

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102017\
 Data File : BG029381.D
 Acq On : 20 Oct 2017 20:46
 Operator : SJ/JU
 Sample : PB103492BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 21 22:33:50 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	53239	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	246069	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	176136	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	457569	20.00	ng	0.00
75) Chrysene-d12	21.80	240	506618	20.00	ng	0.00
86) Perylene-d12	25.10	264	513672	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	310200	97.34	ng	0.00
7) Phenol-d6	7.32	99	416729	93.16	ng	0.00
23) Nitrobenzene-d5	9.33	82	354390	91.52	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	239816	105.46	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	982205	81.79	ng	0.00
78) Terphenyl-d14	20.11	244	1872975	84.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	49515	38.293	ng	86
3) Pyridine	3.98	79	143083	37.999	ng	92
4) n-Nitrosodimethylamine	3.89	42	75830	43.082	ng	# 89
6) Aniline	7.48	93	170598	30.798	ng	93
8) 2-Chlorophenol	7.73	128	160921	44.052	ng	92
9) Benzaldehyde	7.29	77	54923	24.410	ng	87
10) Phenol	7.34	94	217820	45.166	ng	93
11) bis(2-Chloroethyl)ether	7.57	93	146988	41.833	ng	93
12) 1,3-Dichlorobenzene	8.05	146	167410	40.820	ng	96
13) 1,4-Dichlorobenzene	8.20	146	167888	40.096	ng	95
14) 1,2-Dichlorobenzene	8.52	146	162217	40.166	ng	96
15) Benzyl Alcohol	8.40	79	149503	47.425	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.70	45	245380	41.122	ng	94
17) 2-Methylphenol	8.60	107	144672	45.158	ng	98
18) Hexachloroethane	9.26	117	57627	40.385	ng	95
19) n-Nitroso-di-n-propylamine	8.97	70	125900	41.392	ng	# 95
20) 3+4-Methylphenols	8.93	107	205706	45.570	ng	94
22) Acetophenone	8.99	105	234684	39.575	ng	# 94
24) Nitrobenzene	9.38	77	179768	41.290	ng	93
25) Isophorone	9.89	82	352694	43.630	ng	95
26) 2-Nitrophenol	10.09	139	93897	45.124	ng	# 87
27) 2,4-Dimethylphenol	10.14	122	173211	46.007	ng	93
28) bis(2-Chloroethoxy)methane	10.38	93	214999	43.374	ng	95
29) 2,4-Dichlorophenol	10.62	162	188353	46.915	ng	90
30) 1,2,4-Trichlorobenzene	10.85	180	179323	41.344	ng	99
31) Naphthalene	11.03	128	495767	40.426	ng	98
32) Benzoic acid	10.26	122	123918	39.310	ng	# 83
33) 4-Chloroaniline	11.13	127	146010	28.304	ng	97
34) Hexachlorobutadiene	11.32	225	109966	40.777	ng	91
35) Caprolactam	11.90	113	54071	40.525	ng	# 87
36) 4-Chloro-3-methylphenol	12.24	107	203379	46.059	ng	# 89
37) 2-Methylnaphthalene	12.63	142	396415	44.352	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	219457	34.126	ng	98
40) Hexachlorocyclopentadiene	12.97	237	268058	108.286	ng	93

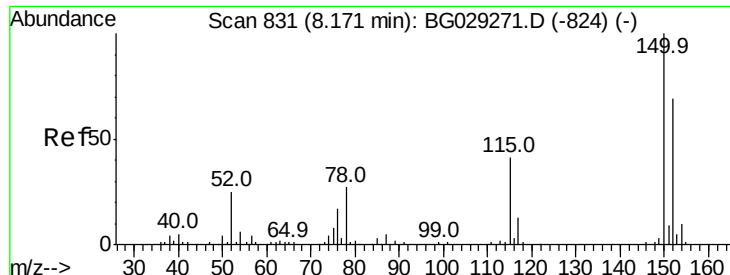
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102017\
 Data File : BG029381.D
 Acq On : 20 Oct 2017 20:46
 Operator : SJ/JU
 Sample : PB103492BS
 Misc :
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Instrument :
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Quant Time: Oct 21 22:33:50 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	169173	41.906	ng	97
43) 2,4,5-Trichlorophenol	13.30	196	187067	45.121	ng	95
45) 1,1'-Biphenyl	13.62	154	546417	36.092	ng	98
46) 2-Chloronaphthalene	13.67	162	424137	38.408	ng	98
47) 2-Nitroaniline	13.86	65	140852	46.437	ng	# 87
48) Acenaphthylene	14.51	152	689812	39.913	ng	98
49) Dimethylphthalate	14.23	163	602551	43.845	ng	100
50) 2,6-Dinitrotoluene	14.35	165	136382	47.341	ng	# 79
51) Acenaphthene	14.85	154	431160	38.343	ng	99
52) 3-Nitroaniline	14.68	138	112821	36.292	ng	# 82
53) 2,4-Dinitrophenol	14.89	184	97095	62.762	ng	# 53
54) Dibenzofuran	15.18	168	696058	43.361	ng	99
55) 4-Nitrophenol	14.99	139	249585	97.385	ng	# 84
56) 2,4-Dinitrotoluene	15.13	165	197380	50.612	ng	# 79
57) Fluorene	15.83	166	560065	42.234	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.41	232	187056	54.080	ng	95
59) Diethylphthalate	15.59	149	621754	45.397	ng	98
60) 4-Chlorophenyl-phenylether	15.82	204	314344	44.459	ng	94
61) 4-Nitroaniline	15.84	138	156005	48.872	ng	86
62) Azobenzene	16.10	77	538258	46.605	ng	97
64) 4,6-Dinitro-2-methylphenol	15.90	198	97403	38.534	ng	88
65) n-Nitrosodiphenylamine	16.03	169	533780	38.942	ng	98
66) 4-Bromophenyl-phenylether	16.70	248	216202	41.177	ng	99
67) Hexachlorobenzene	16.83	284	233779	39.308	ng	92
68) Atrazine	16.97	200	223965	45.793	ng	98
69) Pentachlorophenol	17.17	266	300321	87.903	ng	98
70) Phenanthrene	17.57	178	985499	41.691	ng	97
71) Anthracene	17.66	178	1005752	42.373	ng	99
72) Carbazole	17.92	167	958815	42.052	ng	99
73) Di-n-butylphthalate	18.47	149	1117338	42.608	ng	99
74) Fluoranthene	19.56	202	1244149	45.000	ng	96
76) Benzidine	19.73	184	409956	26.800	ng	98
77) Pyrene	19.92	202	1257504	40.918	ng	96
79) Butylbenzylphthalate	20.79	149	530400	40.509	ng	88
80) Benzo(a)anthracene	21.77	228	1280485	43.049	ng	99
81) 3,3'-Dichlorobenzidine	21.68	252	386580	31.488	ng	97
82) Chrysene	21.84	228	1179740	41.415	ng	97
83) Bis(2-ethylhexyl)phthalate	21.67	149	740169	39.390	ng	100
84) Di-n-octyl phthalate	22.91	149	1280904	39.113	ng	97
85) Indeno(1,2,3-cd)pyrene	28.88	276	1548385	44.183	ng	# 94
87) Benzo(b)fluoranthene	24.05	252	1314298	44.692	ng	99
88) Benzo(k)fluoranthene	24.12	252	1286921	43.925	ng	98
89) Benzo(a)pyrene	24.95	252	1275087	45.101	ng	100
90) Dibenzo(a,h)anthracene	28.95	278	1298716	45.375	ng	97
91) Benzo(g,h,i)perylene	30.08	276	1296886	48.766	ng	97

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

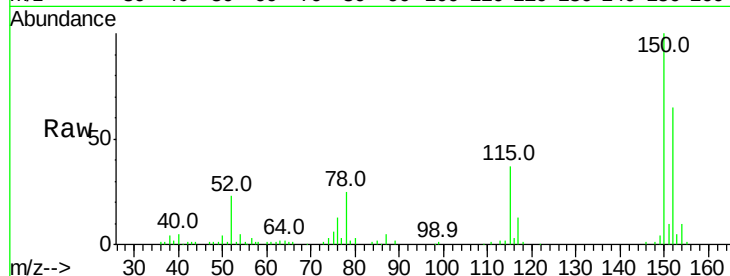


#1

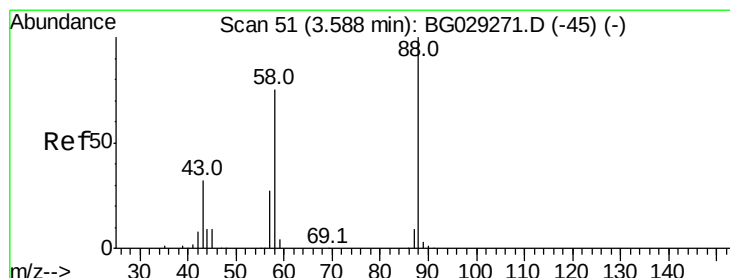
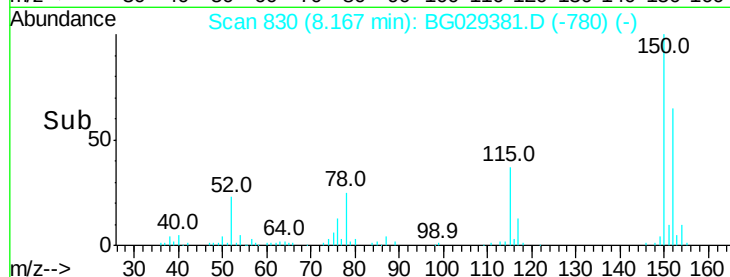
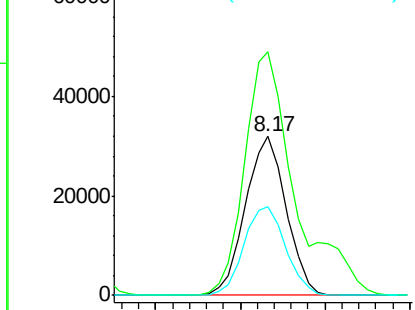
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 53239
Ion Ratio Lower Upper
152 100
150 153.2 126.6 189.8
115 56.2 53.0 79.4



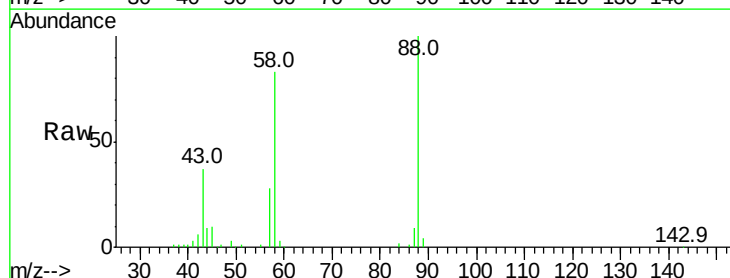
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



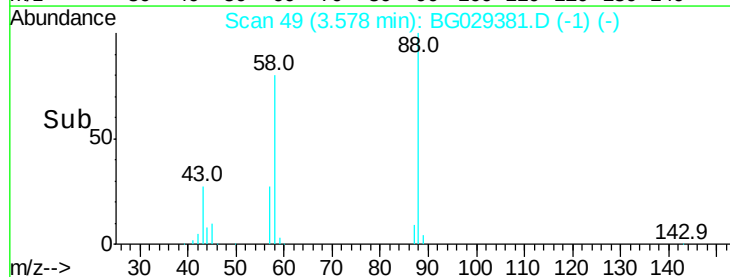
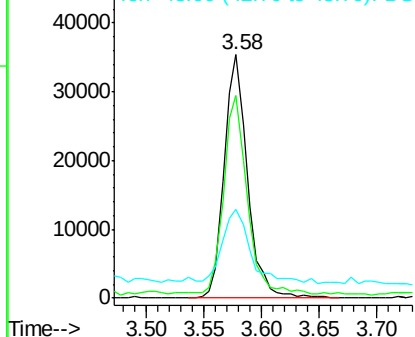
#2

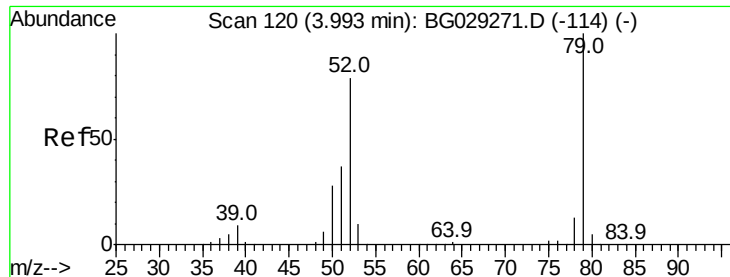
1,4-Dioxane
Concen: 38.293 ng
RT: 3.58 min Scan# 49
Delta R.T. -0.01 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Tgt Ion: 88 Resp: 49515
Ion Ratio Lower Upper
88 100
58 81.5 79.6 119.4
43 36.1 27.4 41.0



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





#3

Pvridine

Concen: 37.999 ng

RT: 3.98 min Scan# 117

Delta R.T. -0.02 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

Instrument :

BNA_G

ClientSampled :

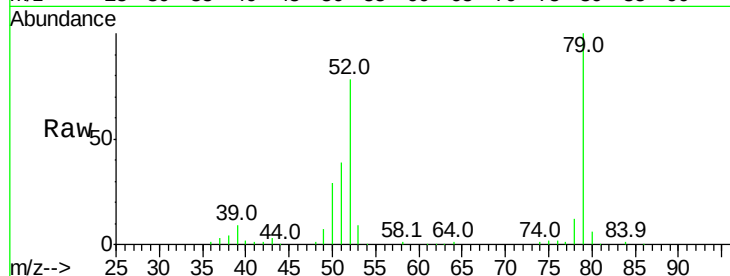
Tot Ion: 79 Resp: 143083

Ion Ratio Lower Upper

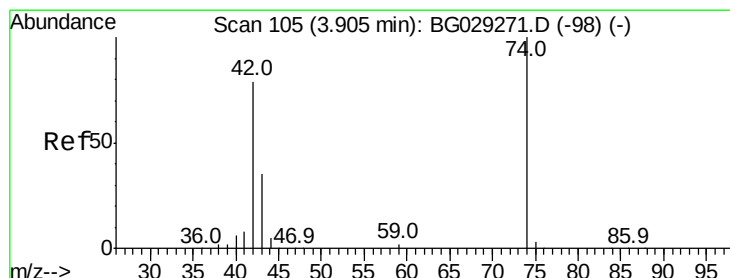
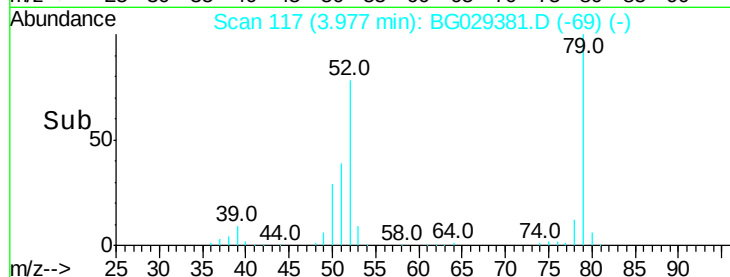
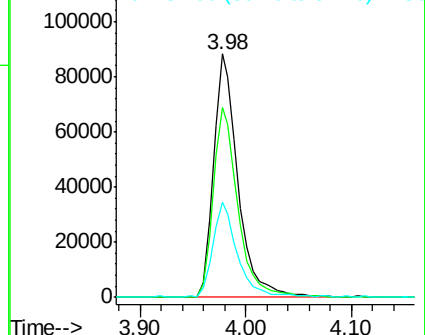
79 100

52 78.2 69.9 104.9

51 39.1 34.0 51.0



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



#4

n-Nitrosodimethylamine

Concen: 43.082 ng

RT: 3.89 min Scan# 102

Delta R.T. -0.02 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

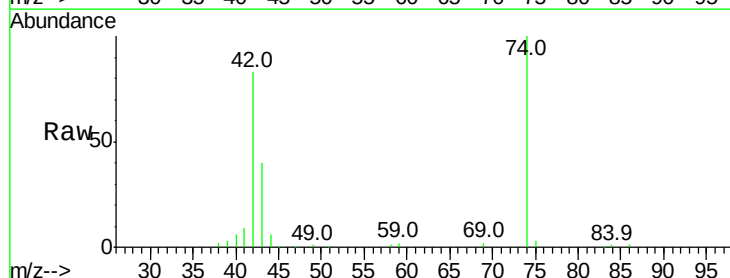
Tgt Ion: 42 Resp: 75830

Ion Ratio Lower Upper

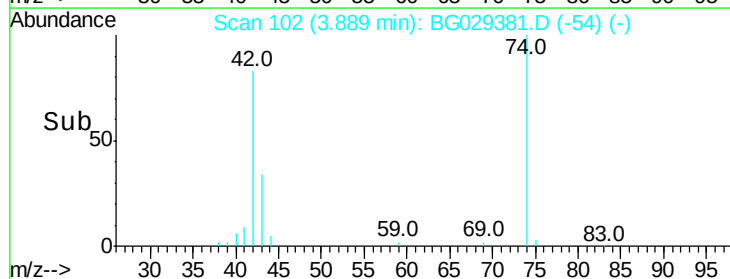
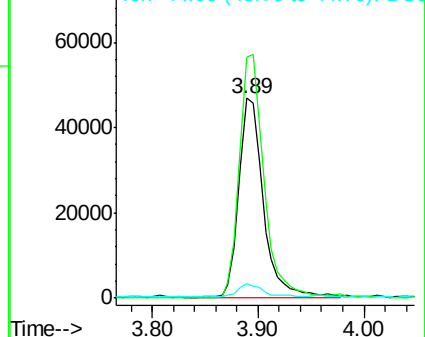
42 100

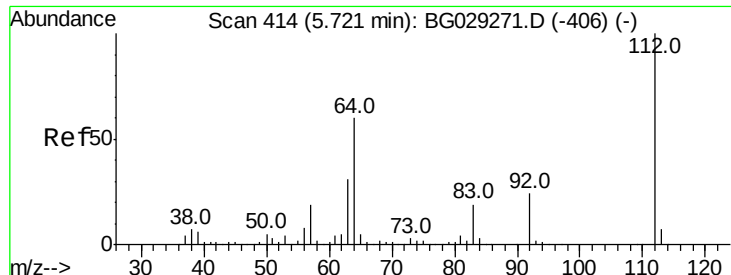
74 120.9 102.5 153.7

44 7.0 18.9 28.3#



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





#5

2-Fluorophenol

Concen: 97.336 ng

RT: 5.72 min Scan# 413

Delta R.T. -0.00 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

Instrument :
BNA_G
ClientSampled :

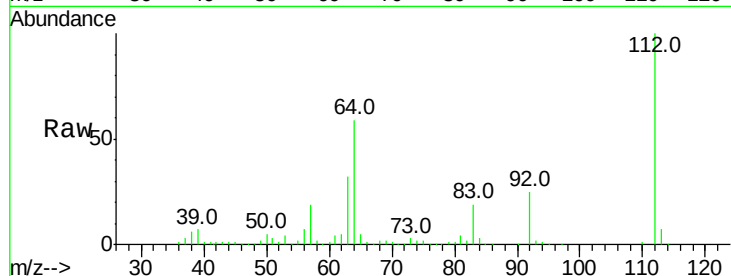
Tot Ion:112 Resp: 310200

Ion Ratio Lower Upper

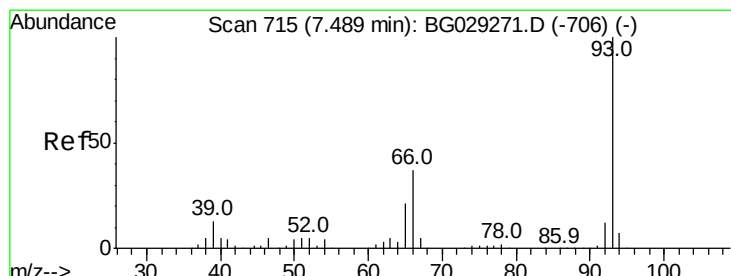
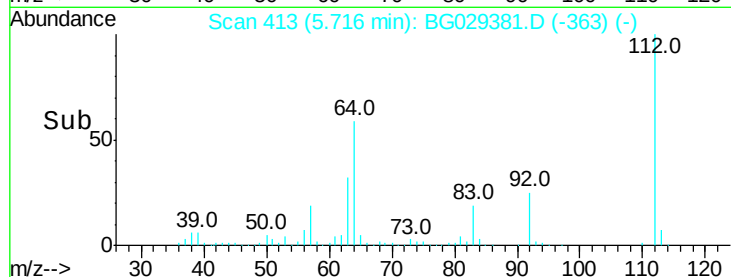
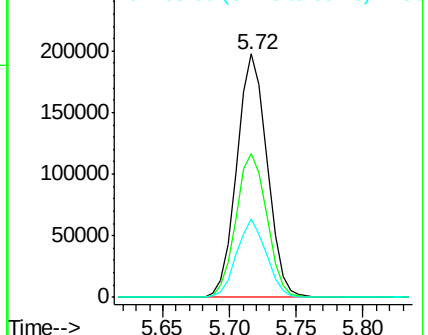
112 100

64 58.8 56.3 84.5

63 32.2 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 30.798 ng

RT: 7.48 min Scan# 713

Delta R.T. -0.01 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

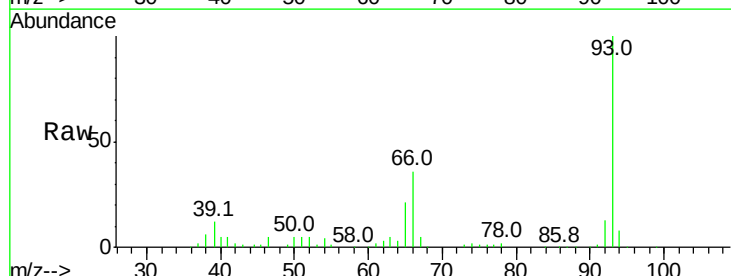
Tgt Ion: 93 Resp: 170598

Ion Ratio Lower Upper

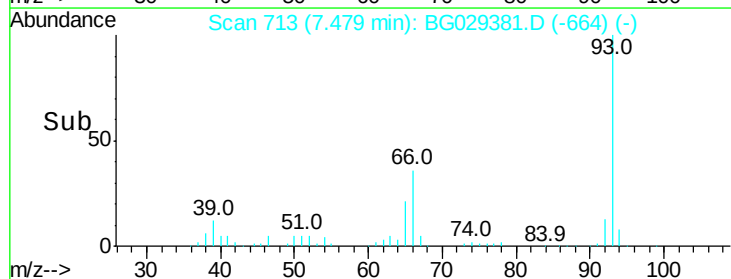
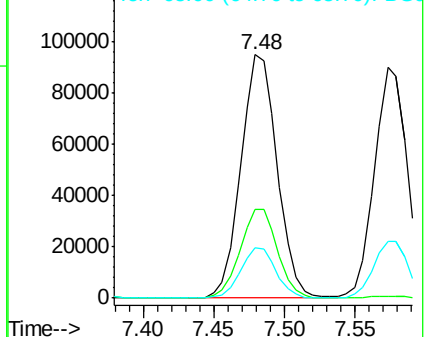
93 100

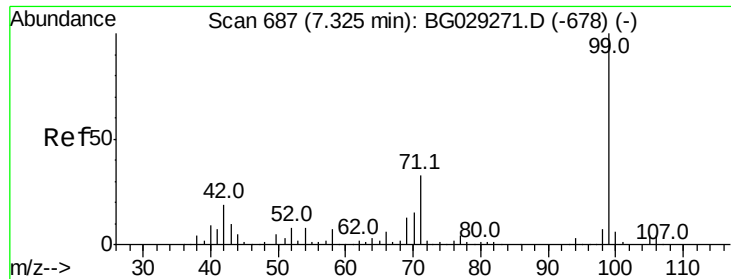
66 36.5 33.7 50.5

65 20.8 16.1 24.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 93.159 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

Instrument :

BNA_G

ClientSampleId :

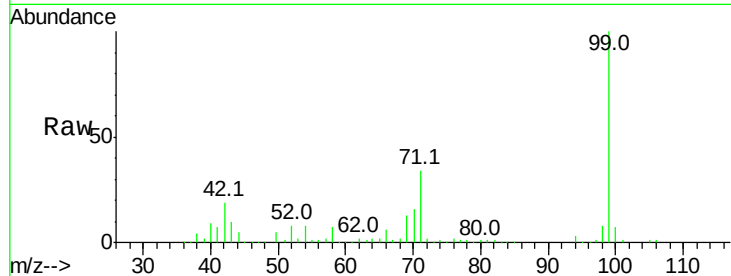
Tot Ion: 99 Resp: 416729

Ion Ratio Lower Upper

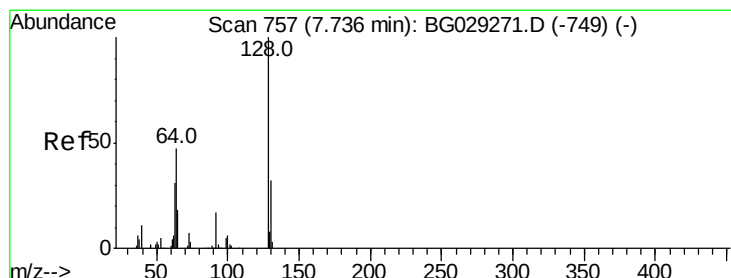
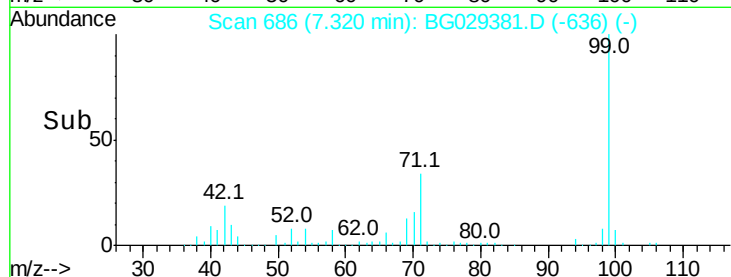
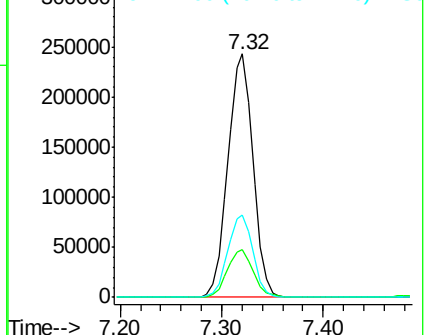
99 100

42 19.5 14.1 21.1

71 33.7 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: 44.052 ng

RT: 7.73 min Scan# 755

Delta R.T. -0.01 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

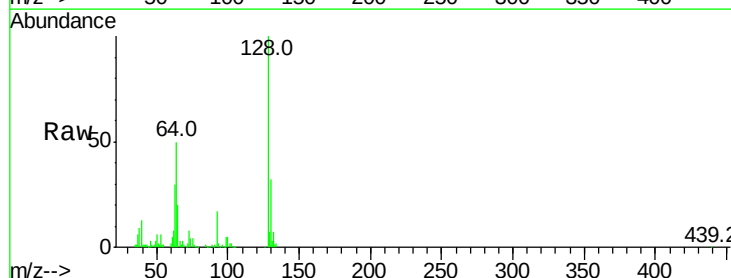
Tgt Ion:128 Resp: 160921

Ion Ratio Lower Upper

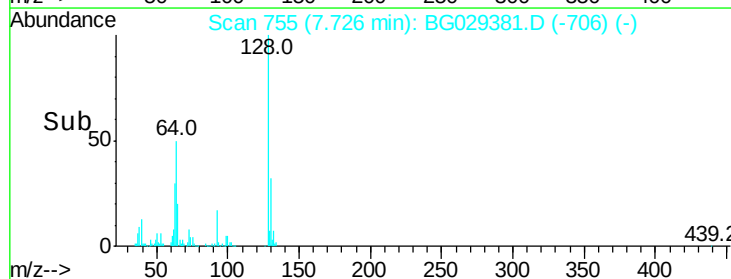
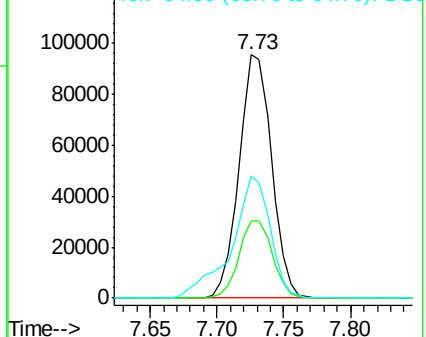
128 100

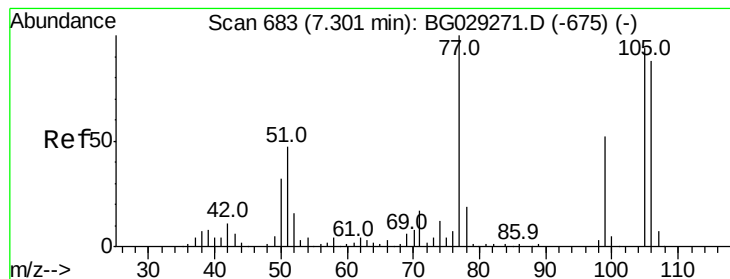
130 31.5 14.0 54.0

64 50.2 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: 24.410 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

Instrument :

BNA_G

ClientSampled :

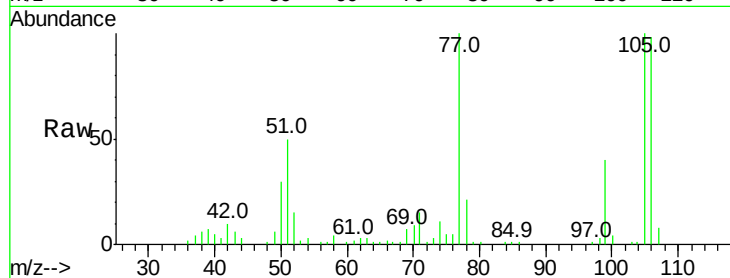
Tot Ion: 77 Resp: 54923

Ion Ratio Lower Upper

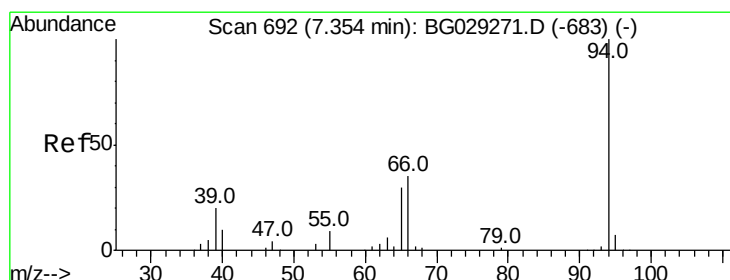
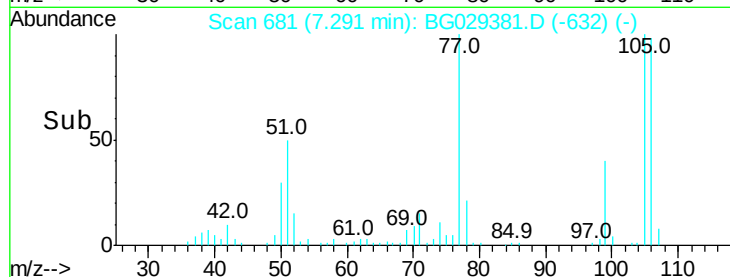
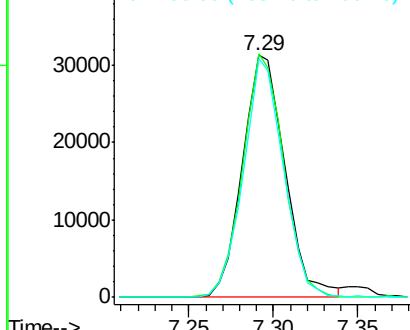
77 100

105 100.5 71.3 111.3

106 98.4 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: 45.166 ng

RT: 7.34 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

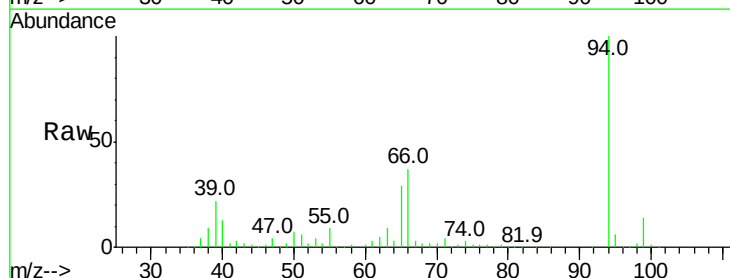
Tgt Ion: 94 Resp: 217820

Ion Ratio Lower Upper

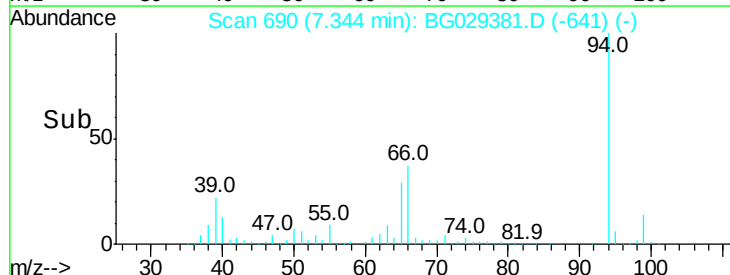
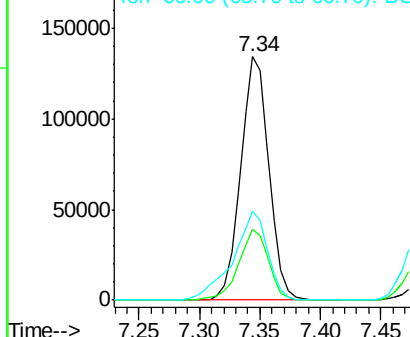
94 100

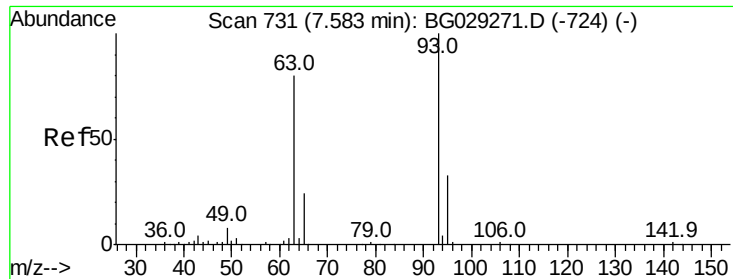
65 28.8 11.9 51.9

66 36.7 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

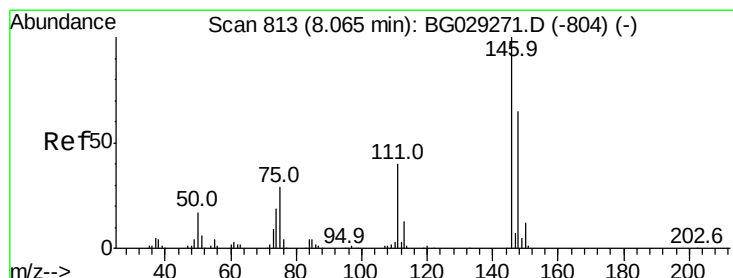
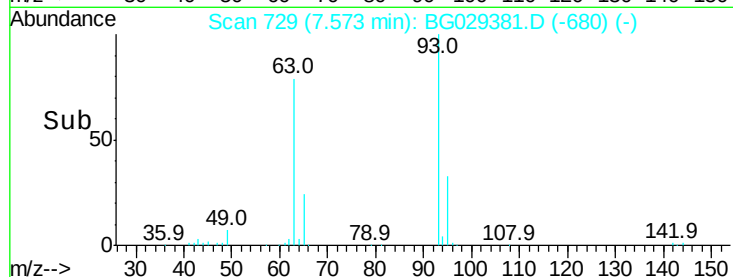
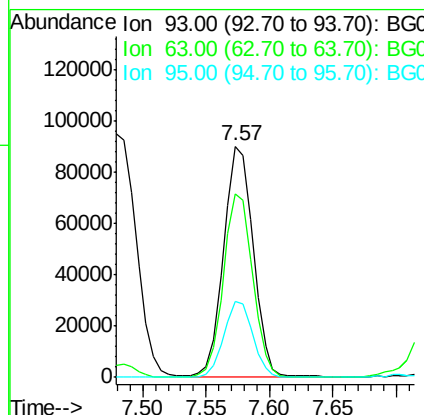
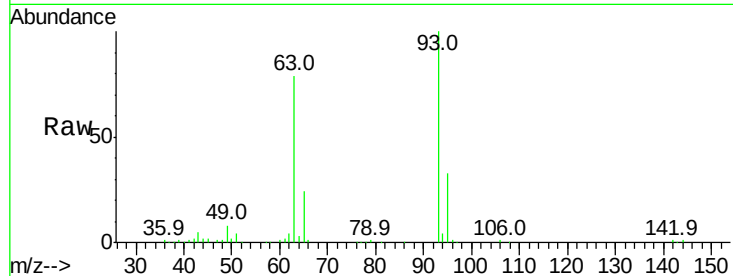




#11
 bis(2-Chloroethyl)ether
 Concen: 41.833 ng
 RT: 7.57 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

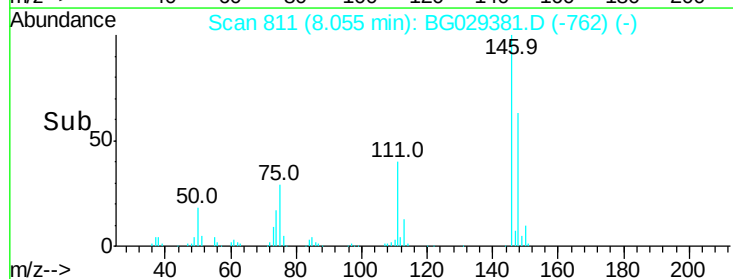
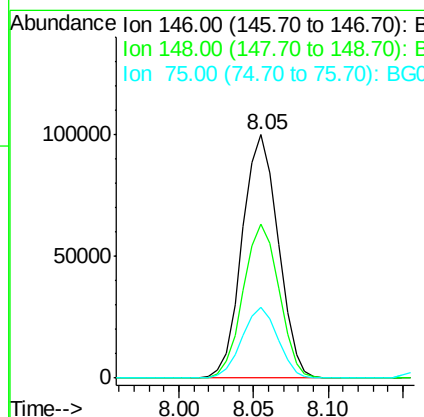
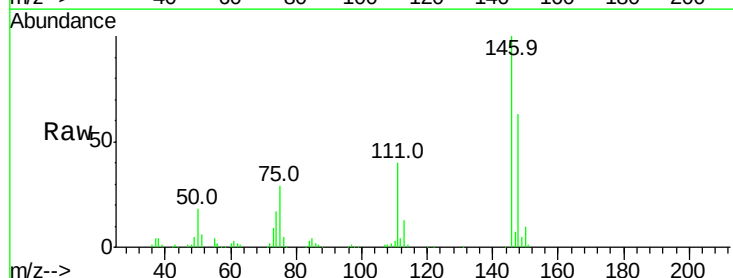
Instrument :
 BNA_G
 ClientSampleId :

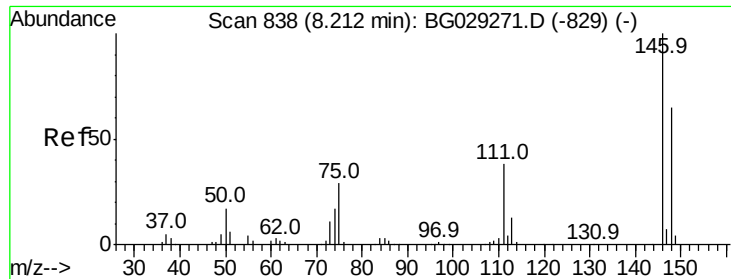
Tot Ion: 93 Resp: 146988
 Ion Ratio Lower Upper
 93 100
 63 79.4 67.1 107.1
 95 32.7 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 40.820 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Tgt Ion: 146 Resp: 167410
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.4 77.2
 75 29.0 26.6 39.8

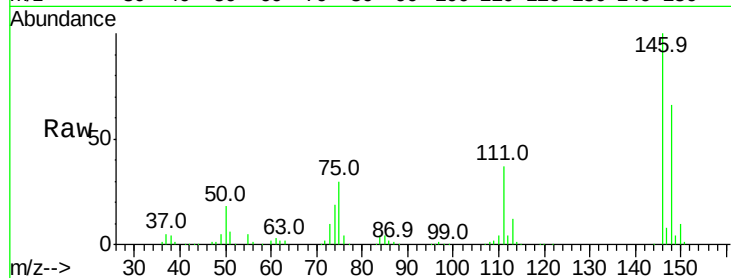




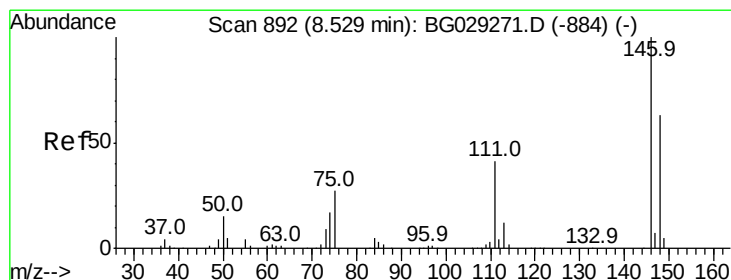
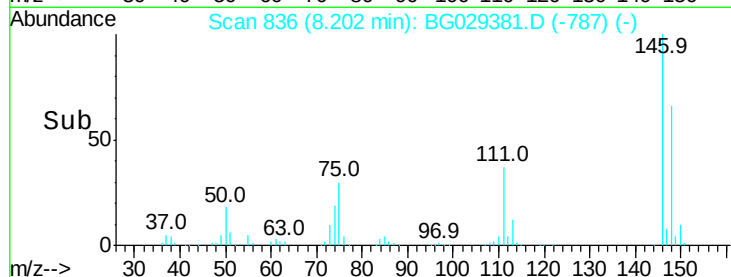
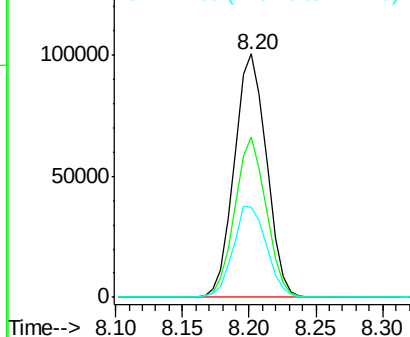
#13
 1,4-Dichlorobenzene
 Concen: 40.096 ng
 RT: 8.20 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 167888
 Ion Ratio Lower Upper
 146 100
 148 65.8 53.7 80.5
 111 36.9 35.2 52.8

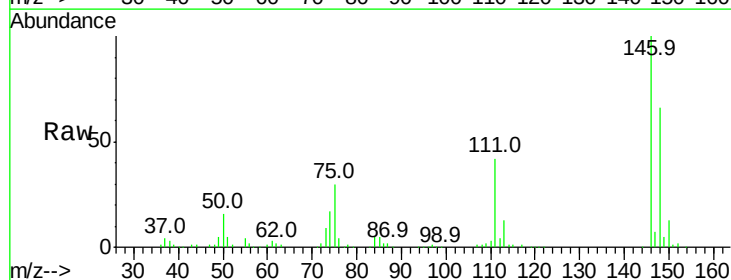


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

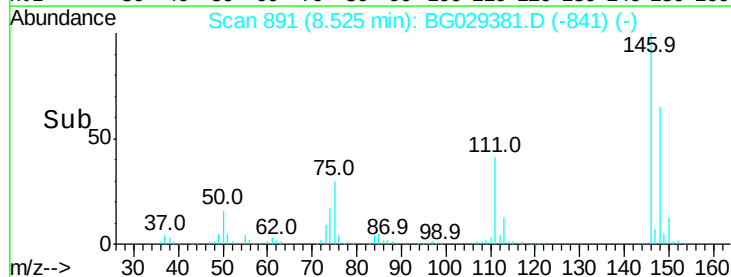
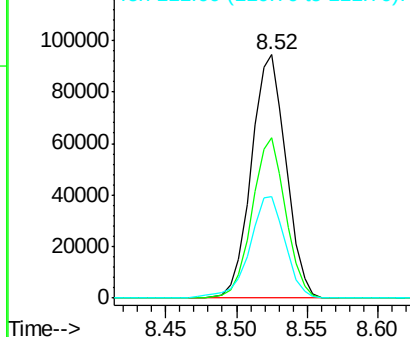


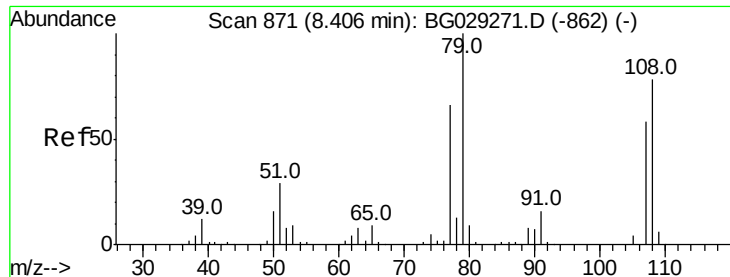
#14
 1,2-Dichlorobenzene
 Concen: 40.166 ng
 RT: 8.52 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Tgt Ion:146 Resp: 162217
 Ion Ratio Lower Upper
 146 100
 148 65.7 49.3 73.9
 111 41.6 34.3 51.5



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

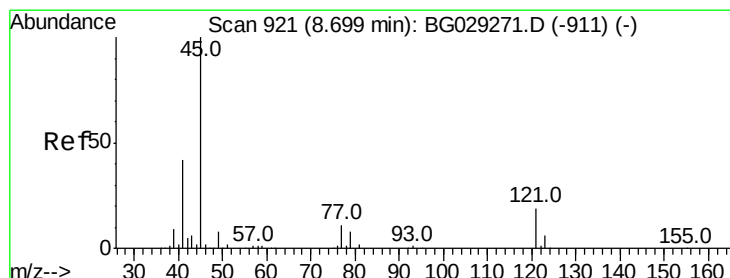
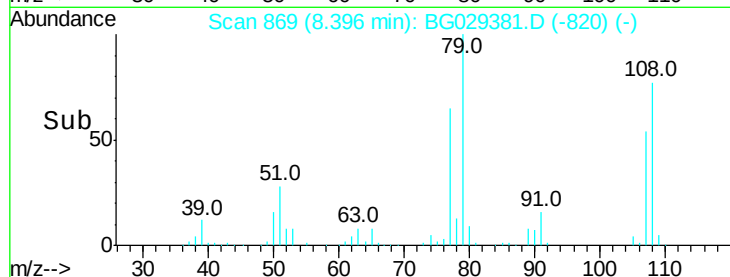
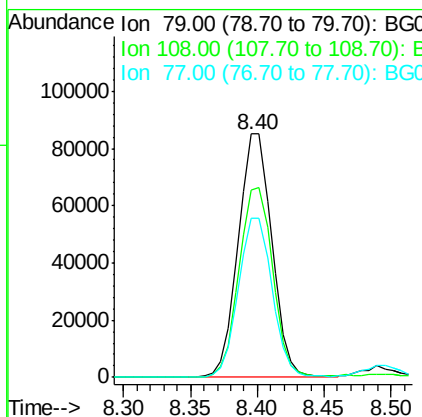
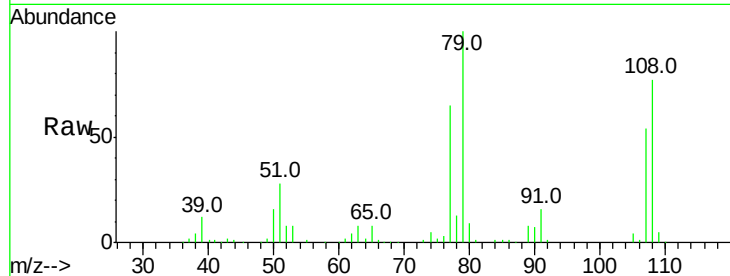




#15
Benzyl Alcohol
Concen: 47.425 ng
RT: 8.40 min Scan# 869
Delta R.T. -0.01 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

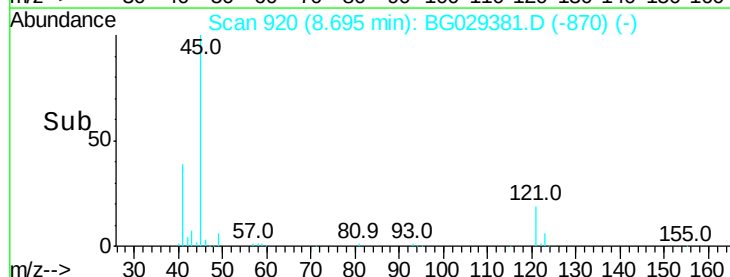
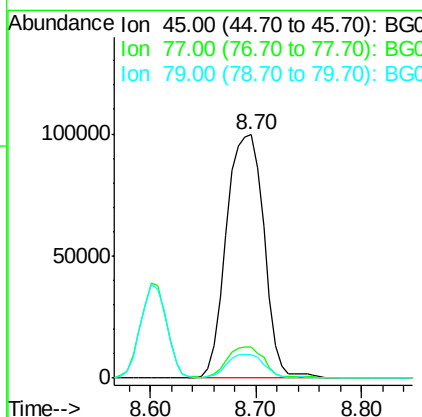
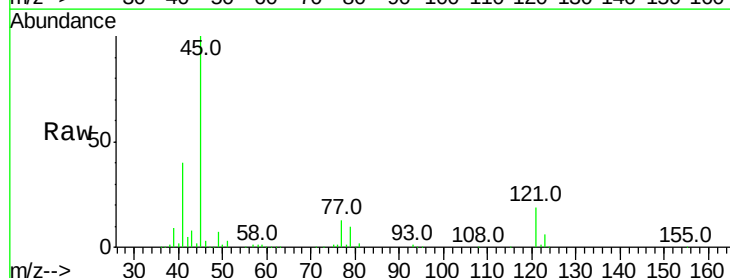
Instrument :
BNA_G
ClientSampleId :

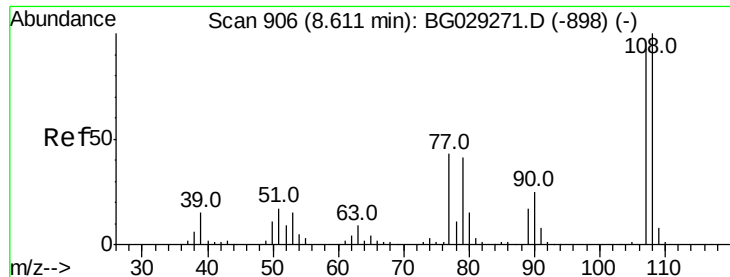
Tot Ion	Ratio	Lower	Upper
79	100		
108	76.8	57.2	85.8
77	65.4	46.1	69.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.122 ng
RT: 8.70 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.7	0.0	30.2
79	9.5	0.0	27.9

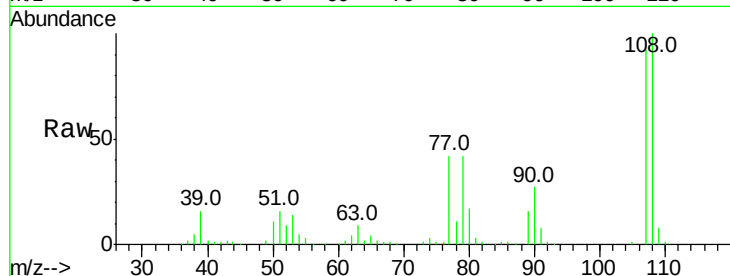




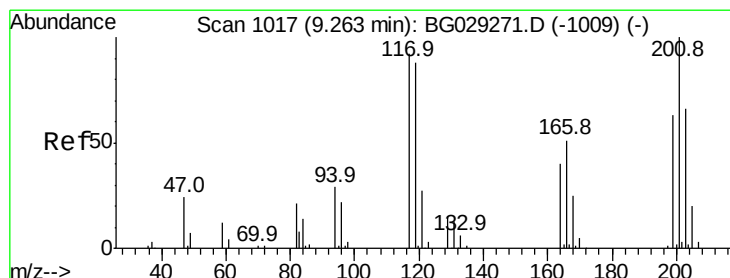
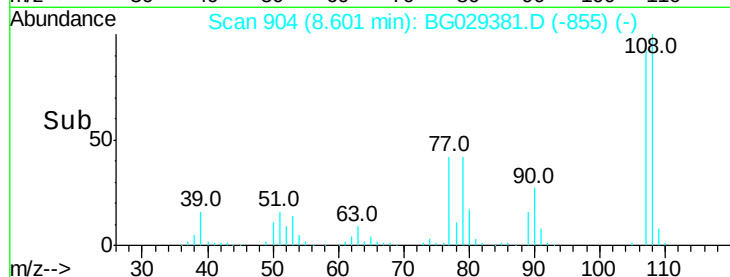
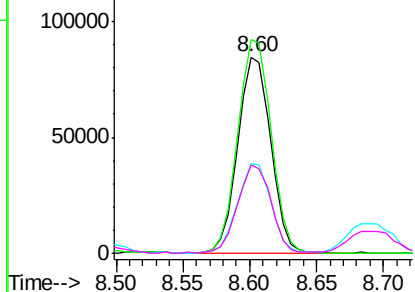
#17
2-Methylphenol
Concen: 45.158 ng
RT: 8.60 min Scan# 904
Delta R.T. -0.01 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 144672
Ion Ratio Lower Upper
107 100
108 108.9 83.9 125.9
77 45.9 37.2 55.8
79 45.2 36.2 54.2

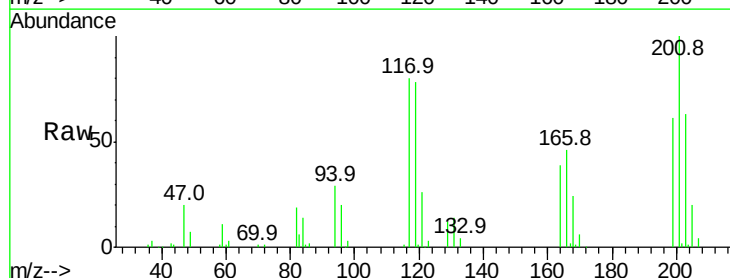


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

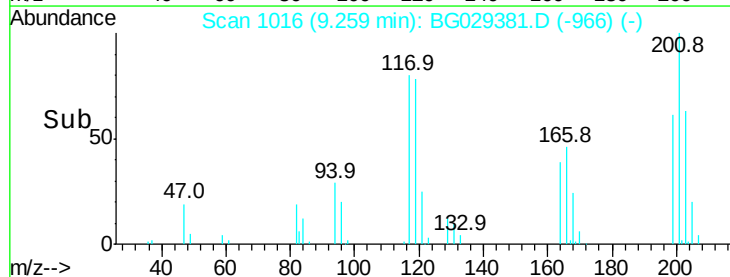
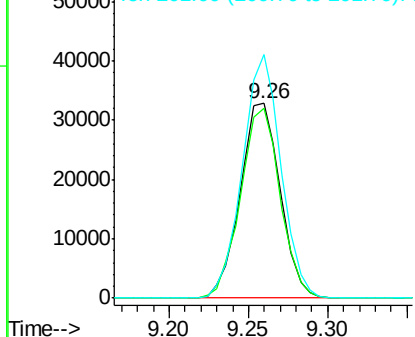


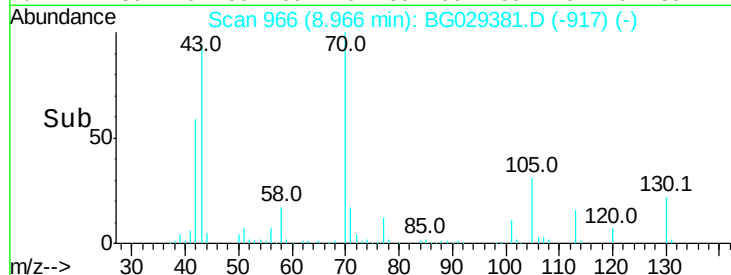
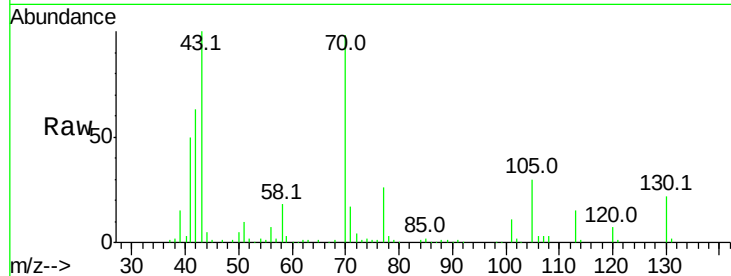
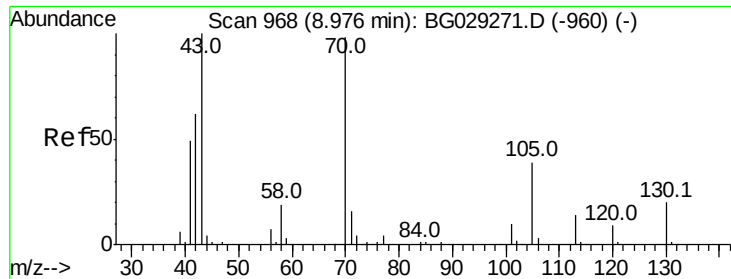
#18
Hexachloroethane
Concen: 40.385 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Tgt Ion:117 Resp: 57627
Ion Ratio Lower Upper
117 100
119 97.6 76.7 115.1
201 128.1 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

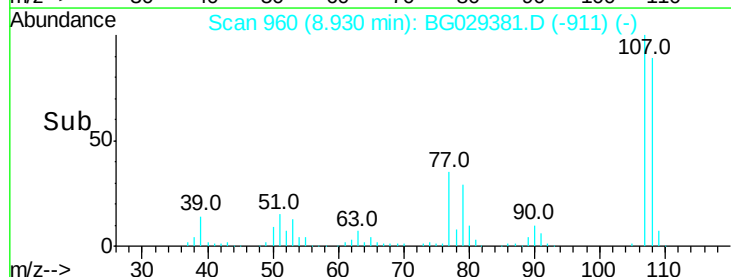
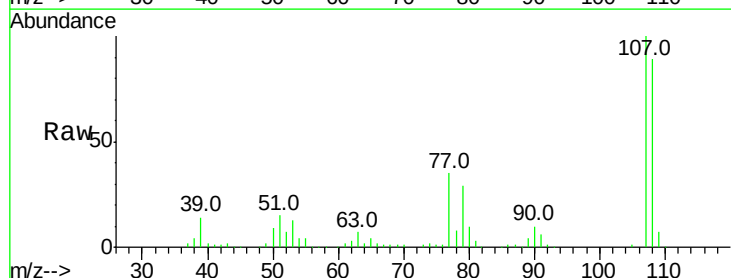
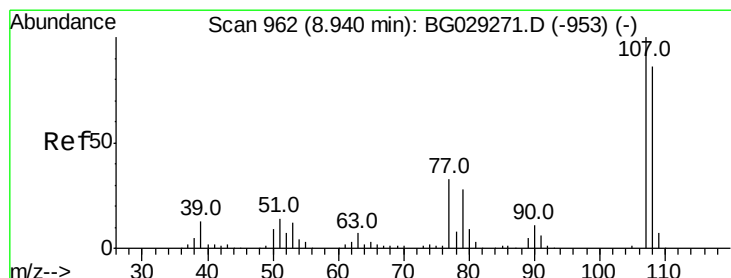
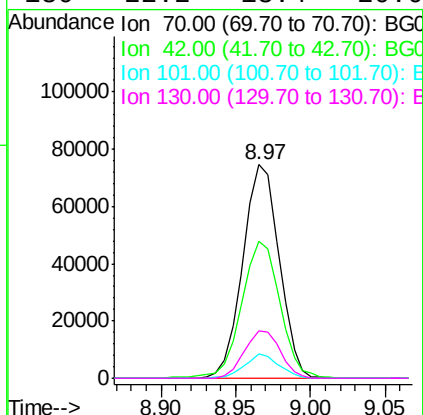




#19
n-Nitroso-di-n-propylamine
Concen: 41.392 ng
RT: 8.97 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

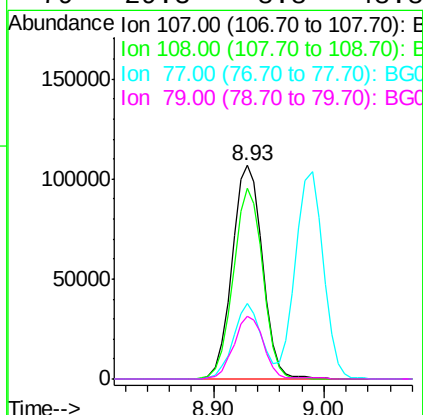
Instrument :
BNA_G
ClientSampled :

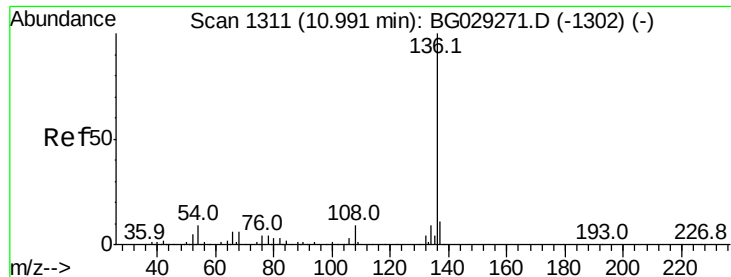
Tot Ion: 70 Resp: 125900
Ion Ratio Lower Upper
70 100
42 64.4 49.1 73.7
101 11.2 8.5 12.7
130 22.2 13.4 20.0#



#20
3+4-Methylphenols
Concen: 45.570 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Tgt Ion:107 Resp: 205706
Ion Ratio Lower Upper
107 100
108 89.3 61.6 101.6
77 35.3 13.9 53.9
79 29.3 8.8 48.8

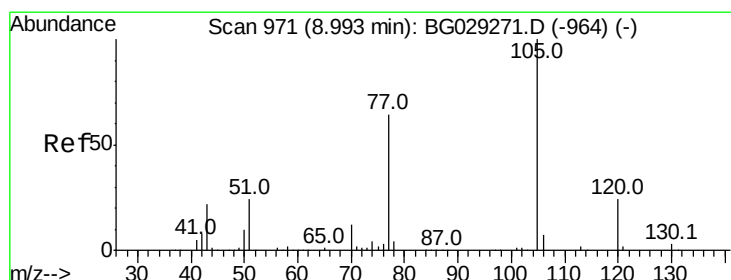
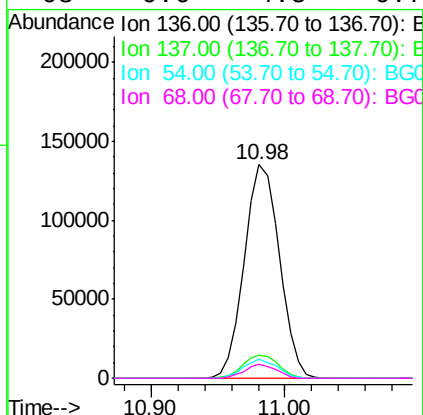
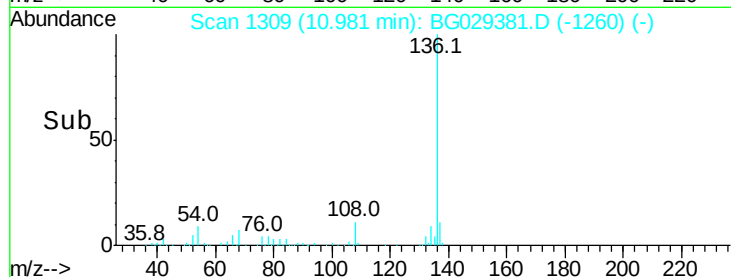
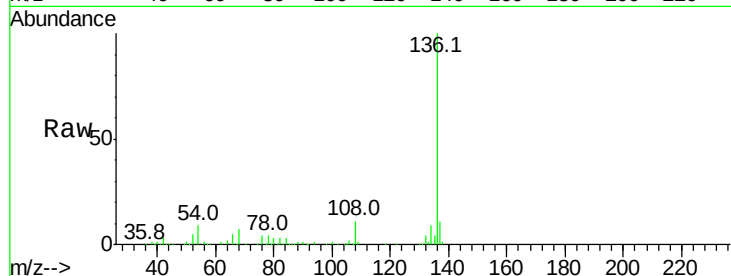




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

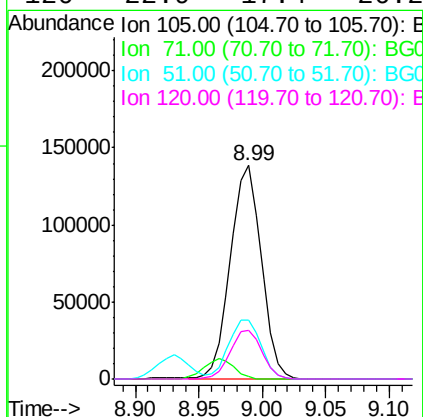
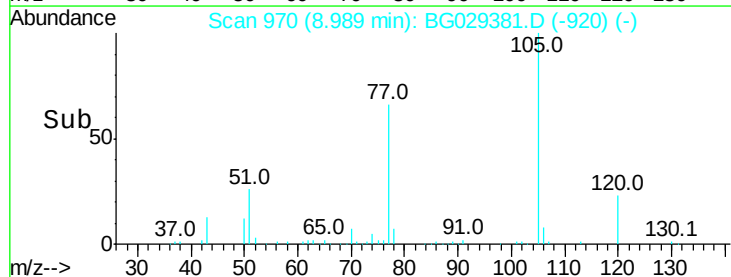
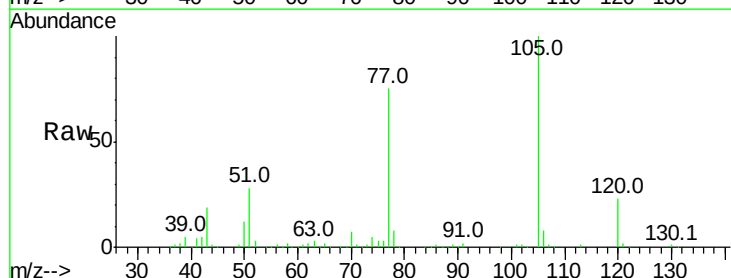
Instrument :
BNA_G
ClientSampleId :

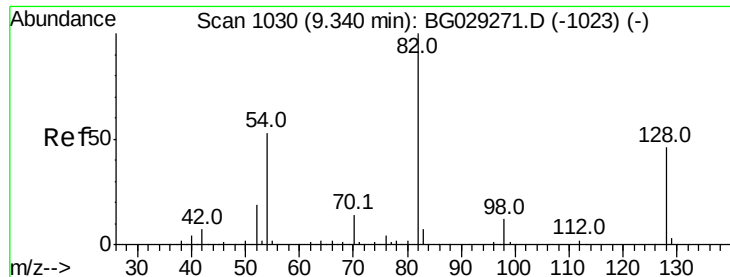
Tot Ion:136	Resp: 246069
Ion Ratio	Lower Upper
136 100	
137 10.8	9.2 13.8
54 8.9	10.3 15.5#
68 6.6	4.5 6.7



#22
Acetophenone
Concen: 39.575 ng
RT: 8.99 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Tgt	Ion:105	Resp:	234684
Ion	Ratio	Lower	Upper
105	100		
71	1.0	3.0	4.4#
51	27.8	26.1	39.1
120	22.9	17.4	26.2

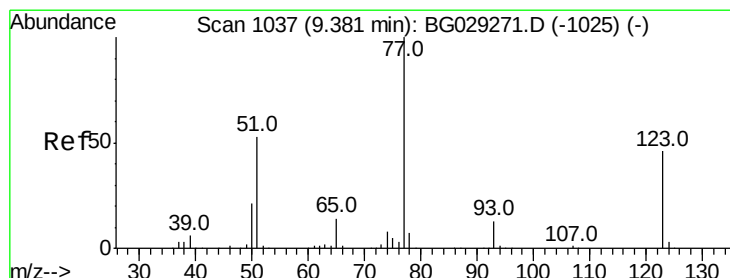
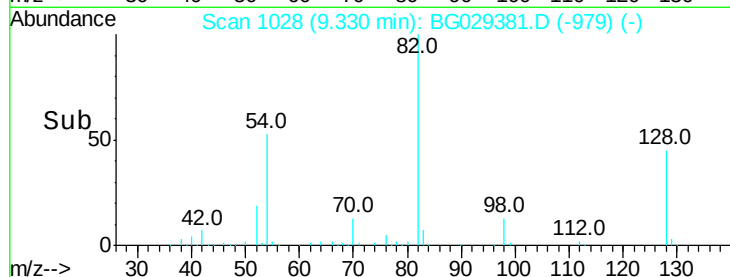
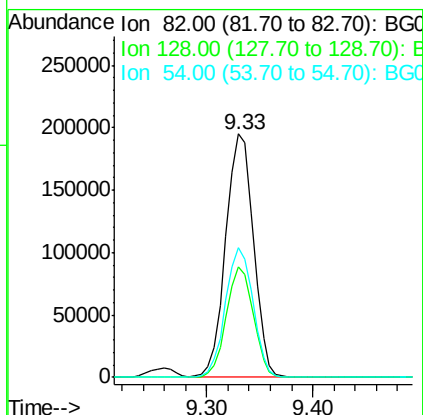
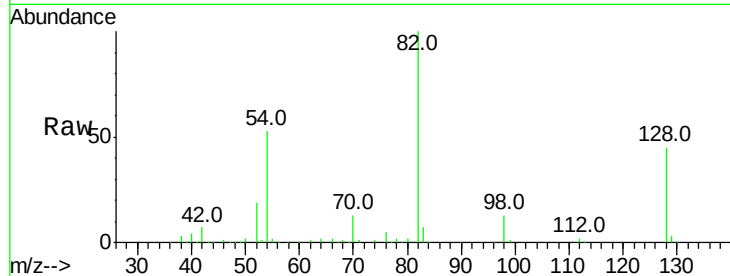




#23
Nitrobenzene-d5
Concen: 91.521 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

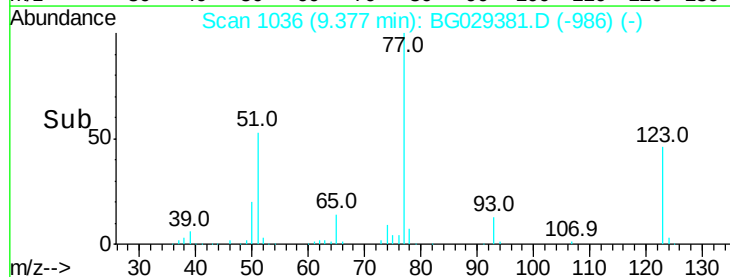
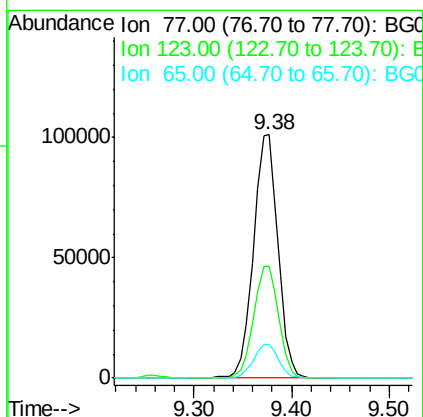
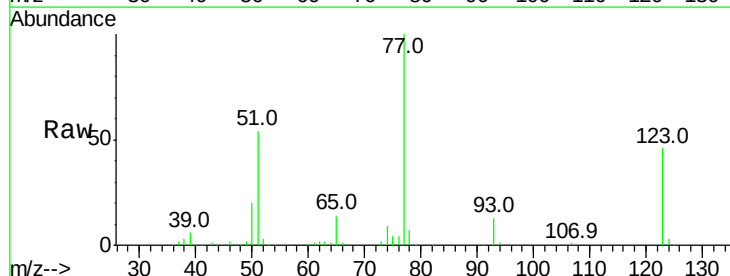
Instrument :
BNA_G
ClientSampleId :

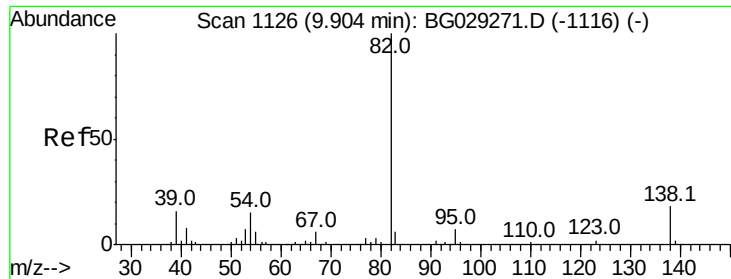
Tot Ion: 82 Resp: 354390
Ion Ratio Lower Upper
82 100
128 45.2 29.7 44.5#
54 53.4 43.1 64.7



#24
Nitrobenzene
Concen: 41.290 ng
RT: 9.38 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Tgt Ion: 77 Resp: 179768
Ion Ratio Lower Upper
77 100
123 46.2 33.0 49.6
65 13.9 13.0 19.6





#25

Isophorone

Concen: 43.630 ng

RT: 9.89 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

Instrument :

BNA_G

ClientSampled :

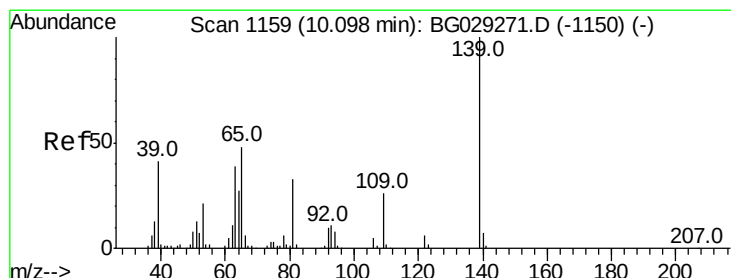
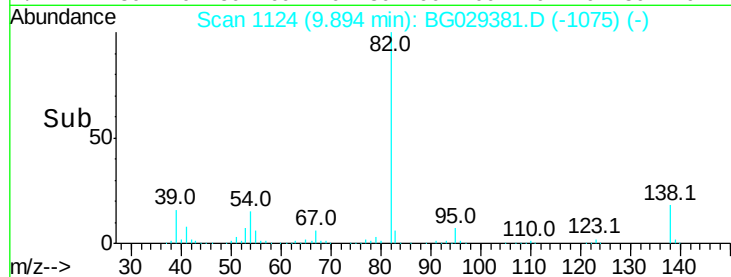
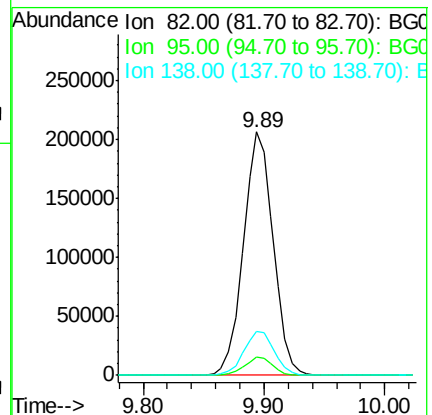
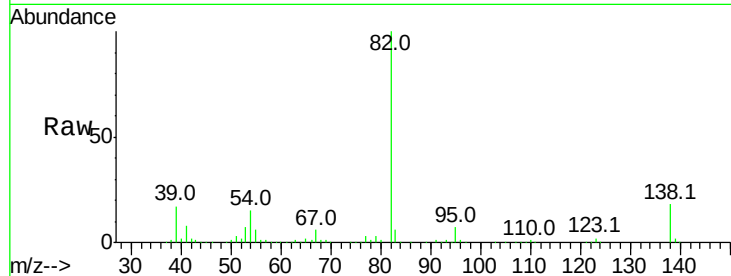
Tot Ion: 82 Resp: 352694

Ion Ratio Lower Upper

82 100

95 7.3 6.2 9.2

138 18.1 12.1 18.1



#26

2-Nitrophenol

Concen: 45.124 ng

RT: 10.09 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

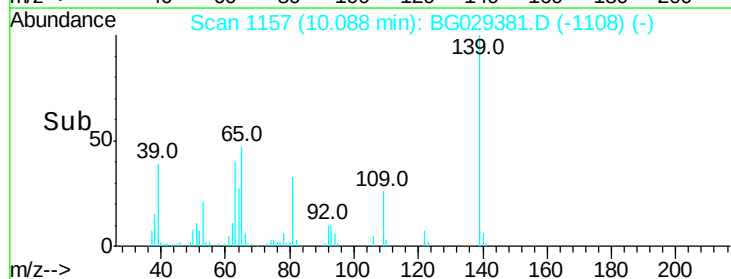
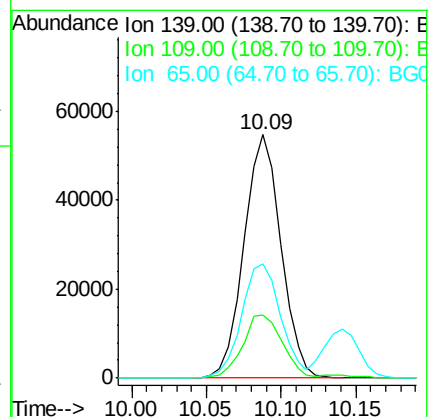
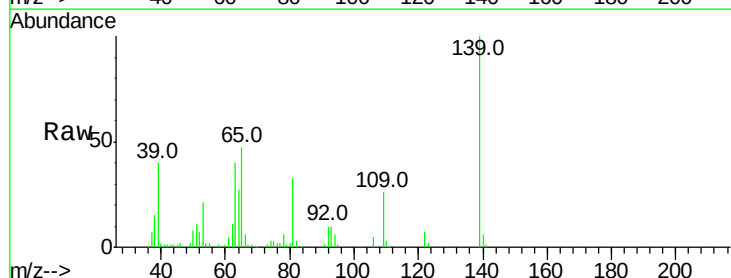
Tgt Ion:139 Resp: 93897

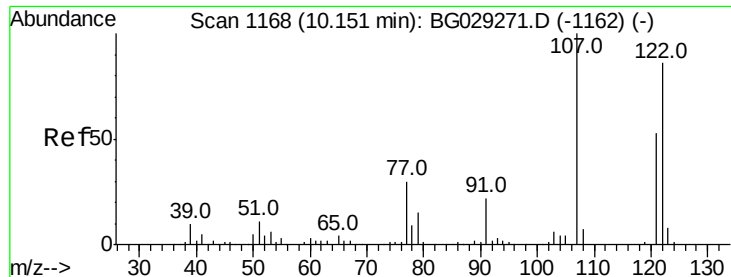
Ion Ratio Lower Upper

139 100

109 26.0 24.2 36.2

65 47.1 47.4 71.0#

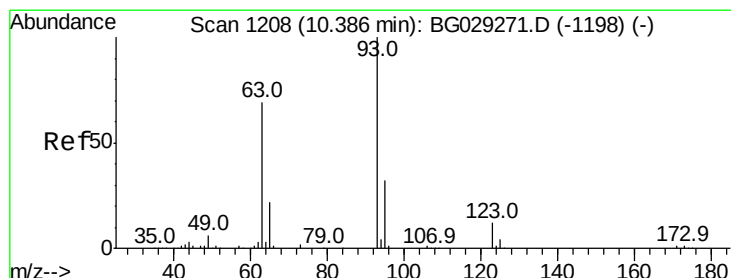
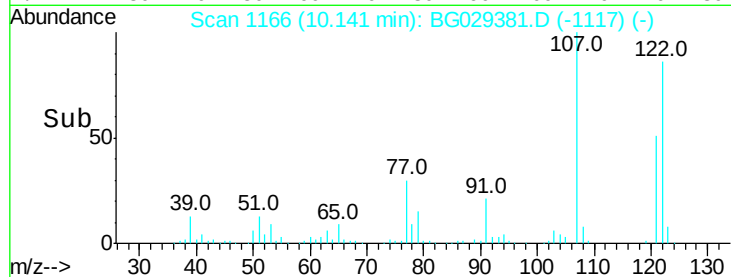
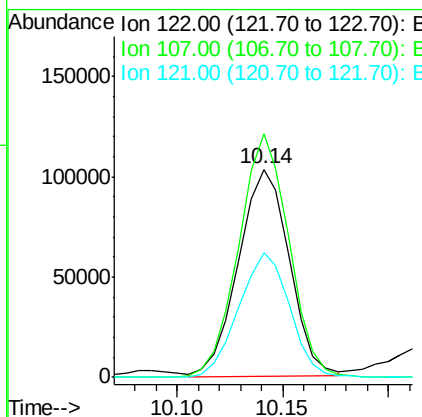
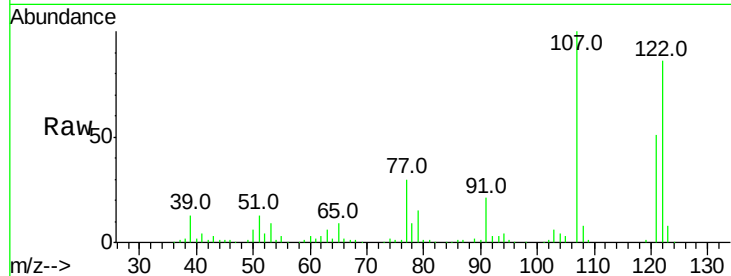




#27
 2,4-Dimethylphenol
 Concen: 46.007 ng
 RT: 10.14 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

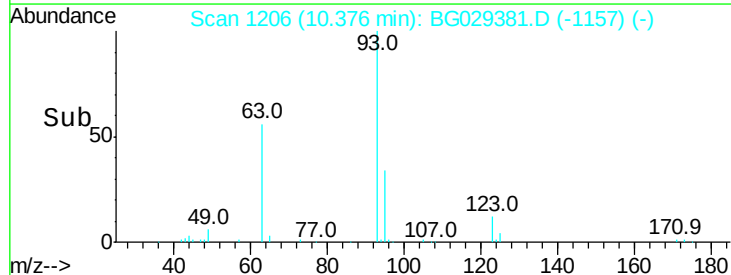
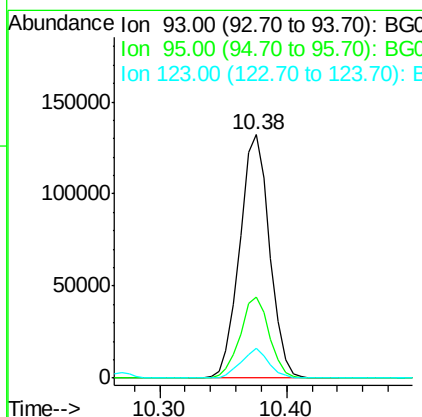
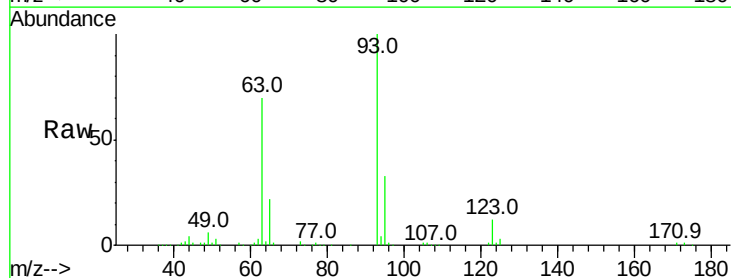
Instrument :
 BNA_G
 ClientSampleId :

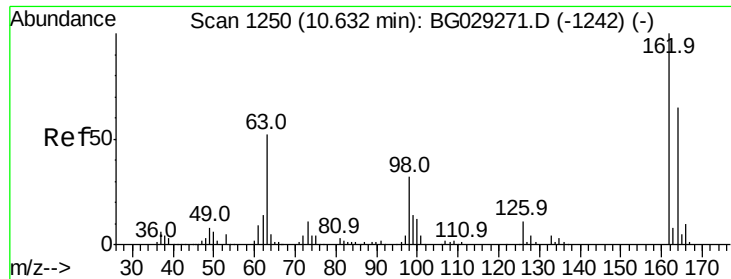
Tot Ion:122 Resp: 173211
 Ion Ratio Lower Upper
 122 100
 107 116.9 100.2 150.2
 121 60.0 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.374 ng
 RT: 10.38 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Tgt Ion: 93 Resp: 214999
 Ion Ratio Lower Upper
 93 100
 95 33.1 24.3 36.5
 123 12.1 8.4 12.6

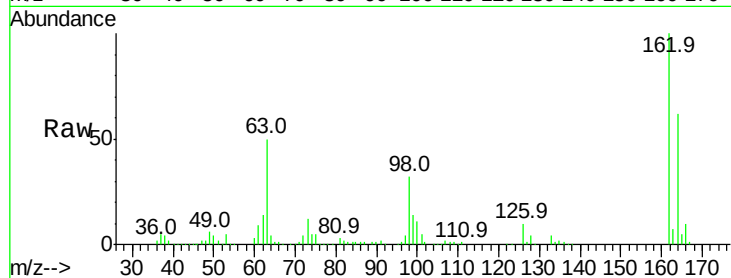




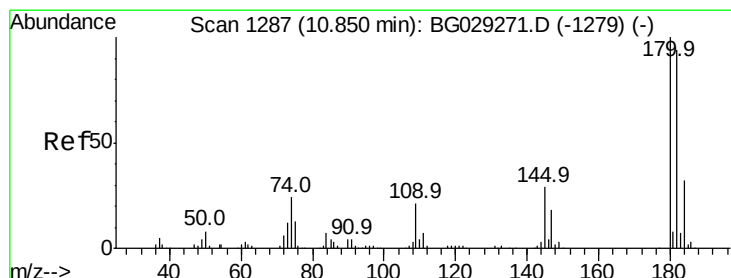
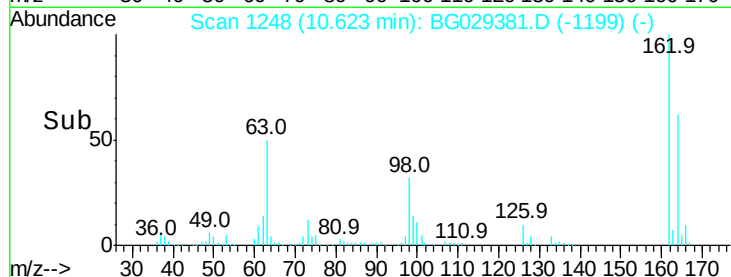
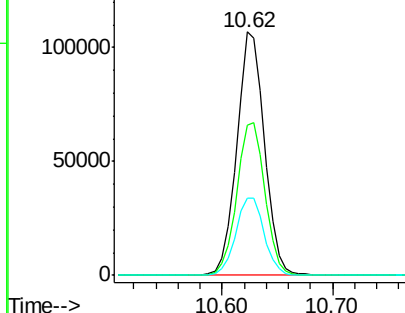
#29
 2,4-Dichlorophenol
 Concen: 46.915 ng
 RT: 10.62 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.8	48.0	88.0
98	31.8	21.1	61.1

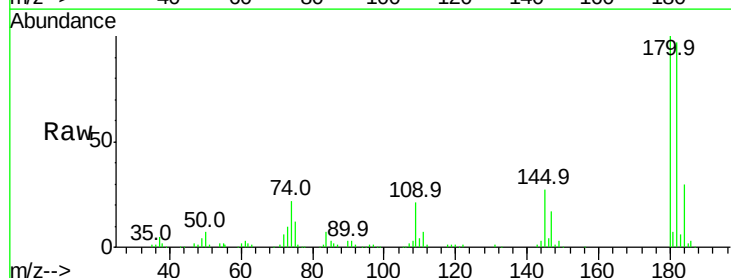


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

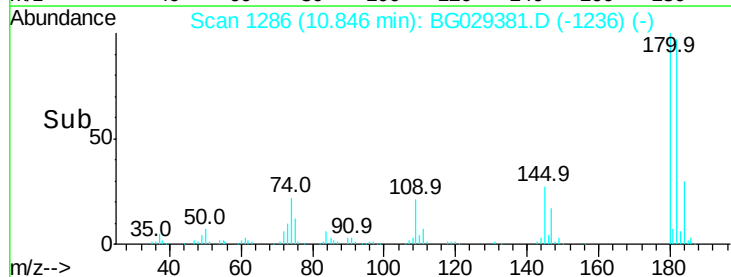
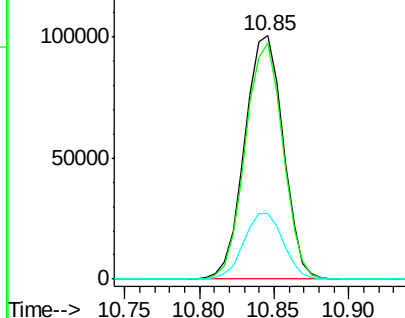


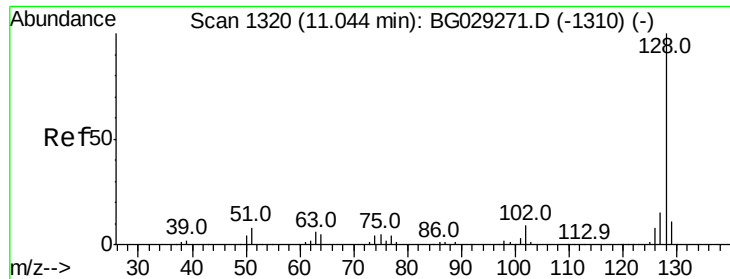
#30
 1,2,4-Trichlorobenzene
 Concen: 41.344 ng
 RT: 10.85 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	77.5	116.3
145	26.9	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

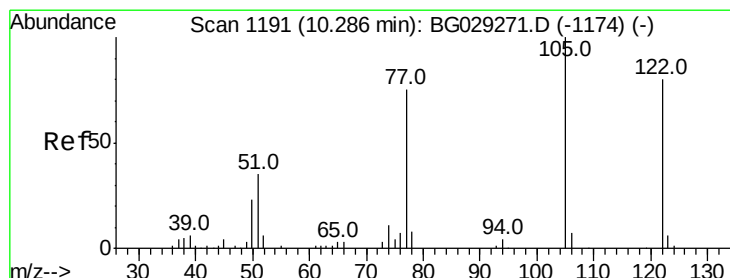
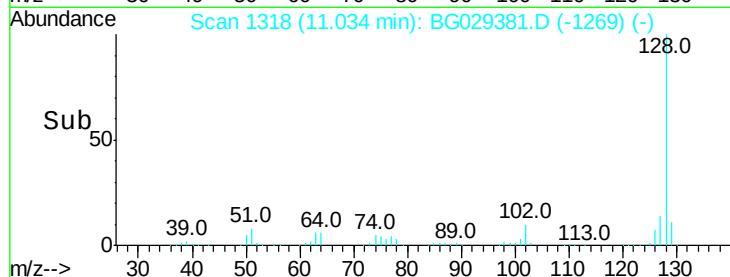
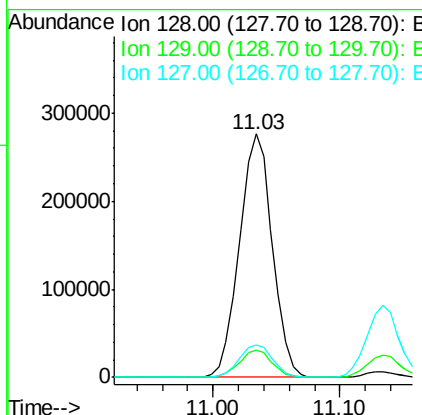
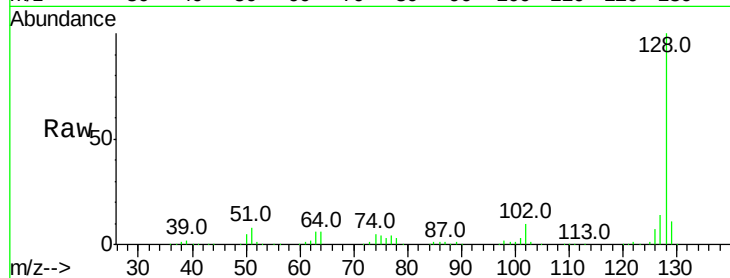




#31
Naphthalene
Concen: 40.426 ng
RT: 11.03 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

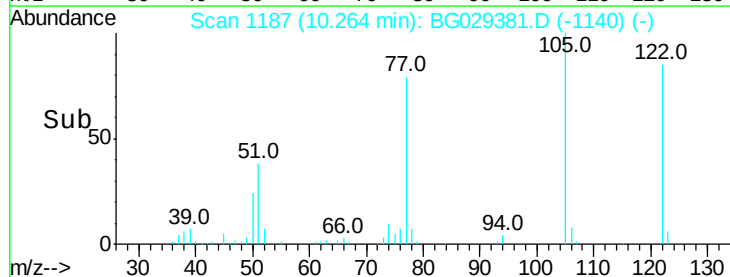
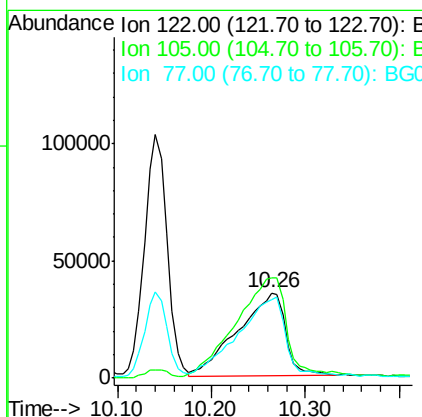
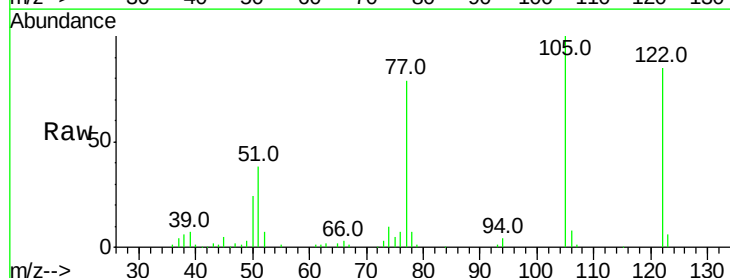
Instrument :
BNA_G
ClientSampleId :

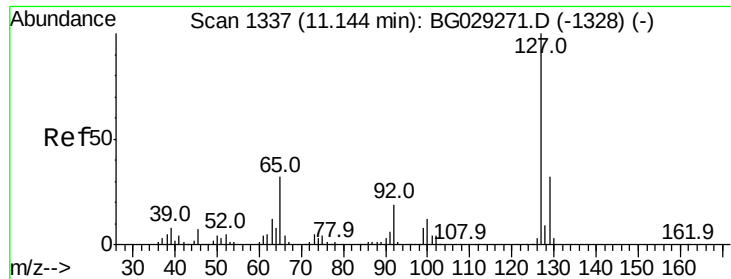
Tot Ion:128 Resp: 495767
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.6 11.6 17.4



#32
Benzoic acid
Concen: 39.310 ng
RT: 10.26 min Scan# 1187
Delta R.T. -0.02 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Tgt Ion:122 Resp: 123918
Ion Ratio Lower Upper
122 100
105 117.7 123.5 163.5#
77 92.6 85.7 125.7

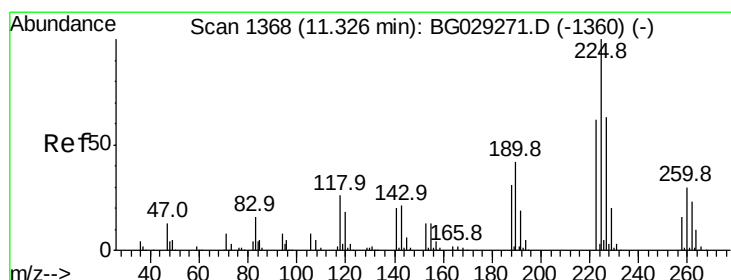
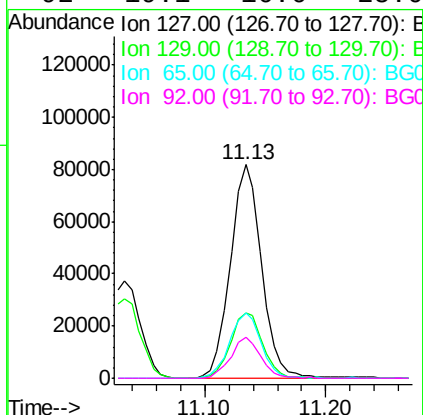
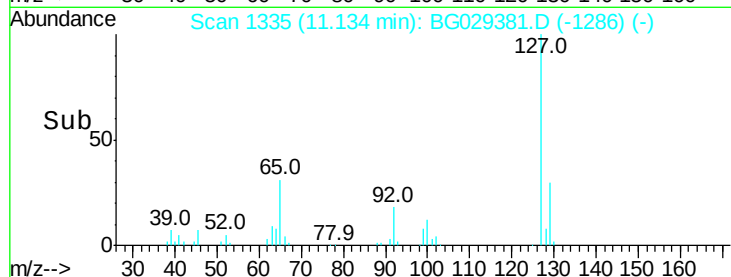
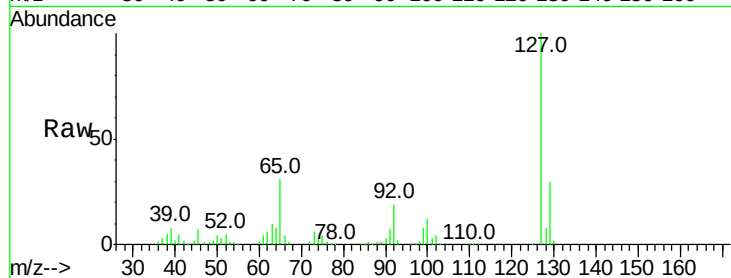




#33
4-Chloroaniline
Concen: 28.304 ng
RT: 11.13 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

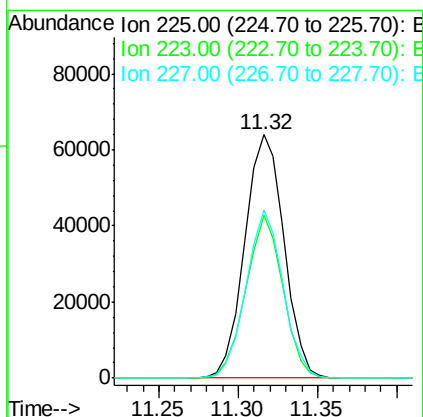
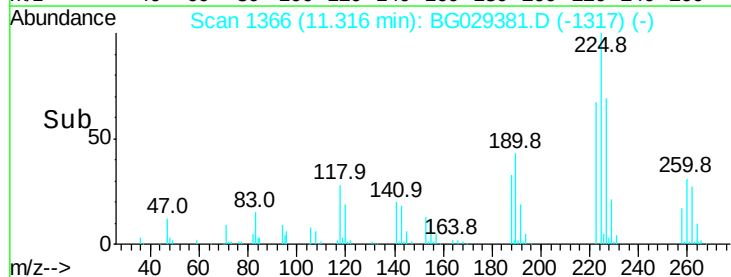
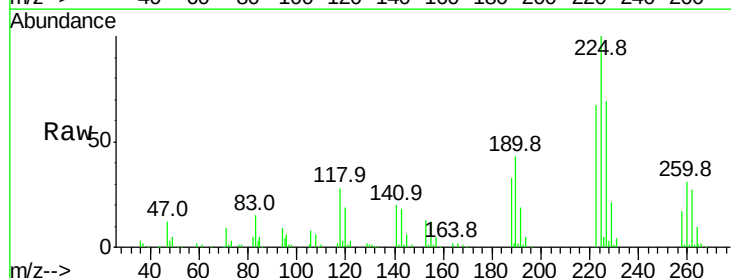
Instrument :
BNA_G
ClientSampleId :

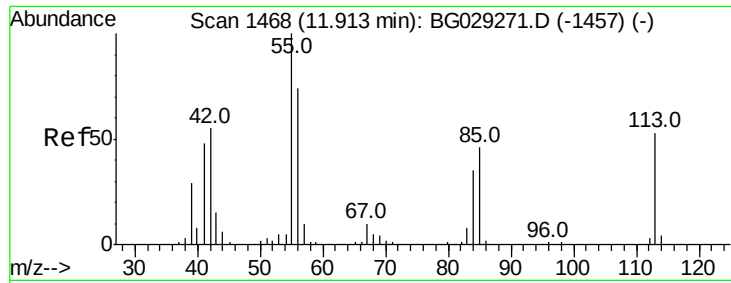
Tot Ion:	127	Resp:	146010
Ion	Ratio	Lower	Upper
127	100		
129	30.5	24.0	36.0
65	30.9	27.0	40.4
92	19.1	16.6	25.0



#34
Hexachlorobutadiene
Concen: 40.777 ng
RT: 11.32 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Tgt Ion:	225	Resp:	109966
Ion	Ratio	Lower	Upper
225	100		
223	67.1	49.7	74.5
227	68.9	48.1	72.1





#35

Caprolactam

Concen: 40.525 ng

RT: 11.90 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

Instrument :

BNA_G

ClientSampleId :

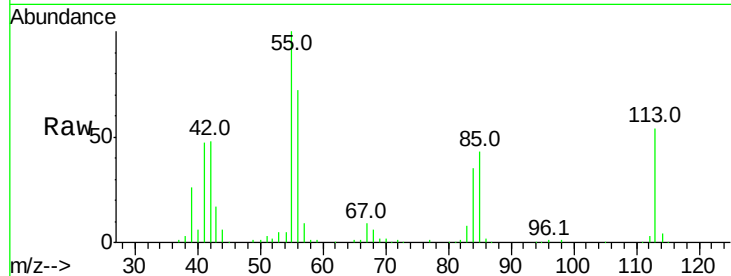
Tot Ion:113 Resp: 54071

Ion Ratio Lower Upper

113 100

55 186.5 186.9 226.9#

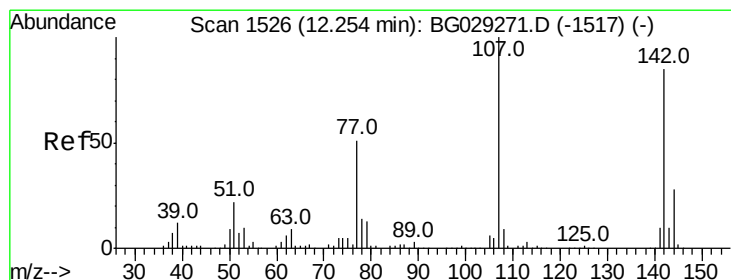
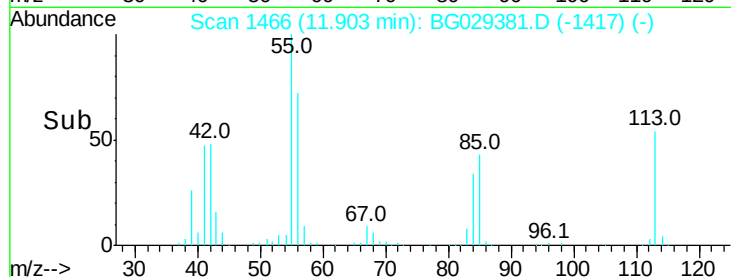
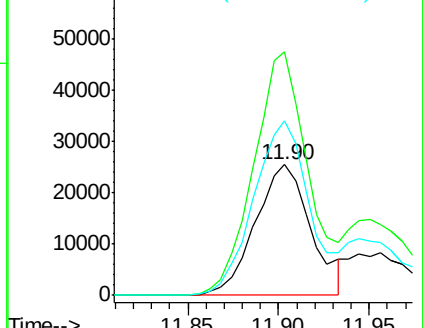
56 133.4 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 46.059 ng

RT: 12.24 min Scan# 1524

Delta R.T. -0.01 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

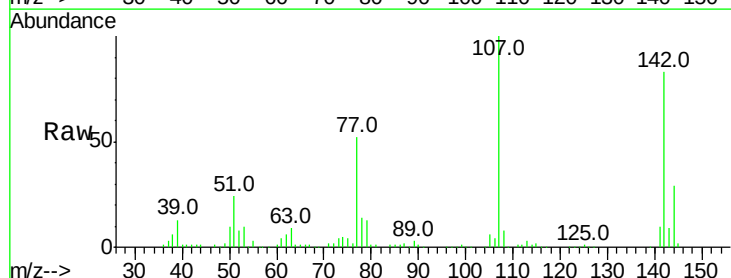
Tgt Ion:107 Resp: 203379

Ion Ratio Lower Upper

107 100

144 28.7 18.2 27.4#

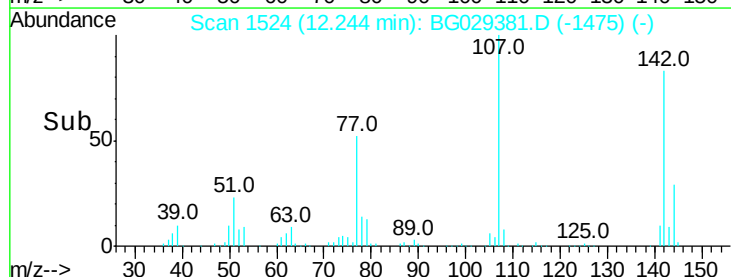
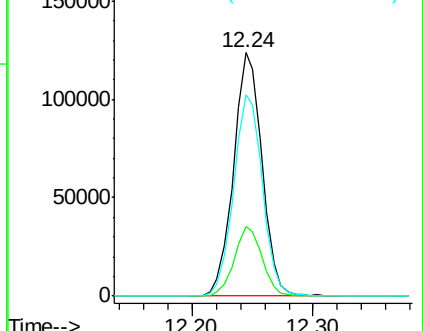
142 82.6 59.0 88.4

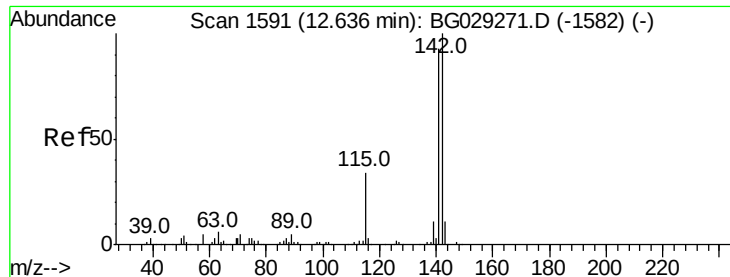


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

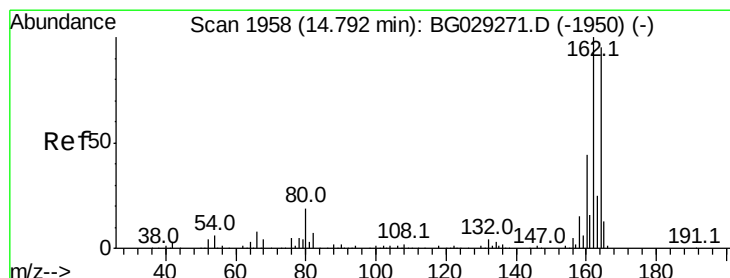
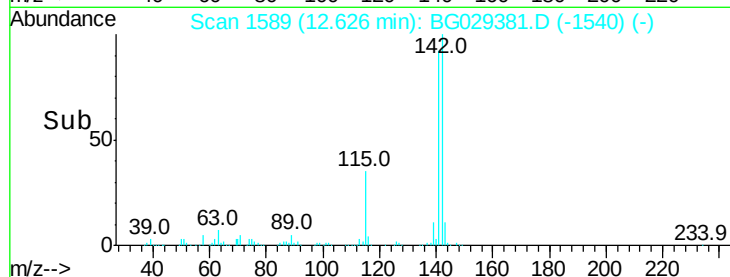
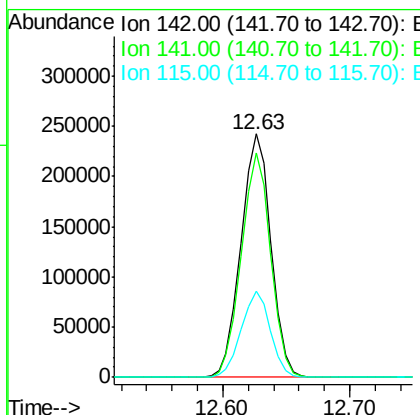
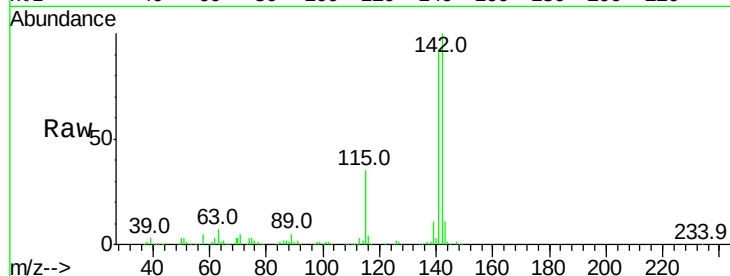




#37
2-Methylnaphthalene
Concen: 44.352 ng
RT: 12.63 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

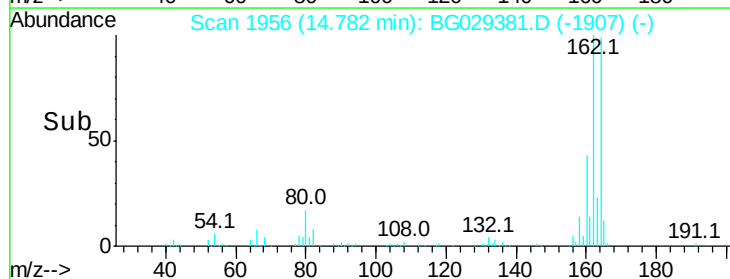
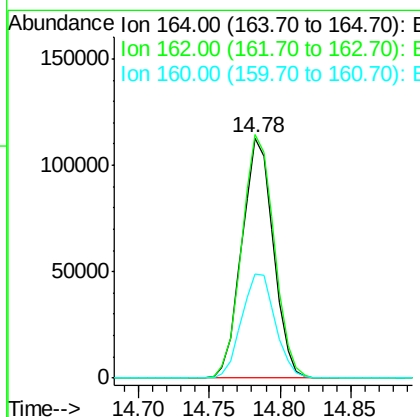
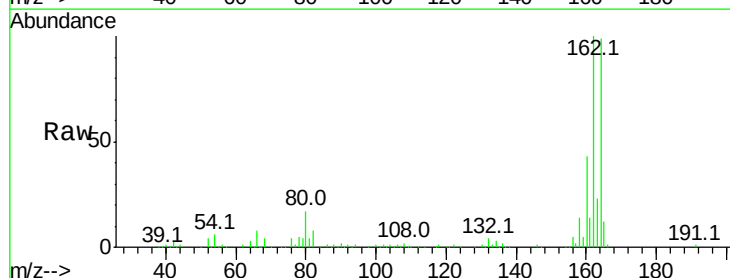
Instrument :
BNA_G
ClientSampleId :

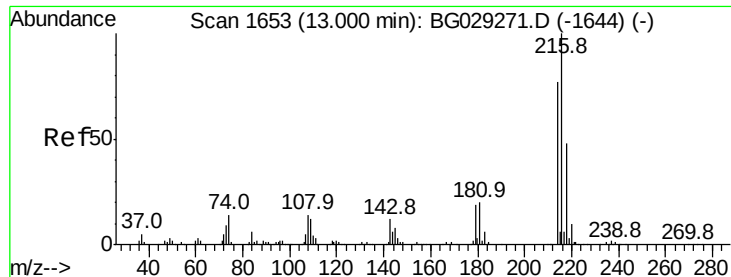
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.3	67.1	100.7
115	35.3	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	78.8	118.2
160	43.3	35.4	53.0

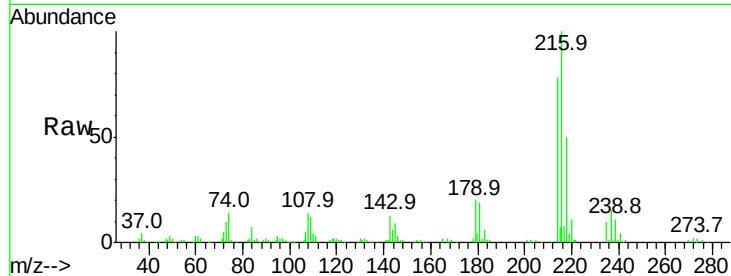




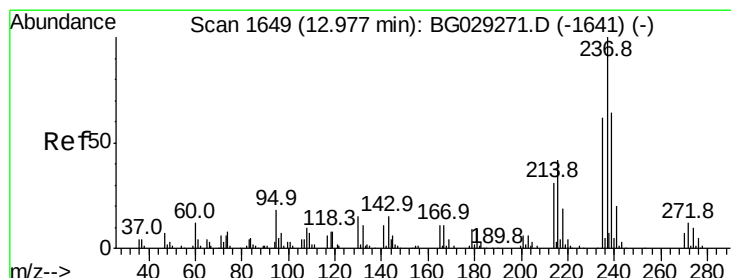
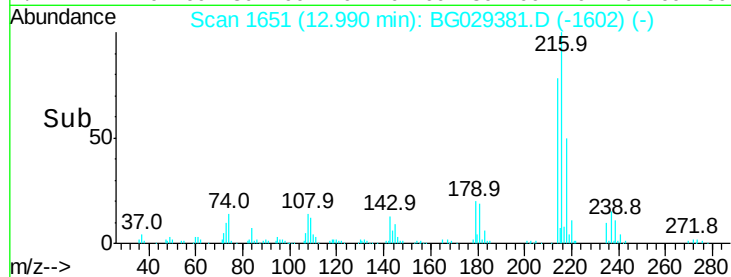
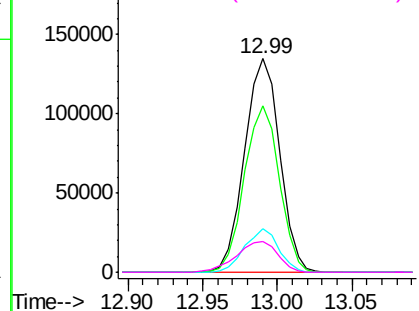
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.126 ng
 RT: 12.99 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	216	Resp:	219457
Ion	Ratio	Lower	Upper
216	100		
214	77.4	63.0	94.4
179	19.7	17.0	25.6
108	17.2	12.8	19.2

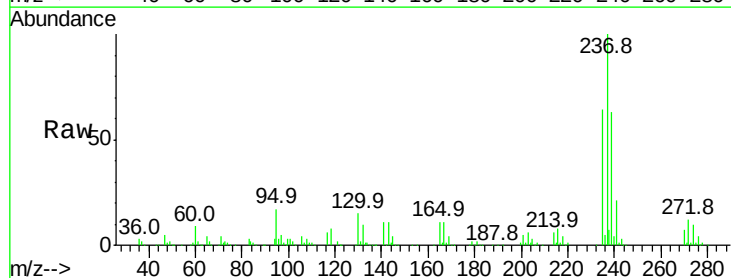


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

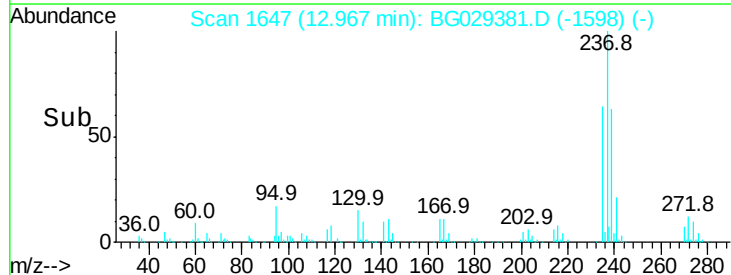
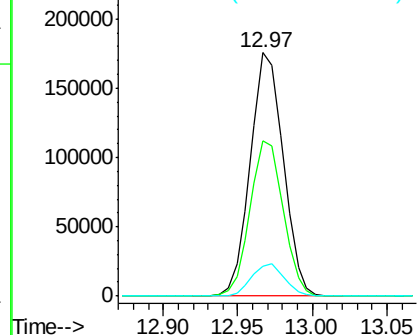


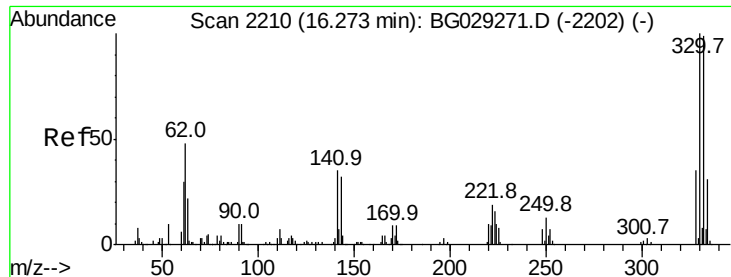
#40
 Hexachlorocyclopentadiene
 Concen: 108.286 ng
 RT: 12.97 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Tgt Ion:	237	Resp:	268058
Ion	Ratio	Lower	Upper
237	100		
235	63.6	50.4	90.4
272	12.1	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

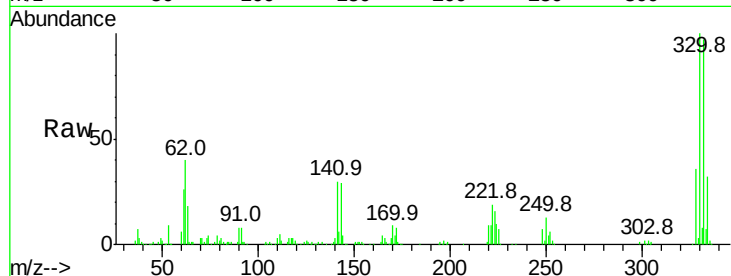




#41
 2,4,6-Tribromophenol
 Concen: 105.456 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	330	Ratio	Lower	Upper
330	100			
332	96.1	77.0	115.6	
141	32.8	25.2	37.8	

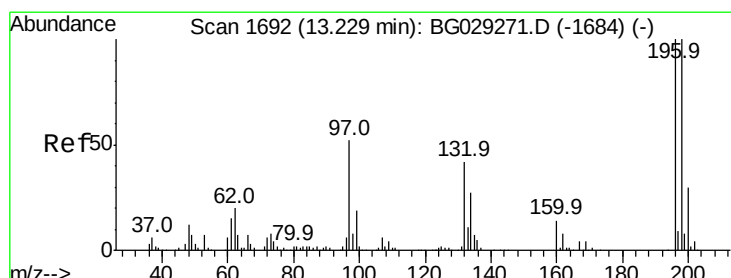
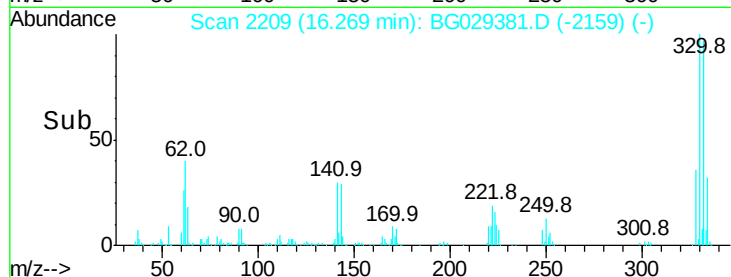
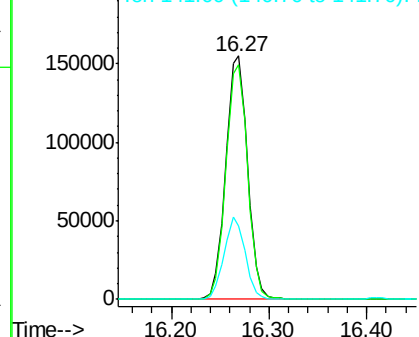


Abundance

Ion 329.80 (329.50 to 330.50): E

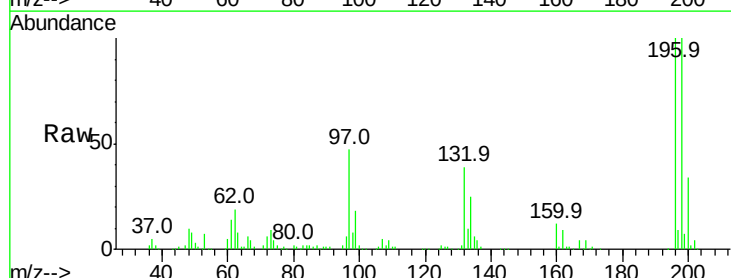
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 41.906 ng
 RT: 13.23 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Tgt Ion	196	Ratio	Lower	Upper
196	100			
198	99.8	78.2	117.2	
200	33.9	24.6	36.8	

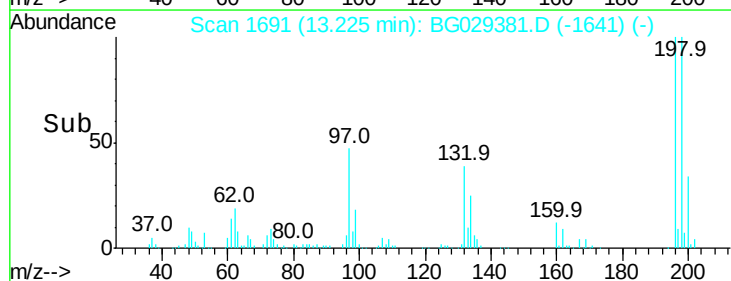
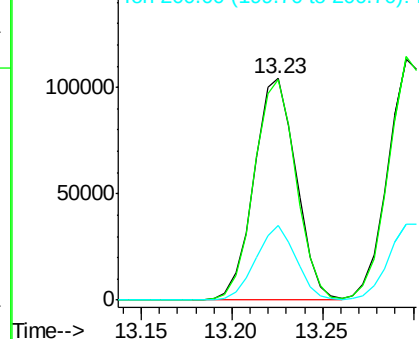


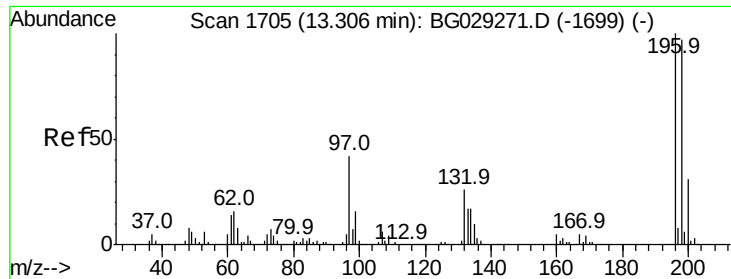
Abundance

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

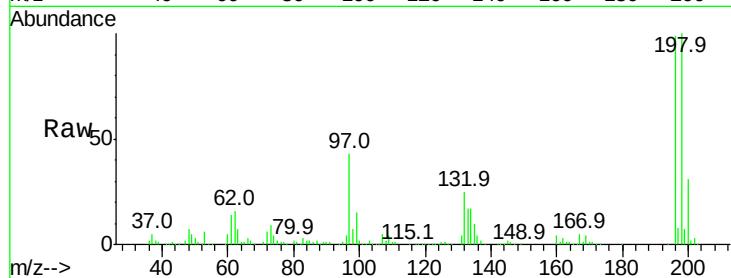




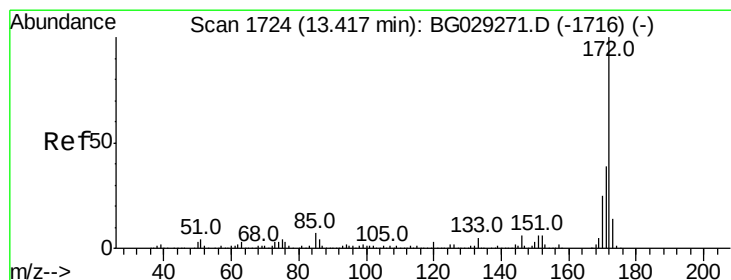
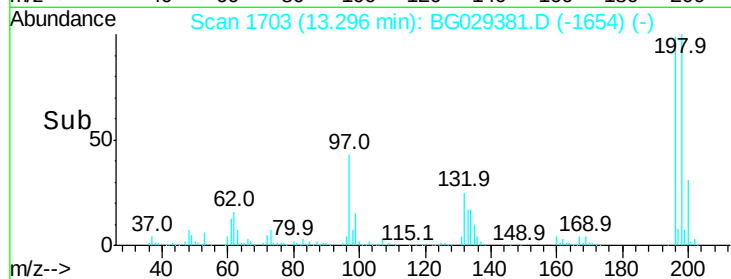
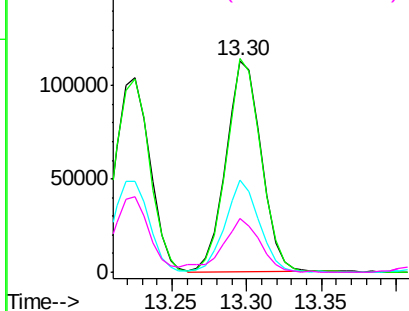
#43
 2,4,5-Trichlorophenol
 Concen: 45.121 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	196	Resp:	187067
Ion	Ratio	Lower	Upper
196	100		
198	100.8	76.2	114.4
97	43.7	38.7	58.1
132	25.3	20.2	30.2

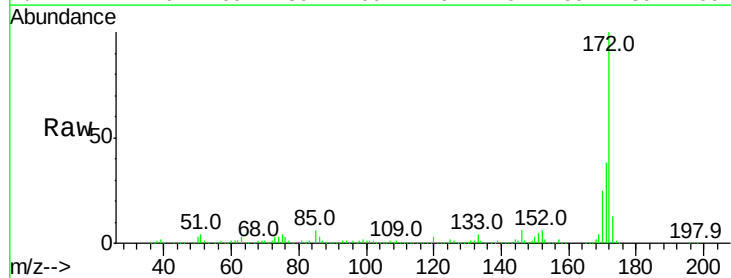


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

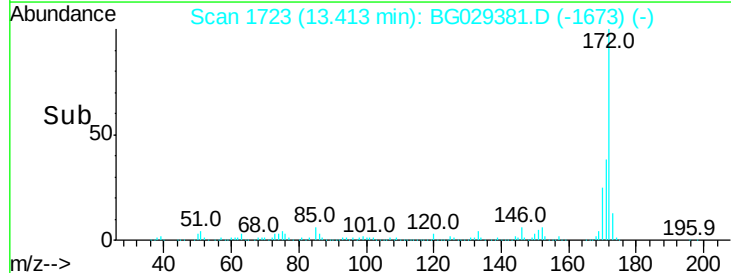
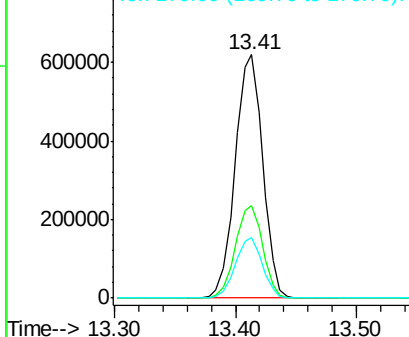


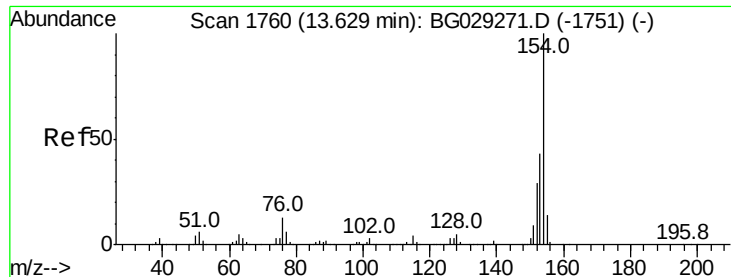
#44
 2-Fluorobiphenyl
 Concen: 81.787 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Tgt Ion:	172	Resp:	982205
Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	24.8	19.5	29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 36.092 ng

RT: 13.62 min Scan# 1758

Delta R.T. -0.01 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

Instrument :

BNA_G

ClientSampleId :

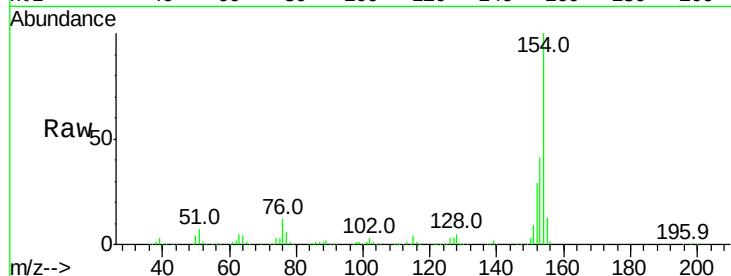
Tot Ion:154 Resp: 546417

Ion Ratio Lower Upper

154 100

153 41.4 19.8 59.8

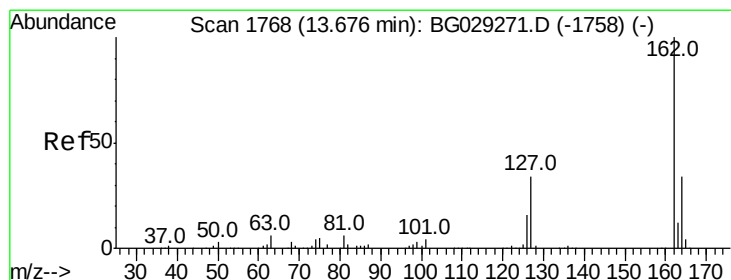
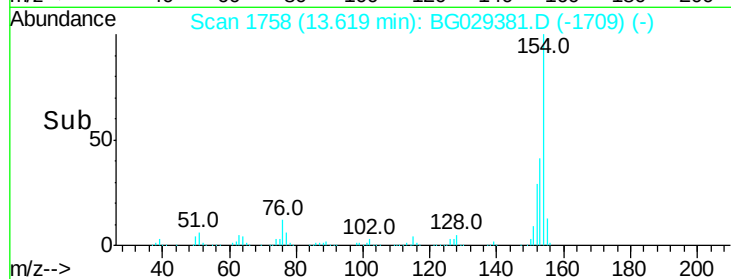
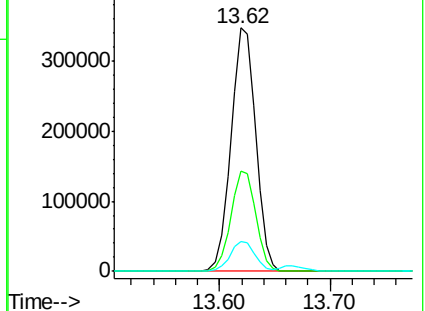
76 12.1 0.0 31.9



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: 38.408 ng

RT: 13.67 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

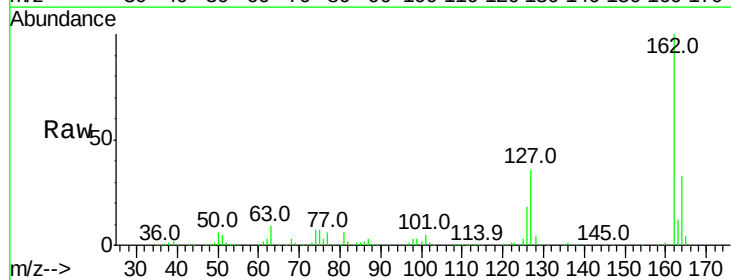
Tgt Ion:162 Resp: 424137

Ion Ratio Lower Upper

162 100

127 36.0 30.7 46.1

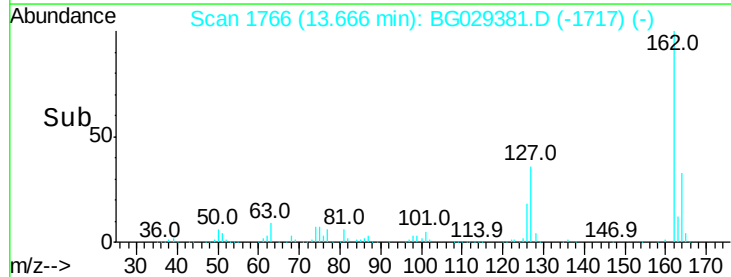
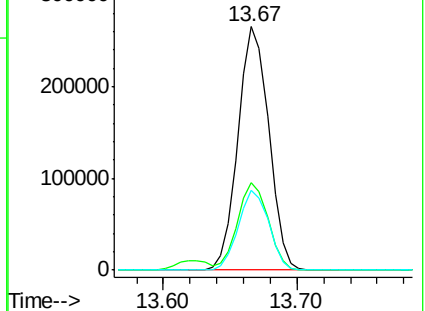
164 32.9 26.0 39.0

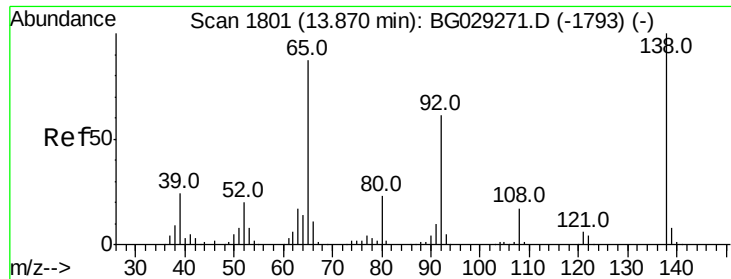


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

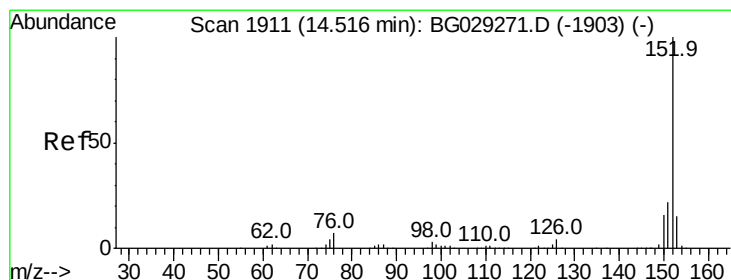
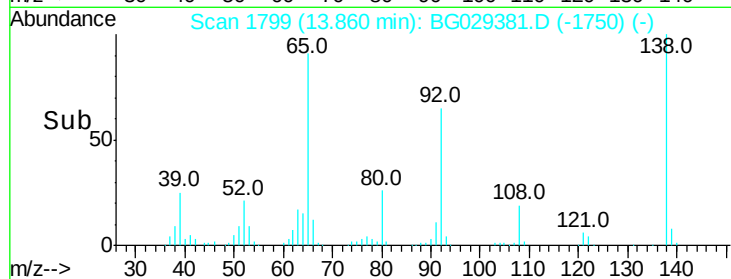
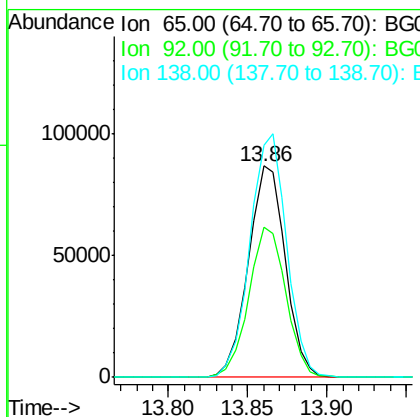
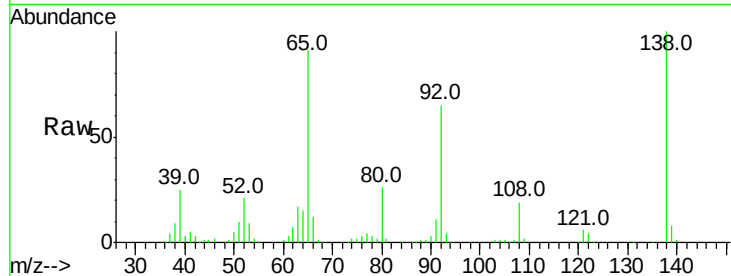




#47
 2-Nitroaniline
 Concen: 46.437 ng
 RT: 13.86 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

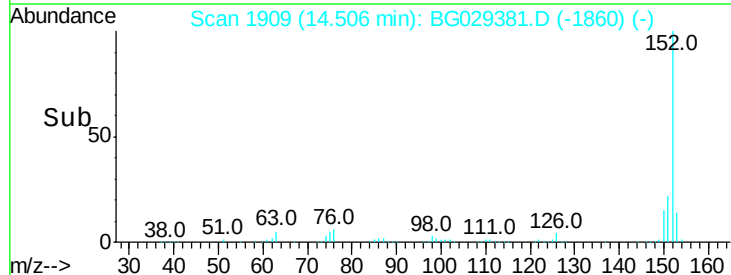
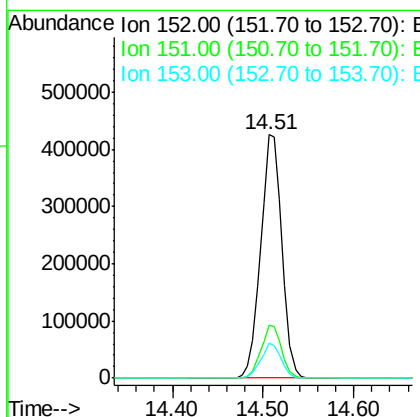
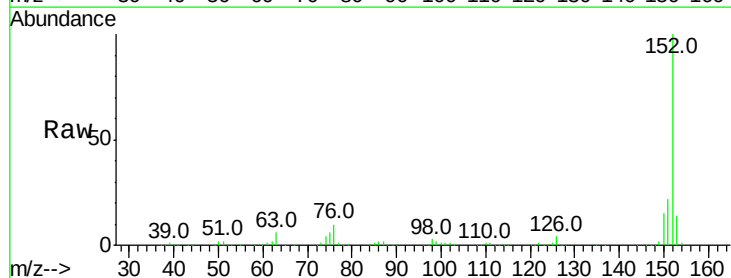
Instrument :
 BNA_G
 ClientSampled :

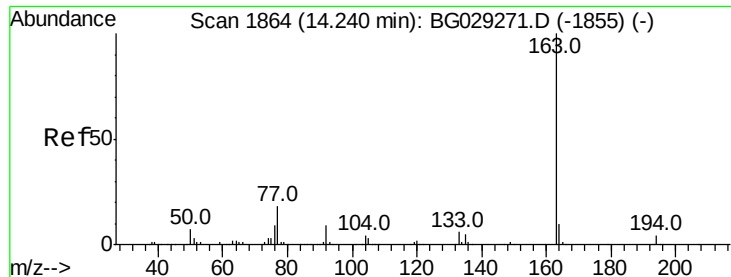
Tot Ion: 65 Resp: 140852
 Ion Ratio Lower Upper
 65 100
 92 71.4 54.6 82.0
 138 109.7 72.9 109.3#



#48
 Acenaphthylene
 Concen: 39.913 ng
 RT: 14.51 min Scan# 1909
 Delta R.T. -0.01 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Tgt Ion: 152 Resp: 689812
 Ion Ratio Lower Upper
 152 100
 151 21.8 17.2 25.8
 153 14.4 10.2 15.4





#49

Dimethylphthalate

Concen: 43.845 ng

RT: 14.23 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

Instrument :

BNA_G

ClientSampleId :

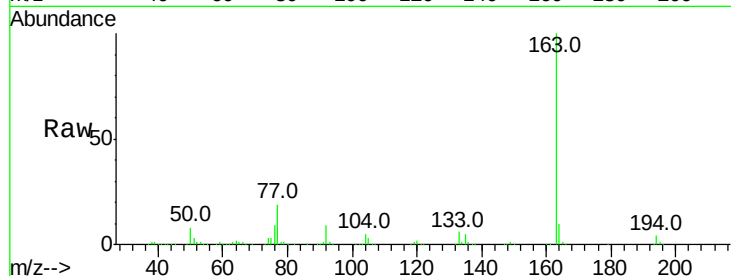
Tot Ion:163 Resp: 602551

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

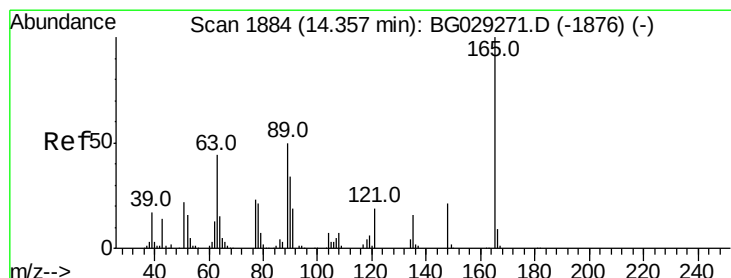
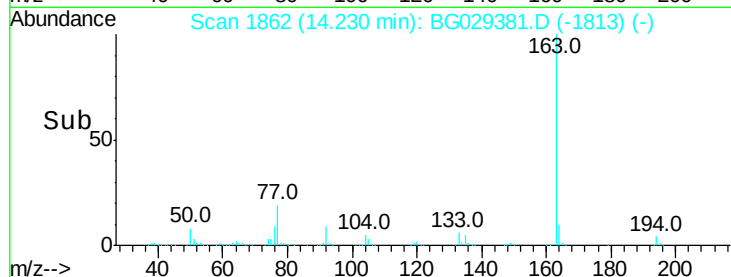
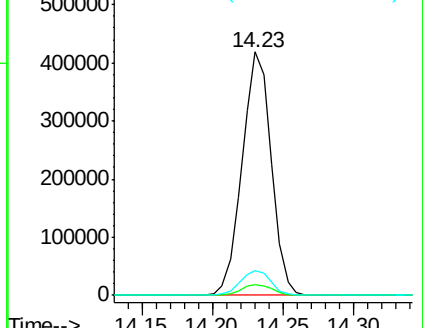
164 10.3 8.2 12.4



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: 47.341 ng

RT: 14.35 min Scan# 1883

Delta R.T. -0.00 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

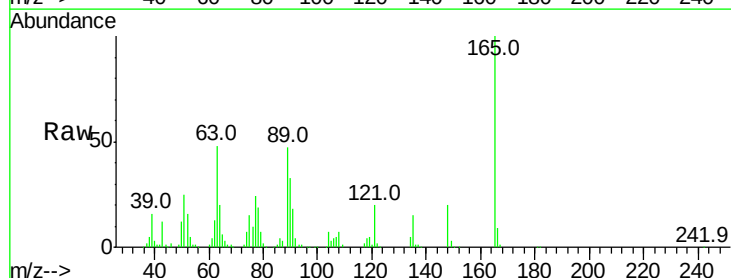
Tgt Ion:165 Resp: 136382

Ion Ratio Lower Upper

165 100

63 47.5 52.7 79.1#

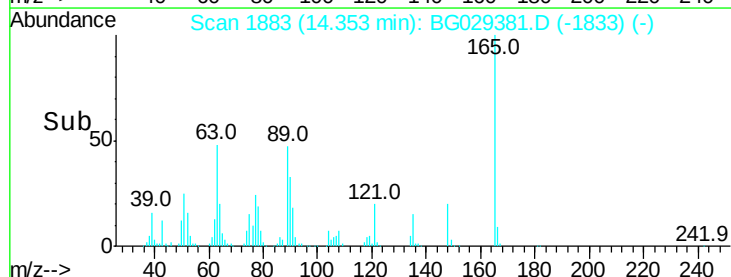
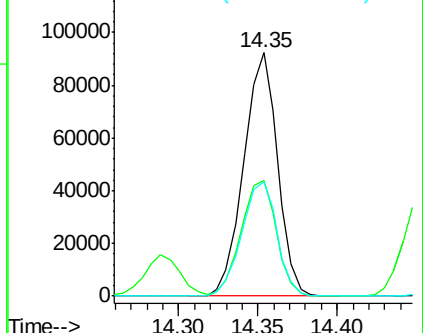
89 46.8 49.2 73.8#

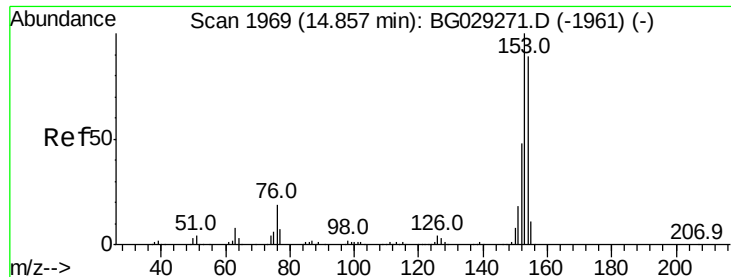


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 38.343 ng

RT: 14.85 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

Instrument :

BNA_G

ClientSampleId :

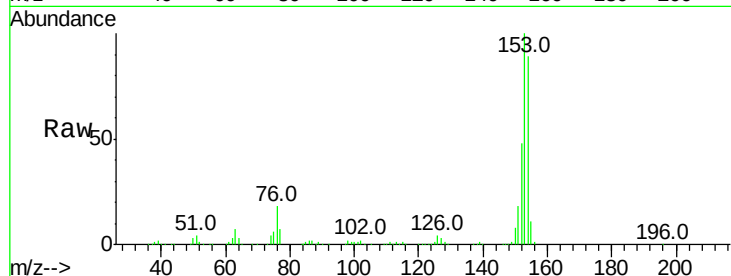
Tot Ion:154 Resp: 431160

Ion Ratio Lower Upper

154 100

153 112.5 90.4 135.6

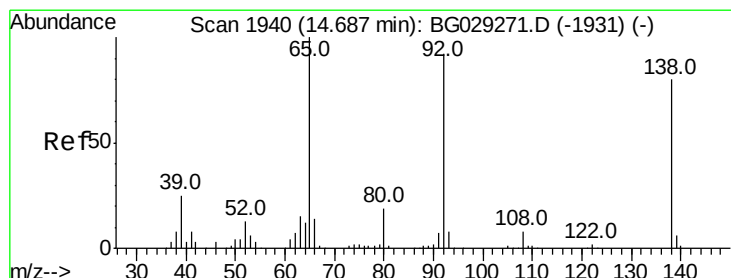
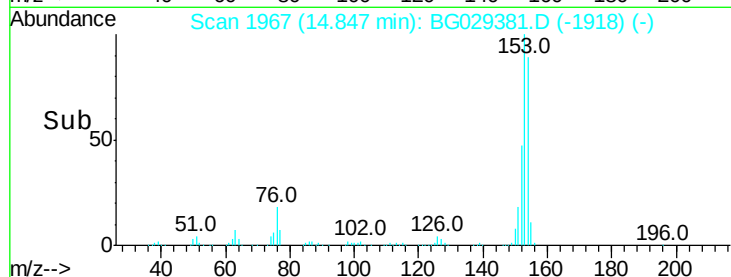
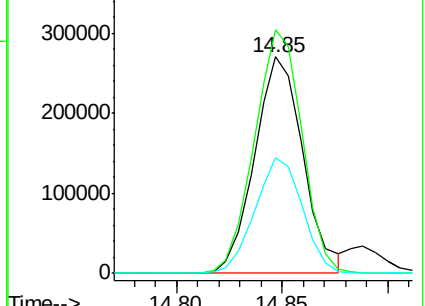
152 53.5 41.6 62.4



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: 36.292 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

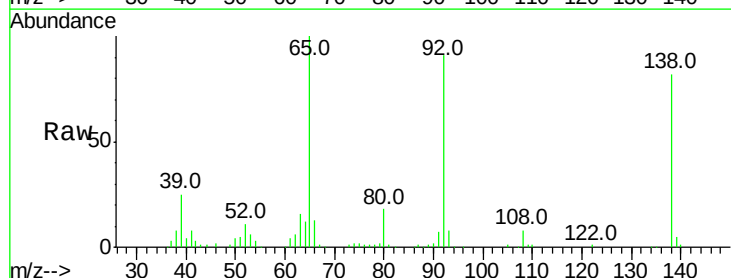
Tgt Ion:138 Resp: 112821

Ion Ratio Lower Upper

138 100

108 10.0 17.5 26.3#

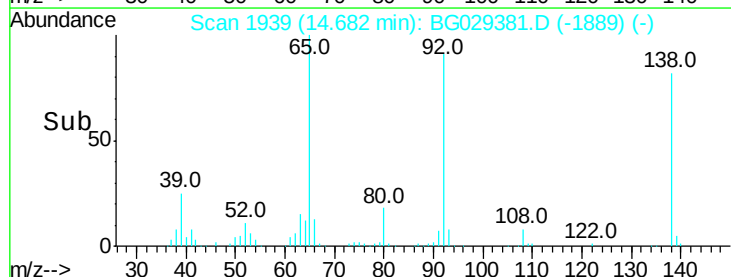
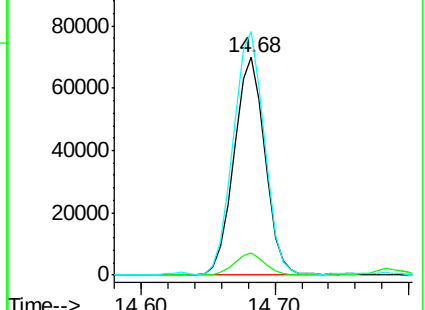
92 112.0 105.8 158.8

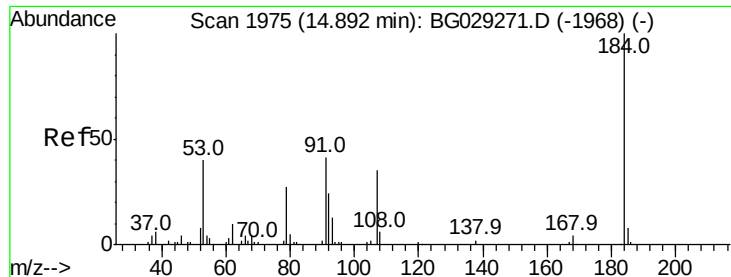


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

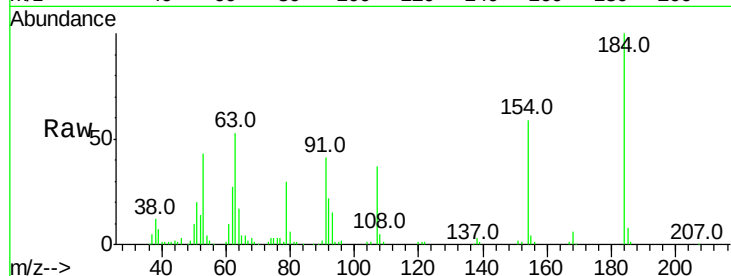




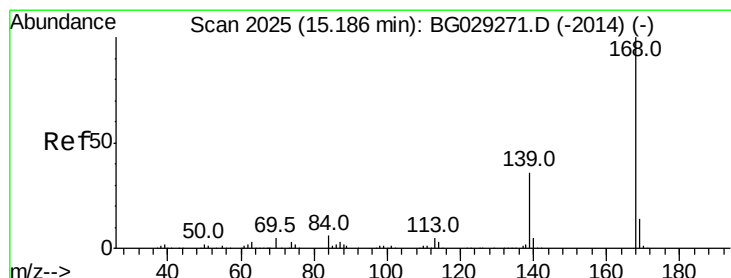
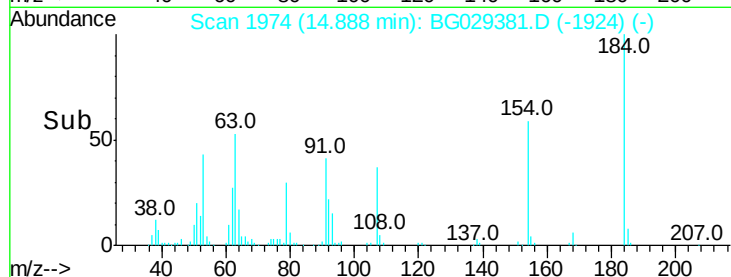
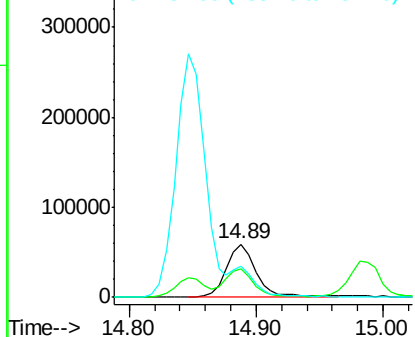
#53
 2,4-Dinitrophenol
 Concen: 62.762 ng
 RT: 14.89 min Scan# 1974
 Delta R.T. -0.00 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:184 Resp: 97095
 Ion Ratio Lower Upper
 184 100
 63 53.2 59.8 89.8#
 154 59.0 101.8 152.8#

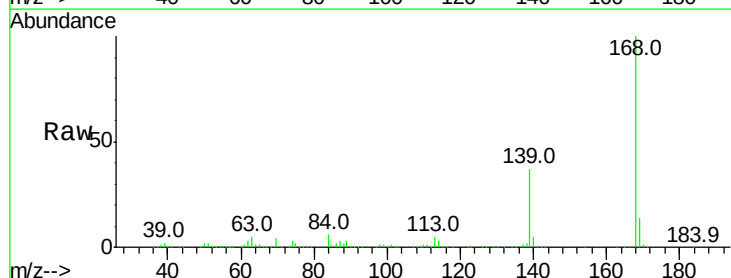


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

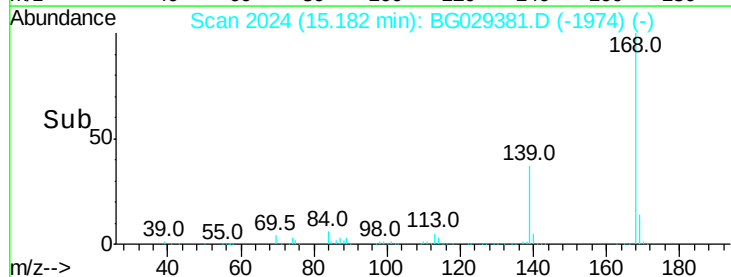
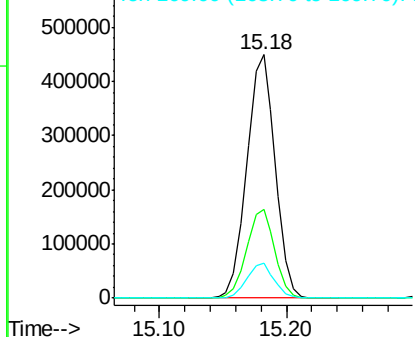


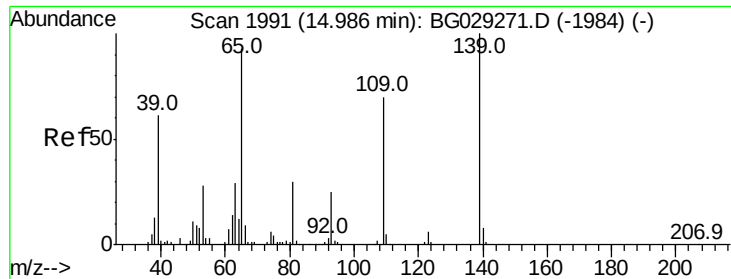
#54
 Dibenzofuran
 Concen: 43.361 ng
 RT: 15.18 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Tgt Ion:168 Resp: 696058
 Ion Ratio Lower Upper
 168 100
 139 36.6 28.6 43.0
 169 14.2 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

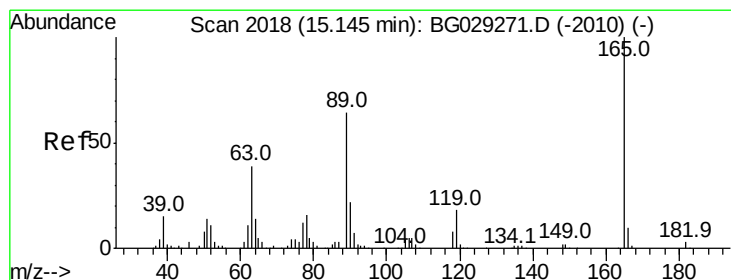
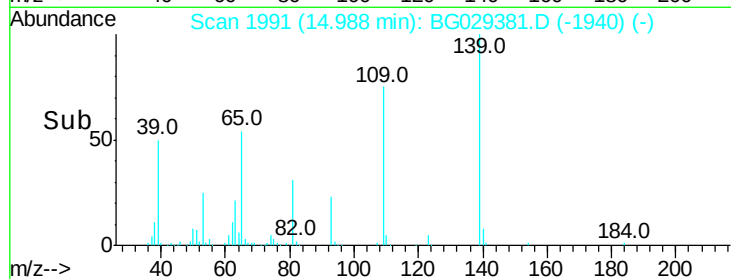
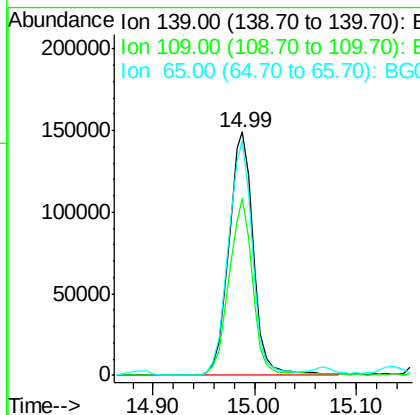
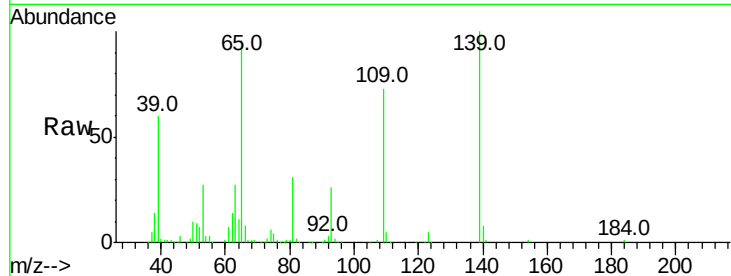




#55
4-Nitrophenol
Concen: 97.385 ng
RT: 14.99 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

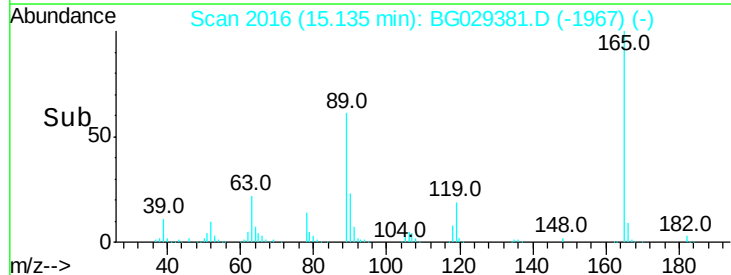
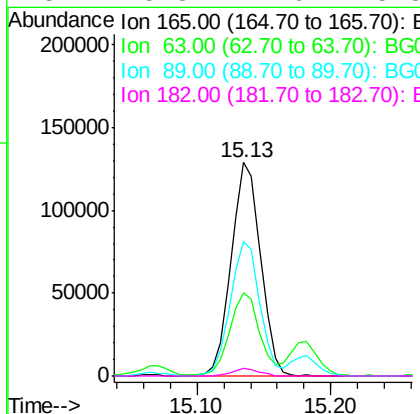
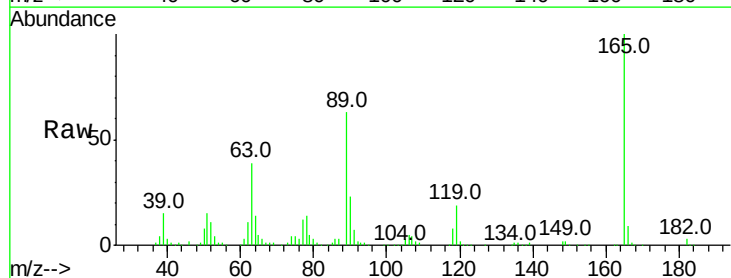
Instrument :
BNA_G
ClientSampleId :

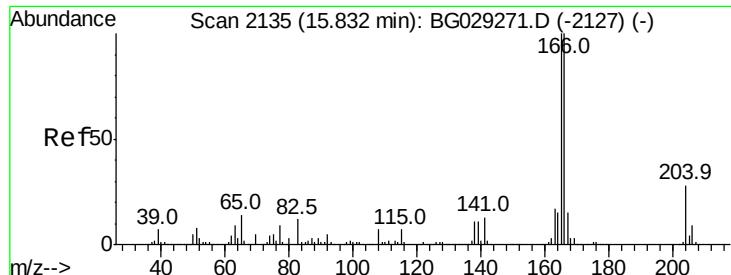
Tot Ion	Ratio	Lower	Upper
139	100		
109	72.8	62.2	102.2
65	96.2	97.2	137.2#



#56
2,4-Dinitrotoluene
Concen: 50.612 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.1	42.0	63.0#
89	62.8	66.9	100.3#
182	3.3	2.6	3.8

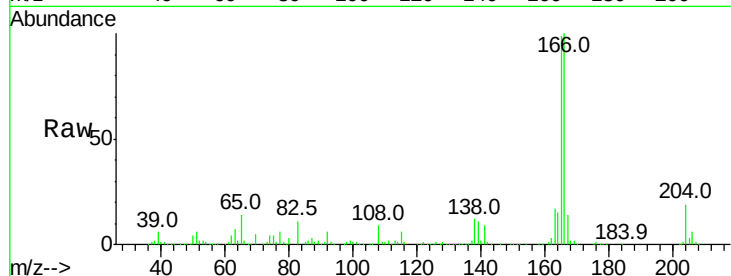




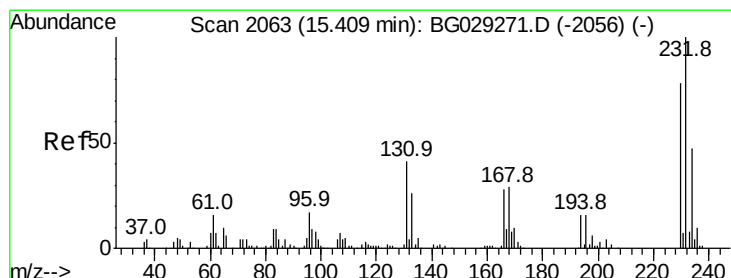
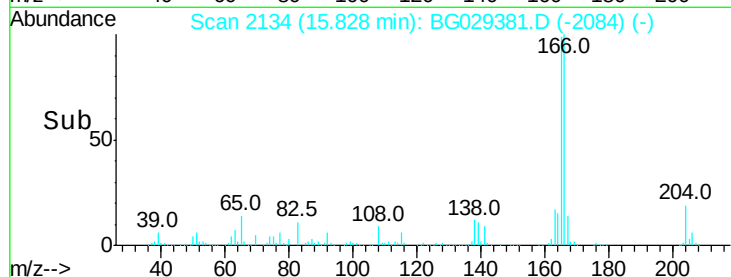
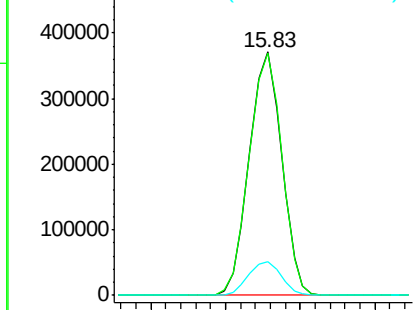
#57
 Fluorene
 Concen: 42.234 ng
 RT: 15.83 min Scan# 2134
 Delta R.T. -0.00 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:166 Resp: 560065
 Ion Ratio Lower Upper
 166 100
 165 99.3 80.6 121.0
 167 14.0 10.4 15.6



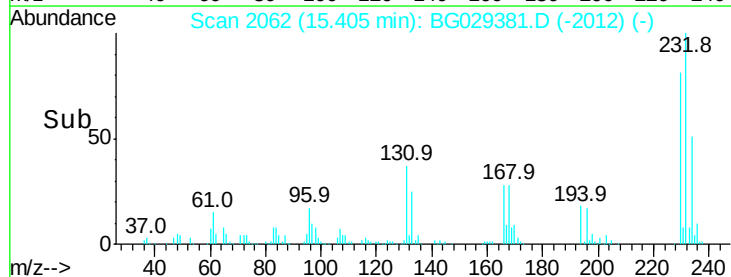
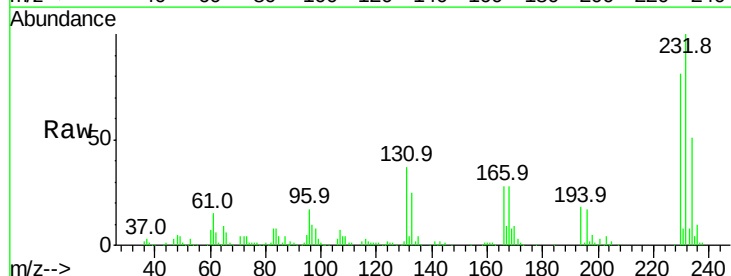
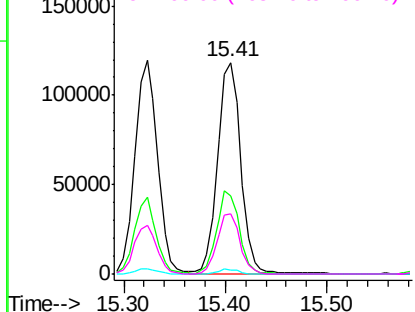
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

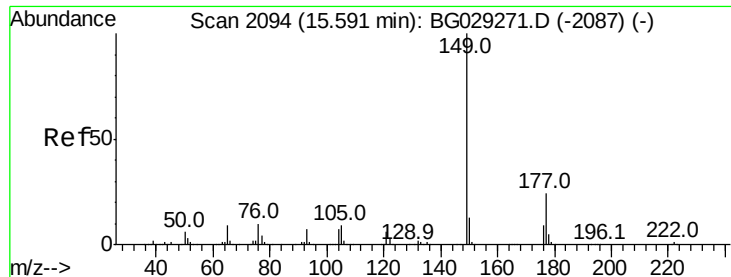


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.080 ng
 RT: 15.41 min Scan# 2062
 Delta R.T. -0.00 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Tgt Ion:232 Resp: 187056
 Ion Ratio Lower Upper
 232 100
 131 38.3 33.5 50.3
 130 2.2 2.2 3.2
 166 28.2 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

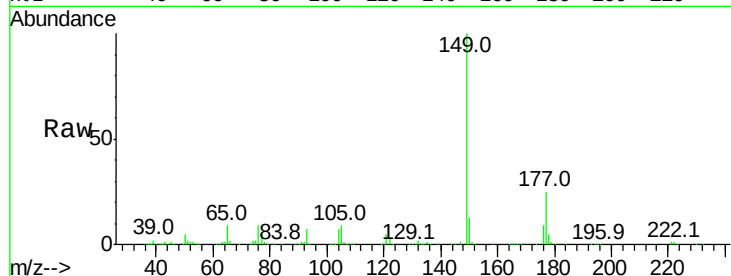




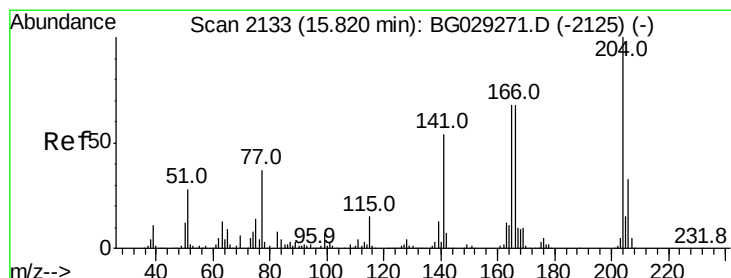
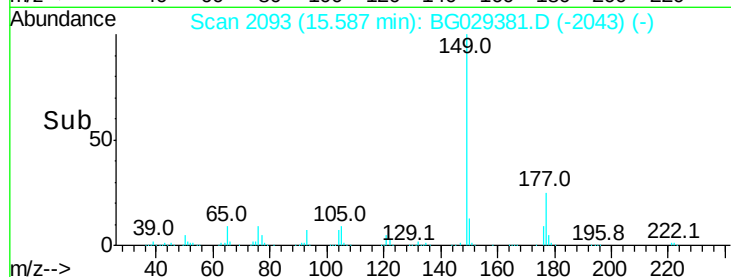
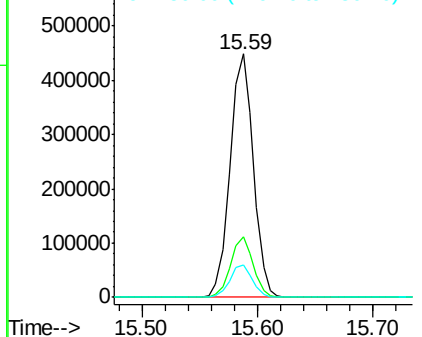
#59
Diethylphthalate
Concen: 45.397 ng
RT: 15.59 min Scan# 2093
Delta R.T. -0.00 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Instrument :
BNA_G
ClientSampled :

Tot Ion:149 Resp: 621754
Ion Ratio Lower Upper
149 100
177 24.6 18.5 27.7
150 13.1 10.2 15.2

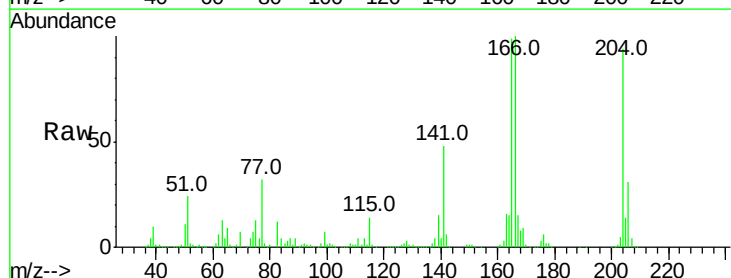


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

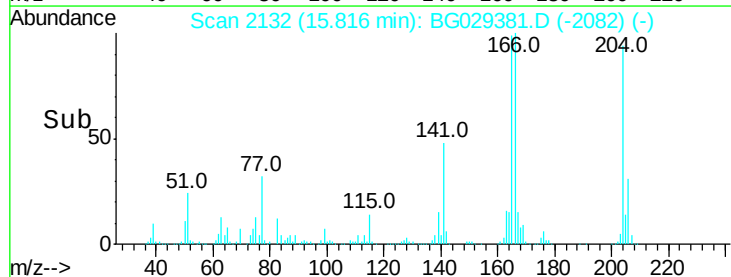
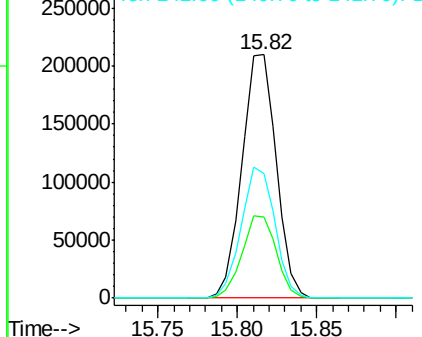


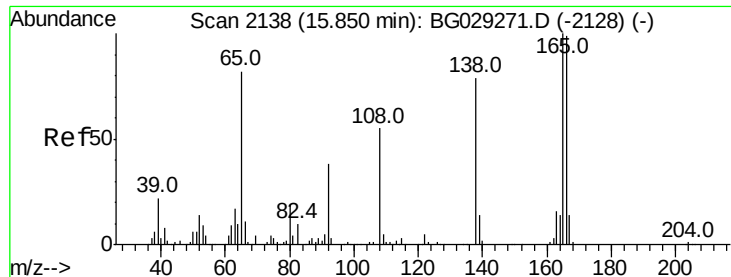
#60
4-Chlorophenyl-phenylether
Concen: 44.459 ng
RT: 15.82 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Tgt Ion:204 Resp: 314344
Ion Ratio Lower Upper
204 100
206 33.5 26.2 39.2
141 51.1 45.8 68.6



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

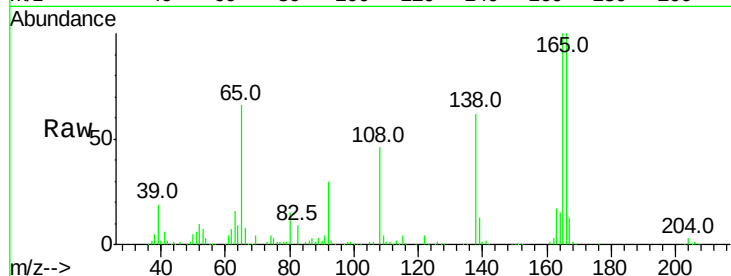




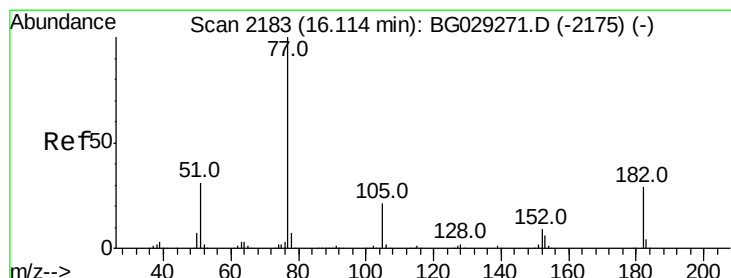
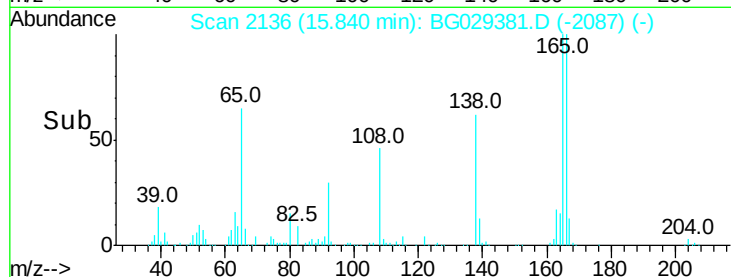
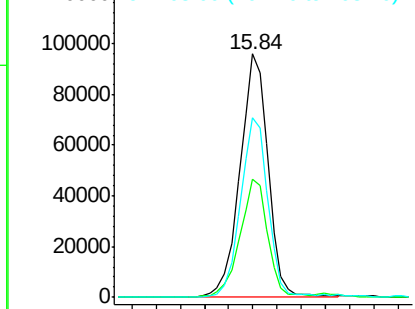
#61
4-Nitroaniline
Concen: 48.872 ng
RT: 15.84 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Instrument :
BNA_G
ClientSampleID :

Tot Ion:138 Resp: 156005
Ion Ratio Lower Upper
138 100
92 48.7 40.1 80.1
108 73.8 65.4 105.4

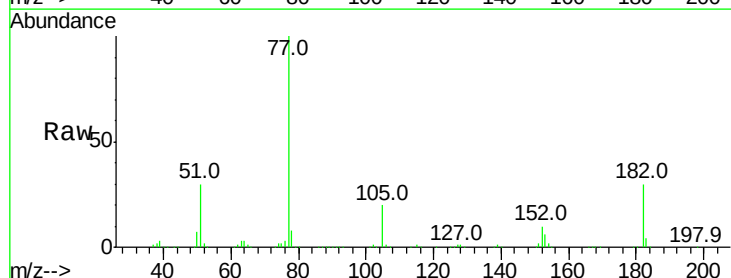


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

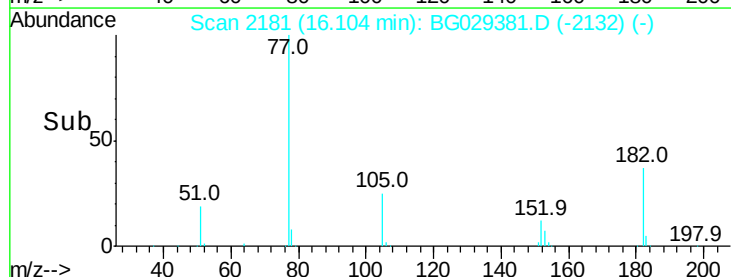
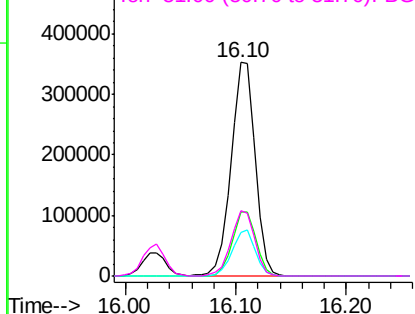


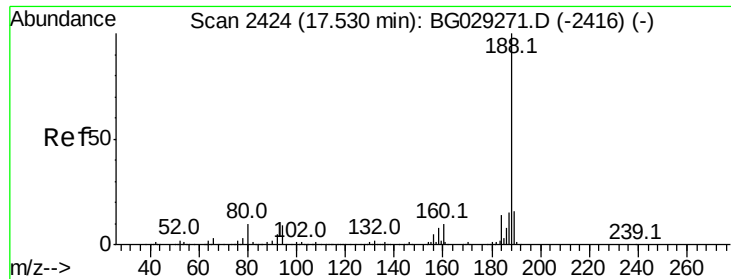
#62
Azobenzene
Concen: 46.605 ng
RT: 16.10 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Tgt Ion: 77 Resp: 538258
Ion Ratio Lower Upper
77 100
182 29.8 7.4 47.4
105 20.4 0.3 40.3
51 30.3 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

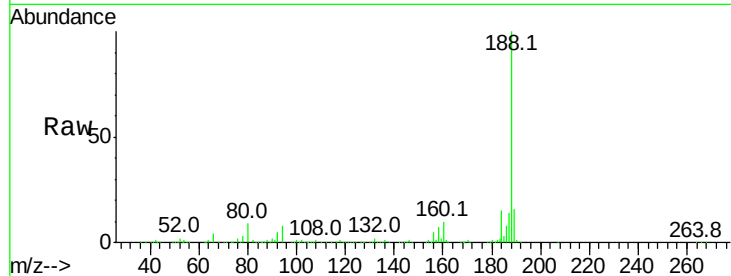




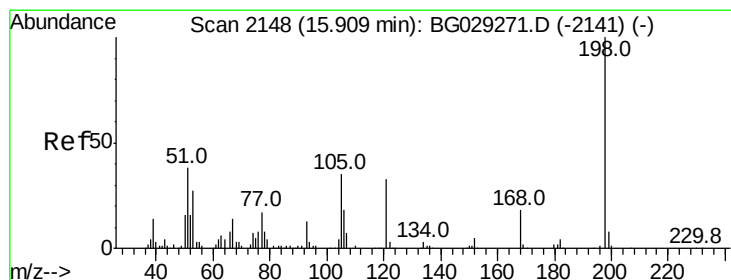
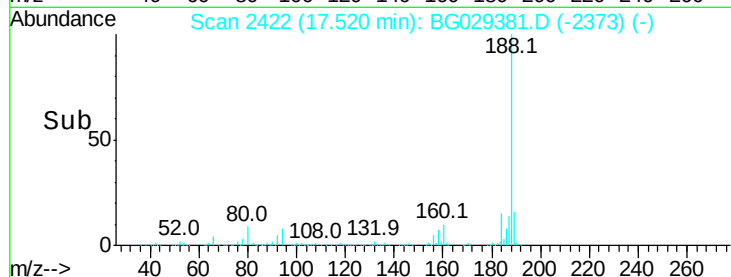
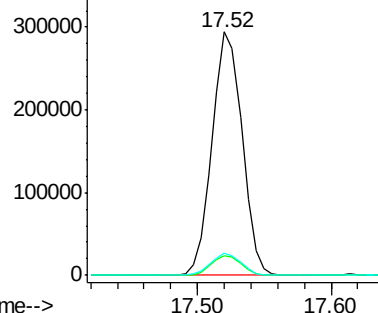
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 457569
Ion Ratio Lower Upper
188 100
94 7.9 6.9 10.3
80 9.2 7.7 11.5

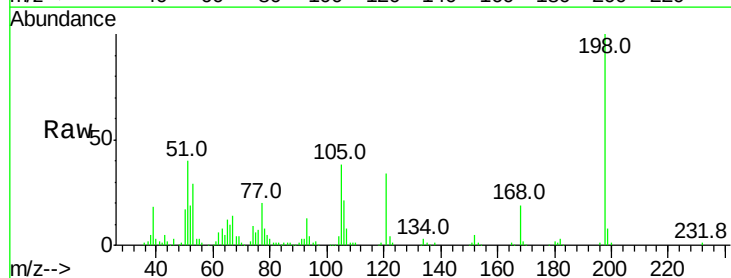


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

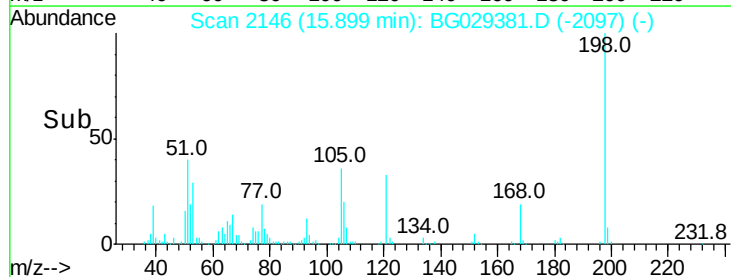
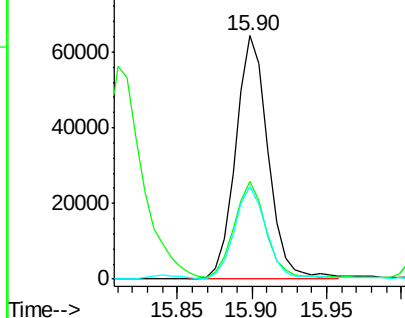


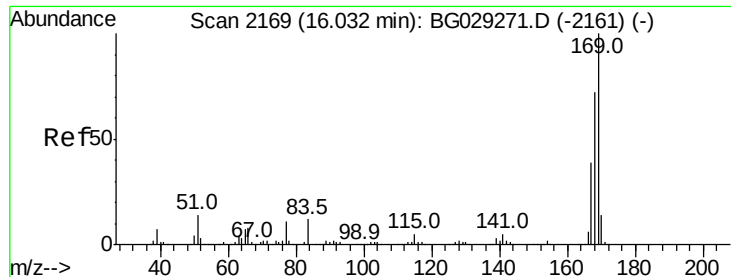
#64
4,6-Dinitro-2-methylphenol
Concen: 38.534 ng
RT: 15.90 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Tgt Ion:198 Resp: 97403
Ion Ratio Lower Upper
198 100
51 40.0 30.6 70.6
105 38.0 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.942 ng

RT: 16.03 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

Instrument :

BNA_G

ClientSampleId :

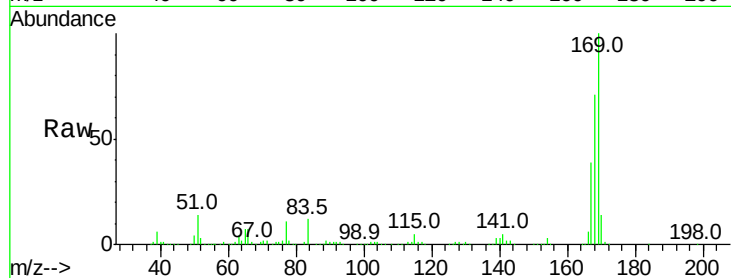
Tot Ion:169 Resp: 533780

Ion Ratio Lower Upper

169 100

168 70.8 55.7 83.5

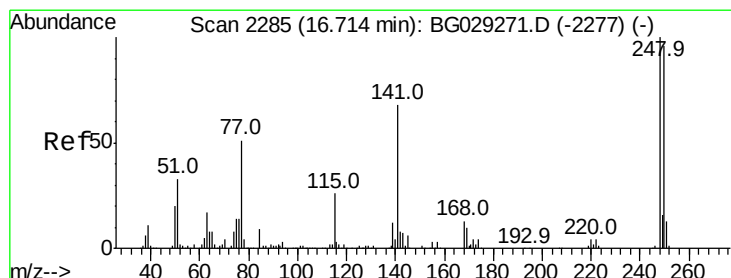
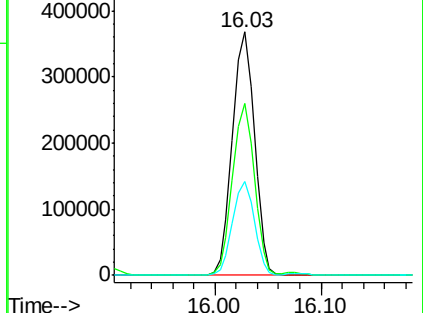
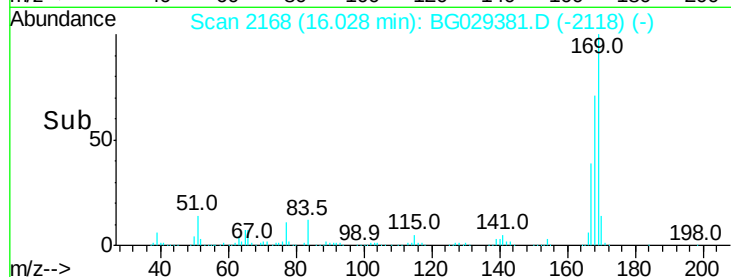
167 38.7 30.1 45.1



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: 41.177 ng

RT: 16.70 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

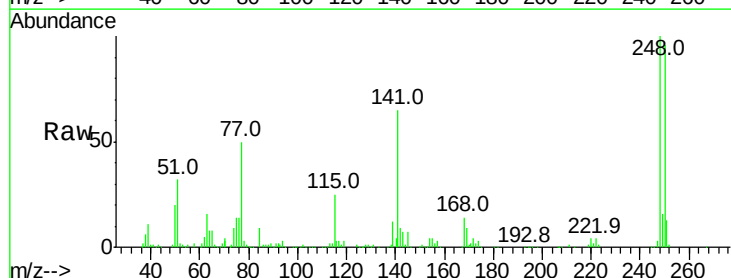
Tgt Ion:248 Resp: 216202

Ion Ratio Lower Upper

248 100

250 96.5 77.1 115.7

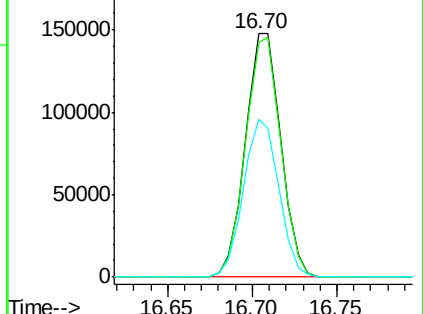
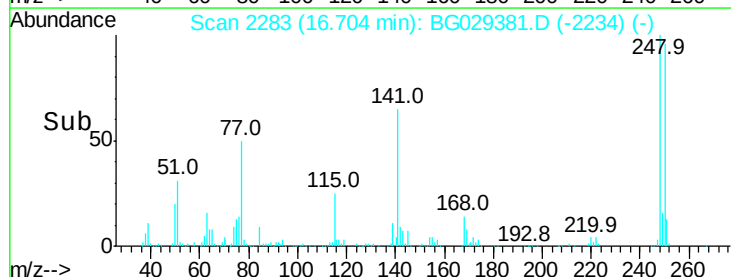
141 64.7 50.8 76.2

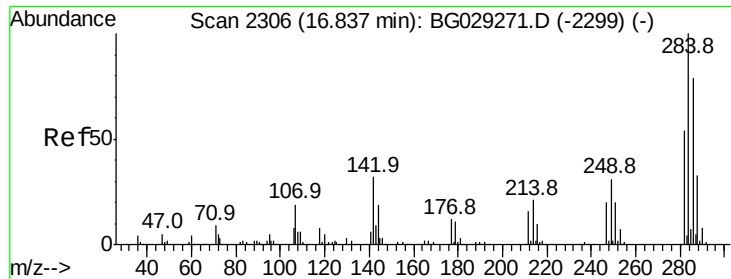


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

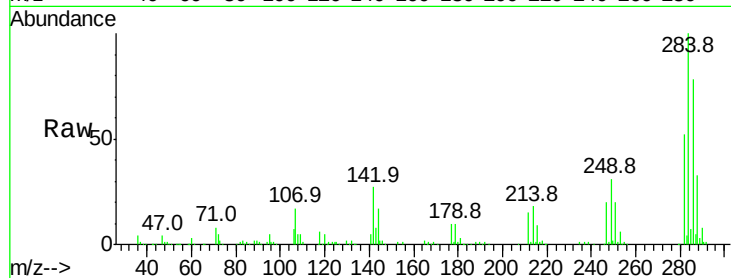




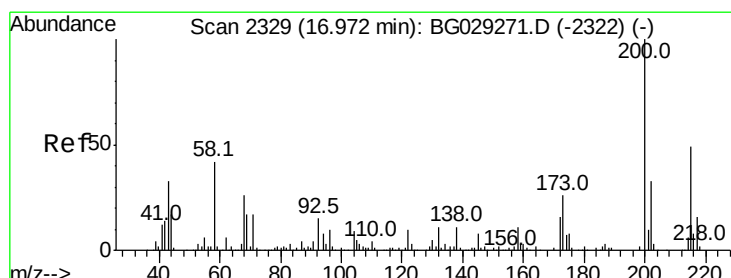
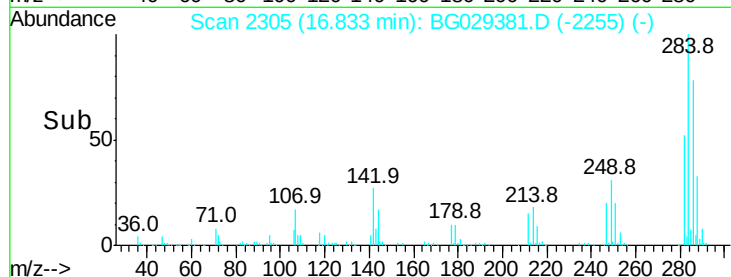
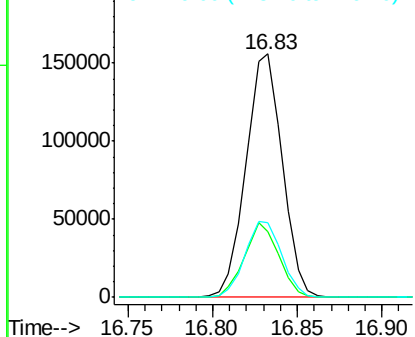
#67
Hexachlorobenzene
Concen: 39.308 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:284 Resp: 233779
Ion Ratio Lower Upper
284 100
142 27.1 26.8 40.2
249 30.8 26.3 39.5

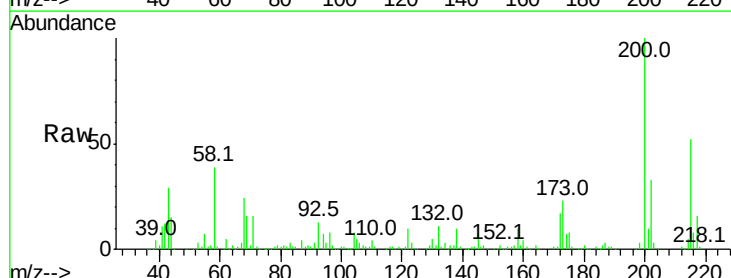


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

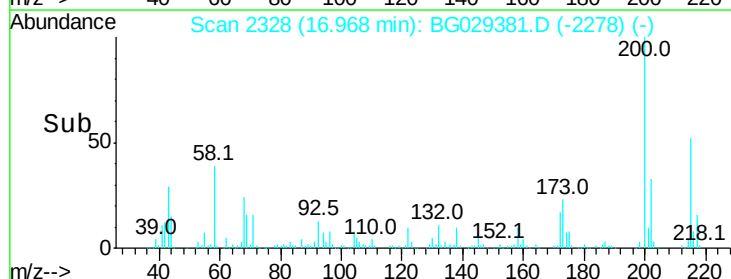
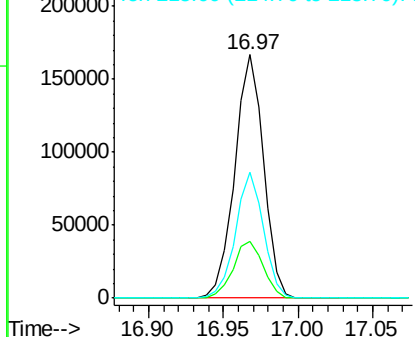


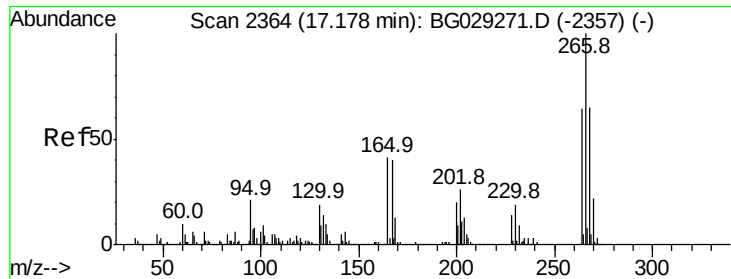
#68
Atrazine
Concen: 45.793 ng
RT: 16.97 min Scan# 2328
Delta R.T. -0.00 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Tgt Ion:200 Resp: 223965
Ion Ratio Lower Upper
200 100
173 23.4 5.2 45.2
215 51.5 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

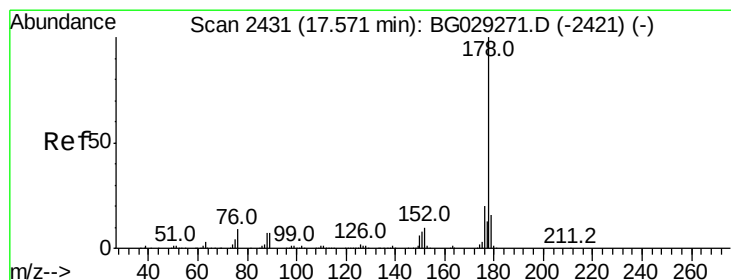
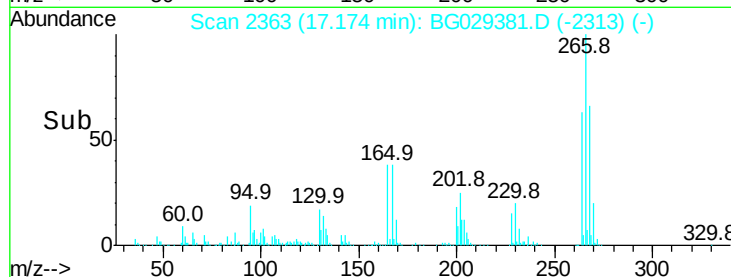
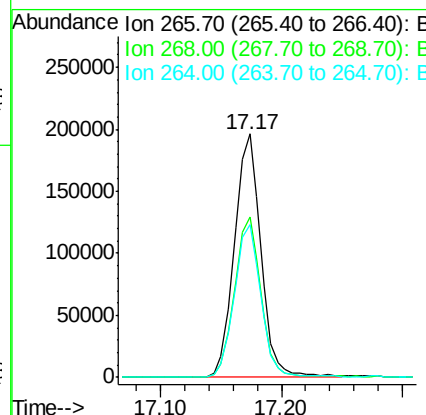
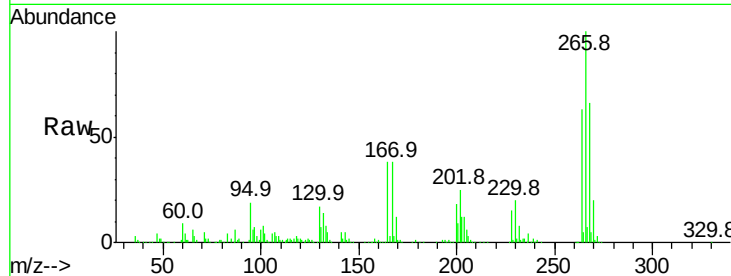




#69
 Pentachlorophenol
 Concen: 87.903 ng
 RT: 17.17 min Scan# 2363
 Delta R.T. -0.00 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

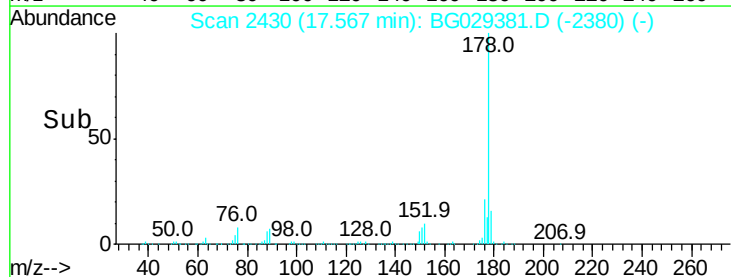
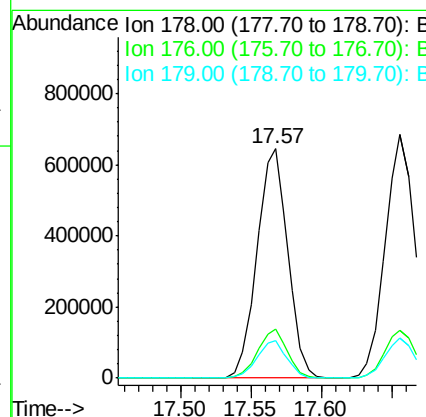
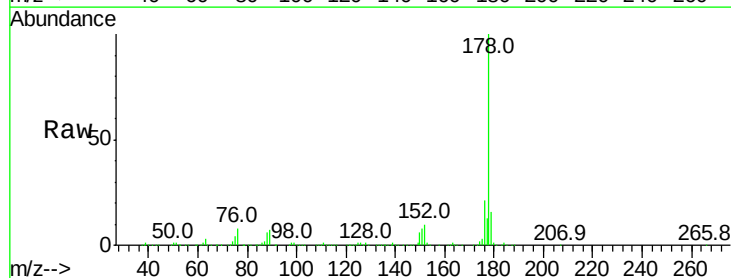
Instrument :
 BNA_G
 ClientSampleId :

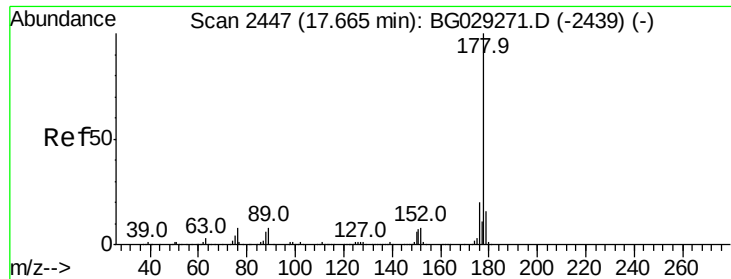
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.7	51.1	76.7
264	63.0	49.6	74.4



#70
 Phenanthrene
 Concen: 41.691 ng
 RT: 17.57 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.2	15.7	23.5
179	16.3	12.5	18.7



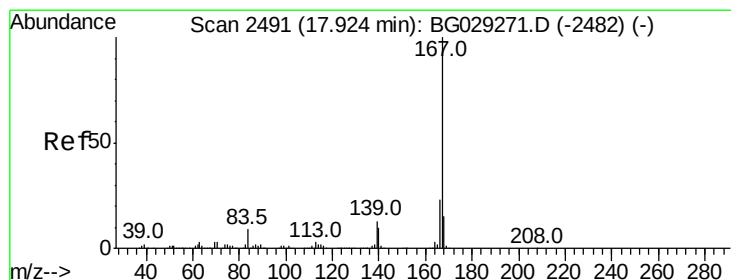
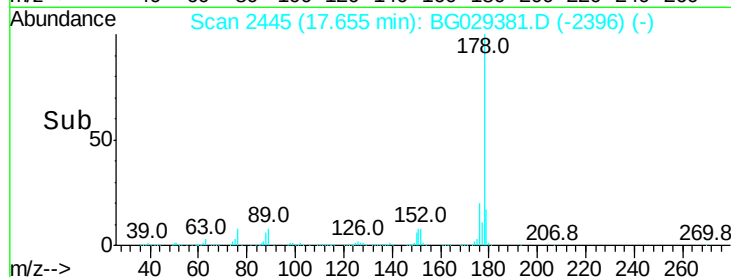
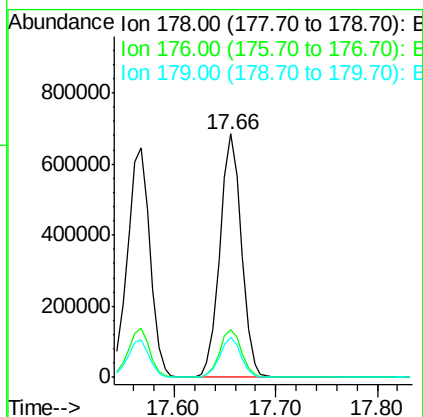
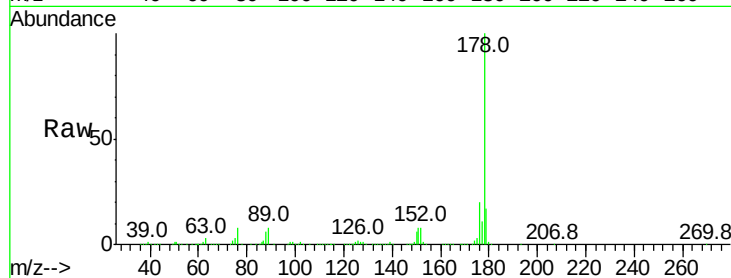


#71
 Anthracene
 Concen: 42.373 ng
 RT: 17.66 min Scan# 2445
 Delta R.T. -0.01 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:178 Resp: 1005752

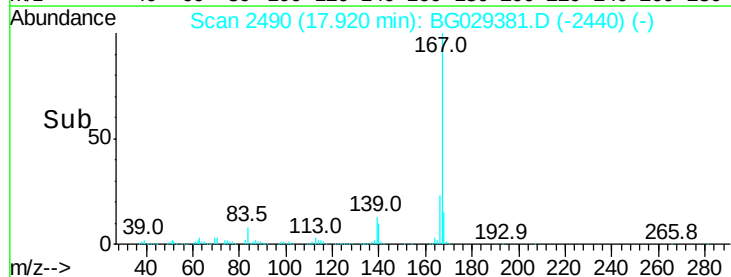
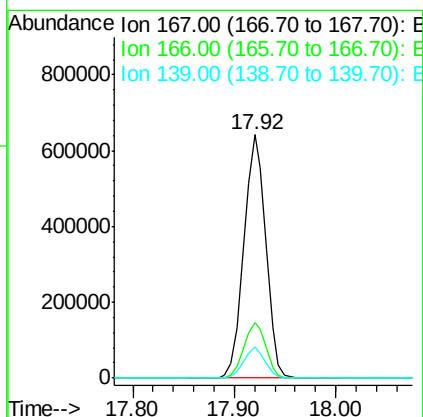
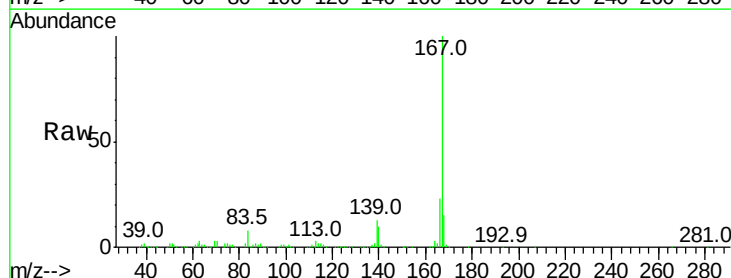
Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.0	24.0
179	16.5	12.5	18.7

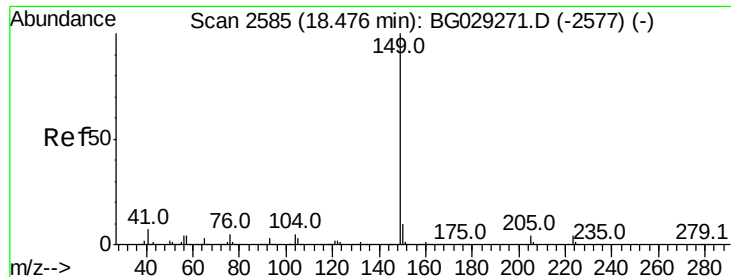


#72
 Carbazole
 Concen: 42.052 ng
 RT: 17.92 min Scan# 2490
 Delta R.T. -0.00 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Tgt Ion:167 Resp: 958815

Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.2	27.4
139	12.6	9.4	14.2





#73

Di-n-butylphthalate

Concen: 42.608 ng

RT: 18.47 min Scan# 2583

Delta R.T. -0.01 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

Instrument :

BNA_G

ClientSampleId :

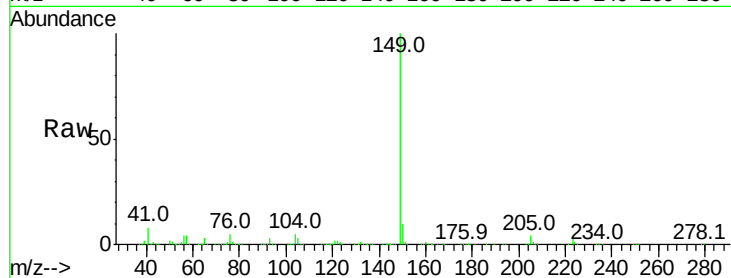
Tot Ion:149 Resp: 1117338

Ion Ratio Lower Upper

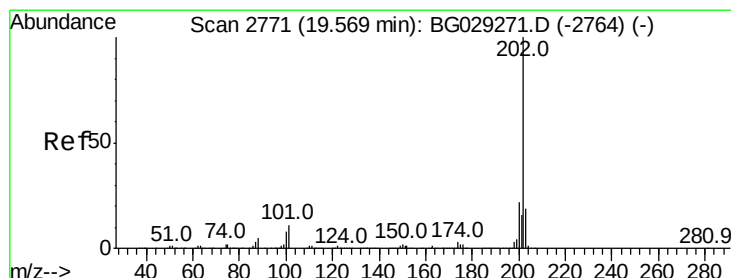
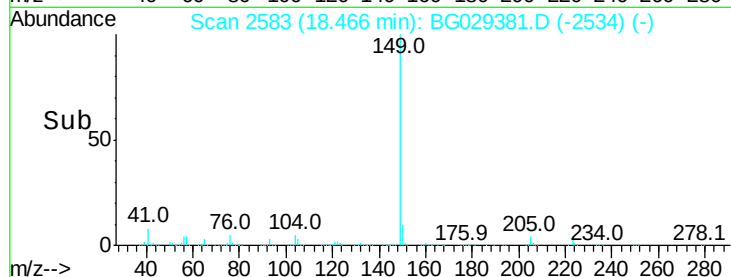
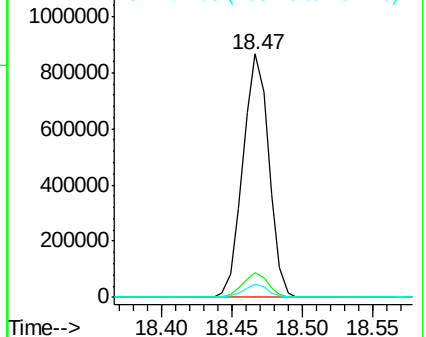
149 100

150 10.1 7.8 11.6

104 5.2 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.000 ng

RT: 19.56 min Scan# 2769

Delta R.T. -0.01 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

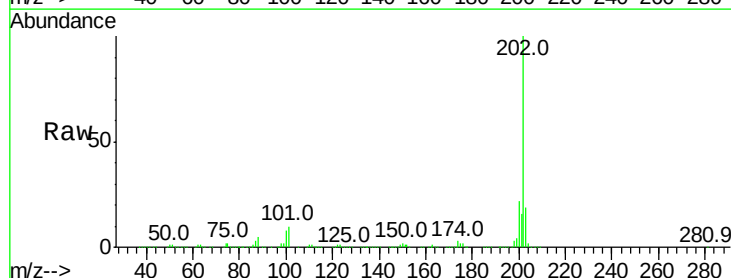
Tgt Ion:202 Resp: 1244149

Ion Ratio Lower Upper

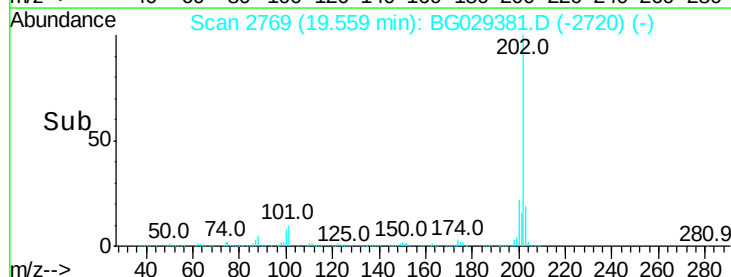
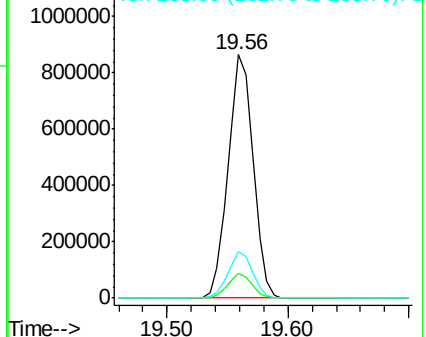
202 100

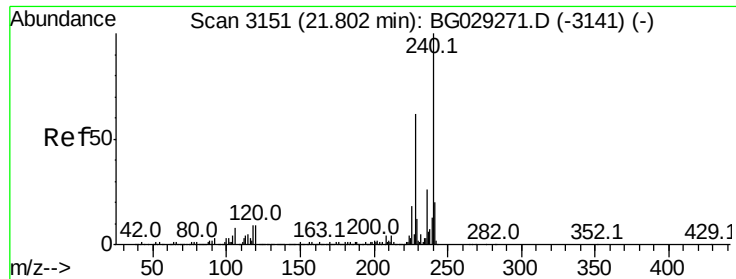
101 10.0 0.0 28.9

203 19.3 0.0 37.5



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

Instrument :

BNA_G

ClientSampleId :

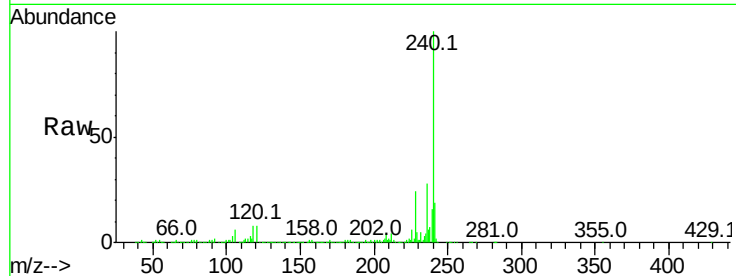
Tot Ion:240 Resp: 506618

Ion Ratio Lower Upper

240 100

120 8.5 6.8 10.2

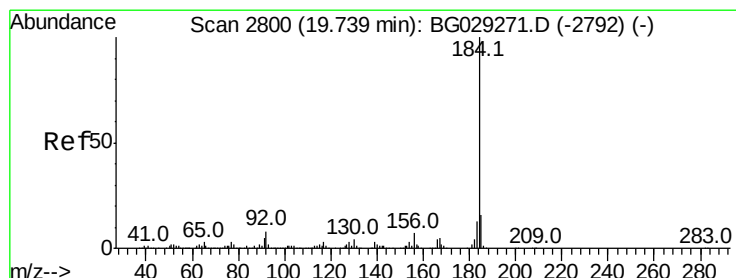
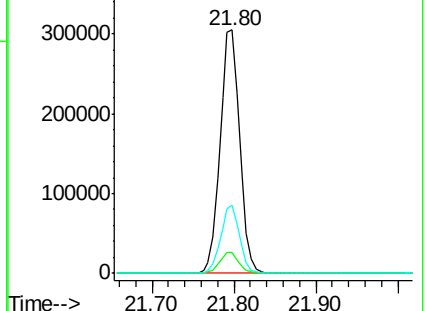
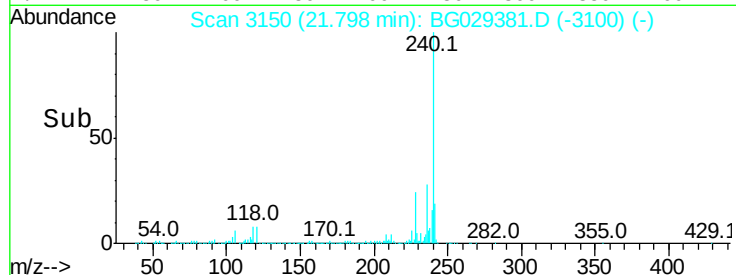
236 28.0 20.9 31.3



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: 26.800 ng

RT: 19.73 min Scan# 2798

Delta R.T. -0.01 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

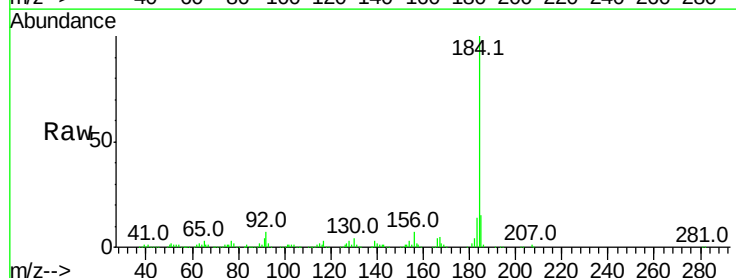
Tgt Ion:184 Resp: 409956

Ion Ratio Lower Upper

184 100

185 14.7 11.1 16.7

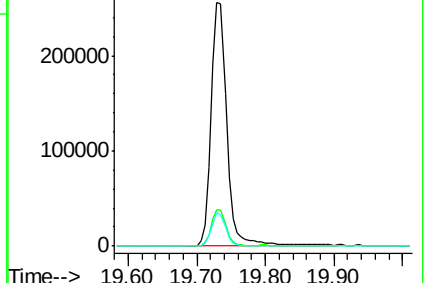
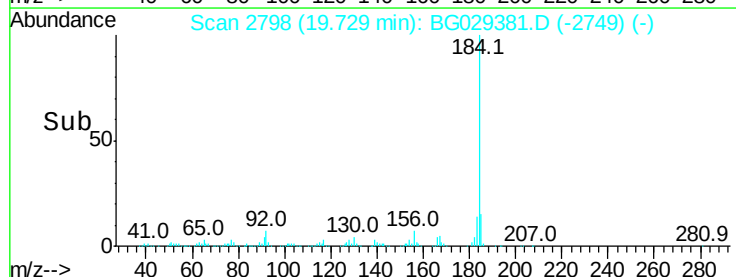
183 13.9 10.6 16.0

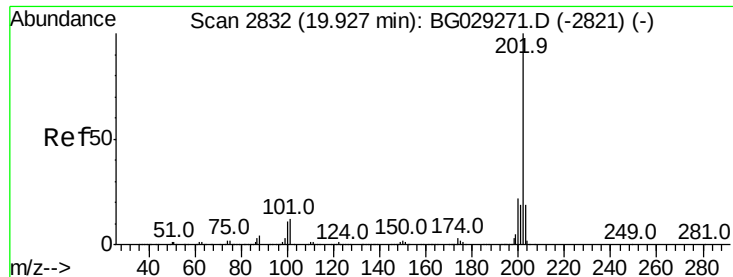


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.918 ng

RT: 19.92 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

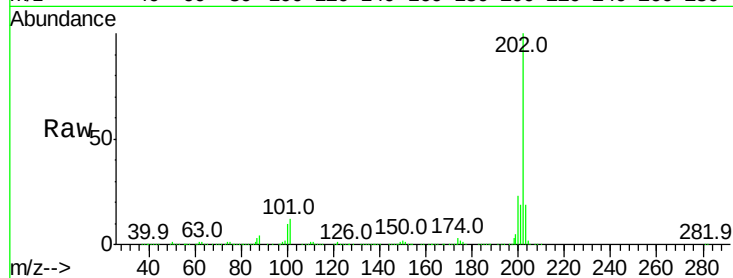
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1257504

Ion	Ratio	Lower	Upper
202	100		
200	22.9	16.9	25.3
203	19.0	13.9	20.9

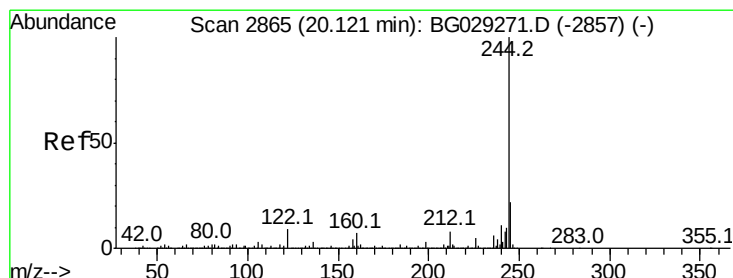
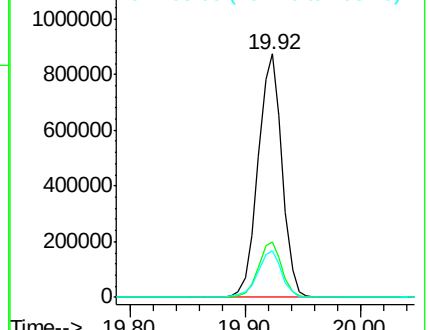
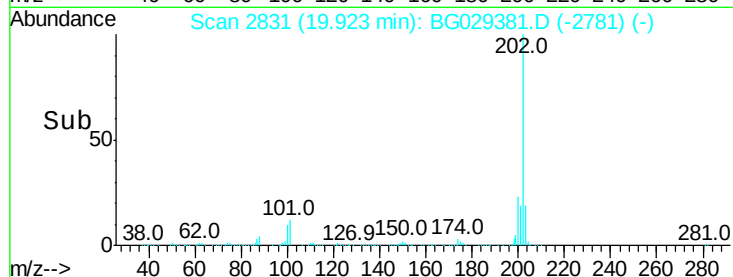


Abundance

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: 84.105 ng

RT: 20.11 min Scan# 2863

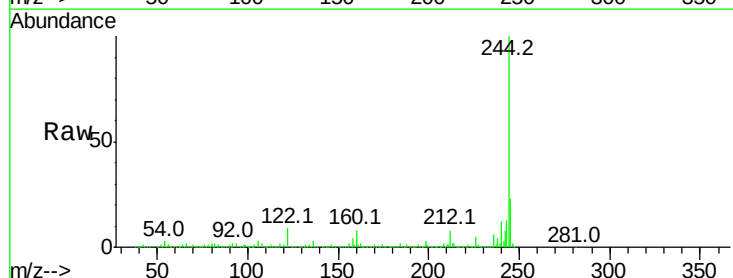
Delta R.T. -0.01 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

Tgt Ion:244 Resp: 1872975

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	9.5	7.0	10.4

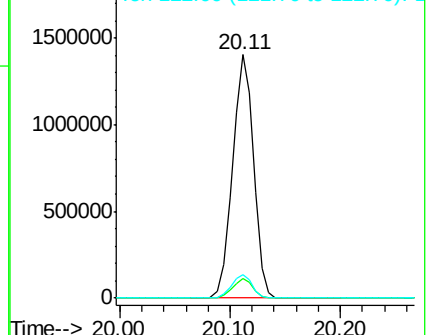
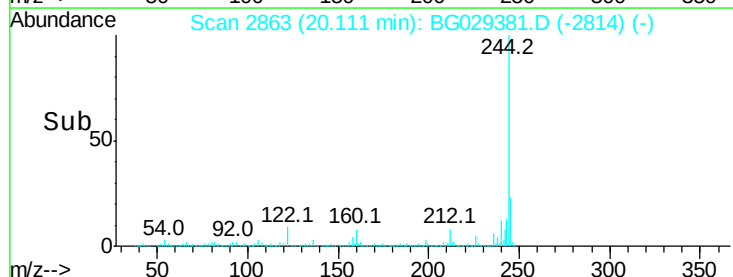


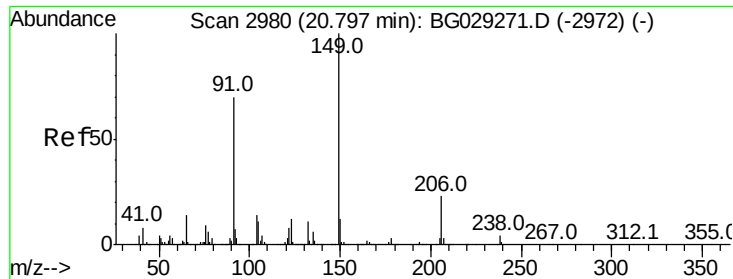
Abundance

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

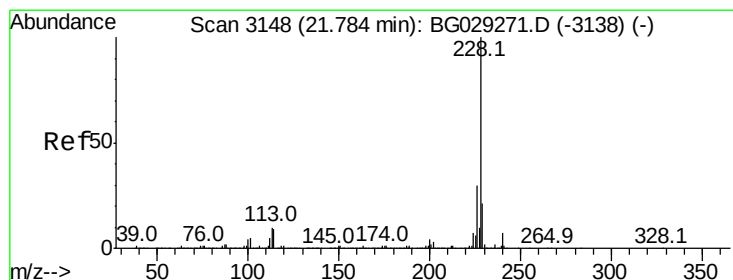
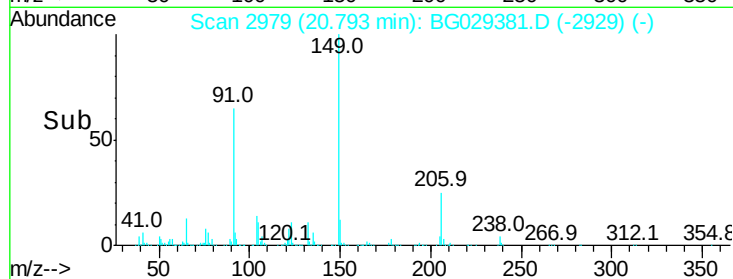
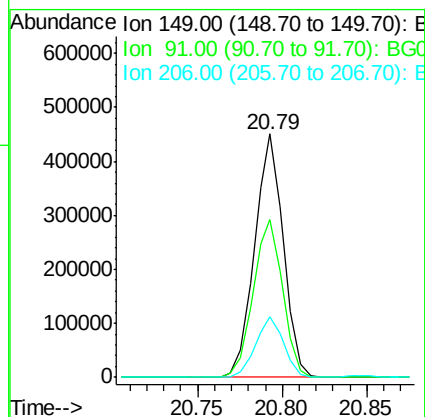
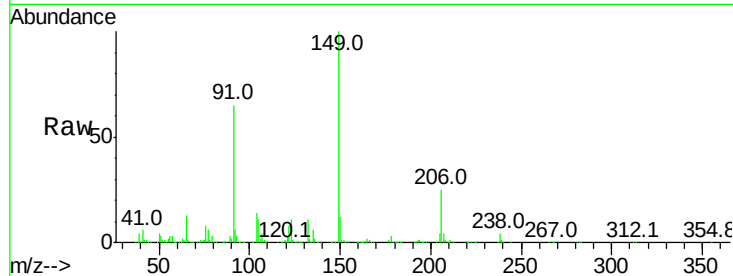




#79
 Butylbenzylphthalate
 Concen: 40.509 ng
 RT: 20.79 min Scan# 2979
 Delta R.T. -0.00 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

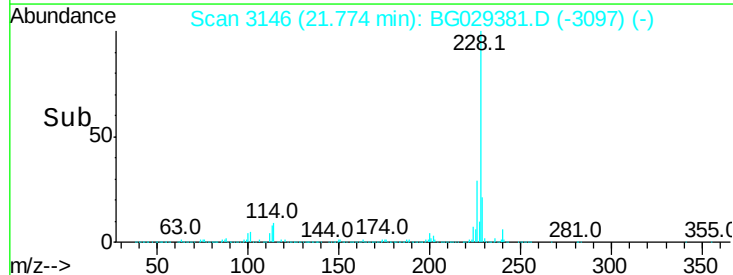
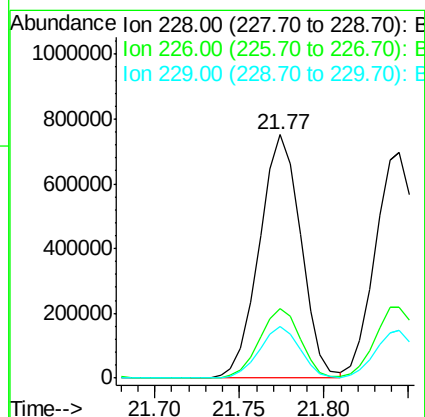
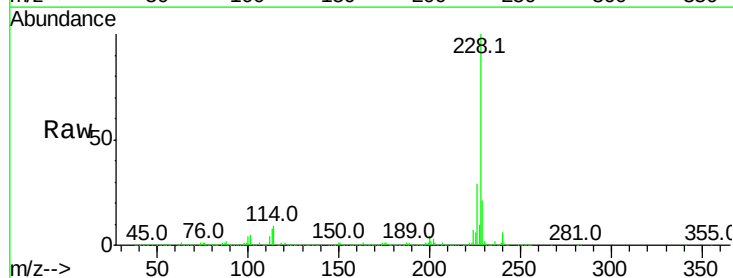
Instrument :
 BNA_G
 ClientSampleId :

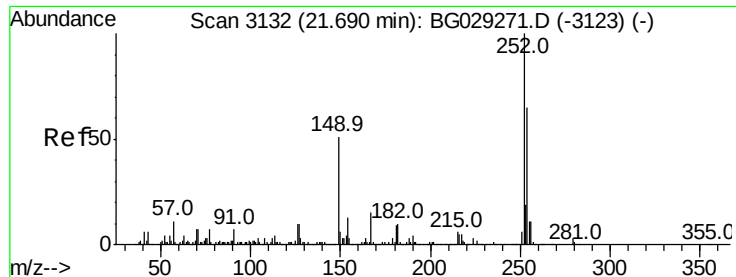
Tot Ion	Ratio	Lower	Upper
149	100		
91	64.8	62.2	93.2
206	24.8	18.6	27.8



#80
 Benzo(a)anthracene
 Concen: 43.049 ng
 RT: 21.77 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.7	34.1
229	21.1	16.2	24.2

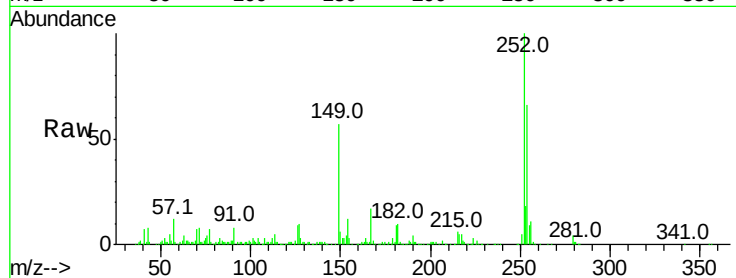




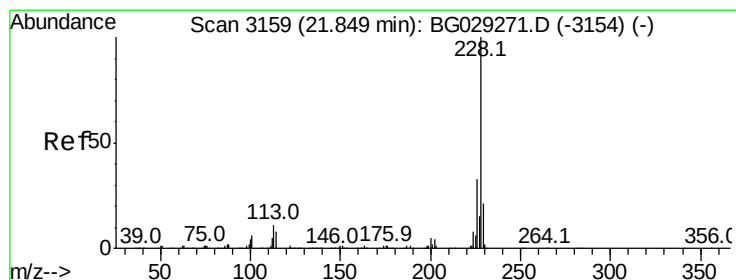
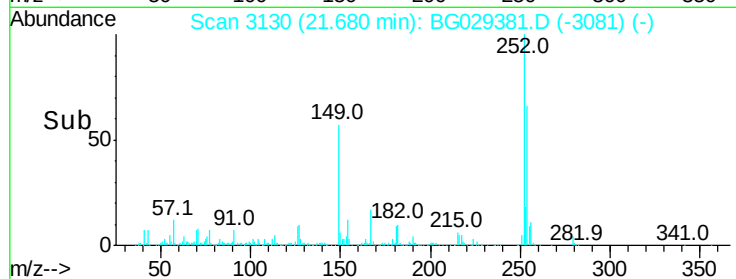
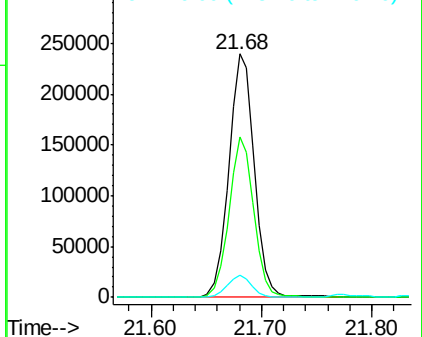
#81
 3,3'-Dichlorobenzidine
 Concen: 31.488 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 386580
 Ion Ratio Lower Upper
 252 100
 254 66.1 50.8 76.2
 126 9.0 7.4 11.2

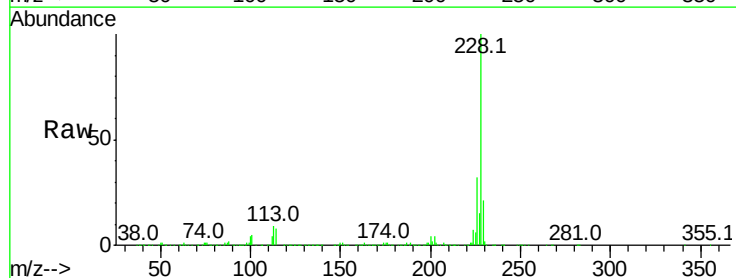


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

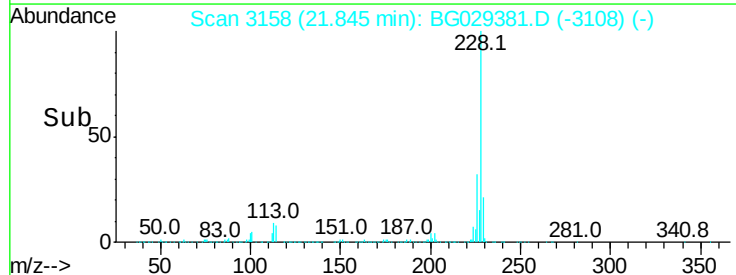
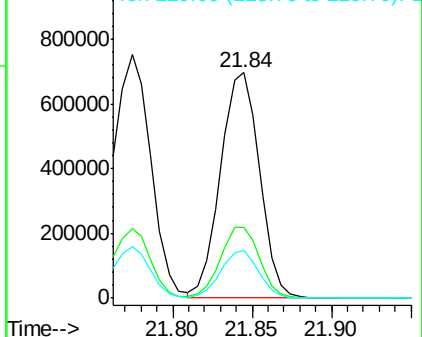


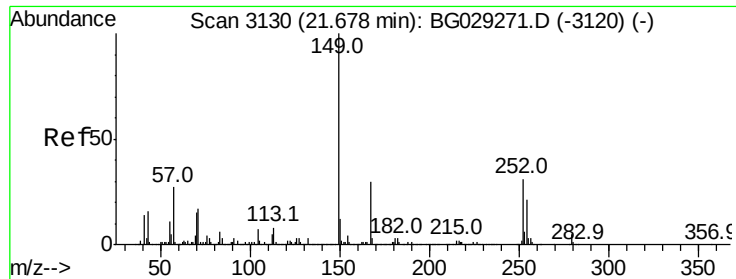
#82
 Chrysene
 Concen: 41.415 ng
 RT: 21.84 min Scan# 3158
 Delta R.T. -0.00 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Tgt Ion:228 Resp: 1179740
 Ion Ratio Lower Upper
 228 100
 226 31.6 24.9 37.3
 229 21.1 15.0 22.4



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

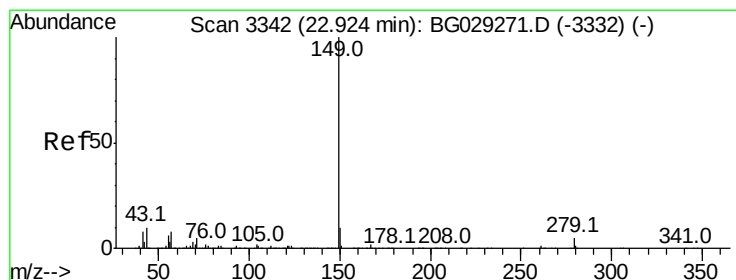
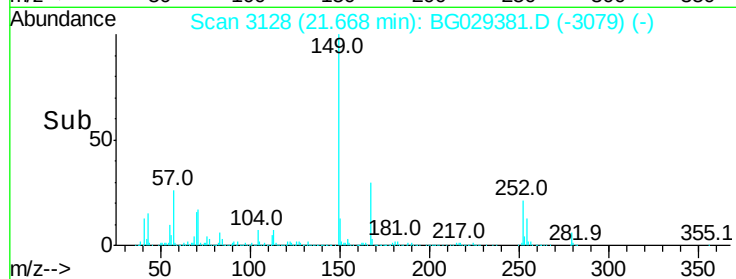
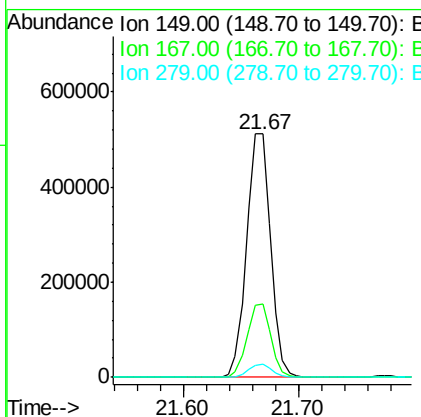
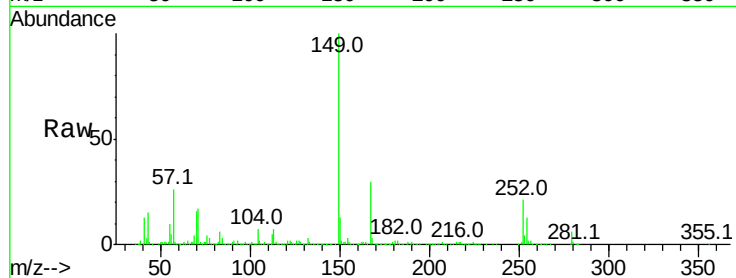




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.390 ng
 RT: 21.67 min Scan# 3128
 Delta R.T. -0.01 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

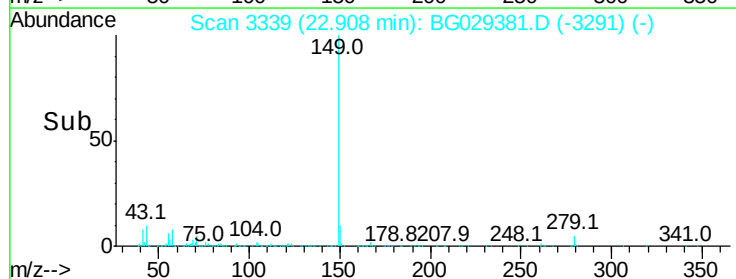
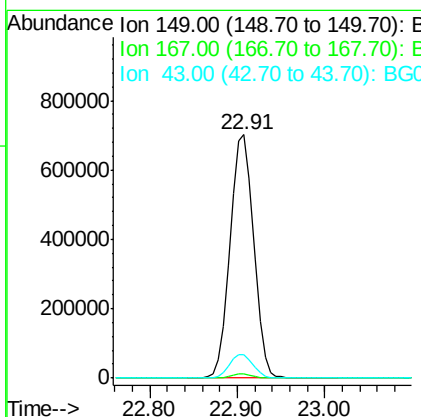
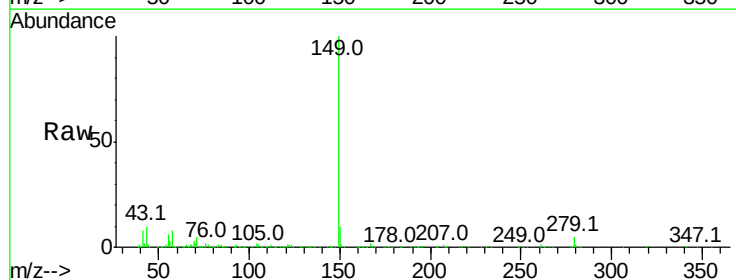
Instrument :
 BNA_G
 ClientSampleId :

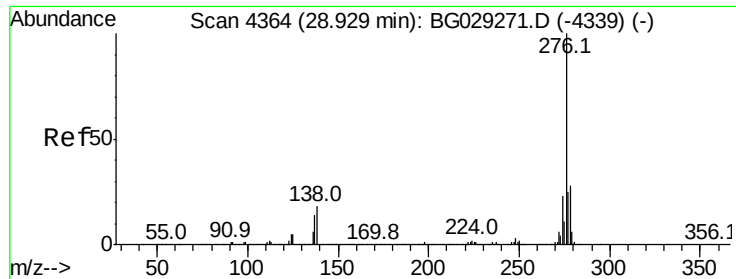
Tot Ion	Ratio	Lower	Upper
149	100		
167	30.2	24.3	36.5
279	5.6	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 39.113 ng
 RT: 22.91 min Scan# 3339
 Delta R.T. -0.02 min
 Lab File: BG029381.D
 Acq: 20 Oct 2017 20:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	9.8	8.9	13.3

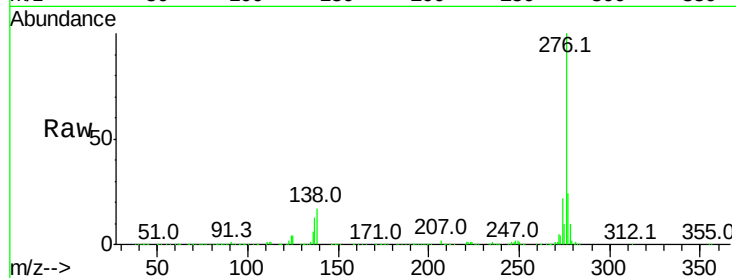




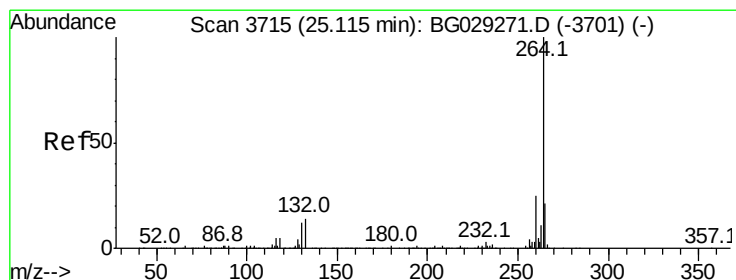
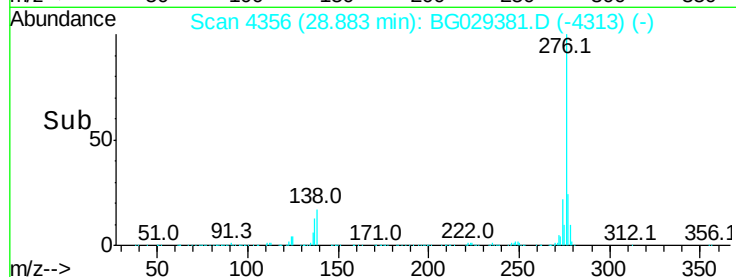
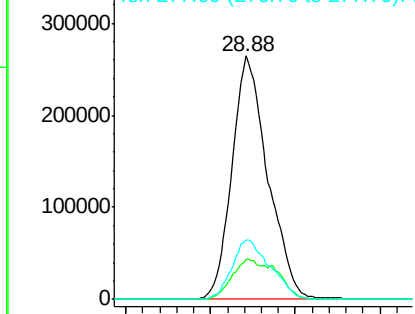
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.183 ng
RT: 28.88 min Scan# 4356
Delta R.T. -0.04 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:276 Resp: 1548385
Ion Ratio Lower Upper
276 100
138 15.0 16.0 24.0#
277 26.3 20.0 30.0

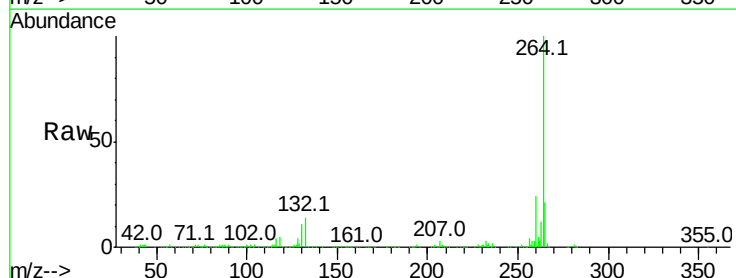


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

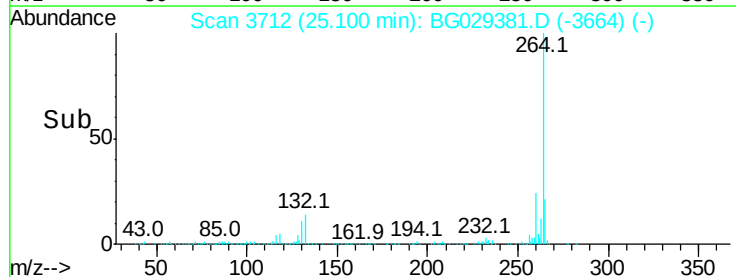
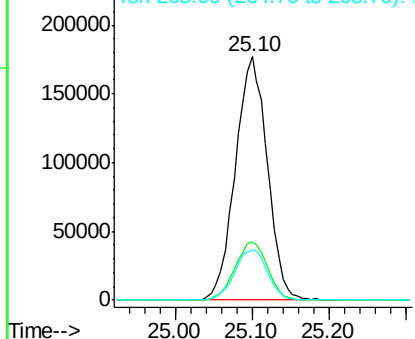


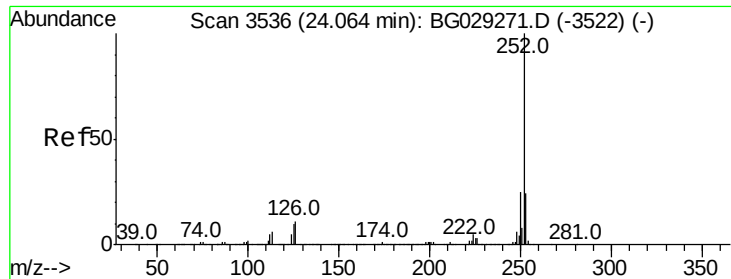
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.02 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Tgt Ion:264 Resp: 513672
Ion Ratio Lower Upper
264 100
260 23.7 17.4 26.0
265 20.7 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

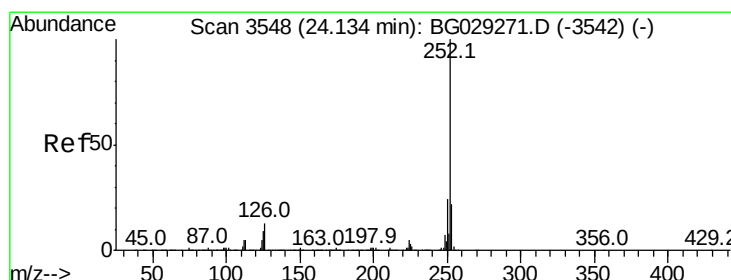
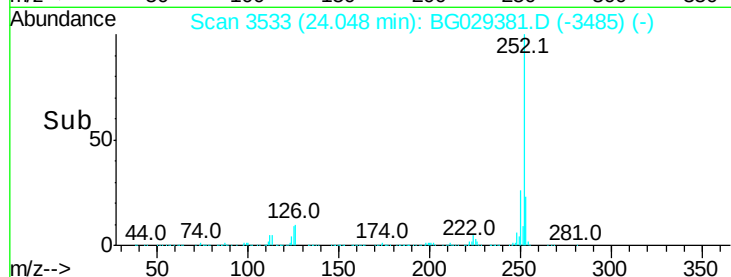
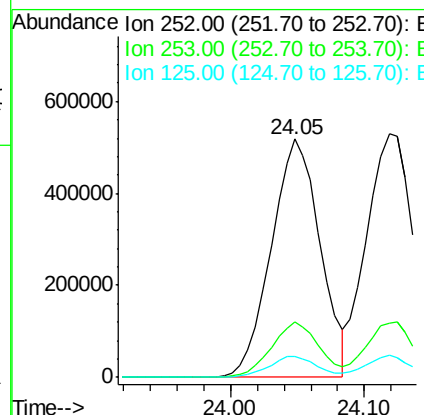
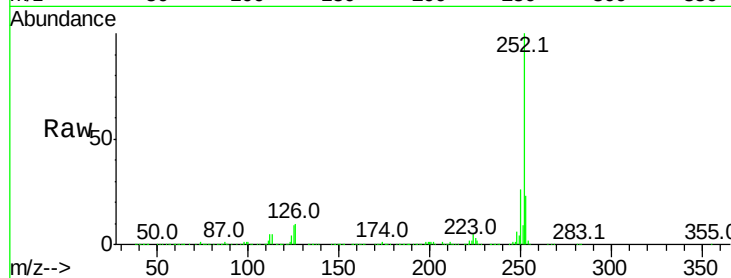




#87
Benzo(b)fluoranthene
Concen: 44.692 ng
RT: 24.05 min Scan# 3533
Delta R.T. -0.02 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

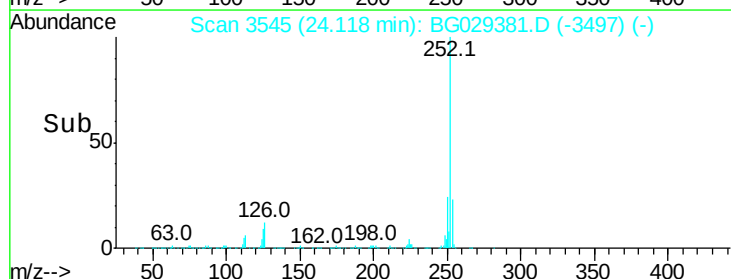
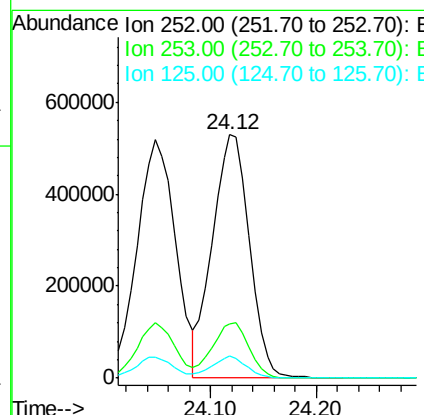
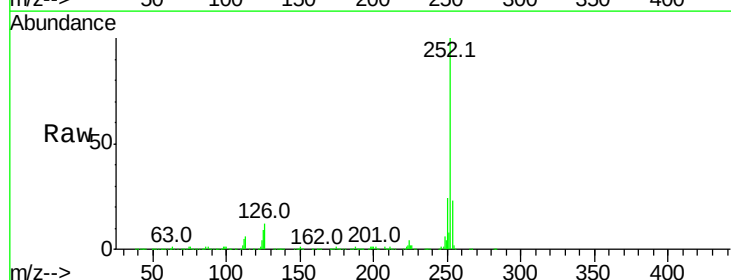
Instrument :
BNA_G
ClientSampleId :

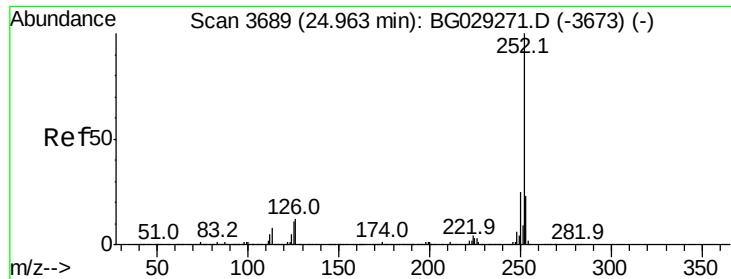
Tot Ion:252 Resp: 1314298
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.4
125 8.7 7.2 10.8



#88
Benzo(k)fluoranthene
Concen: 43.925 ng
RT: 24.12 min Scan# 3545
Delta R.T. -0.02 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Tgt Ion:252 Resp: 1286921
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 8.9 6.6 9.8

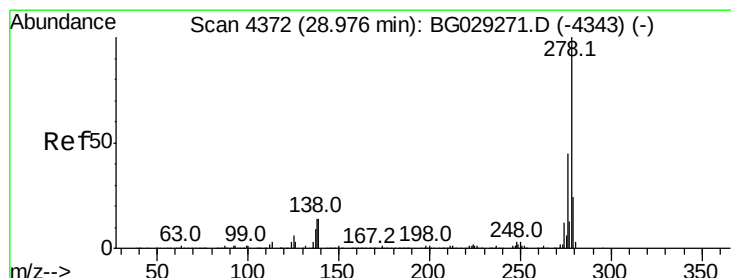
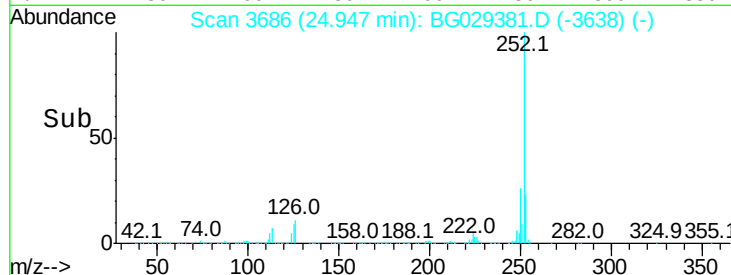
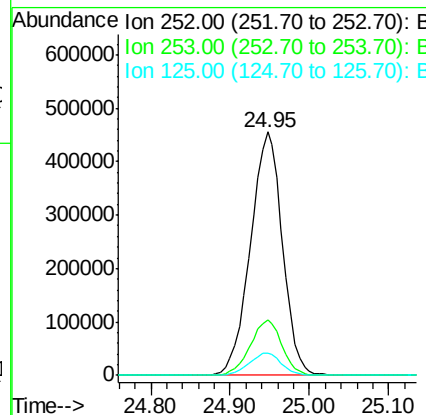
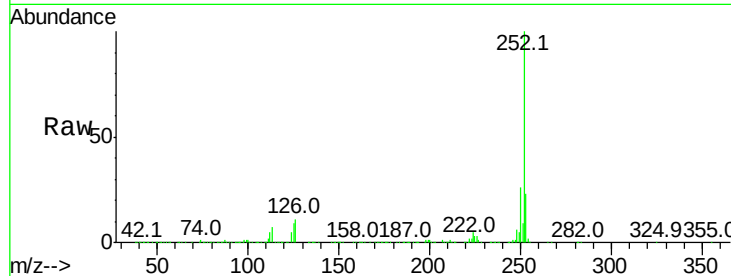




#89
Benzo(a)pyrene
Concen: 45.101 ng
RT: 24.95 min Scan# 3686
Delta R.T. -0.02 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

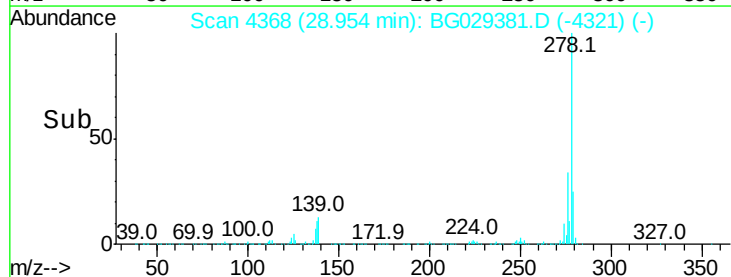
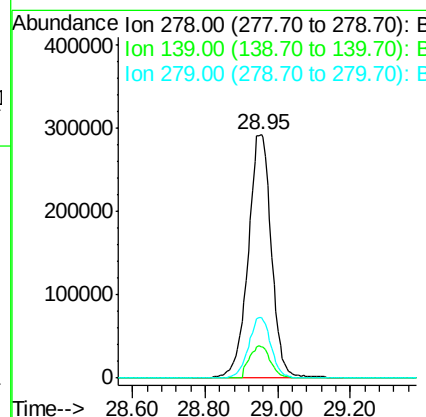
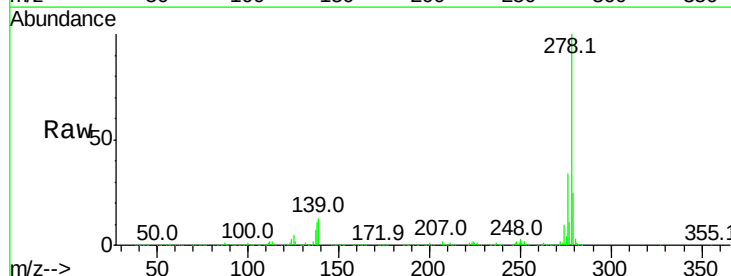
Instrument :
BNA_G
ClientSampleId :

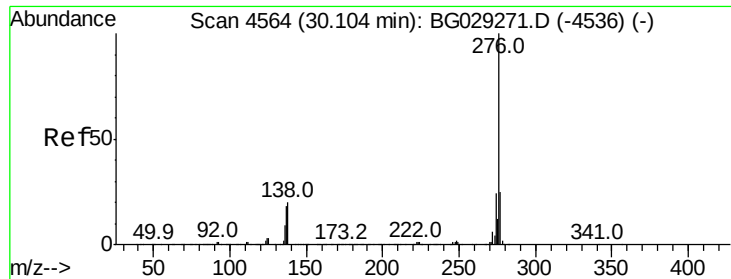
Tot Ion:252 Resp: 1275087
Ion Ratio Lower Upper
252 100
253 22.9 18.3 27.5
125 9.2 7.3 10.9



#90
Dibenzo(a,h)anthracene
Concen: 45.375 ng
RT: 28.95 min Scan# 4368
Delta R.T. -0.02 min
Lab File: BG029381.D
Acq: 20 Oct 2017 20:46

Tgt Ion:278 Resp: 1298716
Ion Ratio Lower Upper
278 100
139 13.0 9.8 14.6
279 24.8 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 48.766 ng

RT: 30.08 min Scan# 4559

Delta R.T. -0.03 min

Lab File: BG029381.D

Acq: 20 Oct 2017 20:46

Instrument :

BNA_G

ClientSampleId :

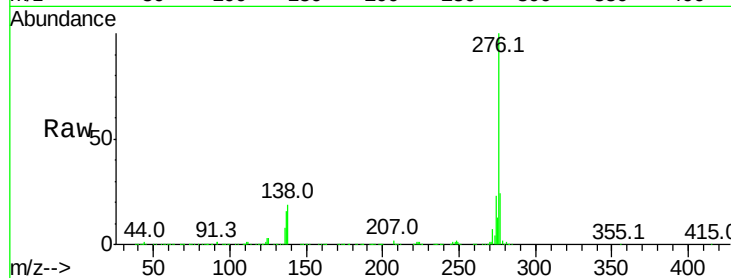
Tot Ion:276 Resp: 1296886

Ion Ratio Lower Upper

276 100

277 24.1 18.3 27.5

138 18.5 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

