57	82	287326	42.099	ng	# 85
26) 2-Nitrophenol	10.77	139	91701	53.525	ng	# 81
27) 2,4-Dimethylphenol	10.81	122	163497	45.351	ng	# 91
28) bis(2-Chloroethoxy)methane	11.05	93	180183	39.345	ng	# 94
29) 2,4-Dichlorophenol	11.31	162	192864	45.570	ng	# 89
30) 1,2,4-Trichlorobenzene	11.54	180	208674	40.381	ng	# 96
31) Naphthalene	11.74	128	655771	54.276	ng	# 100
32) Benzoic acid	10.92	122	89822	38.135	ng	# 75
33) 4-Chloroaniline	11.83	127	18047	3.355	ng	# 90
34) Hexachlorobutadiene	12.01	225	139974	39.455	ng	# 96
35) Caprolactam	12.58	113	42598	33.205	ng	# 46
36) 4-Chloro-3-methylphenol	12.90	107	174166	44.558	ng	# 82
37) 2-Methylnaphthalene	13.30	142	414795	42.349	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	13.65	216	282002	40.463	ng	# 96
40) Hexachlorocyclopentadiene	13.63	237	337725	91.858	ng	# 92

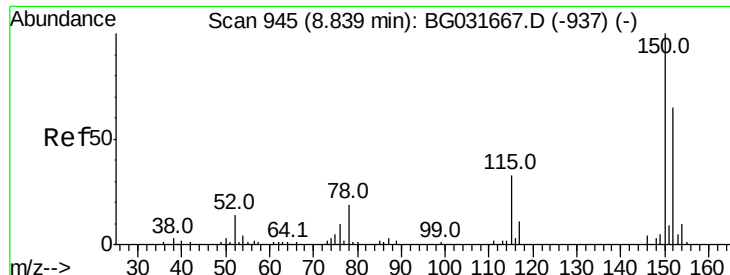
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.88	196	176343	43.886	nq	98
43) 2,4,5-Trichlorophenol	13.95	196	193601	43.476	nq #	92
45) 1,1'-Biphenyl	14.27	154	582212	41.198	nq	96
46) 2-Chloronaphthalene	14.32	162	439246	40.750	nq	96
47) 2-Nitroaniline	14.51	65	87341	46.916	nq #	55
48) Acenaphthylene	15.17	152	669159	38.804	nq	99
49) Dimethylphthalate	14.87	163	583042	39.999	nq #	98
50) 2,6-Dinitrotoluene	14.99	165	133809	49.901	nq #	64
51) Acenaphthene	15.50	154	486237	43.053	nq	97
52) 3-Nitroaniline	15.31	138	16298	6.230	nq #	74
53) 2,4-Dinitrophenol	15.52	184	118472	101.710	nq #	76
54) Dibenzofuran	15.83	168	702521	40.578	nq	98
55) 4-Nitrophenol	15.60	139	170937	80.278	nq #	68
56) 2,4-Dinitrotoluene	15.77	165	183540	53.230	nq #	60
57) Fluorene	16.47	166	569183	40.470	nq	98
58) 2,3,4,6-Tetrachlorophenol	16.03	232	201831	46.456	nq #	84
59) Diethylphthalate	16.21	149	559127	39.355	nq	95
60) 4-Chlorophenyl-phenylether	16.45	204	342595	39.812	nq	91
61) 4-Nitroaniline	16.48	138	61251	23.992	nq #	72
62) Azobenzene	16.74	77	364940	40.054	nq	84
64) 4,6-Dinitro-2-methylphenol	16.52	198	92232	47.264	nq #	66
65) n-Nitrosodiphenylamine	16.66	169	519272	38.851	nq	99
66) 4-Bromophenyl-phenylether	17.34	248	249756	42.918	nq	92
67) Hexachlorobenzene	17.47	284	257615	43.304	nq #	89
68) Atrazine	17.59	200	212662	40.919	nq	99
69) Pentachlorophenol	17.80	266	329892	80.622	nq	98
70) Phenanthrene	18.21	178	939161	41.237	nq	98
71) Anthracene	18.30	178	948535	41.287	nq	99
72) Carbazole	18.56	167	814506	40.056	nq	99
73) Di-n-butylphthalate	19.07	149	913600	40.429	nq	99
74) Fluoranthene	20.17	202	1148101	41.085	nq	96
76) Benzidine	20.33	184	52080	3.724	nq	99
77) Pyrene	20.52	202	1160388	40.088	nq	98
79) Butylbenzylphthalate	21.39	149	412851	42.487	nq #	74
80) Benzo(a)anthracene	22.49	228	1200325	41.641	nq	99
81) 3,3'-Dichlorobenzidine	22.38	252	121517	10.873	nq #	98
82) Chrysene	22.57	228	1123615	41.197	nq	98
83) Bis(2-ethylhexyl)phthalate	22.34	149	587692	41.745	nq #	97
84) Di-n-octyl phthalate	23.74	149	1019992	43.021	nq #	87
85) Indeno(1,2,3-cd)pyrene	30.62	276	1547911	44.239	nq #	88
87) Benzo(b)fluoranthene	25.06	252	1290534	41.503	nq #	97
88) Benzo(k)fluoranthene	25.14	252	1250768	40.194	nq #	97
89) Benzo(a)pyrene	26.09	252	1262343	42.389	nq #	98
90) Dibenzo(a,h)anthracene	30.71	278	1285865	41.808	nq #	96
91) Benzo(g,h,i)perylene	30.62	276	1547911	42.627	nq #	93

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

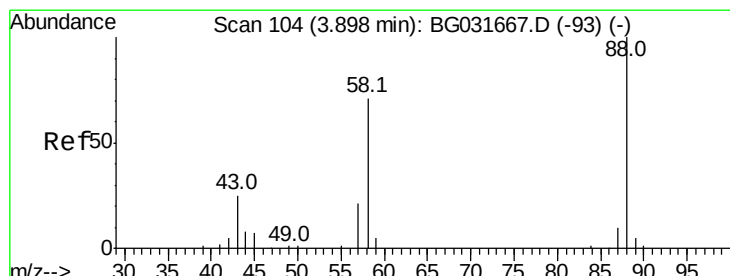
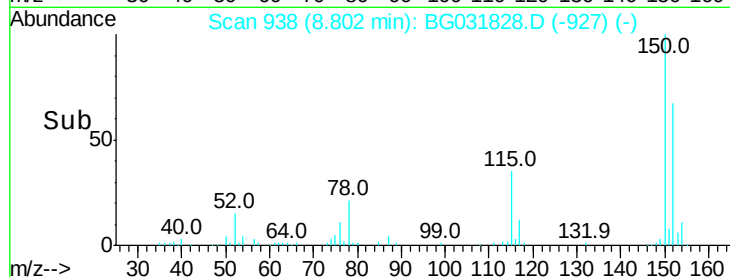
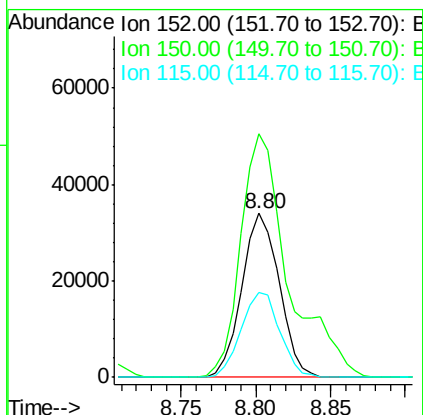
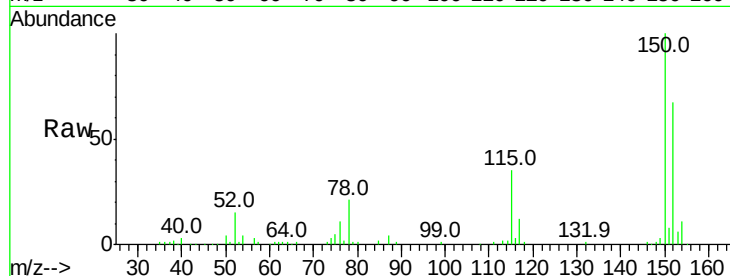


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.80 min Scan# 938
Delta R.T. -0.04 min
Lab File: BG031828.D
Acq: 28 Dec 2017 16:57

Instrument :
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AU-05-122617-AMS

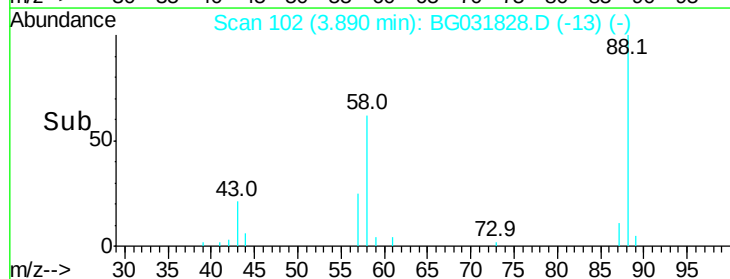
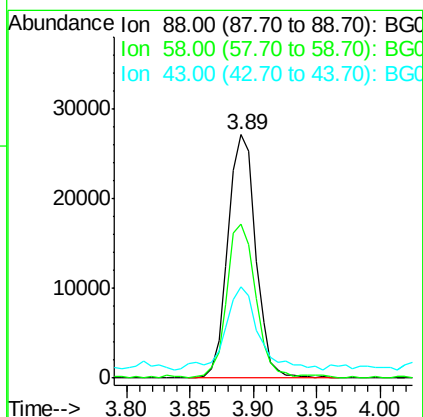
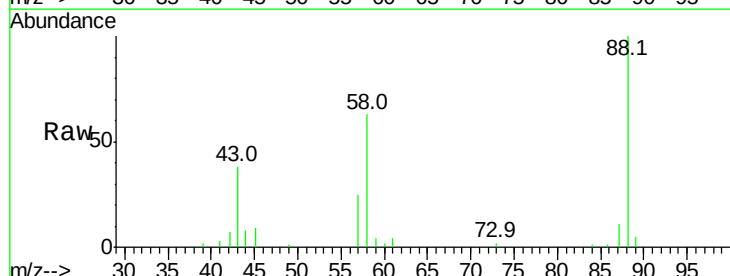
Tot Ion:152 Resp: 59234
Ion Ratio Lower Upper
152 100
150 148.7 126.6 189.8
115 51.7 53.0 79.4#

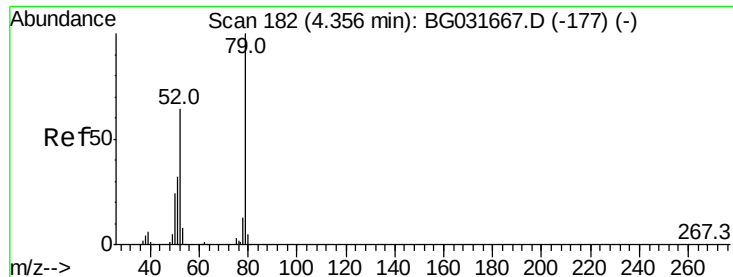


#2

1,4-Dioxane
Concen: 34.111 ng
RT: 3.89 min Scan# 102
Delta R.T. -0.01 min
Lab File: BG031828.D
Acq: 28 Dec 2017 16:57

Tgt Ion: 88 Resp: 41122
Ion Ratio Lower Upper
88 100
58 66.5 79.6 119.4#
43 40.2 27.4 41.0





#3

Pvridine

Concen: 19.431 ng

RT: 4.34 min Scan# 179

Delta R.T. -0.01 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

Instrument :

BNA_G

ClientSampleId :

AU-05-122617-AMS

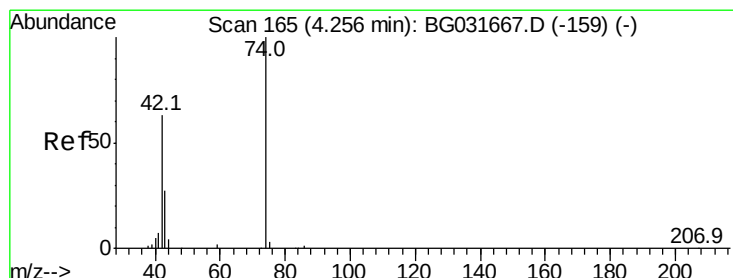
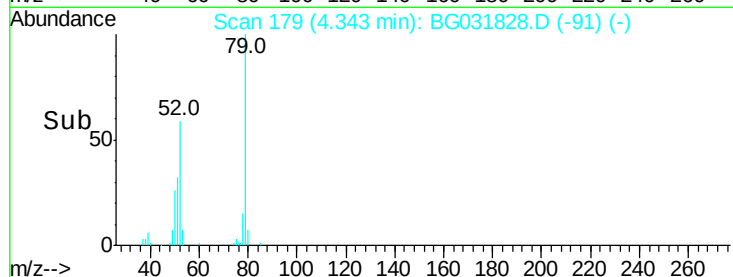
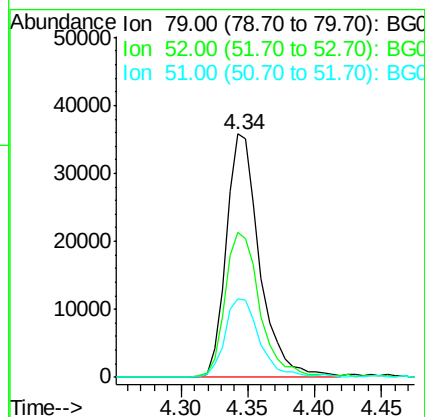
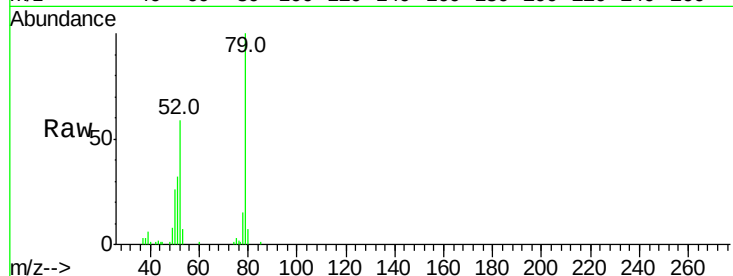
Tot Ion: 79 Resp: 62616

Ion Ratio Lower Upper

79 100

52 59.5 69.9 104.9#

51 32.2 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 38.339 ng

RT: 4.24 min Scan# 161

Delta R.T. -0.02 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

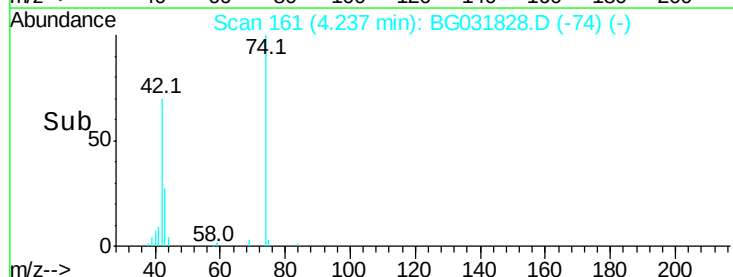
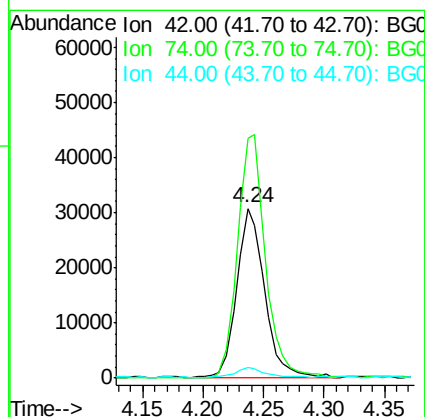
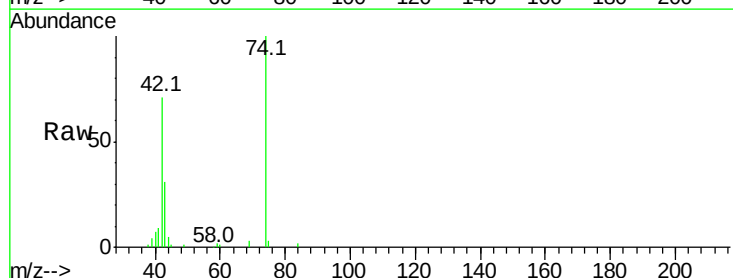
Tgt Ion: 42 Resp: 49854

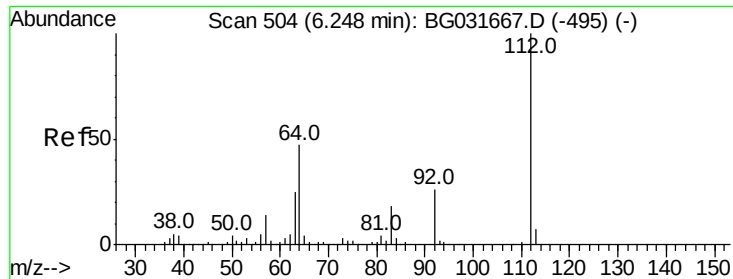
Ion Ratio Lower Upper

42 100

74 140.8 102.5 153.7

44 6.5 18.9 28.3#

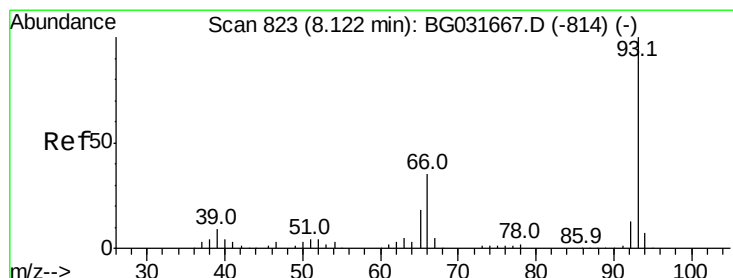
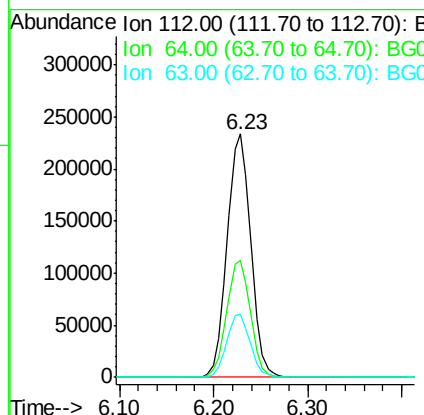
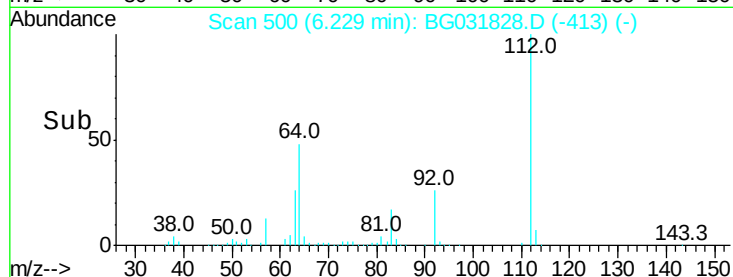
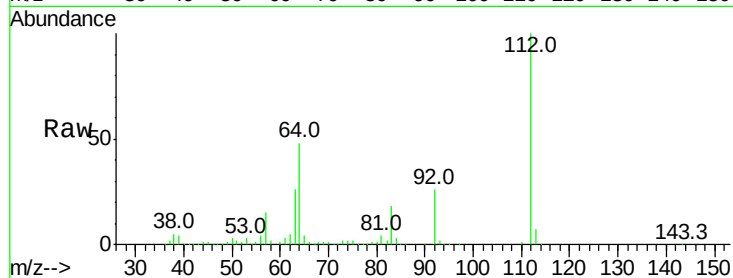




#5
 2-Fluorophenol
 Concen: 125.442 ng
 RT: 6.23 min Scan# 500
 Delta R.T. -0.02 min
 Lab File: BG031828.D
 Acq: 28 Dec 2017 16:57

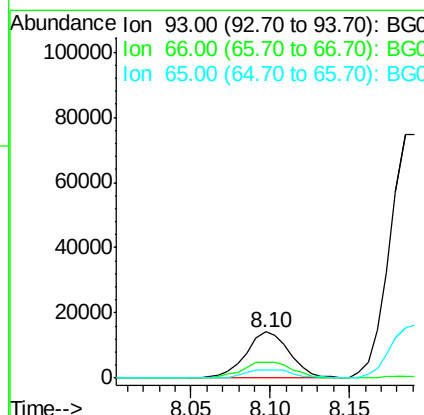
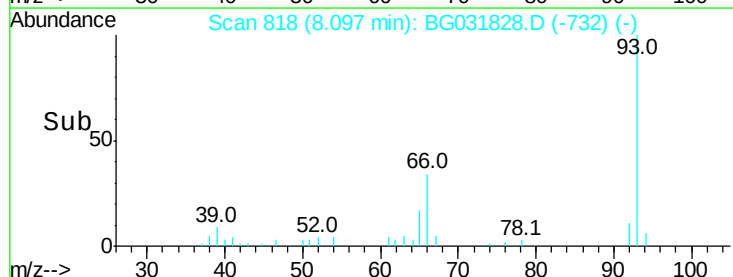
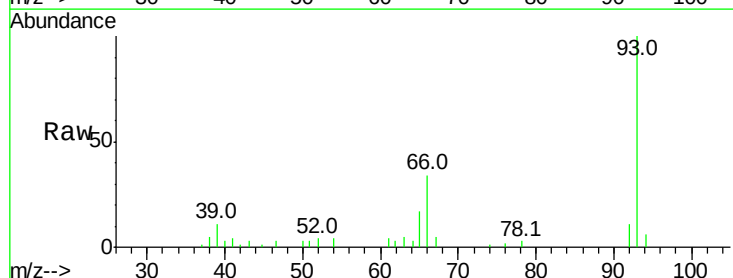
Instrument :
 BNA_G
 ClientSampleId :
 AU-05-122617-AMS

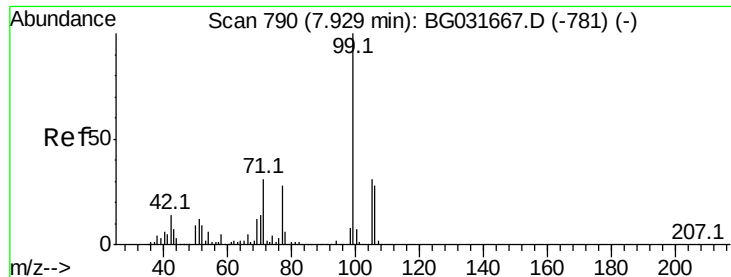
Tot Ion:	112	Resp:	407956
Ion	Ratio	Lower	Upper
112	100		
64	48.2	56.3	84.5#
63	26.0	30.1	45.1#



#6
 Aniline
 Concen: 4.999 ng
 RT: 8.10 min Scan# 818
 Delta R.T. -0.03 min
 Lab File: BG031828.D
 Acq: 28 Dec 2017 16:57

Tgt Ion:	93	Resp:	27157
Ion	Ratio	Lower	Upper
93	100		
66	33.8	33.7	50.5
65	16.9	16.1	24.1





#7

Phenol-d6

Concen: 112.892 ng

RT: 7.91 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

Instrument :

BNA_G

ClientSampleId :

AU-05-122617-AMS

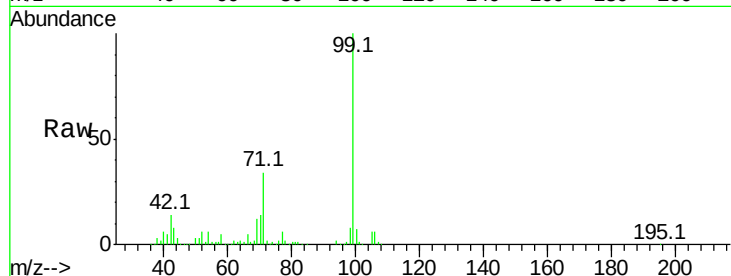
Tot Ion: 99 Resp: 476668

Ion Ratio Lower Upper

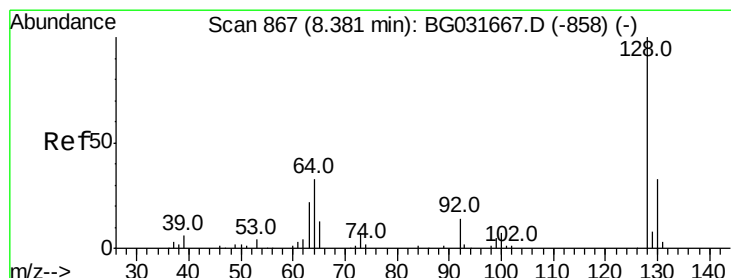
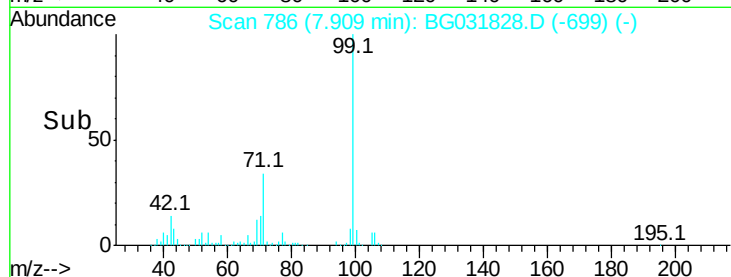
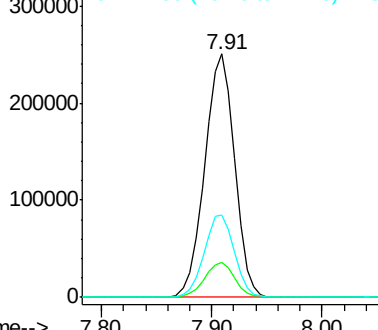
99 100

42 14.3 14.1 21.1

71 33.9 26.1 39.1



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



#8

2-Chlorophenol

Concen: 42.870 ng

RT: 8.35 min Scan# 861

Delta R.T. -0.03 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

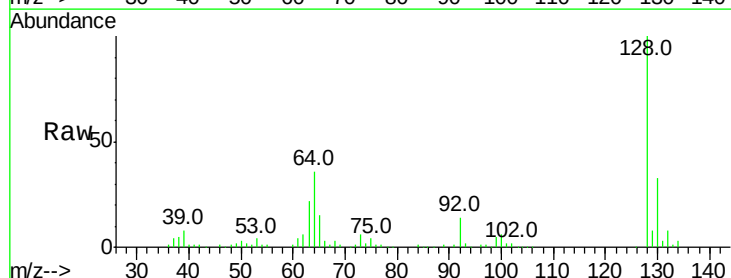
Tgt Ion: 128 Resp: 161725

Ion Ratio Lower Upper

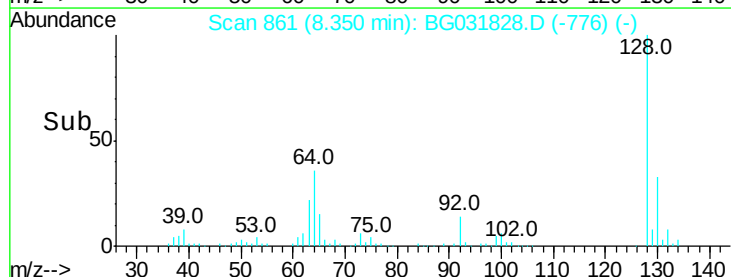
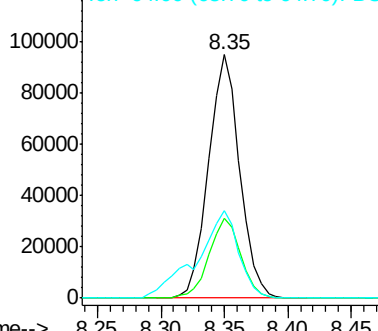
128 100

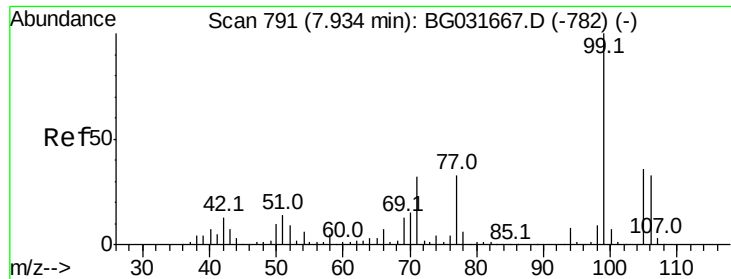
130 32.8 14.0 54.0

64 35.8 37.7 77.7#



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





#9

Benzaldehyde

Concen: 14.822 ng

RT: 7.90 min Scan# 784

Delta R.T. -0.04 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

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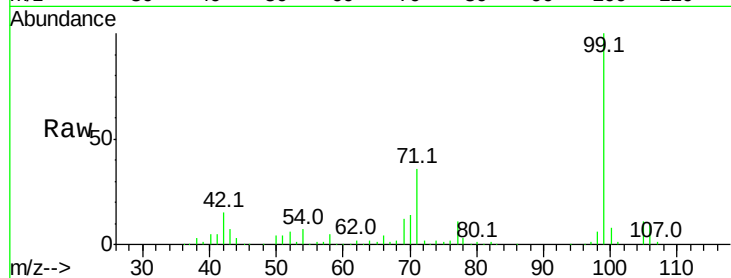
Tot Ion: 77 Resp: 37685

Ion Ratio Lower Upper

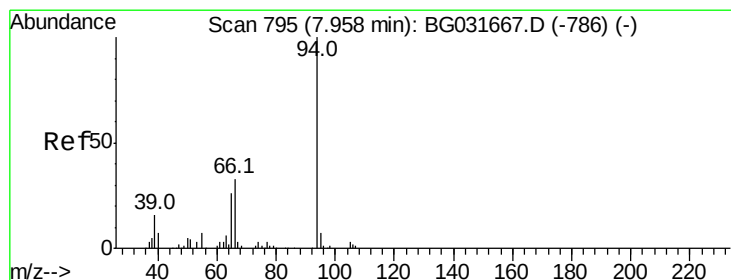
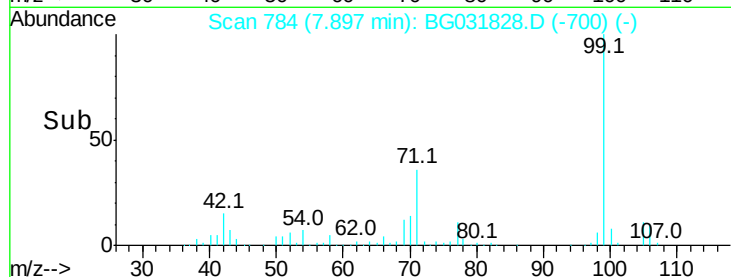
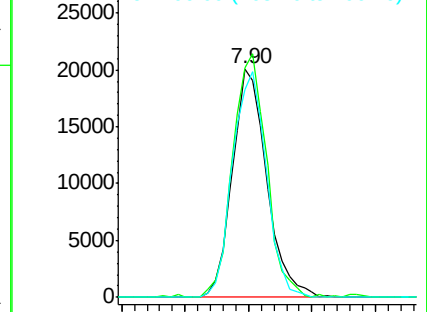
77 100

105 100.3 71.3 111.3

106 91.2 64.2 104.2



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: 36.824 ng

RT: 7.93 min Scan# 790

Delta R.T. -0.03 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

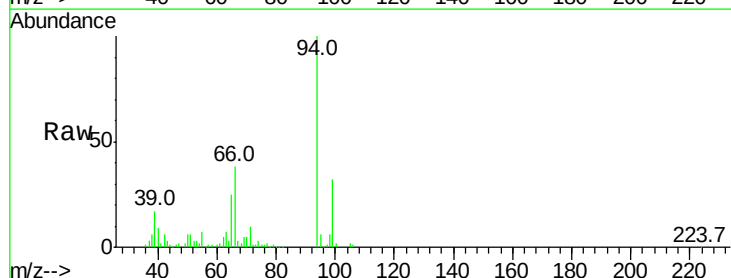
Tgt Ion: 94 Resp: 156975

Ion Ratio Lower Upper

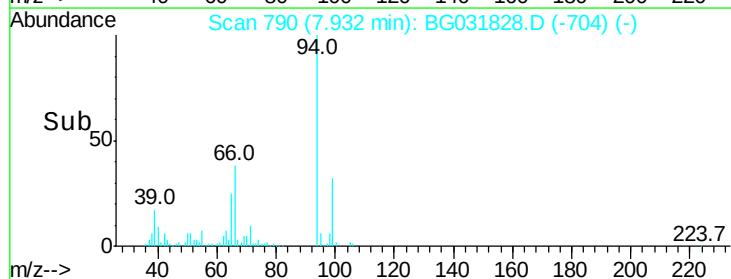
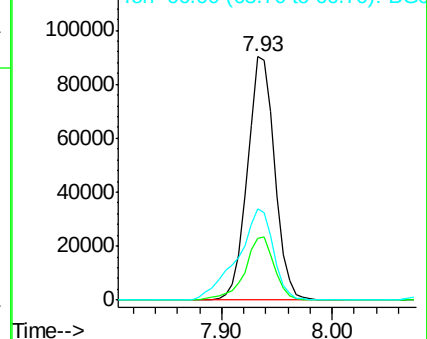
94 100

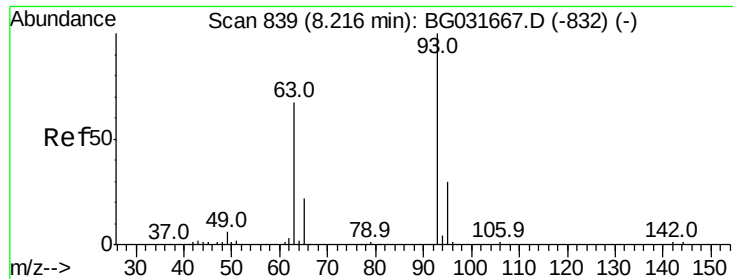
65 25.4 11.9 51.9

66 37.7 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 37.104 ng

RT: 8.19 min Scan# 833

Delta R.T. -0.03 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

Instrument :

BNA_G

ClientSampleId :

AU-05-122617-AMS

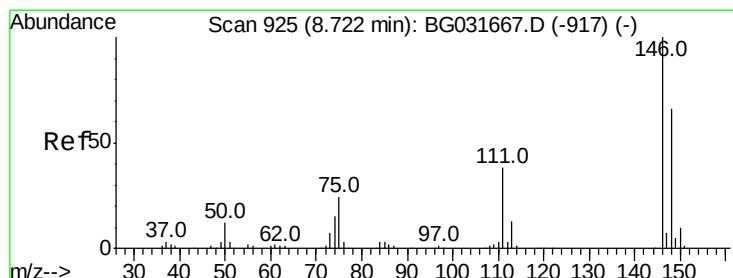
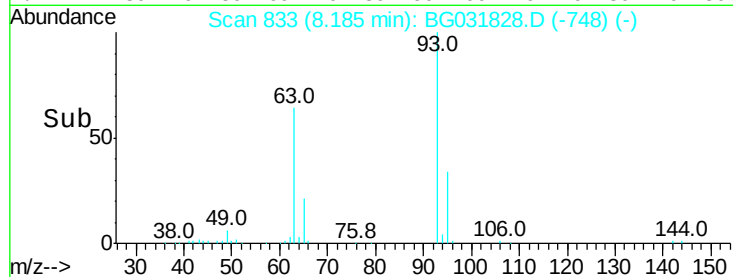
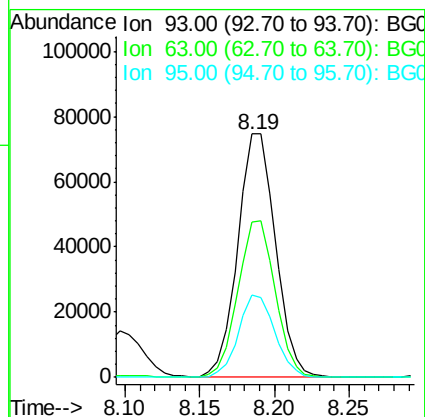
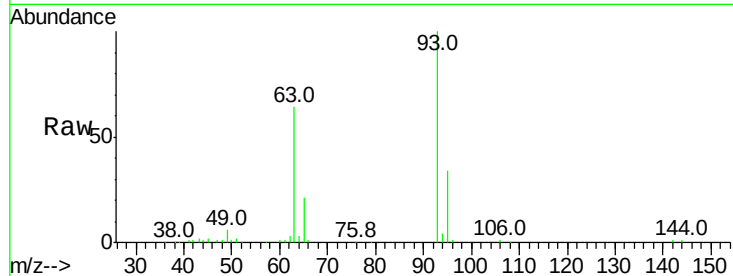
Tot Ion: 93 Resp: 131359

Ion Ratio Lower Upper

93 100

63 63.9 67.1 107.1#

95 34.0 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 40.218 ng

RT: 8.69 min Scan# 919

Delta R.T. -0.03 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

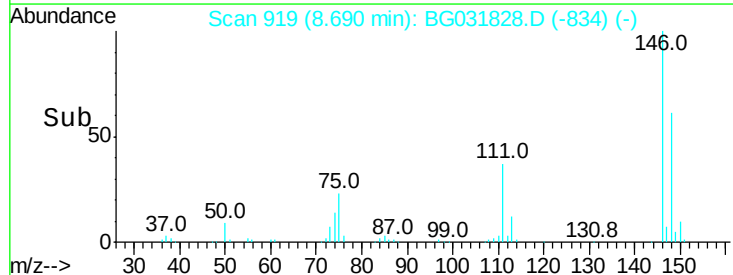
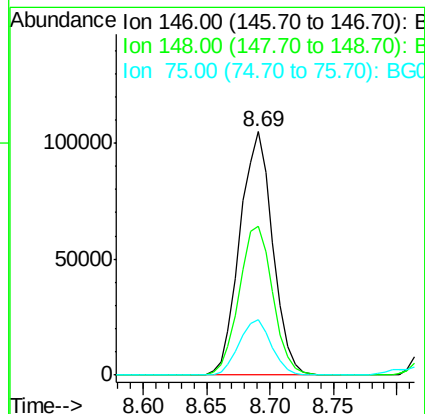
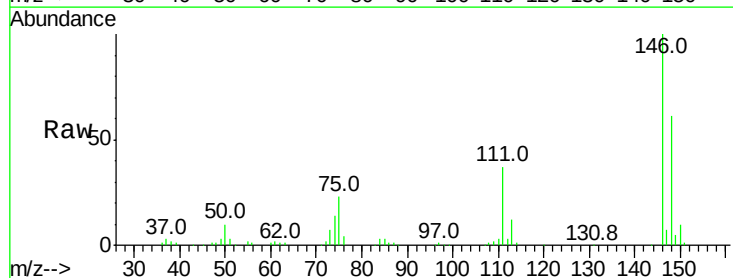
Tgt Ion: 146 Resp: 188410

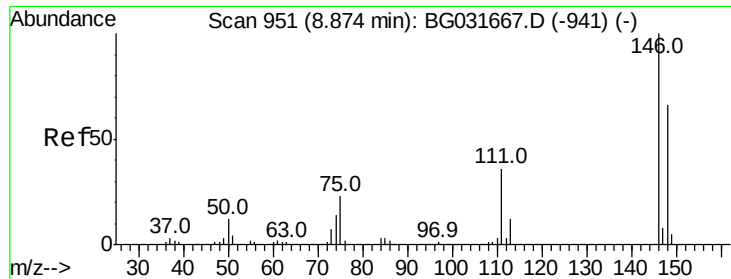
Ion Ratio Lower Upper

146 100

148 60.9 51.4 77.2

75 22.8 26.6 39.8#

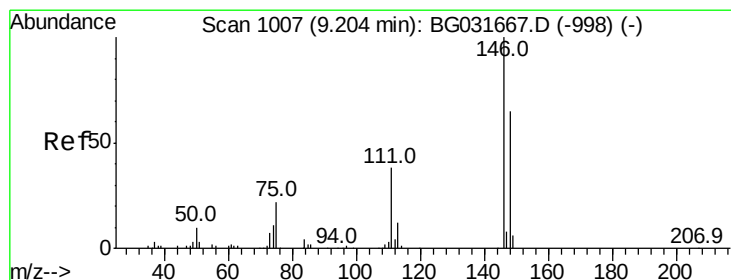
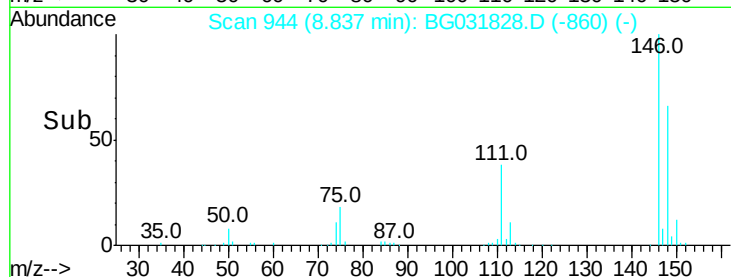
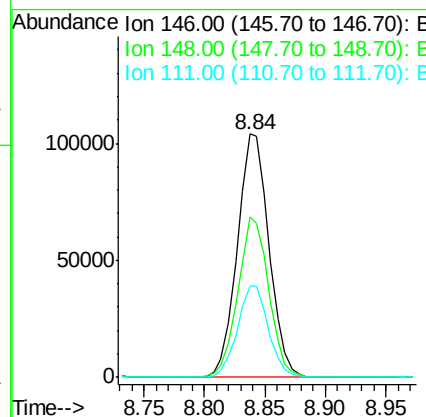
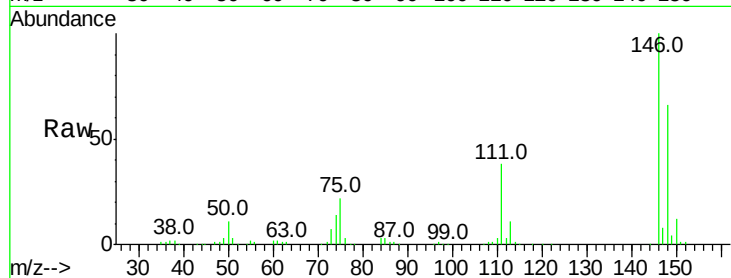




#13
 1,4-Dichlorobenzene
 Concen: 39.642 ng
 RT: 8.84 min Scan# 944
 Delta R.T. -0.04 min
 Lab File: BG031828.D
 Acq: 28 Dec 2017 16:57

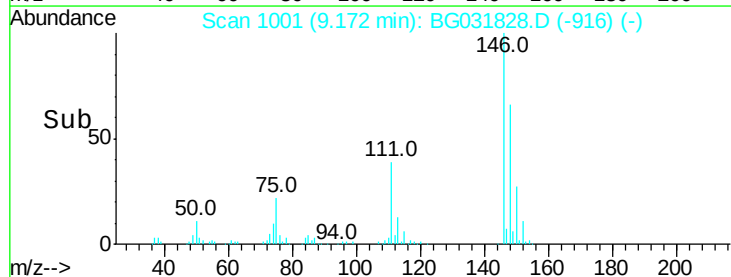
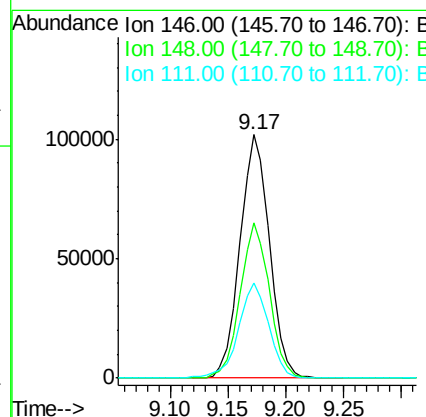
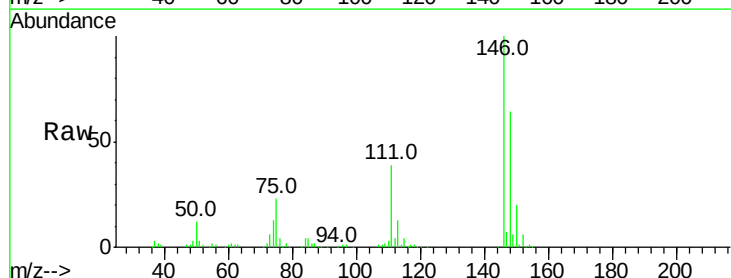
Instrument :
 BNA_G
 ClientSampleId :
 AU-05-122617-AMS

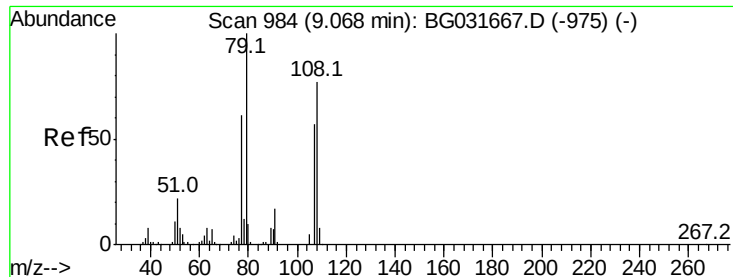
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	53.7	80.5
111	37.5	35.2	52.8



#14
 1,2-Dichlorobenzene
 Concen: 39.696 ng
 RT: 9.17 min Scan# 1001
 Delta R.T. -0.03 min
 Lab File: BG031828.D
 Acq: 28 Dec 2017 16:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	49.3	73.9
111	39.2	34.3	51.5





#15

Benzyl Alcohol

Concen: 39.710 ng

RT: 9.04 min Scan# 978

Delta R.T. -0.03 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

Instrument :

BNA_G

ClientSampleId :

AU-05-122617-AMS

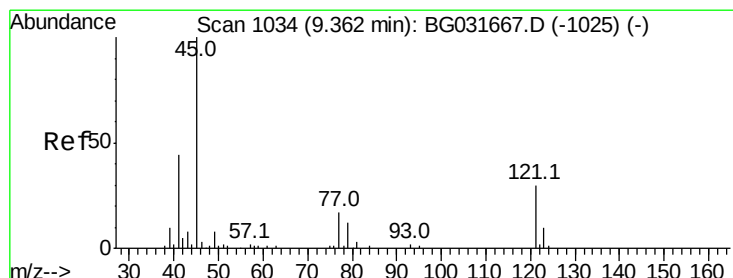
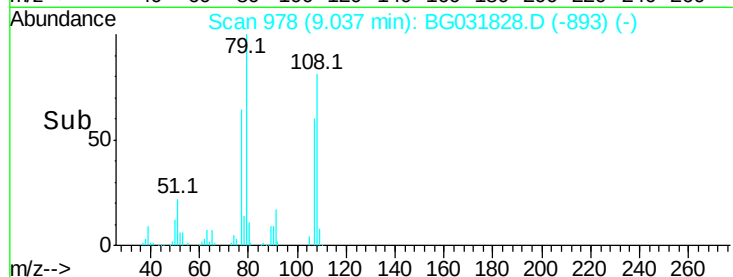
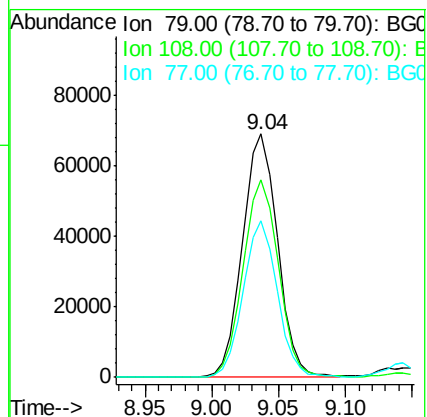
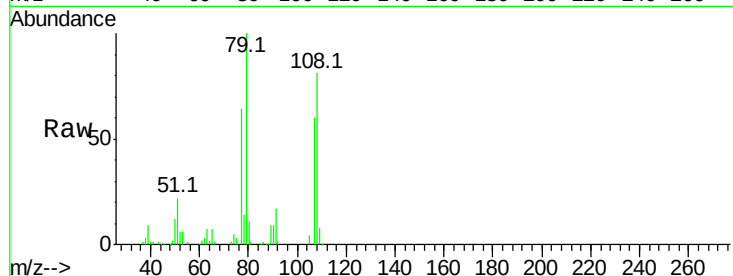
Tot Ion: 79 Resp: 125869

Ion Ratio Lower Upper

79 100

108 81.3 57.2 85.8

77 64.2 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.533 ng

RT: 9.34 min Scan# 1029

Delta R.T. -0.03 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

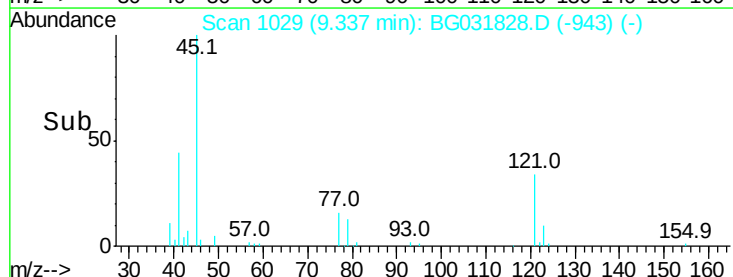
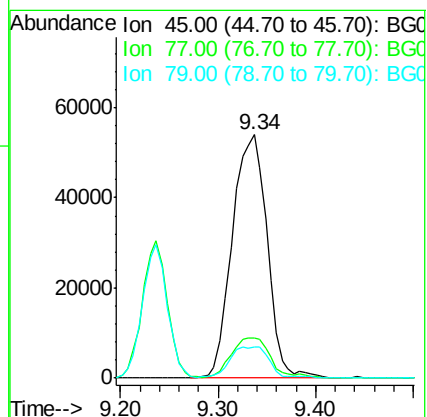
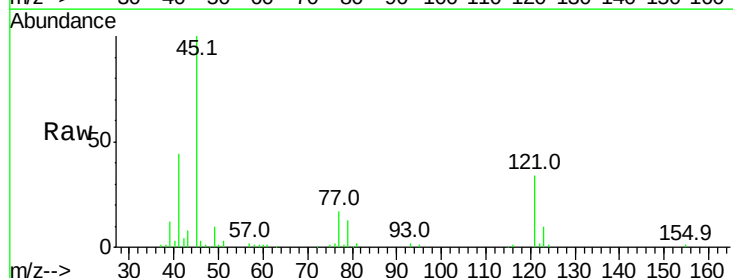
Tgt Ion: 45 Resp: 134157

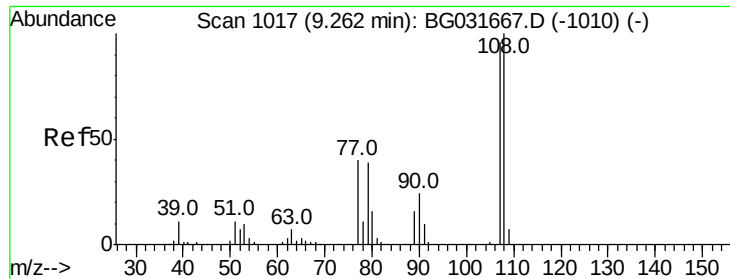
Ion Ratio Lower Upper

45 100

77 16.6 0.0 30.2

79 13.0 0.0 27.9





#17

2-Methylphenol

Concen: 41.513 ng

RT: 9.24 min Scan# 1012

Delta R.T. -0.03 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

Instrument :

BNA_G

ClientSampleId :

AU-05-122617-AMS

Tot Ion:107 Resp: 126623

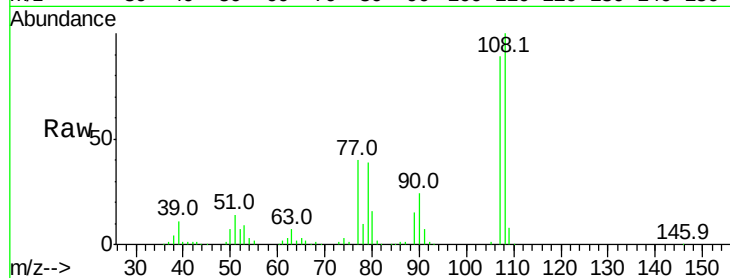
Ion Ratio Lower Upper

107 100

108 112.4 83.9 125.9

77 45.1 37.2 55.8

79 43.8 36.2 54.2

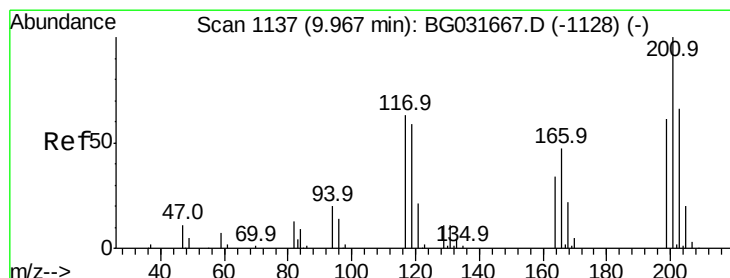
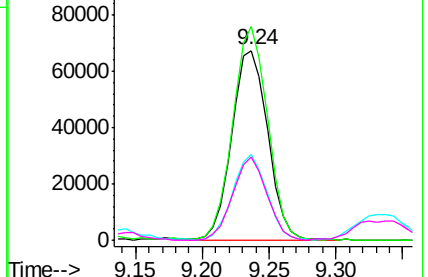
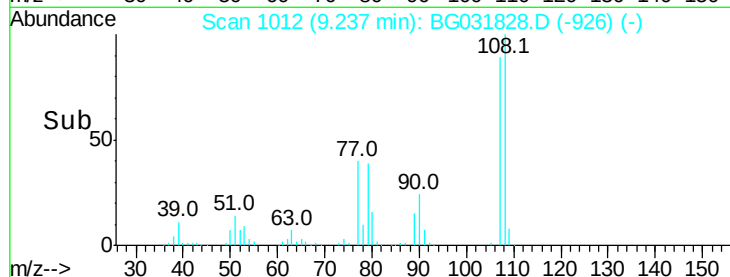


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 39.733 ng

RT: 9.93 min Scan# 1130

Delta R.T. -0.04 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

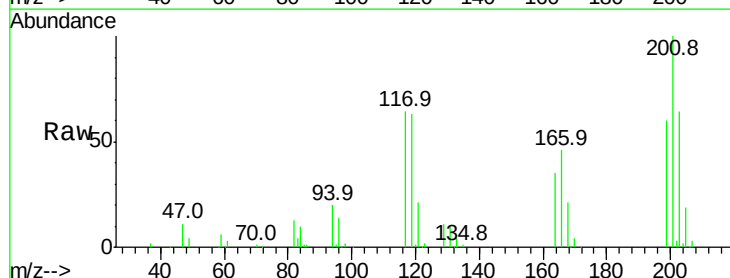
Tgt Ion:117 Resp: 57589

Ion Ratio Lower Upper

117 100

119 98.1 76.7 115.1

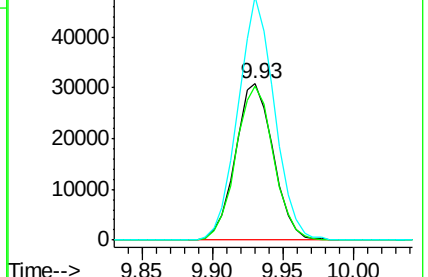
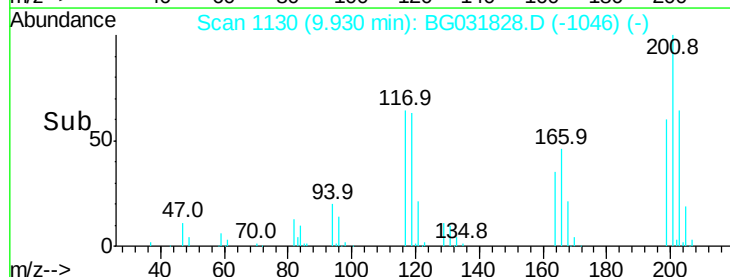
201 155.6 95.7 143.5#

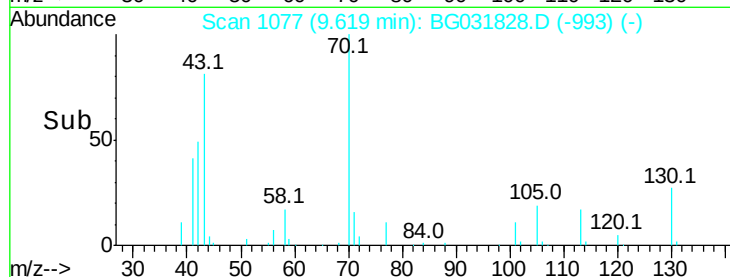
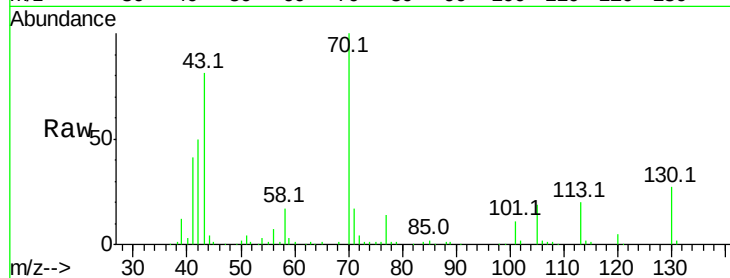
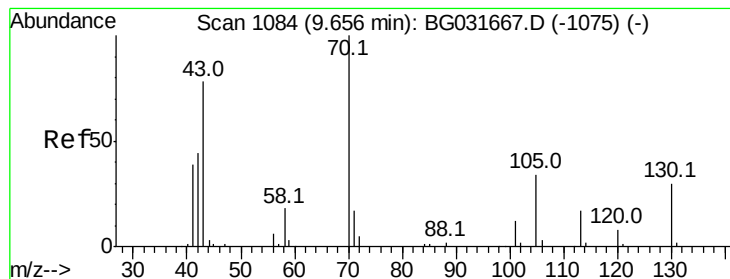


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 34.658 ng

RT: 9.62 min Scan# 1077

Delta R.T. -0.04 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

Instrument :

BNA_G

ClientSampleId :

AU-05-122617-AMS

Tot Ion: 70 Resp: 99940

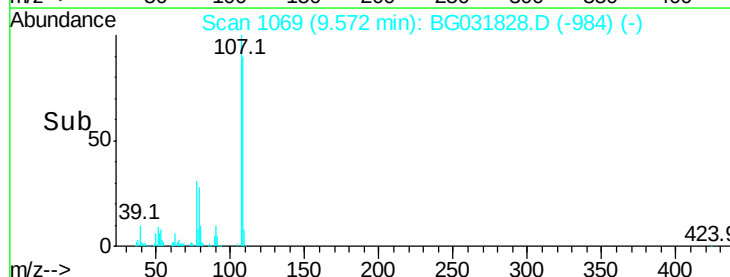
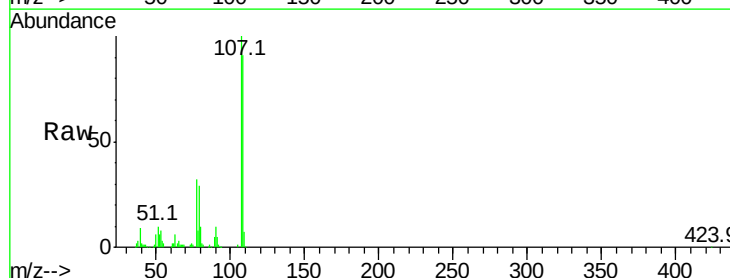
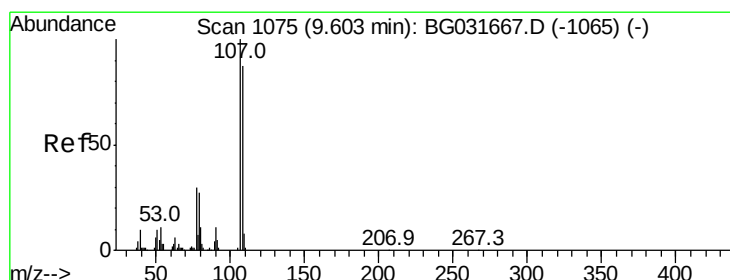
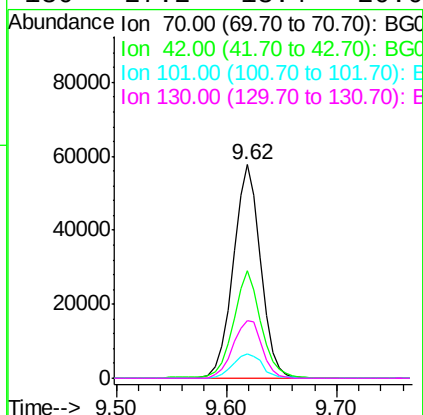
Ion Ratio Lower Upper

70 100

42 50.3 49.1 73.7

101 11.3 8.5 12.7

130 27.2 13.4 20.0#



#20

3+4-Methylphenols

Concen: 39.205 ng

RT: 9.57 min Scan# 1069

Delta R.T. -0.03 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

Tgt Ion:107 Resp: 169955

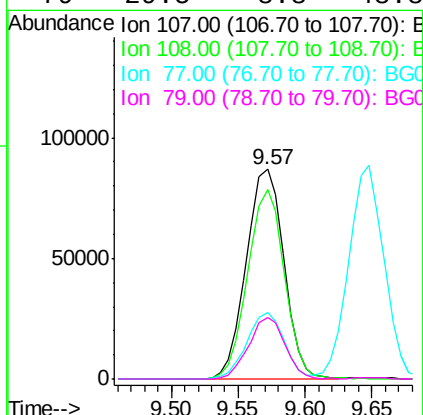
Ion Ratio Lower Upper

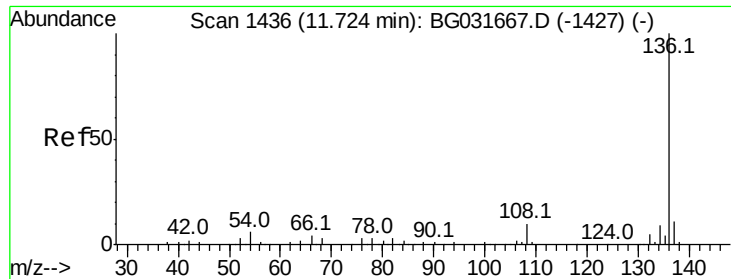
107 100

108 90.5 61.6 101.6

77 32.0 13.9 53.9

79 29.5 8.8 48.8

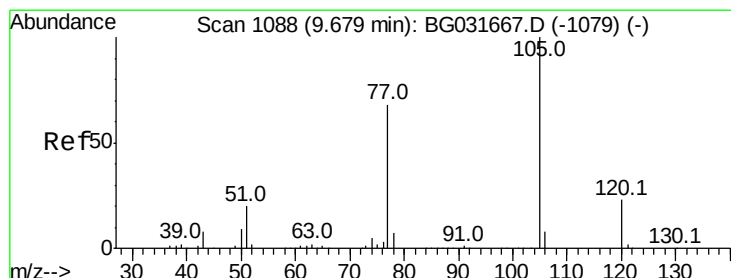
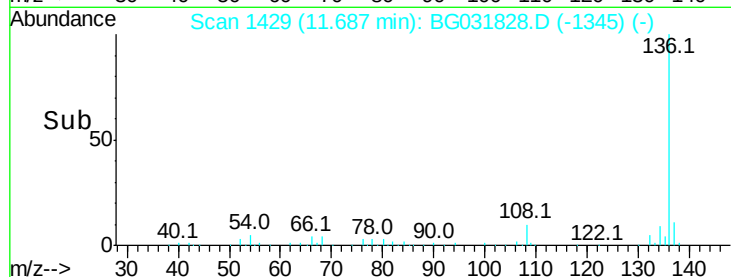
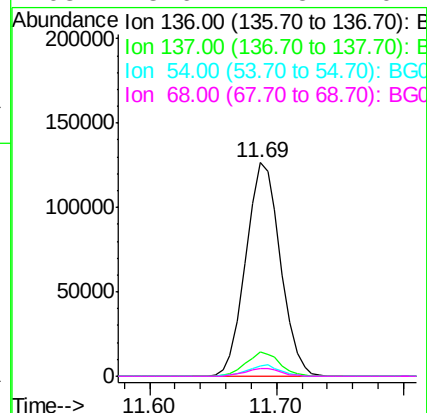
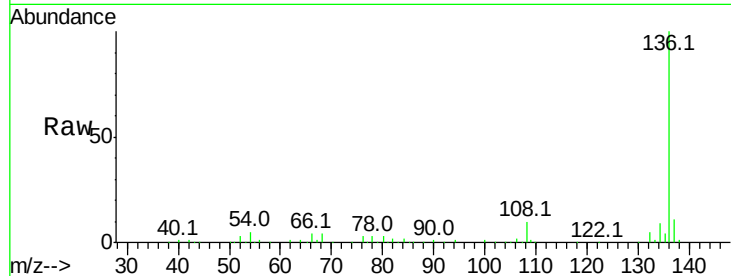




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.69 min Scan# 1429
Delta R.T. -0.04 min
Lab File: BG031828.D
Acq: 28 Dec 2017 16:57

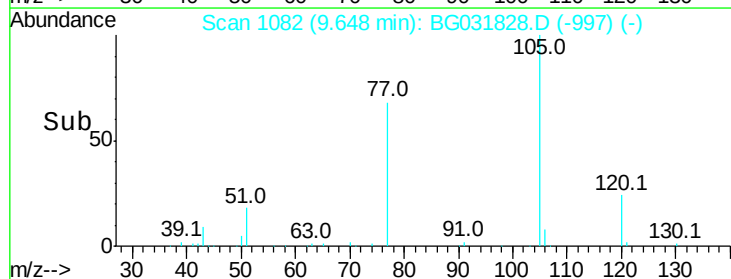
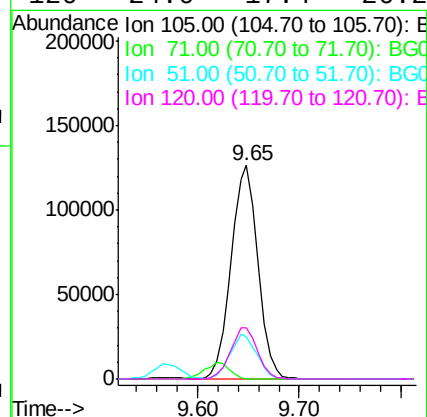
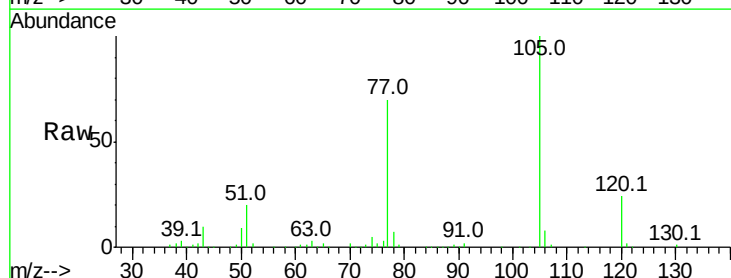
Instrument :
BNA_G
ClientSampleId :
AU-05-122617-AMS

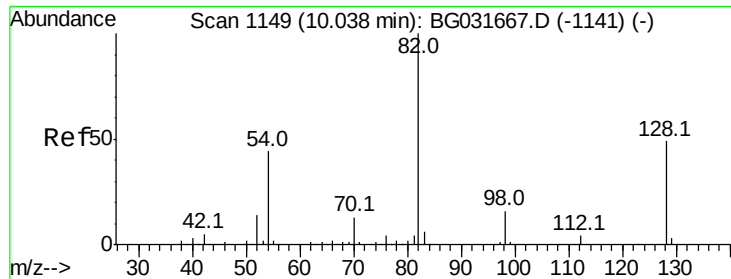
Tot Ion:	136	Resp:	239406
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	4.9	10.3	15.5#
68	3.6	4.5	6.7#



#22
Acetophenone
Concen: 41.527 ng
RT: 9.65 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BG031828.D
Acq: 28 Dec 2017 16:57

Tgt Ion:	105	Resp:	230977
Ion	Ratio	Lower	Upper
105	100		
71	0.2	3.0	4.4#
51	19.5	26.1	39.1#
120	24.0	17.4	26.2

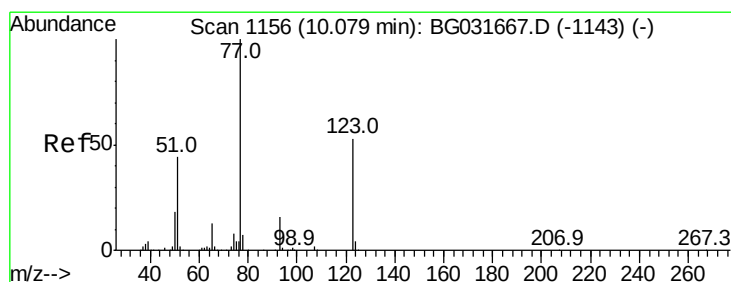
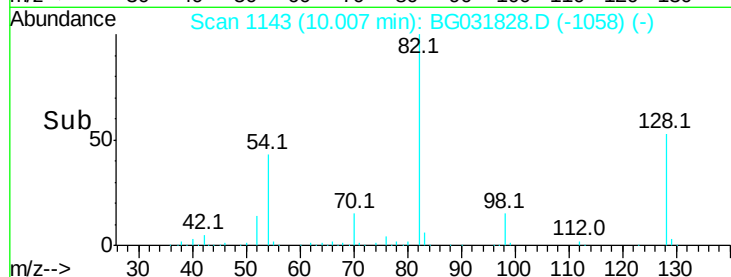
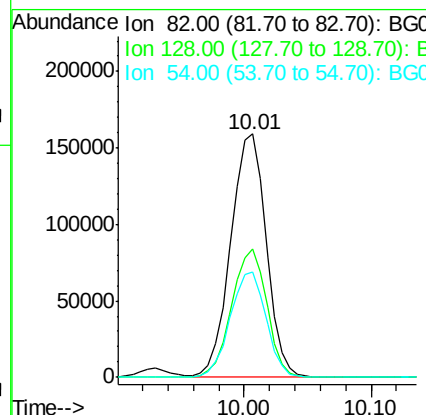
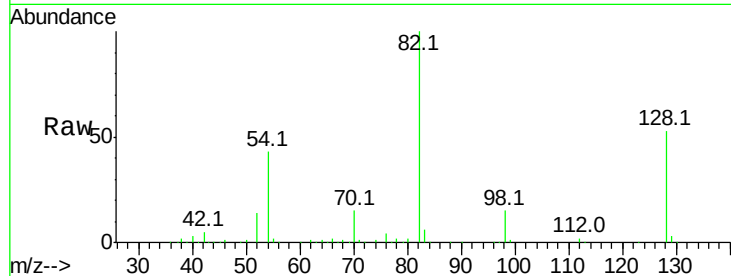




#23
 Nitrobenzene-d5
 Concen: 97.273 ng
 RT: 10.01 min Scan# 1143
 Delta R.T. -0.03 min
 Lab File: BG031828.D
 Acq: 28 Dec 2017 16:57

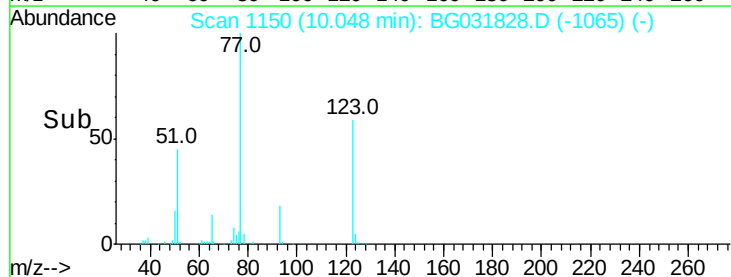
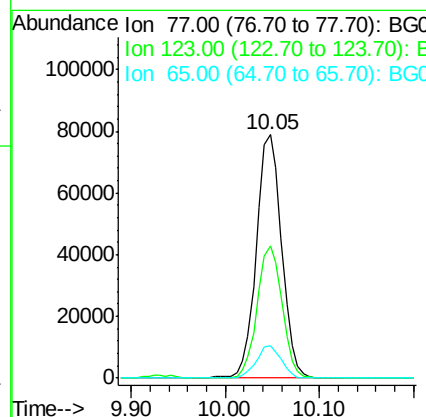
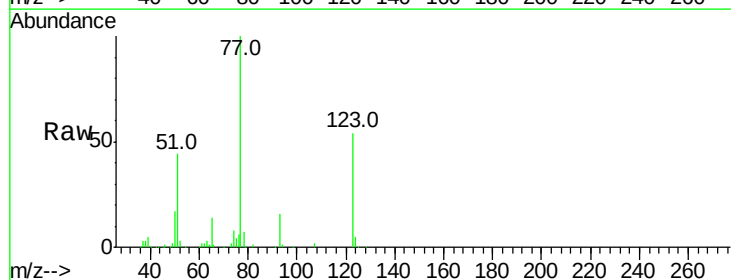
Instrument :
 BNA_G
 ClientSampleId :
 AU-05-122617-AMS

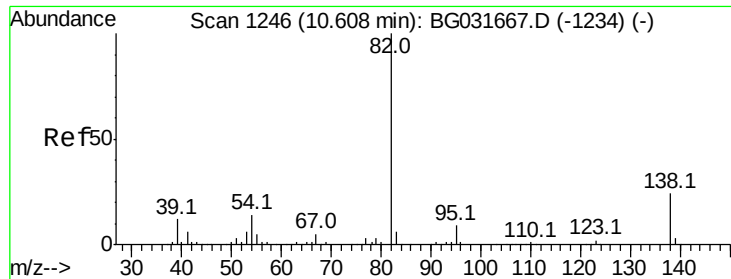
Tot Ion: 82 Resp: 308397
 Ion Ratio Lower Upper
 82 100
 128 53.0 29.7 44.5#
 54 43.2 43.1 64.7



#24
 Nitrobenzene
 Concen: 44.931 ng
 RT: 10.05 min Scan# 1150
 Delta R.T. -0.03 min
 Lab File: BG031828.D
 Acq: 28 Dec 2017 16:57

Tgt Ion: 77 Resp: 146814
 Ion Ratio Lower Upper
 77 100
 123 54.4 33.0 49.6#
 65 13.6 13.0 19.6





#25

Isophorone

Concen: 42.099 ng

RT: 10.57 min Scan# 1239

Delta R.T. -0.04 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

Instrument :

BNA_G

ClientSampleId :

AU-05-122617-AMS

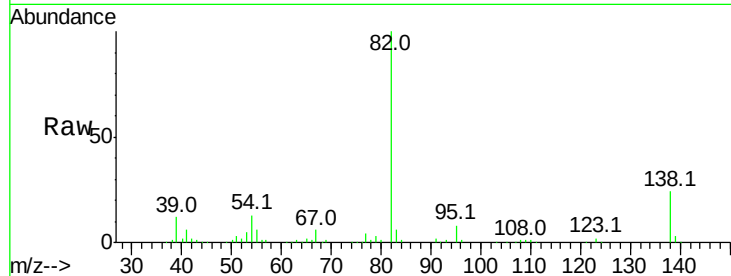
Tot Ion: 82 Resp: 287326

Ion Ratio Lower Upper

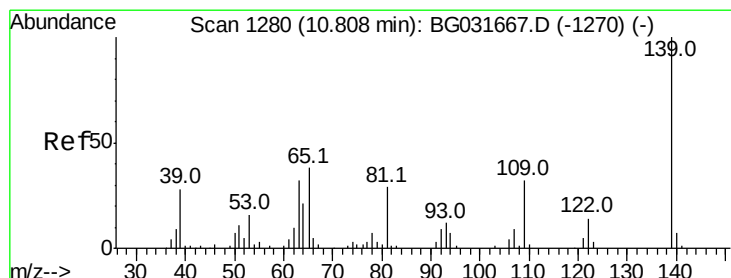
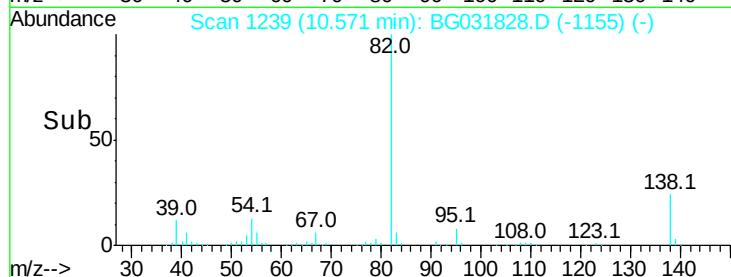
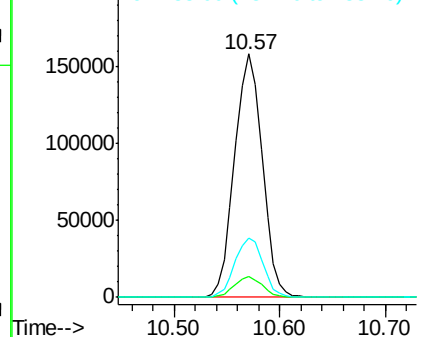
82 100

95 8.4 6.2 9.2

138 24.4 12.1 18.1#



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: 53.525 ng

RT: 10.77 min Scan# 1273

Delta R.T. -0.04 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

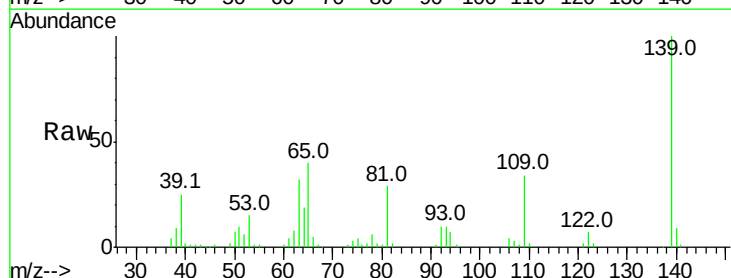
Tgt Ion:139 Resp: 91701

Ion Ratio Lower Upper

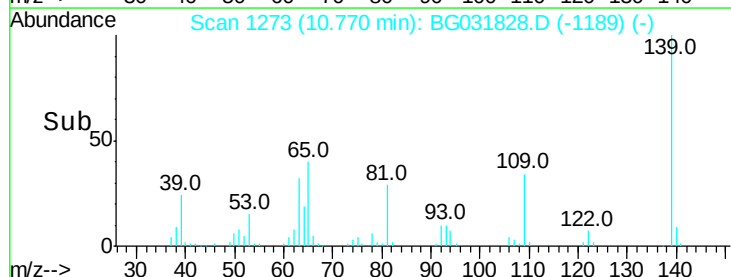
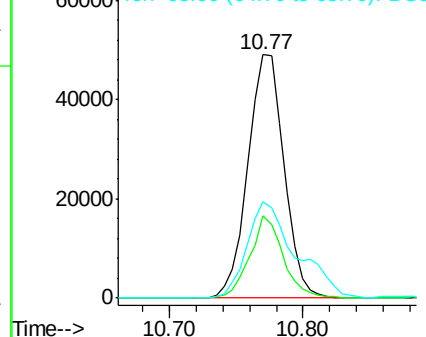
139 100

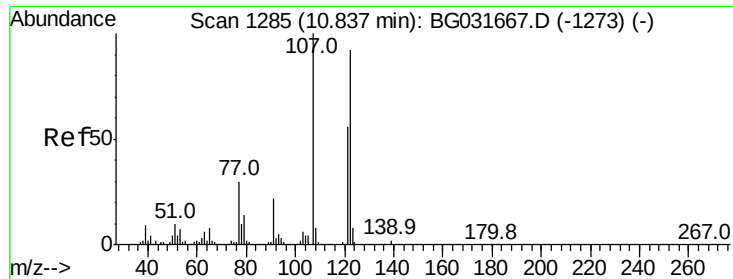
109 33.6 24.2 36.2

65 39.6 47.4 71.0#



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

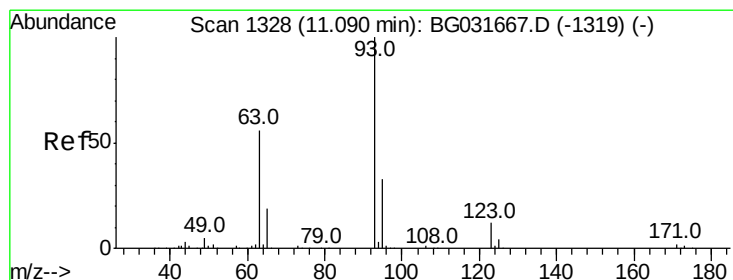
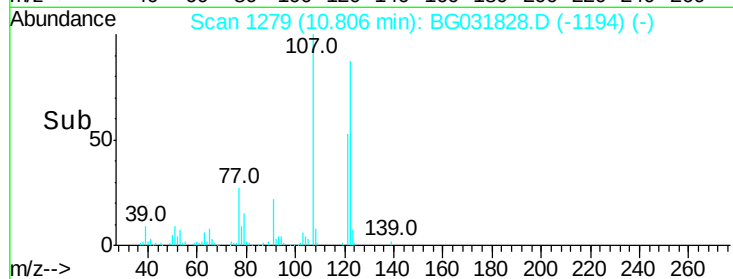
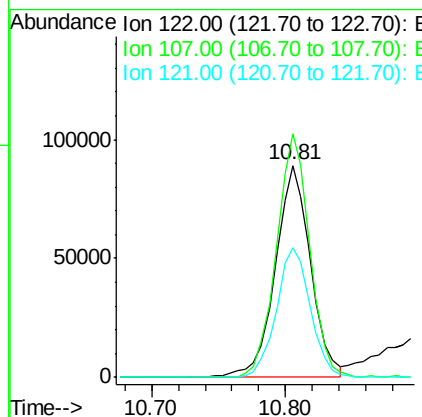
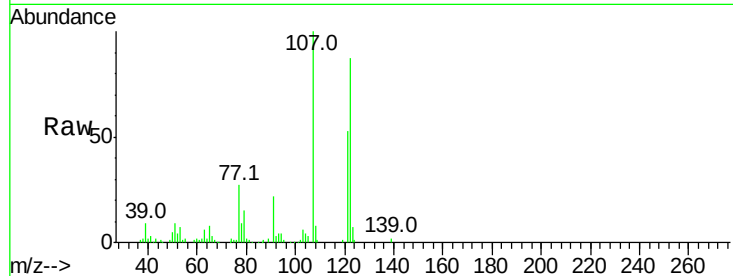




#27
 2,4-Dimethylphenol
 Concen: 45.351 ng
 RT: 10.81 min Scan# 1279
 Delta R.T. -0.03 min
 Lab File: BG031828.D
 Acq: 28 Dec 2017 16:57

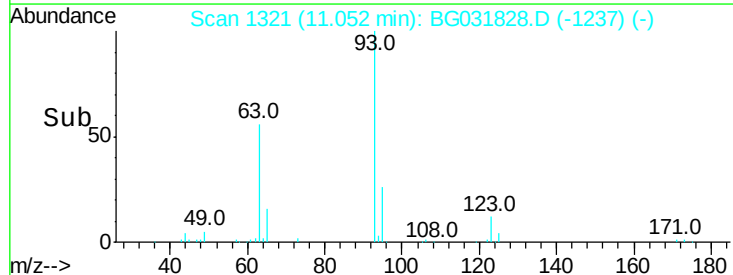
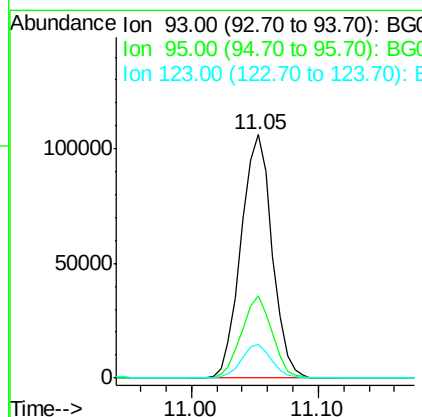
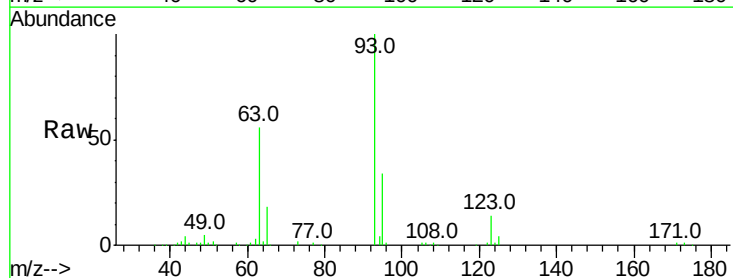
Instrument :
 BNA_G
 ClientSampleId :
 AU-05-122617-AMS

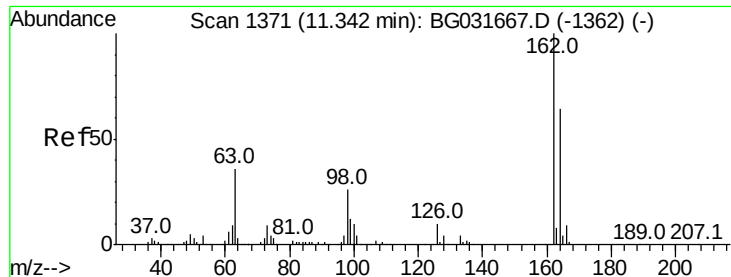
Tot Ion	Ratio	Lower	Upper
122	100		
107	114.7	100.2	150.2
121	61.1	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.345 ng
 RT: 11.05 min Scan# 1321
 Delta R.T. -0.04 min
 Lab File: BG031828.D
 Acq: 28 Dec 2017 16:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	24.3	36.5
123	13.6	8.4	12.6

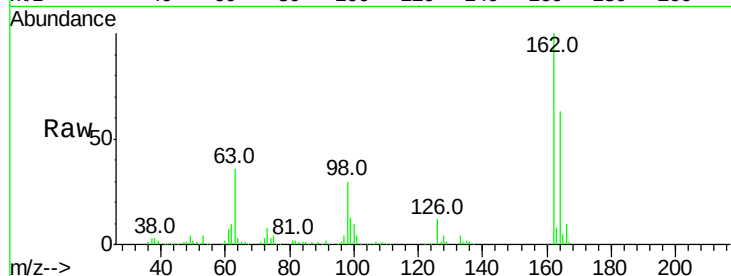




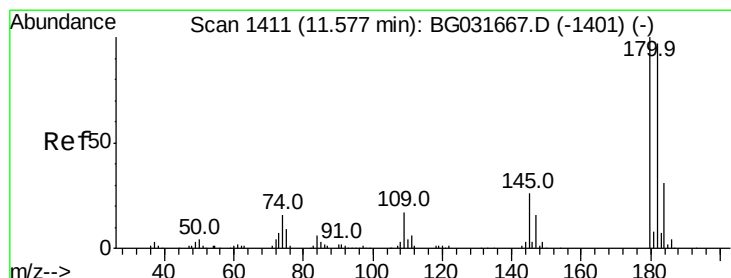
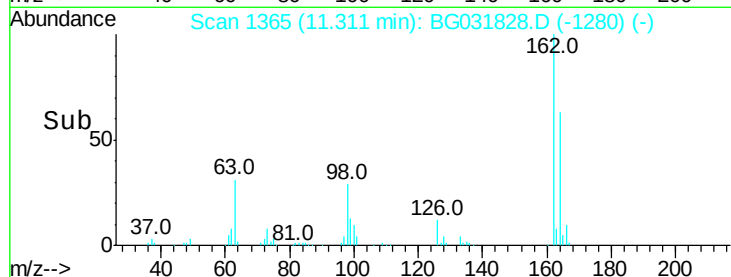
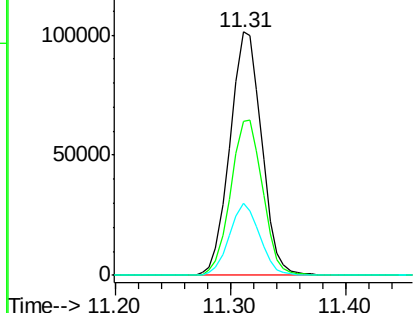
#29
 2,4-Dichlorophenol
 Concen: 45.570 ng
 RT: 11.31 min Scan# 1365
 Delta R.T. -0.03 min
 Lab File: BG031828.D
 Acq: 28 Dec 2017 16:57

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-122617-AMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	48.0	88.0
98	29.7	21.1	61.1

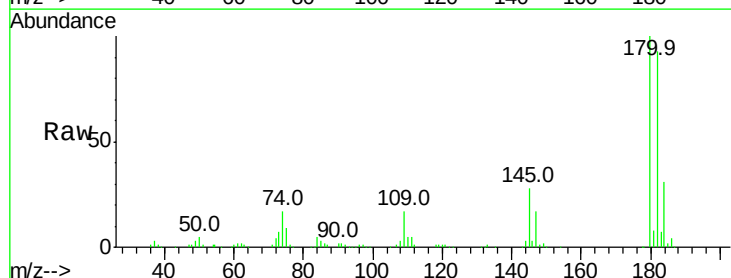


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

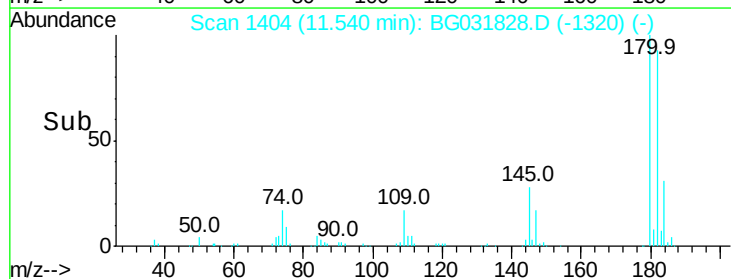
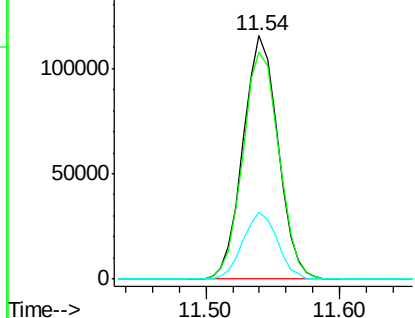


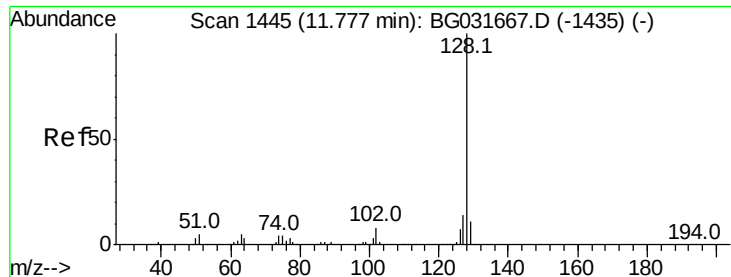
#30
 1,2,4-Trichlorobenzene
 Concen: 40.381 ng
 RT: 11.54 min Scan# 1404
 Delta R.T. -0.04 min
 Lab File: BG031828.D
 Acq: 28 Dec 2017 16:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	77.5	116.3
145	27.6	23.4	35.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 54.276 ng

RT: 11.74 min Scan# 1438

Delta R.T. -0.04 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

Instrument :

BNA_G

ClientSampleId :

AU-05-122617-AMS

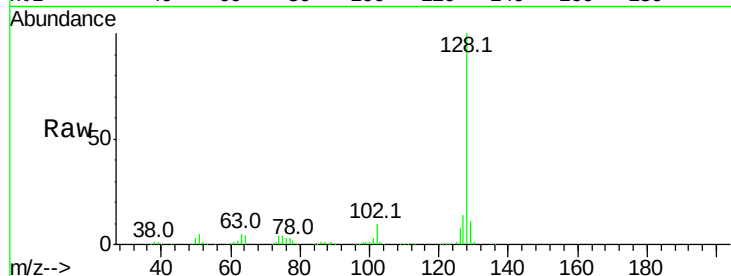
Tot Ion:128 Resp: 655771

Ion Ratio Lower Upper

128 100

129 10.8 8.6 12.8

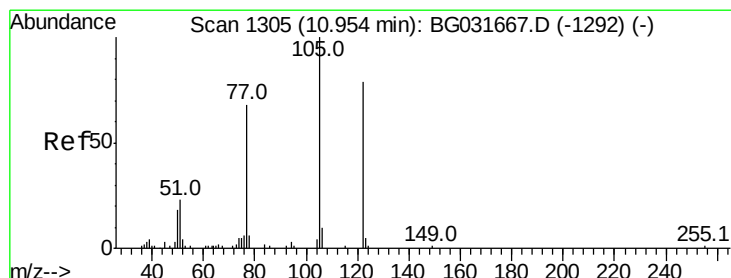
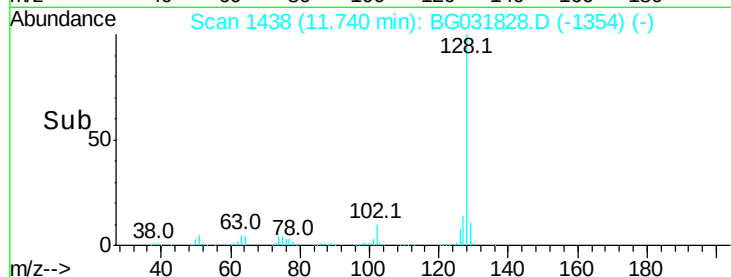
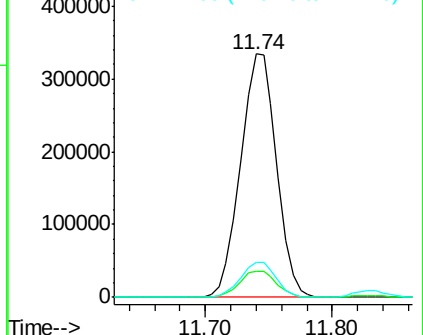
127 14.3 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.135 ng

RT: 10.92 min Scan# 1299

Delta R.T. -0.03 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

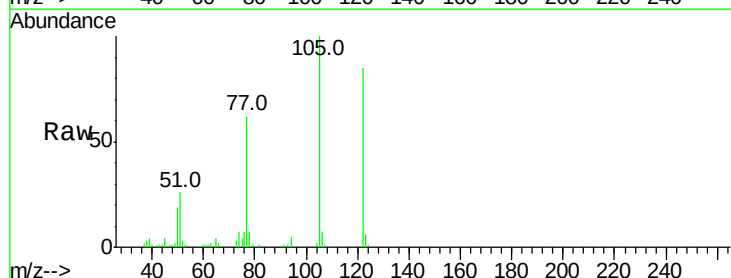
Tgt Ion:122 Resp: 89822

Ion Ratio Lower Upper

122 100

105 117.5 123.5 163.5#

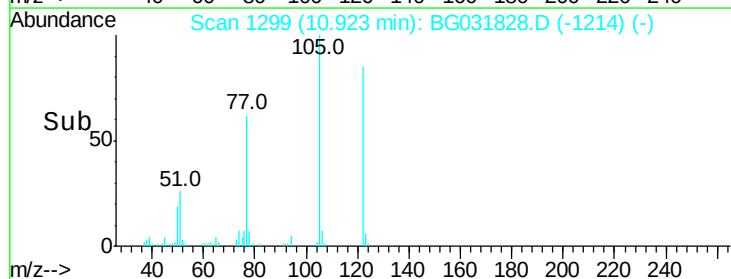
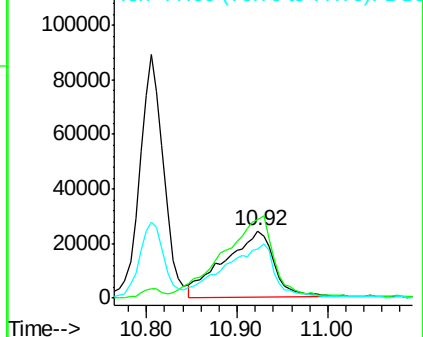
77 73.4 85.7 125.7#

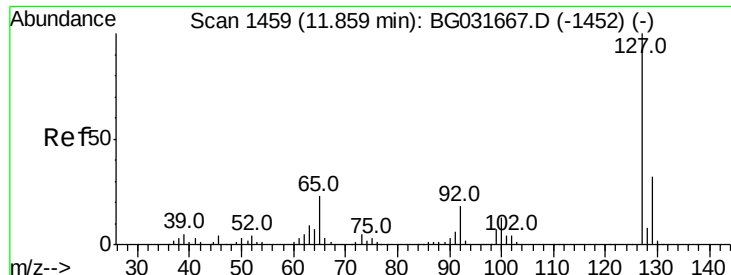


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

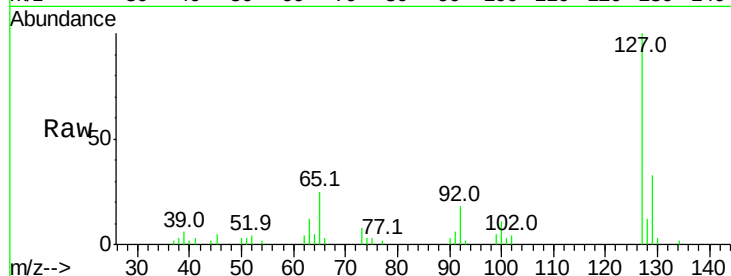




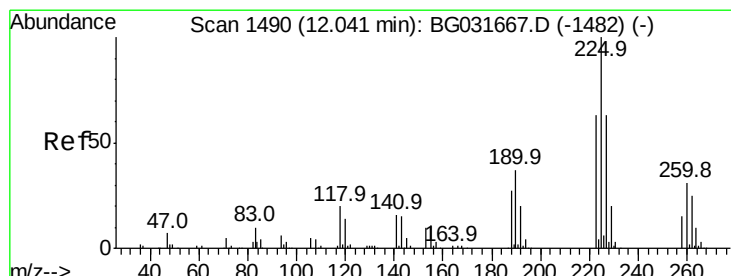
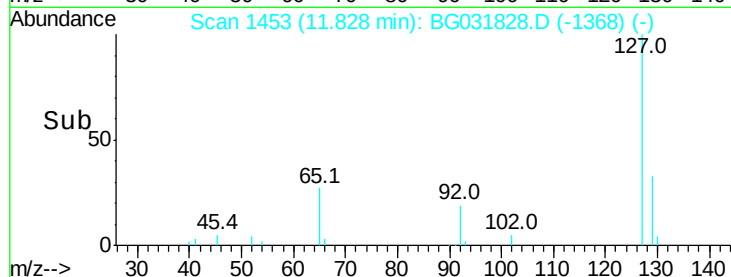
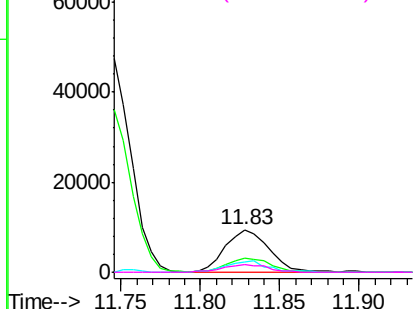
#33
4-Chloroaniline
Concen: 3.355 ng
RT: 11.83 min Scan# 1453
Delta R.T. -0.03 min
Lab File: BG031828.D
Acq: 28 Dec 2017 16:57

Instrument :
BNA_G
ClientSampleId :
AU-05-122617-AMS

Tot Ion:	127	Resp:	18047
Ion	Ratio	Lower	Upper
127	100		
129	33.5	24.0	36.0
65	25.0	27.0	40.4#
92	18.1	16.6	25.0

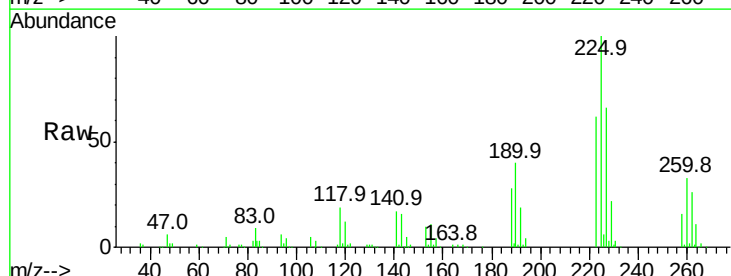


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

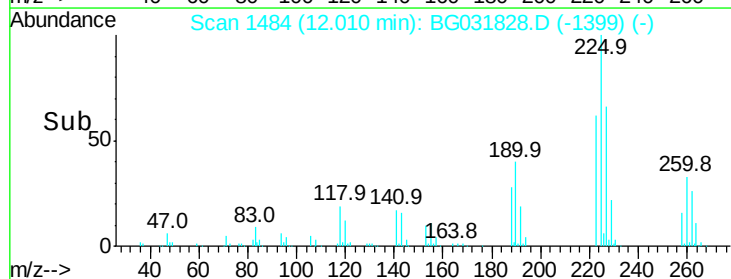
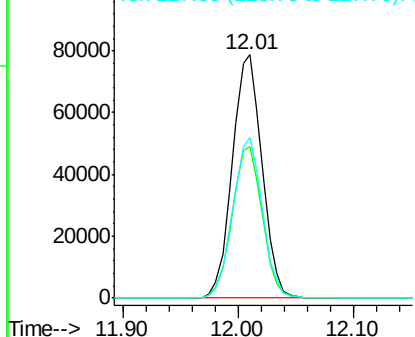


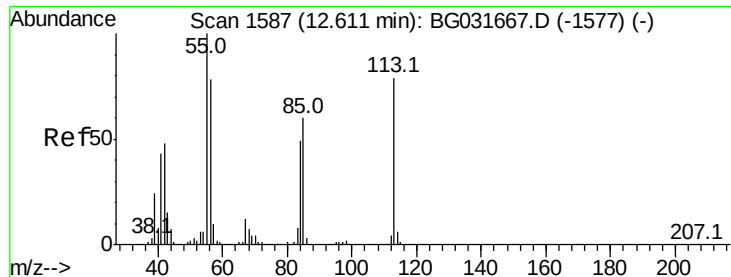
#34
Hexachlorobutadiene
Concen: 39.455 ng
RT: 12.01 min Scan# 1484
Delta R.T. -0.03 min
Lab File: BG031828.D
Acq: 28 Dec 2017 16:57

Tgt Ion:	225	Resp:	139974
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.7	74.5
227	66.1	48.1	72.1



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: 33.205 ng

RT: 12.58 min Scan# 1581

Delta R.T. -0.03 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

Instrument :

BNA_G

ClientSampleId :

AU-05-122617-AMS

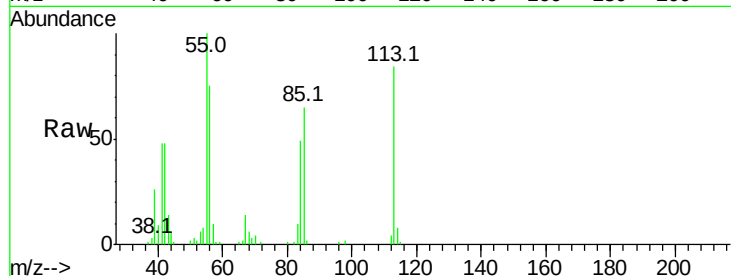
Tot Ion:113 Resp: 42598

Ion Ratio Lower Upper

113 100

55 118.4 186.9 226.9#

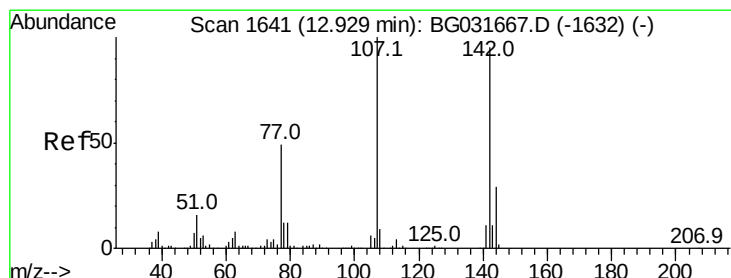
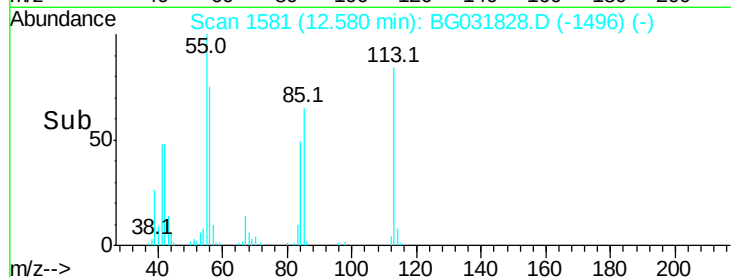
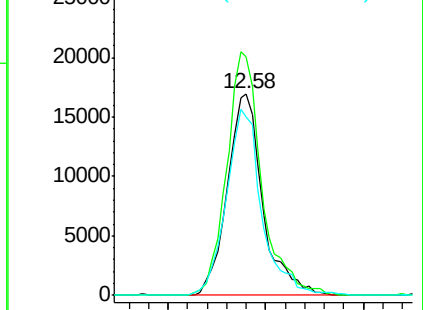
56 88.7 130.9 170.9#



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: 44.558 ng

RT: 12.90 min Scan# 1635

Delta R.T. -0.03 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

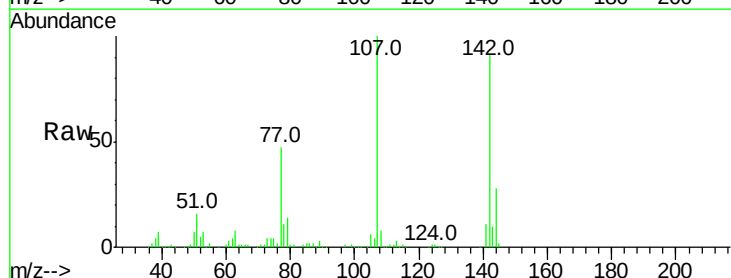
Tgt Ion:107 Resp: 174166

Ion Ratio Lower Upper

107 100

144 28.4 18.2 27.4#

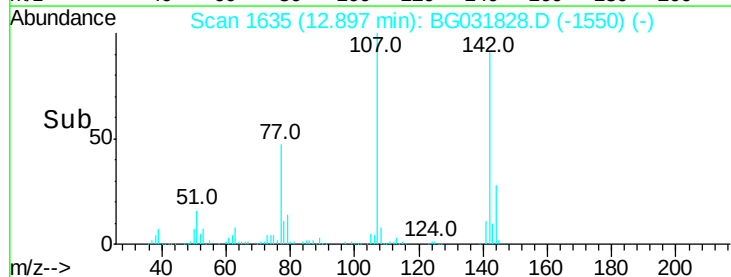
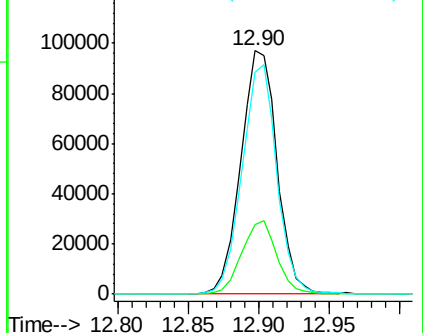
142 91.0 59.0 88.4#

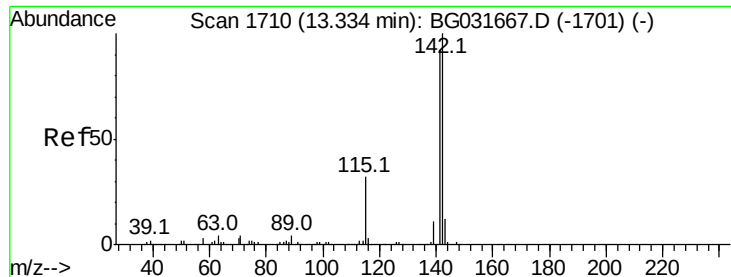


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

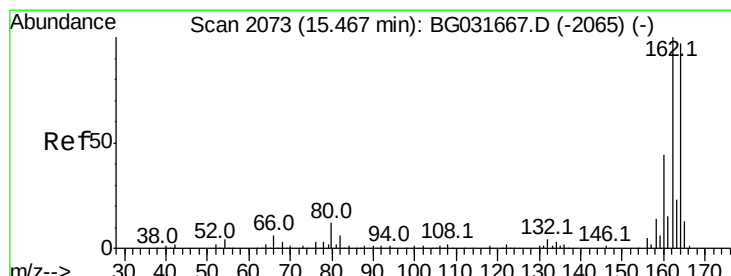
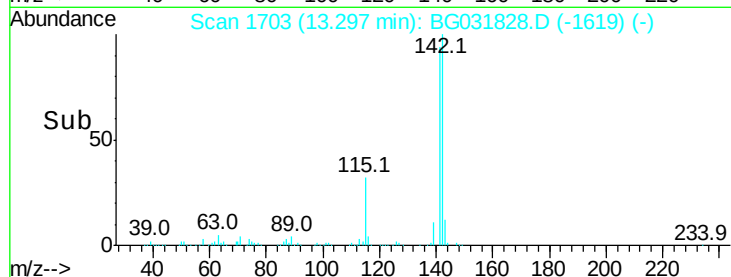
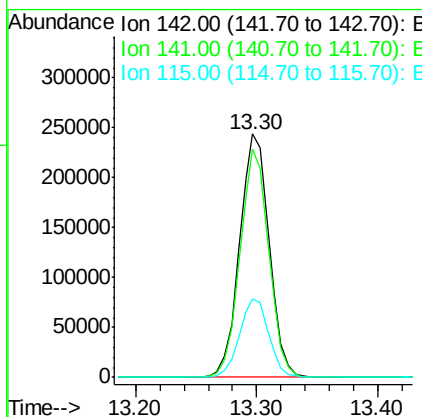
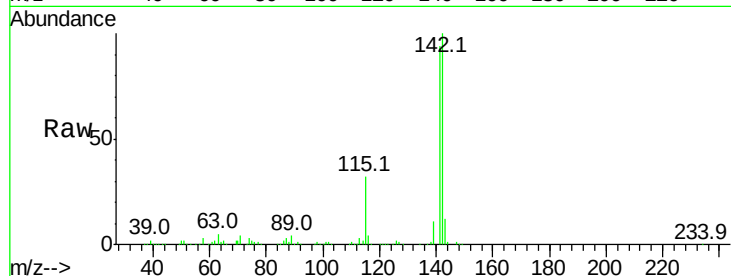




#37
2-Methylnaphthalene
Concen: 42.349 ng
RT: 13.30 min Scan# 1703
Delta R.T. -0.04 min
Lab File: BG031828.D
Acq: 28 Dec 2017 16:57

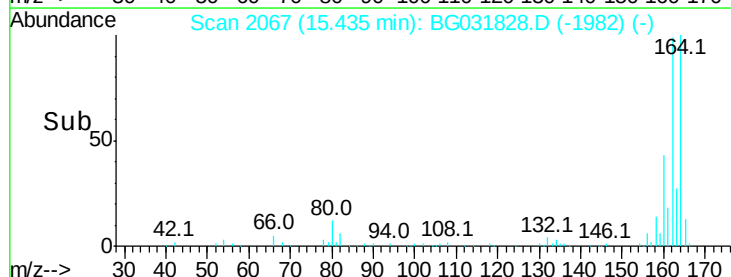
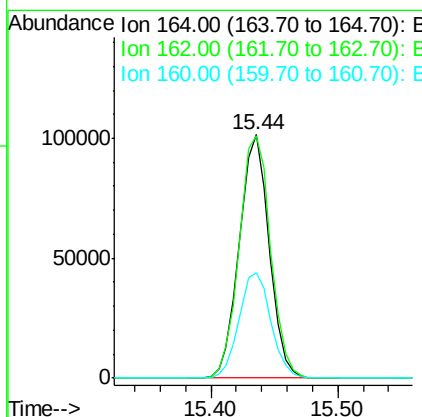
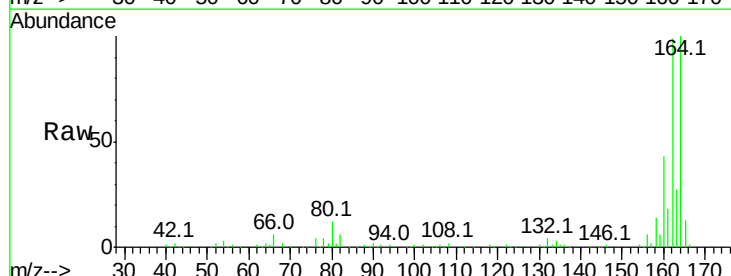
Instrument :
BNA_G
ClientSampleId :
AU-05-122617-AMS

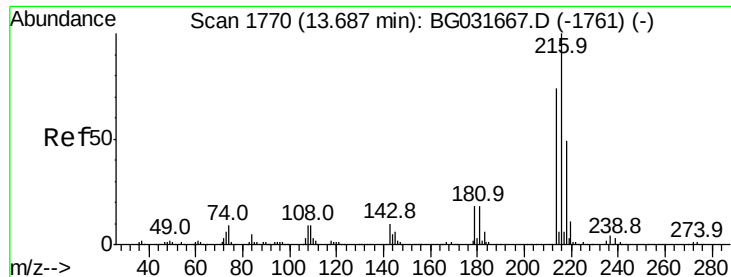
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.7	67.1	100.7
115	32.2	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.44 min Scan# 2067
Delta R.T. -0.03 min
Lab File: BG031828.D
Acq: 28 Dec 2017 16:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	78.8	118.2
160	43.4	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.463 ng

RT: 13.65 min Scan# 1763

Delta R.T. -0.04 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

Instrument :

BNA_G

ClientSampleId :

AU-05-122617-AMS

Tot Ion:216 Resp: 282002

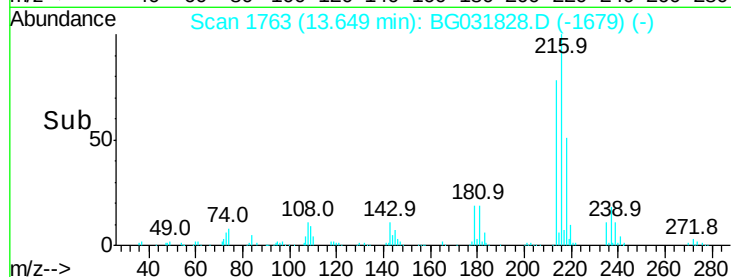
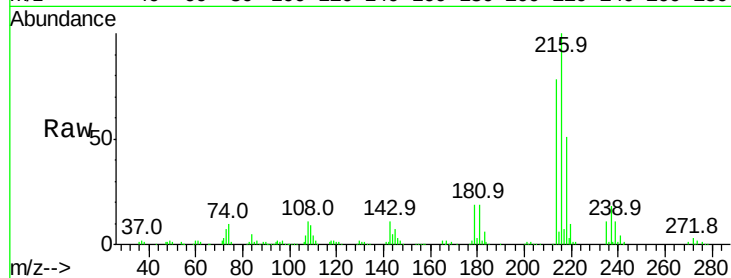
Ion Ratio Lower Upper

216 100

214 76.8 63.0 94.4

179 18.6 17.0 25.6

108 12.3 12.8 19.2#

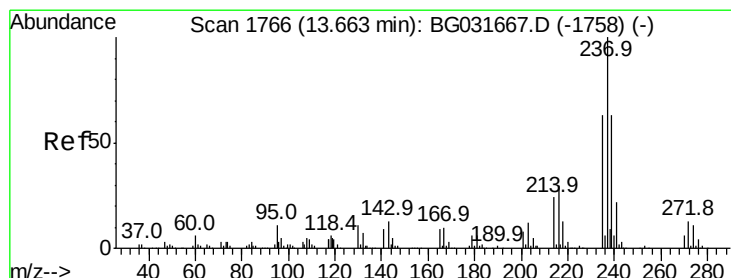
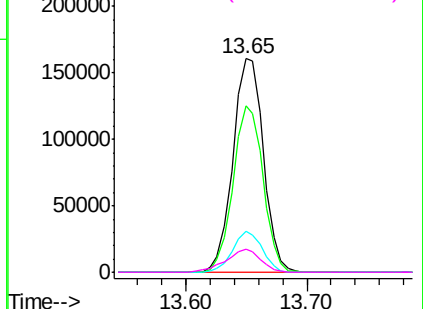


Abundance Ion 216.00 (215.70 to 216.70): E

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: 91.858 ng

RT: 13.63 min Scan# 1759

Delta R.T. -0.04 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

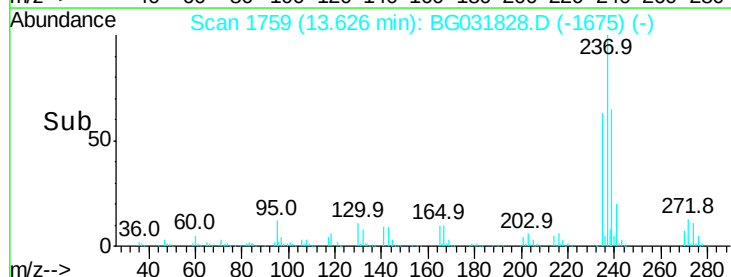
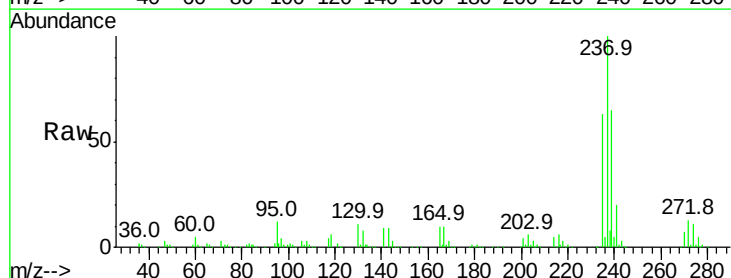
Tgt Ion:237 Resp: 337725

Ion Ratio Lower Upper

237 100

235 63.4 50.4 90.4

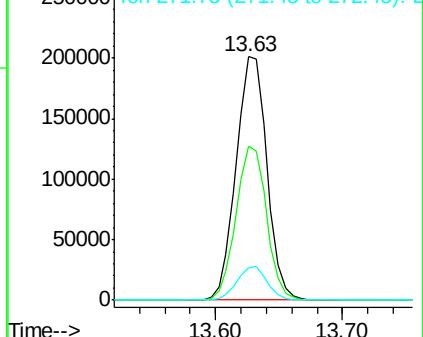
272 13.3 0.0 31.8

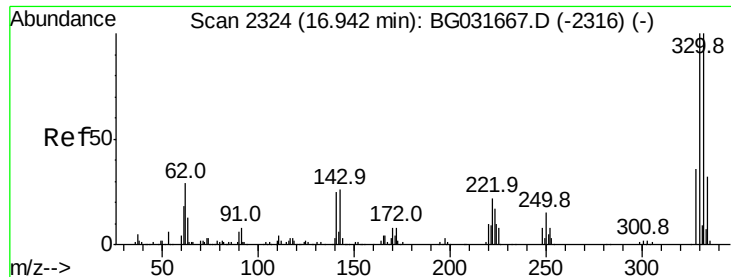


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 146.274 ng

RT: 16.91 min Scan# 2318

Delta R.T. -0.03 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

Instrument :

BNA_G

ClientSampleId :

AU-05-122617-AMS

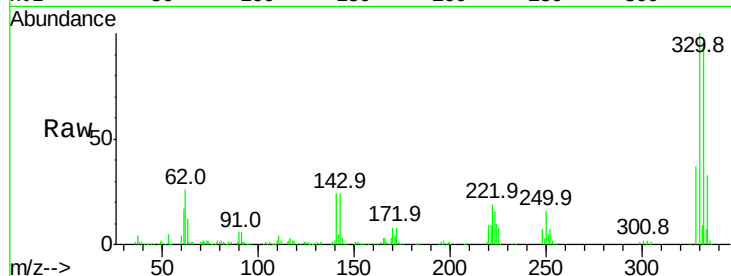
Tot Ion:330 Resp: 369297

Ion Ratio Lower Upper

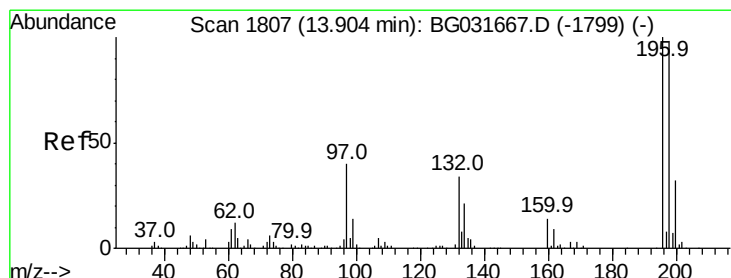
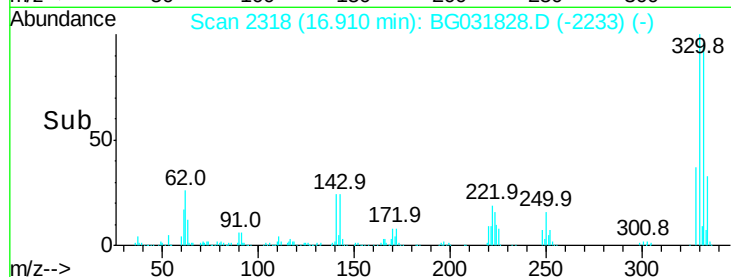
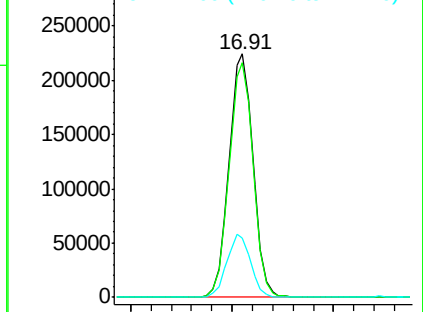
330 100

332 96.0 77.0 115.6

141 25.5 25.2 37.8



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: 43.886 ng

RT: 13.88 min Scan# 1802

Delta R.T. -0.03 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

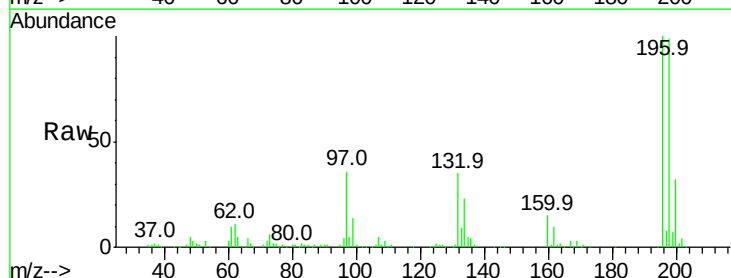
Tgt Ion:196 Resp: 176343

Ion Ratio Lower Upper

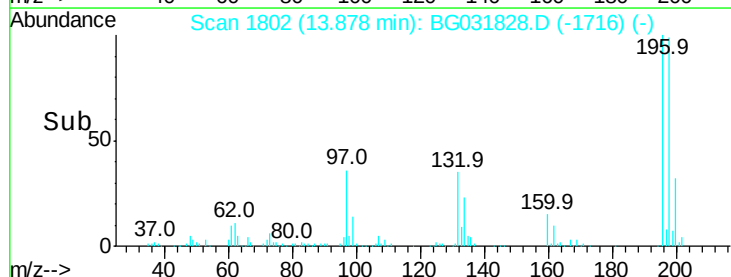
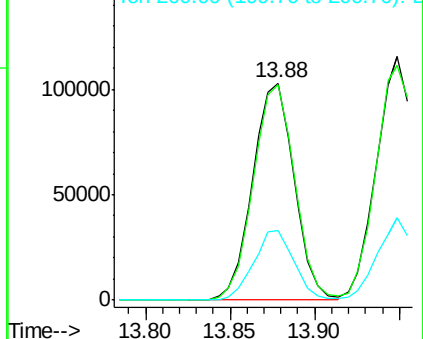
196 100

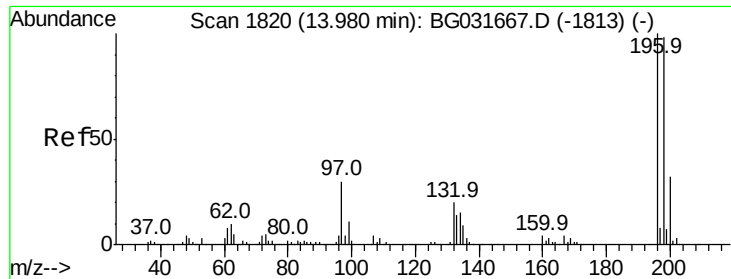
198 99.3 78.2 117.2

200 32.1 24.6 36.8



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

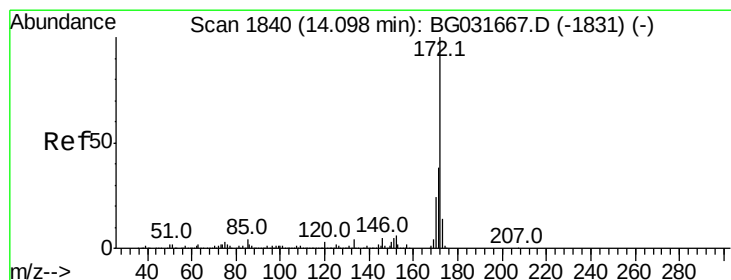
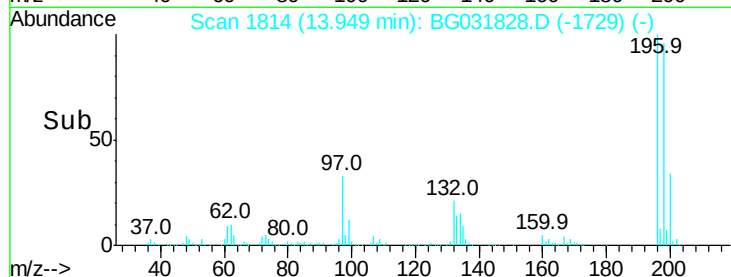
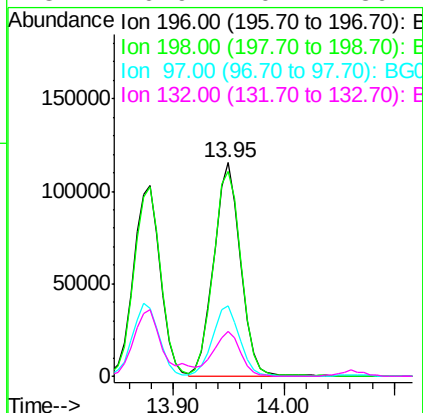
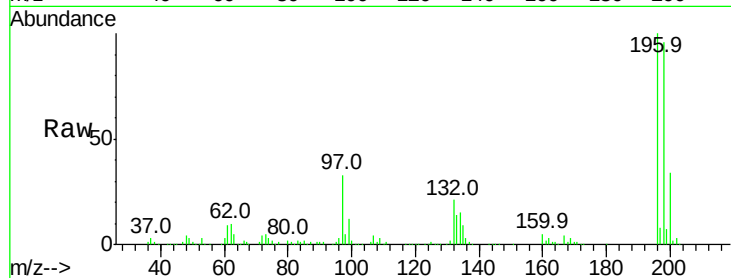




#43
 2,4,5-Trichlorophenol
 Concen: 43.476 ng
 RT: 13.95 min Scan# 1814
 Delta R.T. -0.03 min
 Lab File: BG031828.D
 Acq: 28 Dec 2017 16:57

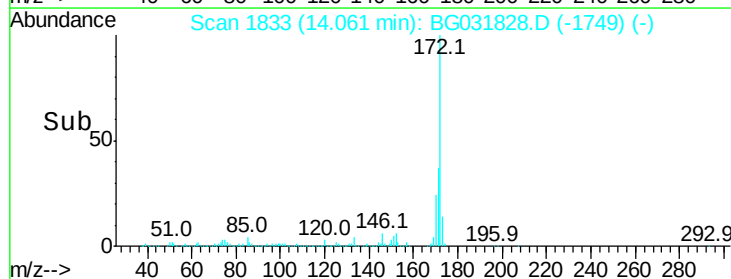
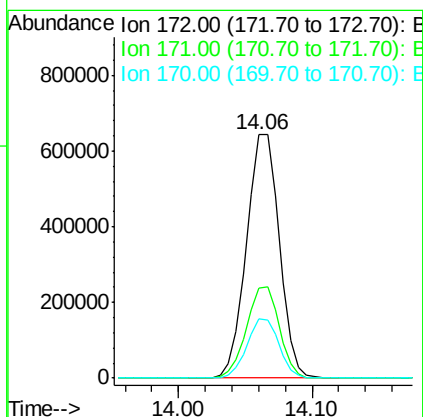
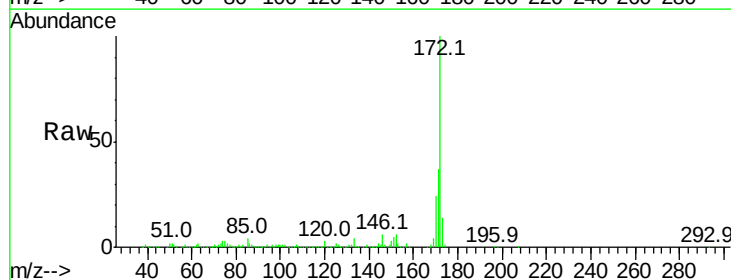
Instrument :
 BNA_G
 ClientSampleId :
 AU-05-122617-AMS

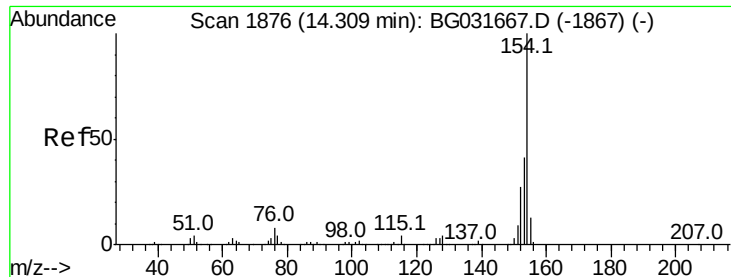
Tot Ion:	196	Resp:	193601
Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.2	114.4
97	33.3	38.7	58.1#
132	20.9	20.2	30.2



#44
 2-Fluorobiphenyl
 Concen: 82.596 ng
 RT: 14.06 min Scan# 1833
 Delta R.T. -0.04 min
 Lab File: BG031828.D
 Acq: 28 Dec 2017 16:57

Tgt Ion:	172	Resp:	1088837
Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	24.2	19.5	29.3





#45

1,1'-Biphenyl

Concen: 41.198 ng

RT: 14.27 min Scan# 1869

Delta R.T. -0.04 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

Instrument :

BNA_G

ClientSampleId :

AU-05-122617-AMS

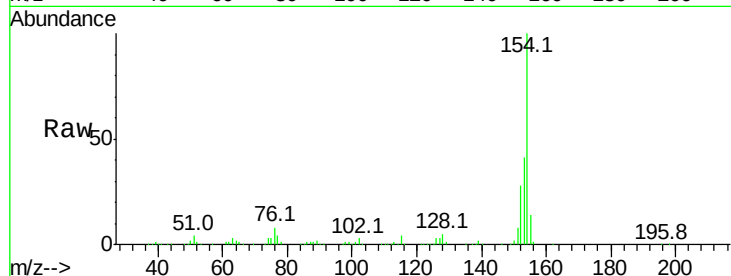
Tot Ion:154 Resp: 582212

Ion Ratio Lower Upper

154 100

153 41.5 19.8 59.8

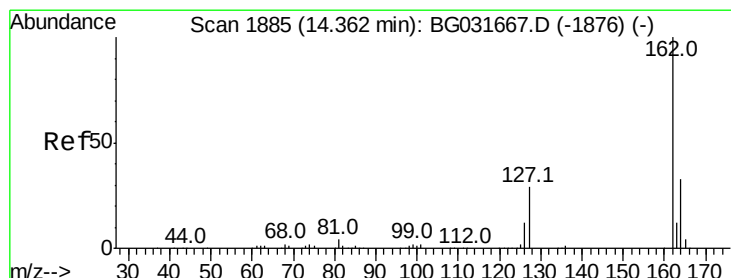
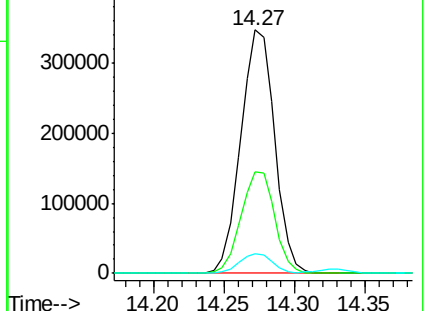
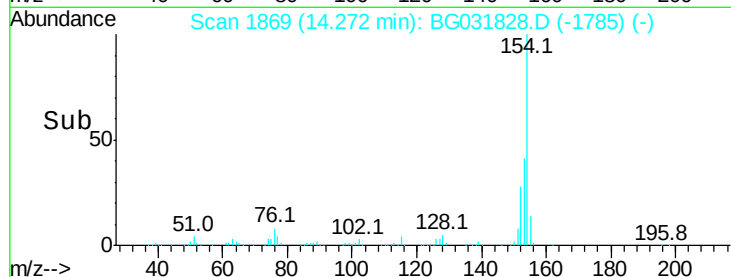
76 8.3 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 40.750 ng

RT: 14.32 min Scan# 1878

Delta R.T. -0.04 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

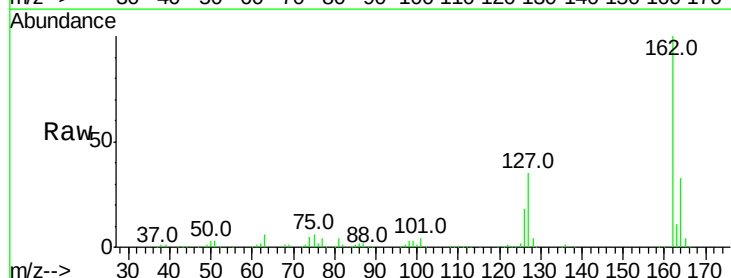
Tgt Ion:162 Resp: 439246

Ion Ratio Lower Upper

162 100

127 34.5 30.7 46.1

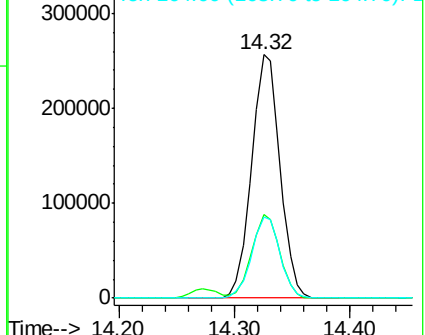
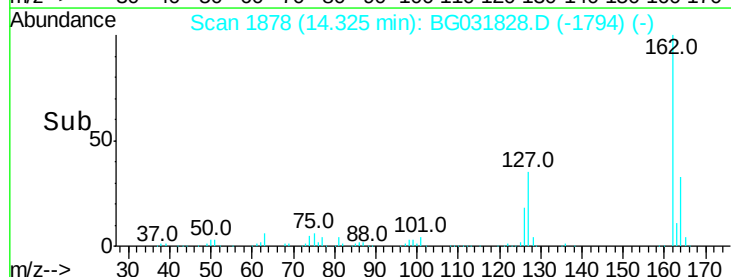
164 33.1 26.0 39.0

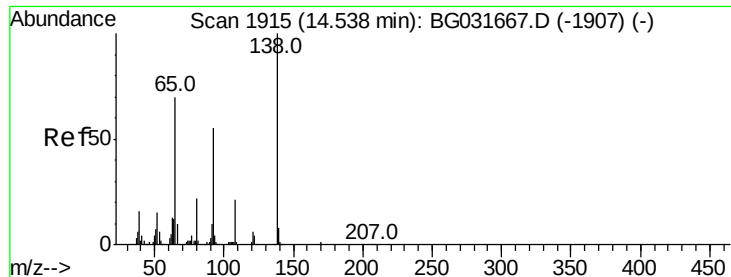


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.916 ng

RT: 14.51 min Scan# 1910

Delta R.T. -0.03 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

Instrument :

BNA_G

ClientSampleId :

AU-05-122617-AMS

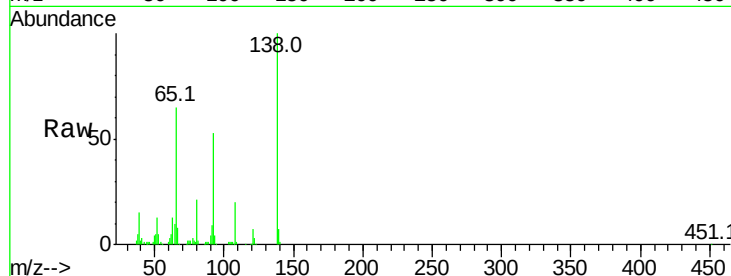
Tot Ion: 65 Resp: 87341

Ion Ratio Lower Upper

65 100

92 82.0 54.6 82.0#

138 153.4 72.9 109.3#

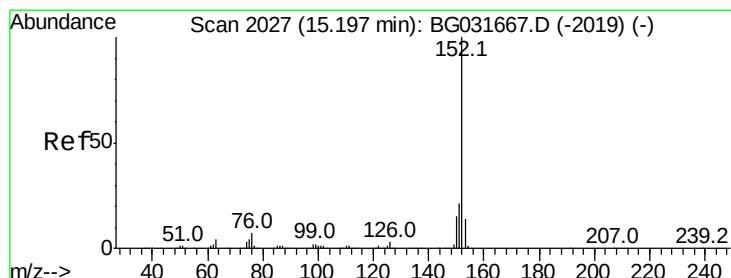
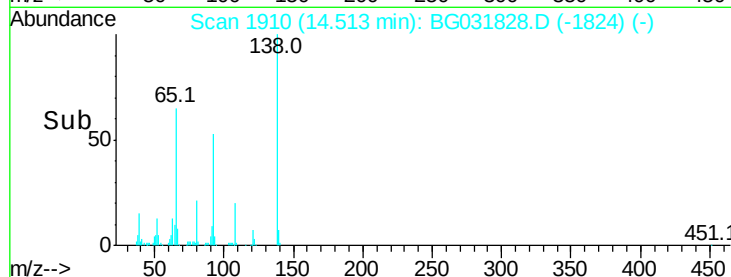
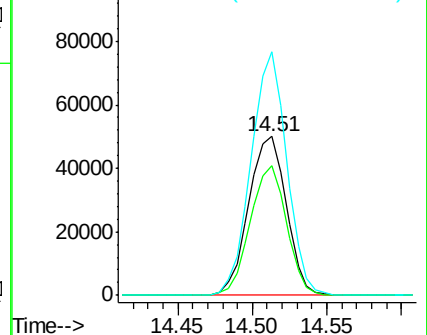


Abundance

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): BGC



#48

Acenaphthylene

Concen: 38.804 ng

RT: 15.17 min Scan# 2021

Delta R.T. -0.03 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

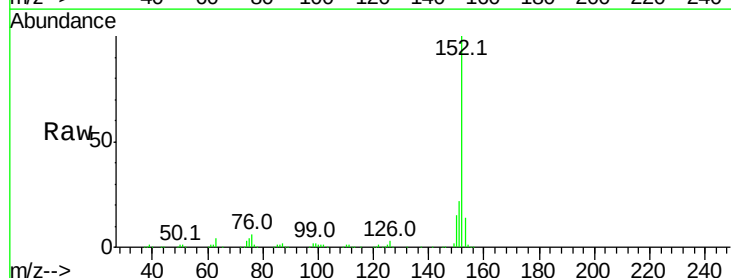
Tgt Ion: 152 Resp: 669159

Ion Ratio Lower Upper

152 100

151 21.7 17.2 25.8

153 13.6 10.2 15.4

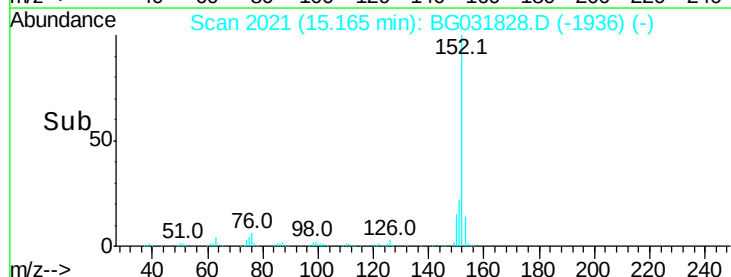
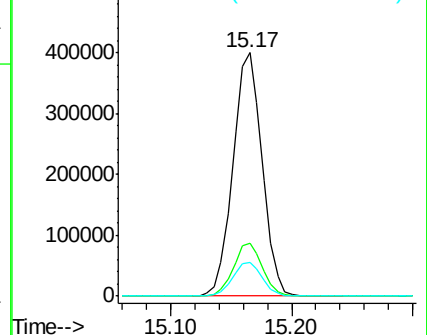


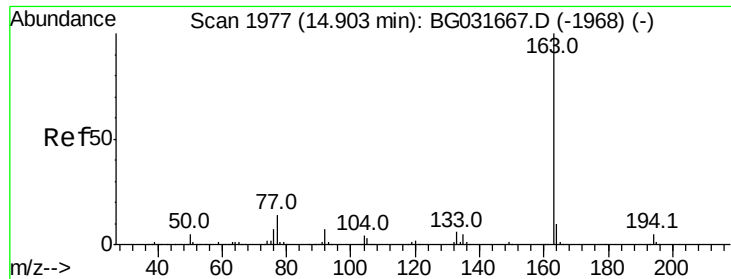
Abundance

Ion 152.00 (151.70 to 152.70): BGC

Ion 151.00 (150.70 to 151.70): BGC

Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 39.999 ng

RT: 14.87 min Scan# 1970

Delta R.T. -0.04 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

Instrument :

BNA_G

ClientSampleId :

AU-05-122617-AMS

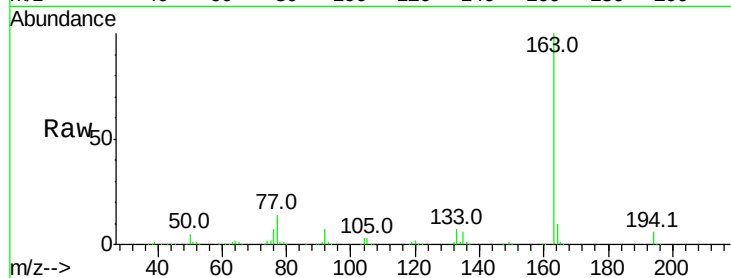
Tot Ion:163 Resp: 583042

Ion Ratio Lower Upper

163 100

194 5.9 3.4 5.2#

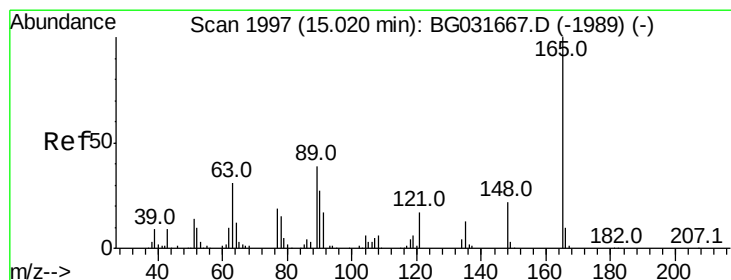
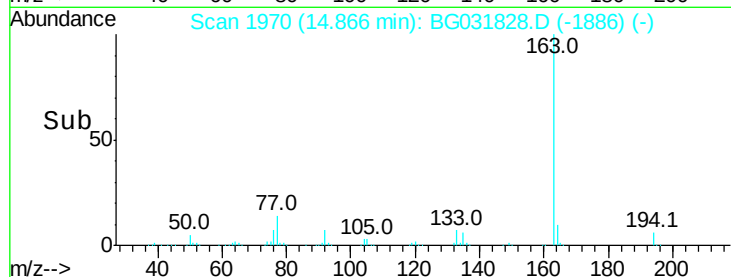
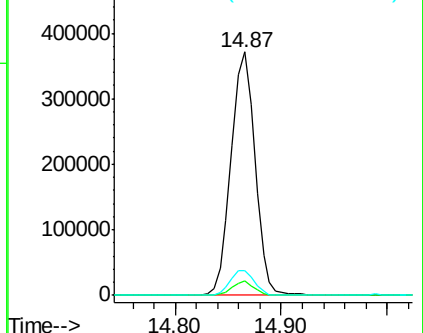
164 10.0 8.2 12.4



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



#50

2,6-Dinitrotoluene

Concen: 49.901 ng

RT: 14.99 min Scan# 1991

Delta R.T. -0.03 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

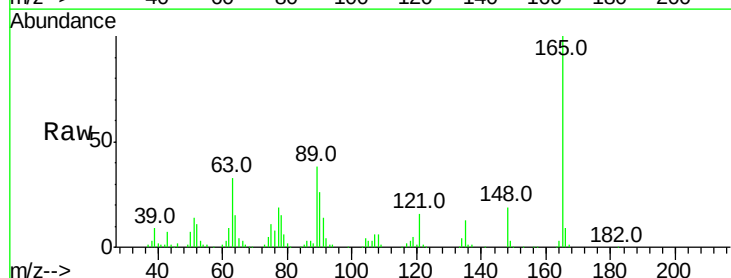
Tgt Ion:165 Resp: 133809

Ion Ratio Lower Upper

165 100

63 33.3 52.7 79.1#

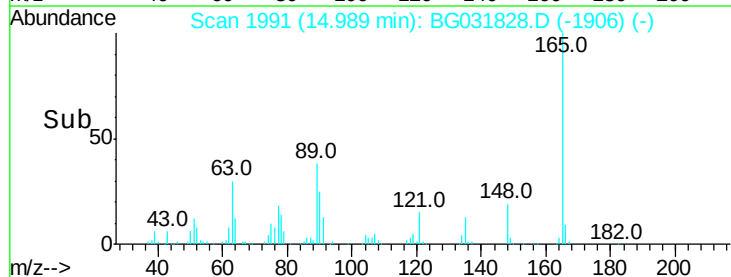
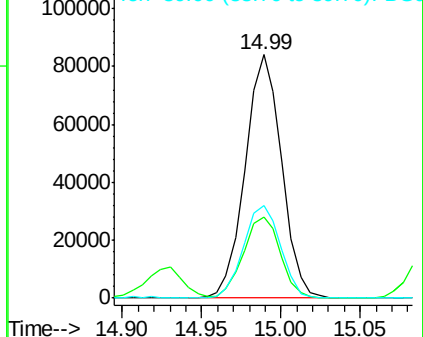
89 37.8 49.2 73.8#

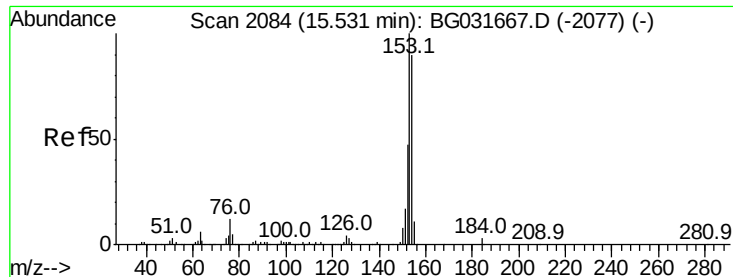


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 43.053 ng

RT: 15.50 min Scan# 2078

Delta R.T. -0.03 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

Instrument :

BNA_G

ClientSampleId :

AU-05-122617-AMS

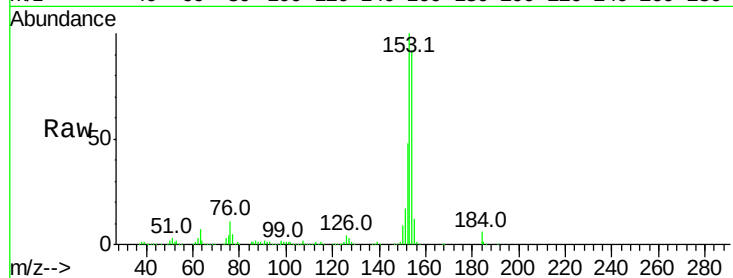
Tot Ion:154 Resp: 486237

Ion Ratio Lower Upper

154 100

153 108.7 90.4 135.6

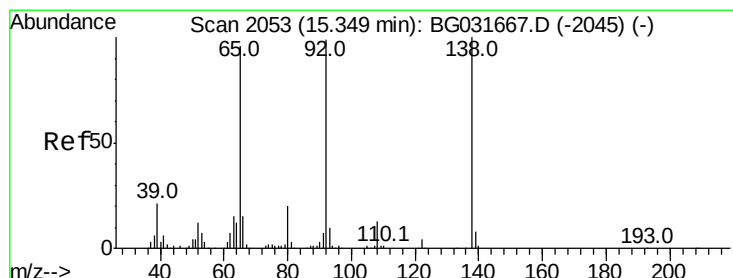
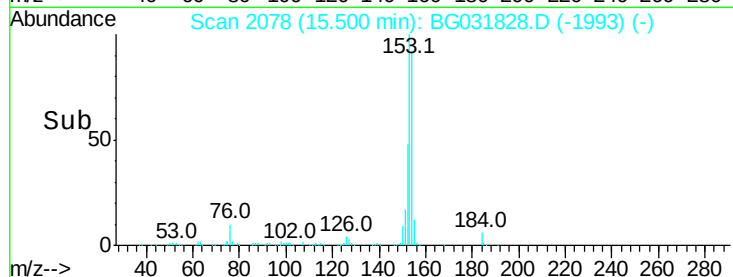
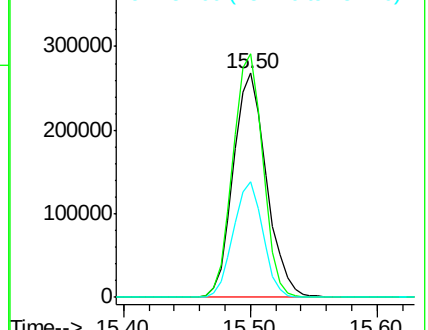
152 51.7 41.6 62.4



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



#52

3-Nitroaniline

Concen: 6.230 ng

RT: 15.31 min Scan# 2046

Delta R.T. -0.04 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

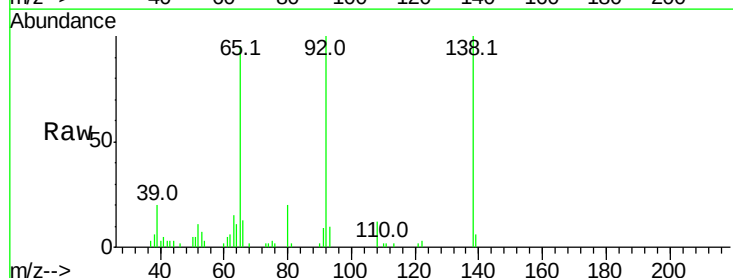
Tgt Ion:138 Resp: 16298

Ion Ratio Lower Upper

138 100

108 12.3 17.5 26.3#

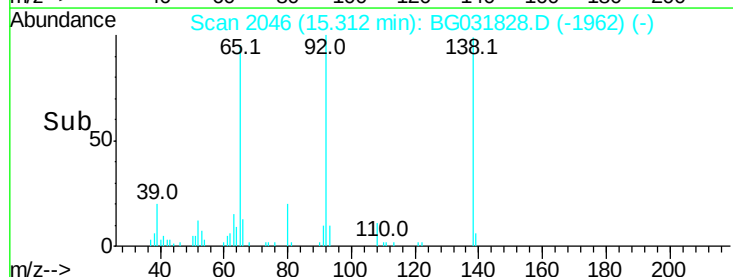
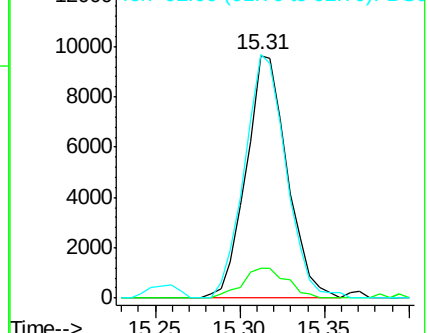
92 100.3 105.8 158.8#

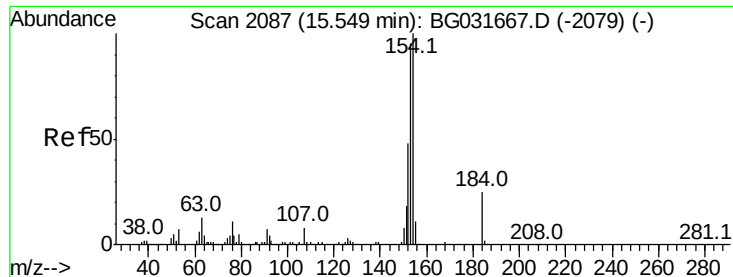


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

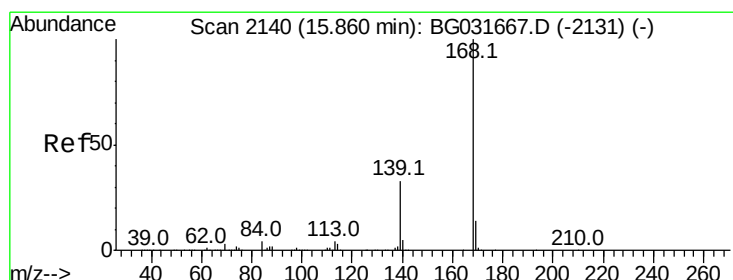
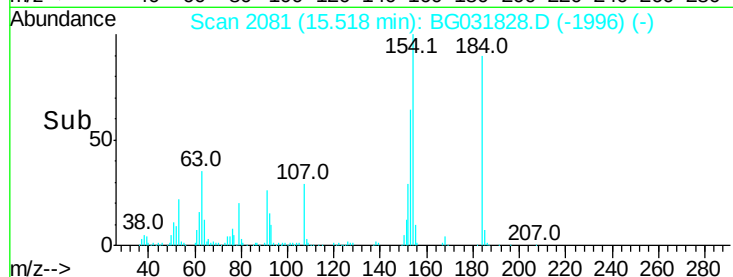
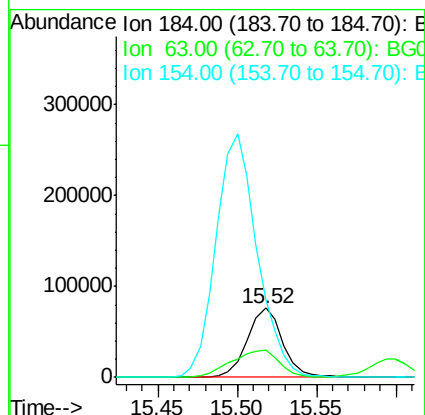
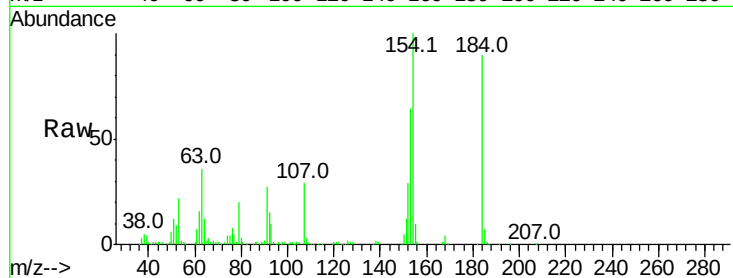




#53
2,4-Dinitrophenol
Concen: 101.710 ng
RT: 15.52 min Scan# 2081
Delta R.T. -0.03 min
Lab File: BG031828.D
Acq: 28 Dec 2017 16:57

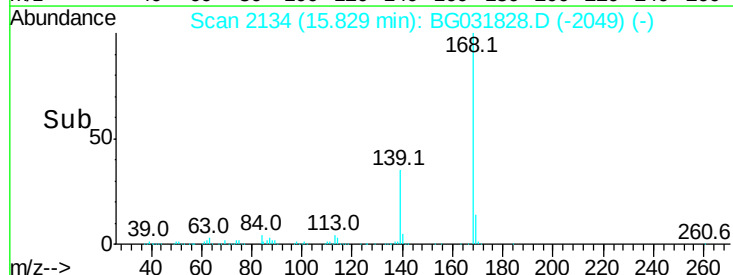
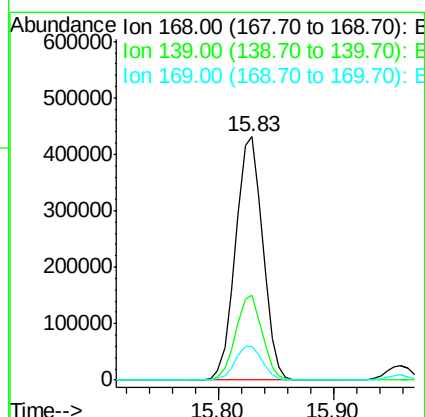
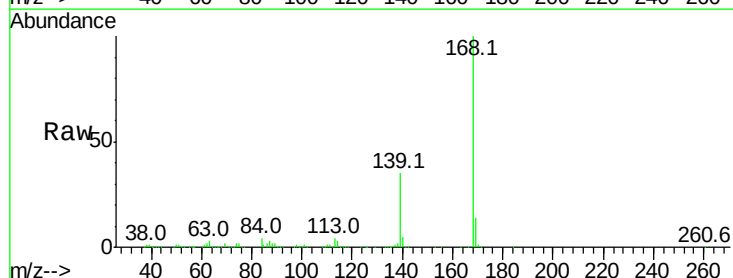
Instrument :
BNA_G
ClientSampleId :
AU-05-122617-AMS

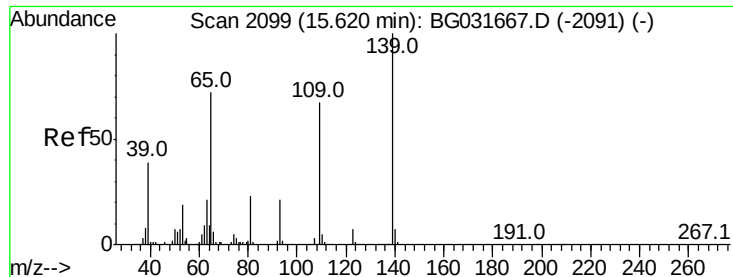
Tot Ion:184 Resp: 118472
Ion Ratio Lower Upper
184 100
63 39.9 59.8 89.8#
154 110.8 101.8 152.8



#54
Dibenzofuran
Concen: 40.578 ng
RT: 15.83 min Scan# 2134
Delta R.T. -0.03 min
Lab File: BG031828.D
Acq: 28 Dec 2017 16:57

Tgt Ion:168 Resp: 702521
Ion Ratio Lower Upper
168 100
139 34.7 28.6 43.0
169 13.7 11.2 16.8





#55

4-Nitrophenol

Concen: 80.278 ng

RT: 15.60 min Scan# 2095

Delta R.T. -0.02 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

Instrument :

BNA_G

ClientSampleId :

AU-05-122617-AMS

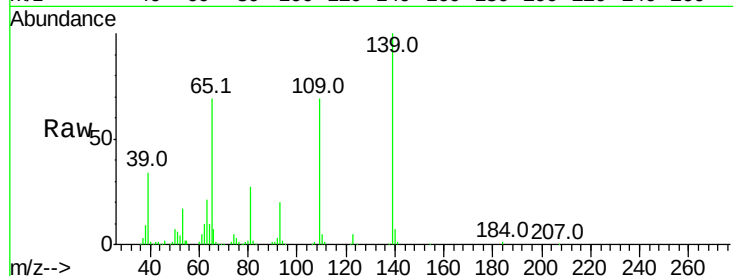
Tot Ion:139 Resp: 170937

Ion Ratio Lower Upper

139 100

109 68.6 62.2 102.2

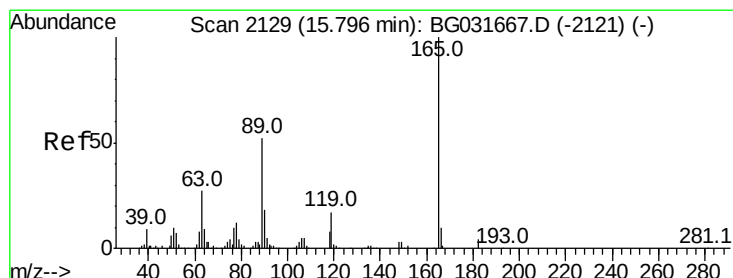
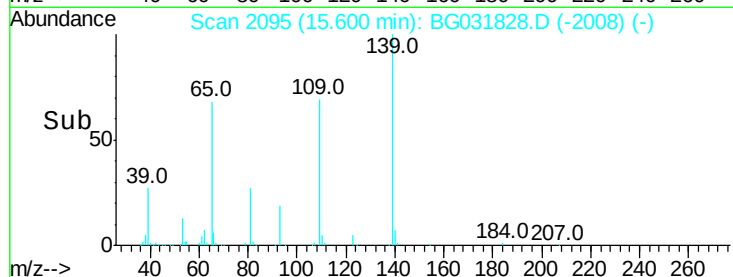
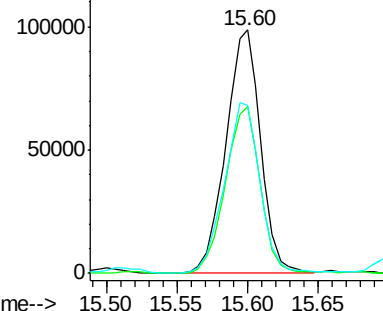
65 68.9 97.2 137.2#



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: 53.230 ng

RT: 15.77 min Scan# 2124

Delta R.T. -0.03 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

Tgt Ion:165 Resp: 183540

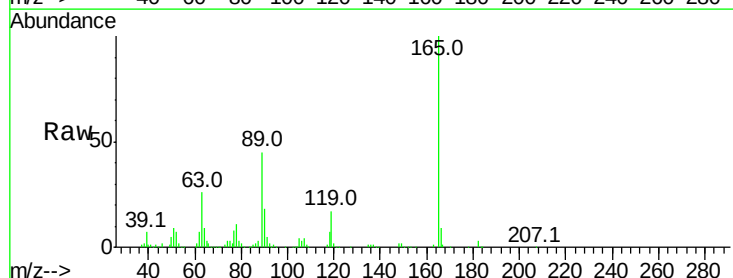
Ion Ratio Lower Upper

165 100

63 25.6 42.0 63.0#

89 45.3 66.9 100.3#

182 3.3 2.6 3.8

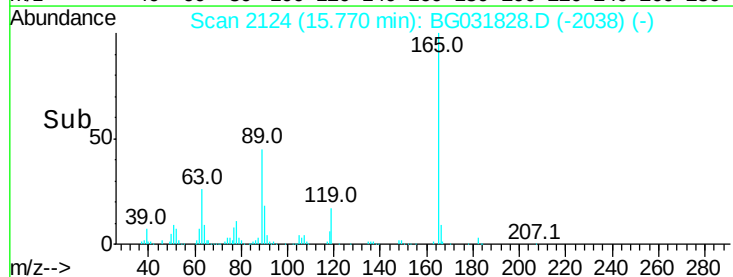
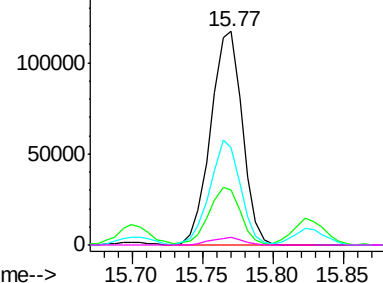


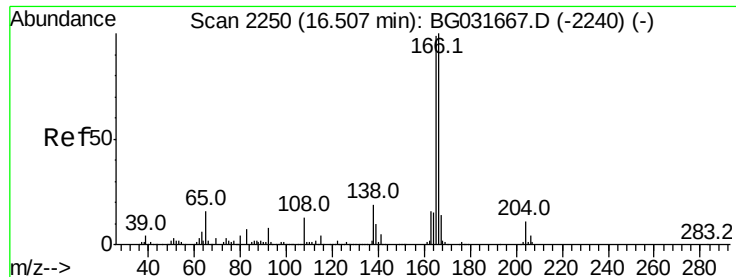
Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.470 ng

RT: 16.47 min Scan# 2243

Delta R.T. -0.04 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

Instrument :

BNA_G

ClientSampleId :

AU-05-122617-AMS

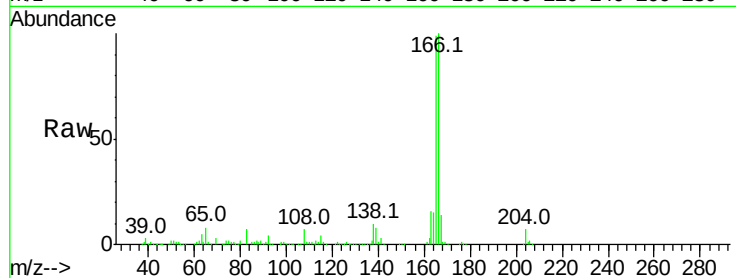
Tot Ion:166 Resp: 569183

Ion Ratio Lower Upper

166 100

165 99.0 80.6 121.0

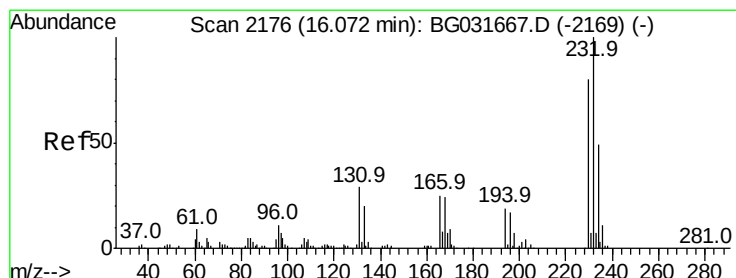
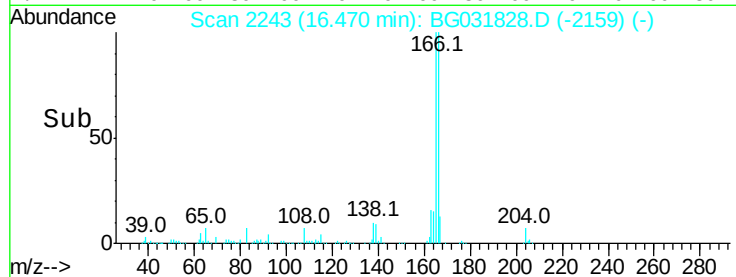
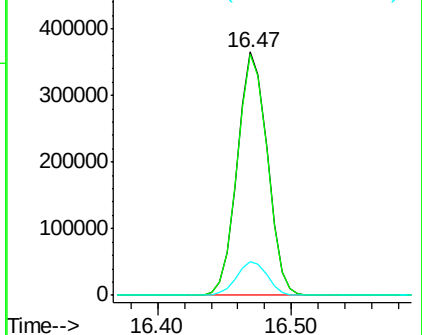
167 13.7 10.4 15.6



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: 46.456 ng

RT: 16.03 min Scan# 2169

Delta R.T. -0.04 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

Tgt Ion:232 Resp: 201831

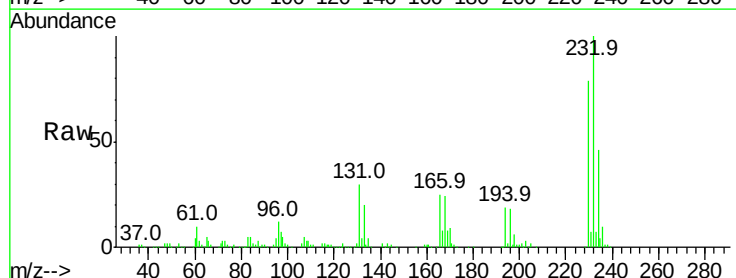
Ion Ratio Lower Upper

232 100

131 29.5 33.5 50.3#

130 1.4 2.2 3.2#

166 24.6 24.8 37.2#

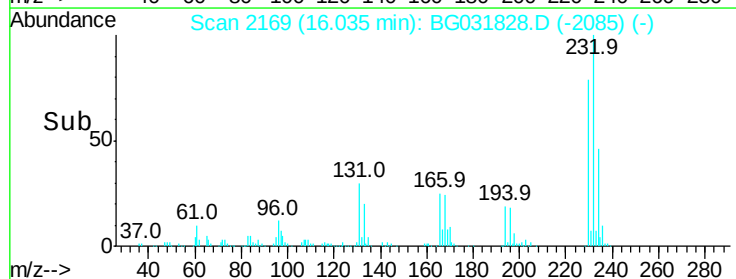
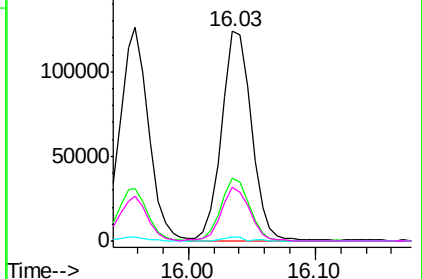


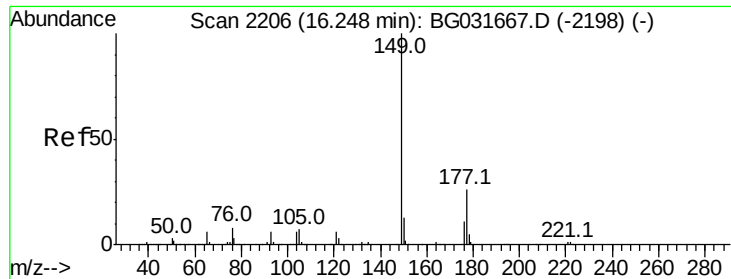
Abundance Ion 232.00 (231.70 to 232.70): E

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

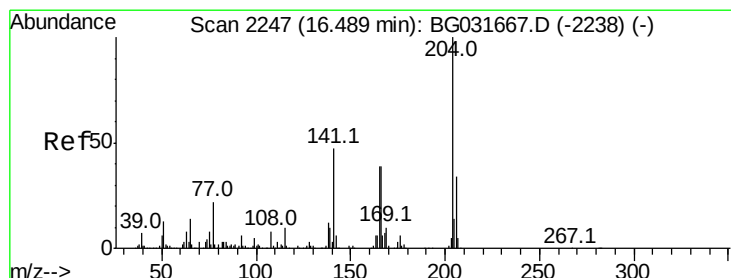
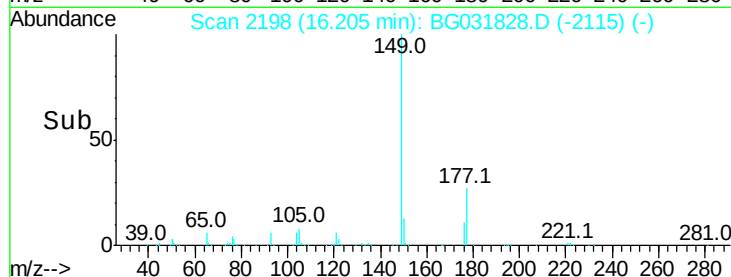
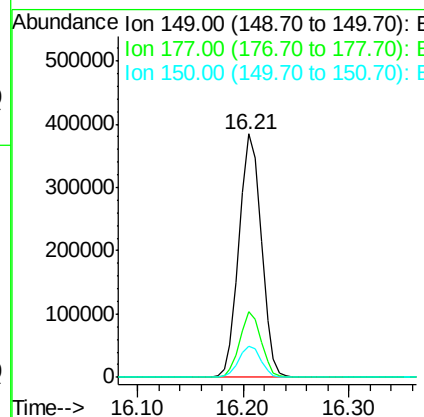
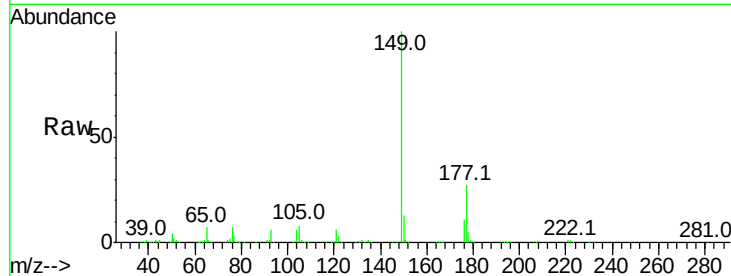




#59
Diethylphthalate
Concen: 39.355 ng
RT: 16.21 min Scan# 2198
Delta R.T. -0.04 min
Lab File: BG031828.D
Acq: 28 Dec 2017 16:57

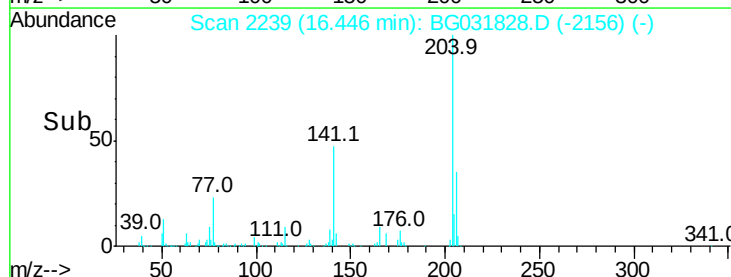
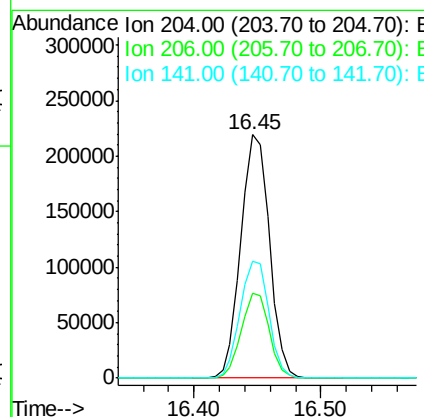
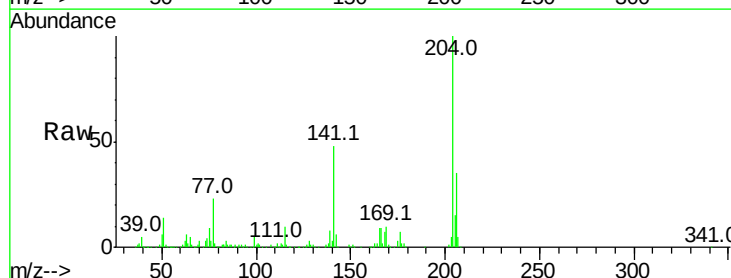
Instrument :
BNA_G
ClientSampleId :
AU-05-122617-AMS

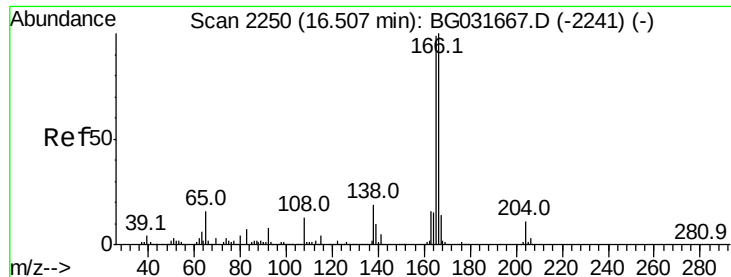
Tot Ion:149 Resp: 559127
Ion Ratio Lower Upper
149 100
177 26.9 18.5 27.7
150 13.0 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.812 ng
RT: 16.45 min Scan# 2239
Delta R.T. -0.04 min
Lab File: BG031828.D
Acq: 28 Dec 2017 16:57

Tgt Ion:204 Resp: 342595
Ion Ratio Lower Upper
204 100
206 34.9 26.2 39.2
141 48.1 45.8 68.6

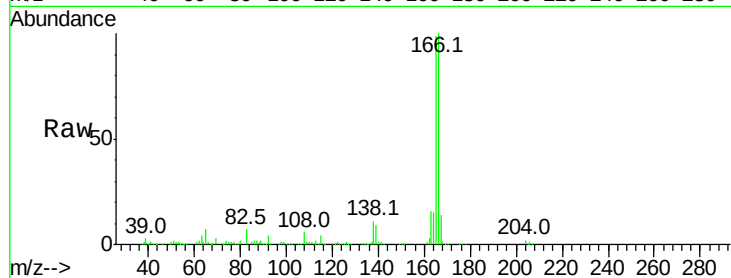




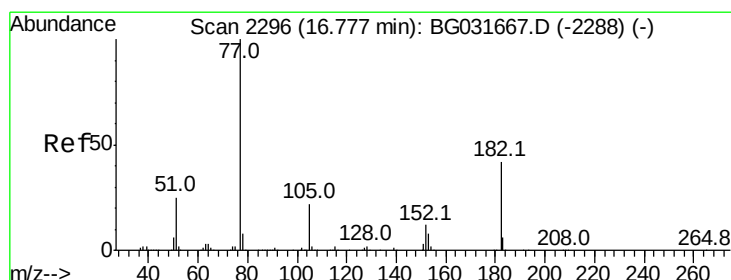
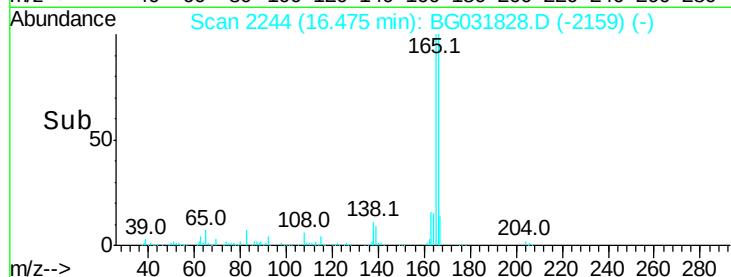
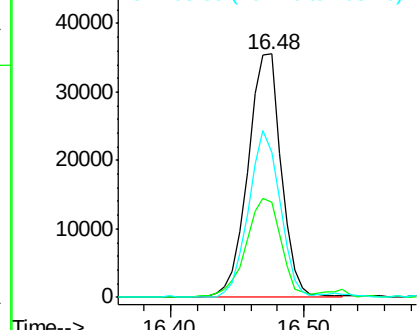
#61
4-Nitroaniline
Concen: 23.992 ng
RT: 16.48 min Scan# 2244
Delta R.T. -0.03 min
Lab File: BG031828.D
Acq: 28 Dec 2017 16:57

Instrument :
BNA_G
ClientSampleId :
AU-05-122617-AMS

Tot Ion:138 Resp: 61251
Ion Ratio Lower Upper
138 100
92 38.9 40.1 80.1#
108 59.5 65.4 105.4#

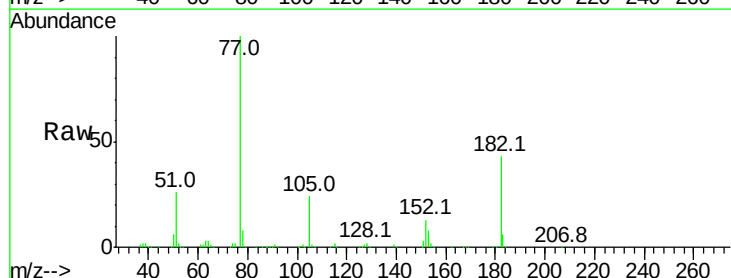


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

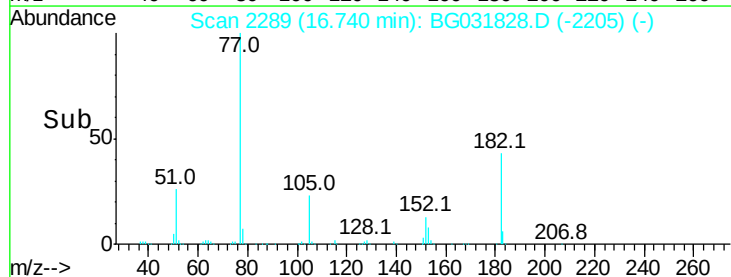
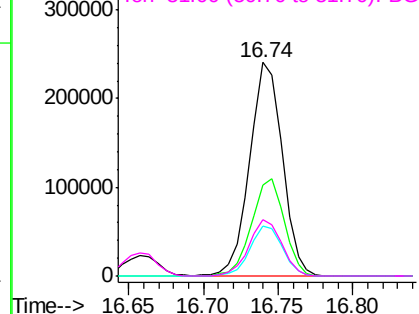


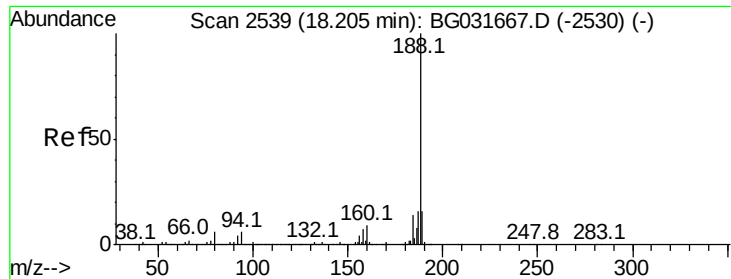
#62
Azobenzene
Concen: 40.054 ng
RT: 16.74 min Scan# 2289
Delta R.T. -0.04 min
Lab File: BG031828.D
Acq: 28 Dec 2017 16:57

Tgt Ion: 77 Resp: 364940
Ion Ratio Lower Upper
77 100
182 42.8 7.4 47.4
105 23.7 0.3 40.3
51 26.1 11.6 51.6



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

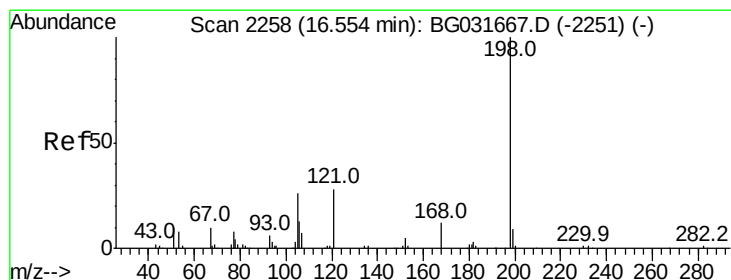
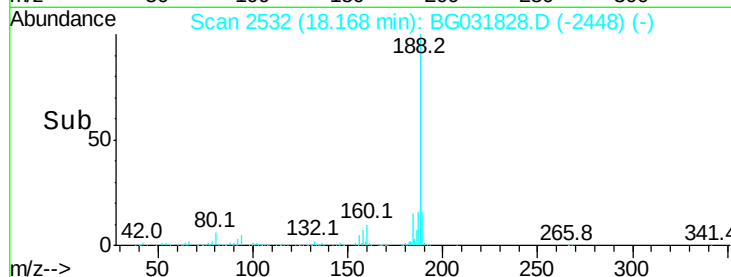
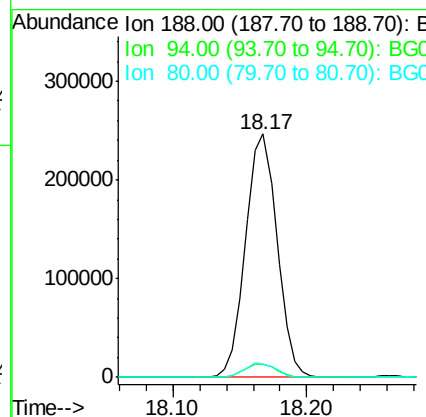
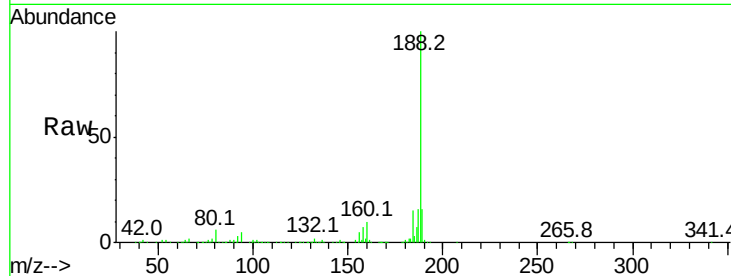




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.17 min Scan# 2532
 Delta R.T. -0.04 min
 Lab File: BG031828.D
 Acq: 28 Dec 2017 16:57

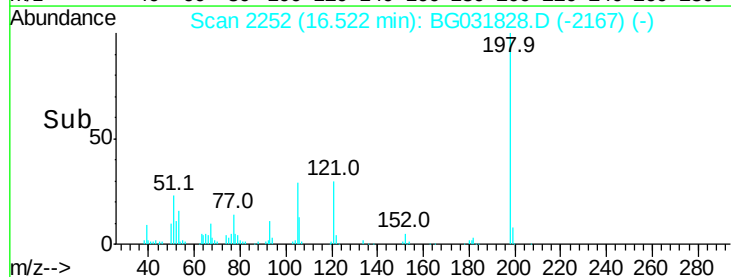
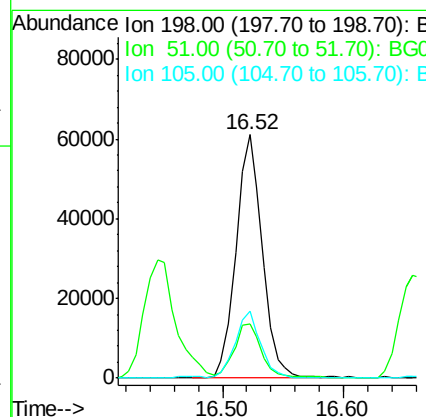
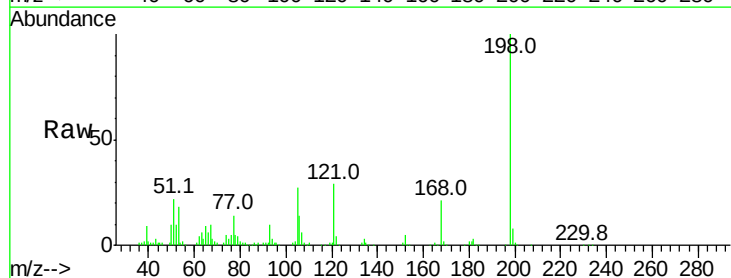
Instrument :
 BNA_G
 ClientSampleId :
 AU-05-122617-AMS

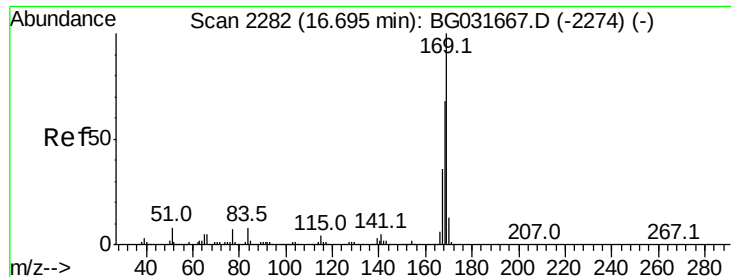
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.4	6.9	10.3#
80	5.6	7.7	11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 47.264 ng
 RT: 16.52 min Scan# 2252
 Delta R.T. -0.03 min
 Lab File: BG031828.D
 Acq: 28 Dec 2017 16:57

Tgt Ion	Ratio	Lower	Upper
198	100		
51	22.3	30.6	70.6#
105	27.4	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 38.851 ng

RT: 16.66 min Scan# 2275

Delta R.T. -0.04 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

Instrument :

BNA_G

ClientSampleId :

AU-05-122617-AMS

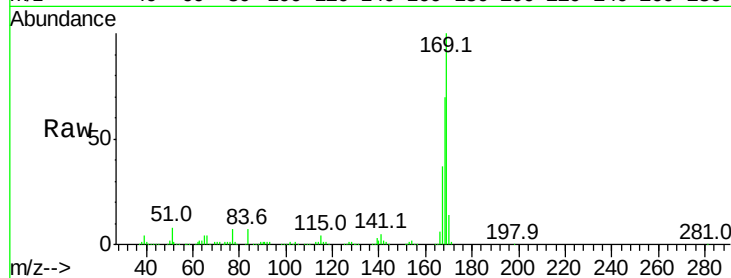
Tot Ion:169 Resp: 519272

Ion Ratio Lower Upper

169 100

168 70.4 55.7 83.5

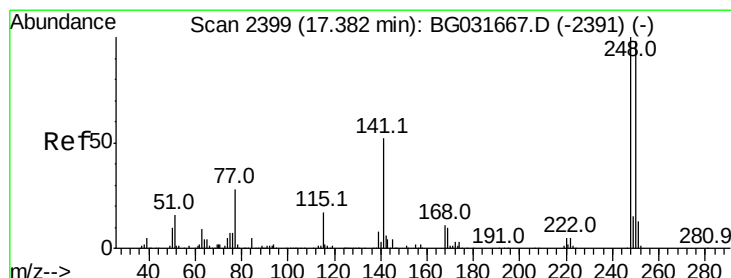
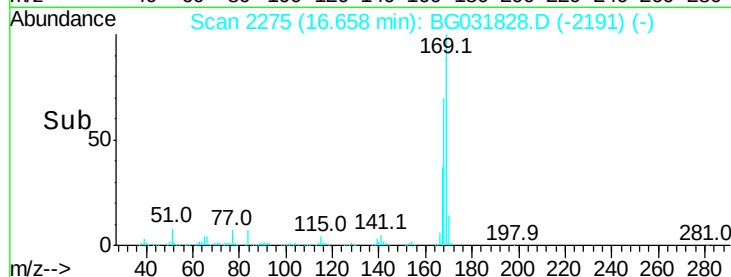
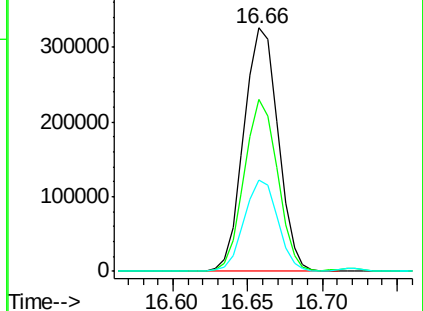
167 37.4 30.1 45.1



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: 42.918 ng

RT: 17.34 min Scan# 2391

Delta R.T. -0.04 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

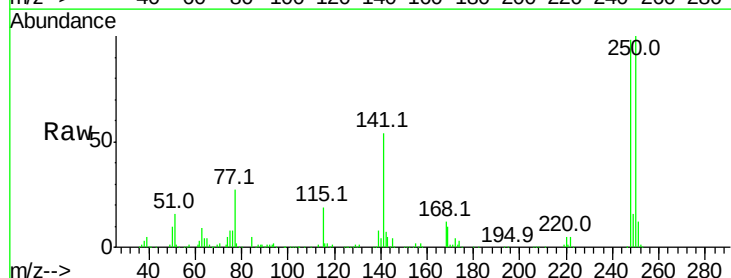
Tgt Ion:248 Resp: 249756

Ion Ratio Lower Upper

248 100

250 101.5 77.1 115.7

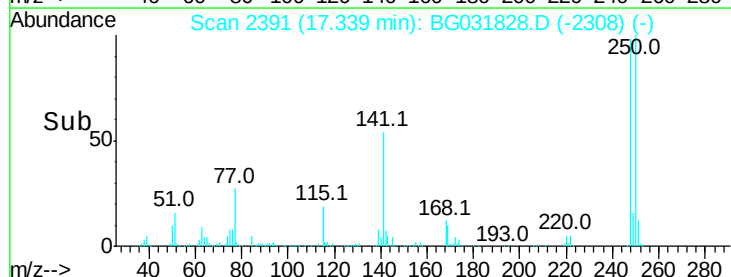
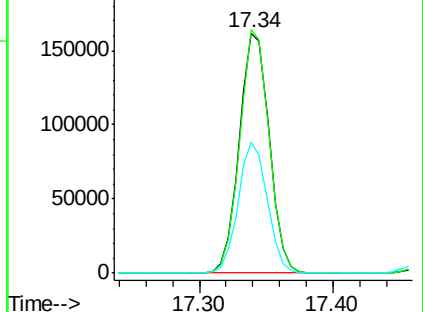
141 54.8 50.8 76.2

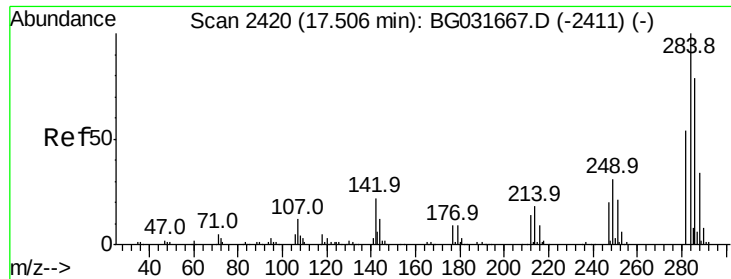


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.304 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.04 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

Instrument :

BNA_G

ClientSampleId :

AU-05-122617-AMS

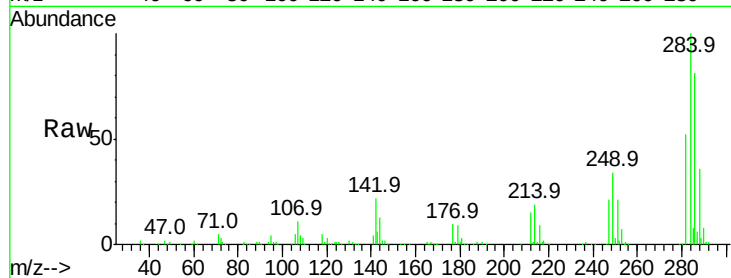
Tot Ion:284 Resp: 257615

Ion Ratio Lower Upper

284 100

142 22.0 26.8 40.2#

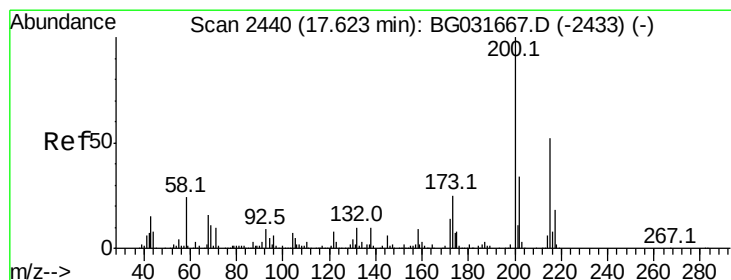
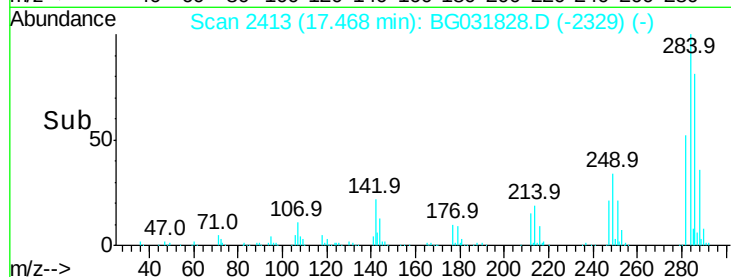
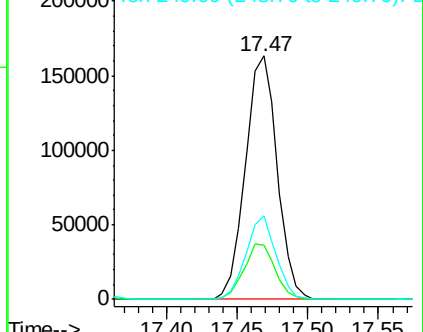
249 34.2 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.919 ng

RT: 17.59 min Scan# 2433

Delta R.T. -0.04 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

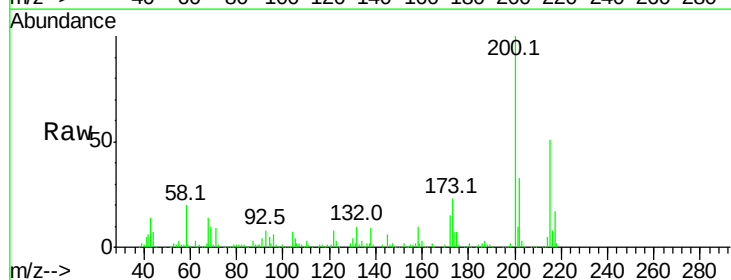
Tgt Ion:200 Resp: 212662

Ion Ratio Lower Upper

200 100

173 23.3 5.2 45.2

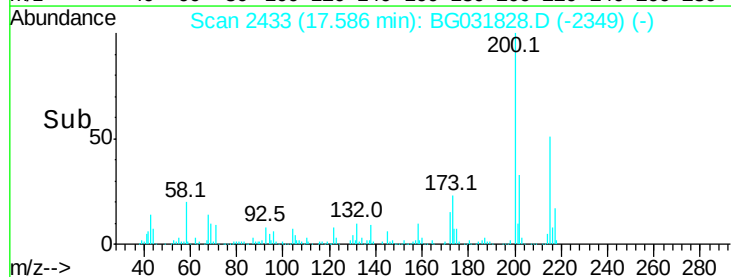
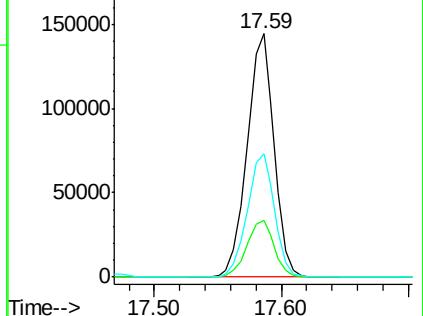
215 50.6 30.4 70.4

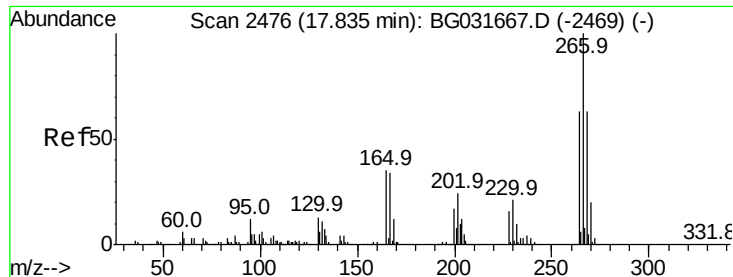


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

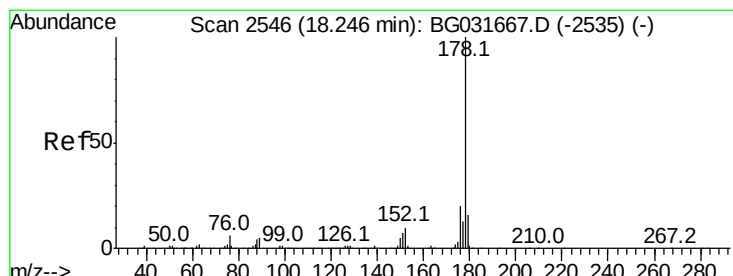
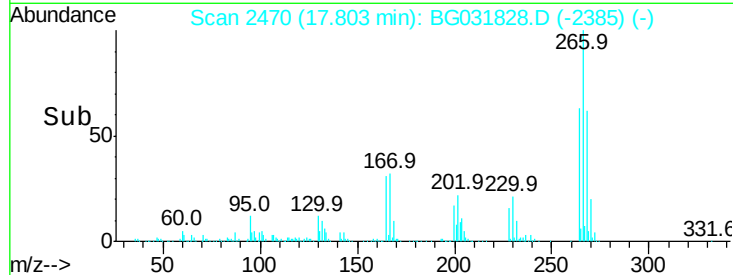
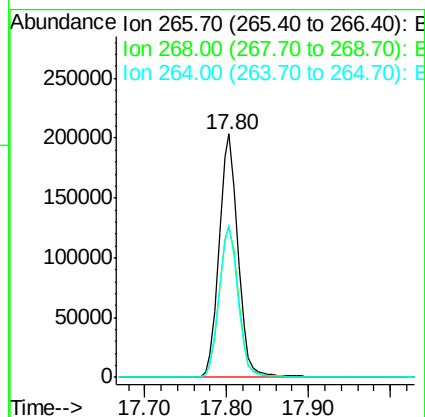
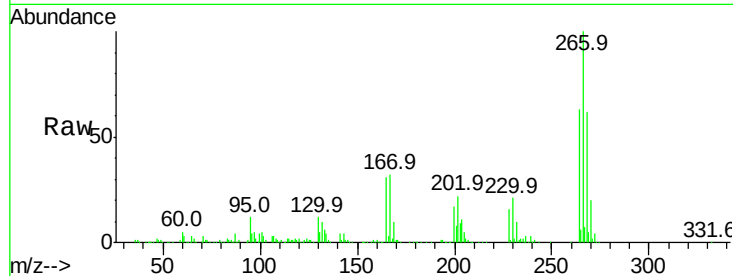




#69
 Pentachlorophenol
 Concen: 80.622 ng
 RT: 17.80 min Scan# 2470
 Delta R.T. -0.03 min
 Lab File: BG031828.D
 Acq: 28 Dec 2017 16:57

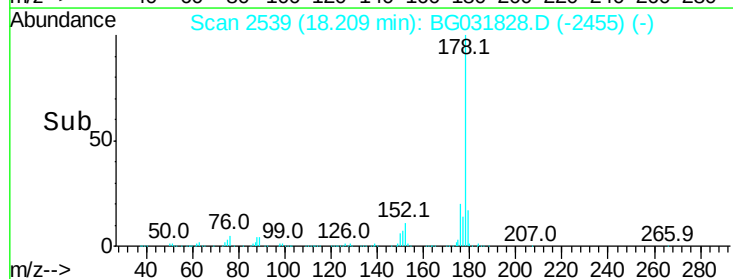
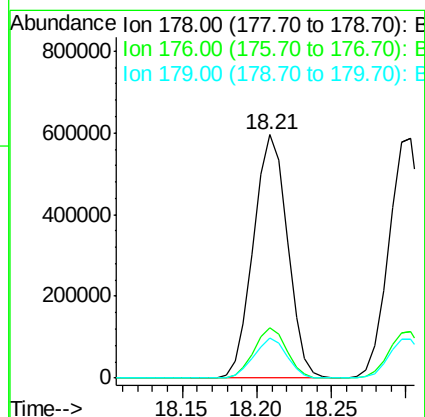
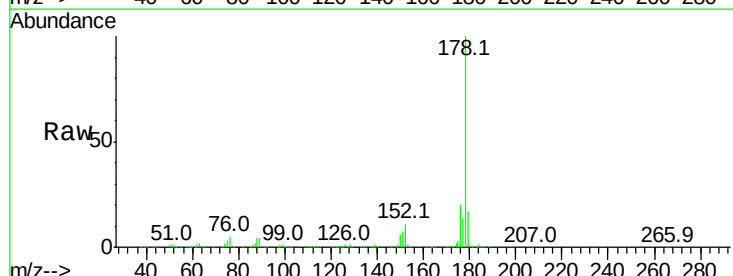
Instrument :
 BNA_G
 ClientSampleId :
 AU-05-122617-AMS

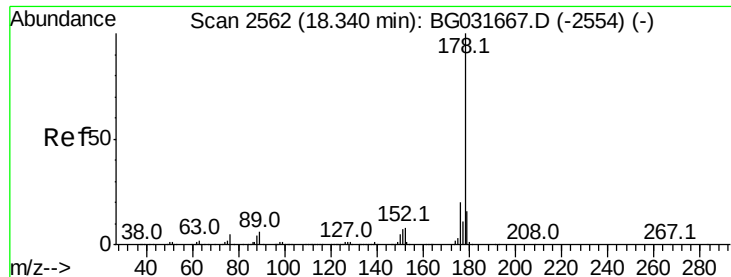
Tot Ion:	266	Resp:	329892
Ion	Ratio	Lower	Upper
266	100		
268	61.7	51.1	76.7
264	62.7	49.6	74.4



#70
 Phenanthrene
 Concen: 41.237 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.04 min
 Lab File: BG031828.D
 Acq: 28 Dec 2017 16:57

Tgt Ion:	178	Resp:	939161
Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.7	23.5
179	16.6	12.5	18.7





#71

Anthracene

Concen: 41.287 ng

RT: 18.30 min Scan# 2555

Delta R.T. -0.04 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

Instrument :

BNA_G

ClientSampleId :

AU-05-122617-AMS

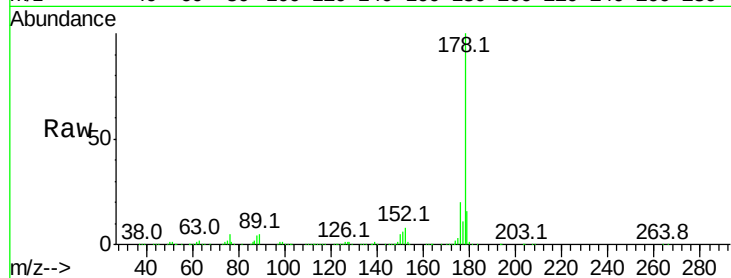
Tot Ion:178 Resp: 948535

Ion Ratio Lower Upper

178 100

176 19.6 16.0 24.0

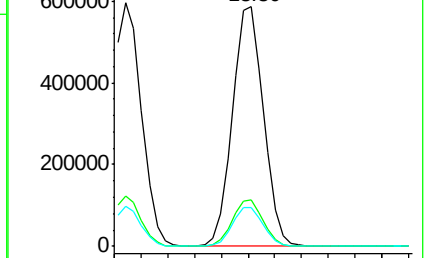
179 16.2 12.5 18.7



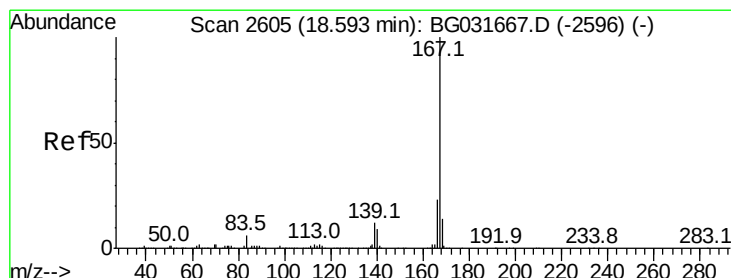
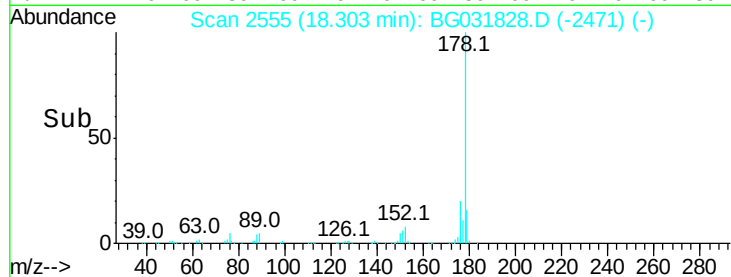
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 18.20 18.30 18.40



#72

Carbazole

Concen: 40.056 ng

RT: 18.56 min Scan# 2598

Delta R.T. -0.04 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

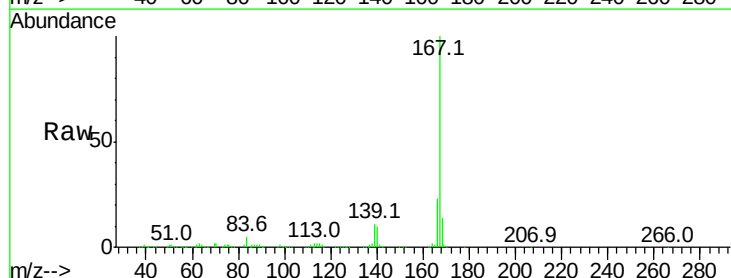
Tgt Ion:167 Resp: 814506

Ion Ratio Lower Upper

167 100

166 23.1 18.2 27.4

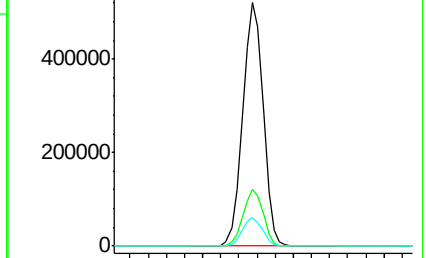
139 11.5 9.4 14.2



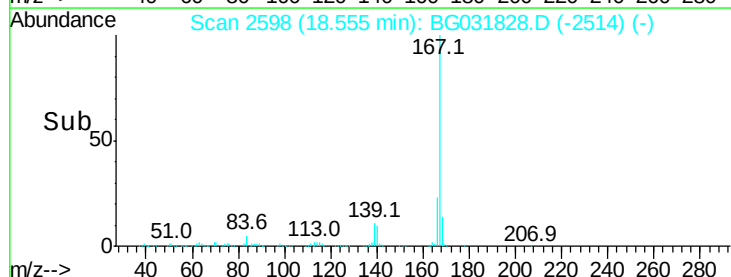
Abundance Ion 167.00 (166.70 to 167.70): E

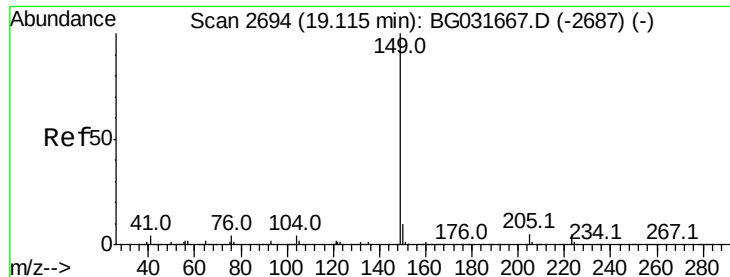
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time--> 18.50 18.60 18.70

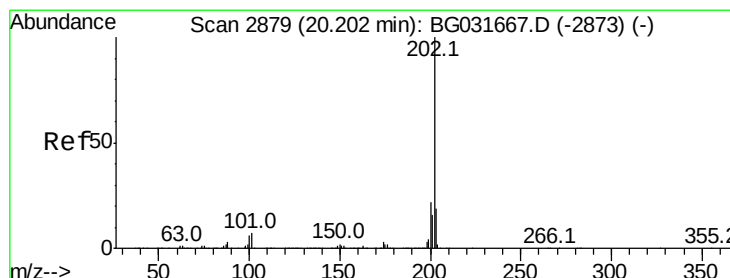
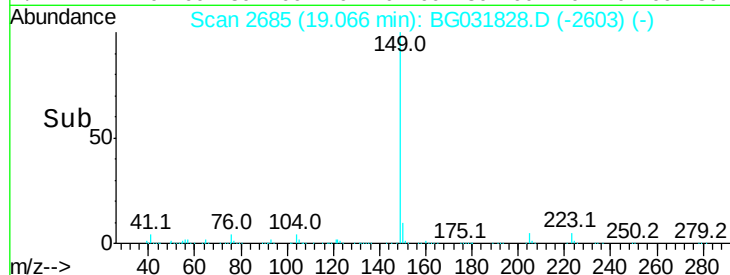
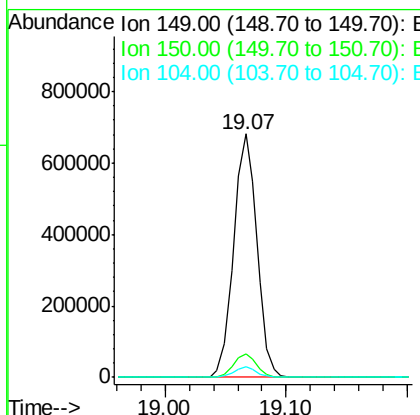
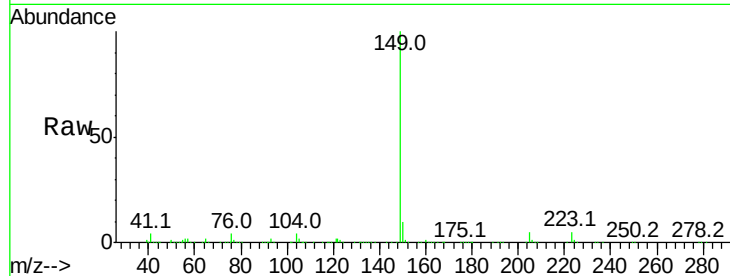




#73
Di-n-butylphthalate
Concen: 40.429 ng
RT: 19.07 min Scan# 2685
Delta R.T. -0.05 min
Lab File: BG031828.D
Acq: 28 Dec 2017 16:57

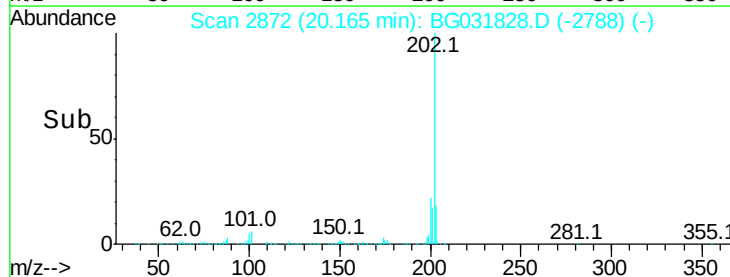
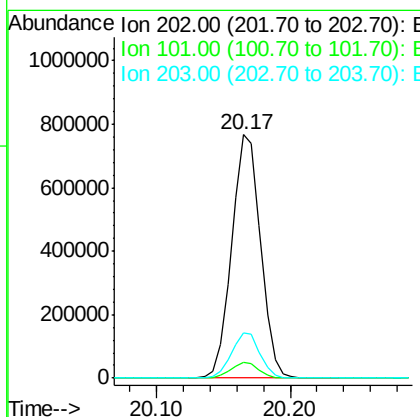
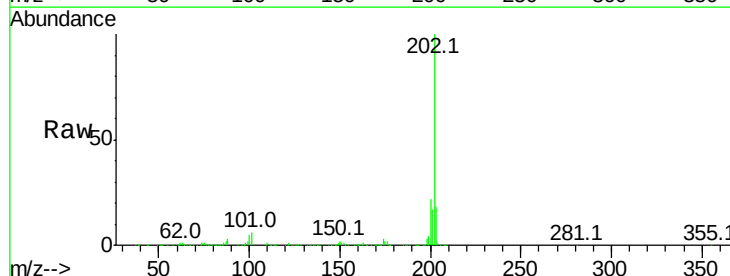
Instrument :
BNA_G
ClientSampleId :
AU-05-122617-AMS

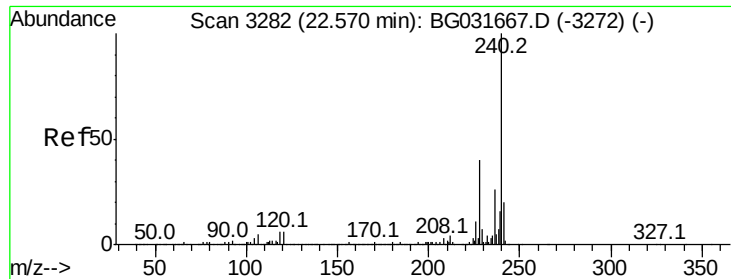
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	4.2	3.9	5.9



#74
Fluoranthene
Concen: 41.085 ng
RT: 20.17 min Scan# 2872
Delta R.T. -0.04 min
Lab File: BG031828.D
Acq: 28 Dec 2017 16:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.3	0.0	28.9
203	18.4	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.52 min Scan# 3272

Delta R.T. -0.05 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

Instrument :

BNA_G

ClientSampleId :

AU-05-122617-AMS

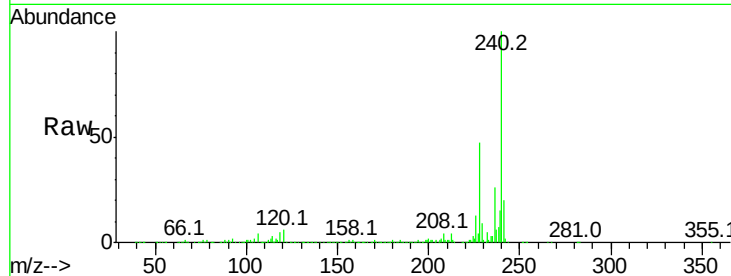
Tot Ion:240 Resp: 453155

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

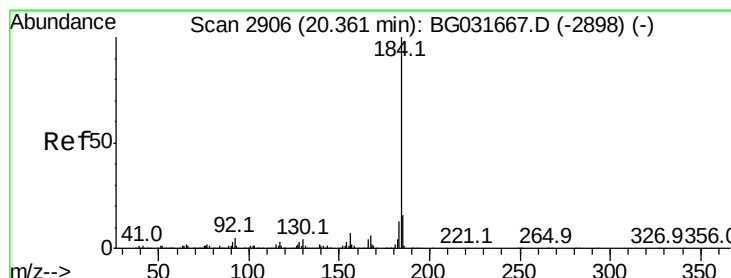
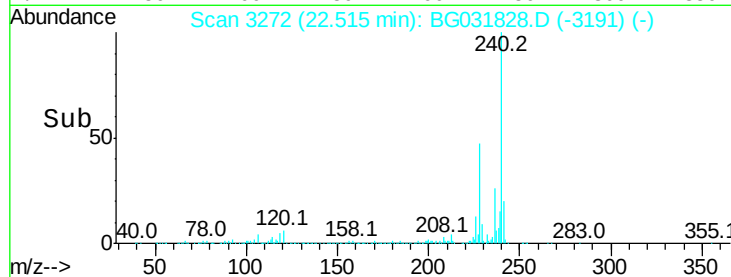
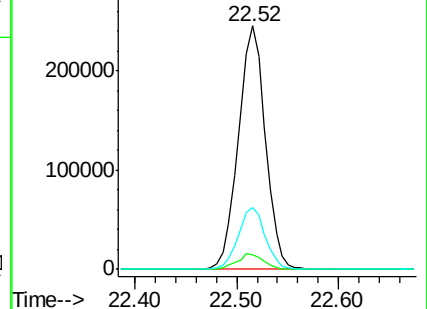
236 25.5 20.9 31.3



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: 3.724 ng

RT: 20.33 min Scan# 2900

Delta R.T. -0.03 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

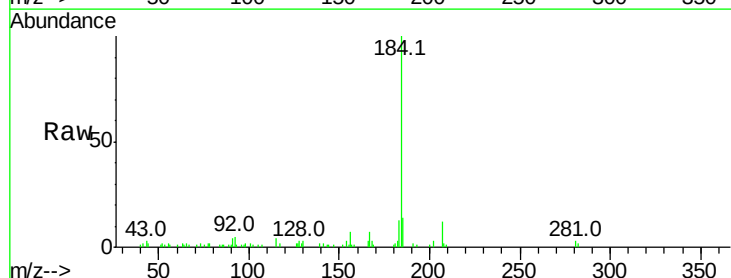
Tgt Ion:184 Resp: 52080

Ion Ratio Lower Upper

184 100

185 13.6 11.1 16.7

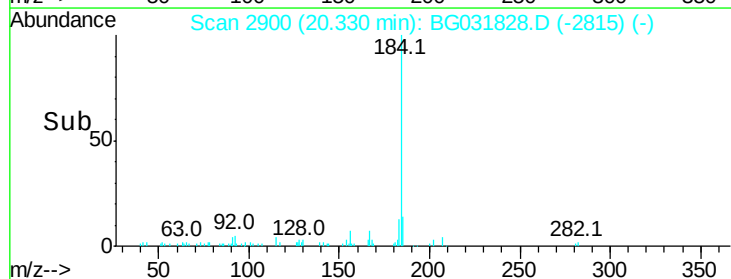
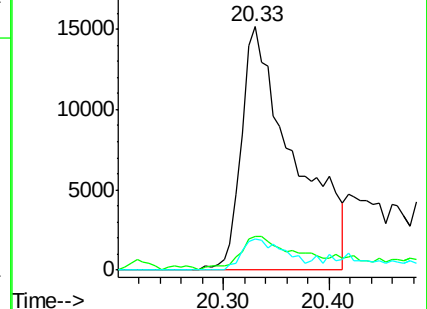
183 12.8 10.6 16.0

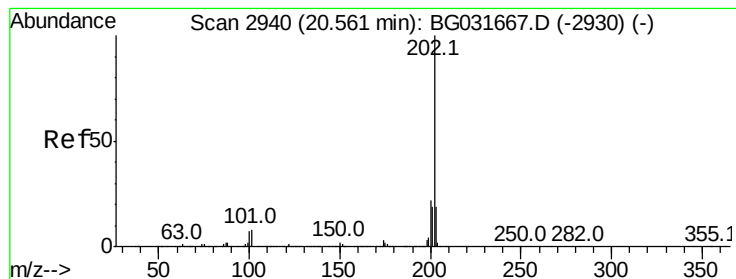


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.088 ng

RT: 20.52 min Scan# 2933

Delta R.T. -0.04 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

Instrument :

BNA_G

ClientSampleId :

AU-05-122617-AMS

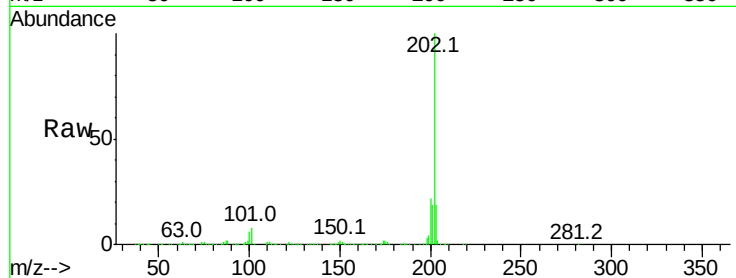
Tot Ion:202 Resp: 1160388

Ion Ratio Lower Upper

202 100

200 21.9 16.9 25.3

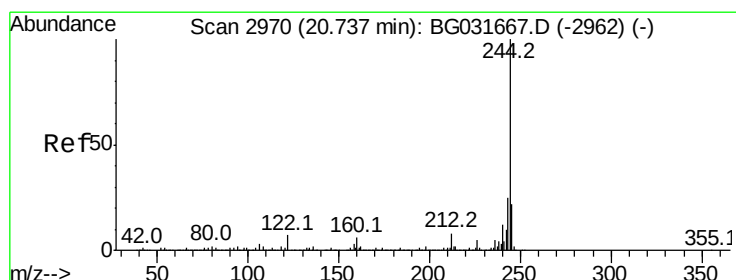
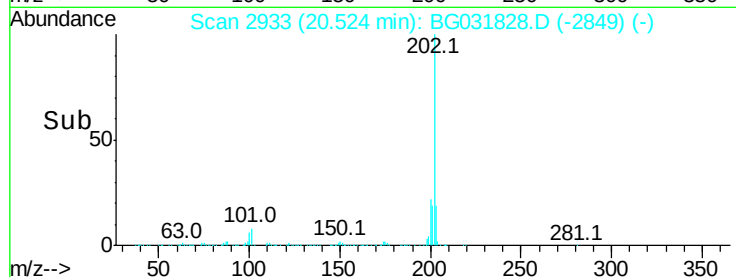
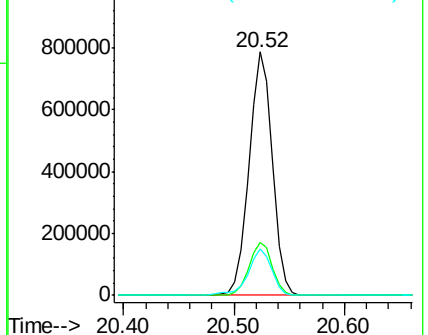
203 18.9 13.9 20.9



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: 91.275 ng

RT: 20.69 min Scan# 2962

Delta R.T. -0.04 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

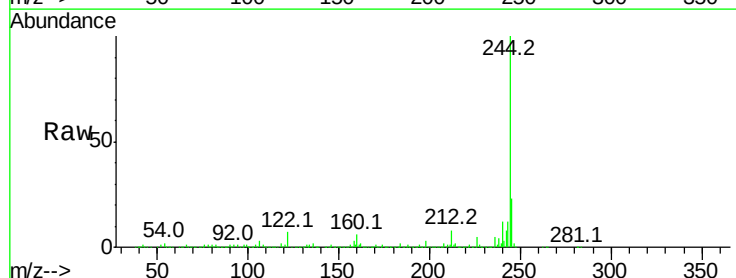
Tgt Ion:244 Resp: 1810426

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

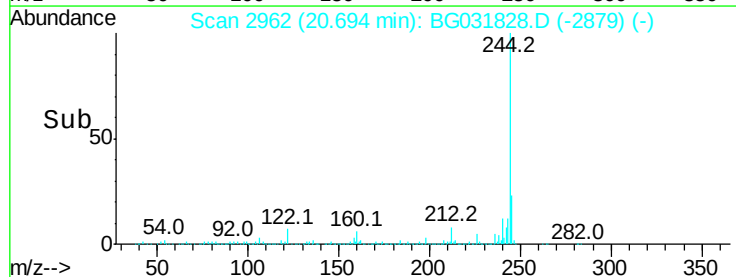
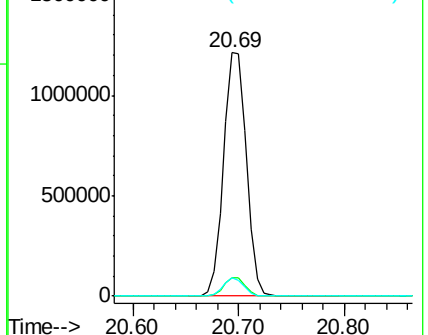
122 7.5 7.0 10.4

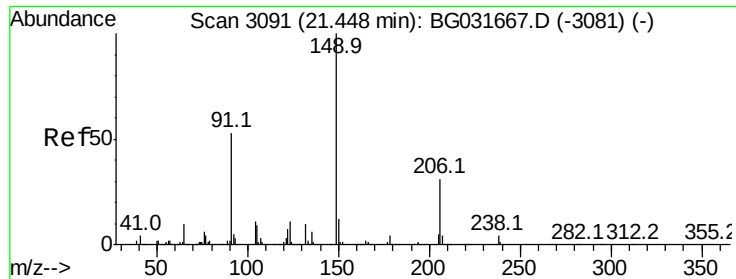


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 42.487 ng

RT: 21.39 min Scan# 3081

Delta R.T. -0.05 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

Instrument :

BNA_G

ClientSampleId :

AU-05-122617-AMS

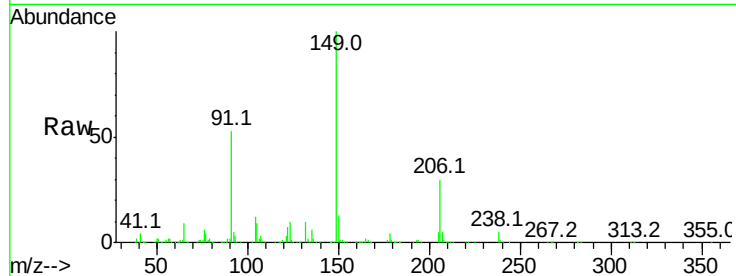
Tot Ion:149 Resp: 412851

Ion Ratio Lower Upper

149 100

91 52.8 62.2 93.2#

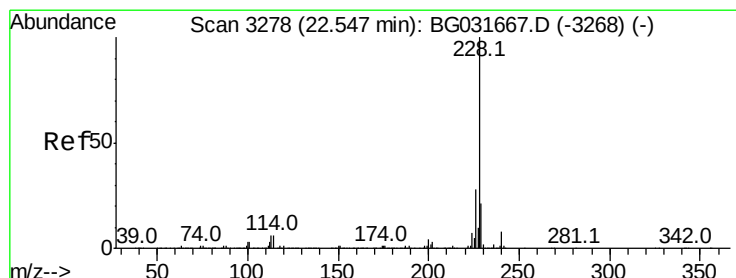
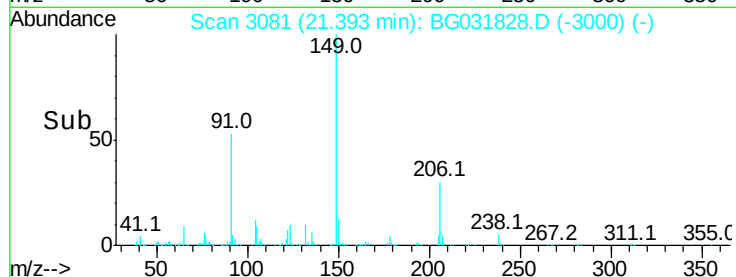
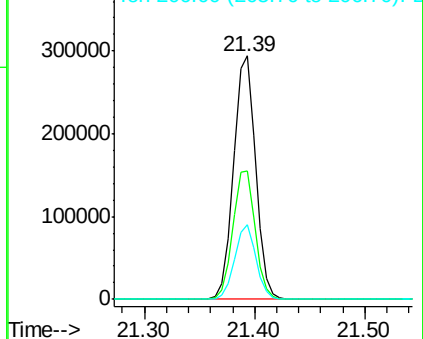
206 30.4 18.6 27.8#



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: 41.641 ng

RT: 22.49 min Scan# 3268

Delta R.T. -0.05 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

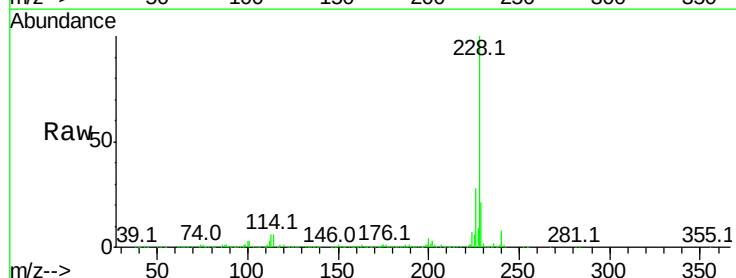
Tgt Ion:228 Resp: 1200325

Ion Ratio Lower Upper

228 100

226 28.3 22.7 34.1

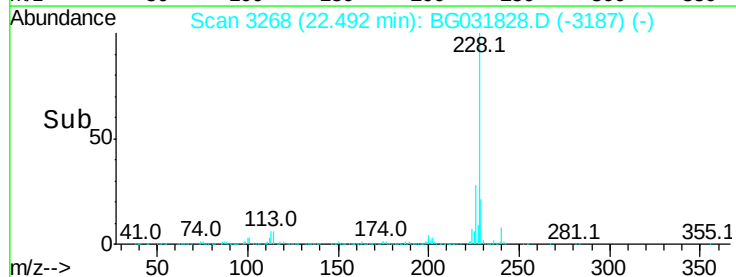
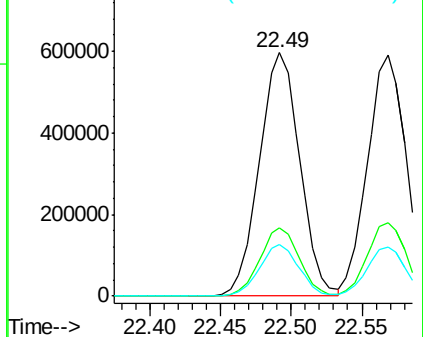
229 21.1 16.2 24.2

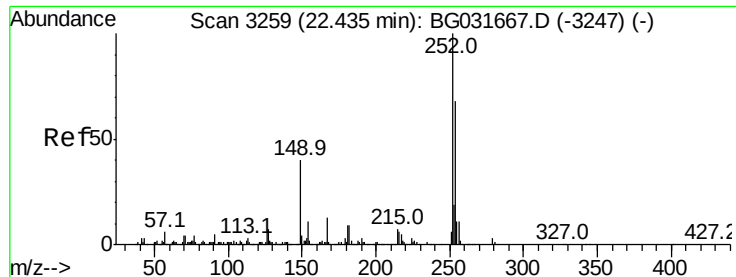


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

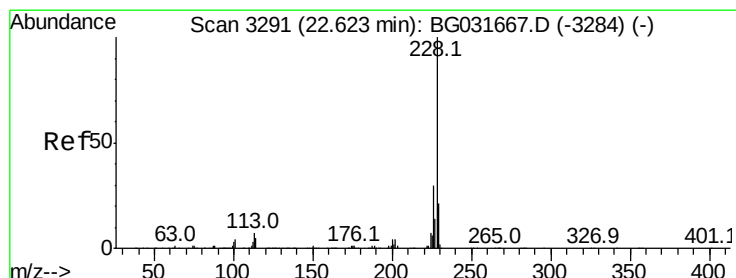
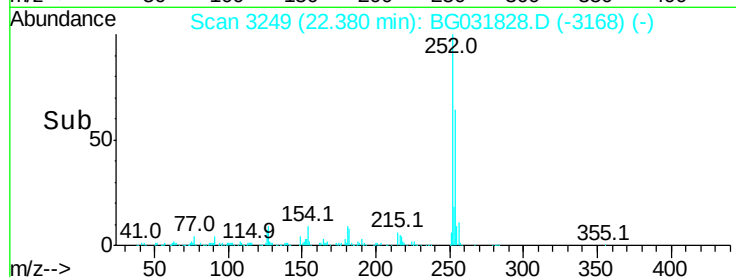
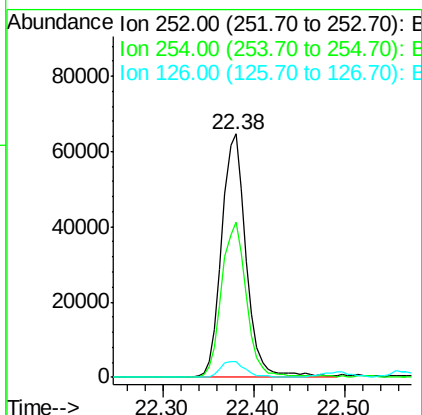
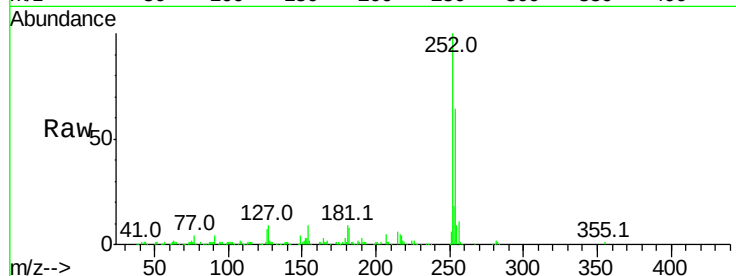




#81
 3,3'-Dichlorobenzidine
 Concen: 10.873 ng
 RT: 22.38 min Scan# 3249
 Delta R.T. -0.05 min
 Lab File: BG031828.D
 Acq: 28 Dec 2017 16:57

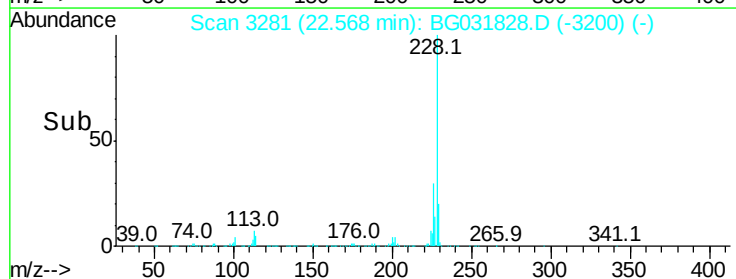
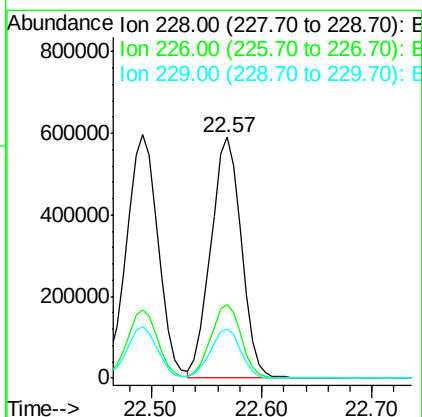
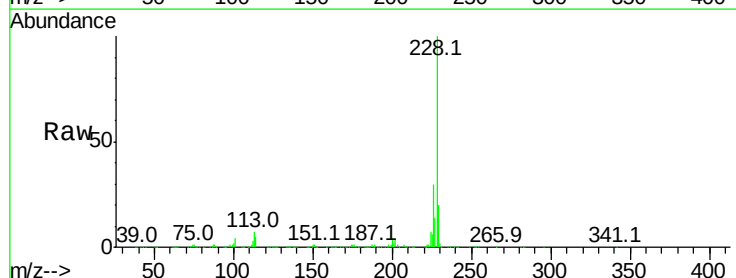
Instrument :
 BNA_G
 ClientSampleId :
 AU-05-122617-AMS

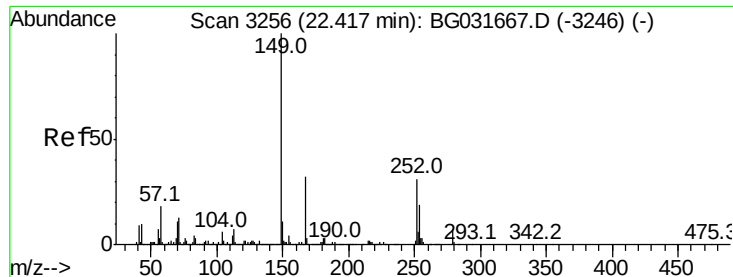
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	50.8	76.2
126	6.6	7.4	11.2#



#82
 Chrysene
 Concen: 41.197 ng
 RT: 22.57 min Scan# 3281
 Delta R.T. -0.05 min
 Lab File: BG031828.D
 Acq: 28 Dec 2017 16:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	20.5	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.745 ng

RT: 22.34 min Scan# 3242

Delta R.T. -0.08 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

Instrument :

BNA_G

ClientSampleId :

AU-05-122617-AMS

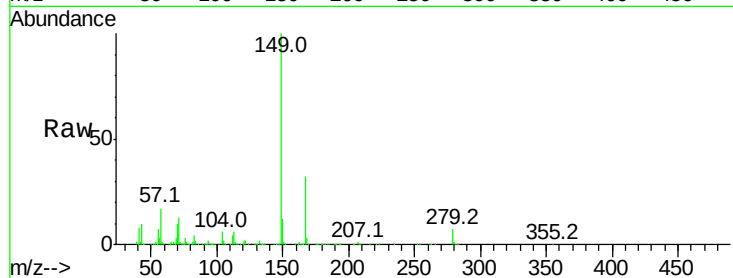
Tot Ion:149 Resp: 587692

Ion Ratio Lower Upper

149 100

167 31.8 24.3 36.5

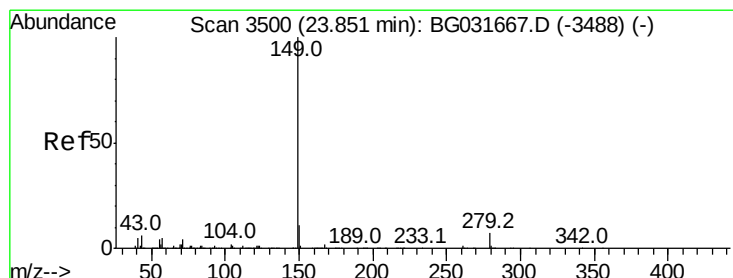
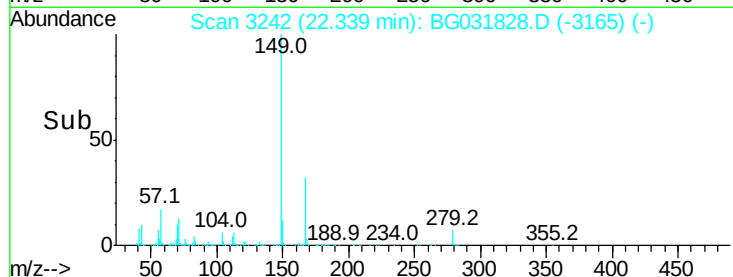
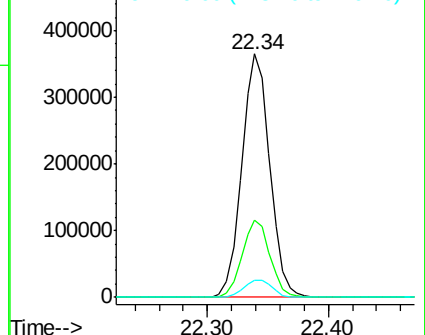
279 7.2 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.021 ng

RT: 23.74 min Scan# 3481

Delta R.T. -0.11 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

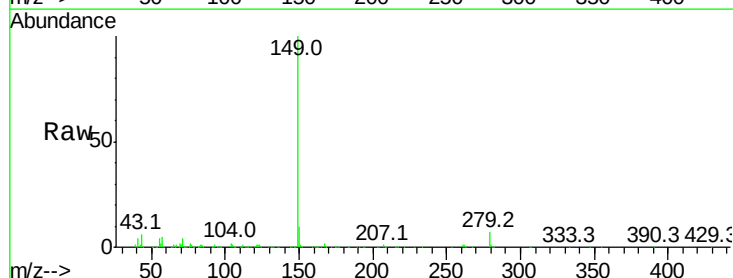
Tgt Ion:149 Resp: 1019992

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

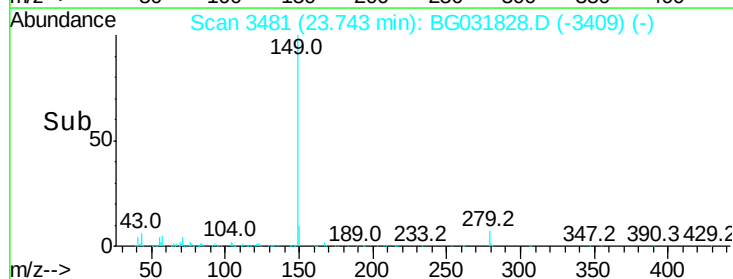
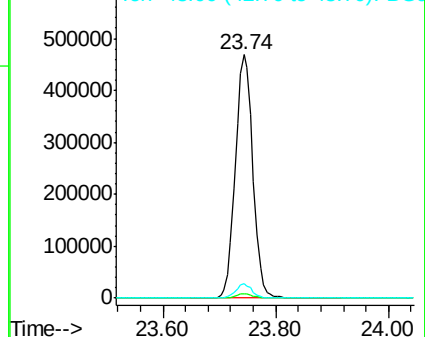
43 5.4 8.9 13.3#

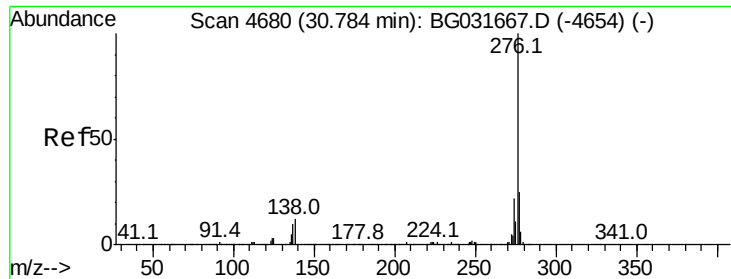


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

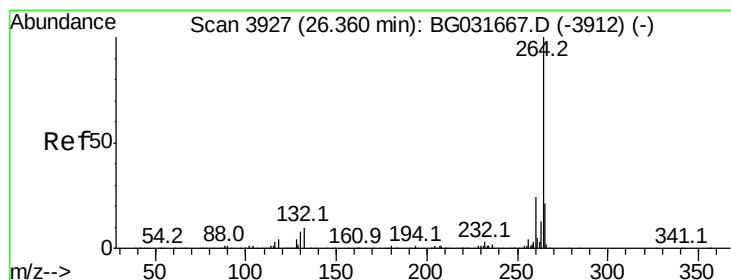
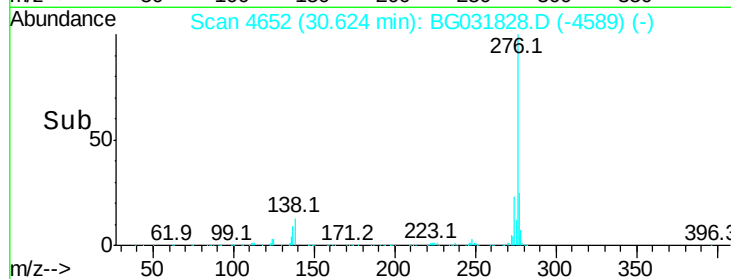
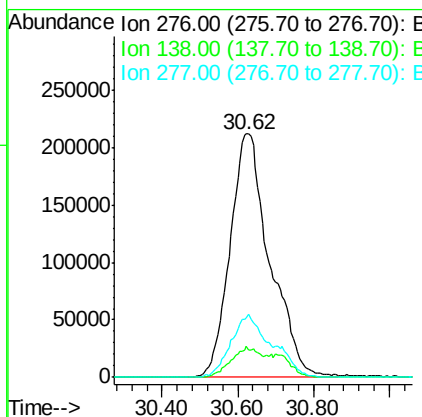
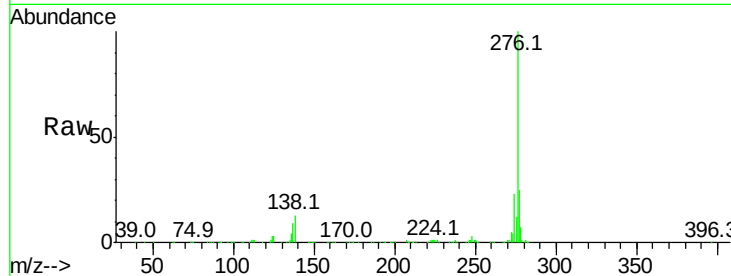




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.239 ng
 RT: 30.62 min Scan# 4652
 Delta R.T. -0.16 min
 Lab File: BG031828.D
 Acq: 28 Dec 2017 16:57

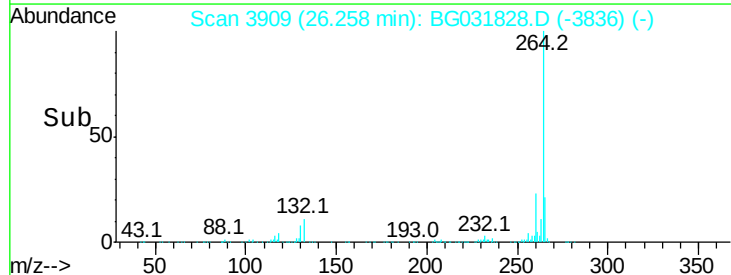
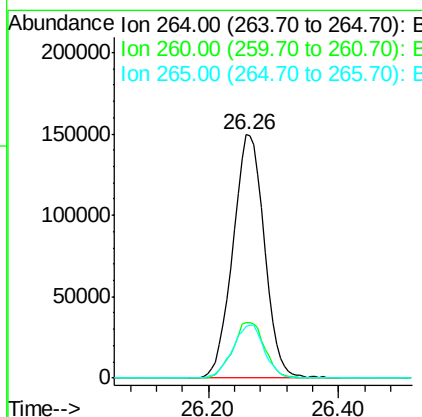
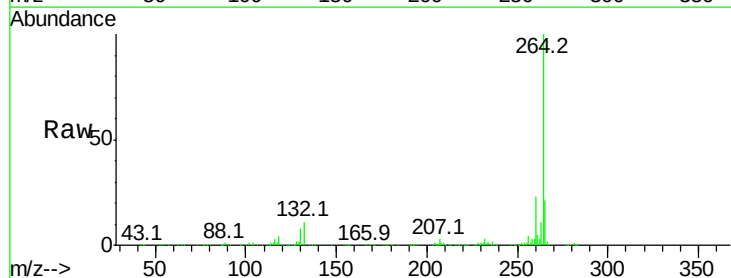
Instrument :
 BNA_G
 ClientSampleId :
 AU-05-122617-AMS

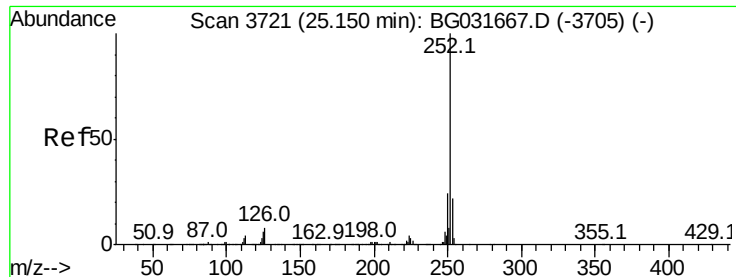
Tot Ion:276 Resp: 1547911
 Ion Ratio Lower Upper
 276 100
 138 9.2 16.0 24.0#
 277 26.5 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.26 min Scan# 3909
 Delta R.T. -0.10 min
 Lab File: BG031828.D
 Acq: 28 Dec 2017 16:57

Tgt Ion:264 Resp: 500928
 Ion Ratio Lower Upper
 264 100
 260 22.7 17.4 26.0
 265 21.3 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 41.503 ng

RT: 25.06 min Scan# 3705

Delta R.T. -0.09 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

Instrument :

BNA_G

ClientSampleId :

AU-05-122617-AMS

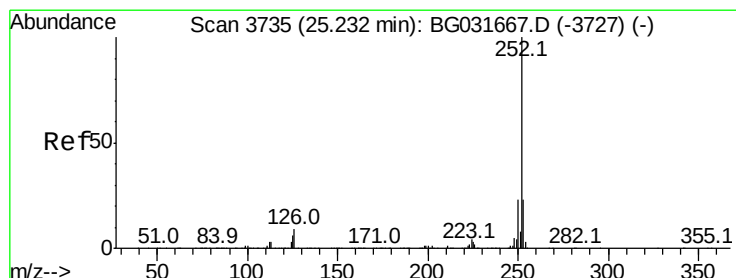
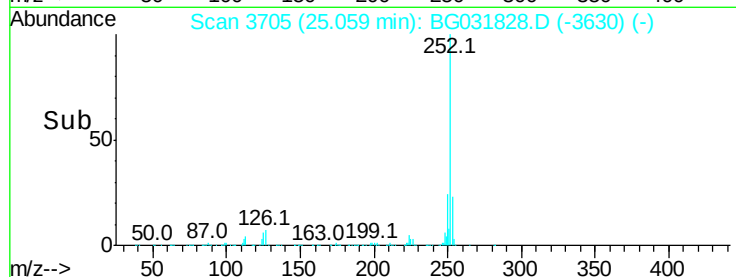
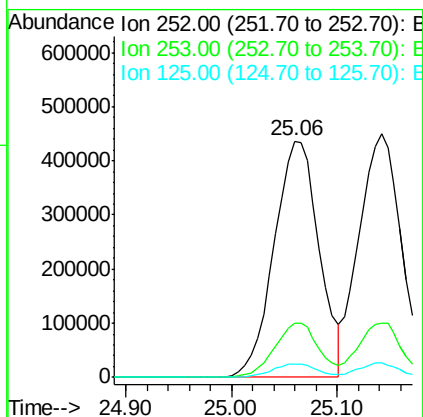
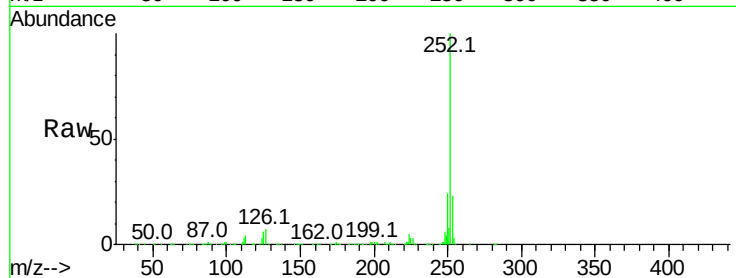
Tot Ion:252 Resp: 1290534

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.4

125 5.7 7.2 10.8#



#88

Benzo(k)fluoranthene

Concen: 40.194 ng

RT: 25.14 min Scan# 3719

Delta R.T. -0.09 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

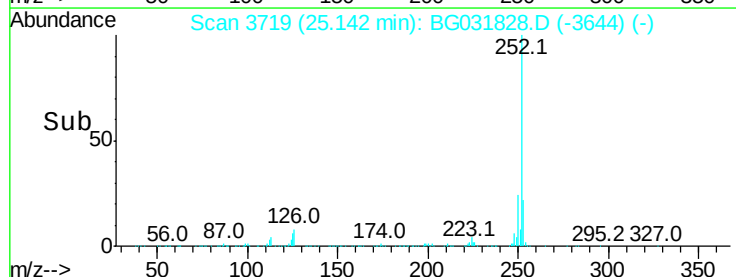
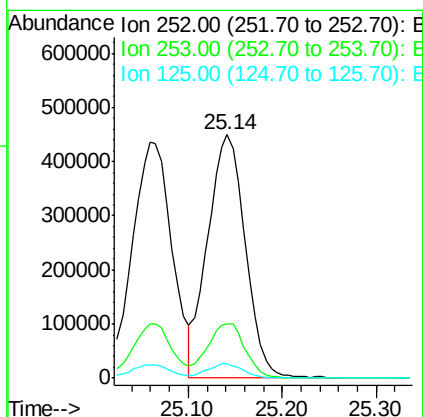
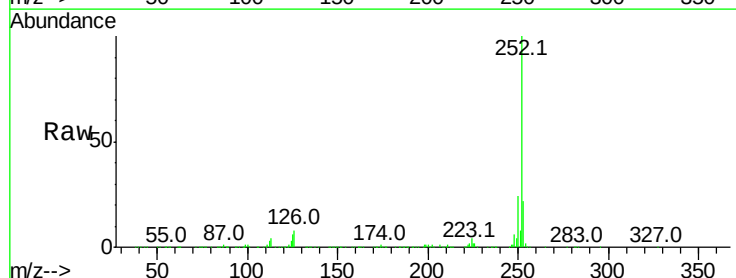
Tgt Ion:252 Resp: 1250768

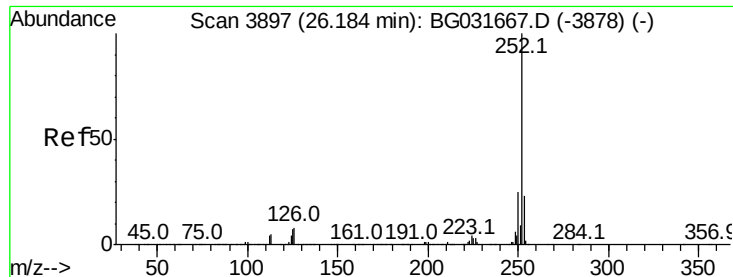
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 6.0 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 42.389 ng

RT: 26.09 min Scan# 3880

Delta R.T. -0.10 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

Instrument :

BNA_G

ClientSampleId :

AU-05-122617-AMS

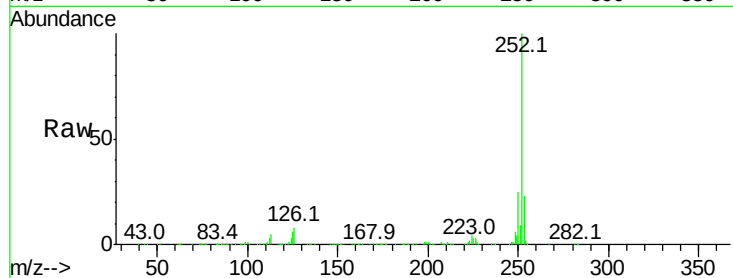
Tot Ion:252 Resp: 1262343

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.3	27.5
125	6.5	7.3	10.9

252 100

253 23.1 18.3 27.5

125 6.5 7.3 10.9

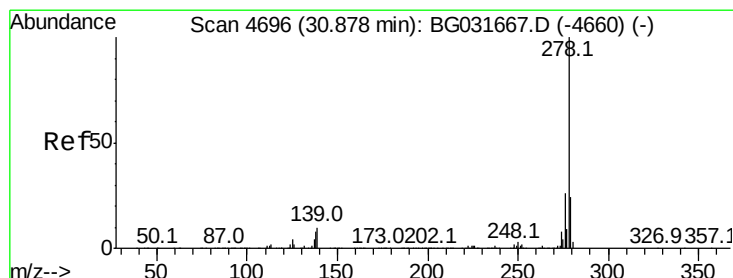
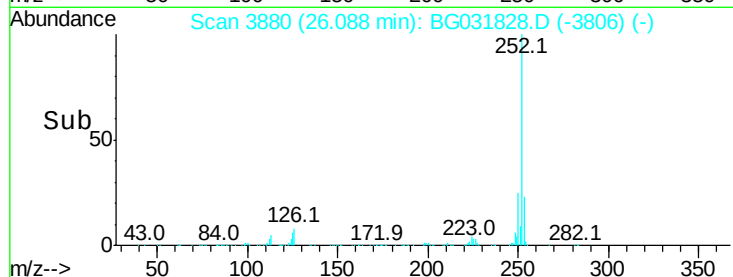
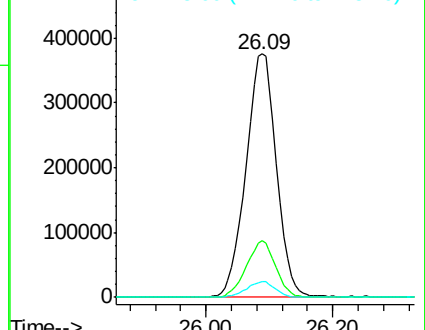


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.808 ng

RT: 30.71 min Scan# 4667

Delta R.T. -0.17 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

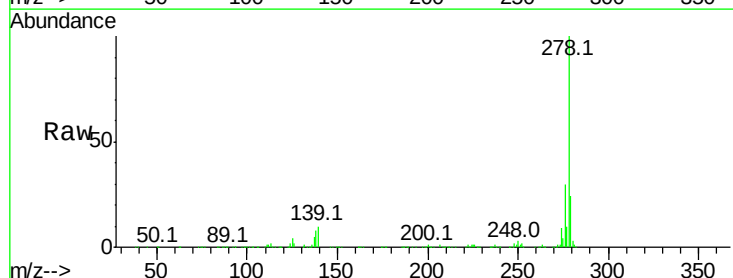
Tgt Ion:278 Resp: 1285865

Ion	Ratio	Lower	Upper
278	100		
139	9.7	9.8	14.6
279	23.9	18.4	27.6

278 100

139 9.7 9.8 14.6

279 23.9 18.4 27.6

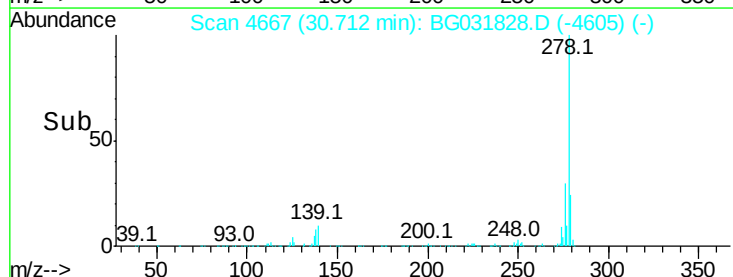
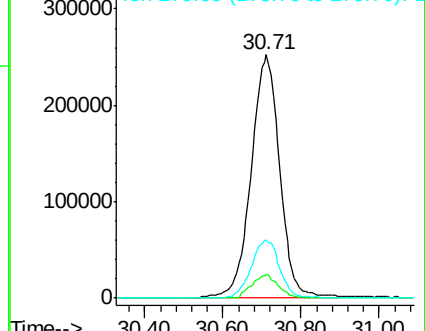


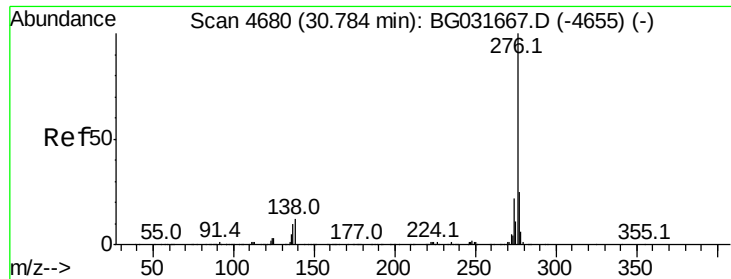
Abundance

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





#91

Benzo(a,h,i)perylene

Concen: 42.627 ng

RT: 30.62 min Scan# 4652

Delta R.T. -0.16 min

Lab File: BG031828.D

Acq: 28 Dec 2017 16:57

Instrument :

BNA_G

ClientSampleId :

AU-05-122617-AMS

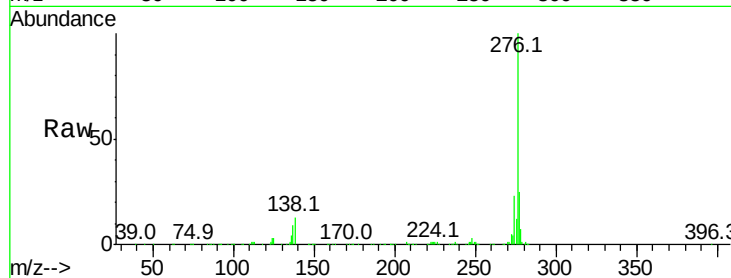
Tot Ion:276 Resp: 1547911

Ion Ratio Lower Upper

276 100

277 24.6 18.3 27.5

138 12.6 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

