

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
 Data File : BG038929.D
 Acq On : 4 Jan 2019 14:35
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 04 15:33:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	25586	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	112335	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	78914	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	192003	20.00	ng	0.00
76) Chrysene-d12	21.72	240	193423	20.00	ng	0.00
87) Perylene-d12	25.01	264	206896	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	110275	76.44	ng	0.00
7) Phenol-d6	7.20	99	163088	82.35	ng	0.00
23) Nitrobenzene-d5	9.22	82	162497	73.90	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	94883	87.24	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	446599	77.64	ng	-0.02
79) Terphenyl-d14	20.04	244	674119	75.85	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.48	88	22149	32.990	ng	98
3) Pyridine	3.88	79	61971	33.525	ng	97
4) n-Nitrosodimethylamine	3.81	42	30933	34.153	ng	# 97
6) Aniline	7.37	93	98053	38.786	ng	99
8) 2-Chlorophenol	7.61	128	66912	40.082	ng	94
9) Benzaldehyde	7.19	77	46547	36.232	ng	98
10) Phenol	7.23	94	86168	40.956	ng	98
11) bis(2-Chloroethyl)ether	7.46	93	61856	36.927	ng	93
12) 1,3-Dichlorobenzene	7.93	146	77296	39.160	ng	99
13) 1,4-Dichlorobenzene	8.08	146	78125	38.646	ng	99
14) 1,2-Dichlorobenzene	8.40	146	75985	39.871	ng	99
15) Benzyl Alcohol	8.29	79	66801	43.216	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.57	45	125867	32.802	ng	97
17) 2-Methylphenol	8.49	107	59357	42.109	ng	94
18) Hexachloroethane	9.13	117	27318	36.981	ng	# 81
19) n-Nitroso-di-n-propylamine	8.85	70	55931	40.212	ng	93
20) 3+4-Methylphenols	8.82	107	82234	42.242	ng	96
22) Acetophenone	8.88	105	108189	38.558	ng	96
24) Nitrobenzene	9.27	77	80787	36.318	ng	96
25) Isophorone	9.78	82	139831	35.393	ng	99
26) 2-Nitrophenol	9.98	139	43900	38.559	ng	# 93
27) 2,4-Dimethylphenol	10.02	122	61926	37.952	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	83736	37.557	ng	97
29) 2,4-Dichlorophenol	10.51	162	81361	44.821	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	90300	41.183	ng	98
31) Naphthalene	10.92	128	217503	39.297	ng	98
32) Benzoic acid	10.17	122	22205	27.052	ng	89
33) 4-Chloroaniline	11.03	127	99696	41.489	ng	93
34) Hexachlorobutadiene	11.18	225	61709	41.593	ng	97
35) Caprolactam	11.83	113	27735	36.920	ng	93
36) 4-Chloro-3-methylphenol	12.15	107	82967	40.052	ng	90
37) 2-Methylnaphthalene	12.52	142	161886	40.998	ng	98
38) 1-Methylnaphthalene	12.73	142	156312	40.795	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	119521	40.519	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	66354	40.944	ng	96
43) 2,4,6-Trichlorophenol	13.12	196	75383	41.563	ng	98
44) 2,4,5-Trichlorophenol	13.20	196	79184	41.235	ng	97
46) 1,1'-Biphenyl	13.52	154	253813	38.366	ng	99
47) 2-Chloronaphthalene	13.57	162	196225	38.399	ng	98
48) 2-Nitroaniline	13.78	65	58128	35.712	ng	# 85
49) Acenaphthylene	14.41	152	291815	38.198	ng	99
50) Dimethylphthalate	14.14	163	249683	38.744	ng	100
51) 2,6-Dinitrotoluene	14.27	165	56979	39.016	ng	89
52) Acenaphthene	14.75	154	175264	38.367	ng	98
53) 3-Nitroaniline	14.61	138	56945	38.251	ng	99
54) 2,4-Dinitrophenol	14.81	184	28263	35.600	ng	96
55) Dibenzofuran	15.08	168	310749	39.684	ng	96
56) 4-Nitrophenol	14.91	139	39594	35.058	ng	99
57) 2,4-Dinitrotoluene	15.06	165	78515	38.171	ng	89
58) Fluorene	15.73	166	229224	39.511	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	72958	42.229	ng	96
60) Diethylphthalate	15.49	149	263728	37.279	ng	99
61) 4-Chlorophenyl-phenylether	15.72	204	145340	40.152	ng	98
62) 4-Nitroaniline	15.77	138	56602	36.931	ng	97
63) Azobenzene	16.01	77	207547	35.118	ng	96
65) 4,6-Dinitro-2-methylphenol	15.82	198	47208	34.467	ng	84
66) n-Nitrosodiphenylamine	15.93	169	224543	39.802	ng	99
67) 4-Bromophenyl-phenylether	16.61	248	96215	41.031	ng	97
68) Hexachlorobenzene	16.73	284	102598	42.208	ng	98
69) Atrazine	16.88	200	76233	36.412	ng	98
70) Pentachlorophenol	17.08	266	60180	41.857	ng	94
71) Phenanthrene	17.47	178	386646	38.833	ng	99
72) Anthracene	17.57	178	386947	39.367	ng	100
73) Carbazole	17.84	167	371120	38.177	ng	100
74) Di-n-butylphthalate	18.37	149	412653	36.995	ng	99
75) Fluoranthene	19.48	202	466256	37.848	ng	97
77) Benzidine	19.67	184	171388	29.961	ng	100
78) Pyrene	19.85	202	479801	37.549	ng	100
80) Butylbenzylphthalate	20.71	149	185959	37.250	ng	97
81) Benzo(a)anthracene	21.69	228	450722	38.241	ng	99
82) 3,3'-Dichlorobenzidine	21.61	252	177831	38.043	ng	98
83) Chrysene	21.76	228	433423	38.179	ng	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	261757	36.969	ng	97
85) Di-n-octyl phthalate	22.79	149	432047	36.436	ng	97
86) Indeno(1,2,3-cd)pyrene	28.78	276	501026	37.540	ng	# 93
88) Benzo(b)fluoranthene	24.03	252	446138	39.275	ng	97
89) Benzo(k)fluoranthene	24.03	252	446138	39.441	ng	96
90) Benzo(a)pyrene	24.85	252	432728	39.487	ng	98
91) Dibenzo(a,h)anthracene	28.84	278	423454	38.808	ng	# 96
92) Benzo(g,h,i)perylene	29.98	276	414515	38.548	ng	97

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

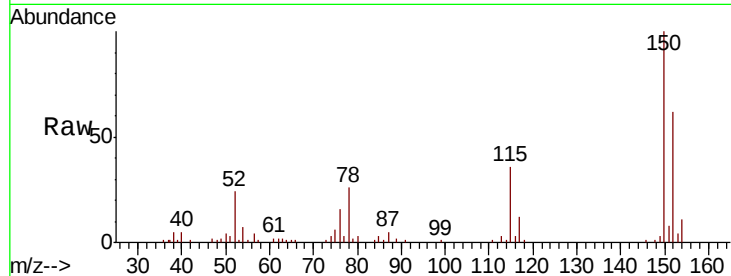


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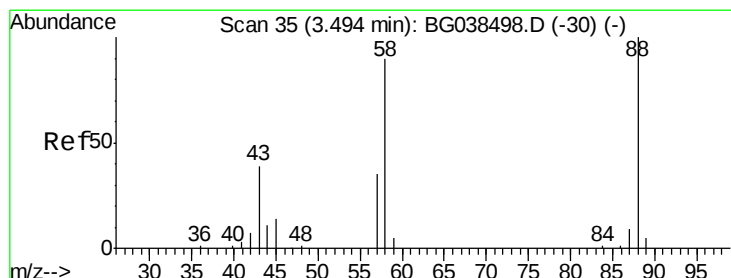
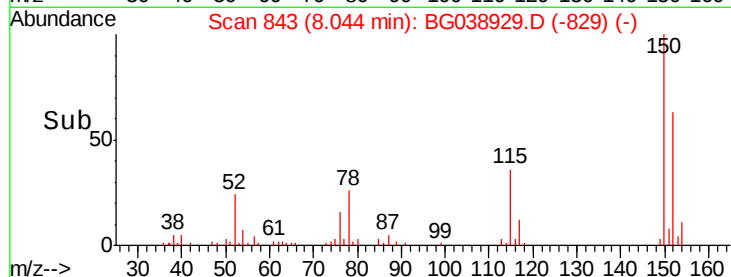
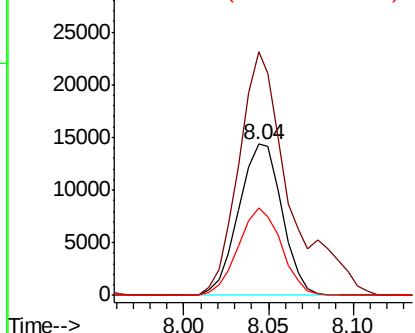
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.02 min
Lab File: BG038929.D
Acq: 4 Jan 2019 14:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 25586
Ion Ratio Lower Upper
152 100
150 161.2 119.5 179.3
115 58.2 49.6 74.4



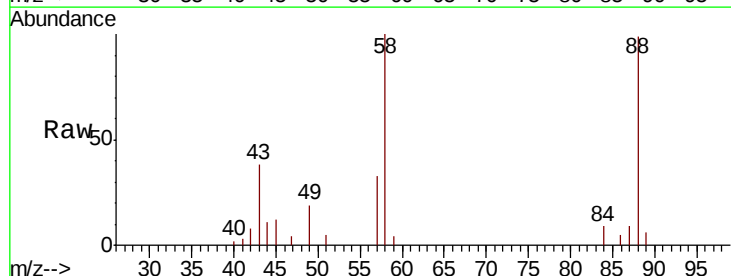
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



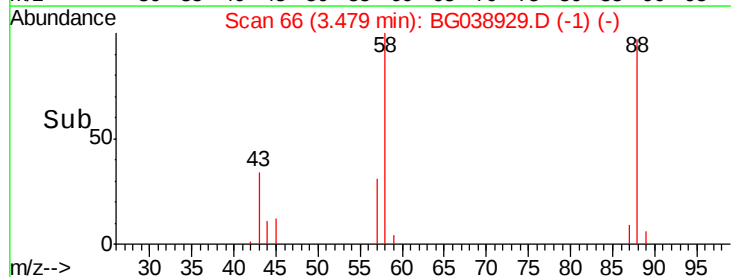
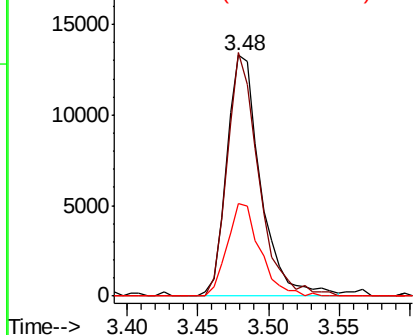
#2

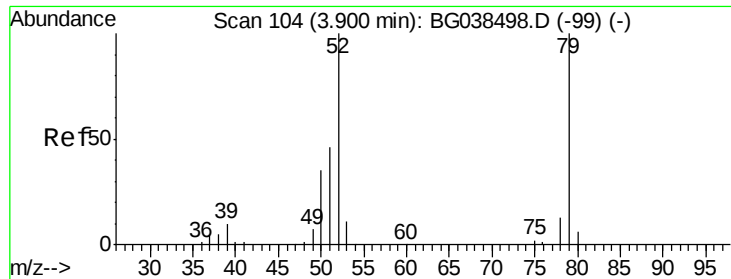
1,4-Dioxane
Concen: 32.990 ng
RT: 3.48 min Scan# 66
Delta R.T. -0.02 min
Lab File: BG038929.D
Acq: 4 Jan 2019 14:35

Tgt Ion: 88 Resp: 22149
Ion Ratio Lower Upper
88 100
58 93.7 75.7 113.5
43 37.3 31.6 47.4



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

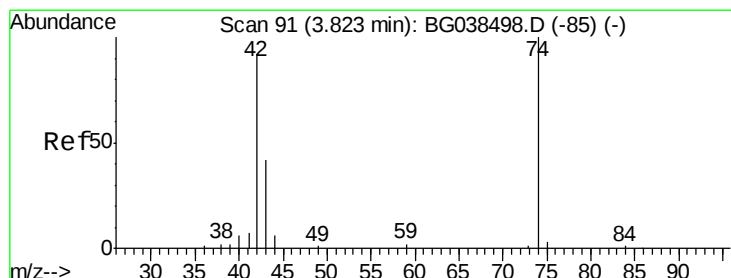
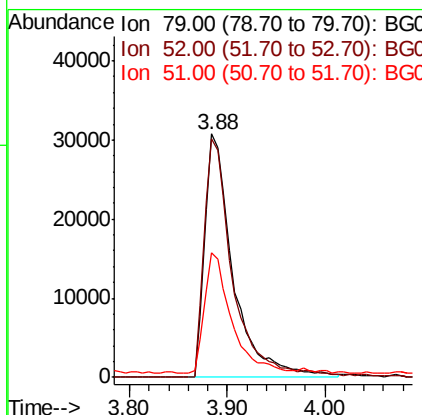
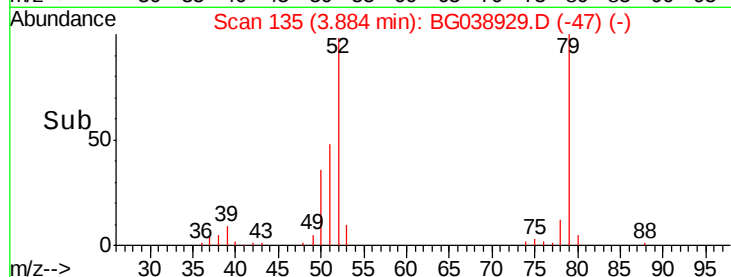
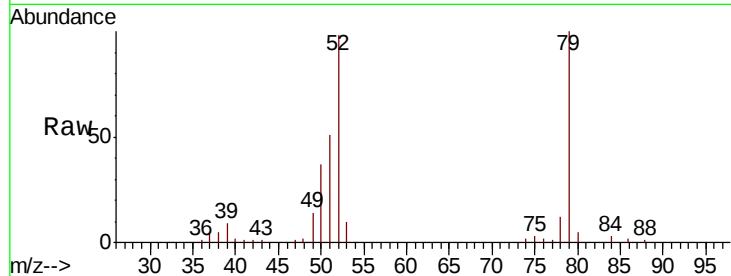




#3
 Pvridine
 Concen: 33.525 ng
 RT: 3.88 min Scan# 135
 Delta R.T. -0.02 min
 Lab File: BG038929.D
 Acq: 4 Jan 2019 14:35

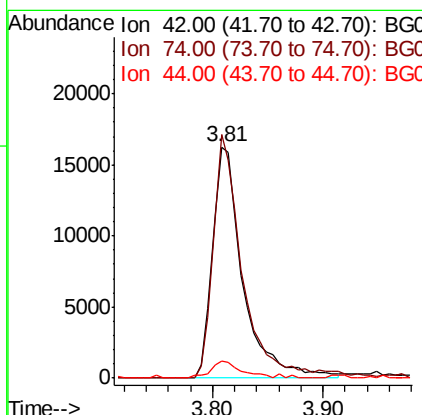
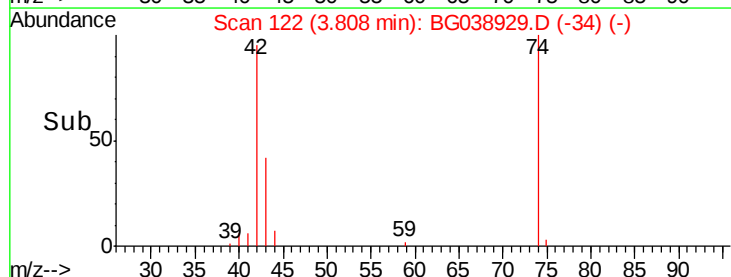
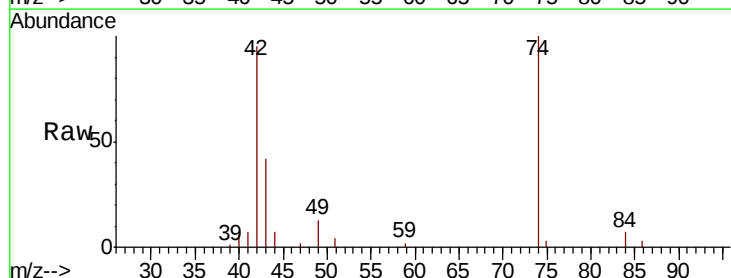
Instrument :
 BNA_G
 ClientSampleId :

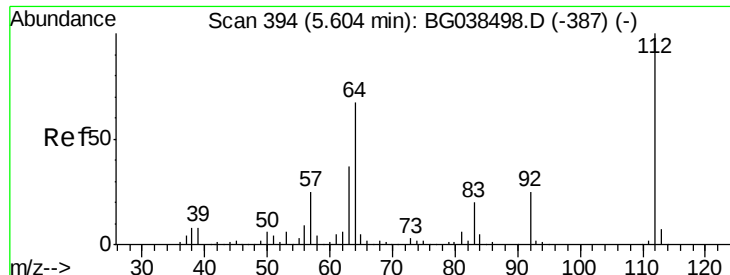
Tot Ion: 79 Resp: 61971
 Ion Ratio Lower Upper
 79 100
 52 97.9 80.2 120.2
 51 51.2 38.0 57.0



#4
 n-Nitrosodimethylamine
 Concen: 34.153 ng
 RT: 3.81 min Scan# 122
 Delta R.T. -0.02 min
 Lab File: BG038929.D
 Acq: 4 Jan 2019 14:35

Tgt Ion: 42 Resp: 30933
 Ion Ratio Lower Upper
 42 100
 74 105.5 86.7 130.1
 44 7.1 7.8 11.8#





#5

2-Fluorophenol

Concen: 76.444 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.00 min

Lab File: BG038929.D

Acq: 4 Jan 2019 14:35

Instrument :

BNA_G

ClientSampleId :

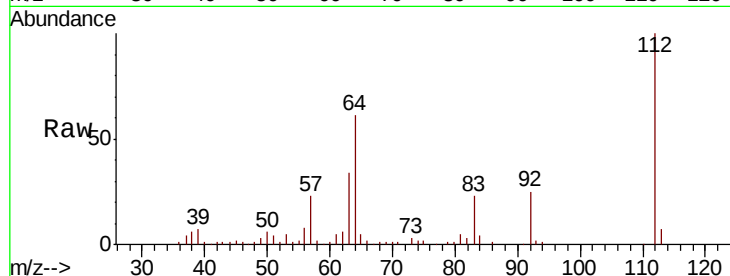
Tot Ion:112 Resp: 110275

Ion Ratio Lower Upper

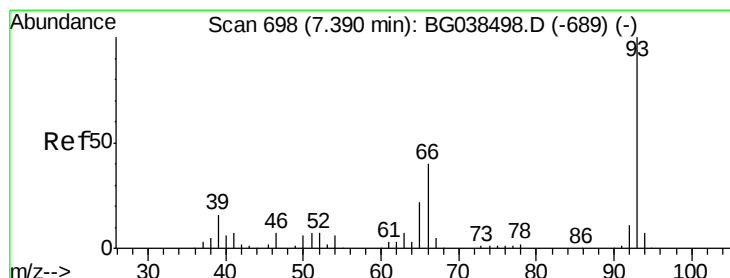
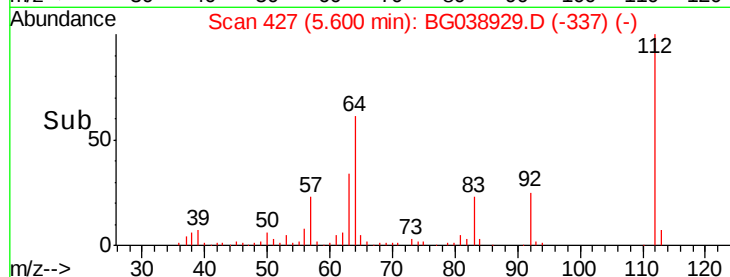
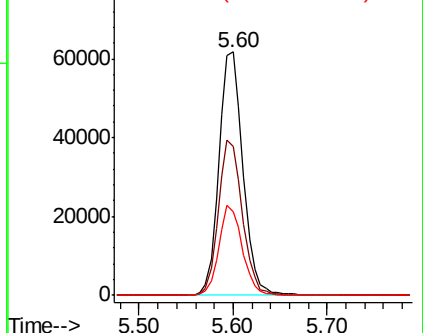
112 100

64 60.9 53.4 80.2

63 34.5 29.3 43.9



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: 38.786 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BG038929.D

Acq: 4 Jan 2019 14:35

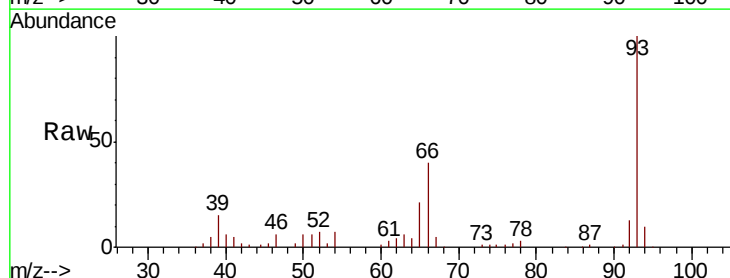
Tgt Ion: 93 Resp: 98053

Ion Ratio Lower Upper

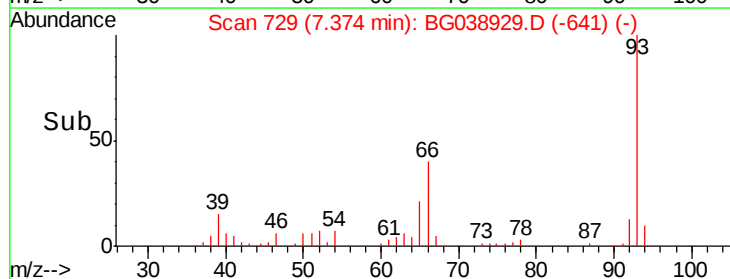
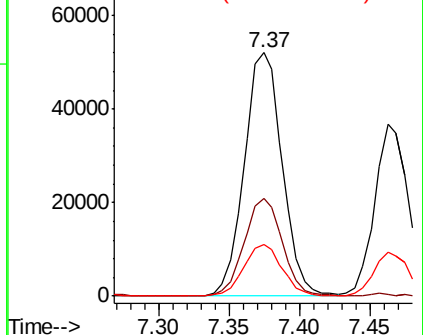
93 100

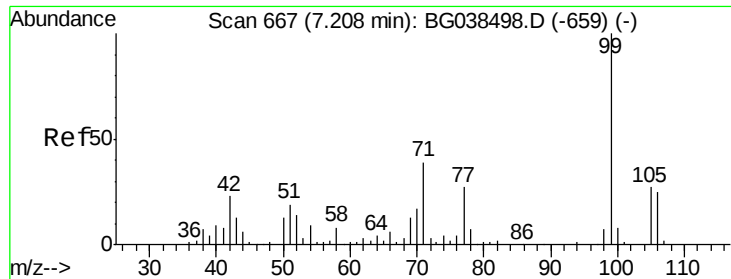
66 39.9 31.7 47.5

65 21.3 17.8 26.6



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





#7

Phenol-d6

Concen: 82.353 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038929.D

Acq: 4 Jan 2019 14:35

Instrument :

BNA_G

ClientSampleId :

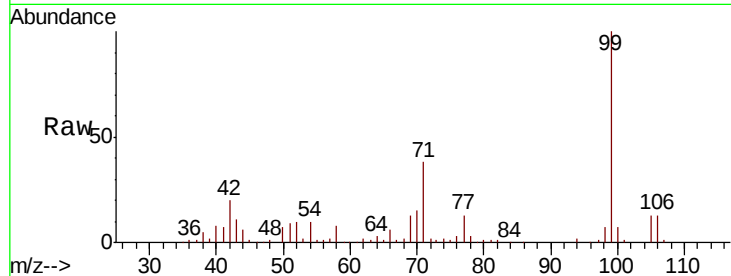
Tot Ion: 99 Resp: 163088

Ion Ratio Lower Upper

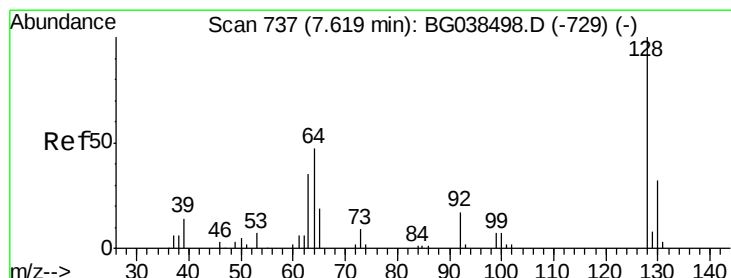
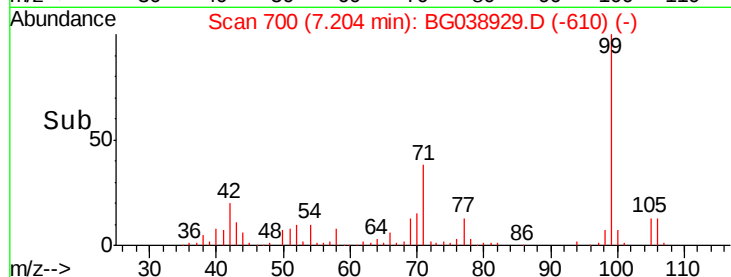
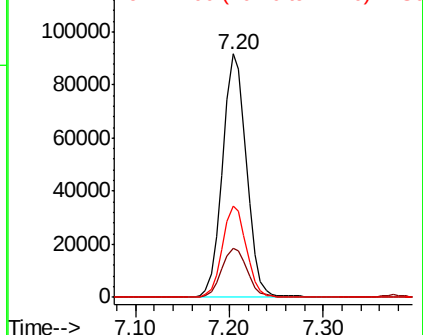
99 100

42 20.1 18.5 27.7

71 37.7 31.1 46.7



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: 40.082 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BG038929.D

Acq: 4 Jan 2019 14:35

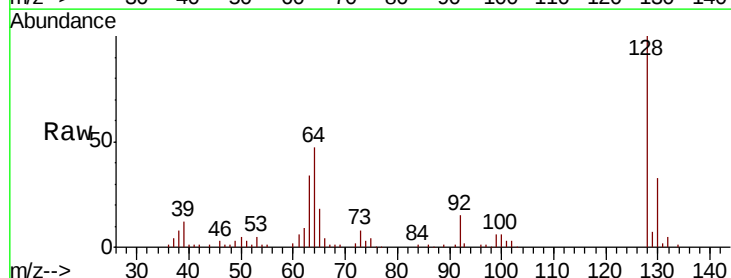
Tgt Ion: 128 Resp: 66912

Ion Ratio Lower Upper

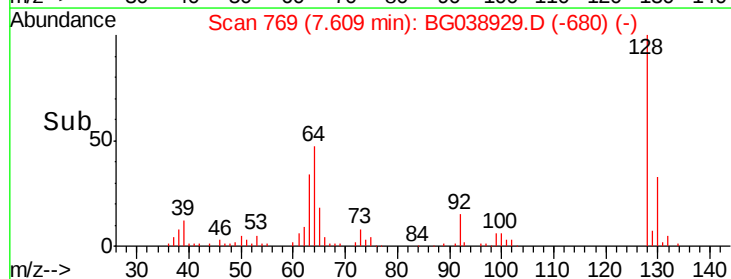
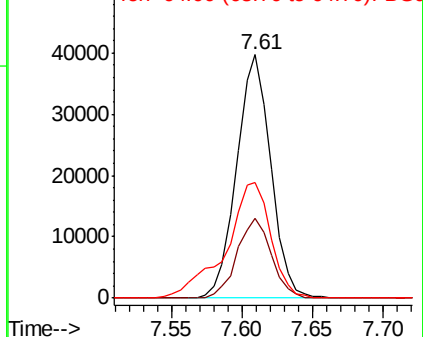
128 100

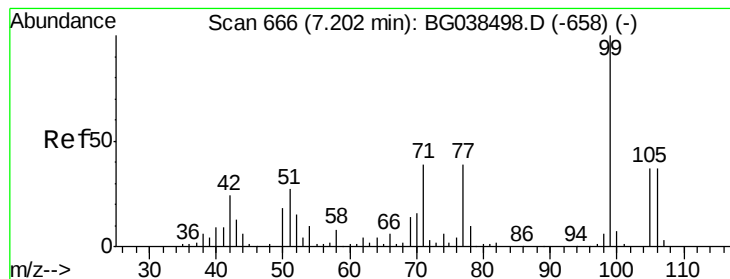
130 32.7 11.8 51.8

64 47.3 33.2 73.2



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





#9

Benzaldehyde

Concen: 36.232 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.02 min

Lab File: BG038929.D

Acq: 4 Jan 2019 14:35

Instrument :

BNA_G

ClientSampled :

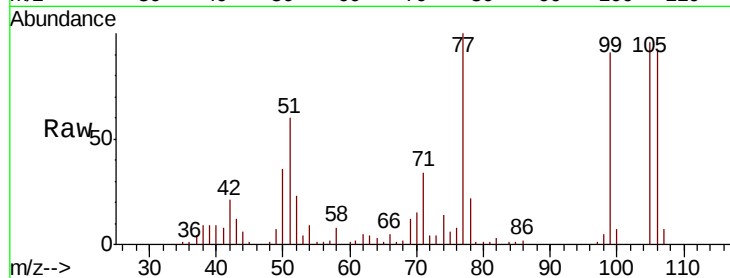
Tot Ion: 77 Resp: 46547

Ion Ratio Lower Upper

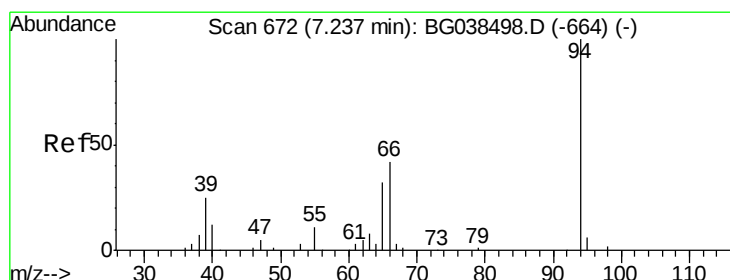
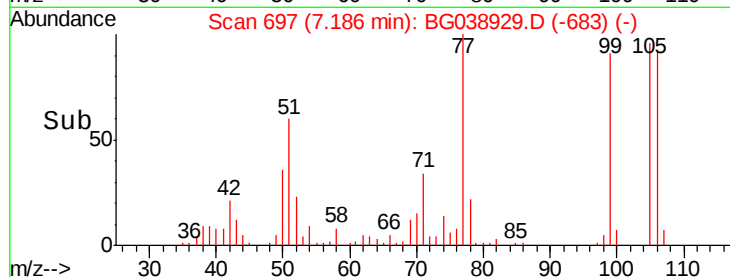
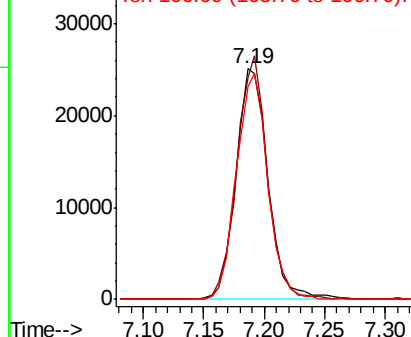
77 100

105 96.2 74.0 114.0

106 92.4 73.9 113.9



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: 40.956 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG038929.D

Acq: 4 Jan 2019 14:35

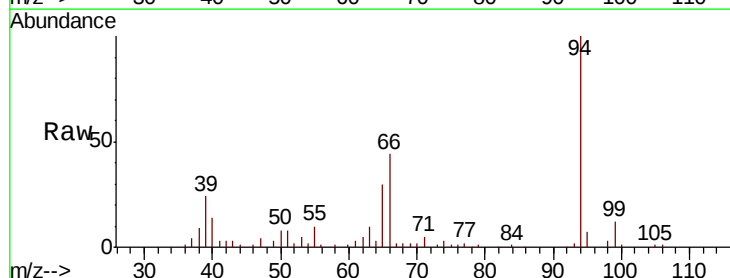
Tgt Ion: 94 Resp: 86168

Ion Ratio Lower Upper

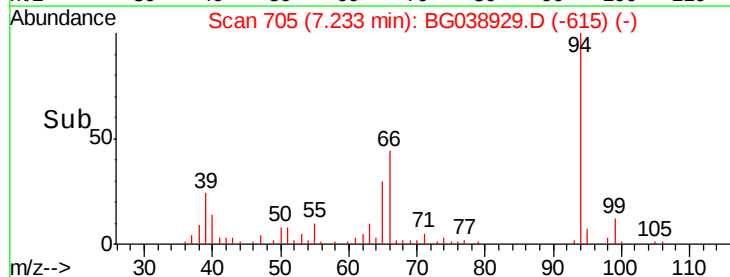
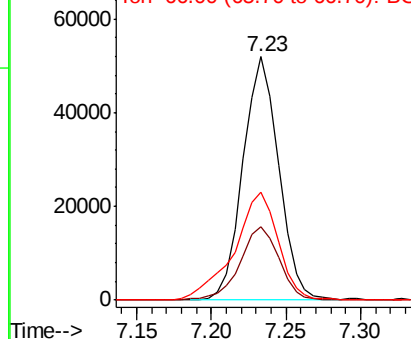
94 100

65 29.9 12.6 52.6

66 44.4 24.1 64.1



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

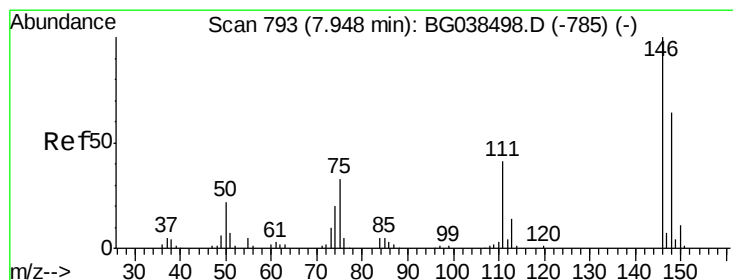
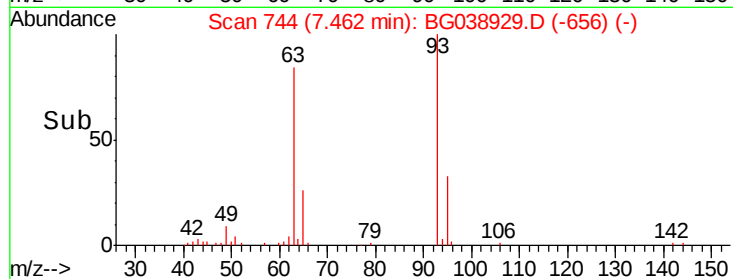
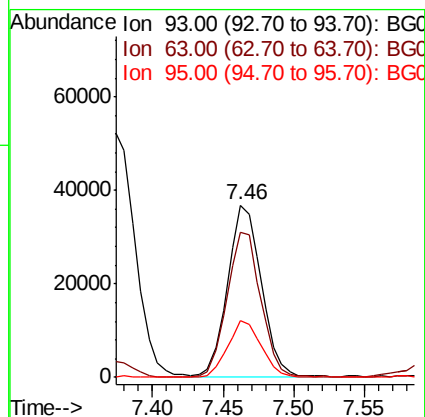
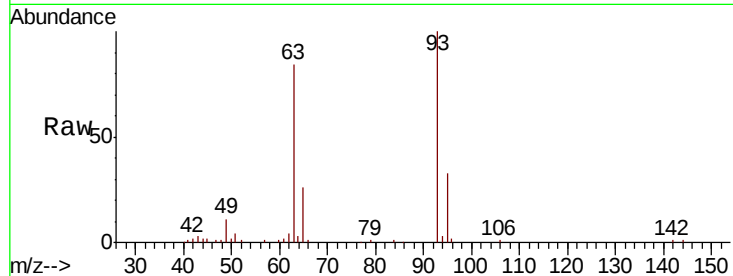




#11
 bis(2-Chloroethyl)ether
 Concen: 36.927 ng
 RT: 7.46 min Scan# 744
 Delta R.T. -0.02 min
 Lab File: BG038929.D
 Acq: 4 Jan 2019 14:35

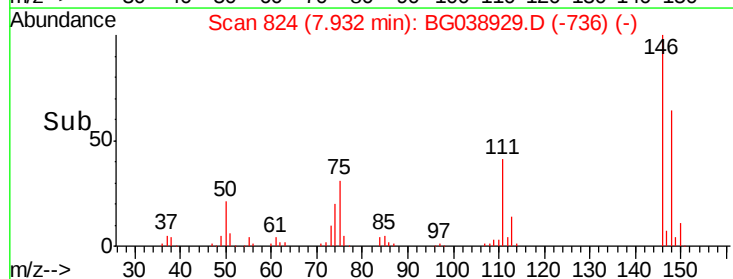
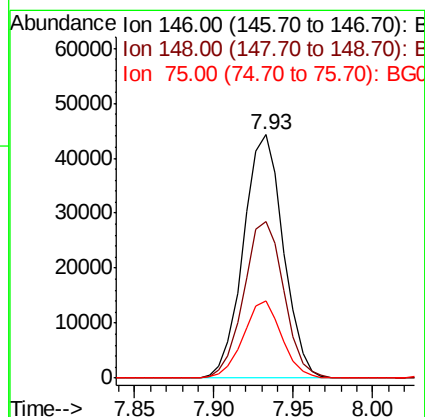
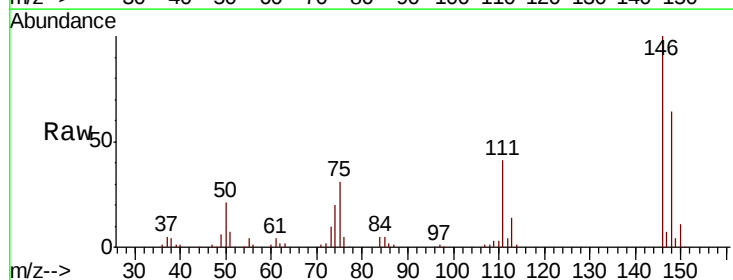
Instrument :
 BNA_G
 ClientSampleId :

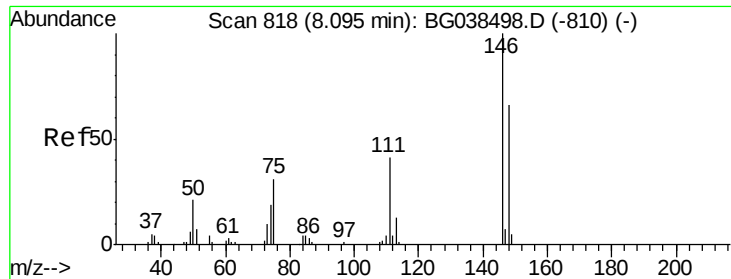
Tot Ion: 93 Resp: 61856
 Ion Ratio Lower Upper
 93 100
 63 84.1 72.2 112.2
 95 33.0 11.2 51.2



#12
 1,3-Dichlorobenzene
 Concen: 39.160 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BG038929.D
 Acq: 4 Jan 2019 14:35

Tgt Ion: 146 Resp: 77296
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.4 77.0
 75 31.5 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 38.646 ng

RT: 8.08 min Scan# 849

Delta R.T. -0.02 min

Lab File: BG038929.D

Acq: 4 Jan 2019 14:35

Instrument :

BNA_G

ClientSampleId :

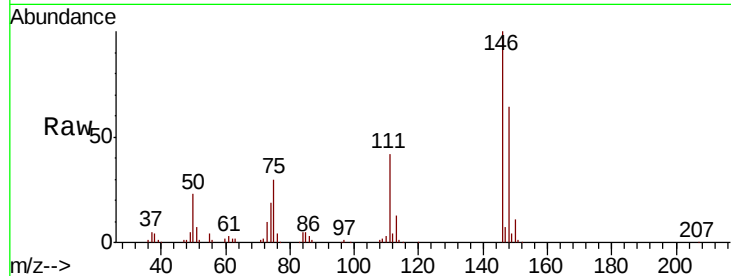
Tot Ion:146 Resp: 78125

Ion Ratio Lower Upper

146 100

148 64.0 52.4 78.6

111 41.5 33.0 49.4

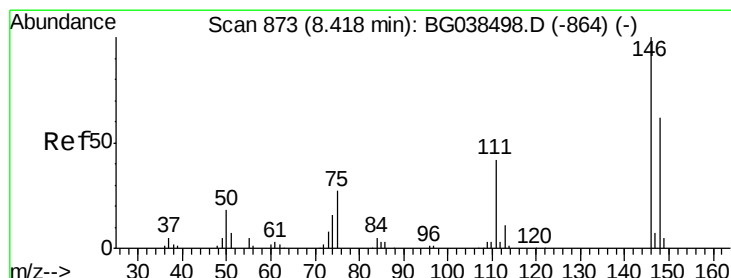
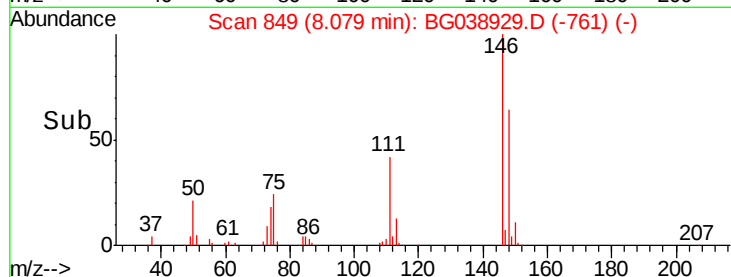
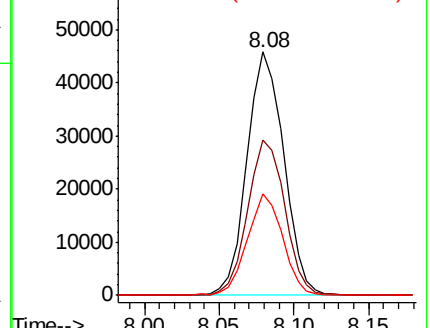


Abundance

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: 39.871 ng

RT: 8.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BG038929.D

Acq: 4 Jan 2019 14:35

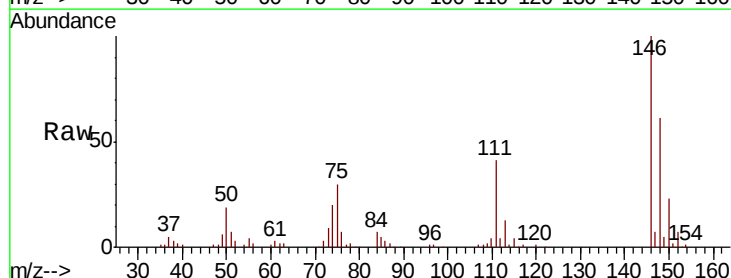
Tgt Ion:146 Resp: 75985

Ion Ratio Lower Upper

146 100

148 60.8 49.4 74.0

111 41.4 33.8 50.6

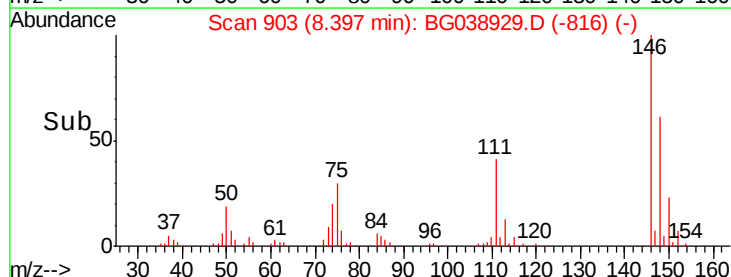
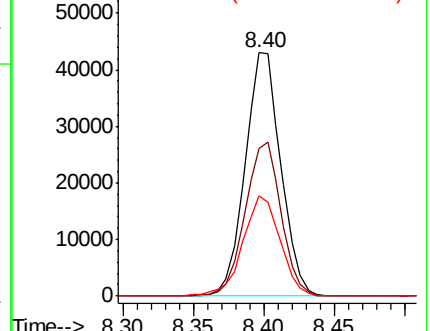


Abundance

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

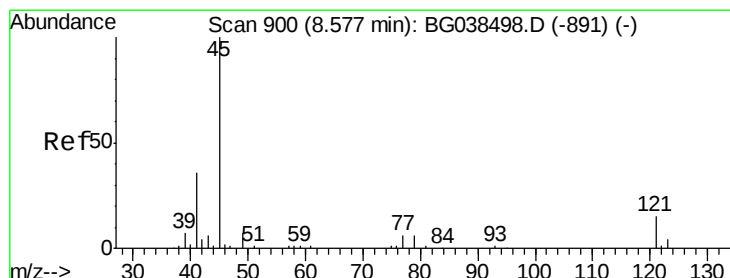
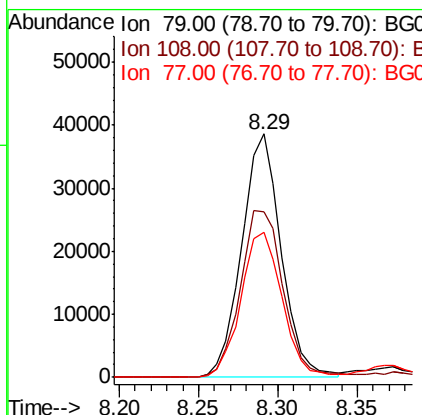
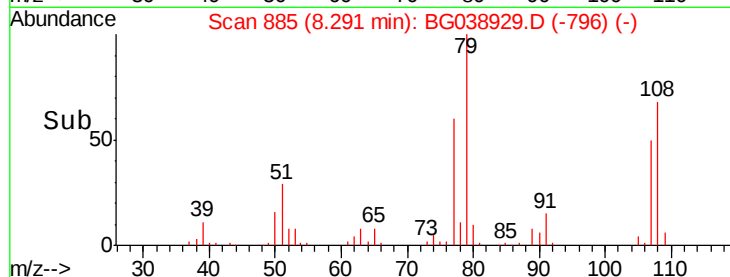
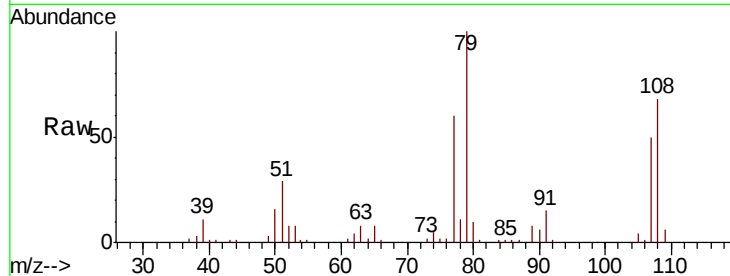




#15
Benzyl Alcohol
Concen: 43.216 ng
RT: 8.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BG038929.D
Acq: 4 Jan 2019 14:35

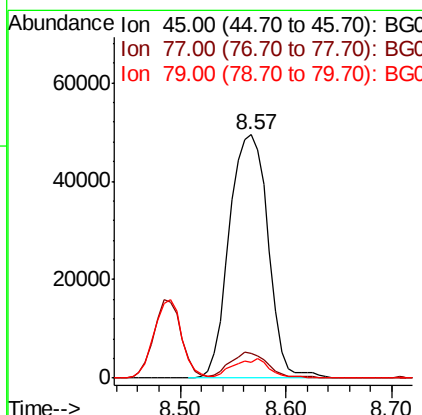
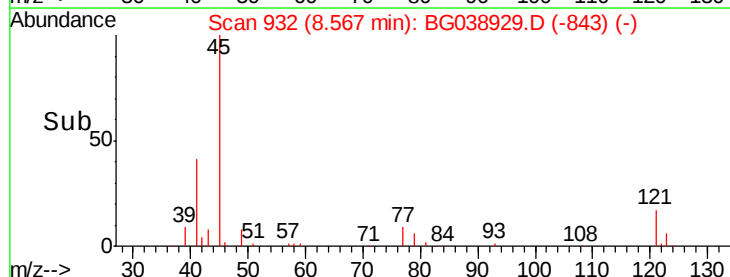
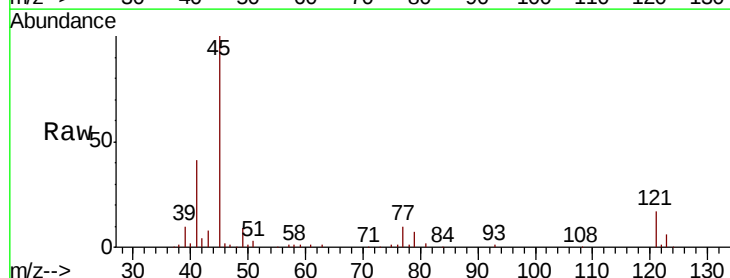
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 79 Resp: 66801
Ion Ratio Lower Upper
79 100
108 68.2 60.2 90.4
77 59.7 50.7 76.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 32.802 ng
RT: 8.57 min Scan# 932
Delta R.T. -0.01 min
Lab File: BG038929.D
Acq: 4 Jan 2019 14:35

Tgt Ion: 45 Resp: 125867
Ion Ratio Lower Upper
45 100
77 10.1 0.0 28.2
79 6.7 0.0 27.2

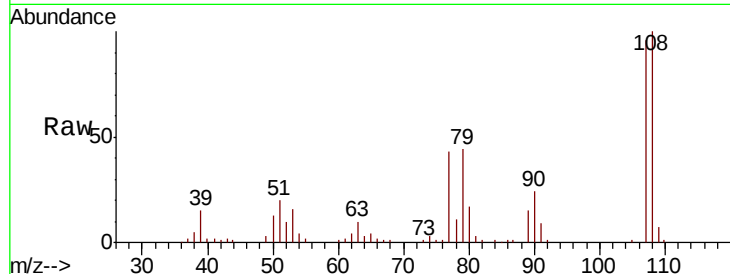




#17
2-Methylphenol
Concen: 42.109 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.00 min
Lab File: BG038929.D
Acq: 4 Jan 2019 14:35

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	104.2	87.1	130.7
77	44.5	42.0	63.0
79	45.7	38.2	57.2



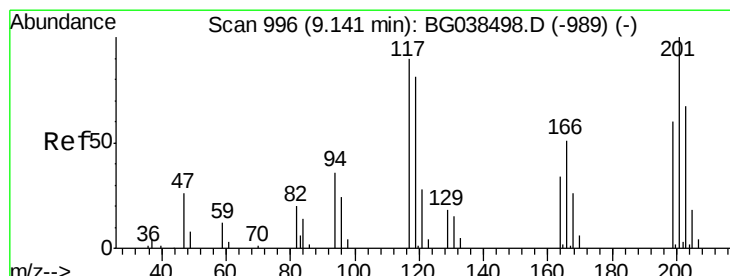
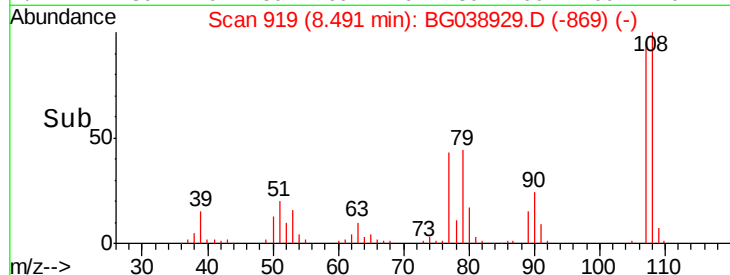
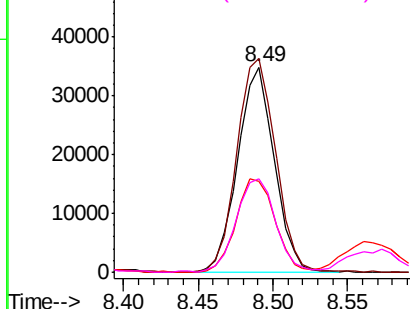
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

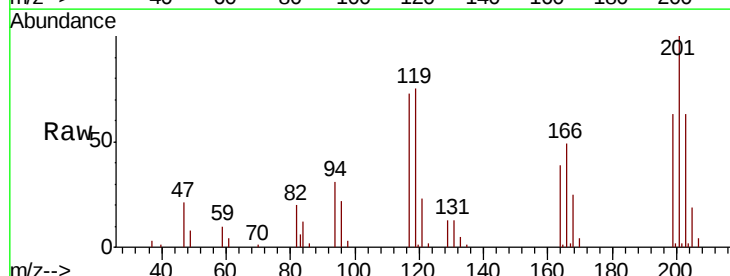
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 36.981 ng
RT: 9.13 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG038929.D
Acq: 4 Jan 2019 14:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	102.5	73.8	110.8
201	139.5	89.4	134.0

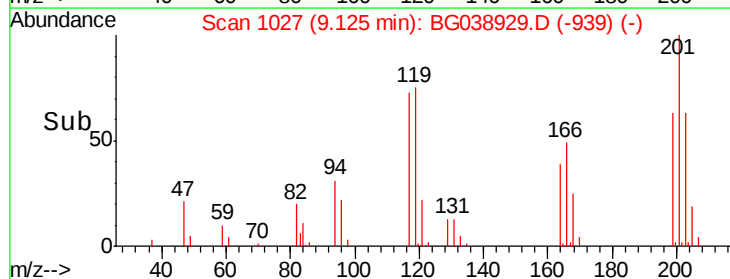
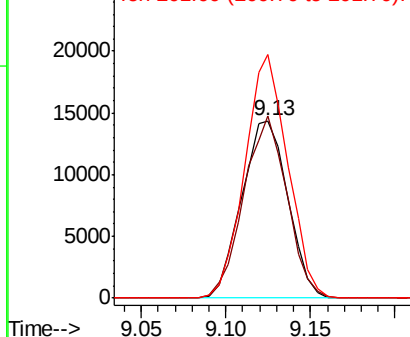


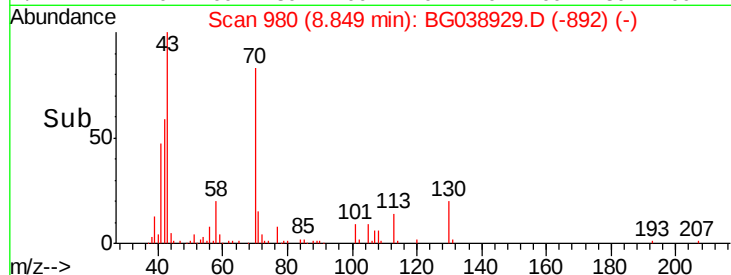
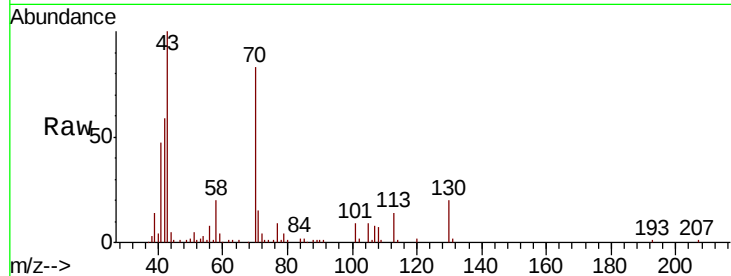
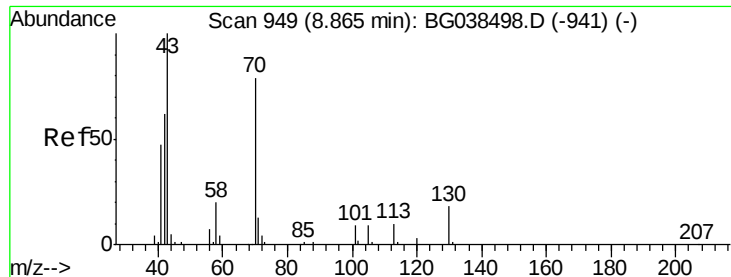
Abundance

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

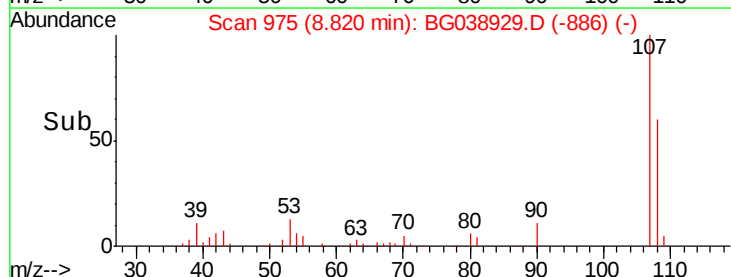
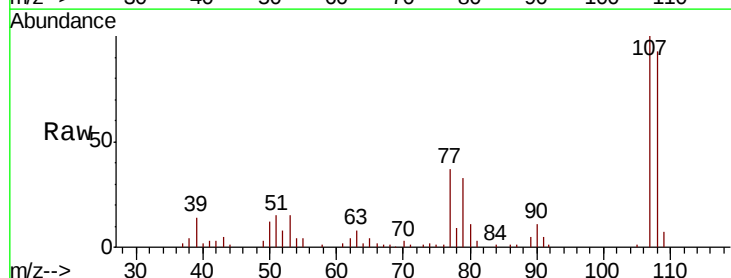
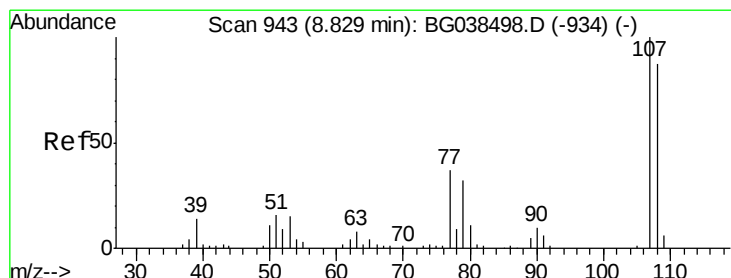
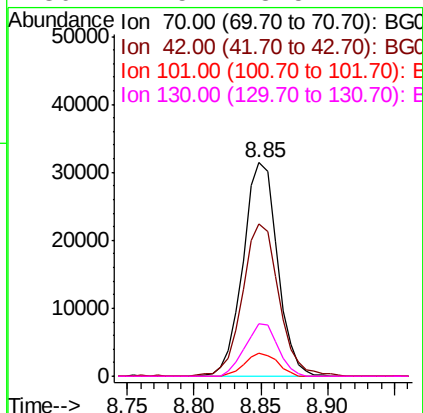




#19
n-Nitroso-di-n-propylamine
Concen: 40.212 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.02 min
Lab File: BG038929.D
Acq: 4 Jan 2019 14:35

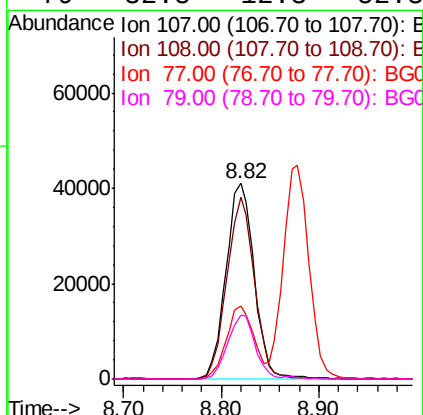
Instrument :
BNA_G
ClientSampled :

Tot Ion:	70	Resp:	55931
Ion	Ratio	Lower	Upper
70	100		
42	71.5	63.6	95.4
101	10.7	9.2	13.8
130	24.5	18.5	27.7



#20
3+4-Methylphenols
Concen: 42.242 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BG038929.D
Acq: 4 Jan 2019 14:35

Tgt Ion:	107	Resp:	82234
Ion	Ratio	Lower	Upper
107	100		
108	93.2	66.7	106.7
77	37.4	17.3	57.3
79	32.8	12.3	52.3

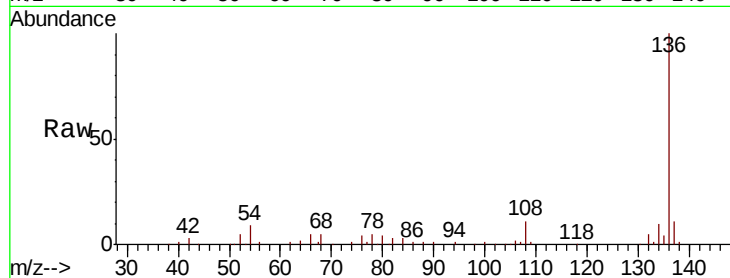




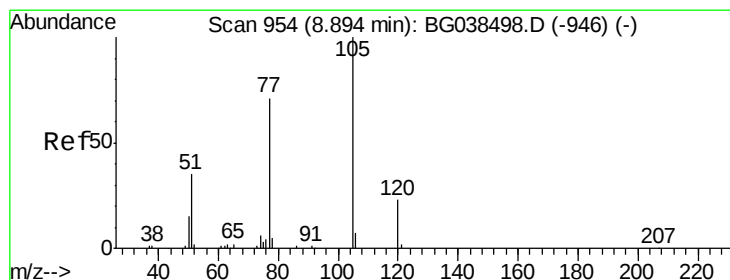
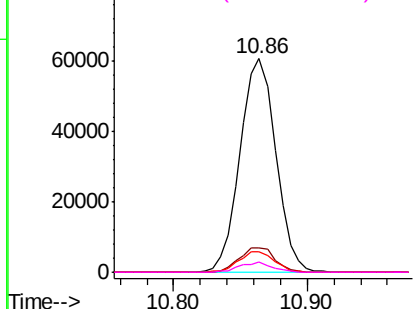
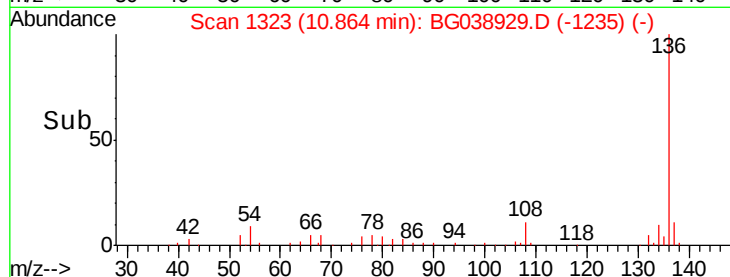
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG038929.D
Acq: 4 Jan 2019 14:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	112335
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.3 13.9
54	9.4	8.5 12.7
68	4.8	3.5 5.3

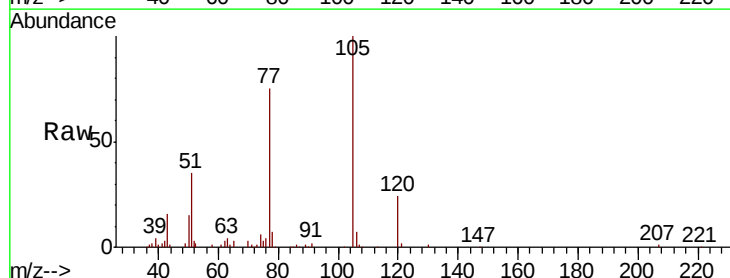


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

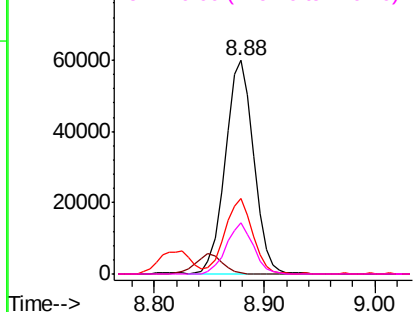
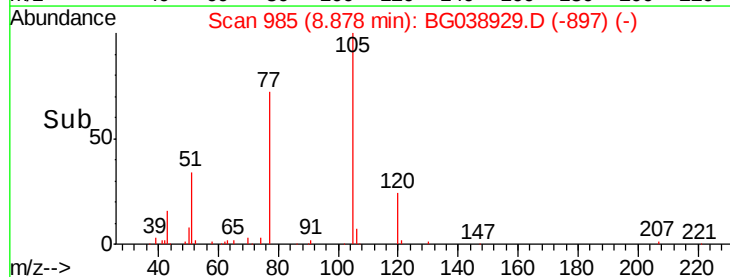


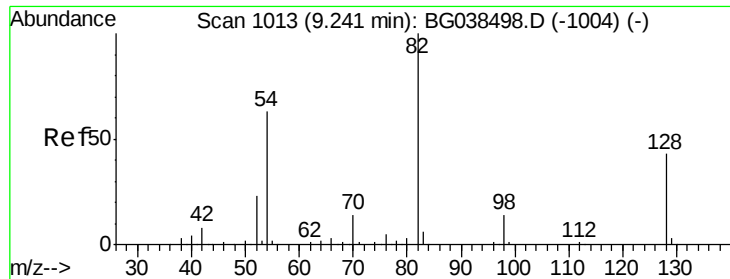
#22
Acetophenone
Concen: 38.558 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG038929.D
Acq: 4 Jan 2019 14:35

Tgt Ion:105	Resp:	108189
Ion Ratio	Lower	Upper
105	100	
71	0.5	0.4 0.6
51	35.2	30.6 46.0
120	24.1	18.6 28.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

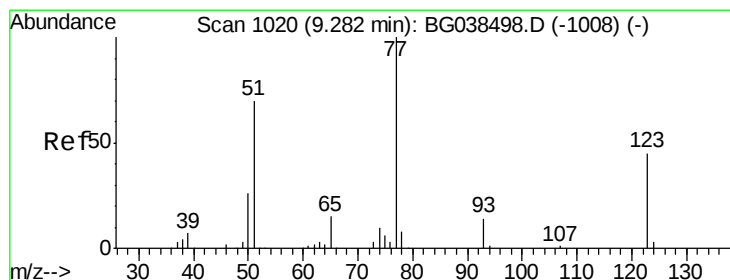
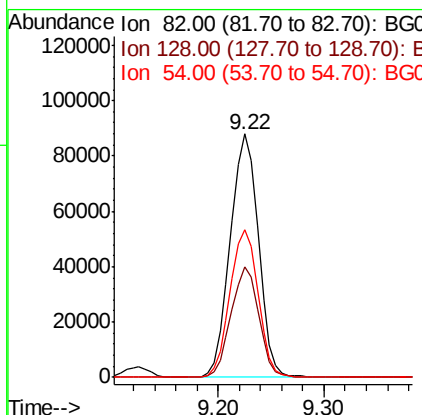
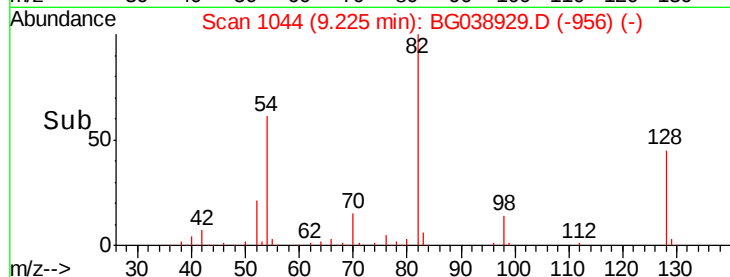
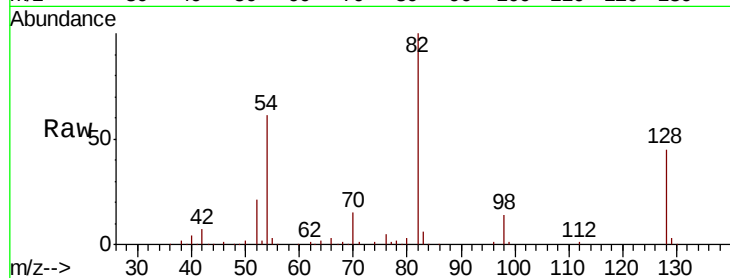




#23
 Nitrobenzene-d5
 Concen: 73.900 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG038929.D
 Acq: 4 Jan 2019 14:35

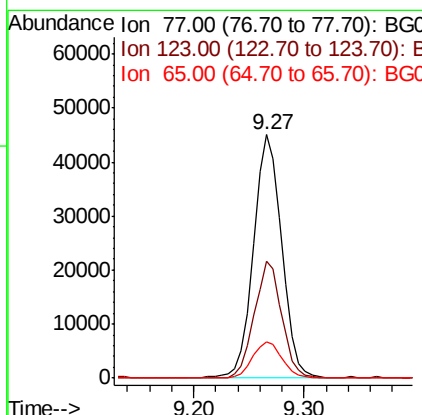
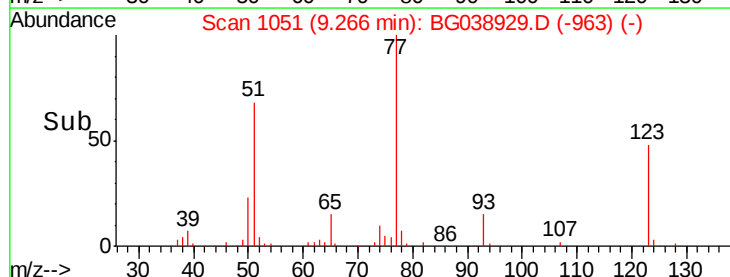
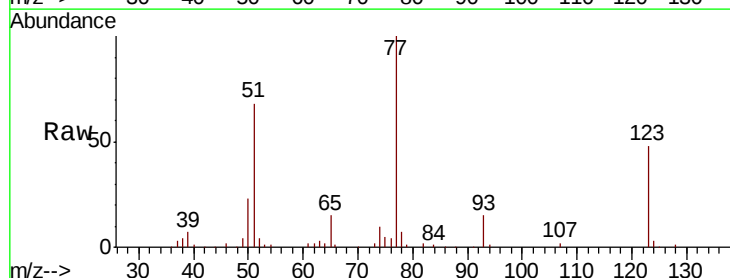
Instrument :
 BNA_G
 ClientSampled :

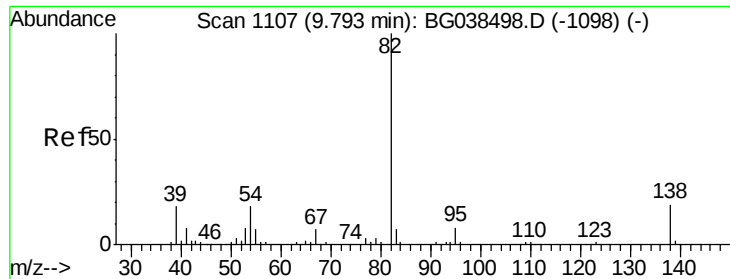
Tot Ion: 82 Resp: 162497
 Ion Ratio Lower Upper
 82 100
 128 45.4 34.6 52.0
 54 60.7 50.6 76.0



#24
 Nitrobenzene
 Concen: 36.318 ng
 RT: 9.27 min Scan# 1051
 Delta R.T. -0.02 min
 Lab File: BG038929.D
 Acq: 4 Jan 2019 14:35

Tgt Ion: 77 Resp: 80787
 Ion Ratio Lower Upper
 77 100
 123 48.0 35.9 53.9
 65 15.1 12.0 18.0





#25

Isophorone

Concen: 35.393 ng

RT: 9.78 min Scan# 1138

Delta R.T. -0.02 min

Lab File: BG038929.D

Acq: 4 Jan 2019 14:35

Instrument :

BNA_G

ClientSampled :

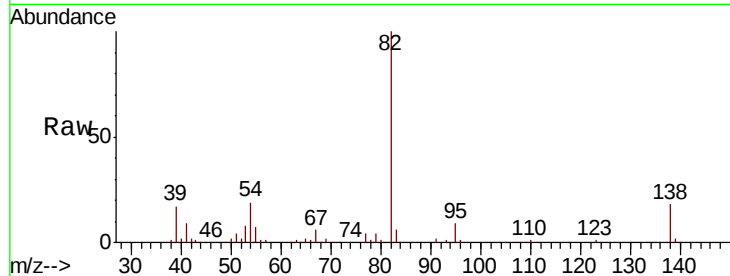
Tot Ion: 82 Resp: 139831

Ion Ratio Lower Upper

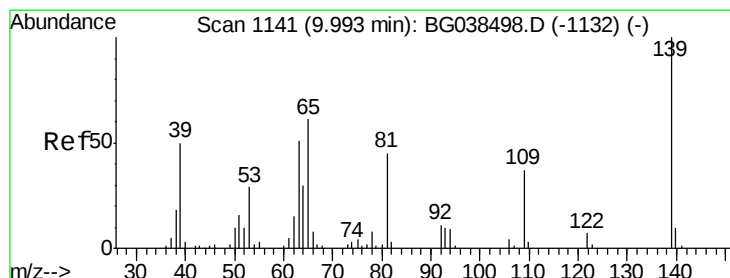
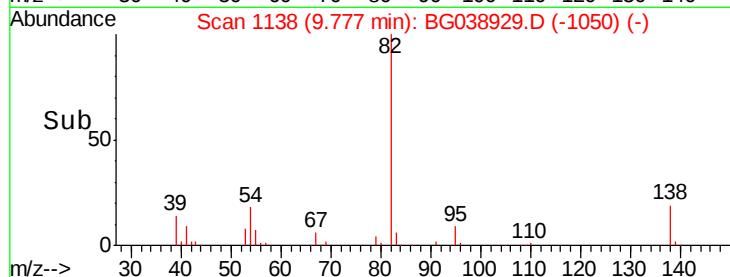
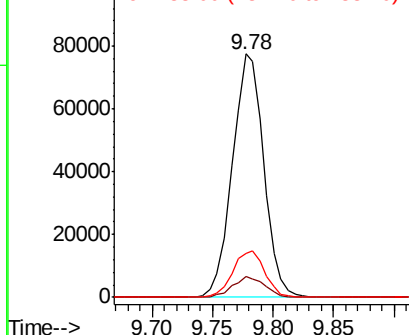
82 100

95 8.7 6.1 9.1

138 18.3 14.9 22.3



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



#26

2-Nitrophenol

Concen: 38.559 ng

RT: 9.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG038929.D

Acq: 4 Jan 2019 14:35

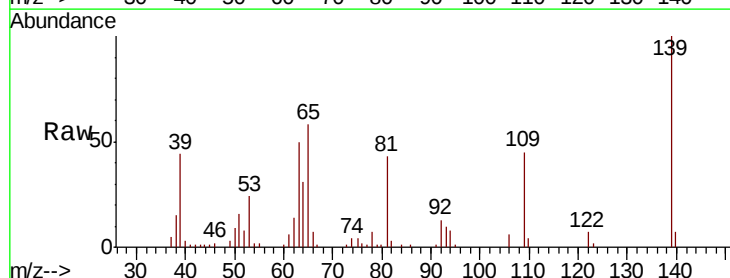
Tgt Ion: 139 Resp: 43900

Ion Ratio Lower Upper

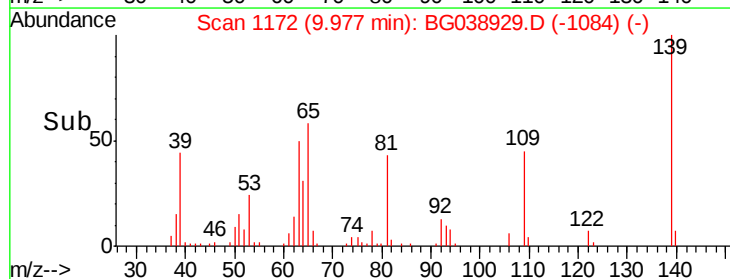
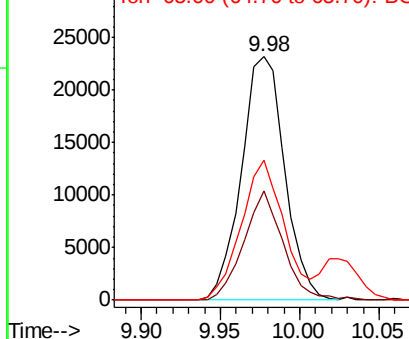
139 100

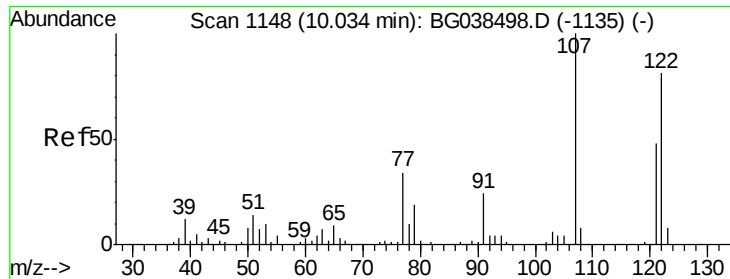
109 44.8 29.5 44.3#

65 57.7 48.5 72.7



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

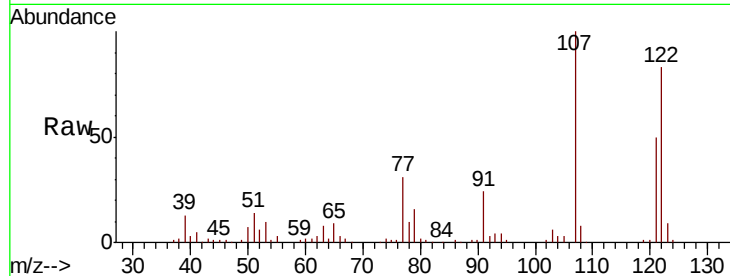




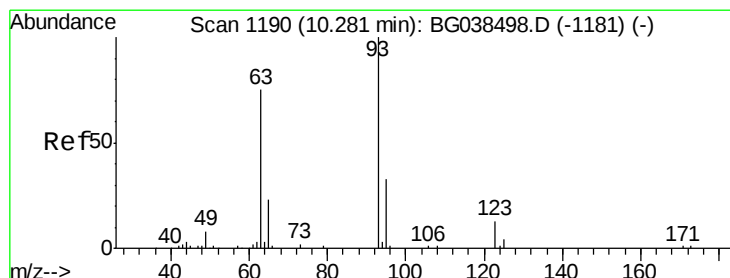
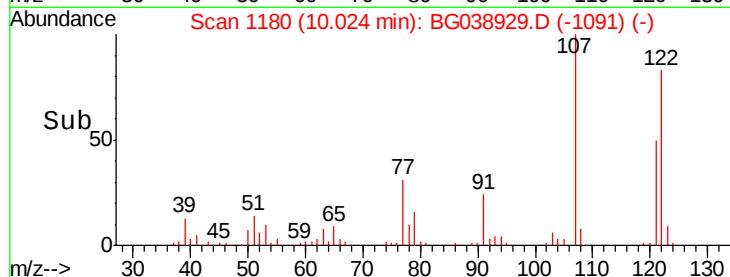
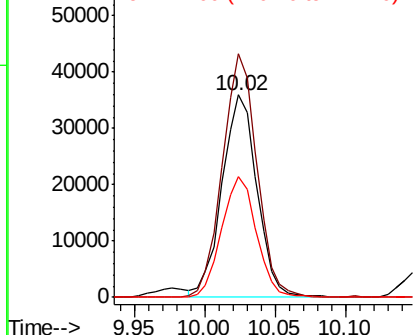
#27
 2,4-Dimethylphenol
 Concen: 37.952 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BG038929.D
 Acq: 4 Jan 2019 14:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 61926
 Ion Ratio Lower Upper
 122 100
 107 120.3 98.4 147.6
 121 60.0 47.2 70.8

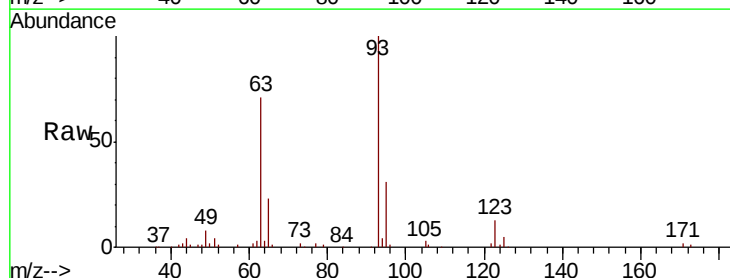


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

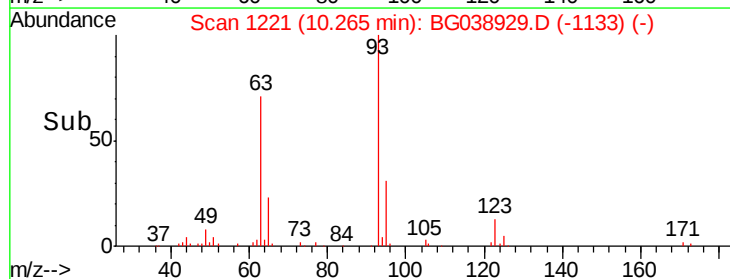
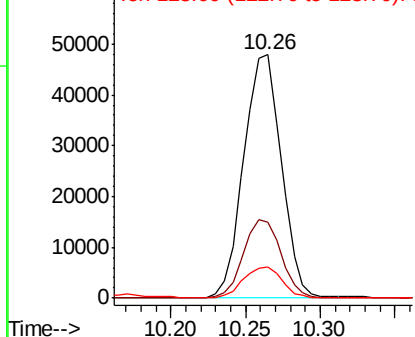


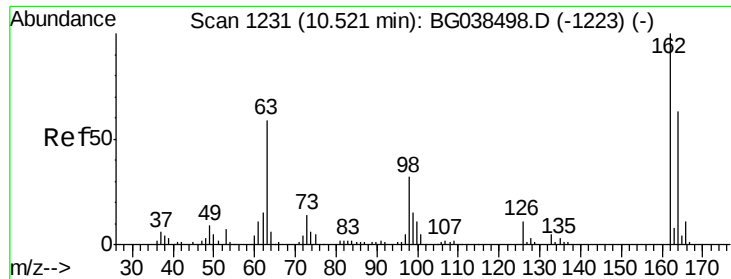
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.557 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BG038929.D
 Acq: 4 Jan 2019 14:35

Tgt Ion: 93 Resp: 83736
 Ion Ratio Lower Upper
 93 100
 95 31.1 26.6 40.0
 123 12.9 10.6 16.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

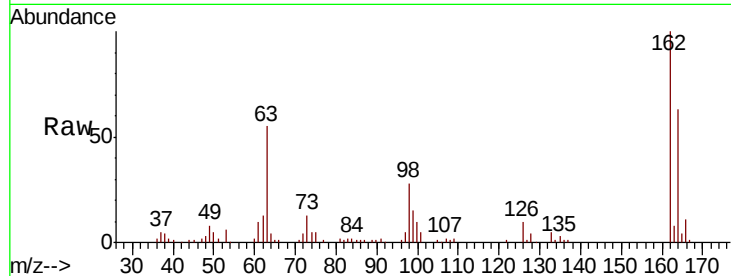




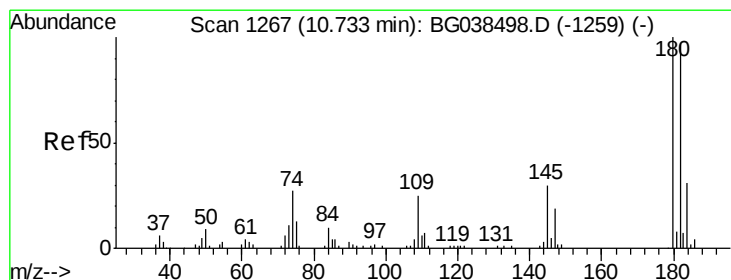
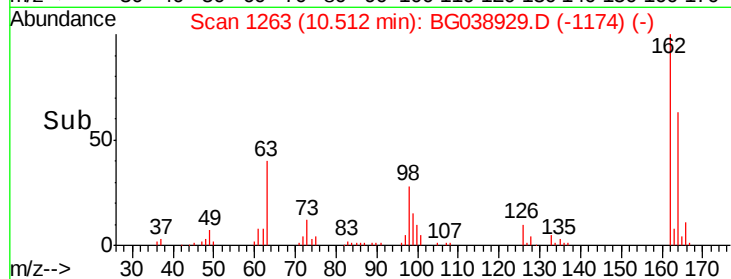
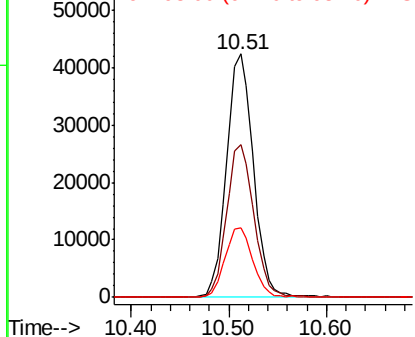
#29
 2,4-Dichlorophenol
 Concen: 44.821 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BG038929.D
 Acq: 4 Jan 2019 14:35

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:162 Resp: 81361
 Ion Ratio Lower Upper
 162 100
 164 62.9 42.9 82.9
 98 28.4 12.1 52.1

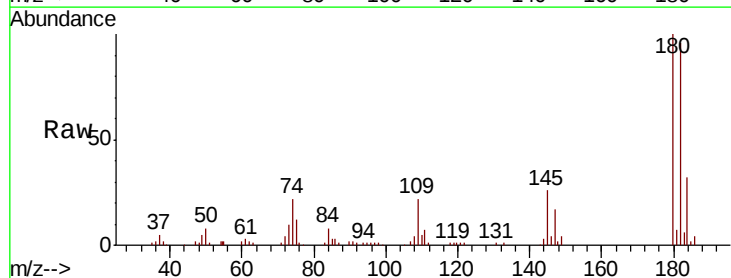


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

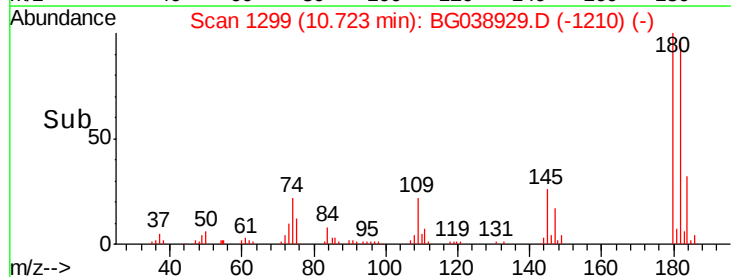
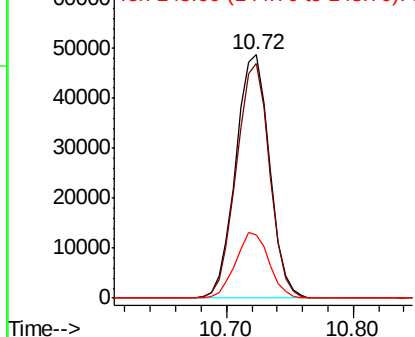


#30
 1,2,4-Trichlorobenzene
 Concen: 41.183 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BG038929.D
 Acq: 4 Jan 2019 14:35

Tgt Ion:180 Resp: 90300
 Ion Ratio Lower Upper
 180 100
 182 96.3 77.4 116.0
 145 25.9 24.1 36.1



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

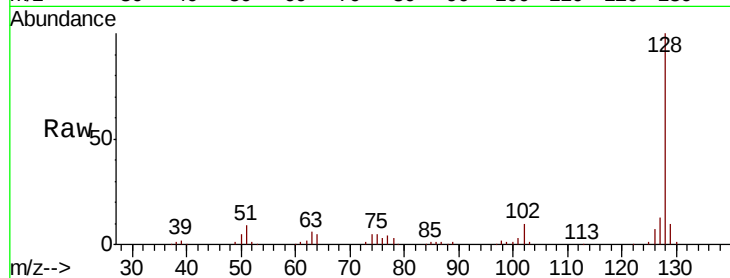




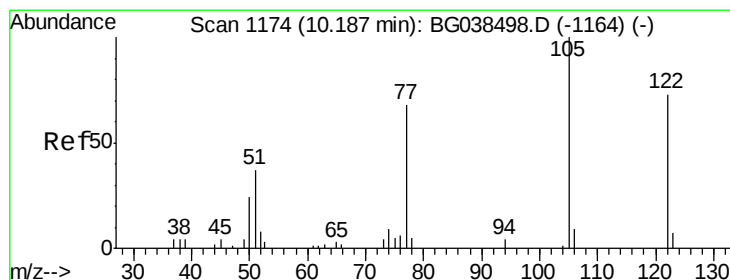
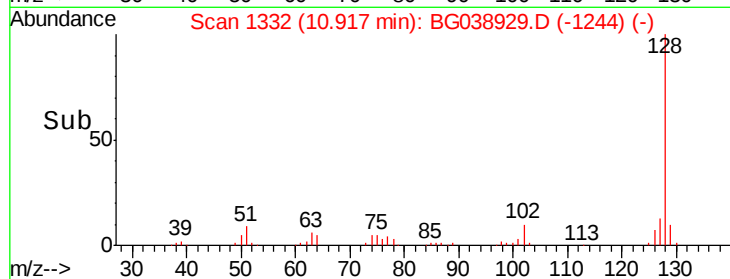
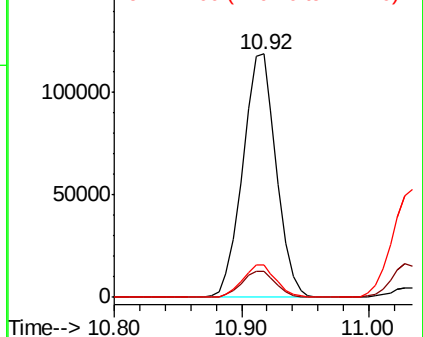
#31
Naphthalene
Concen: 39.297 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG038929.D
Acq: 4 Jan 2019 14:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 217503
Ion Ratio Lower Upper
128 100
129 10.5 9.5 14.3
127 13.3 10.9 16.3

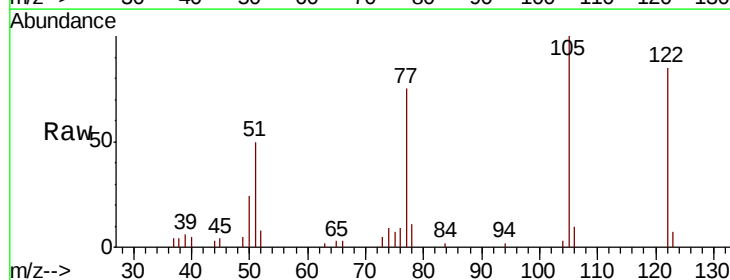


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

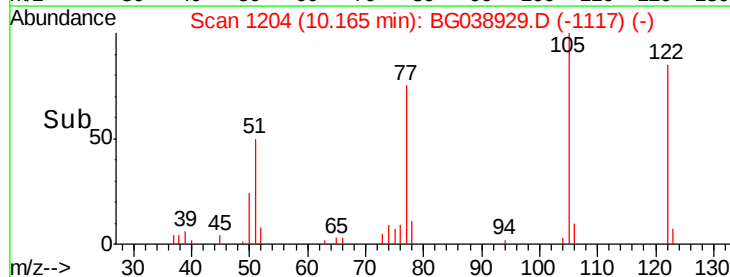
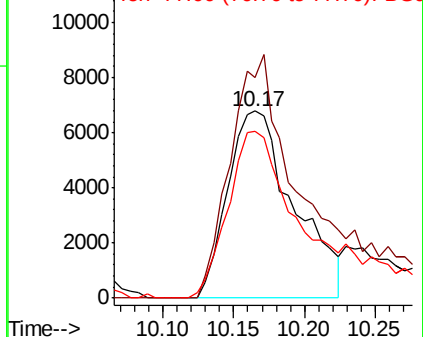


#32
Benzoic acid
Concen: 27.052 ng
RT: 10.17 min Scan# 1204
Delta R.T. -0.02 min
Lab File: BG038929.D
Acq: 4 Jan 2019 14:35

Tgt Ion:122 Resp: 22205
Ion Ratio Lower Upper
122 100
105 118.2 116.7 156.7
77 89.2 72.5 112.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO

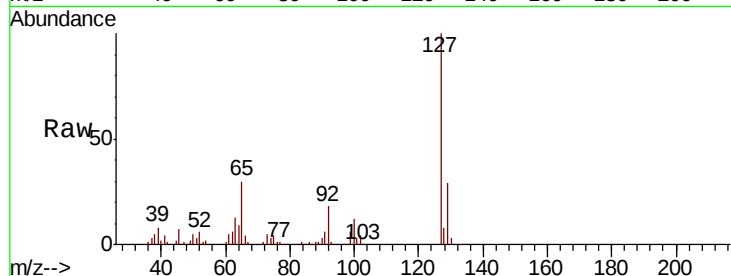




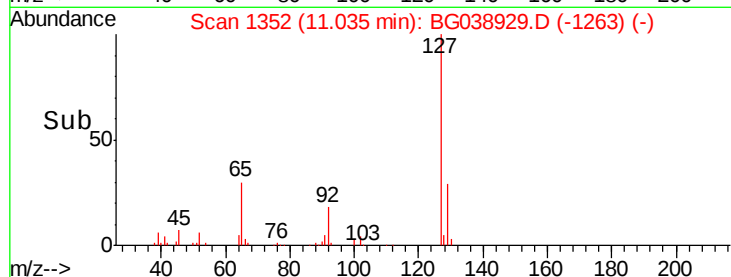
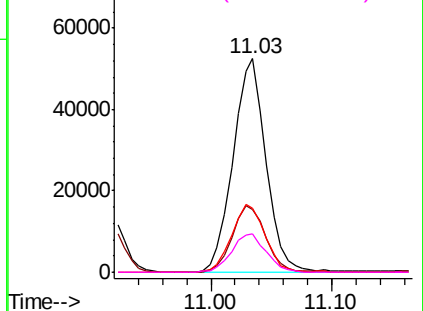
#33
4-Chloroaniline
Concen: 41.489 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG038929.D
Acq: 4 Jan 2019 14:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	99696
Ion	Ratio	Lower	Upper
127	100		
129	29.1	25.8	38.8
65	30.2	27.8	41.6
92	17.8	17.0	25.6

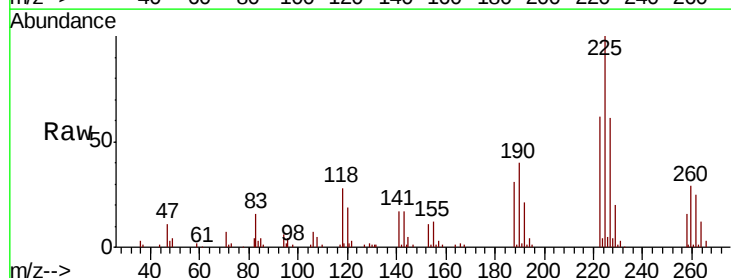


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

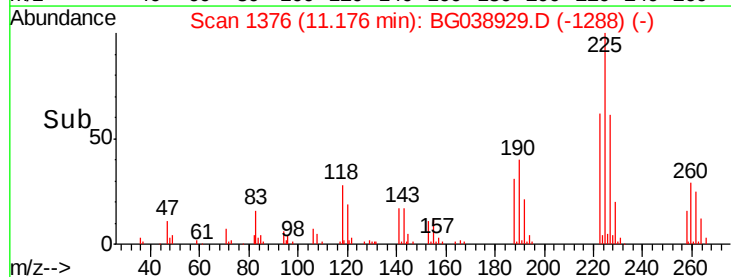
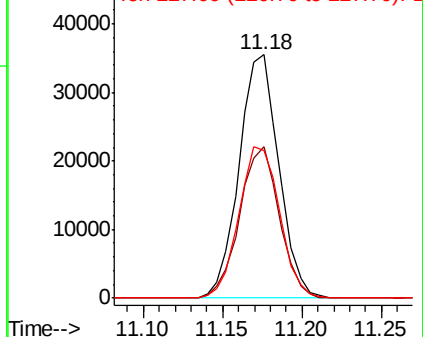


#34
Hexachlorobutadiene
Concen: 41.593 ng
RT: 11.18 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG038929.D
Acq: 4 Jan 2019 14:35

Tgt Ion:	225	Resp:	61709
Ion	Ratio	Lower	Upper
225	100		
223	59.3	45.0	67.6
227	61.4	50.6	75.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

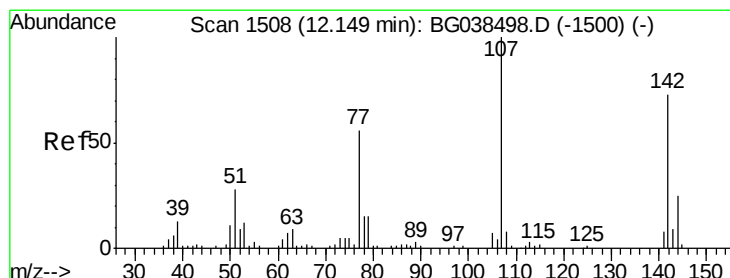
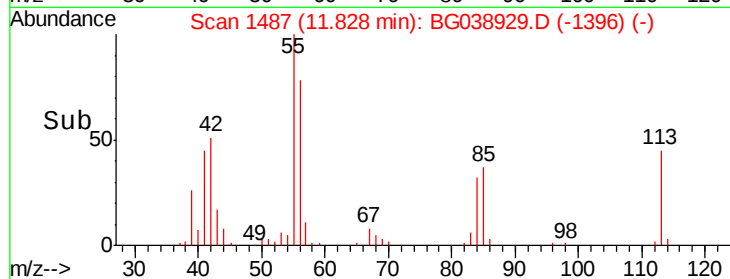
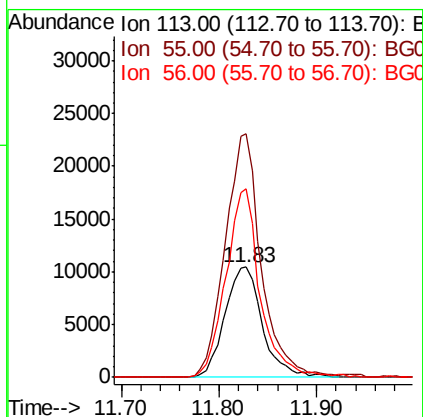
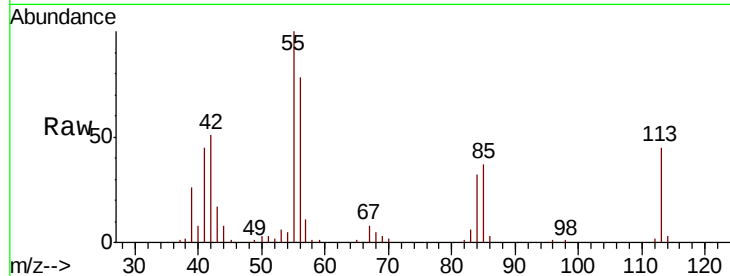




#35
Caprolactam
Concen: 36.920 ng
RT: 11.83 min Scan# 1487
Delta R.T. 0.00 min
Lab File: BG038929.D
Acq: 4 Jan 2019 14:35

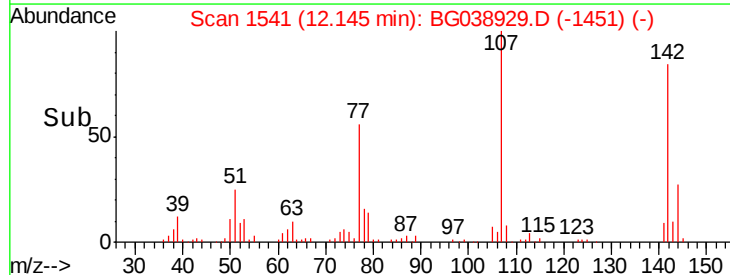
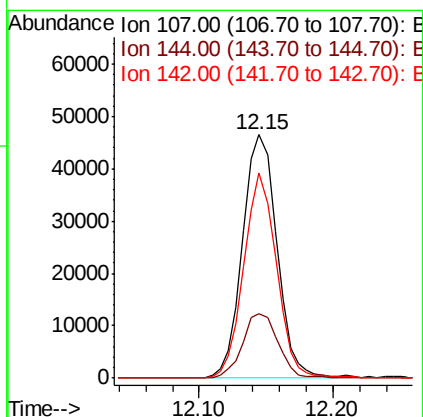
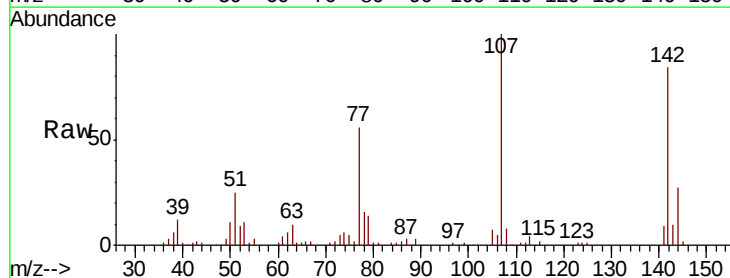
Instrument :
BNA_G
ClientSampled :

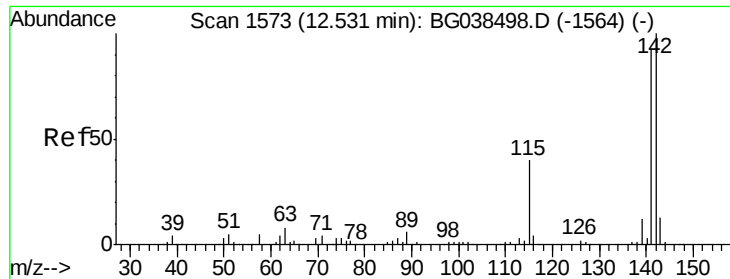
Tot Ion:113 Resp: 27735
Ion Ratio Lower Upper
113 100
55 220.4 204.3 244.3
56 171.2 135.0 175.0



#36
4-Chloro-3-methylphenol
Concen: 40.052 ng
RT: 12.15 min Scan# 1541
Delta R.T. -0.00 min
Lab File: BG038929.D
Acq: 4 Jan 2019 14:35

Tgt Ion:107 Resp: 82967
Ion Ratio Lower Upper
107 100
144 26.5 20.1 30.1
142 84.3 58.7 88.1

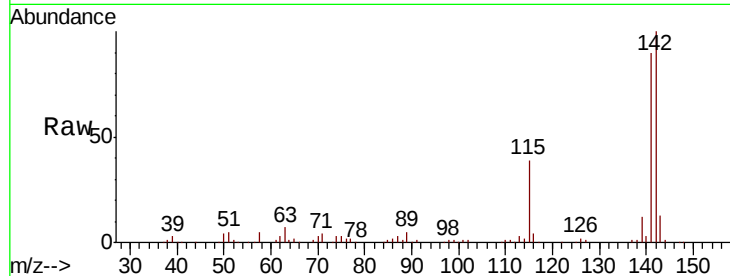




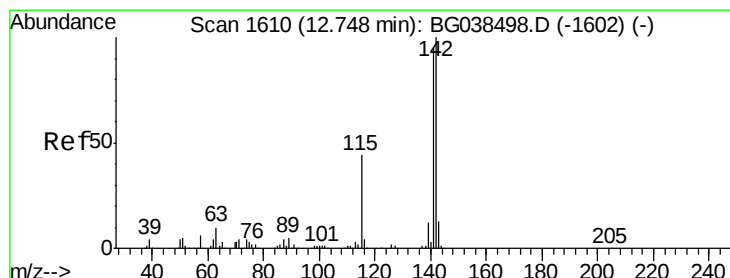
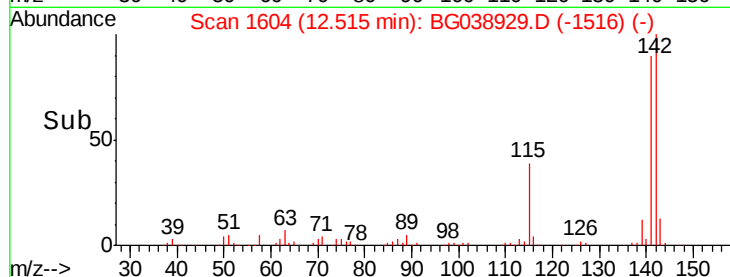
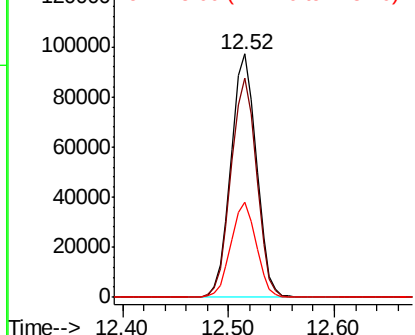
#37
 2-Methylnaphthalene
 Concen: 40.998 ng
 RT: 12.52 min Scan# 1604
 Delta R.T. -0.02 min
 Lab File: BG038929.D
 Acq: 4 Jan 2019 14:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:142 Resp: 161886
 Ion Ratio Lower Upper
 142 100
 141 89.9 73.5 110.3
 115 39.1 31.7 47.5

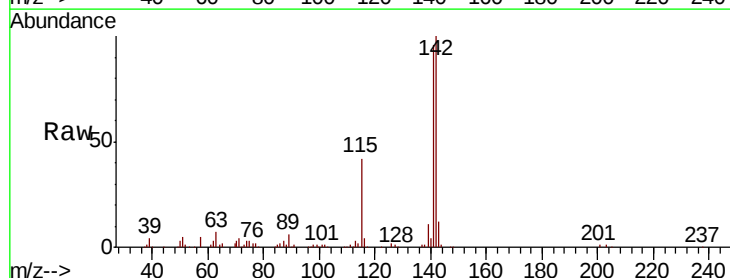


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

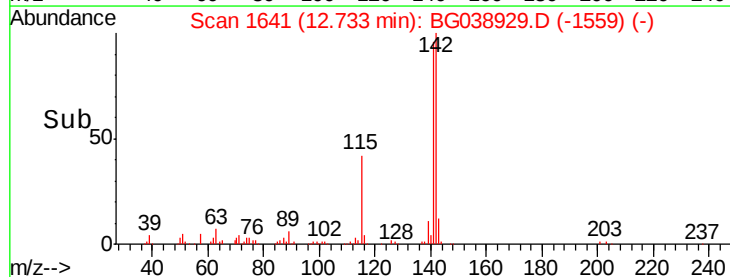
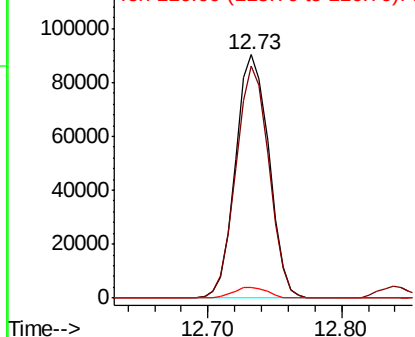


#38
 1-Methylnaphthalene
 Concen: 40.795 ng
 RT: 12.73 min Scan# 1641
 Delta R.T. -0.02 min
 Lab File: BG038929.D
 Acq: 4 Jan 2019 14:35

Tgt Ion:142 Resp: 156312
 Ion Ratio Lower Upper
 142 100
 141 95.6 75.8 113.8
 116 4.2 3.6 5.4



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG038929.D

Acq: 4 Jan 2019 14:35

Instrument :

BNA_G

ClientSampleId :

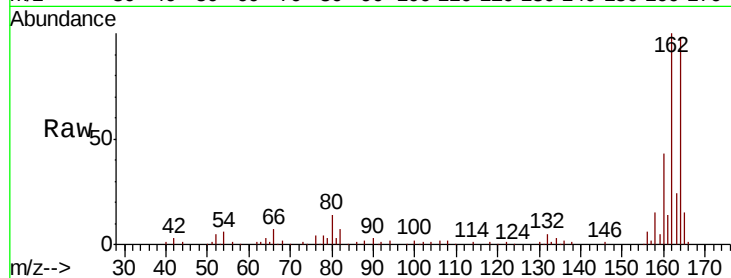
Tot Ion:164 Resp: 78914

Ion Ratio Lower Upper

164 100

162 101.9 86.6 130.0

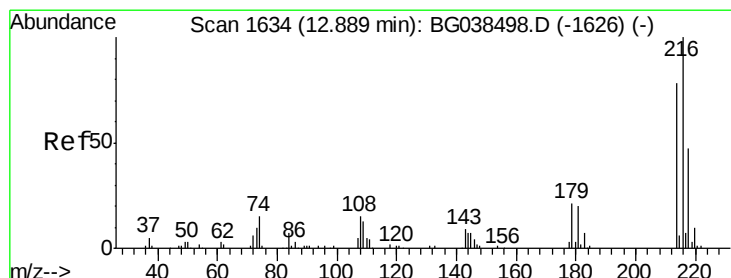
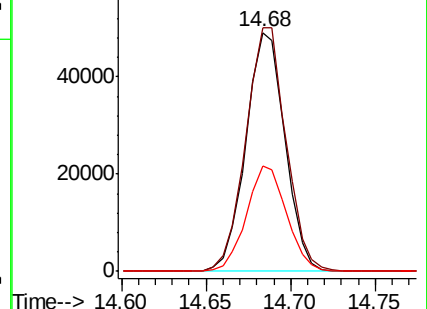
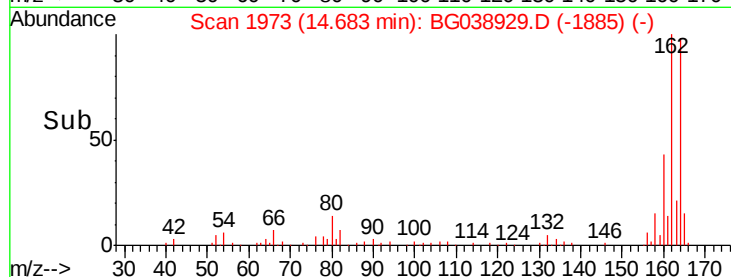
160 44.2 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.519 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BG038929.D

Acq: 4 Jan 2019 14:35

Tgt Ion:216 Resp: 119521

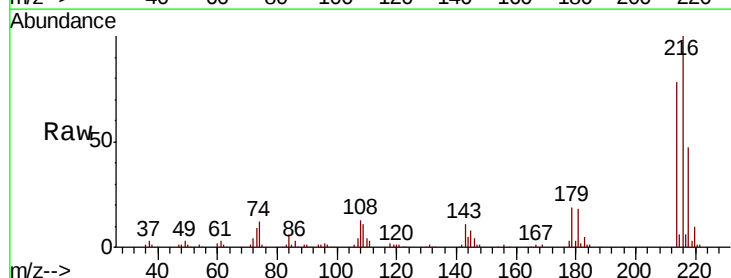
Ion Ratio Lower Upper

216 100

214 78.6 64.1 96.1

179 19.5 16.4 24.6

108 14.8 13.9 20.9

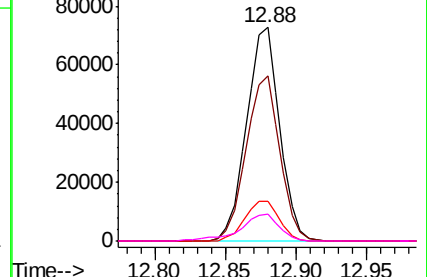
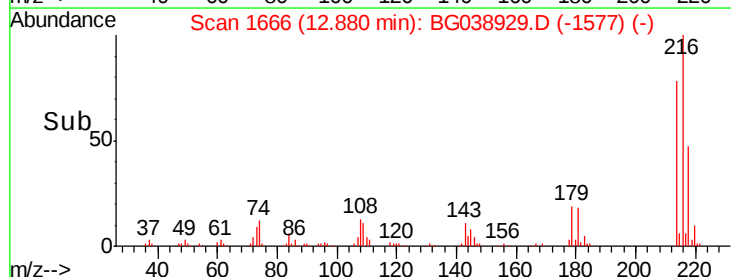


Abundance Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 40.944 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BG038929.D

Acq: 4 Jan 2019 14:35

Instrument :

BNA_G

ClientSampleId :

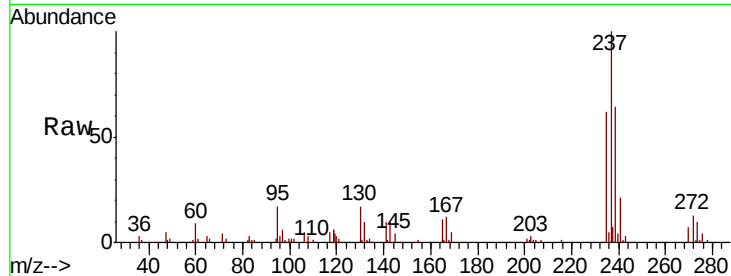
Tot Ion:237 Resp: 66354

Ion Ratio Lower Upper

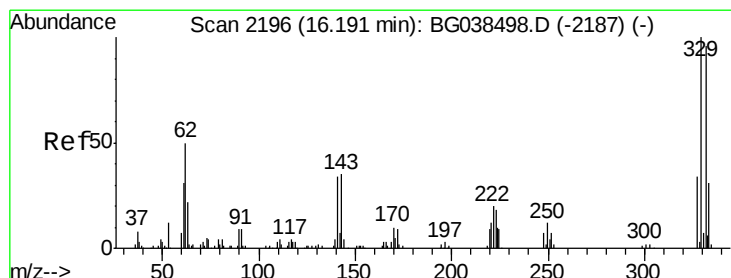
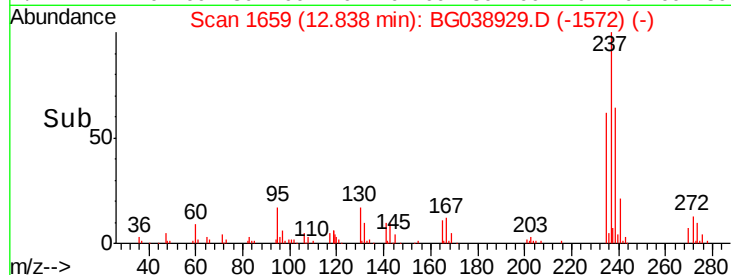
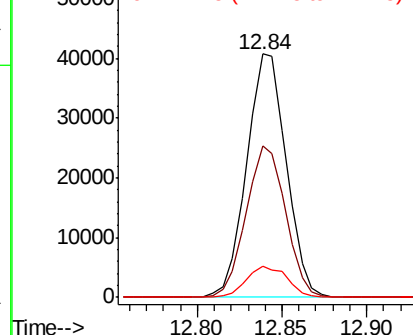
237 100

235 62.0 38.8 78.8

272 12.6 0.0 32.0



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



#42

2,4,6-Tribromophenol

Concen: 87.243 ng

RT: 16.18 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BG038929.D

Acq: 4 Jan 2019 14:35

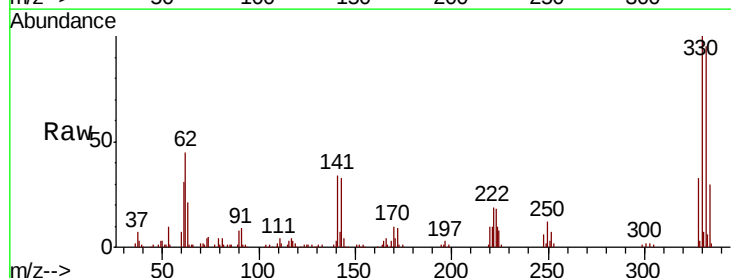
Tgt Ion:330 Resp: 94883

Ion Ratio Lower Upper

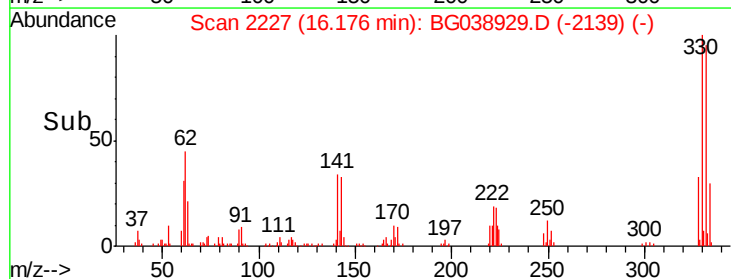
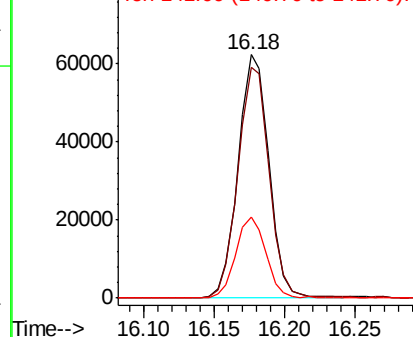
330 100

332 96.5 76.9 115.3

141 32.8 28.8 43.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

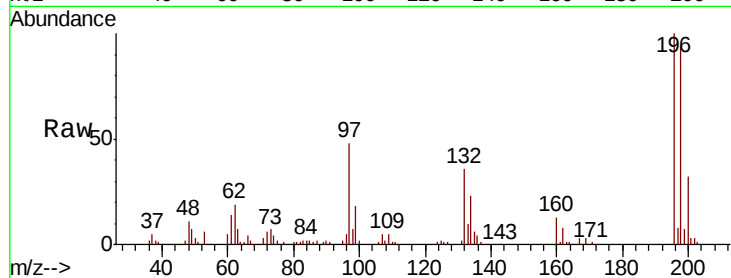




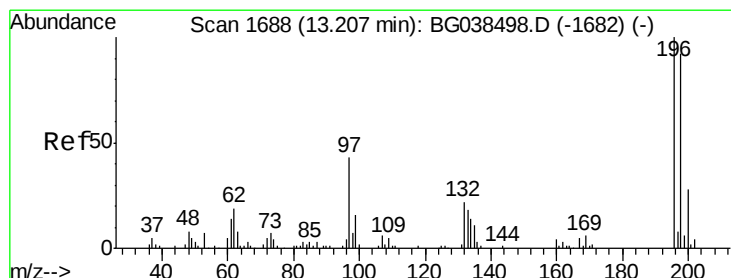
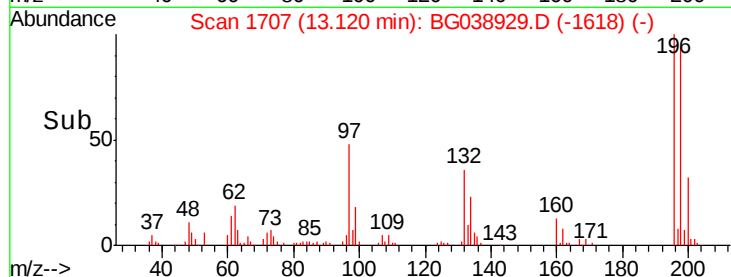
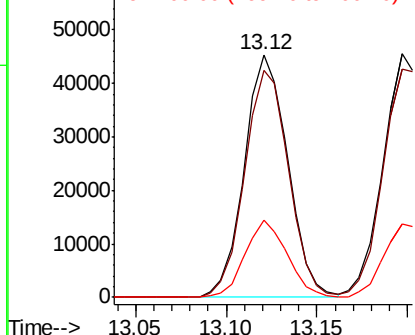
#43
 2,4,6-Trichlorophenol
 Concen: 41.563 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG038929.D
 Acq: 4 Jan 2019 14:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 75383
 Ion Ratio Lower Upper
 196 100
 198 93.8 75.0 112.4
 200 32.0 22.4 33.6

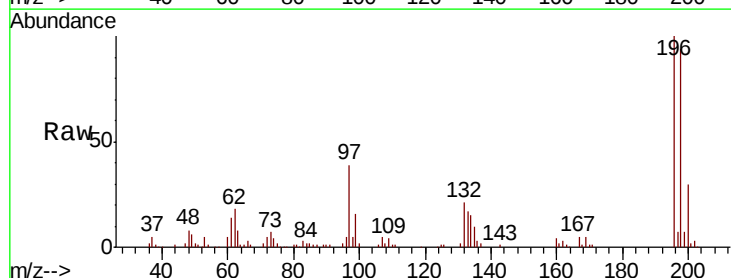


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

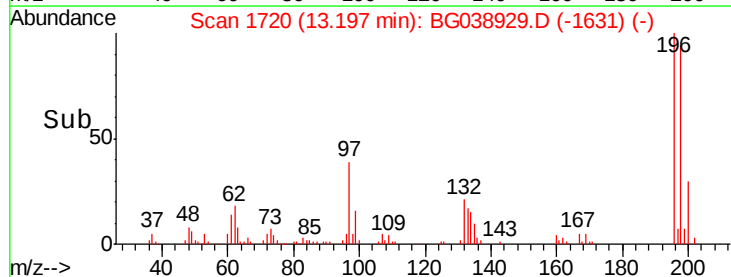
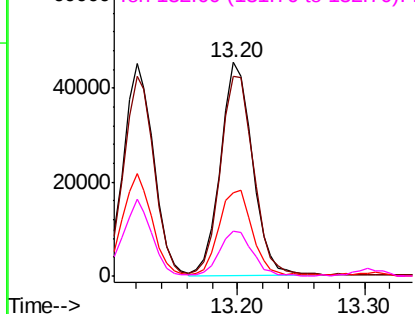


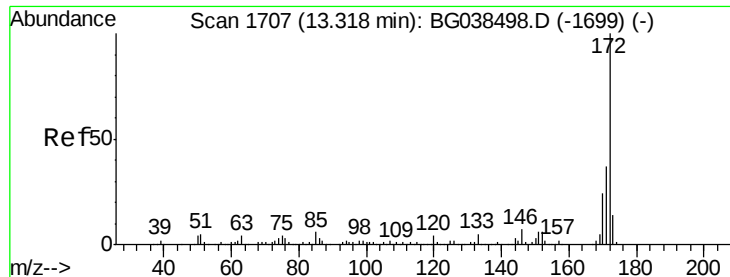
#44
 2,4,5-Trichlorophenol
 Concen: 41.235 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG038929.D
 Acq: 4 Jan 2019 14:35

Tgt Ion:196 Resp: 79184
 Ion Ratio Lower Upper
 196 100
 198 93.6 74.0 111.0
 97 39.1 35.1 52.7
 132 20.8 18.0 27.0



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

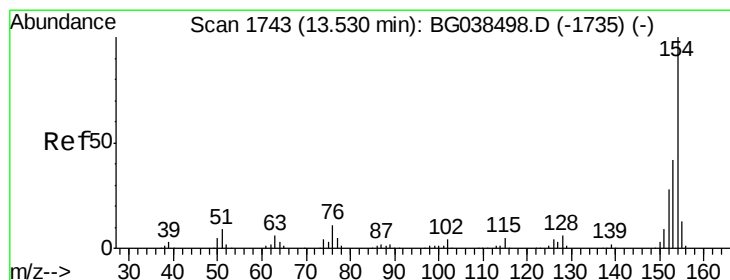
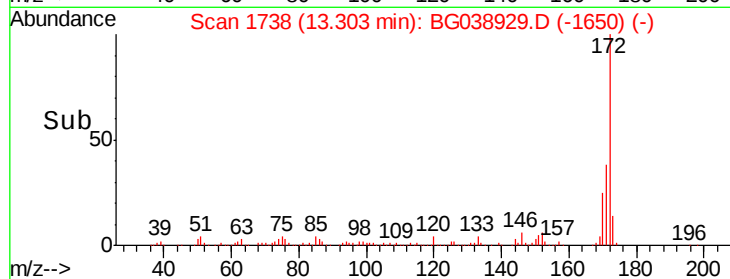
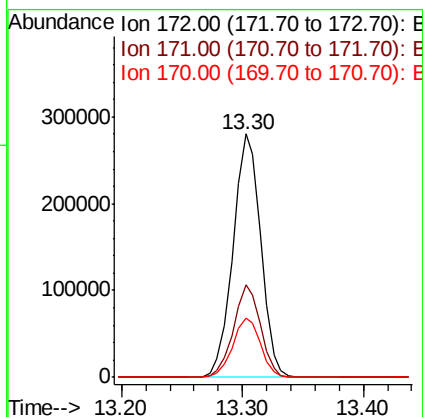
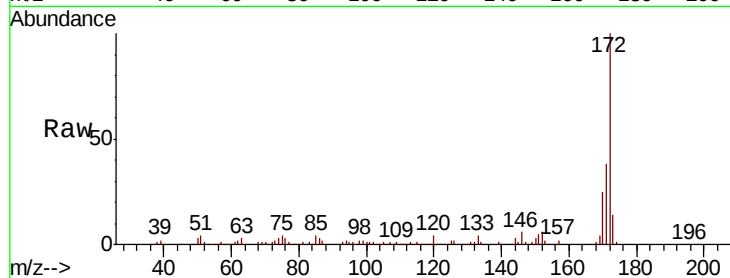




#45
2-Fluorobiphenyl
Concen: 77.637 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG038929.D
Acq: 4 Jan 2019 14:35

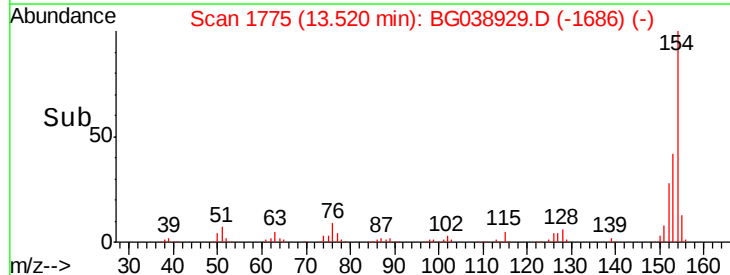
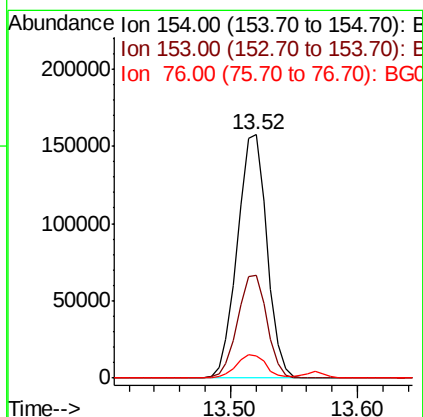
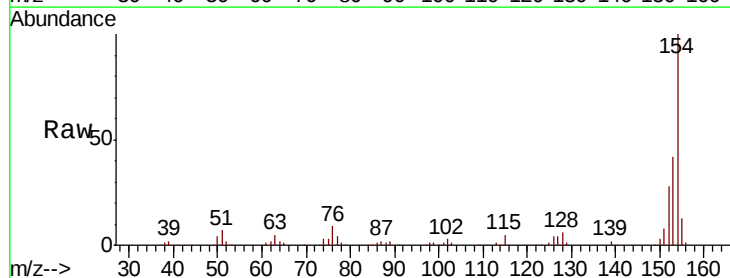
Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 446599
Ion Ratio Lower Upper
172 100
171 37.8 29.8 44.6
170 24.6 19.5 29.3



#46
1,1'-Biphenyl
Concen: 38.366 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BG038929.D
Acq: 4 Jan 2019 14:35

Tgt Ion:154 Resp: 253813
Ion Ratio Lower Upper
154 100
153 42.2 22.1 62.1
76 9.2 0.0 31.2

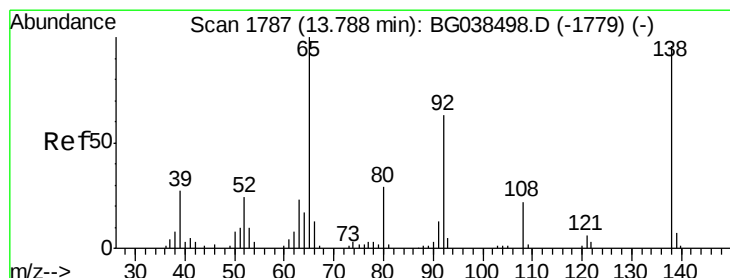
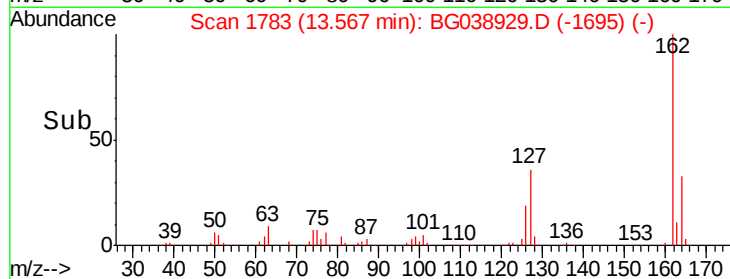
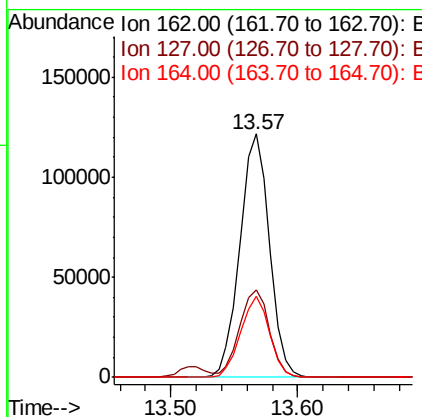
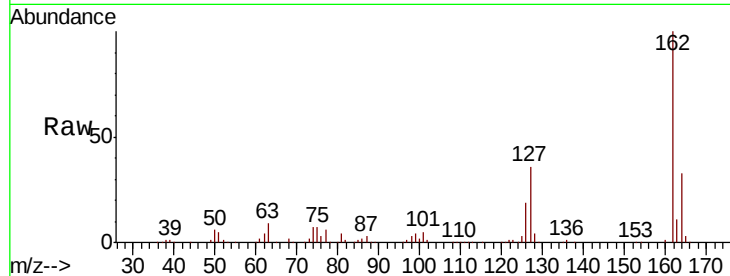




#47
 2-Chloronaphthalene
 Concen: 38.399 ng
 RT: 13.57 min Scan# 1783
 Delta R.T. -0.02 min
 Lab File: BG038929.D
 Acq: 4 Jan 2019 14:35

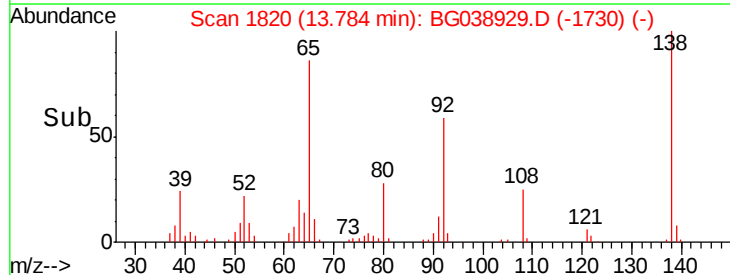
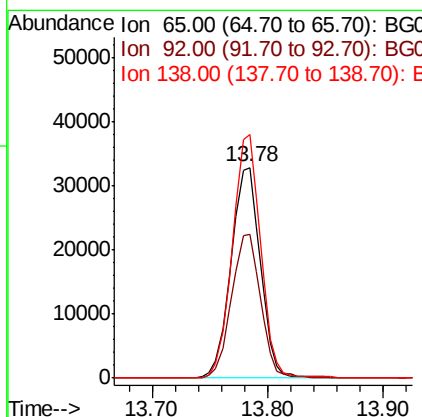
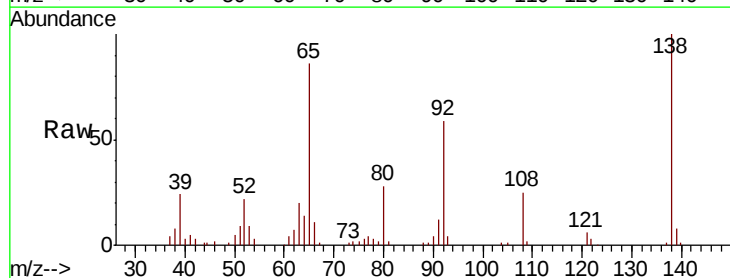
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	162	Resp:	196225
Ion Ratio		Lower	Upper
162	100		
127	36.1	27.8	41.8
164	33.2	26.9	40.3



#48
 2-Nitroaniline
 Concen: 35.712 ng
 RT: 13.78 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BG038929.D
 Acq: 4 Jan 2019 14:35

Tgt Ion:	65	Resp:	58128
Ion Ratio		Lower	Upper
65	100		
92	68.2	50.0	75.0
138	115.6	76.9	115.3#





#49

Acenaphthylene

Concen: 38.198 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG038929.D

Acq: 4 Jan 2019 14:35

Instrument :

BNA_G

ClientSampleId :

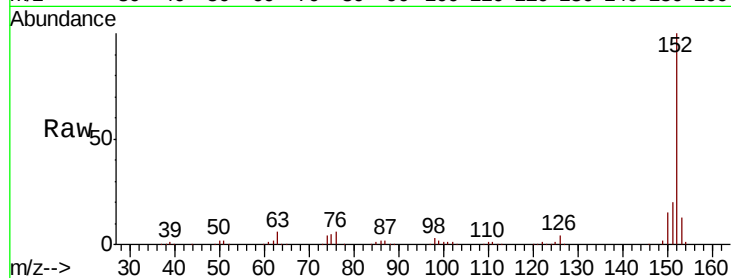
Tot Ion:152 Resp: 291815

Ion Ratio Lower Upper

152 100

151 19.8 16.4 24.6

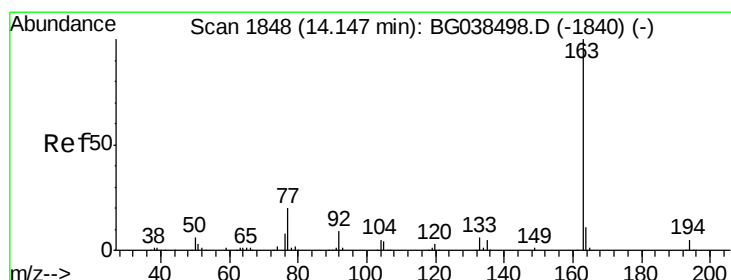
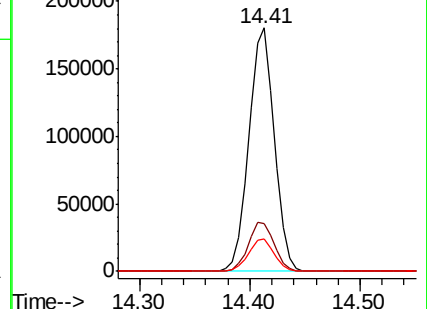
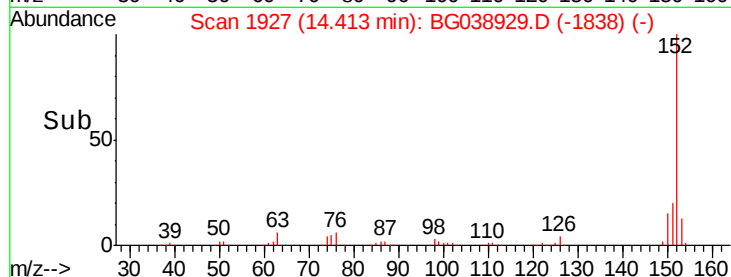
153 13.4 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.744 ng

RT: 14.14 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG038929.D

Acq: 4 Jan 2019 14:35

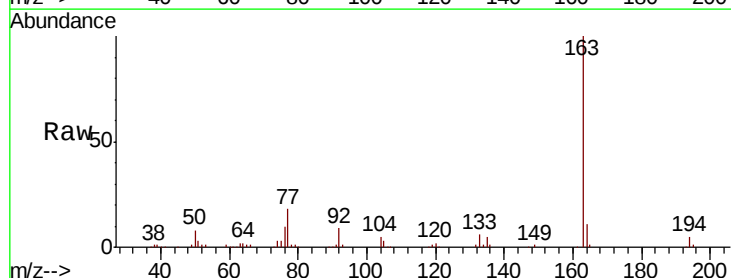
Tgt Ion:163 Resp: 249683

Ion Ratio Lower Upper

163 100

194 4.6 3.7 5.5

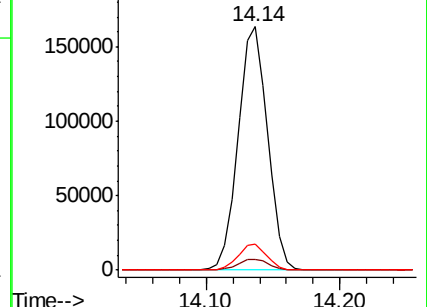
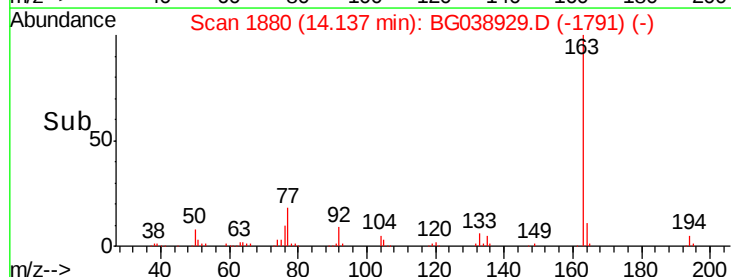
164 10.7 8.6 12.8

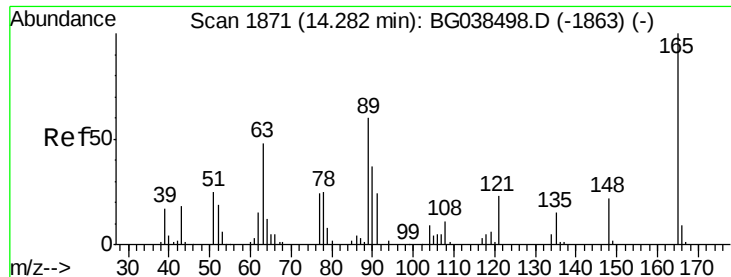


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

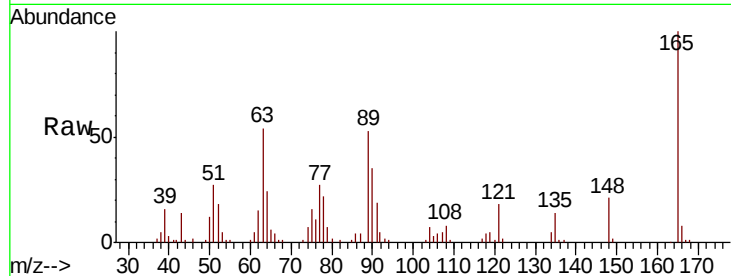




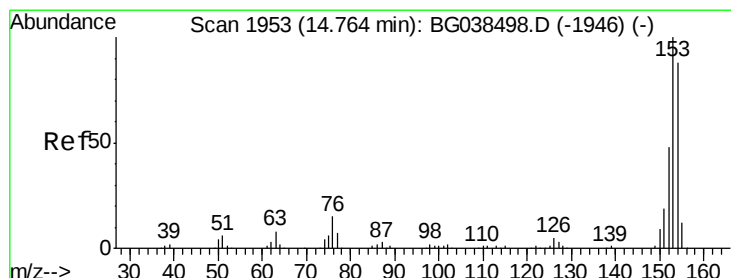
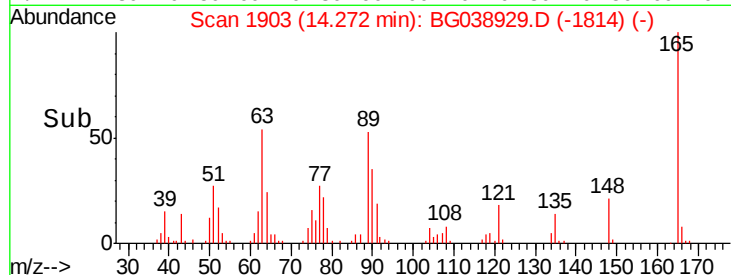
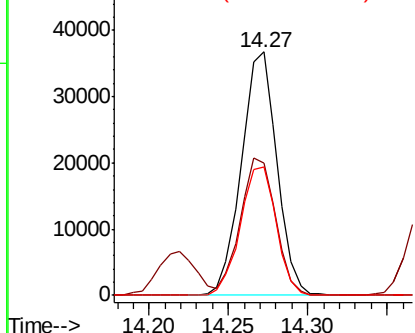
#51
 2,6-Dinitrotoluene
 Concen: 39.016 ng
 RT: 14.27 min Scan# 1903
 Delta R.T. -0.01 min
 Lab File: BG038929.D
 Acq: 4 Jan 2019 14:35

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 56979
 Ion Ratio Lower Upper
 165 100
 63 54.3 51.8 77.6
 89 52.7 47.9 71.9

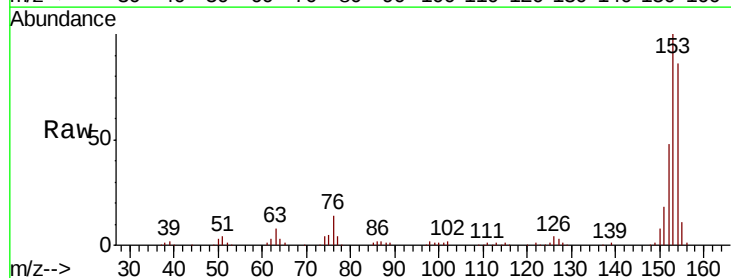


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

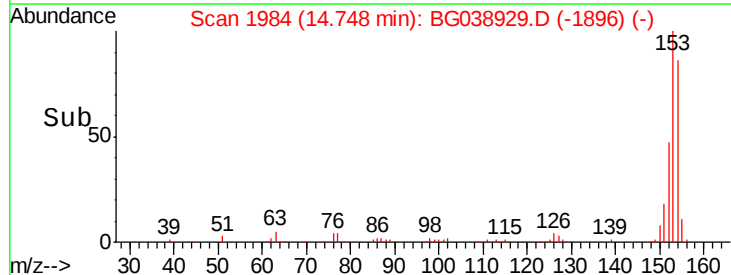
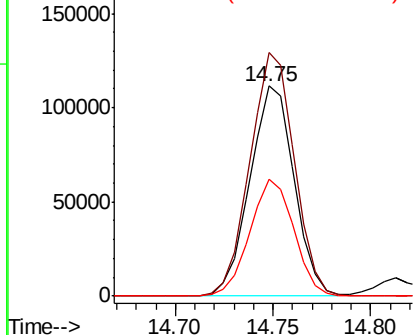


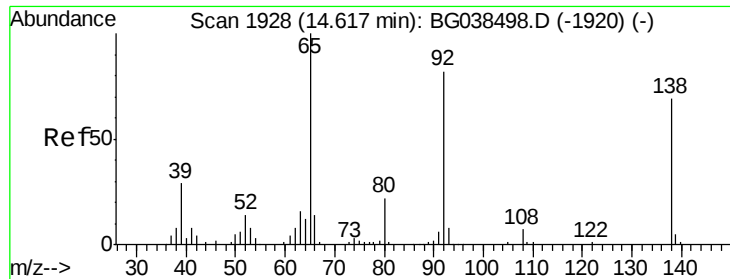
#52
 Acenaphthene
 Concen: 38.367 ng
 RT: 14.75 min Scan# 1984
 Delta R.T. -0.02 min
 Lab File: BG038929.D
 Acq: 4 Jan 2019 14:35

Tgt Ion:154 Resp: 175264
 Ion Ratio Lower Upper
 154 100
 153 116.0 90.6 136.0
 152 55.5 43.5 65.3



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

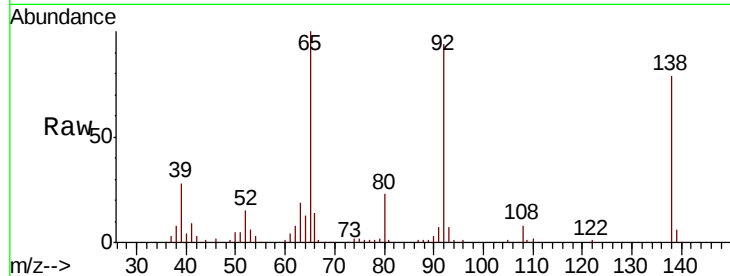




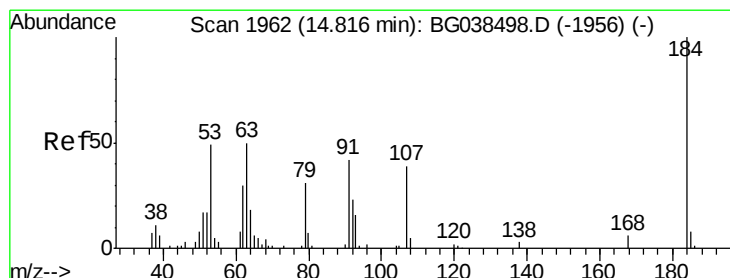
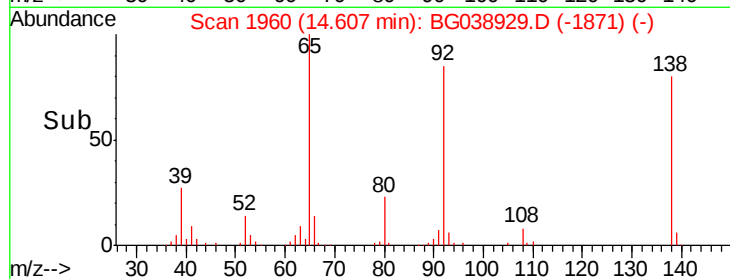
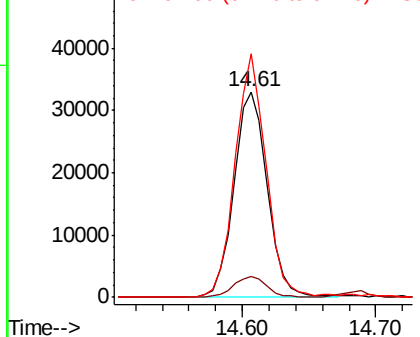
#53
3-Nitroaniline
Concen: 38.251 ng
RT: 14.61 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BG038929.D
Acq: 4 Jan 2019 14:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 56945
Ion Ratio Lower Upper
138 100
108 10.5 7.9 11.9
92 118.3 95.3 142.9

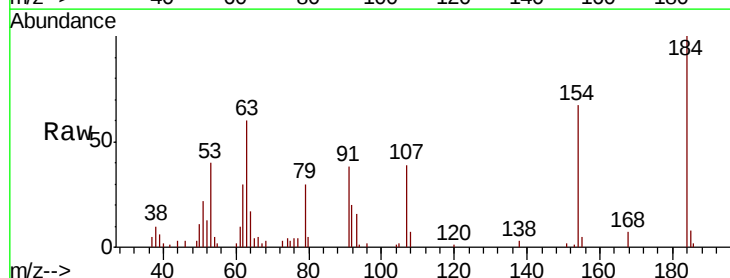


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): B

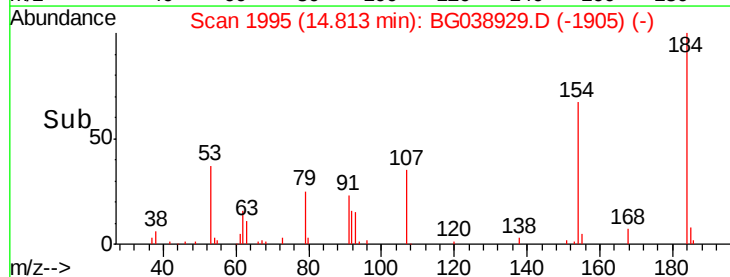
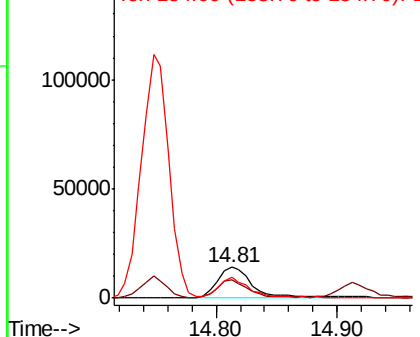


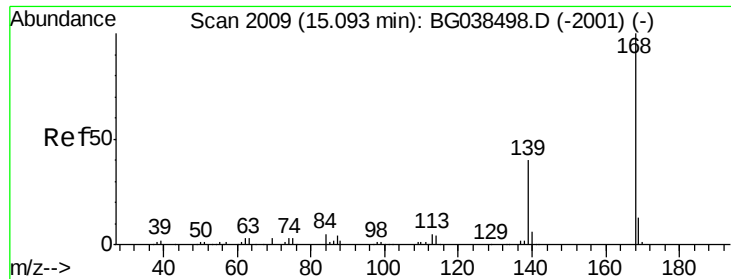
#54
2,4-Dinitrophenol
Concen: 35.600 ng
RT: 14.81 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BG038929.D
Acq: 4 Jan 2019 14:35

Tgt Ion:184 Resp: 28263
Ion Ratio Lower Upper
184 100
63 60.4 47.0 70.6
154 67.4 50.3 75.5



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

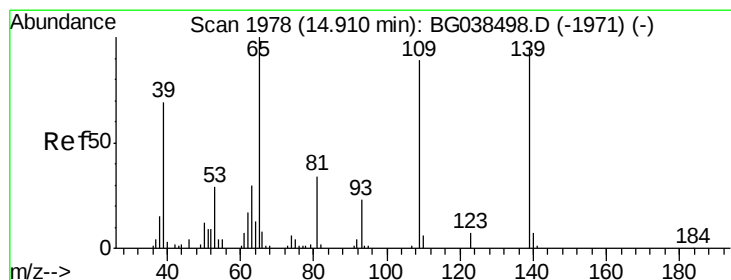
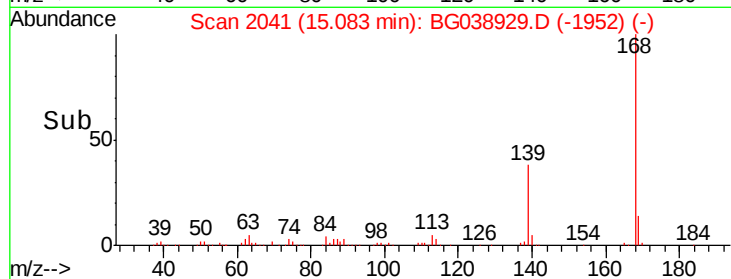
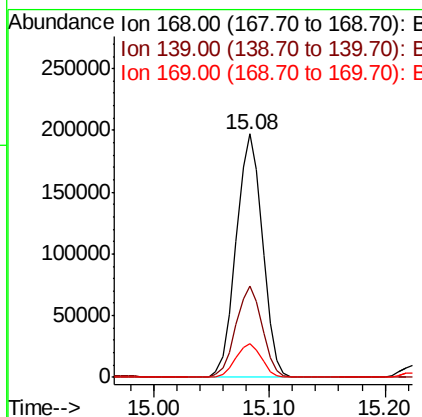
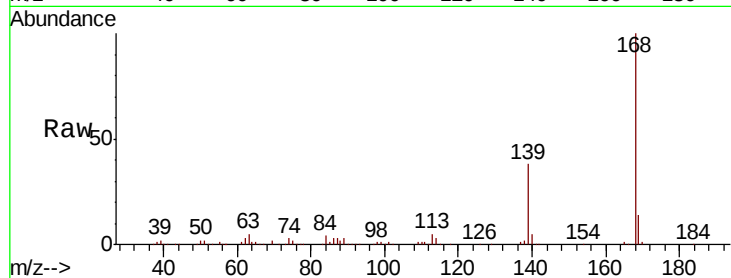




#55
Dibenzofuran
Concen: 39.684 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG038929.D
Acq: 4 Jan 2019 14:35

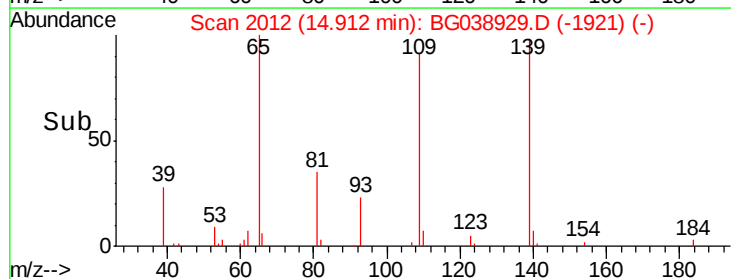
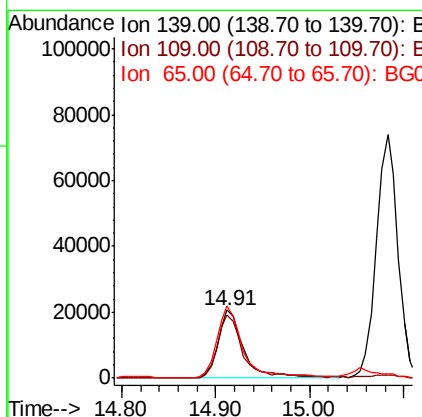
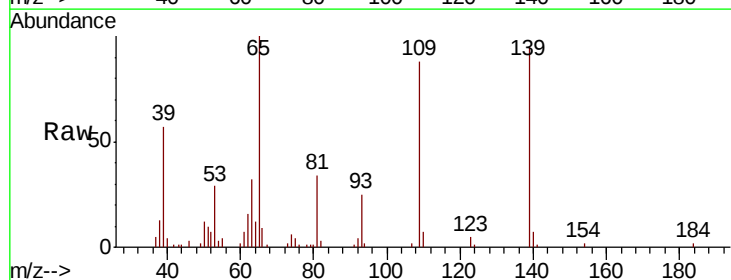
Instrument :
BNA_G
ClientSampleId :

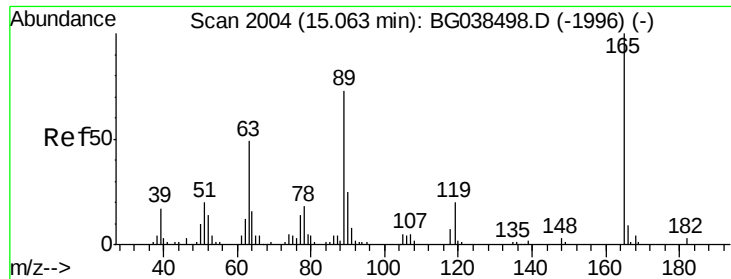
Tot Ion:168 Resp: 310749
Ion Ratio Lower Upper
168 100
139 37.5 32.2 48.2
169 14.0 10.6 16.0



#56
4-Nitrophenol
Concen: 35.058 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG038929.D
Acq: 4 Jan 2019 14:35

Tgt Ion:139 Resp: 39594
Ion Ratio Lower Upper
139 100
109 92.8 73.6 113.6
65 105.2 84.8 124.8





#57

2,4-Dinitrotoluene

Concen: 38.171 ng

RT: 15.06 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BG038929.D

Acq: 4 Jan 2019 14:35

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 78515

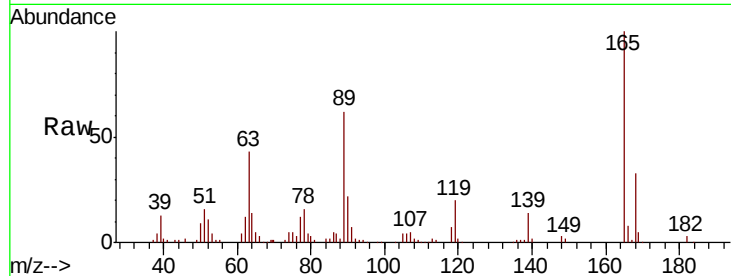
Ion Ratio Lower Upper

165 100

63 43.2 39.0 58.4

89 61.8 58.0 87.0

182 2.9 2.3 3.5

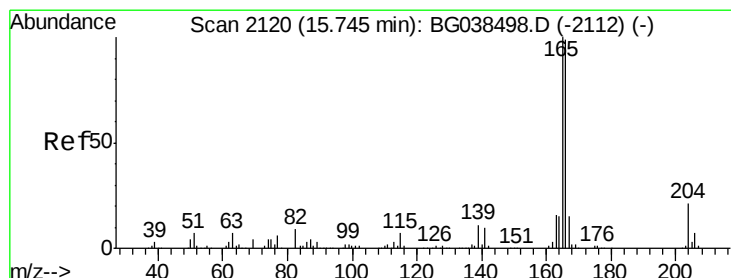
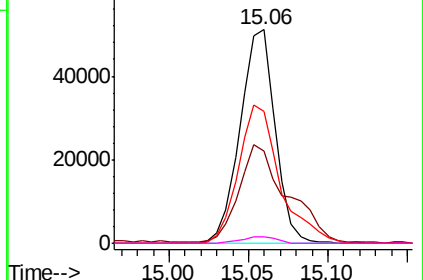
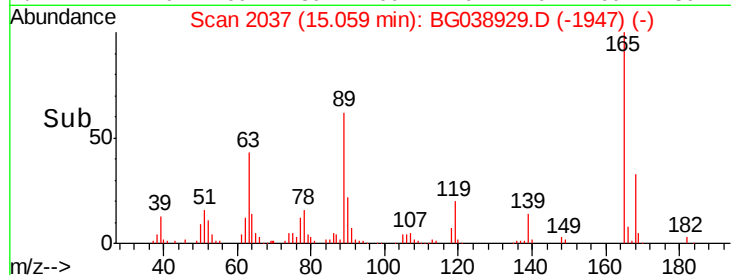


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 39.511 ng

RT: 15.73 min Scan# 2151

Delta R.T. -0.02 min

Lab File: BG038929.D

Acq: 4 Jan 2019 14:35

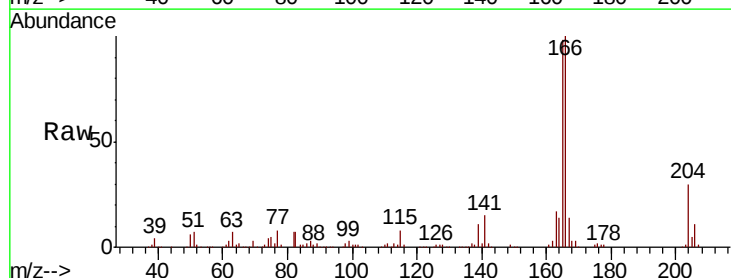
Tgt Ion:166 Resp: 229224

Ion Ratio Lower Upper

166 100

165 97.7 80.6 120.8

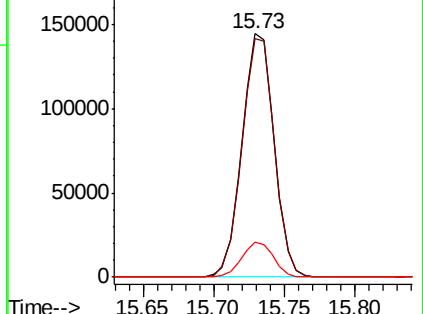
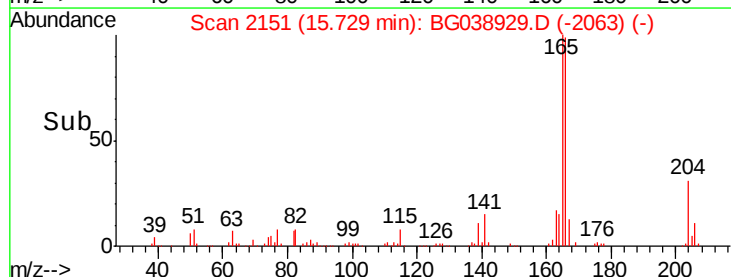
167 14.2 12.0 18.0

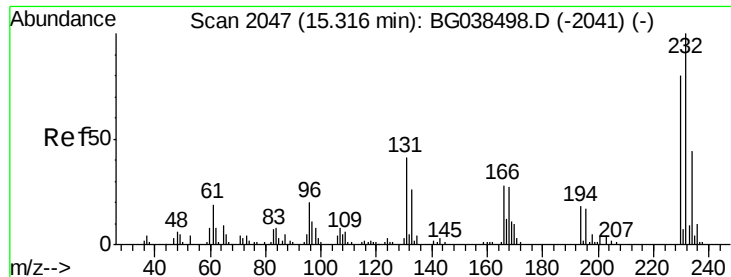


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

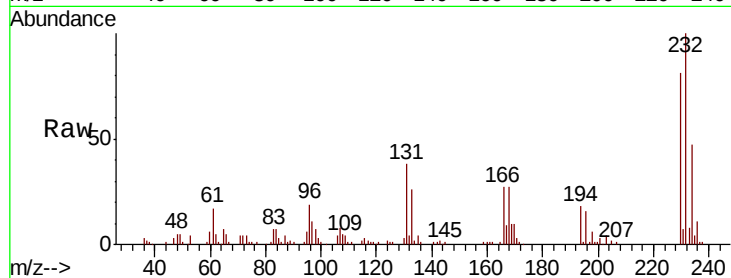




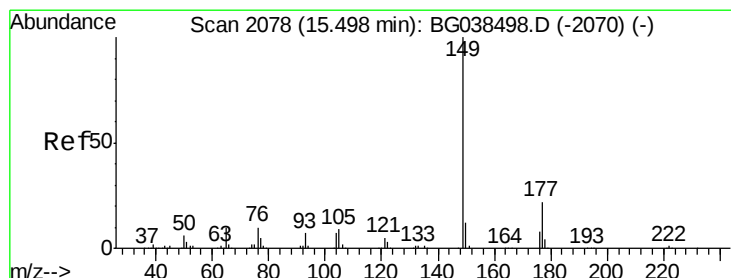
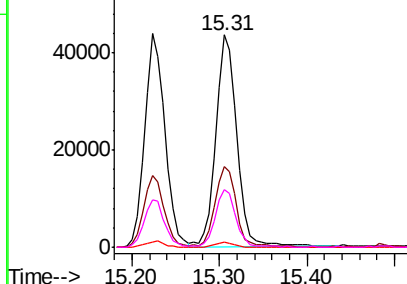
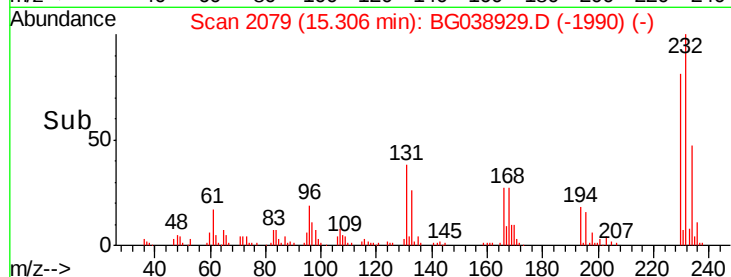
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.229 ng
RT: 15.31 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BG038929.D
Acq: 4 Jan 2019 14:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:232 Resp: 72958
Ion Ratio Lower Upper
232 100
131 38.7 33.0 49.4
130 2.1 2.0 3.0
166 26.9 23.1 34.7

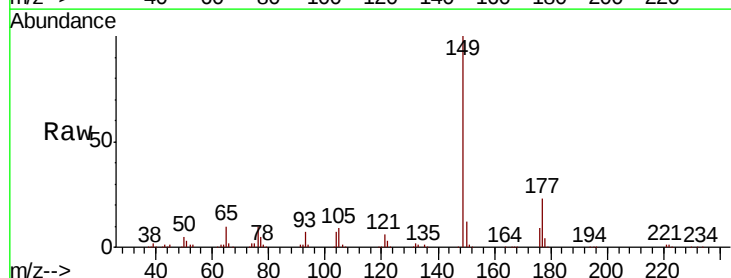


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

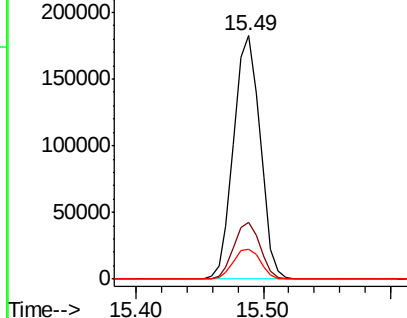
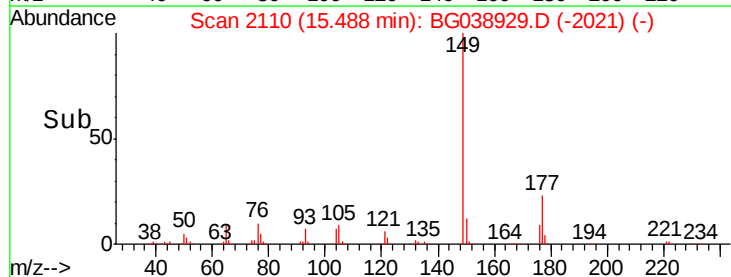


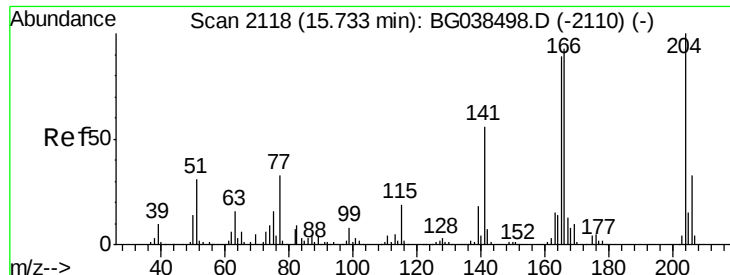
#60
Diethylphthalate
Concen: 37.279 ng
RT: 15.49 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BG038929.D
Acq: 4 Jan 2019 14:35

Tgt Ion:149 Resp: 263728
Ion Ratio Lower Upper
149 100
177 23.2 17.7 26.5
150 12.4 9.9 14.9



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

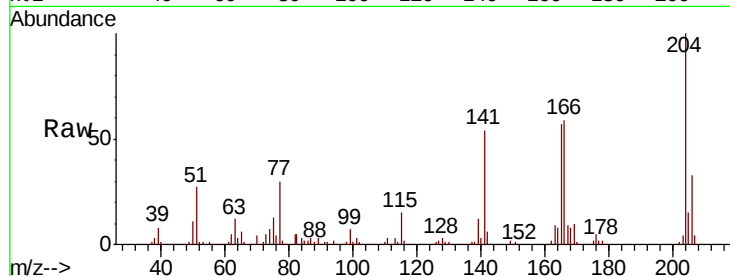




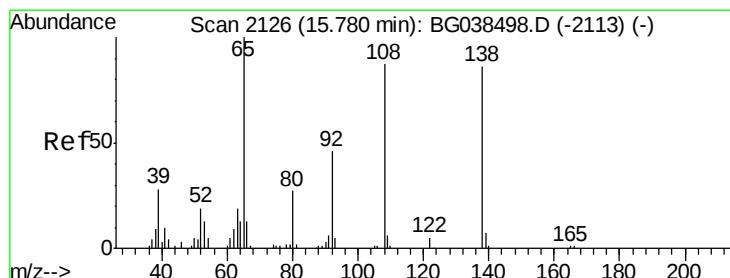
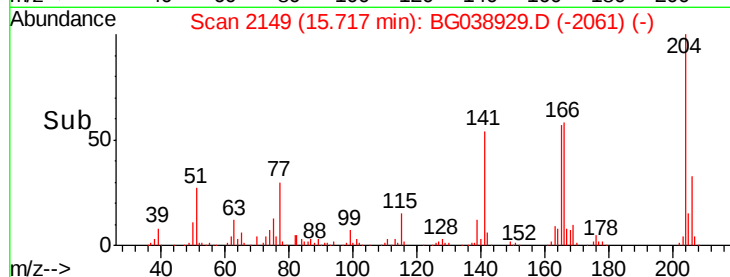
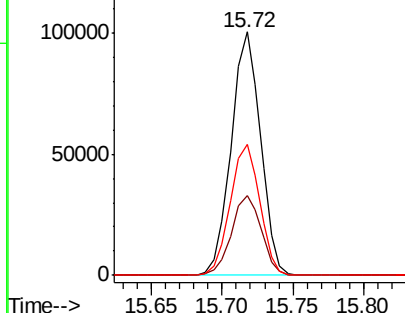
#61
 4-Chlorophenyl-phenylether
 Concen: 40.152 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. -0.02 min
 Lab File: BG038929.D
 Acq: 4 Jan 2019 14:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:204 Resp: 145340
 Ion Ratio Lower Upper
 204 100
 206 32.8 26.0 39.0
 141 53.8 44.4 66.6

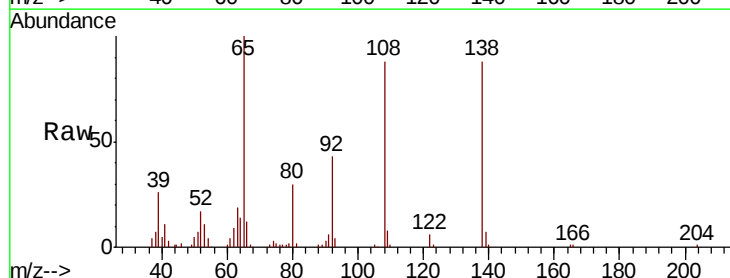


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

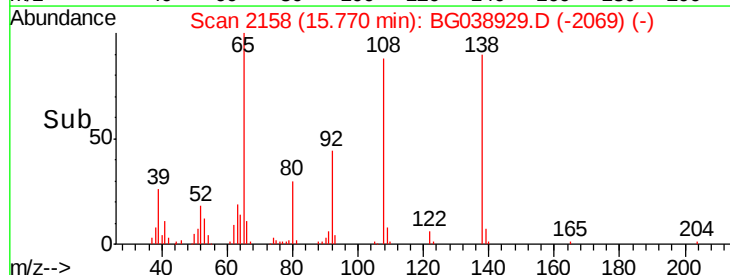
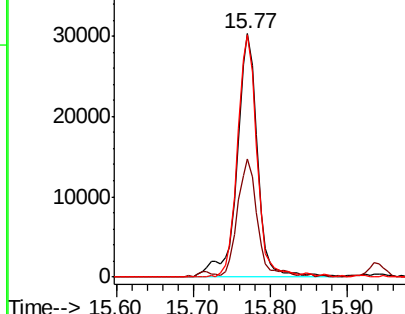


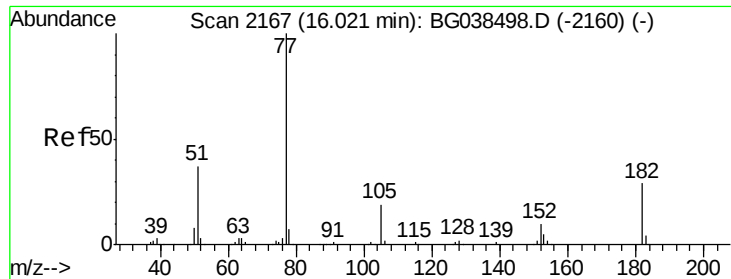
#62
 4-Nitroaniline
 Concen: 36.931 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BG038929.D
 Acq: 4 Jan 2019 14:35

Tgt Ion:138 Resp: 56602
 Ion Ratio Lower Upper
 138 100
 92 48.8 33.3 73.3
 108 99.5 81.4 121.4



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





#63

Azobenzene

Concen: 35.118 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038929.D

Acq: 4 Jan 2019 14:35

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 207547

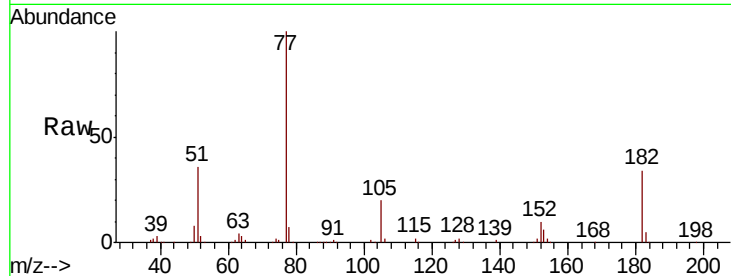
Ion	Ratio	Lower	Upper
77	100		
182	33.6	8.7	48.7
105	20.1	0.0	38.7
51	35.9	16.6	56.6

77 100

182 33.6 8.7 48.7

105 20.1 0.0 38.7

51 35.9 16.6 56.6

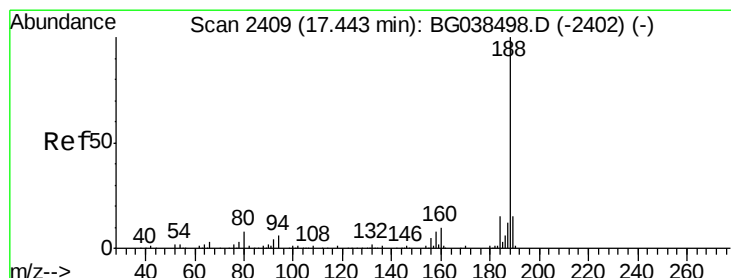
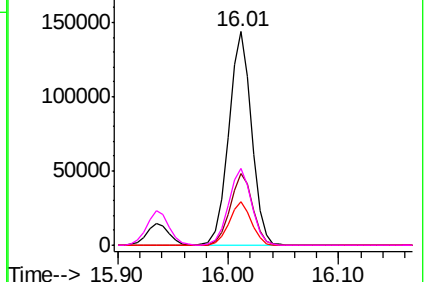
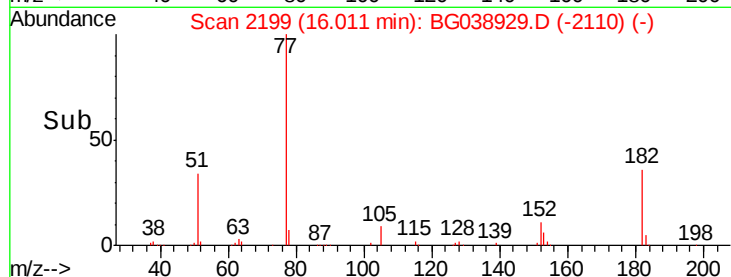


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG038929.D

Acq: 4 Jan 2019 14:35

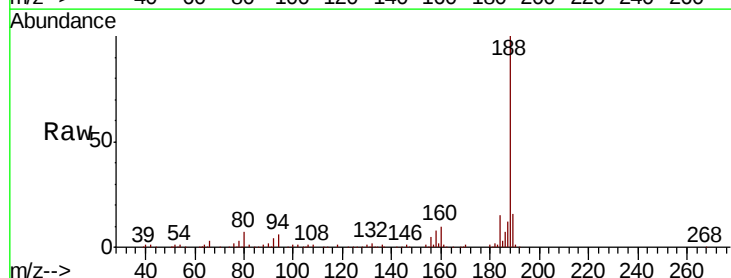
Tgt Ion: 188 Resp: 192003

Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.1	7.7
80	6.5	6.1	9.1

188 100

94 6.1 5.1 7.7

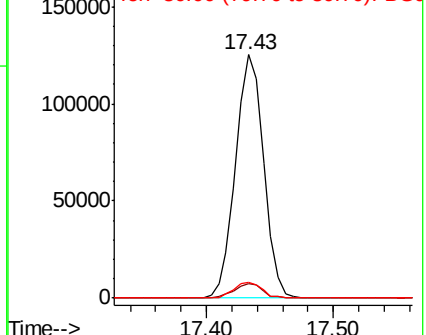
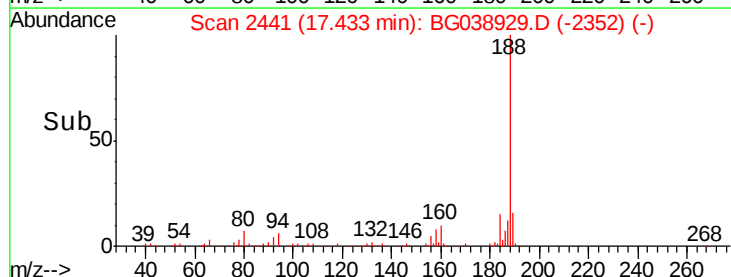
80 6.5 6.1 9.1

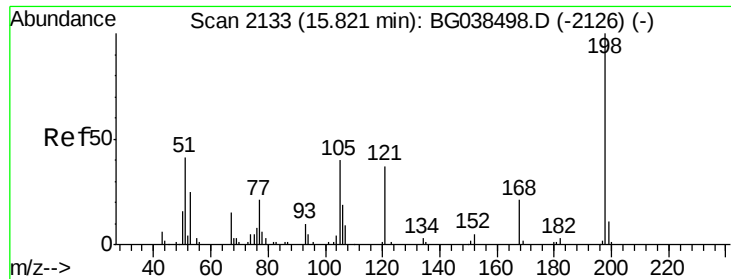


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 34.467 ng

RT: 15.82 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BG038929.D

Acq: 4 Jan 2019 14:35

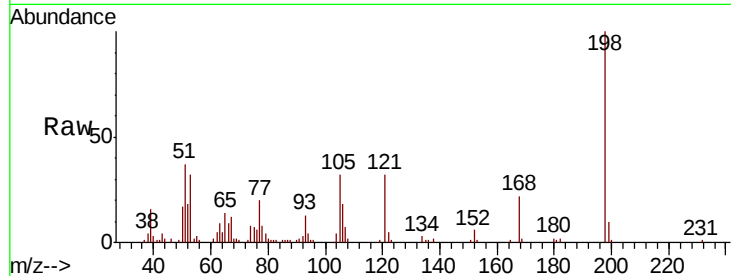
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 47208

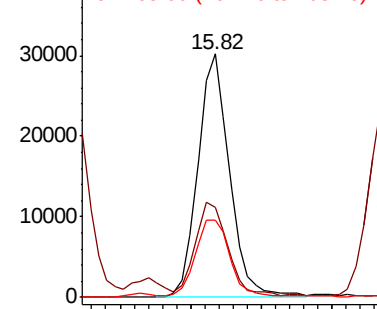
Ion	Ratio	Lower	Upper
198	100		
51	36.9	28.6	68.6
105	32.0	20.4	60.4



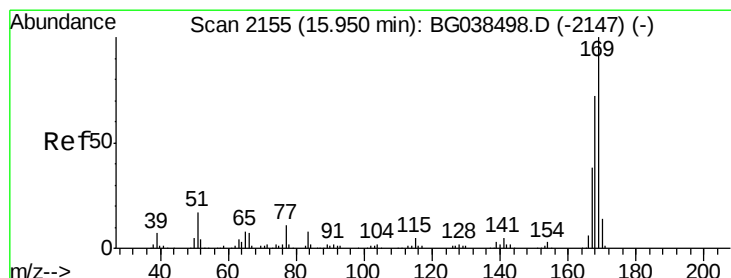
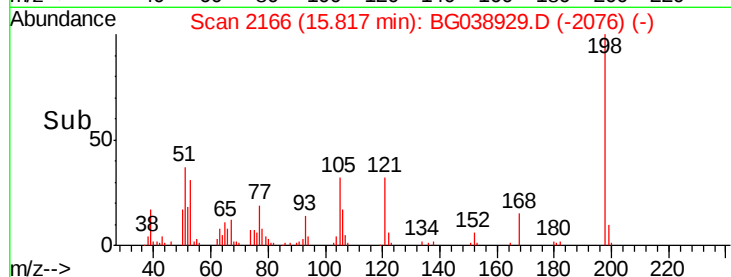
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG038929.D (-2076) (-)

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 39.802 ng

RT: 15.93 min Scan# 2186

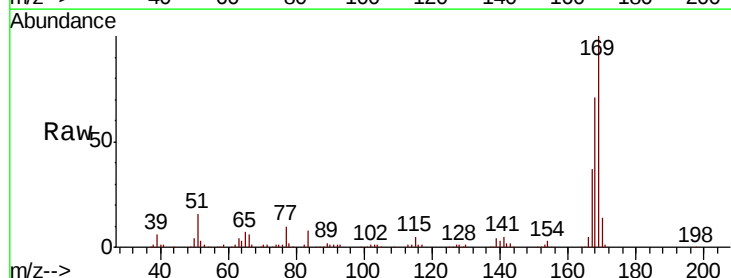
Delta R.T. -0.02 min

Lab File: BG038929.D

Acq: 4 Jan 2019 14:35

Tgt Ion:169 Resp: 224543

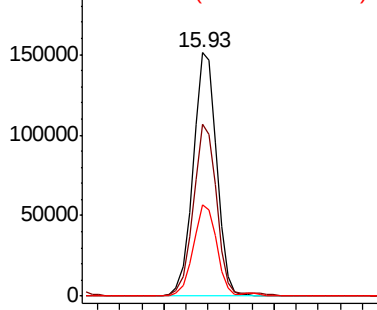
Ion	Ratio	Lower	Upper
169	100		
168	70.6	57.5	86.3
167	37.5	30.2	45.2



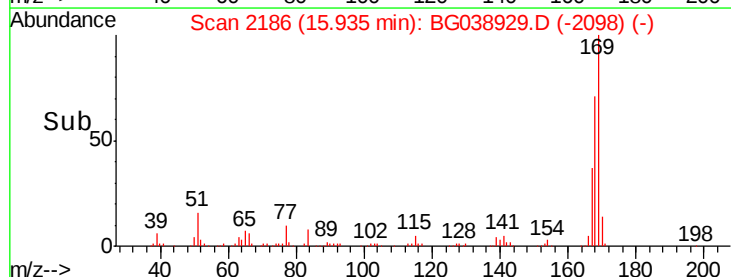
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->





#67

4-Bromophenyl-phenylether

Concen: 41.031 ng

RT: 16.61 min Scan# 2301

Delta R.T. -0.02 min

Lab File: BG038929.D

Acq: 4 Jan 2019 14:35

Instrument :

BNA_G

ClientSampleId :

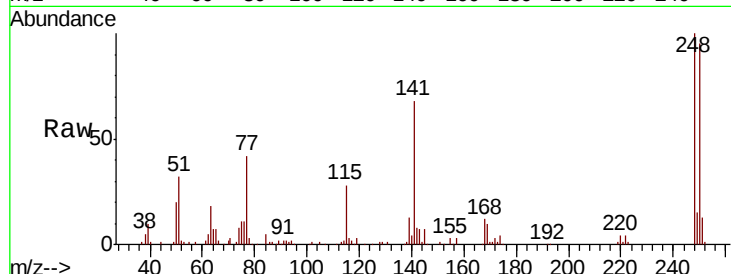
Tot Ion:248 Resp: 96215

Ion Ratio Lower Upper

248 100

250 95.3 73.4 110.2

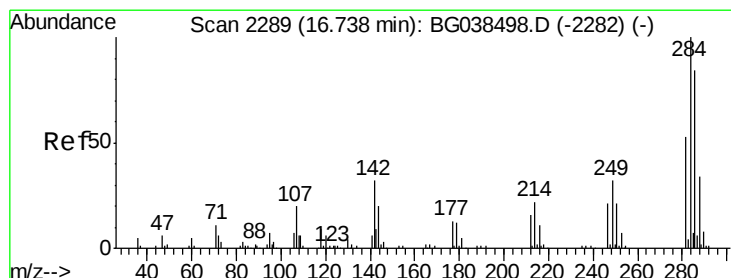
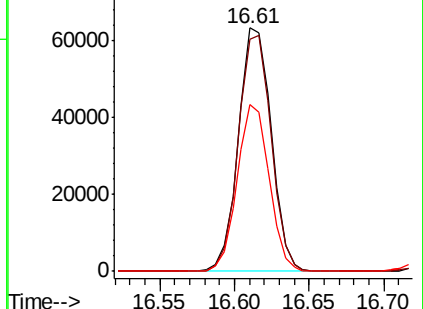
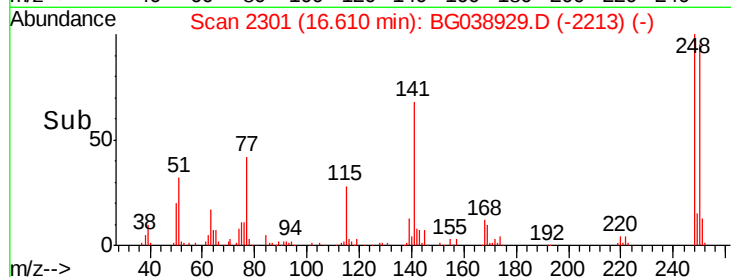
141 68.4 52.9 79.3



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 42.208 ng

RT: 16.73 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BG038929.D

Acq: 4 Jan 2019 14:35

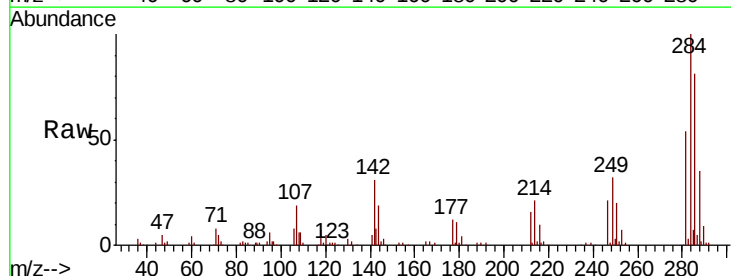
Tgt Ion:284 Resp: 102598

Ion Ratio Lower Upper

284 100

142 31.2 25.8 38.6

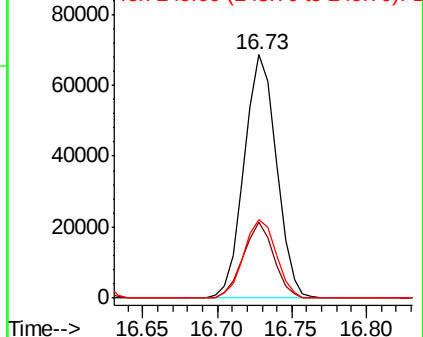
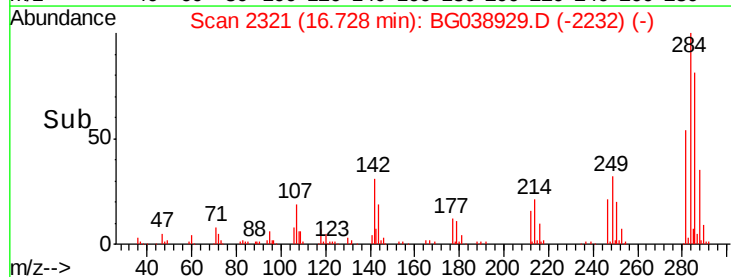
249 32.5 27.0 40.4

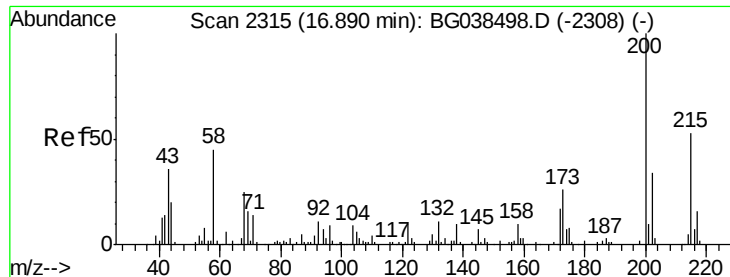


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 36.412 ng

RT: 16.88 min Scan# 2347

Delta R.T. -0.01 min

Lab File: BG038929.D

Acq: 4 Jan 2019 14:35

Instrument :

BNA_G

ClientSampleId :

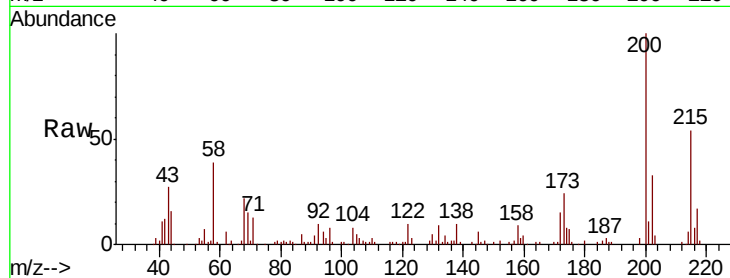
Tot Ion:200 Resp: 76233

Ion Ratio Lower Upper

200 100

173 24.4 5.9 45.9

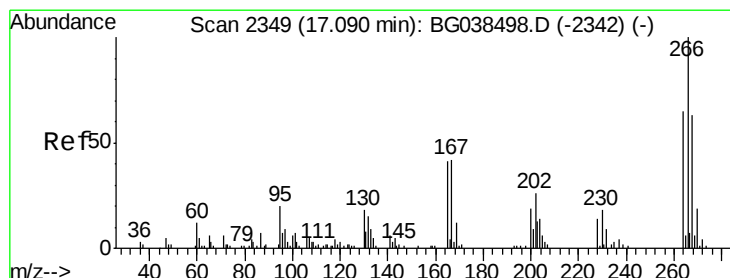
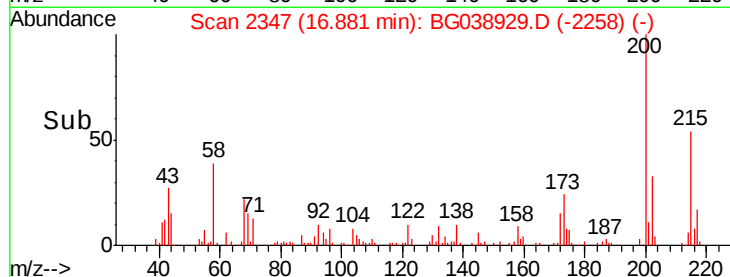
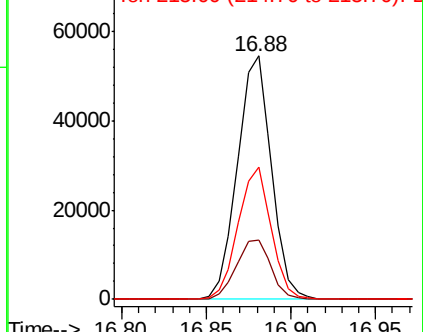
215 54.1 33.1 73.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 41.857 ng

RT: 17.08 min Scan# 2381

Delta R.T. -0.01 min

Lab File: BG038929.D

Acq: 4 Jan 2019 14:35

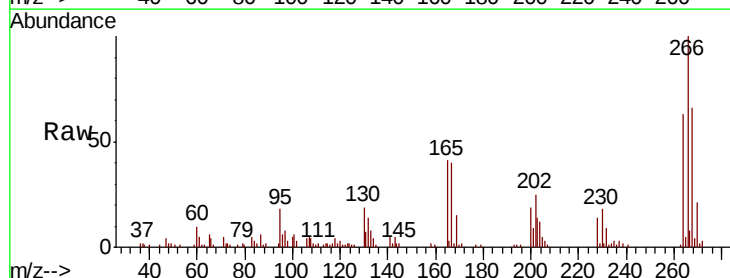
Tgt Ion:266 Resp: 60180

Ion Ratio Lower Upper

266 100

268 70.2 55.0 82.6

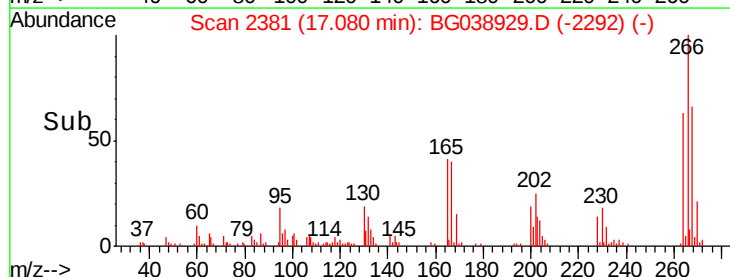
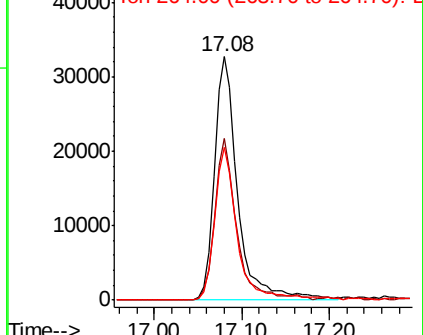
264 62.6 56.7 85.1

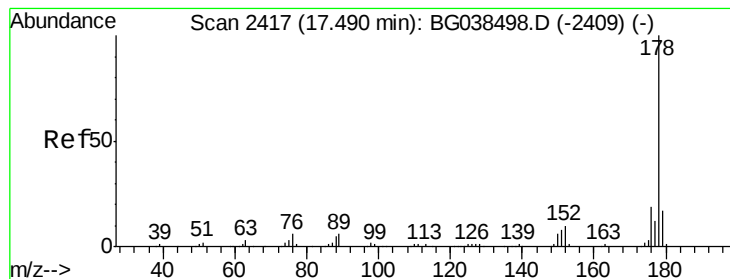


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.833 ng

RT: 17.47 min Scan# 2448

Delta R.T. -0.02 min

Lab File: BG038929.D

Acq: 4 Jan 2019 14:35

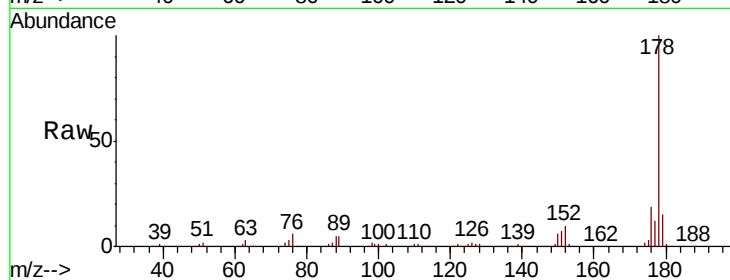
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 386646

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	15.5	13.2	19.8

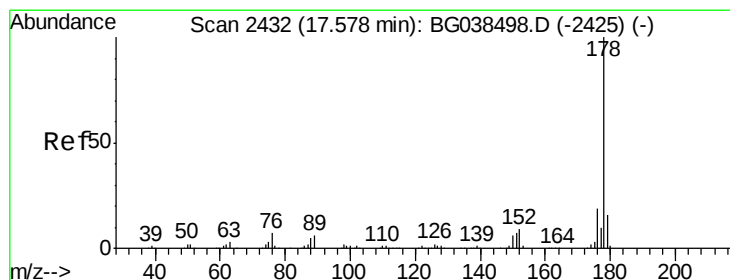
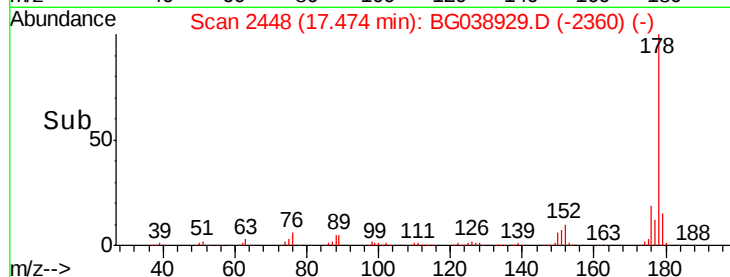
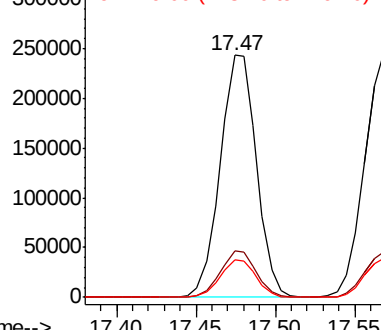


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.367 ng

RT: 17.57 min Scan# 2464

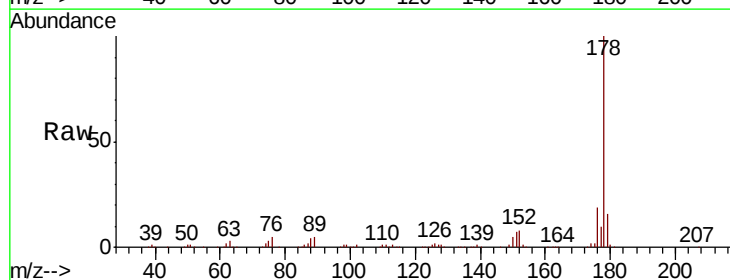
Delta R.T. -0.01 min

Lab File: BG038929.D

Acq: 4 Jan 2019 14:35

Tgt Ion:178 Resp: 386947

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	16.0	12.9	19.3

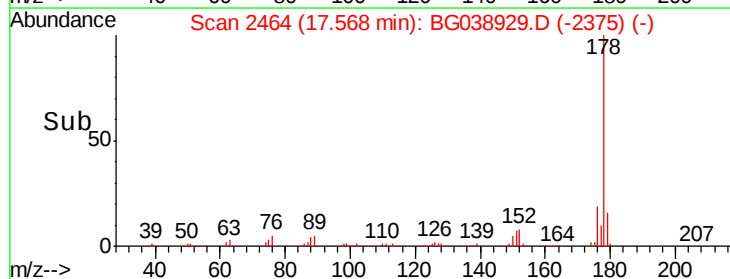
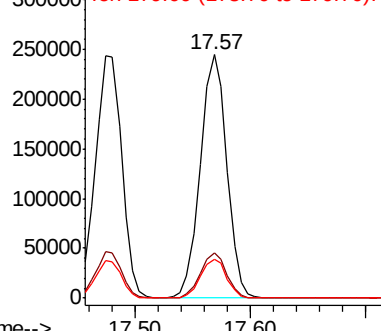


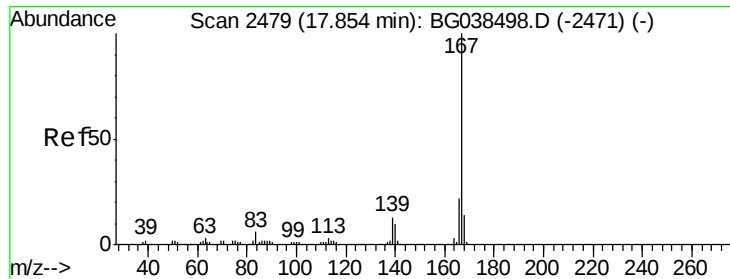
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

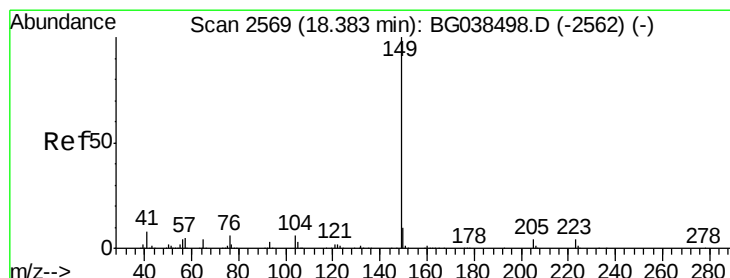
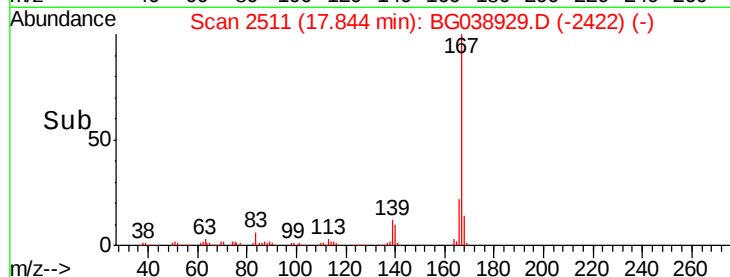
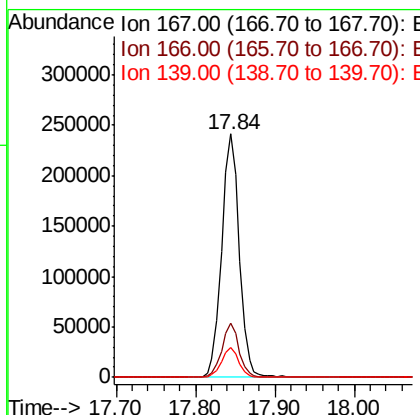
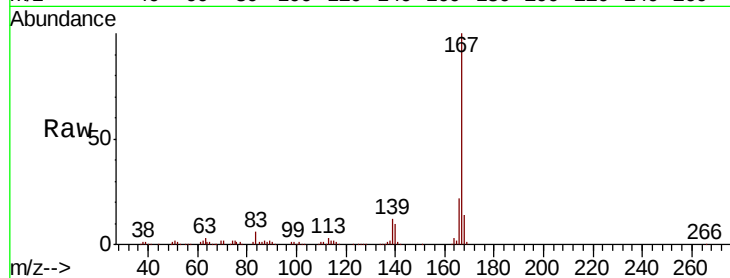




#73
 Carbazole
 Concen: 38.177 ng
 RT: 17.84 min Scan# 2511
 Delta R.T. -0.01 min
 Lab File: BG038929.D
 Acq: 4 Jan 2019 14:35

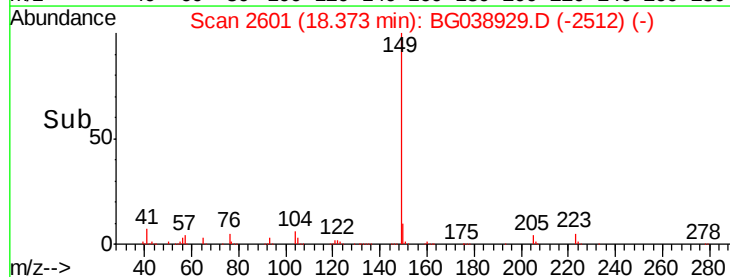
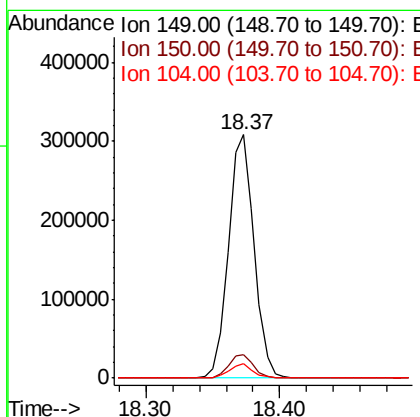
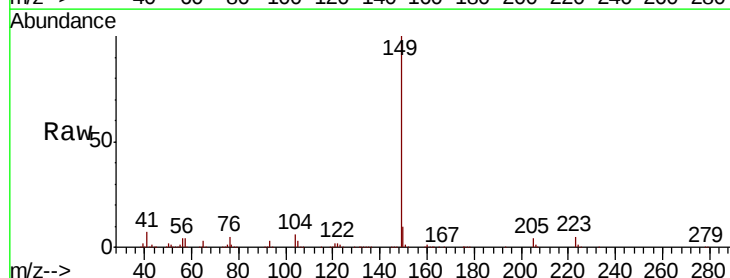
Instrument :
 BNA_G
 ClientSampleId :

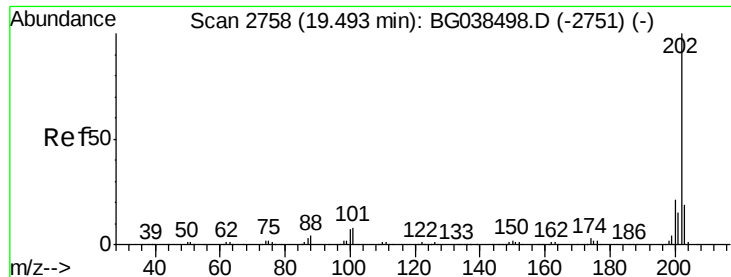
Tot Ion	167	Resp	371120
Ion Ratio	Lower	Upper	
167	100		
166	22.4	17.9	26.9
139	12.3	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 36.995 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG038929.D
 Acq: 4 Jan 2019 14:35

Tgt Ion	149	Resp	412653
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.6	11.4
104	5.8	5.0	7.4





#75

Fluoranthene

Concen: 37.848 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BG038929.D

Acq: 4 Jan 2019 14:35

Instrument :

BNA_G

ClientSampleId :

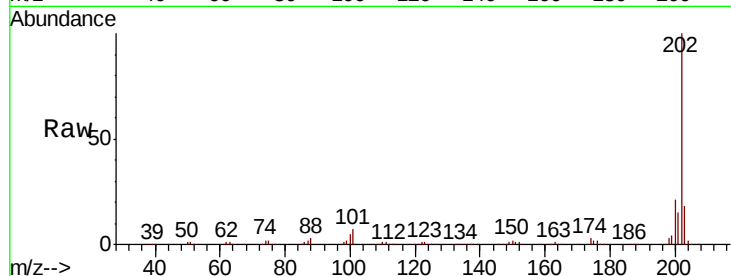
Tot Ion:202 Resp: 466256

Ion Ratio Lower Upper

202 100

101 6.6 0.0 28.1

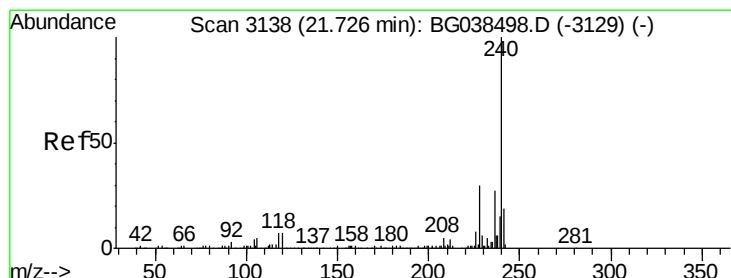
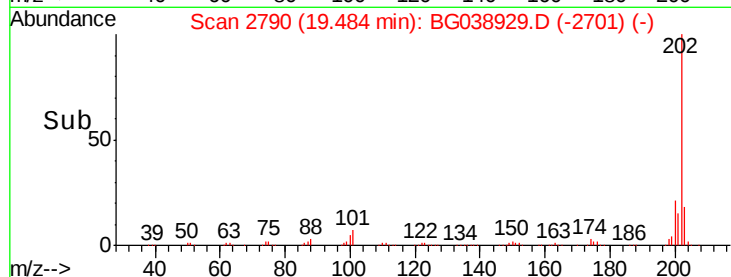
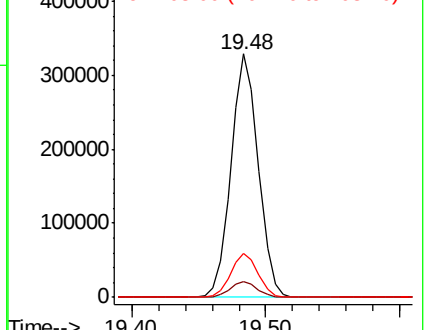
203 18.0 0.0 39.0



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG038929.D

Acq: 4 Jan 2019 14:35

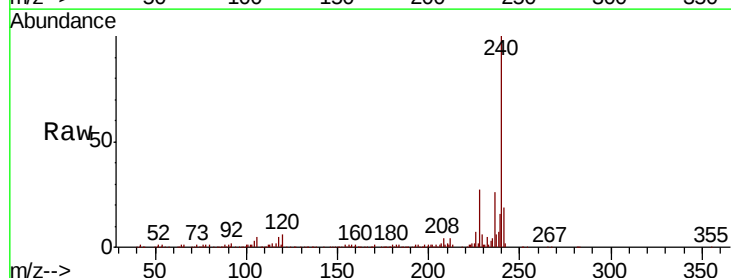
Tgt Ion:240 Resp: 193423

Ion Ratio Lower Upper

240 100

120 5.6 5.3 7.9

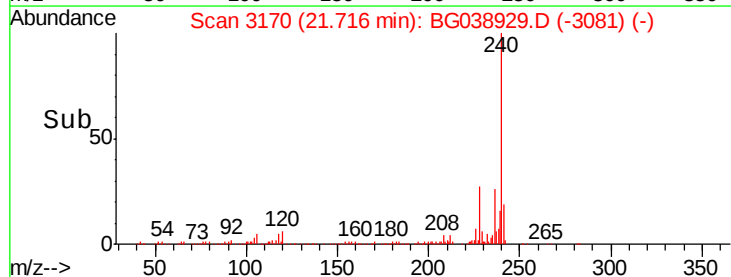
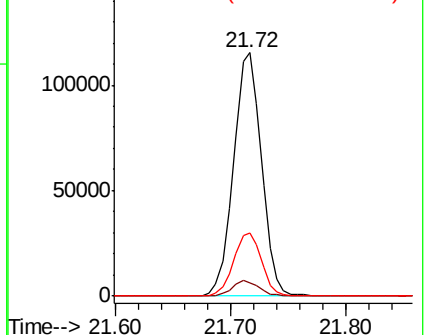
236 25.8 21.4 32.2

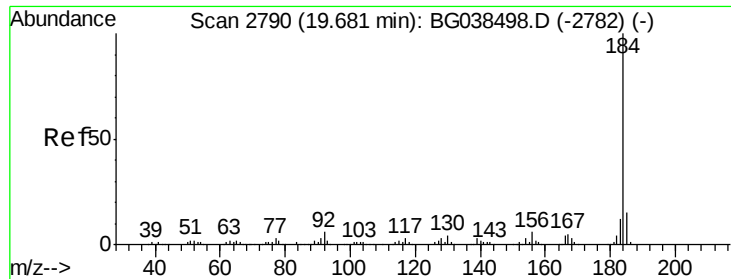


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 29.961 ng

RT: 19.67 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BG038929.D

Acq: 4 Jan 2019 14:35

Instrument :

BNA_G

ClientSampleId :

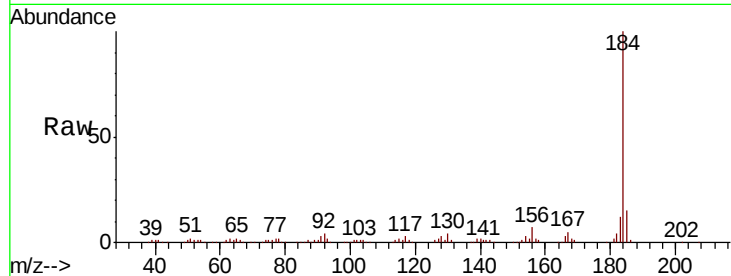
Tot Ion:184 Resp: 171388

Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.2	18.2
183	12.0	9.6	14.4

184 100

185 15.0 12.2 18.2

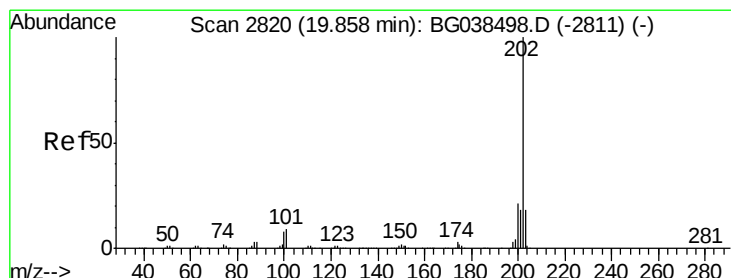
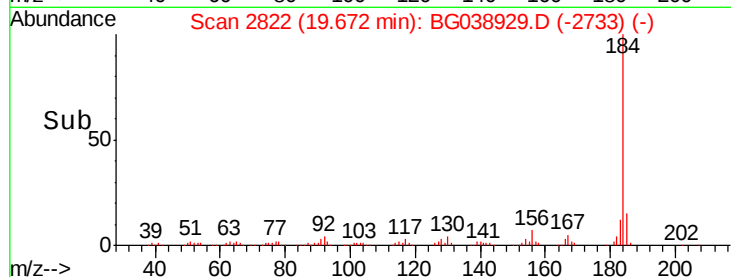
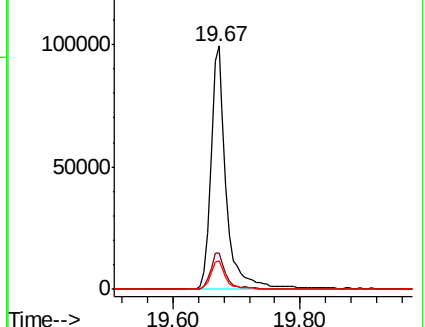
183 12.0 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.549 ng

RT: 19.85 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG038929.D

Acq: 4 Jan 2019 14:35

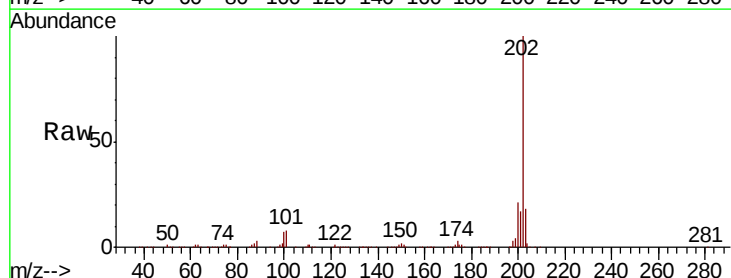
Tgt Ion:202 Resp: 479801

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	18.5	14.6	21.8

202 100

200 20.7 16.6 25.0

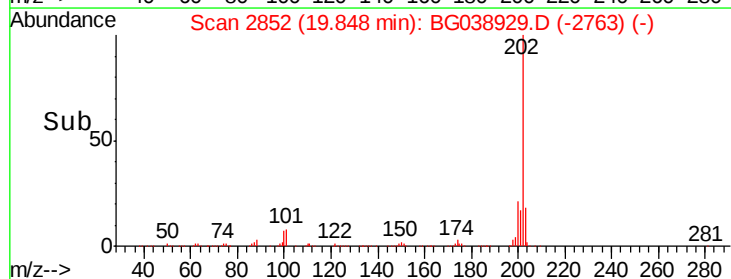
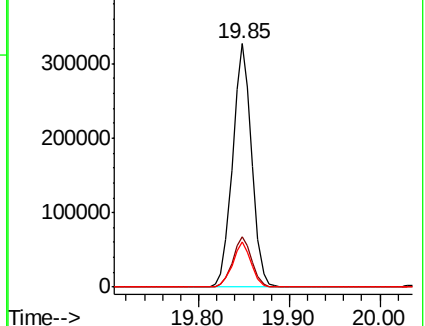
203 18.5 14.6 21.8

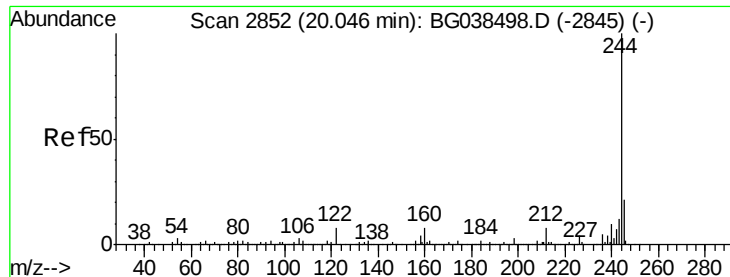


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.850 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038929.D

Acq: 4 Jan 2019 14:35

Instrument :

BNA_G

ClientSampleId :

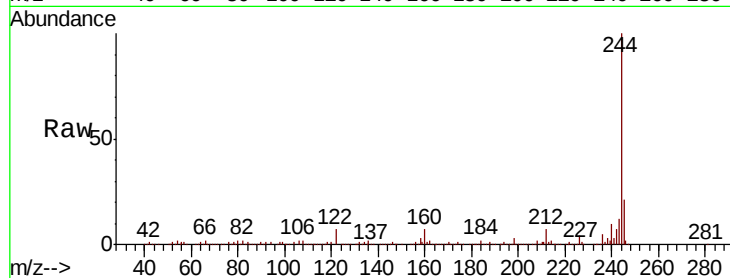
Tot Ion:244 Resp: 674119

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

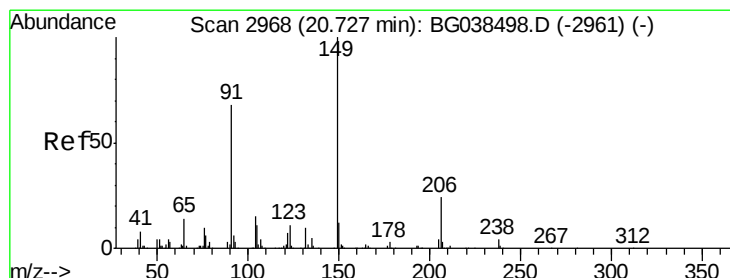
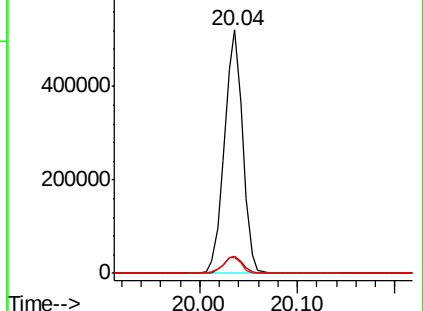
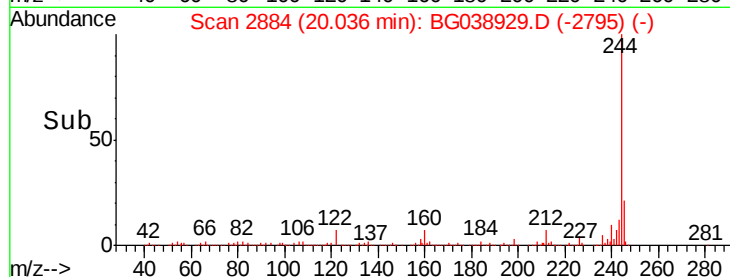
122 6.7 6.3 9.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.250 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.02 min

Lab File: BG038929.D

Acq: 4 Jan 2019 14:35

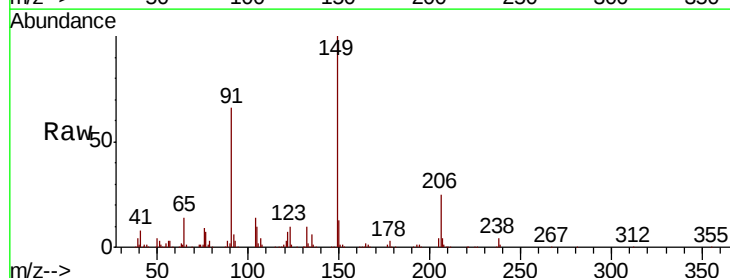
Tgt Ion:149 Resp: 185959

Ion Ratio Lower Upper

149 100

91 65.5 54.5 81.7

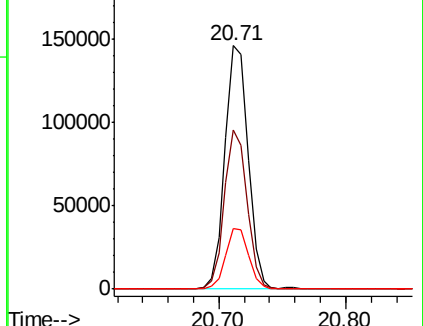
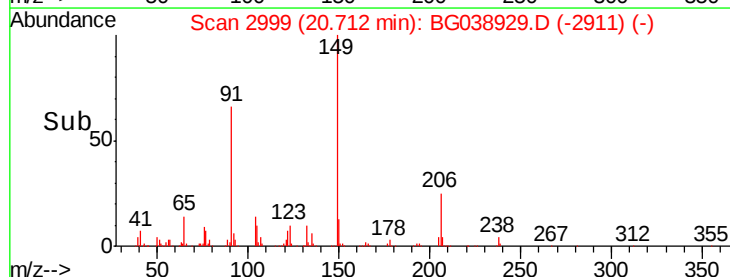
206 25.1 19.0 28.6

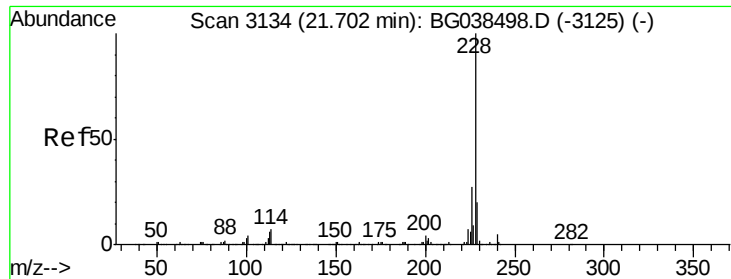


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

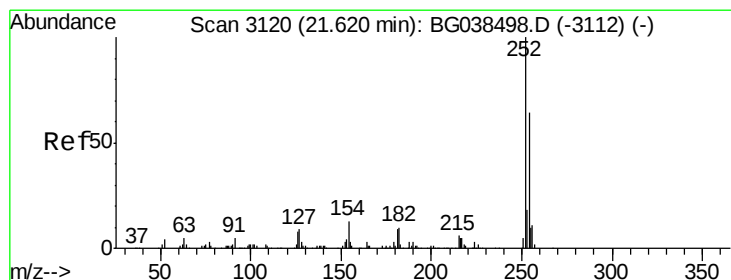
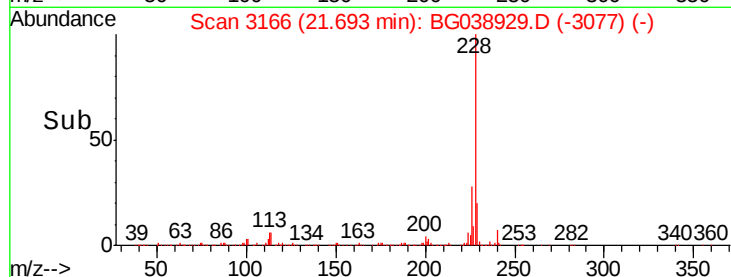
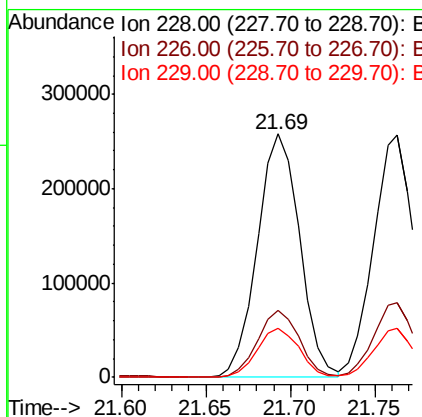
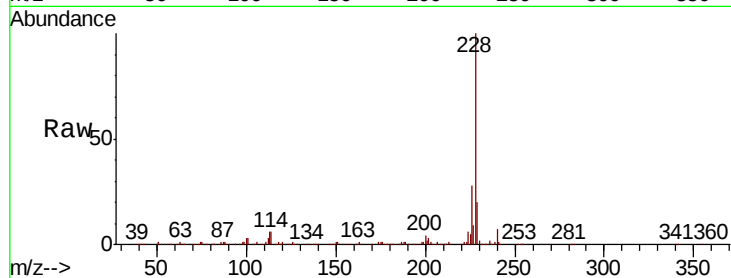




#81
Benzo(a)anthracene
Concen: 38.241 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG038929.D
Acq: 4 Jan 2019 14:35

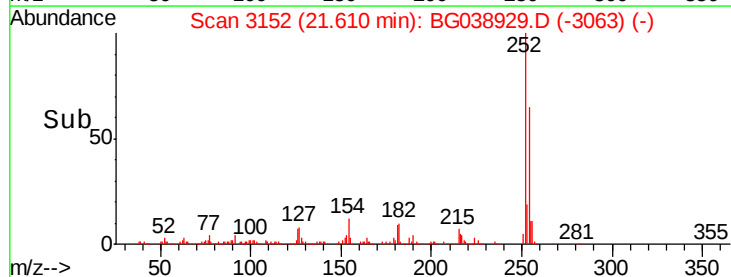
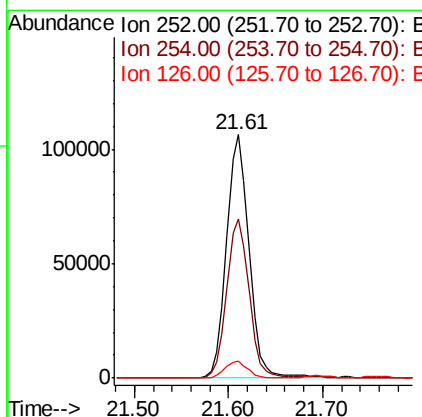
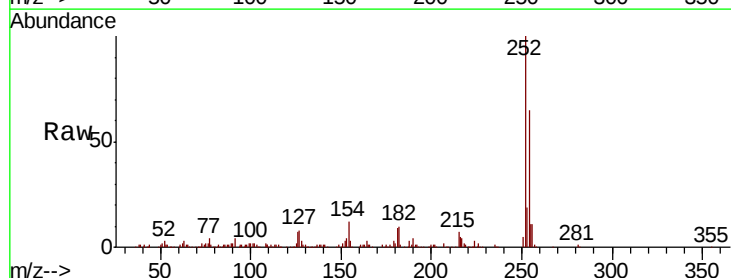
Instrument :
BNA_G
ClientSampleId :

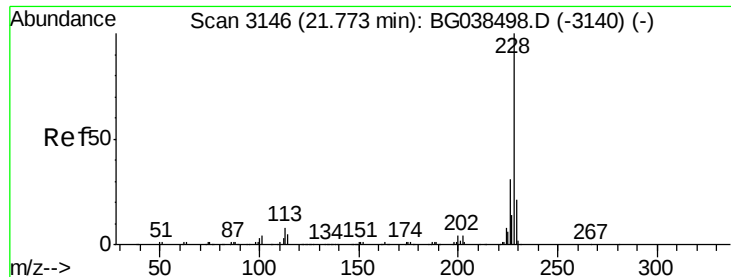
Tot Ion:228 Resp: 450722
Ion Ratio Lower Upper
228 100
226 27.6 21.8 32.8
229 19.9 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 38.043 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG038929.D
Acq: 4 Jan 2019 14:35

Tgt Ion:252 Resp: 177831
Ion Ratio Lower Upper
252 100
254 65.2 50.9 76.3
126 7.2 6.3 9.5

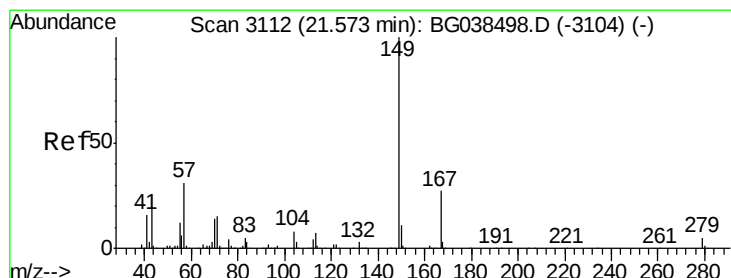
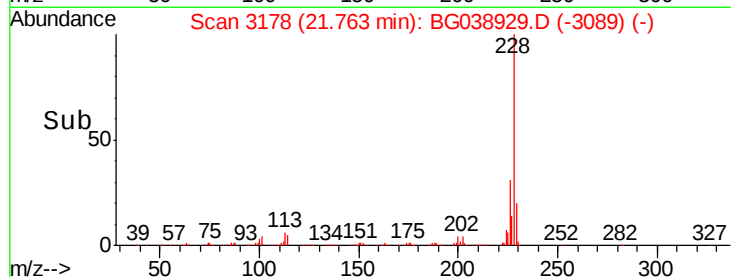
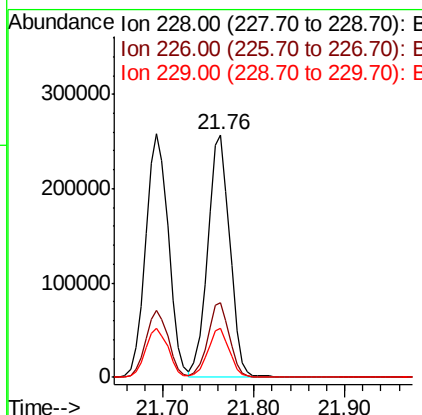
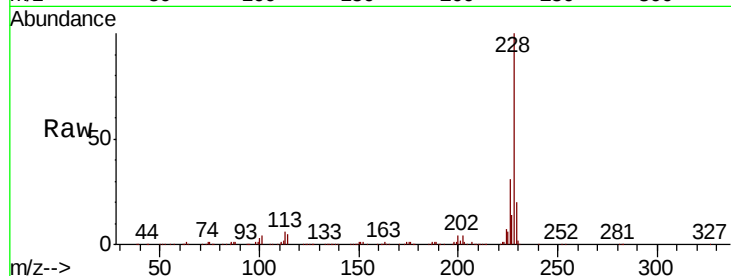




#83
Chrysene
Concen: 38.179 ng
RT: 21.76 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BG038929.D
Acq: 4 Jan 2019 14:35

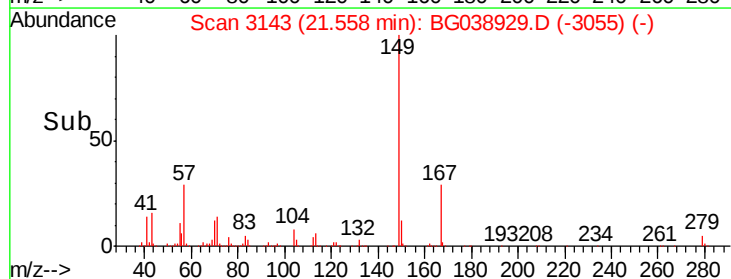
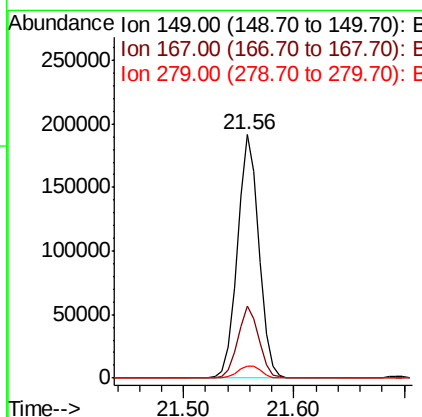
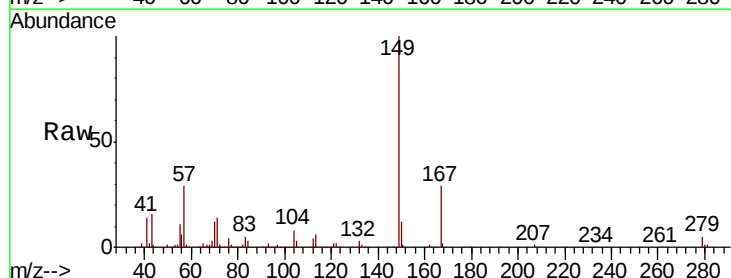
Instrument :
BNA_G
ClientSampleId :

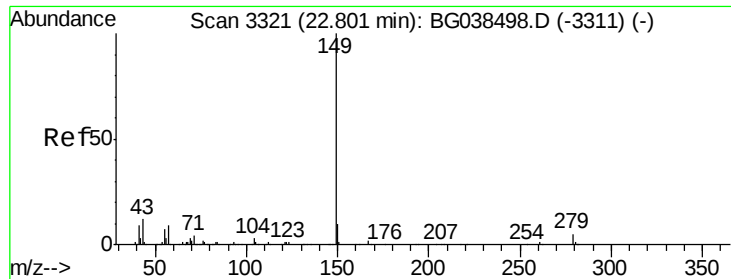
Tot Ion:228 Resp: 433423
Ion Ratio Lower Upper
228 100
226 30.7 25.0 37.4
229 20.4 16.5 24.7



#84
Bis(2-ethylhexyl)phthalate
Concen: 36.969 ng
RT: 21.56 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG038929.D
Acq: 4 Jan 2019 14:35

Tgt Ion:149 Resp: 261757
Ion Ratio Lower Upper
149 100
167 29.4 21.9 32.9
279 5.2 4.2 6.2

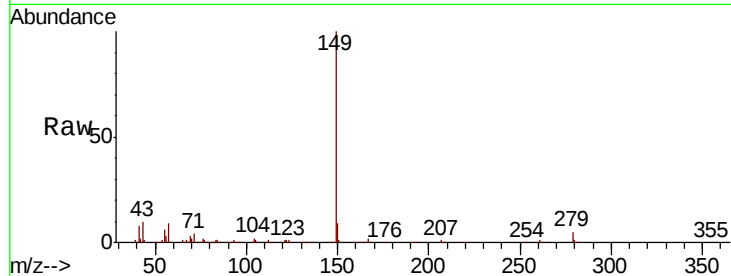




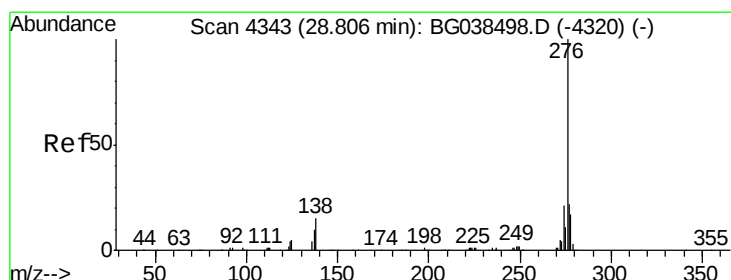
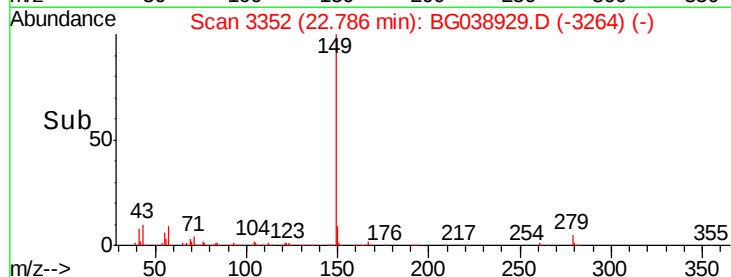
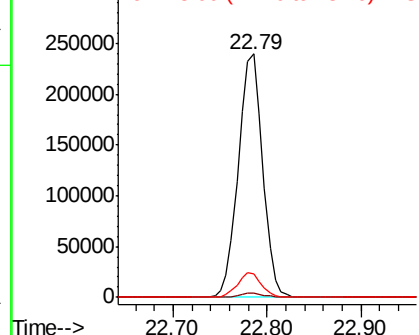
#85
Di-n-octyl phthalate
Concen: 36.436 ng
RT: 22.79 min Scan# 3352
Delta R.T. -0.02 min
Lab File: BG038929.D
Acq: 4 Jan 2019 14:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 432047
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.3 9.3 13.9

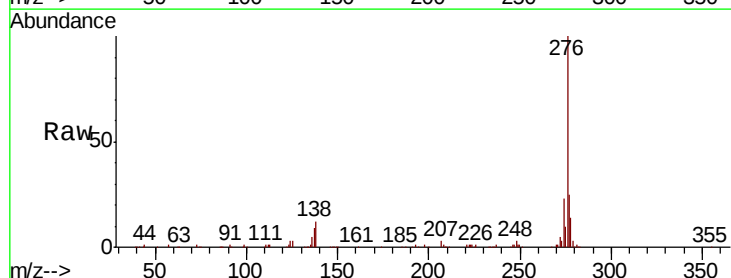


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

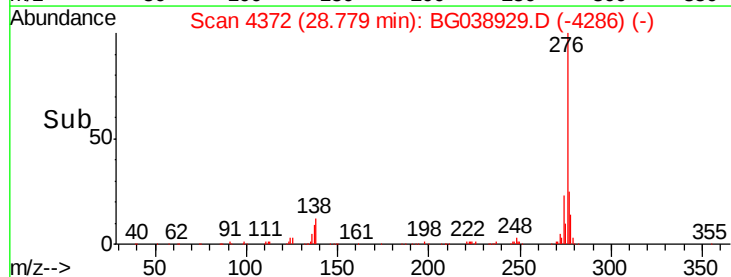
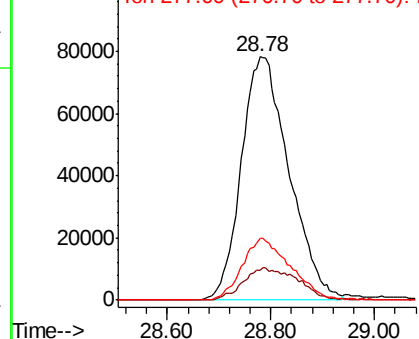


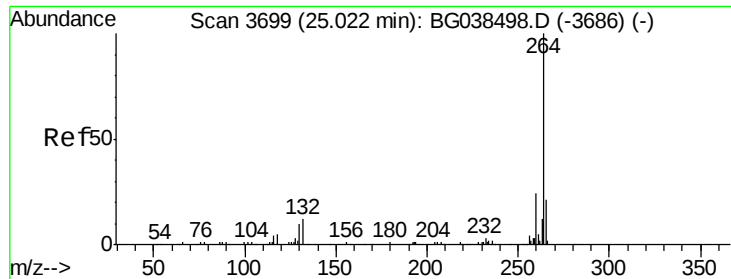
#86
Indeno(1,2,3-cd)pyrene
Concen: 37.540 ng
RT: 28.78 min Scan# 4372
Delta R.T. -0.03 min
Lab File: BG038929.D
Acq: 4 Jan 2019 14:35

Tgt Ion:276 Resp: 501026
Ion Ratio Lower Upper
276 100
138 15.0 14.4 21.6
277 25.8 0.0 0.0#



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

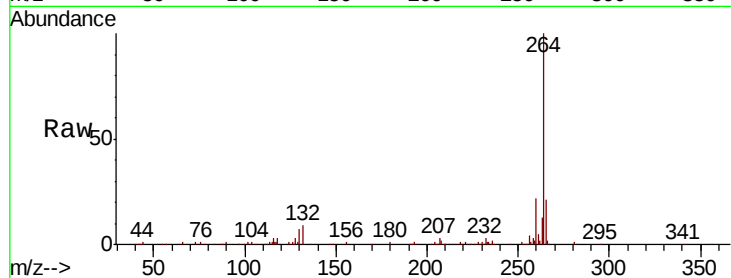




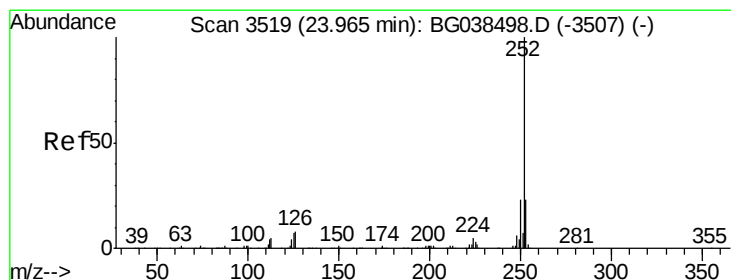
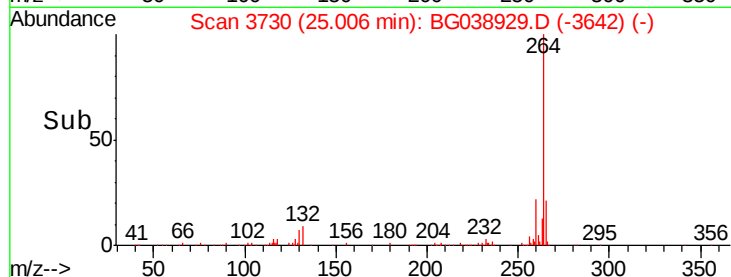
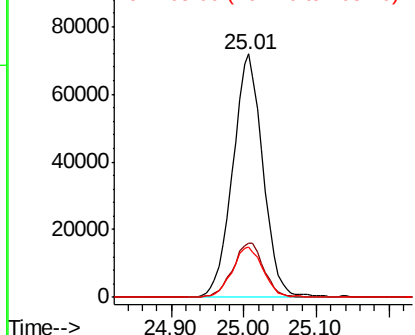
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3730
Delta R.T. -0.02 min
Lab File: BG038929.D
Acq: 4 Jan 2019 14:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 206896
Ion Ratio Lower Upper
264 100
260 22.4 18.9 28.3
265 20.9 17.0 25.4

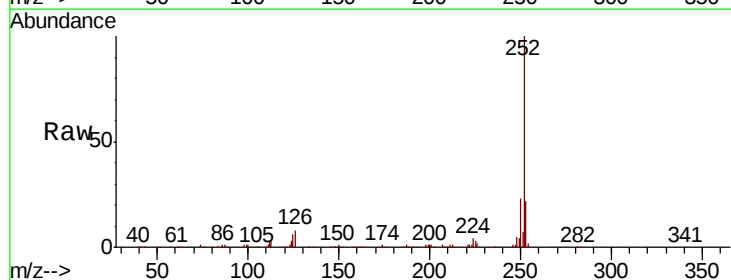


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

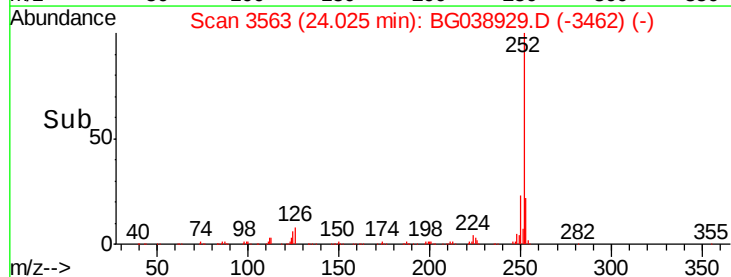
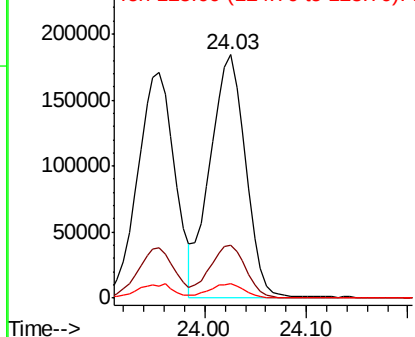


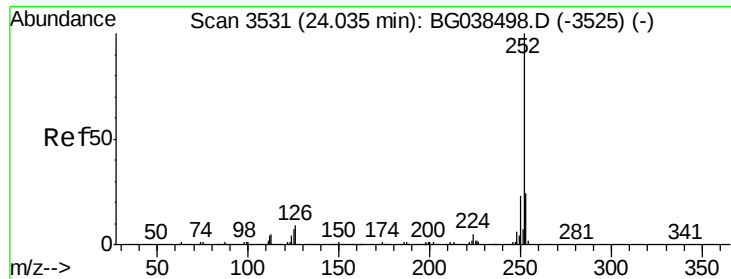
#88
Benzo(b)fluoranthene
Concen: 39.275 ng
RT: 24.03 min Scan# 3563
Delta R.T. 0.06 min
Lab File: BG038929.D
Acq: 4 Jan 2019 14:35

Tgt Ion:252 Resp: 446138
Ion Ratio Lower Upper
252 100
253 21.5 18.1 27.1
125 5.7 5.5 8.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

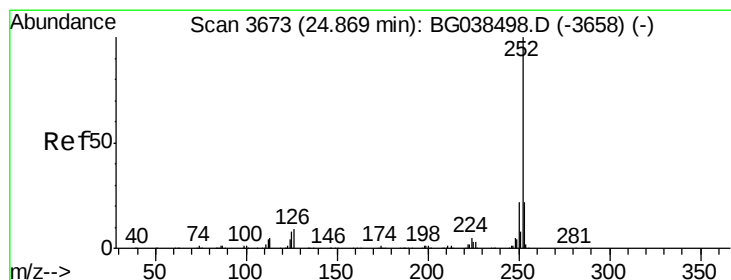
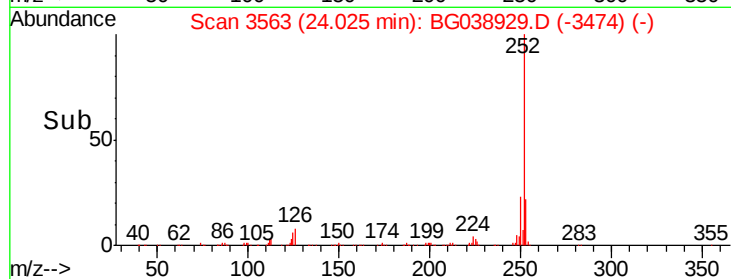
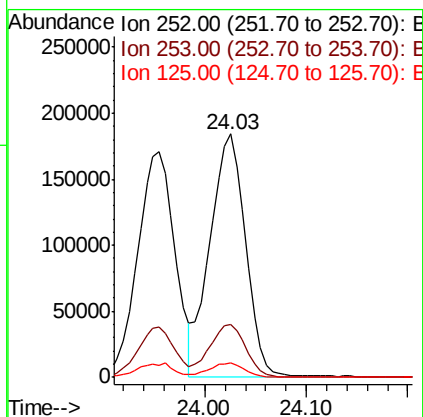
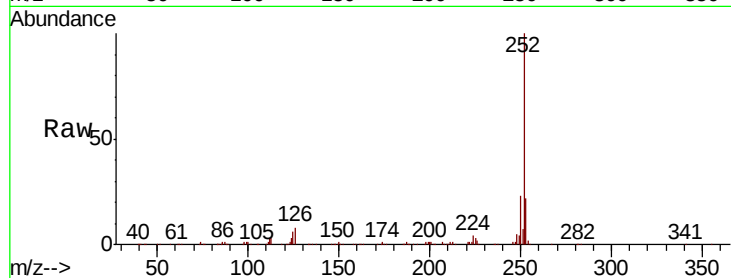




#89
Benzo(k)fluoranthene
Concen: 39.441 ng
RT: 24.03 min Scan# 3563
Delta R.T. -0.01 min
Lab File: BG038929.D
Acq: 4 Jan 2019 14:35

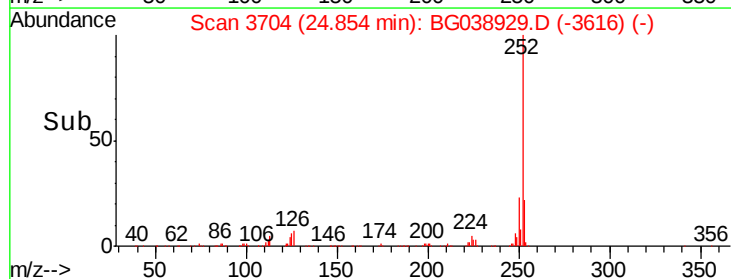
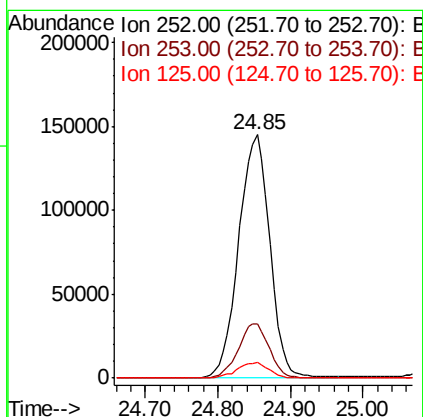
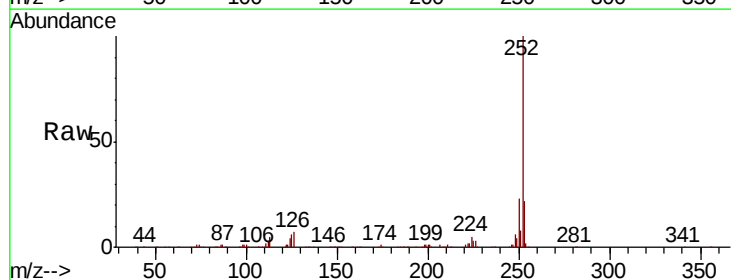
Instrument :
BNA_G
ClientSampleId :

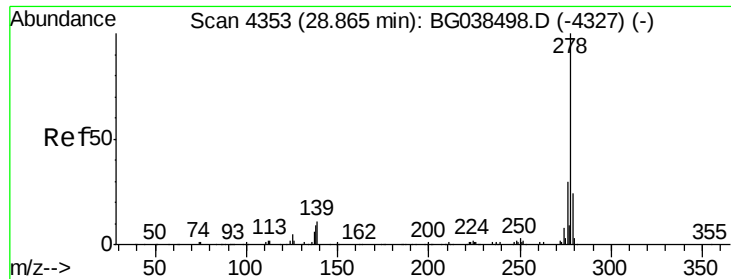
Tot Ion:252 Resp: 446138
Ion Ratio Lower Upper
252 100
253 21.5 18.9 28.3
125 5.7 5.4 8.2



#90
Benzo(a)pyrene
Concen: 39.487 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.02 min
Lab File: BG038929.D
Acq: 4 Jan 2019 14:35

Tgt Ion:252 Resp: 432728
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 6.4 6.4 9.6

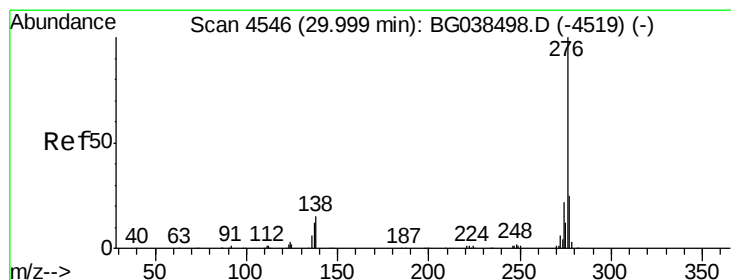
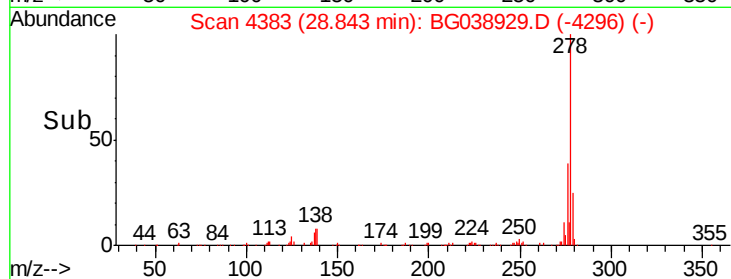
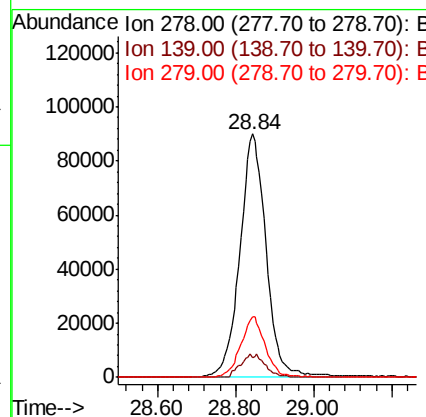
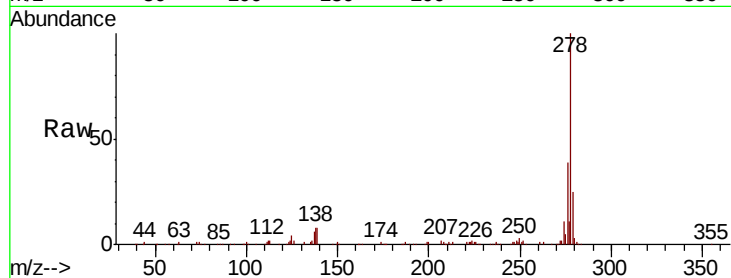




#91
Dibenzo(a,h)anthracene
Concen: 38.808 ng
RT: 28.84 min Scan# 4383
Delta R.T. -0.02 min
Lab File: BG038929.D
Acq: 4 Jan 2019 14:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 423454
Ion Ratio Lower Upper
278 100
139 8.2 8.6 12.8#
279 24.9 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 38.548 ng
RT: 29.98 min Scan# 4576
Delta R.T. -0.02 min
Lab File: BG038929.D
Acq: 4 Jan 2019 14:35

Tgt Ion:276 Resp: 414515
Ion Ratio Lower Upper
276 100
277 23.9 19.8 29.8
138 13.1 11.8 17.6

