

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012219\
 Data File : BG039252.D
 Acq On : 22 Jan 2019 15:47
 Operator : JU/SJ
 Sample : PB116551BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116551BSD

Quant Time: Jan 22 16:59:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	16030	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	64976	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	46225	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	124524	20.00	ng	0.00
76) Chrysene-d12	21.67	240	130280	20.00	ng	-0.01
87) Perylene-d12	24.92	264	131990	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	169670	200.79	ng	0.00
7) Phenol-d6	7.17	99	168480	138.54	ng	0.00
23) Nitrobenzene-d5	9.18	82	95212	80.18	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	101995	131.63	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	266158	78.80	ng	0.00
79) Terphenyl-d14	20.00	244	566669	80.46	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.43	88	18931	57.208	ng	# 90
3) Pyridine	3.84	79	28261	31.430	ng	97
4) n-Nitrosodimethylamine	3.76	42	19069	47.128	ng	88
6) Aniline	7.34	93	46417	31.782	ng	97
8) 2-Chlorophenol	7.57	128	45571	45.749	ng	96
9) Benzaldehyde	7.15	77	11542	16.457	ng	99
10) Phenol	7.20	94	55567	45.575	ng	99
11) bis(2-Chloroethyl)ether	7.43	93	35501	38.097	ng	98
12) 1,3-Dichlorobenzene	7.89	146	45847	38.415	ng	98
13) 1,4-Dichlorobenzene	8.04	146	47358	39.181	ng	99
14) 1,2-Dichlorobenzene	8.36	146	45771	39.716	ng	96
15) Benzyl Alcohol	8.25	79	39649	43.293	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	73903	41.360	ng	97
17) 2-Methylphenol	8.45	107	38541	45.524	ng	96
18) Hexachloroethane	9.08	117	16286	39.660	ng	99
19) n-Nitroso-di-n-propylamine	8.81	70	30505	38.199	ng	98
20) 3+4-Methylphenols	8.78	107	52578	43.559	ng	98
22) Acetophenone	8.84	105	64536	38.033	ng	99
24) Nitrobenzene	9.22	77	48102	40.077	ng	100
25) Isophorone	9.74	82	87836	42.943	ng	98
26) 2-Nitrophenol	9.93	139	26807	41.293	ng	97
27) 2,4-Dimethylphenol	9.98	122	43792	47.947	ng	89
28) bis(2-Chloroethoxy)methane	10.22	93	53077	43.176	ng	98
29) 2,4-Dichlorophenol	10.47	162	52646	46.398	ng	93
30) 1,2,4-Trichlorobenzene	10.68	180	53725	39.407	ng	98
31) Naphthalene	10.87	128	140023	42.967	ng	99
32) Benzoic acid	10.16	122	15103	31.042	ng	95
33) 4-Chloroaniline	10.99	127	34174	23.436	ng	99
34) Hexachlorobutadiene	11.13	225	36214	38.604	ng	98
35) Caprolactam	11.78	113	9622	21.147	ng	93
36) 4-Chloro-3-methylphenol	12.11	107	51336	42.301	ng	90
37) 2-Methylnaphthalene	12.47	142	106494	43.587	ng	99
38) 1-Methylnaphthalene	12.70	142	101503	43.282	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	69536	40.055	ng	99

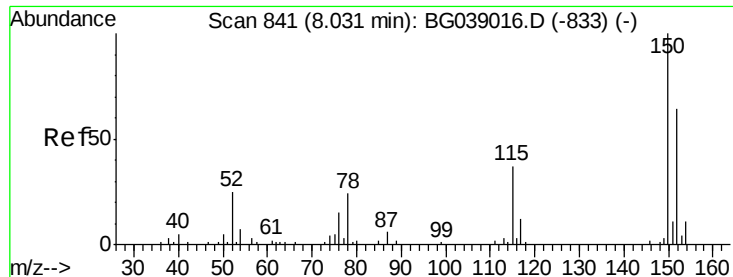
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012219\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	72538	74.606	ng	95
43) 2,4,6-Trichlorophenol	13.08	196	46278	42.356	ng	97
44) 2,4,5-Trichlorophenol	13.16	196	51127	44.274	ng	99
46) 1,1'-Biphenyl	13.48	154	144722	39.512	ng	98
47) 2-Chloronaphthalene	13.53	162	115391	38.931	ng	98
48) 2-Nitroaniline	13.74	65	34866	41.988	ng	96
49) Acenaphthylene	14.37	152	192898	43.298	ng	96
50) Dimethylphthalate	14.10	163	158700	40.628	ng	100
51) 2,6-Dinitrotoluene	14.24	165	35754	40.940	ng	98
52) Acenaphthene	14.71	154	109268	40.822	ng	98
53) 3-Nitroaniline	14.57	138	25168	28.408	ng	94
54) 2,4-Dinitrophenol	14.78	184	30533	59.926	ng	95
55) Dibenzofuran	15.05	168	192347	40.687	ng	99
56) 4-Nitrophenol	14.88	139	53147	83.374	ng	100
57) 2,4-Dinitrotoluene	15.02	165	50836	40.573	ng	# 94
58) Fluorene	15.69	166	157124	44.156	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	50051	45.915	ng	# 97
60) Diethylphthalate	15.45	149	162718	40.431	ng	99
61) 4-Chlorophenyl-phenylether	15.68	204	89539	39.940	ng	99
62) 4-Nitroaniline	15.74	138	37767	40.921	ng	96
63) Azobenzene	15.97	77	127694	40.572	ng	97
65) 4,6-Dinitro-2-methylphenol	15.79	198	31345	33.977	ng	93
66) n-Nitrosodiphenylamine	15.90	169	142885	38.706	ng	99
67) 4-Bromophenyl-phenylether	16.57	248	58972	36.841	ng	97
68) Hexachlorobenzene	16.69	284	66492	38.068	ng	99
69) Atrazine	16.84	200	60093	38.319	ng	98
70) Pentachlorophenol	17.04	266	59197	56.677	ng	97
71) Phenanthrene	17.44	178	276853	42.062	ng	99
72) Anthracene	17.53	178	279630	42.968	ng	99
73) Carbazole	17.81	167	245441	38.205	ng	99
74) Di-n-butylphthalate	18.34	149	283416	39.656	ng	98
75) Fluoranthene	19.45	202	347095	42.539	ng	99
77) Benzidine	19.64	184	111633	28.015	ng	99
78) Pyrene	19.81	202	348994	42.034	ng	99
80) Butylbenzylphthalate	20.68	149	130844	41.435	ng	99
81) Benzo(a)anthracene	21.65	228	346197	43.652	ng	99
82) 3,3'-Dichlorobenzidine	21.56	252	87904	27.203	ng	96
83) Chrysene	21.72	228	322169	42.712	ng	100
84) Bis(2-ethylhexyl)phthalate	21.52	149	178542	40.720	ng	98
85) Di-n-octyl phthalate	22.73	149	309110	41.693	ng	99
86) Indeno(1,2,3-cd)pyrene	28.67	276	405086	44.945	ng	# 80
88) Benzo(b)fluoranthene	23.88	252	347549	47.754	ng	100
89) Benzo(k)fluoranthene	23.95	252	323924	45.015	ng	96
90) Benzo(a)pyrene	24.77	252	333192	47.364	ng	99
91) Dibenzo(a,h)anthracene	28.71	278	335745	47.983	ng	99
92) Benzo(g,h,i)perylene	29.84	276	326443	47.125	ng	98

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

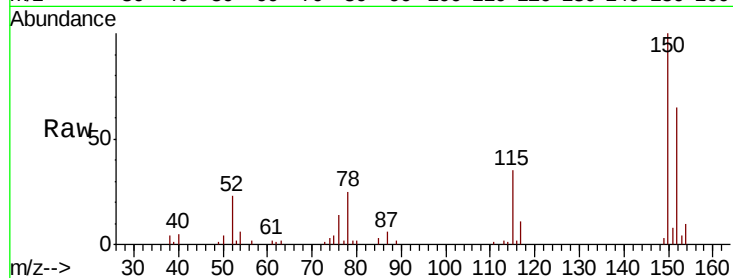


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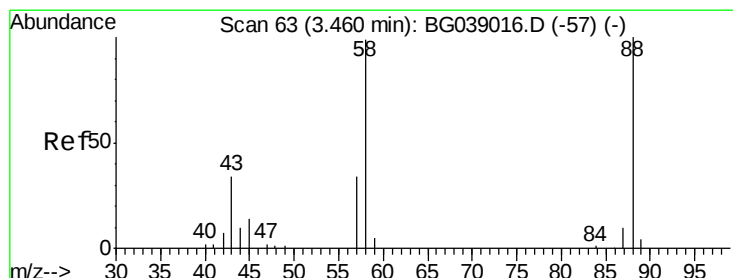
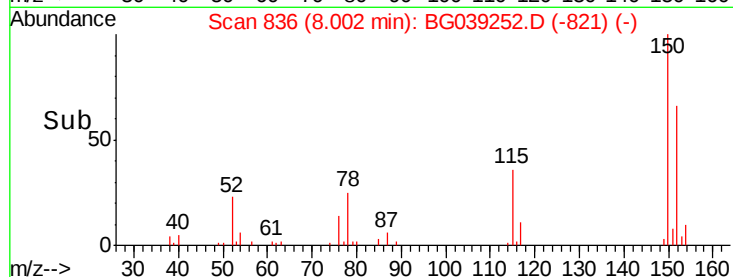
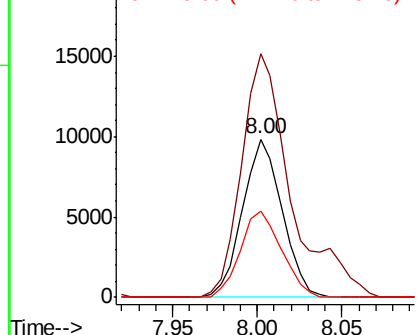
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Tot Ion:152 Resp: 16030
Ion Ratio Lower Upper
152 100
150 153.7 124.7 187.1
115 54.5 46.5 69.7



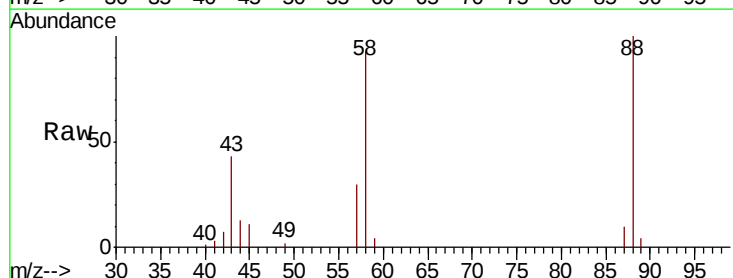
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



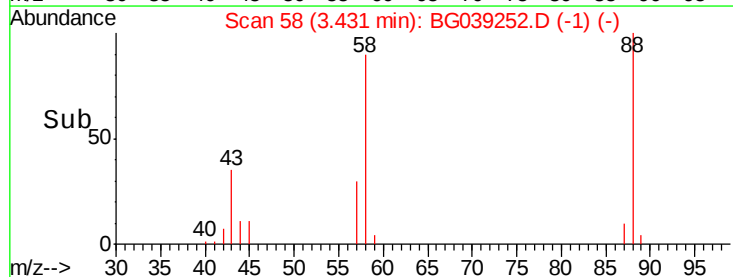
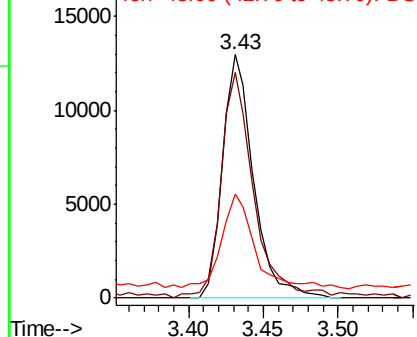
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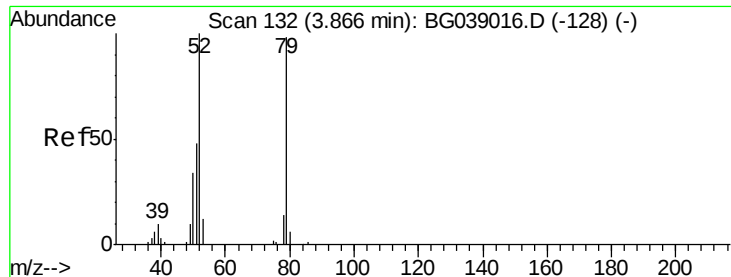
1,4-Dioxane
Concen: 57.208 ng
RT: 3.43 min Scan# 58
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Tgt Ion: 88 Resp: 18931
Ion Ratio Lower Upper
88 100
58 99.4 72.4 108.6
43 41.8 27.6 41.4#



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: 31.430 ng

RT: 3.84 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

Instrument :

BNA_G

ClientSampleId :

PB116551BSD

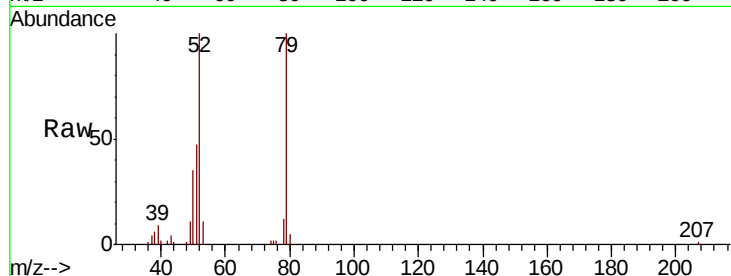
Tot Ion: 79 Resp: 28261

Ion Ratio Lower Upper

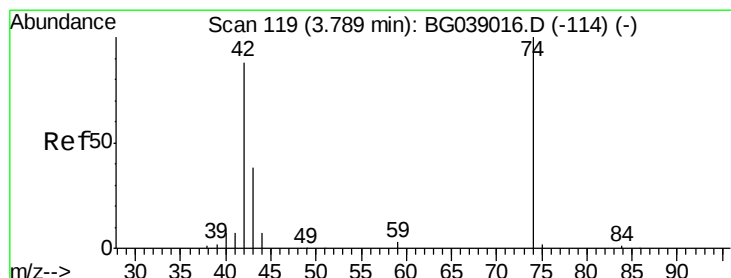
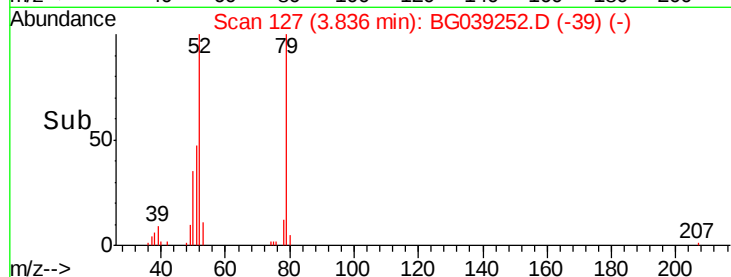
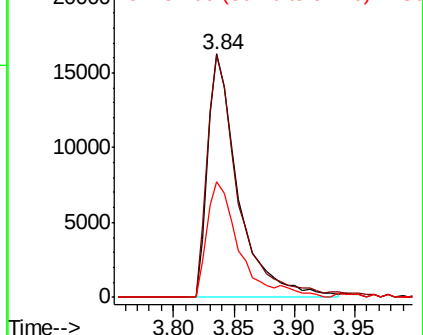
79 100

52 99.7 81.5 122.3

51 47.2 39.8 59.6



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



#4

n-Nitrosodimethylamine

Concen: 47.128 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.01 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

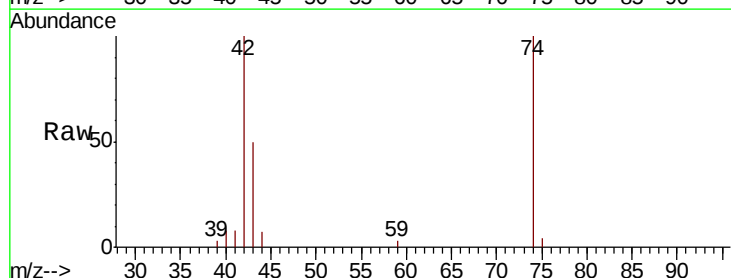
Tgt Ion: 42 Resp: 19069

Ion Ratio Lower Upper

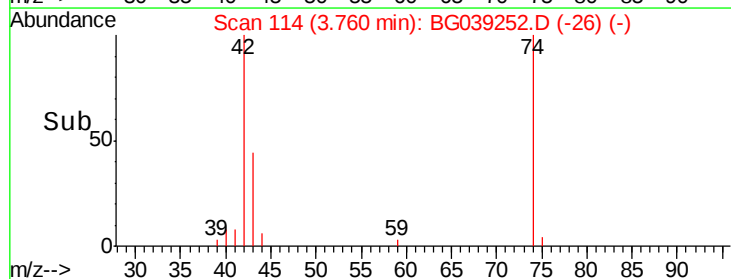
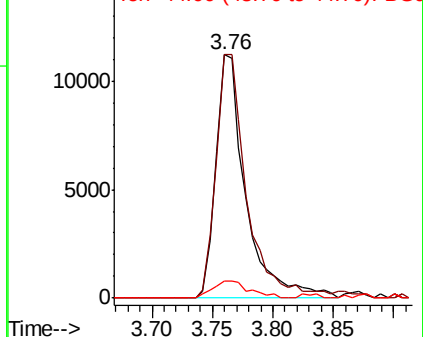
42 100

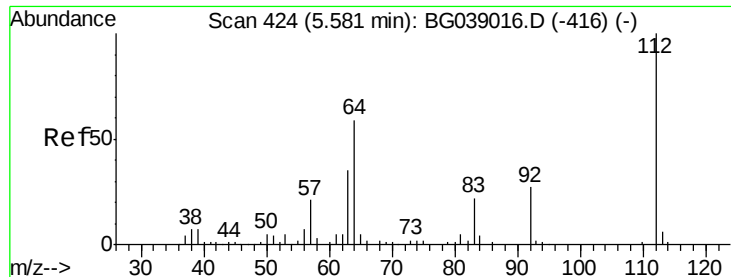
74 99.9 90.7 136.1

44 7.2 6.5 9.7



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





#5

2-Fluorophenol

Concen: 200.787 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

Instrument :

BNA_G

ClientSampleId :

PB116551BSD

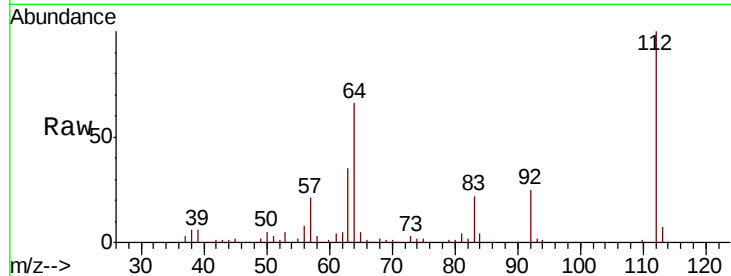
Tot Ion:112 Resp: 169670

Ion Ratio Lower Upper

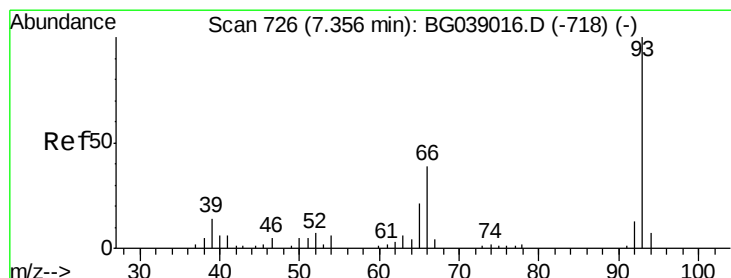
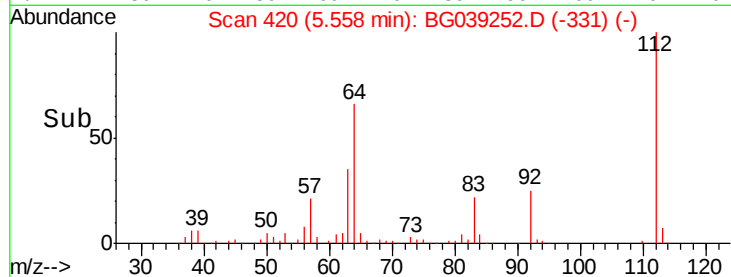
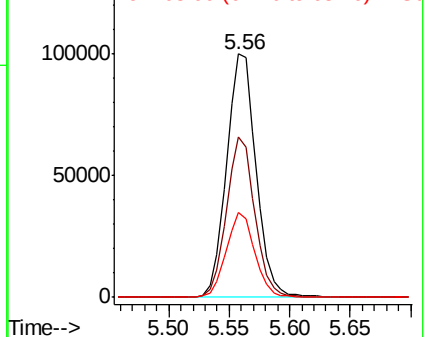
112 100

64 65.8 47.0 70.6

63 34.9 28.0 42.0



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



#6

Aniline

Concen: 31.782 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

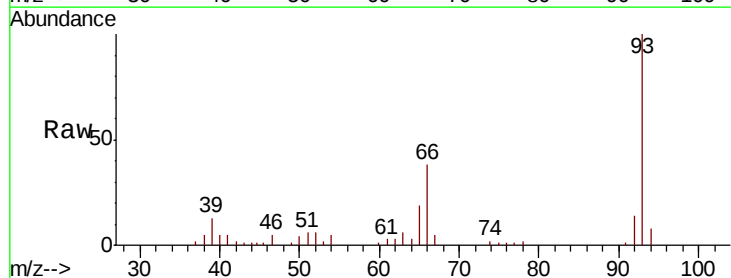
Tgt Ion: 93 Resp: 46417

Ion Ratio Lower Upper

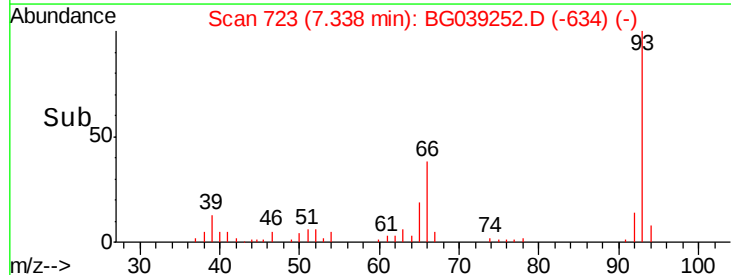
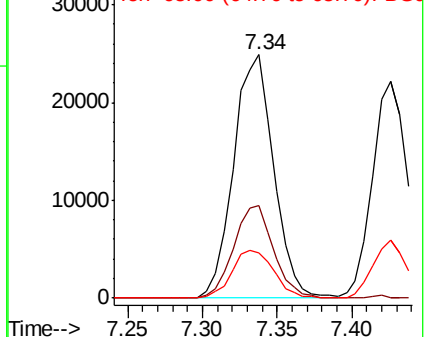
93 100

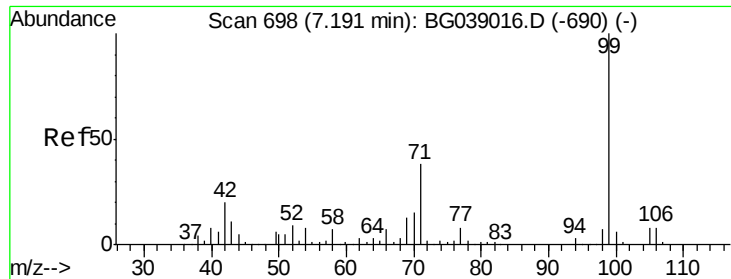
66 37.9 30.9 46.3

65 18.6 17.0 25.4



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: 138.541 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

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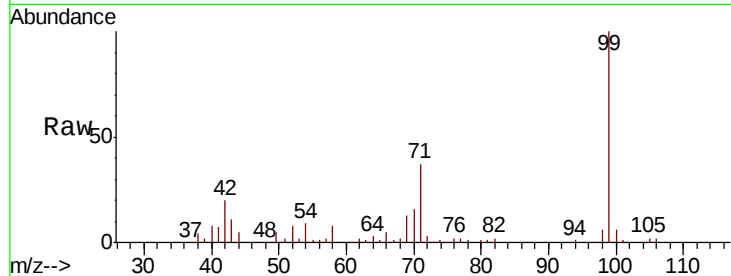
Tot Ion: 99 Resp: 168480

Ion Ratio Lower Upper

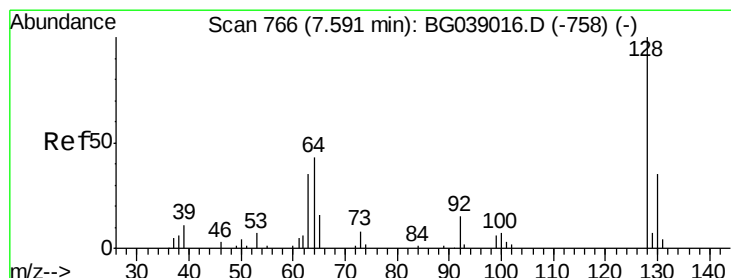
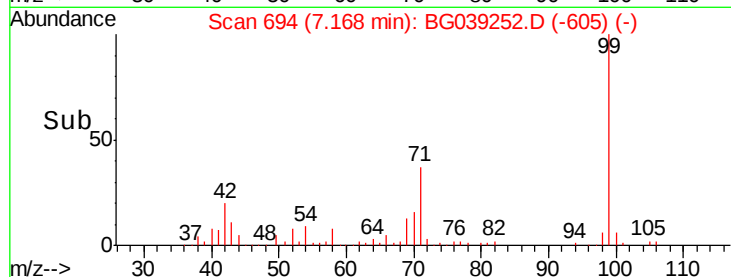
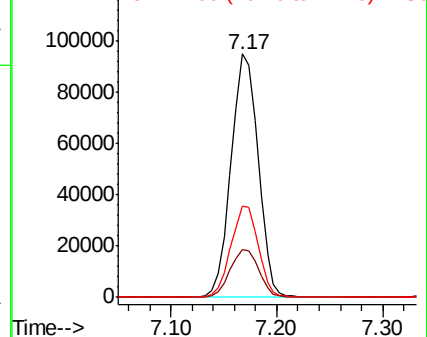
99 100

42 19.8 15.8 23.6

71 37.2 30.2 45.4



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



#8

2-Chlorophenol

Concen: 45.749 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

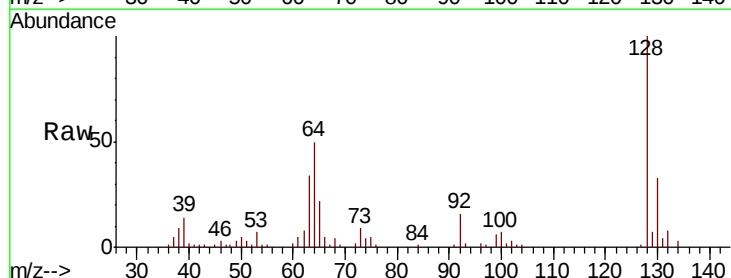
Tgt Ion: 128 Resp: 45571

Ion Ratio Lower Upper

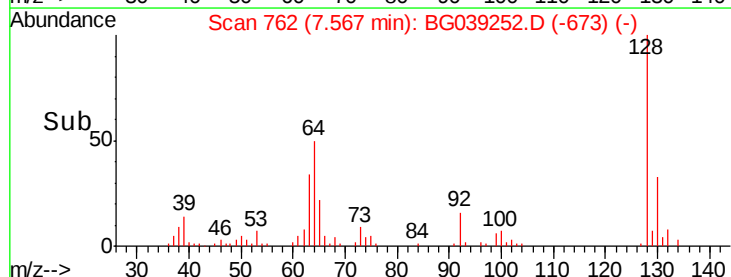
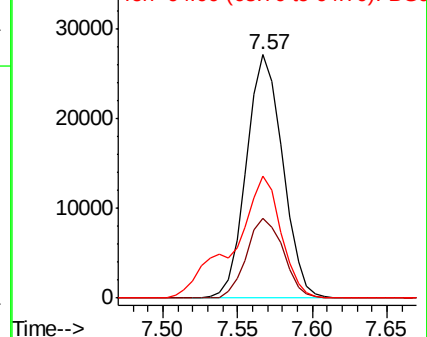
128 100

130 32.8 14.5 54.5

64 50.1 27.3 67.3



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

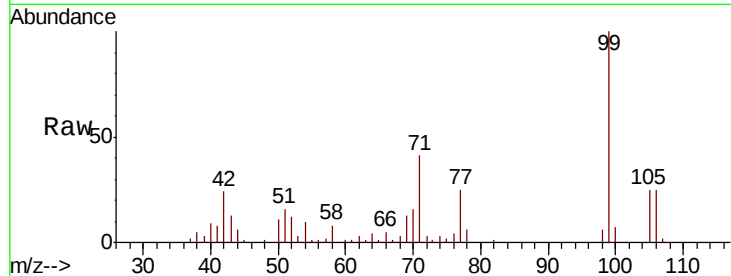




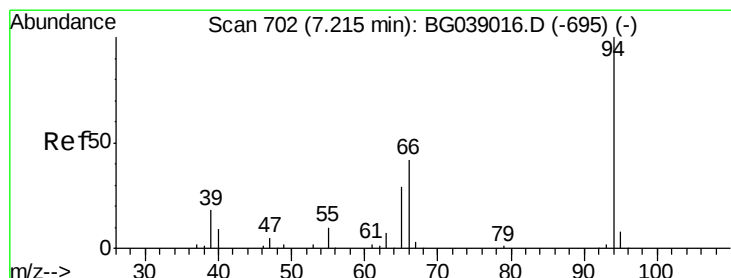
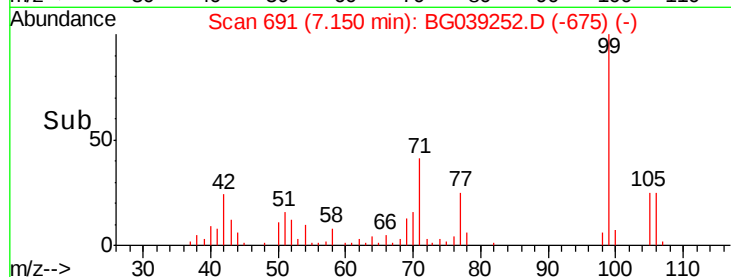
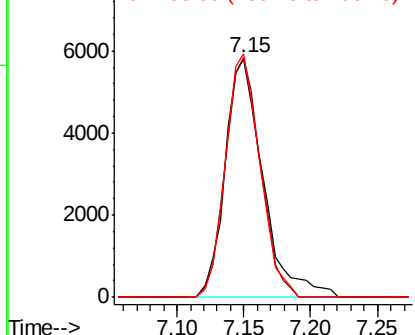
#9
Benzaldehyde
Concen: 16.457 ng
RT: 7.15 min Scan# 691
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Tot Ion: 77 Resp: 11542
Ion Ratio Lower Upper
77 100
105 100.4 82.4 122.4
106 101.9 82.8 122.8

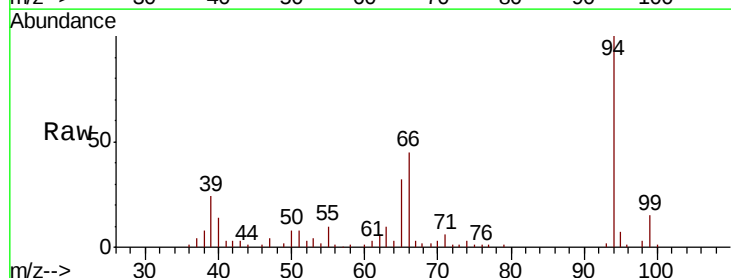


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

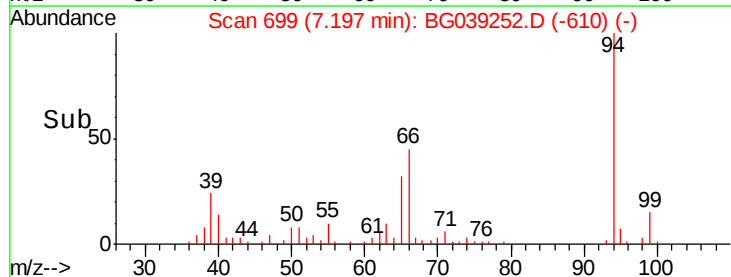
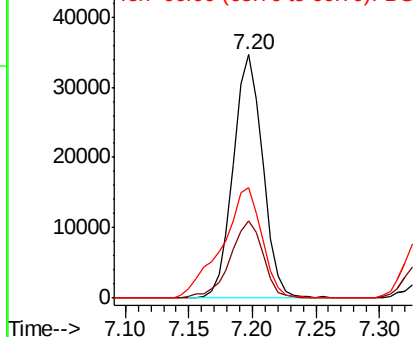


#10
Phenol
Concen: 45.575 ng
RT: 7.20 min Scan# 699
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Tgt Ion: 94 Resp: 55567
Ion Ratio Lower Upper
94 100
65 31.8 10.3 50.3
66 45.5 25.1 65.1



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

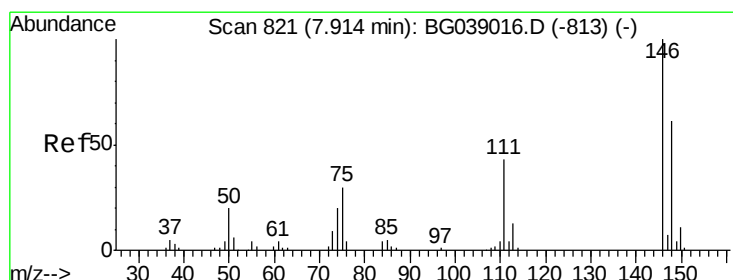
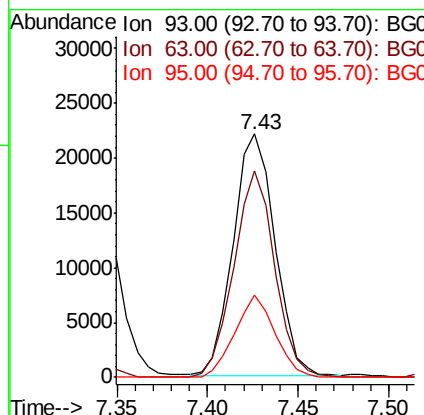
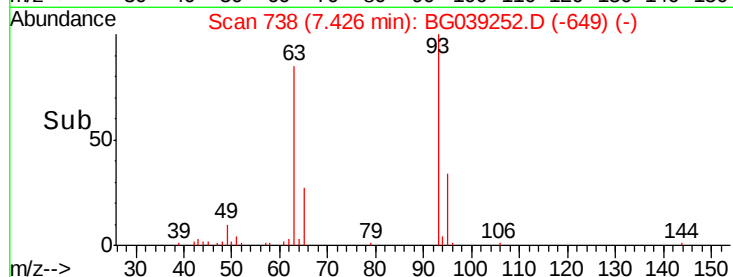
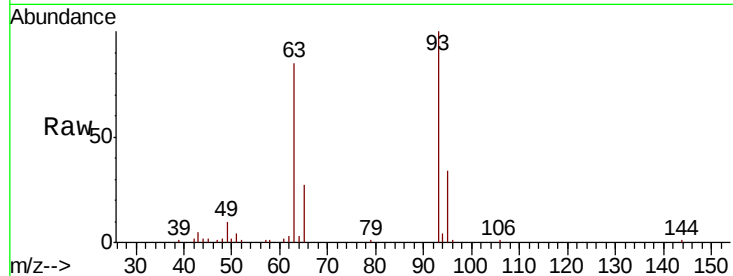




#11
 bis(2-Chloroethyl)ether
 Concen: 38.097 ng
 RT: 7.43 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

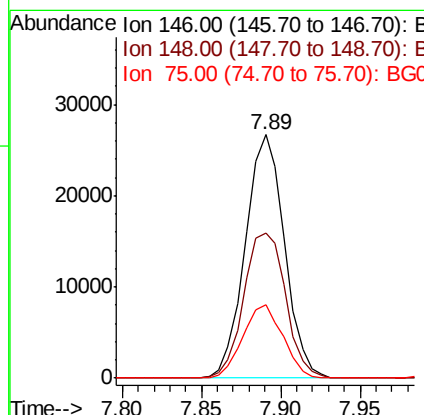
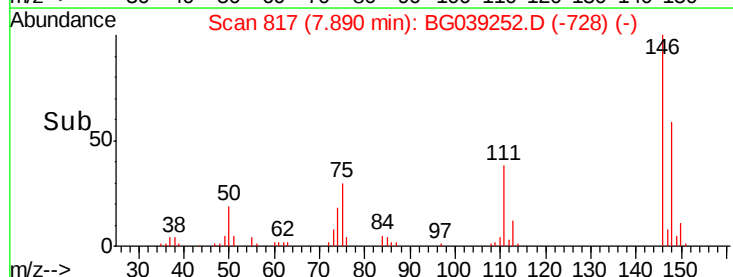
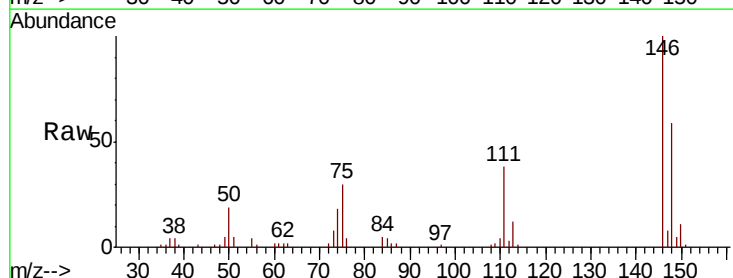
Instrument :
 BNA_G
 ClientSampleId :
 PB116551BSD

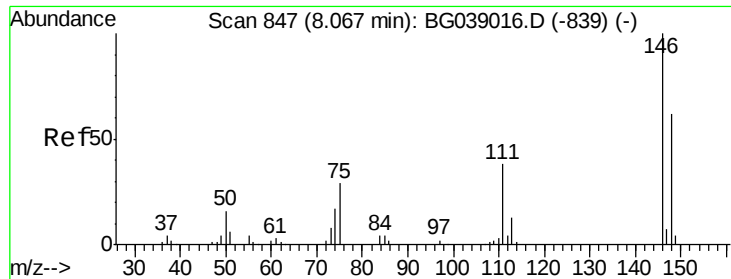
Tot Ion: 93 Resp: 35501
 Ion Ratio Lower Upper
 93 100
 63 84.7 63.2 103.2
 95 33.6 11.2 51.2



#12
 1,3-Dichlorobenzene
 Concen: 38.415 ng
 RT: 7.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Tgt Ion: 146 Resp: 45847
 Ion Ratio Lower Upper
 146 100
 148 59.3 49.1 73.7
 75 30.4 23.9 35.9

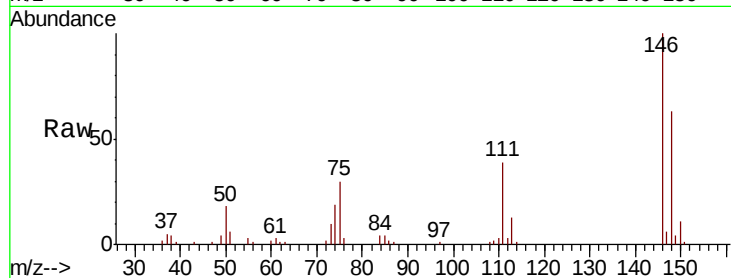




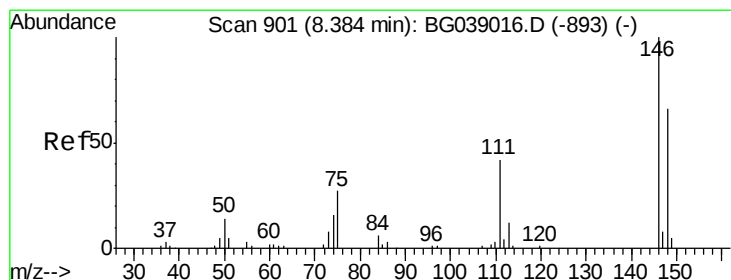
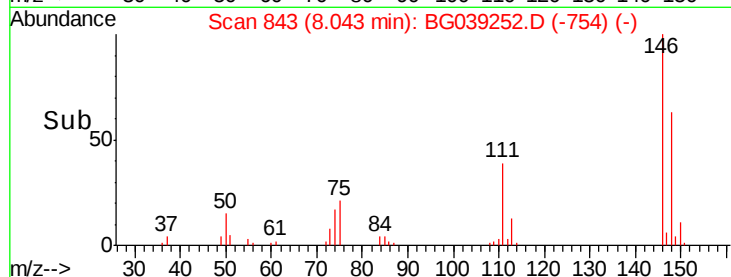
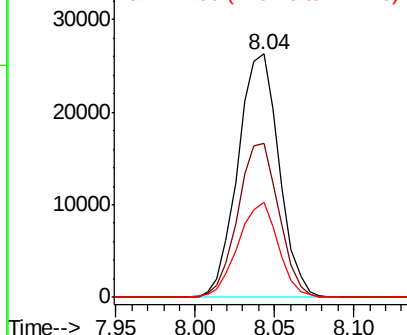
#13
 1,4-Dichlorobenzene
 Concen: 39.181 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Instrument :
 BNA_G
 ClientSampleId :
 PB116551BSD

Tot Ion:146 Resp: 47358
 Ion Ratio Lower Upper
 146 100
 148 63.1 49.8 74.6
 111 39.1 30.6 45.8

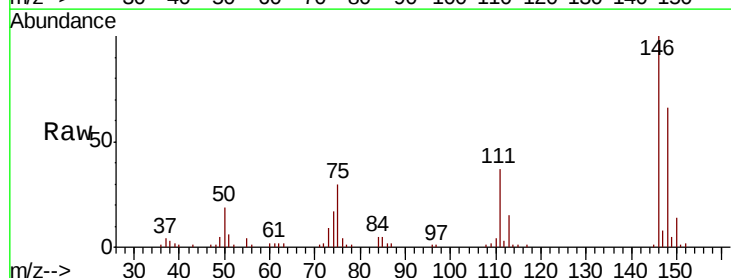


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

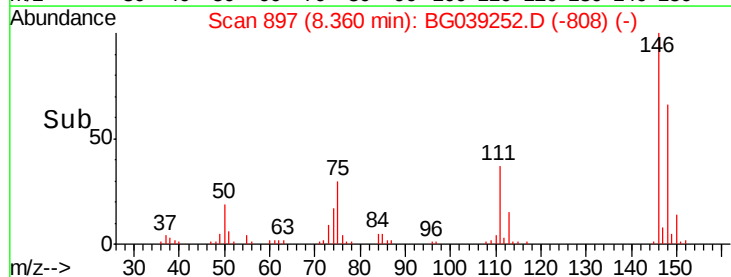
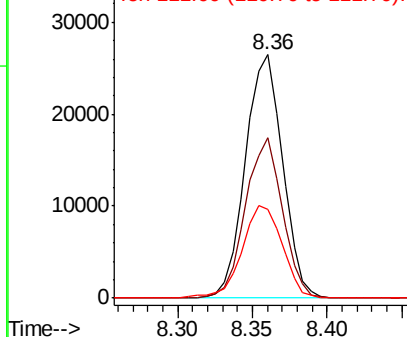


#14
 1,2-Dichlorobenzene
 Concen: 39.716 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Tgt Ion:146 Resp: 45771
 Ion Ratio Lower Upper
 146 100
 148 65.7 52.6 79.0
 111 36.6 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 43.293 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

Instrument :

BNA_G

ClientSampleId :

PB116551BSD

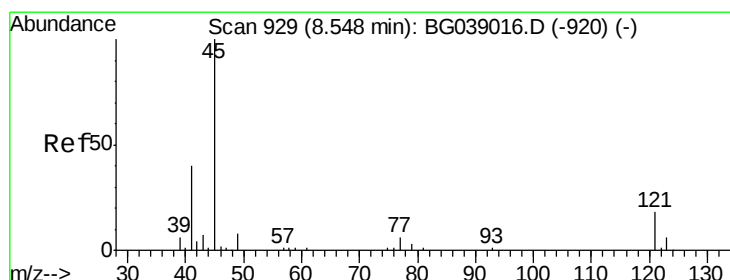
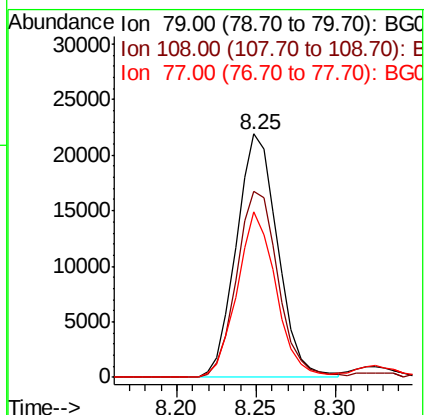
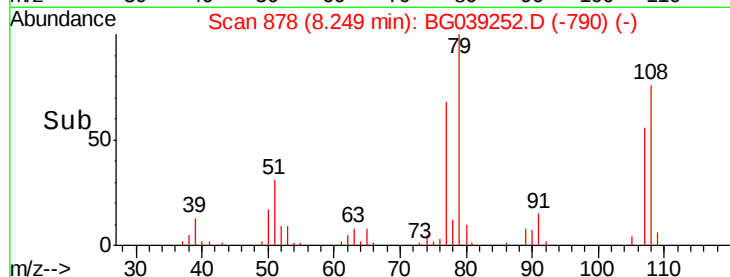
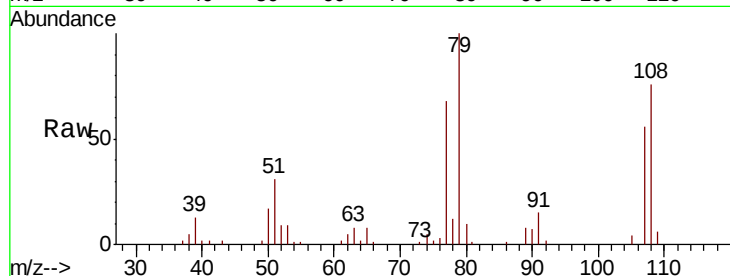
Tot Ion: 79 Resp: 39649

Ion Ratio Lower Upper

79 100

108 76.5 62.0 93.0

77 67.9 50.1 75.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.360 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.00 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

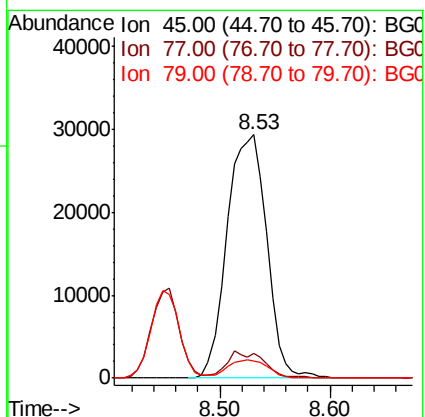
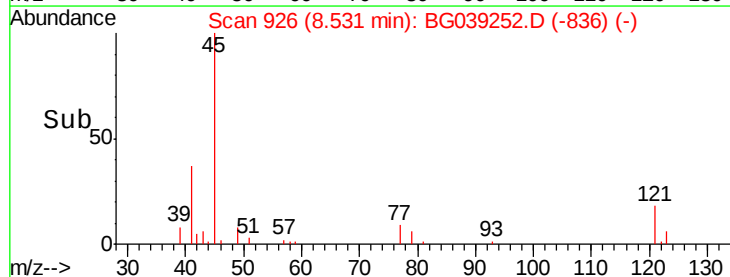
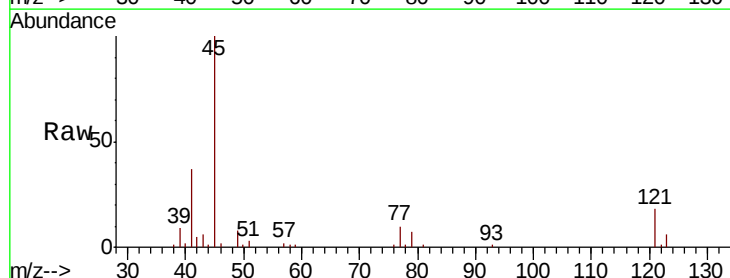
Tgt Ion: 45 Resp: 73903

Ion Ratio Lower Upper

45 100

77 10.0 0.0 30.7

79 6.8 0.0 28.5

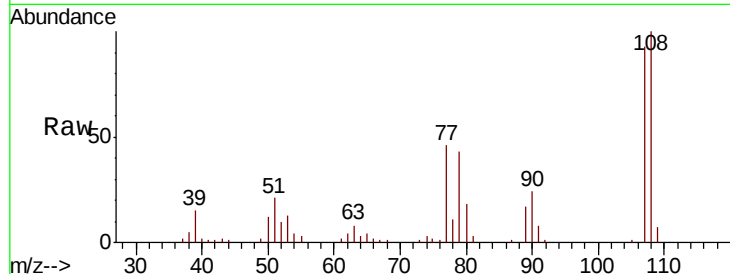




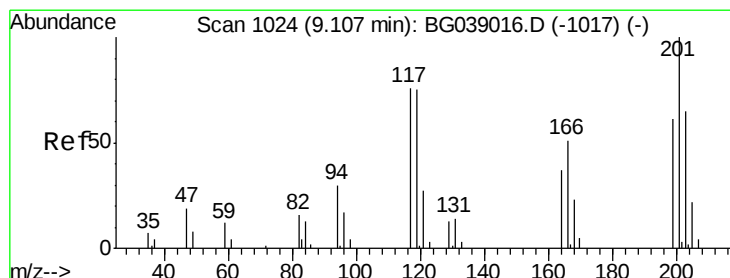
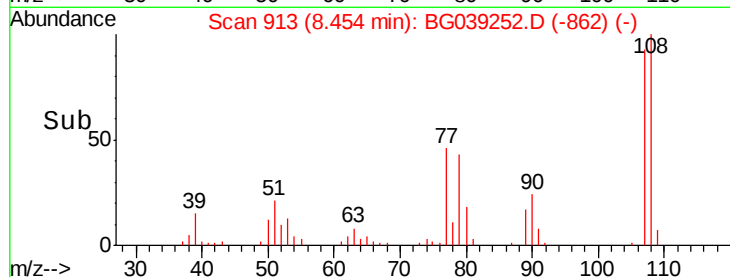
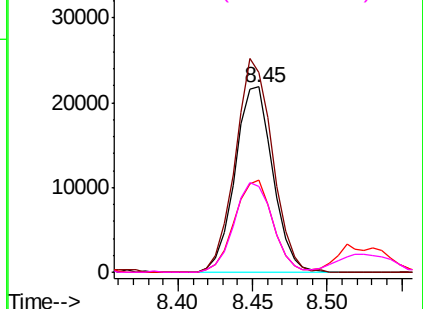
#17
2-Methylphenol
Concen: 45.524 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.00 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Tot Ion:107 Resp: 38541
Ion Ratio Lower Upper
107 100
108 107.3 90.3 135.5
77 49.7 38.3 57.5
79 45.9 35.8 53.6

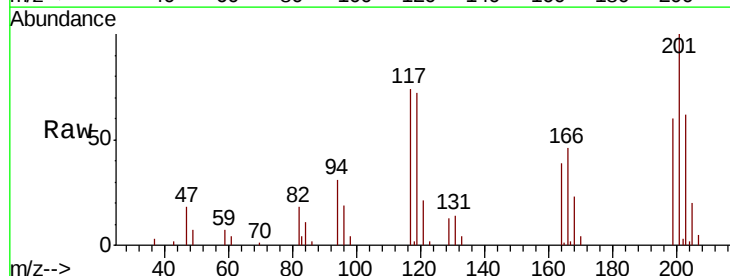


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

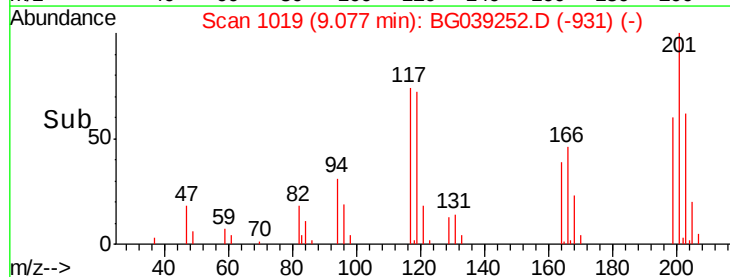
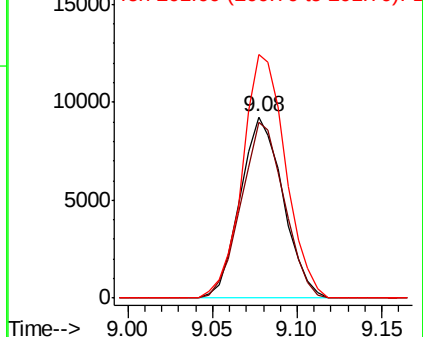


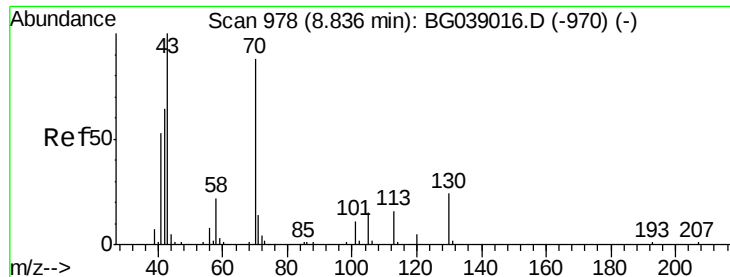
#18
Hexachloroethane
Concen: 39.660 ng
RT: 9.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Tgt Ion:117 Resp: 16286
Ion Ratio Lower Upper
117 100
119 97.5 78.7 118.1
201 134.6 108.1 162.1



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: 38.199 ng

RT: 8.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

Instrument :

BNA_G

ClientSampleId :

PB116551BSD

Tot Ion: 70 Resp: 30505

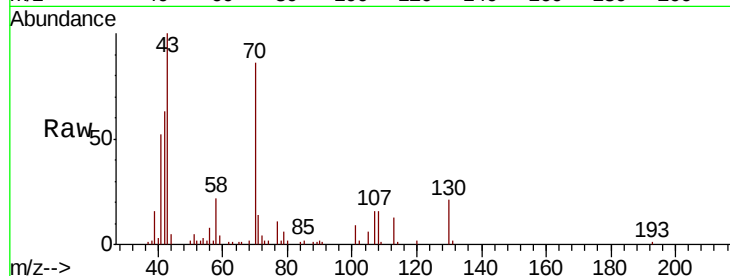
Ion Ratio Lower Upper

70 100

42 73.2 59.0 88.4

101 10.5 10.4 15.6

130 24.8 21.6 32.4

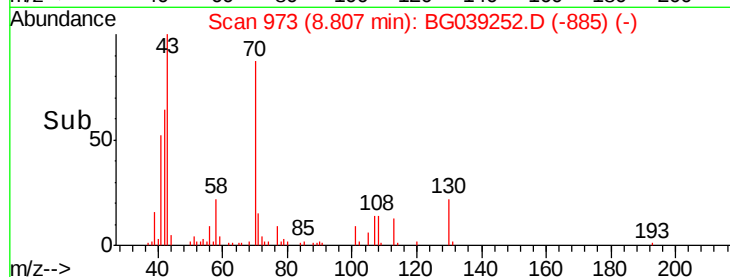
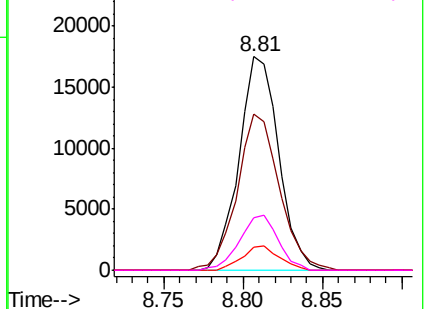


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 43.559 ng

RT: 8.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

Tgt Ion:107 Resp: 52578

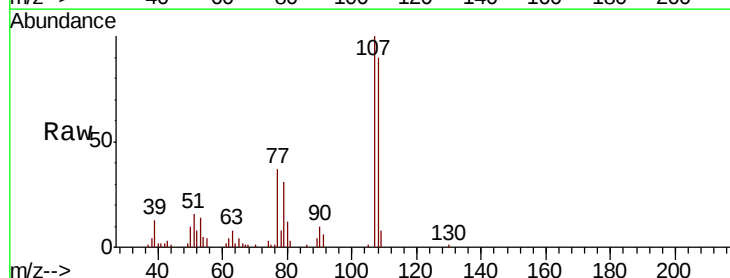
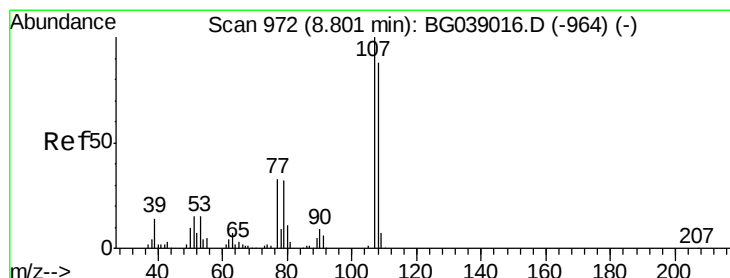
Ion Ratio Lower Upper

107 100

108 89.8 68.4 108.4

77 36.7 13.3 53.3

79 31.1 11.6 51.6

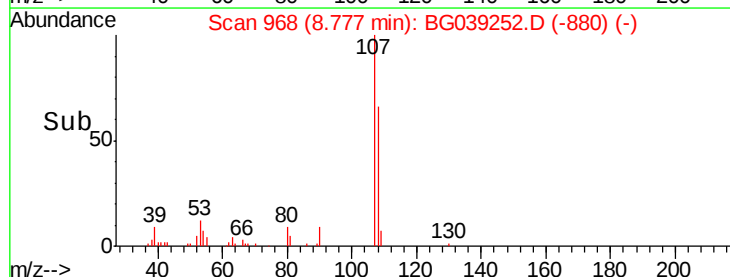
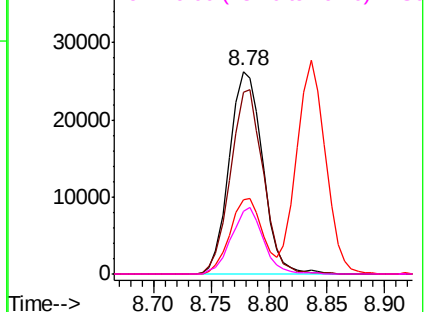


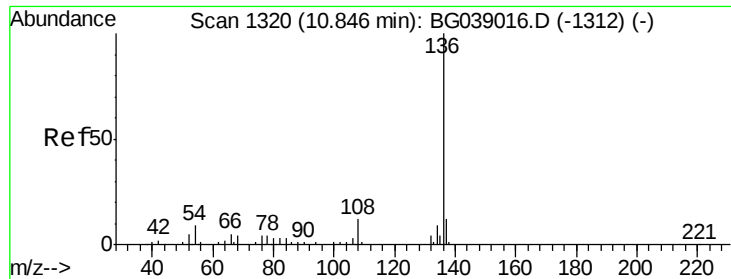
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

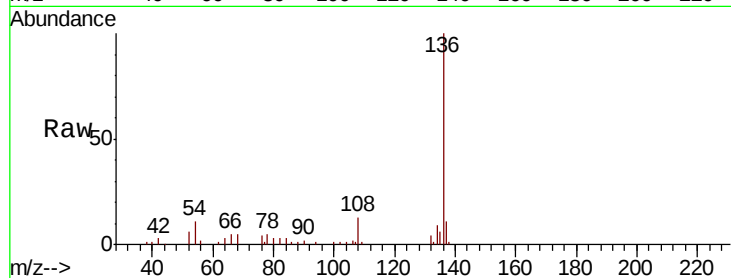




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Tot Ion:136	Resp:	64976
Ion	Ratio	Lower Upper
136	100	
137	11.2	9.4 14.2
54	10.5	7.2 10.8
68	4.6	3.5 5.3



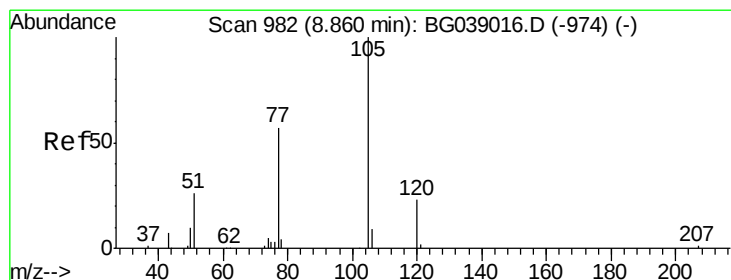
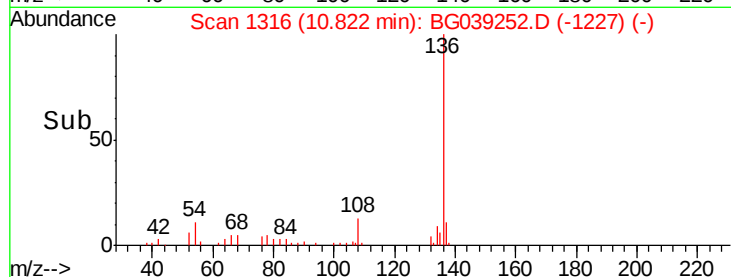
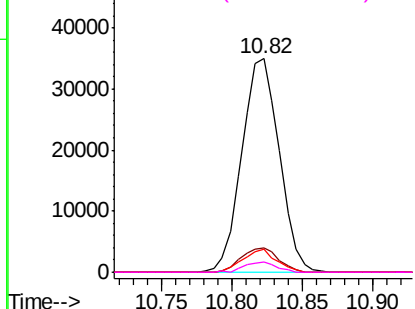
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

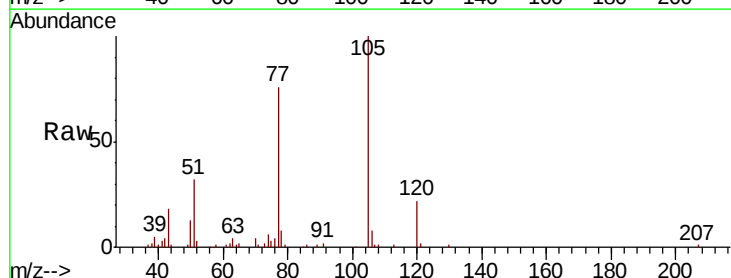
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 38.033 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Tgt Ion:105	Resp:	64536
Ion	Ratio	Lower Upper
105	100	
71	0.8	0.6 1.0
51	32.1	26.6 39.8
120	22.2	17.9 26.9



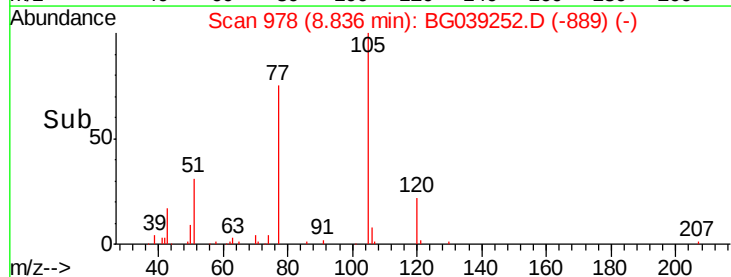
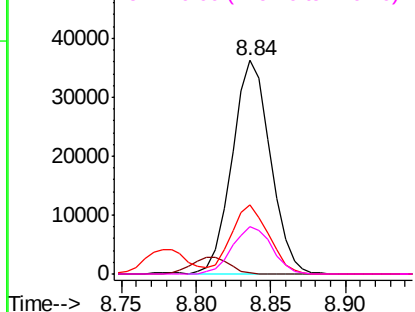
Abundance

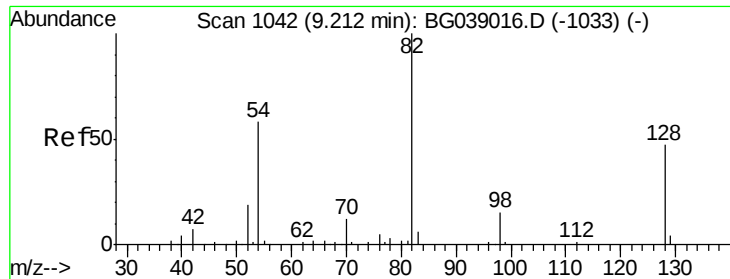
Ion 105.00 (104.70 to 105.70): E

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

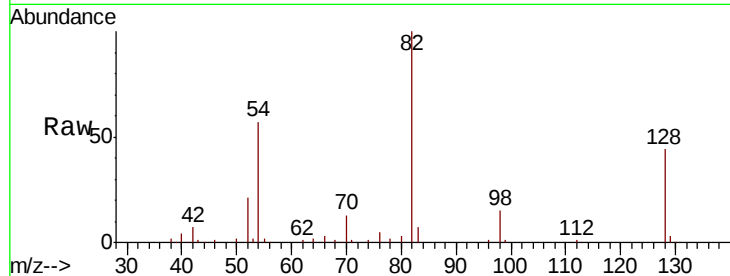




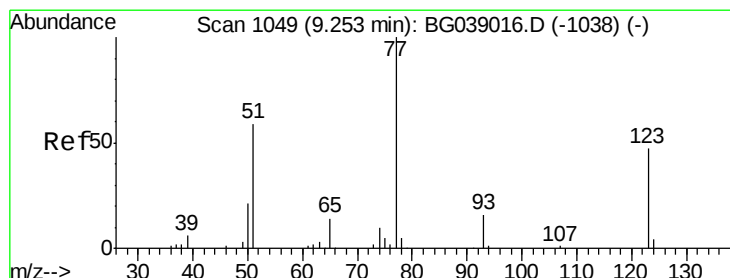
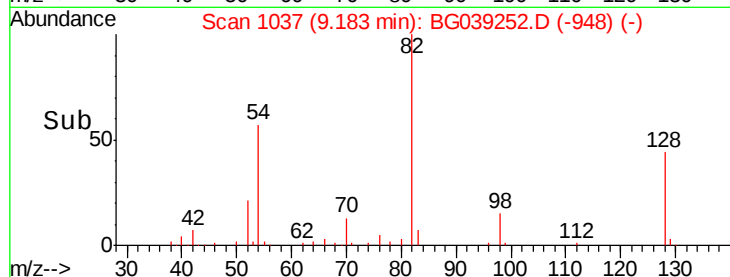
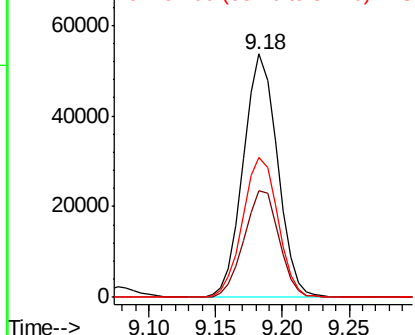
#23
Nitrobenzene-d5
Concen: 80.183 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Tot Ion: 82 Resp: 95212
Ion Ratio Lower Upper
82 100
128 44.0 37.3 55.9
54 57.3 46.4 69.6

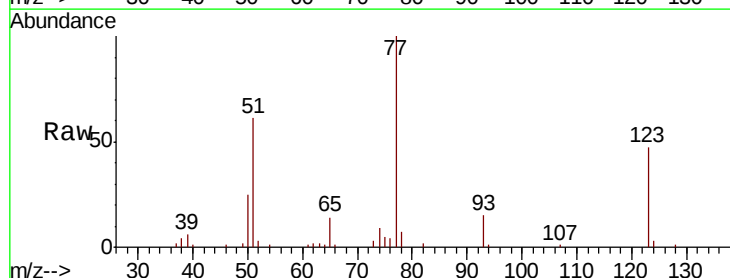


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

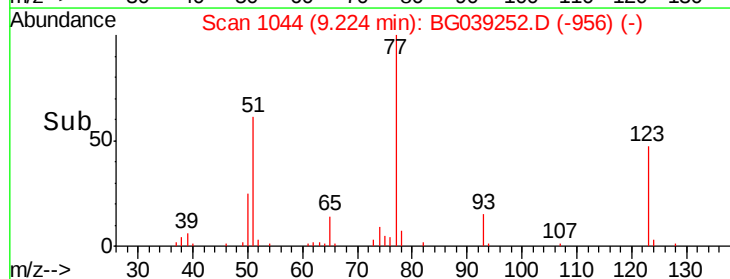
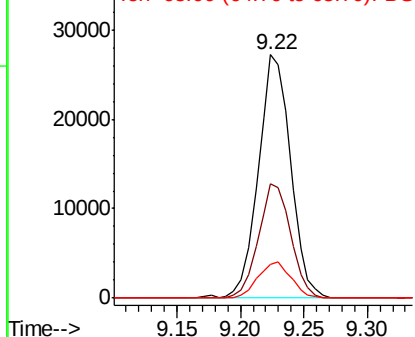


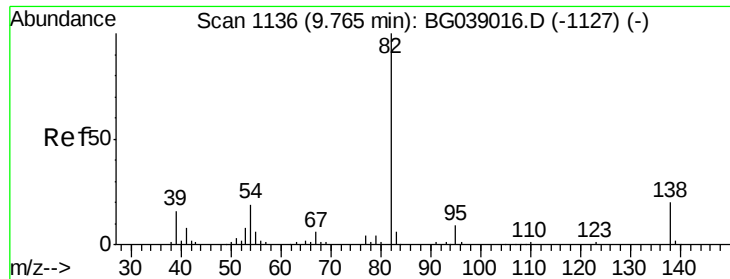
#24
Nitrobenzene
Concen: 40.077 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Tgt Ion: 77 Resp: 48102
Ion Ratio Lower Upper
77 100
123 47.1 37.6 56.4
65 13.9 11.0 16.6



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





#25

Isophorone

Concen: 42.943 ng

RT: 9.74 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

Instrument :

BNA_G

ClientSampleId :

PB116551BSD

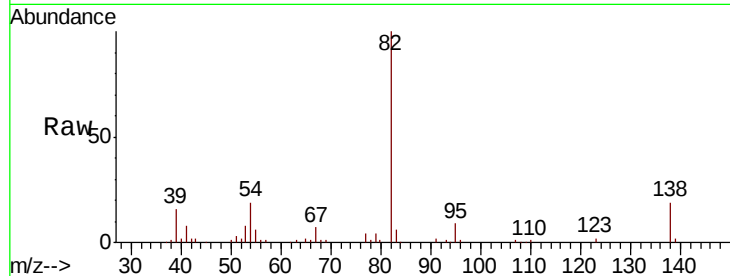
Tot Ion: 82 Resp: 87836

Ion Ratio Lower Upper

82 100

95 9.0 7.0 10.6

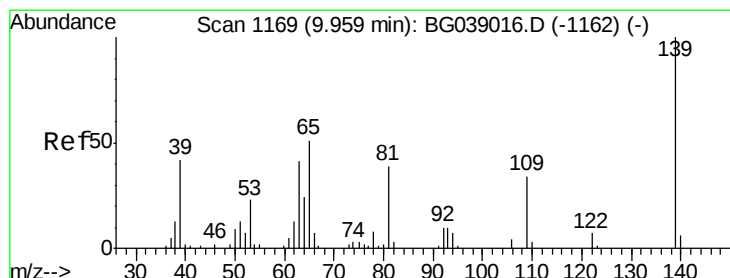
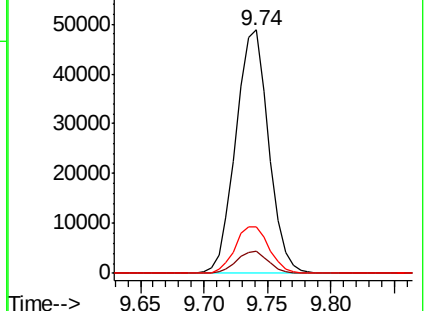
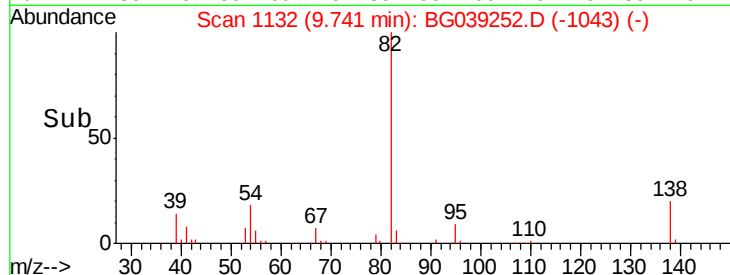
138 19.3 16.2 24.4



Abundance Ion 82.00 (81.70 to 82.70): BG039252.D (-1043) (-)

Ion 95.00 (94.70 to 95.70): BG039252.D (-1043) (-)

Ion 138.00 (137.70 to 138.70): BG039252.D (-1043) (-)



#26

2-Nitrophenol

Concen: 41.293 ng

RT: 9.93 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

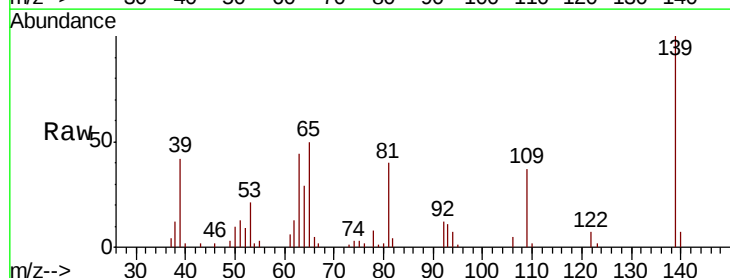
Tgt Ion: 139 Resp: 26807

Ion Ratio Lower Upper

139 100

109 36.7 27.3 40.9

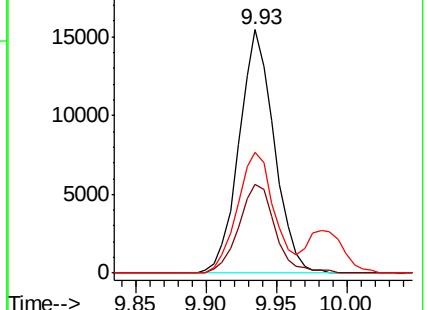
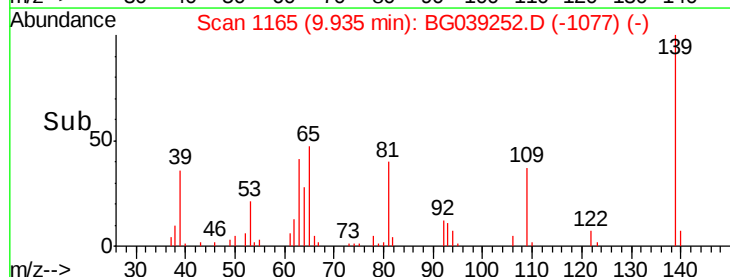
65 49.6 40.6 61.0

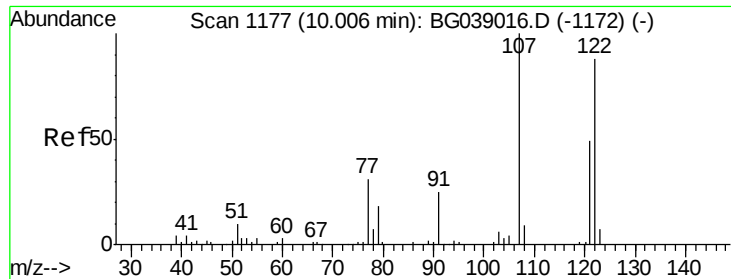


Abundance Ion 139.00 (138.70 to 139.70): BG039252.D (-1077) (-)

Ion 109.00 (108.70 to 109.70): BG039252.D (-1077) (-)

Ion 65.00 (64.70 to 65.70): BG039252.D (-1077) (-)

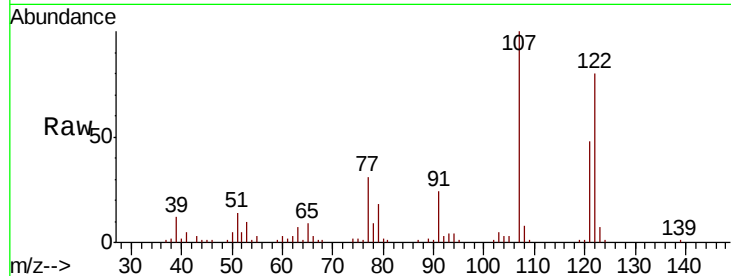




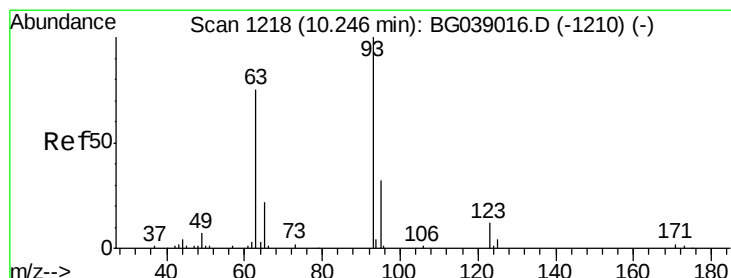
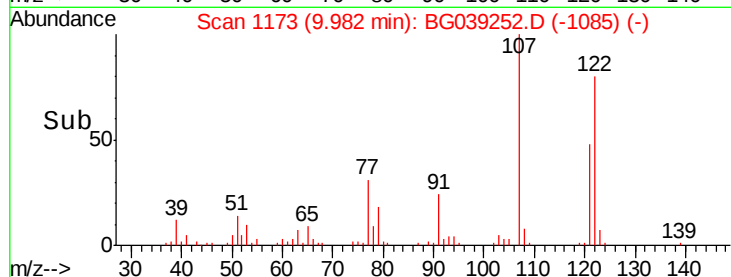
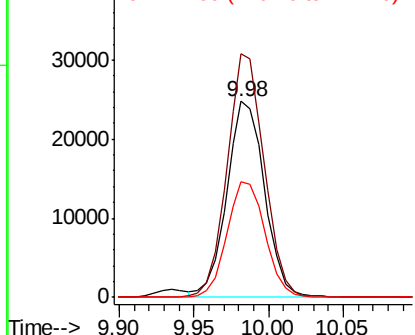
#27
2,4-Dimethylphenol
Concen: 47.947 ng
RT: 9.98 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Tot Ion:122 Resp: 43792
Ion Ratio Lower Upper
122 100
107 124.5 88.8 133.2
121 59.3 43.1 64.7

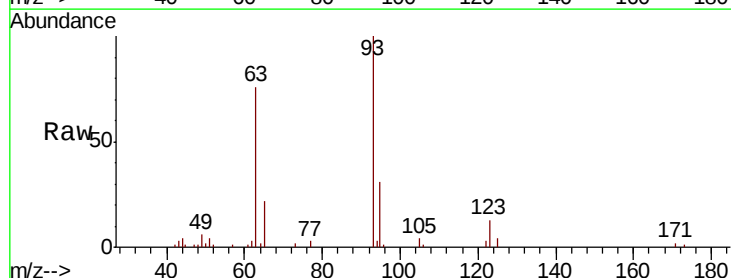


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

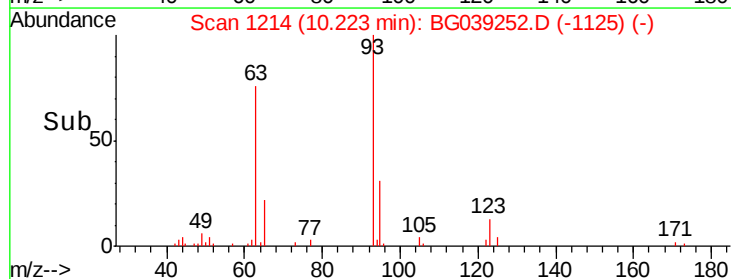
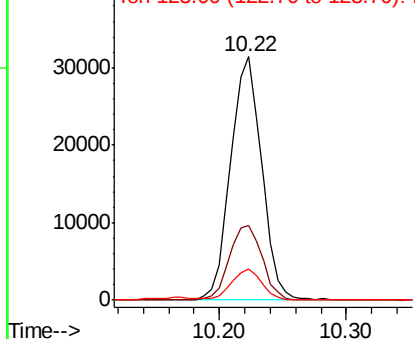


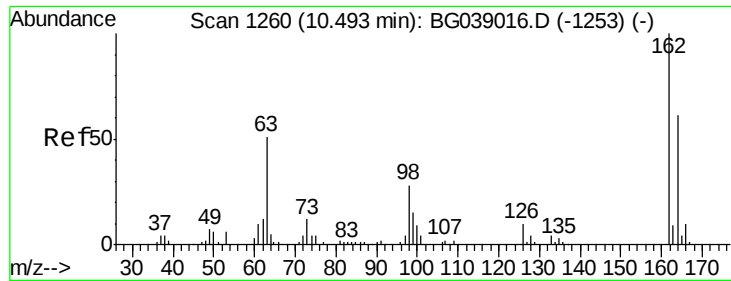
#28
bis(2-Chloroethoxy)methane
Concen: 43.176 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Tgt Ion: 93 Resp: 53077
Ion Ratio Lower Upper
93 100
95 30.6 25.6 38.4
123 12.5 10.1 15.1



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

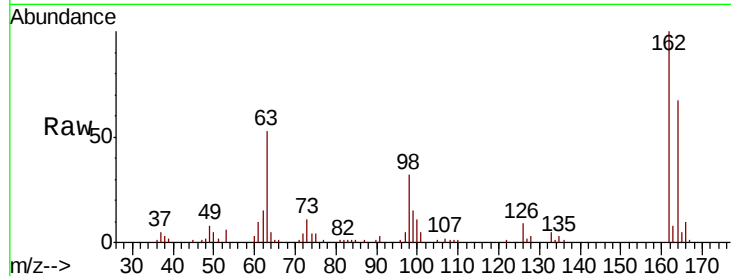




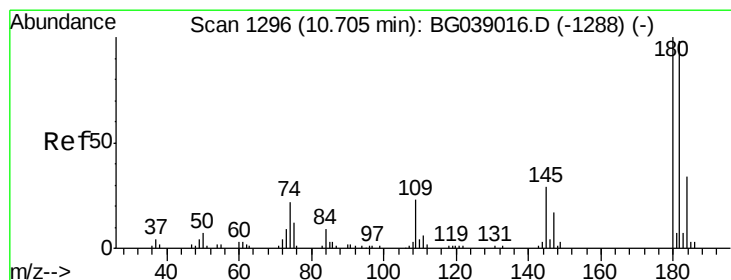
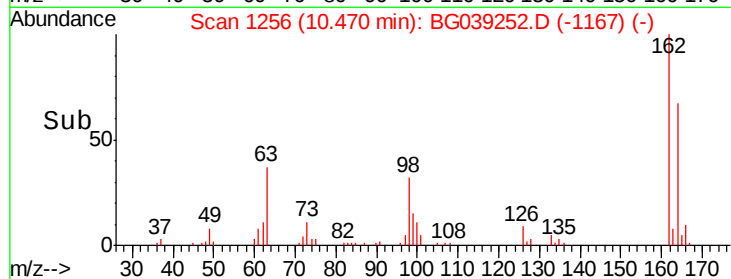
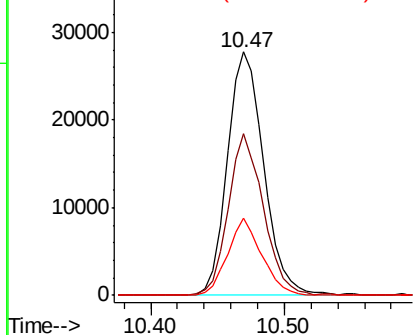
#29
 2,4-Dichlorophenol
 Concen: 46.398 ng
 RT: 10.47 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Instrument :
 BNA_G
 ClientSampleId :
 PB116551BSD

Tot Ion:162 Resp: 52646
 Ion Ratio Lower Upper
 162 100
 164 66.5 41.3 81.3
 98 31.7 8.3 48.3

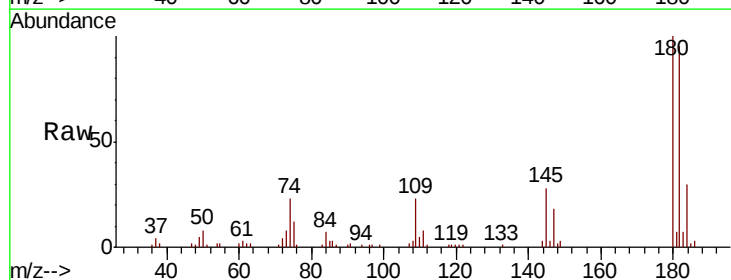


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

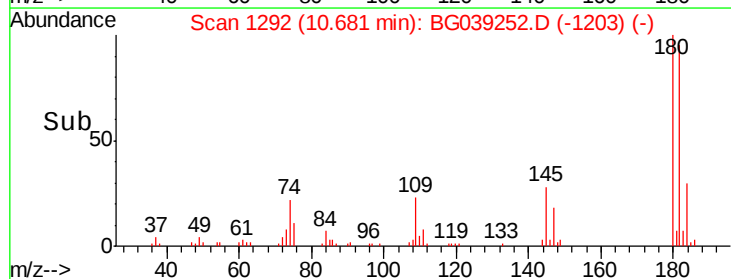
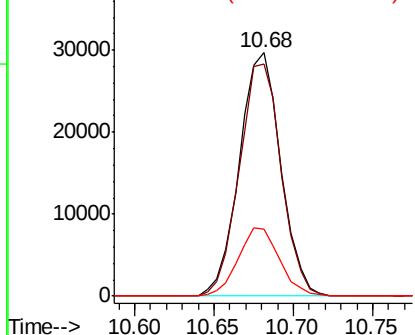


#30
 1,2,4-Trichlorobenzene
 Concen: 39.407 ng
 RT: 10.68 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Tgt Ion:180 Resp: 53725
 Ion Ratio Lower Upper
 180 100
 182 95.4 78.1 117.1
 145 27.7 23.1 34.7



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

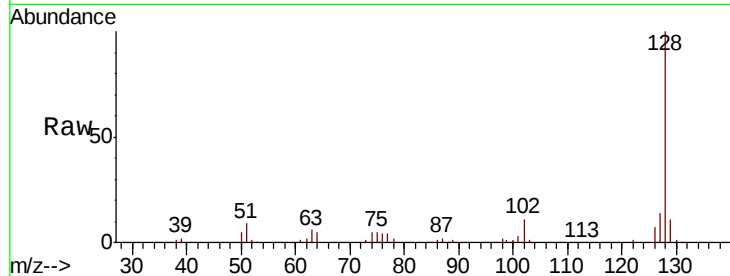




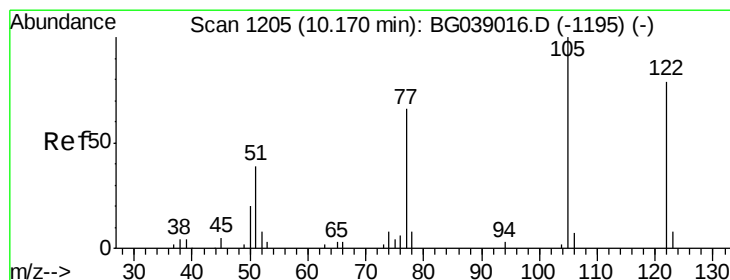
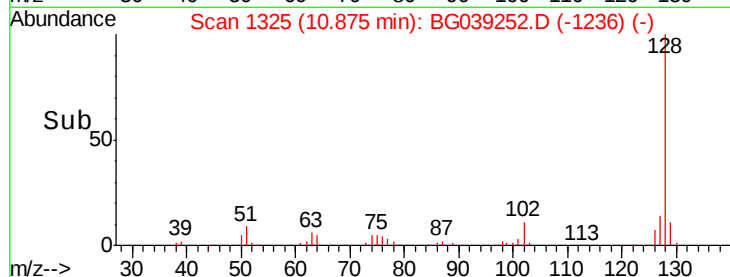
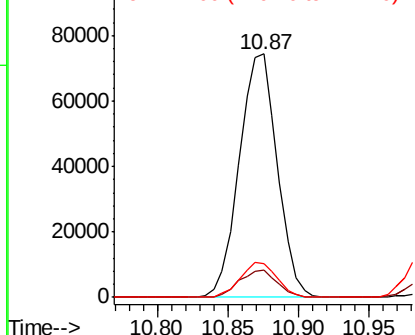
#31
Naphthalene
Concen: 42.967 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Tot Ion:128 Resp: 140023
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 14.0 11.2 16.8

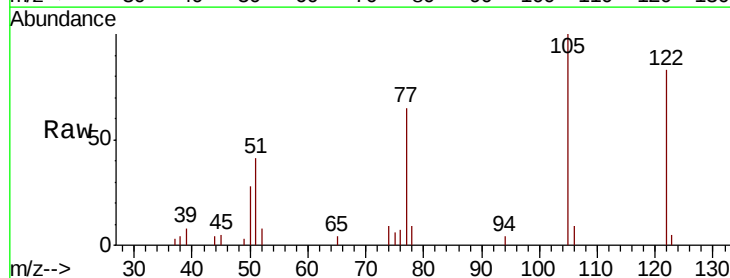


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

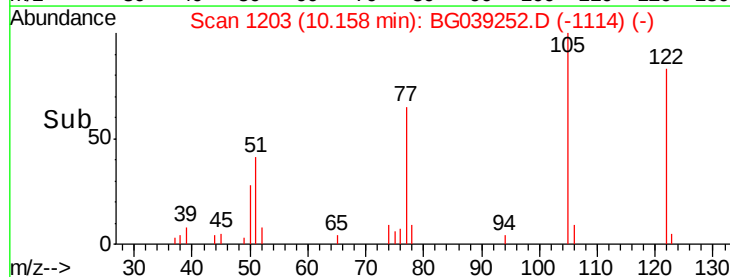
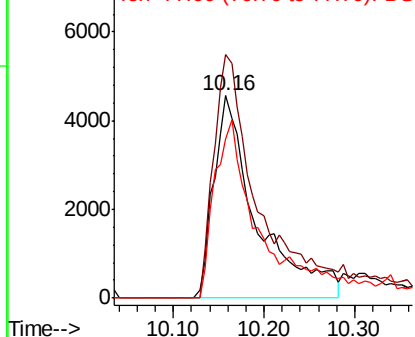


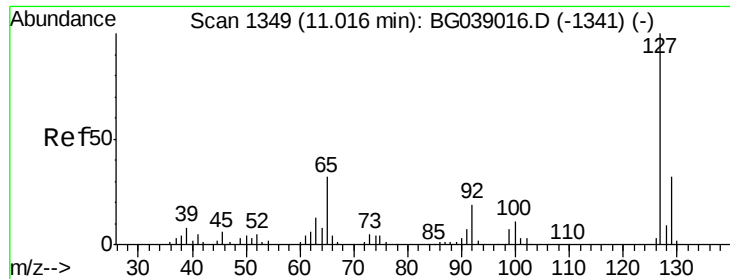
#32
Benzoic acid
Concen: 31.042 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Tgt Ion:122 Resp: 15103
Ion Ratio Lower Upper
122 100
105 120.3 106.4 146.4
77 78.6 63.6 103.6



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

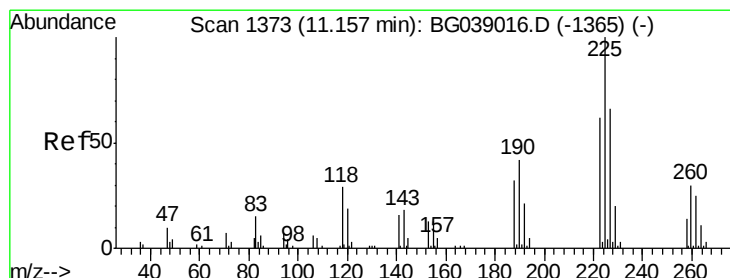
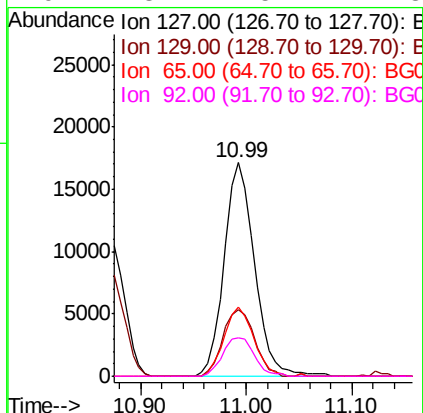
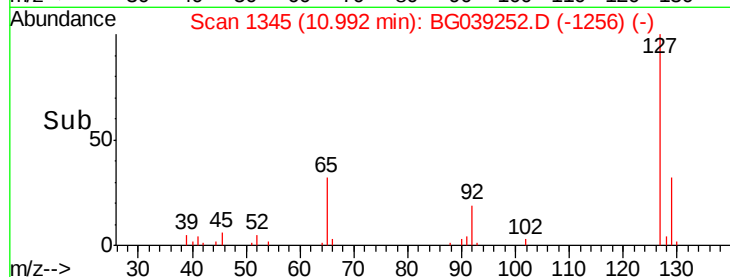
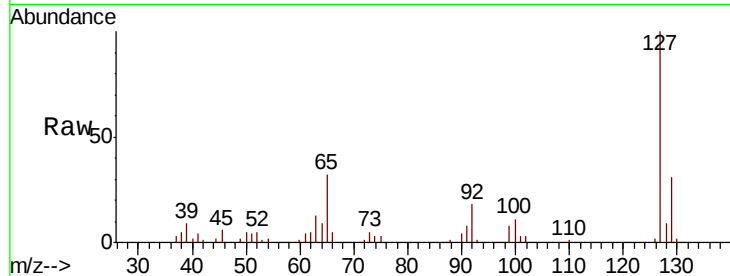




#33
4-Chloroaniline
Concen: 23.436 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

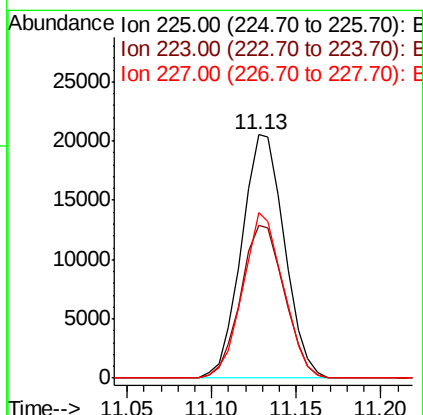
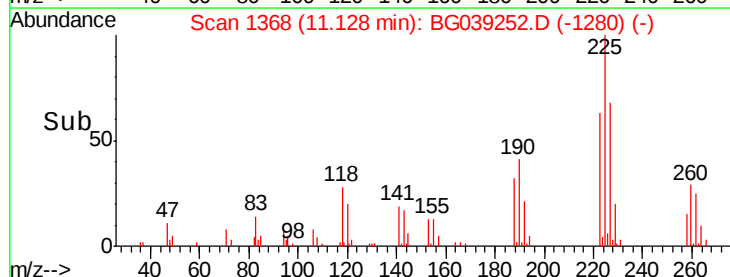
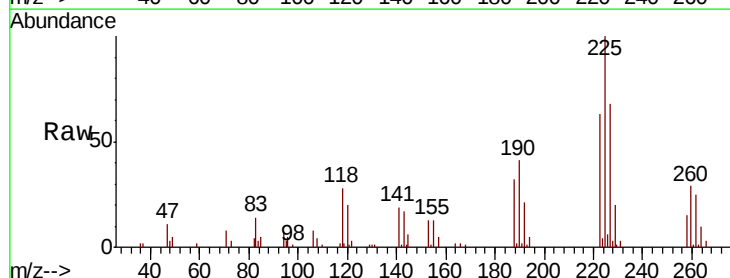
Instrument :
BNA_G
ClientSampleId :
PB116551BSD

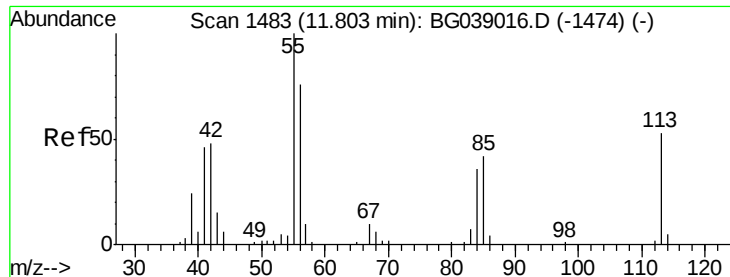
Tot Ion:127	Resp:	34174
Ion	Ratio	Lower Upper
127	100	
129	31.1	25.4 38.0
65	32.3	25.4 38.0
92	18.2	15.2 22.8



#34
Hexachlorobutadiene
Concen: 38.604 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Tgt Ion:225	Resp:	36214
Ion	Ratio	Lower Upper
225	100	
223	59.3	50.2 75.4
227	66.9	53.2 79.8





#35

Caprolactam

Concen: 21.147 ng

RT: 11.78 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

Instrument :

BNA_G

ClientSampleId :

PB116551BSD

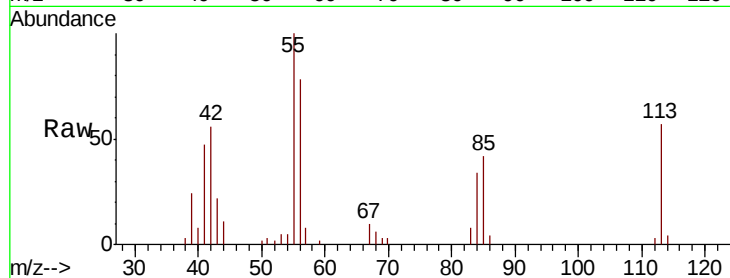
Tot Ion:113 Resp: 9622

Ion Ratio Lower Upper

113 100

55 176.8 168.6 208.6

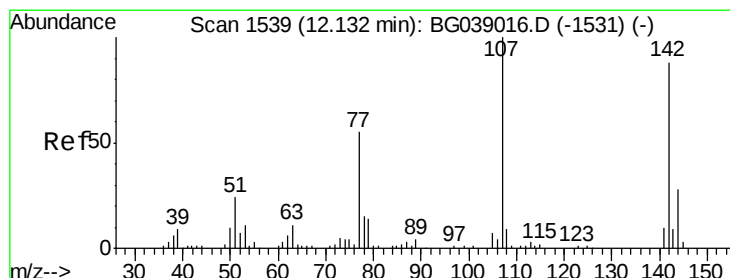
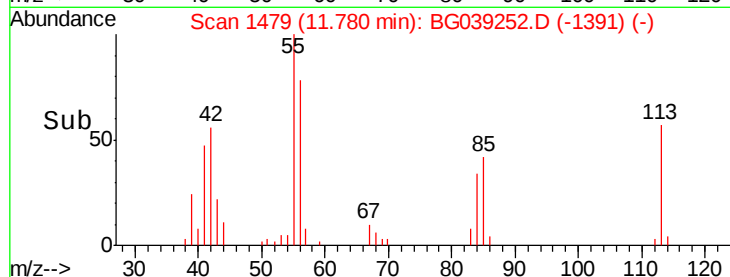
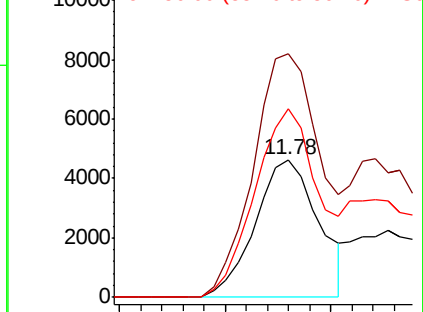
56 137.1 123.2 163.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 42.301 ng

RT: 12.11 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

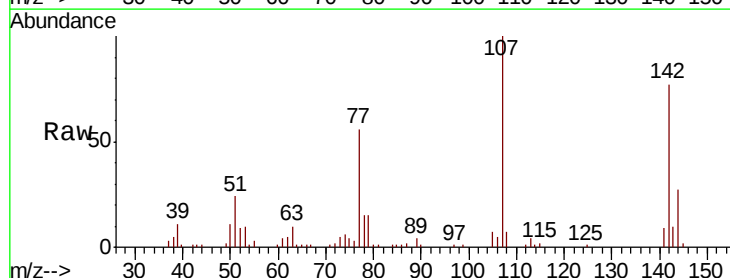
Tgt Ion:107 Resp: 51336

Ion Ratio Lower Upper

107 100

144 26.6 22.6 34.0

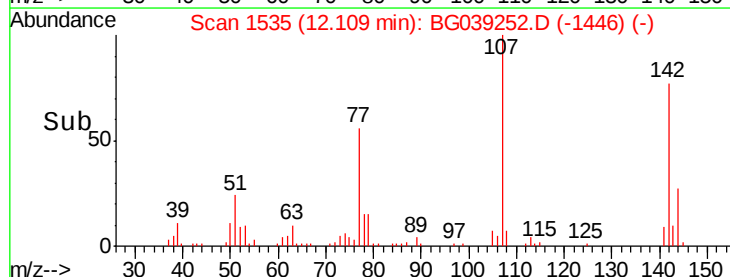
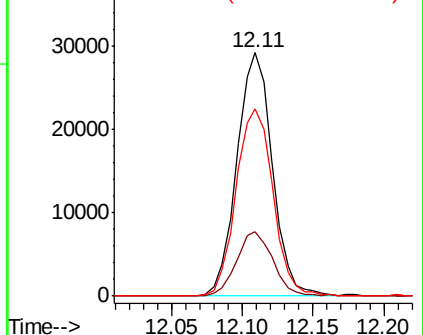
142 76.7 70.2 105.4

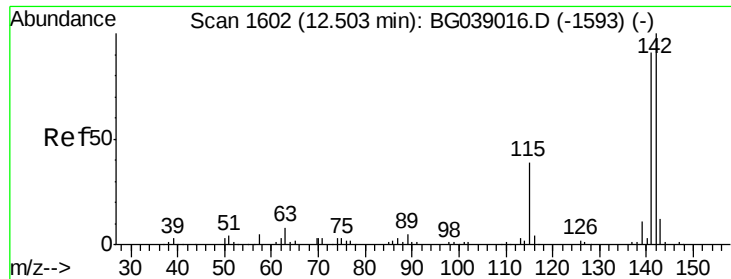


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

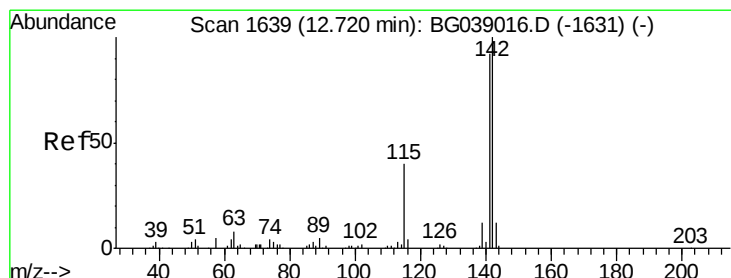
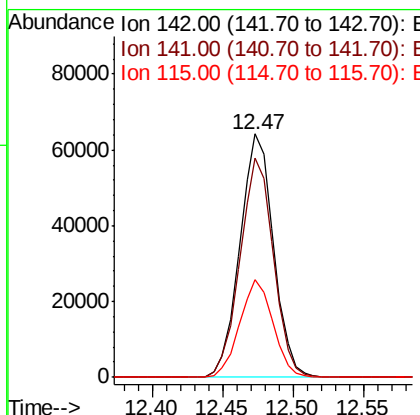
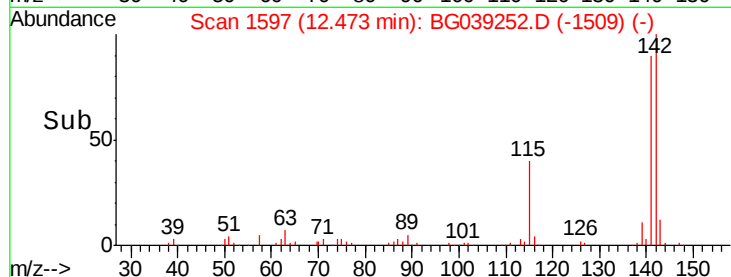
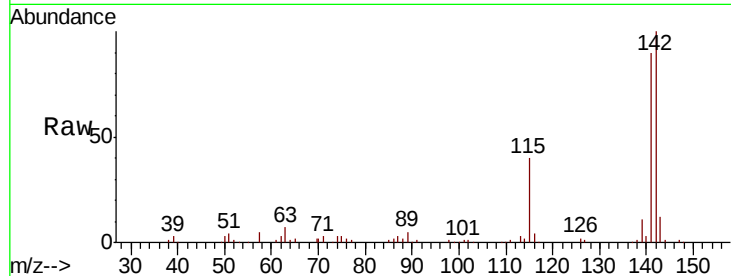




#37
2-Methylnaphthalene
Concen: 43.587 ng
RT: 12.47 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

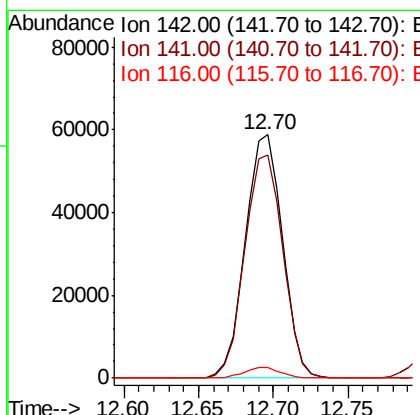
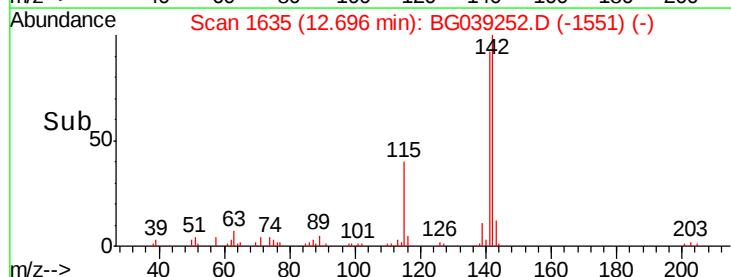
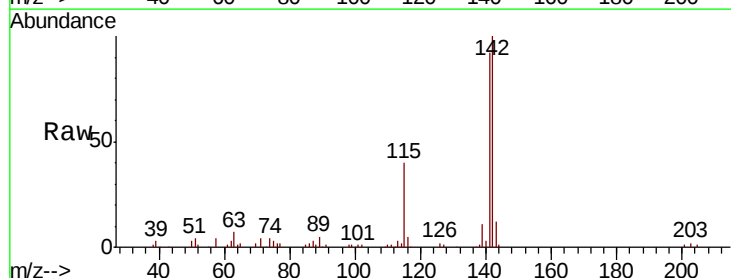
Instrument :
BNA_G
ClientSampleId :
PB116551BSD

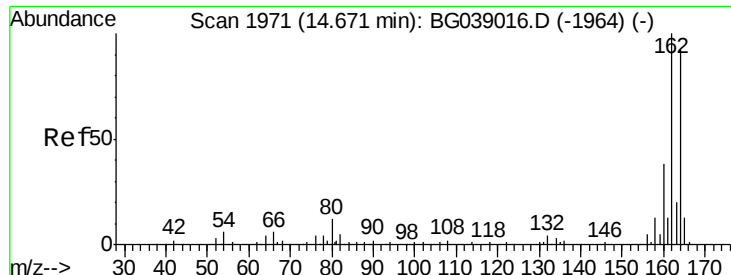
Tot Ion:142 Resp: 106494
Ion Ratio Lower Upper
142 100
141 90.1 72.6 109.0
115 40.4 31.1 46.7



#38
1-Methylnaphthalene
Concen: 43.282 ng
RT: 12.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Tgt Ion:142 Resp: 101503
Ion Ratio Lower Upper
142 100
141 91.8 73.3 109.9
116 4.6 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

Instrument :

BNA_G

ClientSampleId :

PB116551BSD

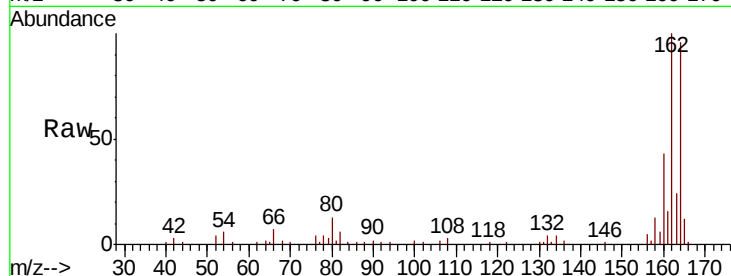
Tot Ion:164 Resp: 46225

Ion Ratio Lower Upper

164 100

162 104.1 87.2 130.8

160 45.0 33.3 49.9

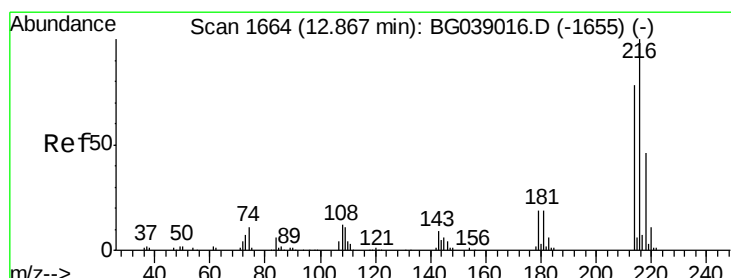
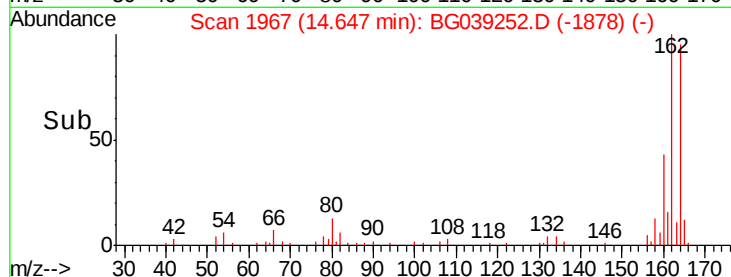
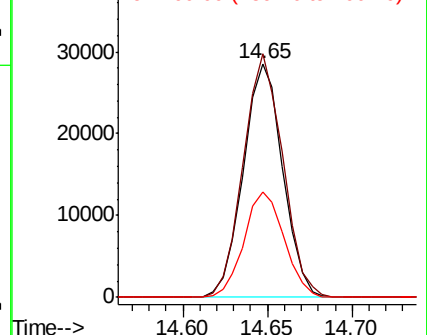


Abundance

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: 40.055 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

Tgt Ion:216 Resp: 69536

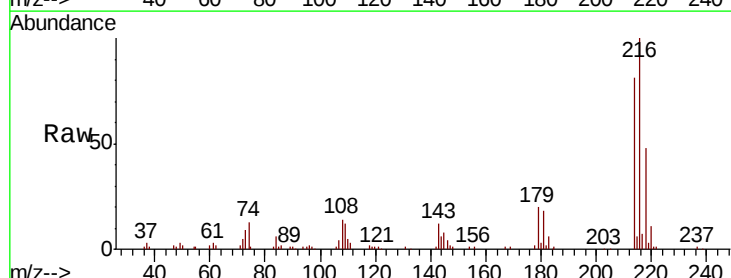
Ion Ratio Lower Upper

216 100

214 79.3 63.4 95.2

179 19.3 15.5 23.3

108 13.0 11.4 17.2



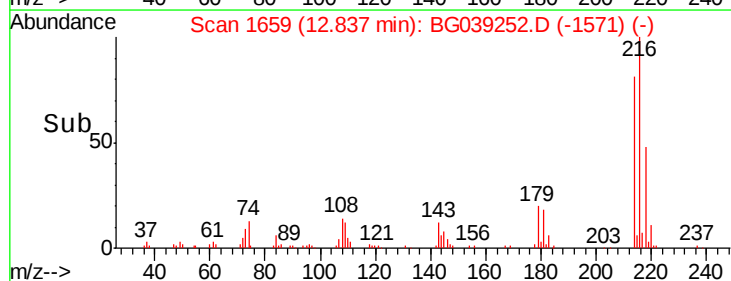
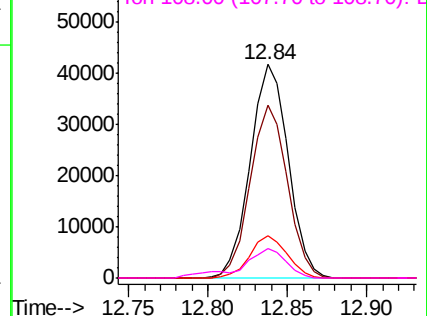
Abundance

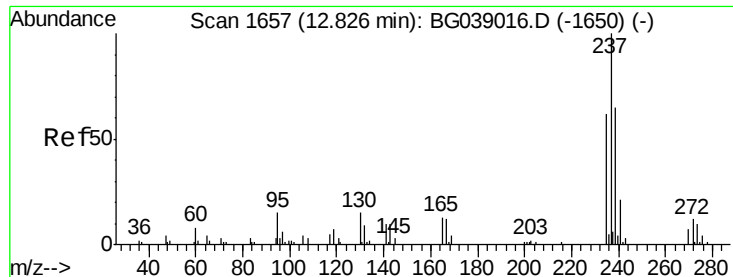
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 74.606 ng

RT: 12.80 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

Instrument :

BNA_G

ClientSampleId :

PB116551BSD

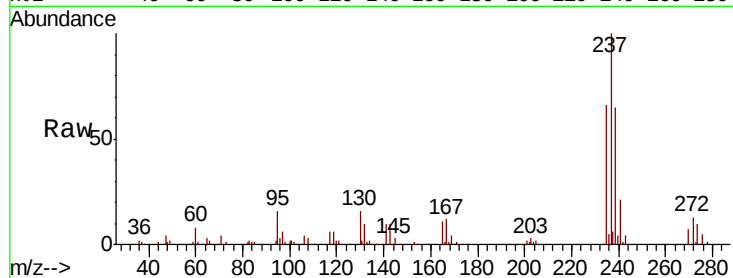
Tot Ion:237 Resp: 72538

Ion Ratio Lower Upper

237 100

235 65.7 41.7 81.7

272 13.0 0.0 32.1

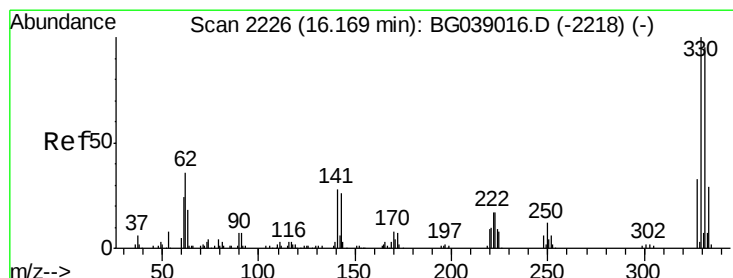
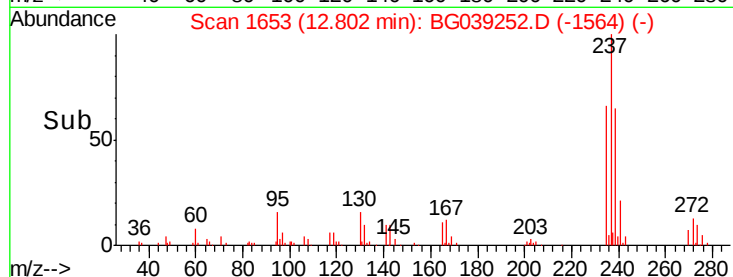
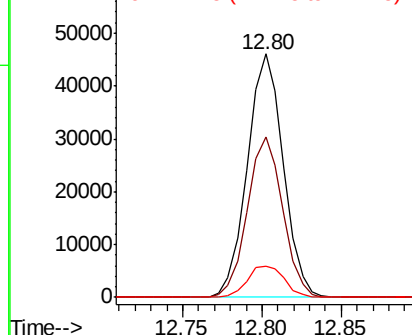


Abundance

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: 131.630 ng

RT: 16.15 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

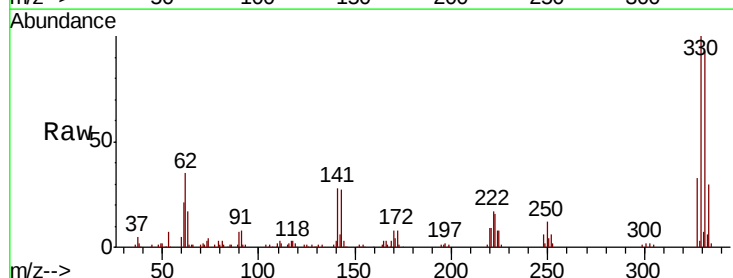
Tgt Ion:330 Resp: 101995

Ion Ratio Lower Upper

330 100

332 95.3 75.7 113.5

141 31.1 24.9 37.3

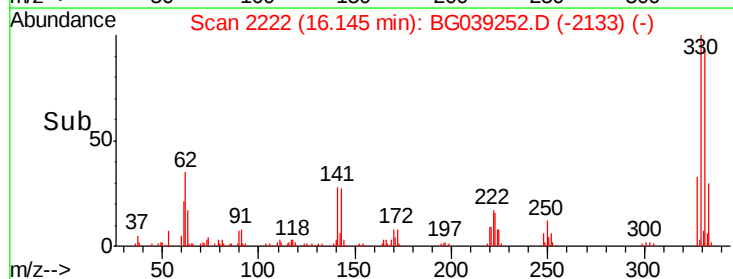
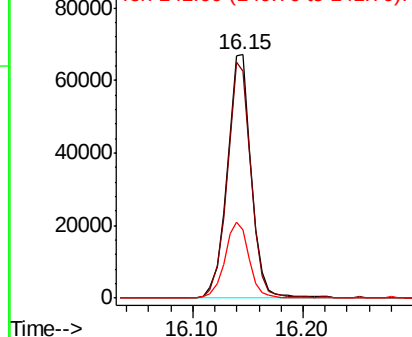


Abundance

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

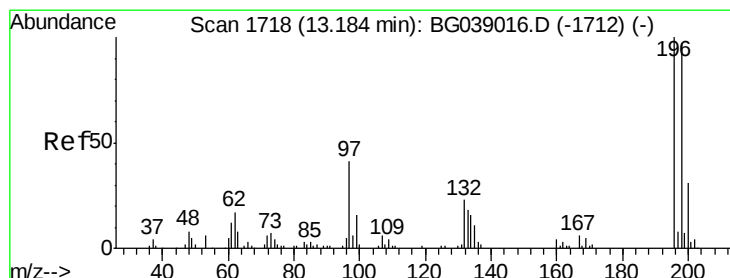
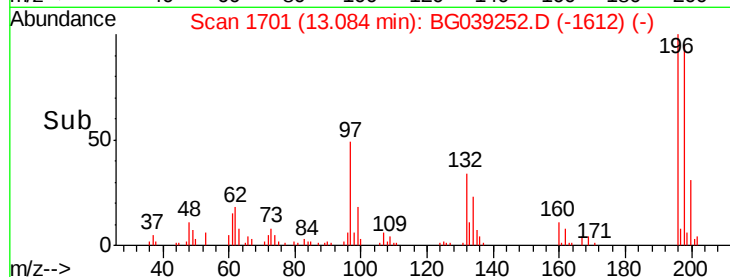
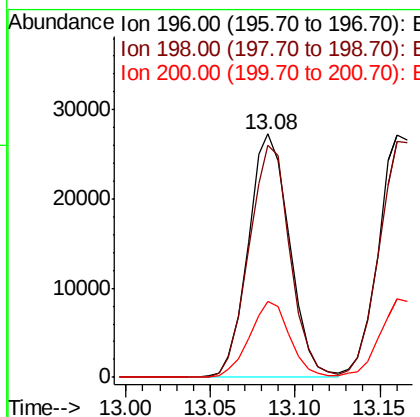
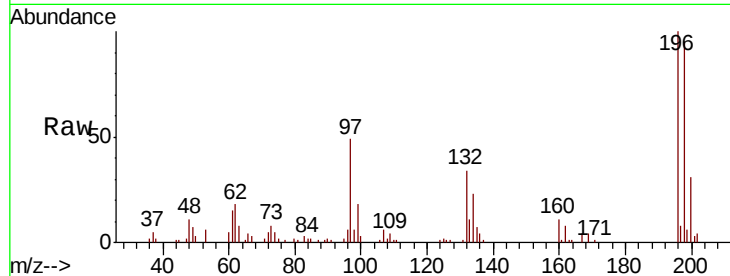




#43
 2,4,6-Trichlorophenol
 Concen: 42.356 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

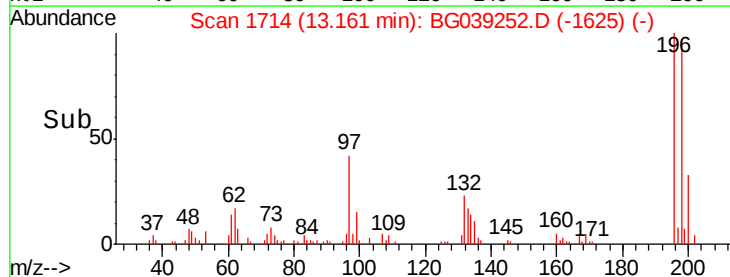
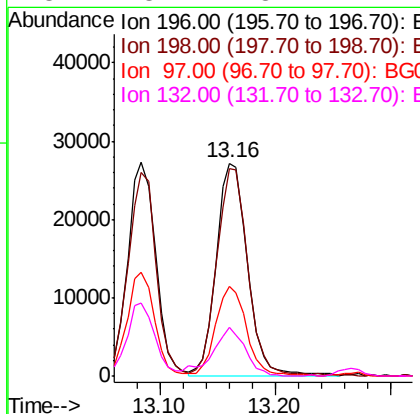
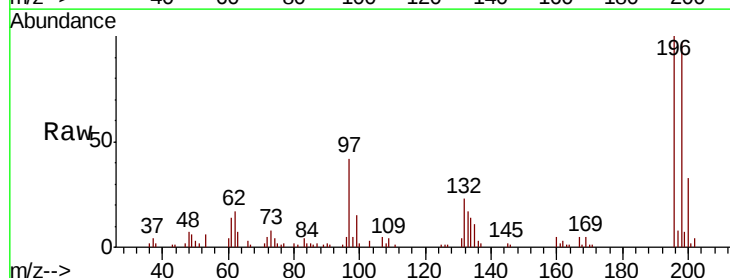
Instrument :
 BNA_G
 ClientSampleId :
 PB116551BSD

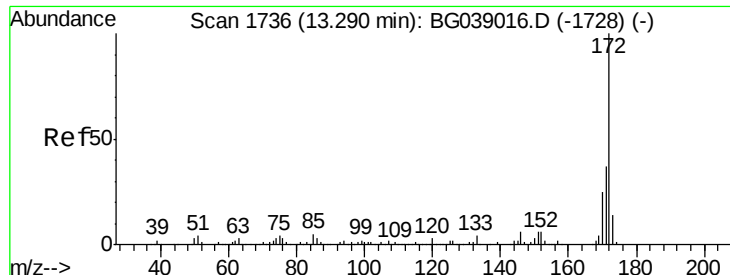
Tot Ion:196 Resp: 46278
 Ion Ratio Lower Upper
 196 100
 198 95.4 74.5 111.7
 200 31.3 23.8 35.6



#44
 2,4,5-Trichlorophenol
 Concen: 44.274 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Tgt Ion:196 Resp: 51127
 Ion Ratio Lower Upper
 196 100
 198 97.5 78.1 117.1
 97 42.3 33.2 49.8
 132 23.2 18.2 27.4

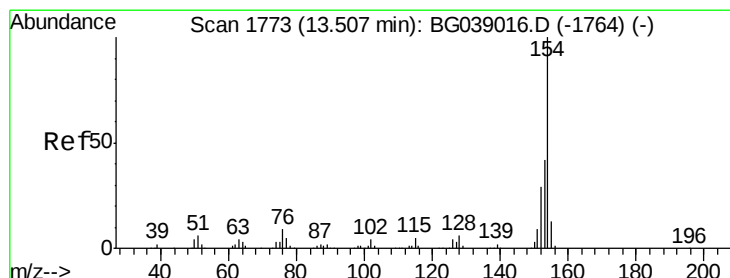
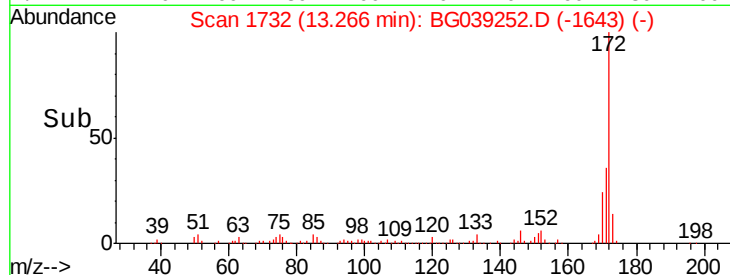
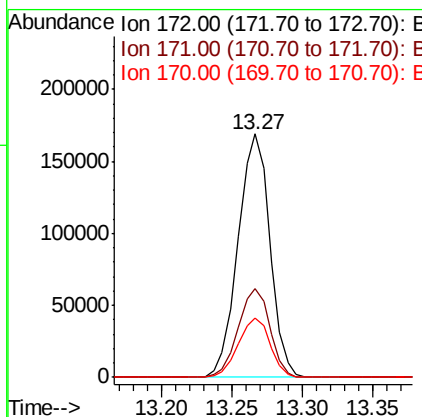
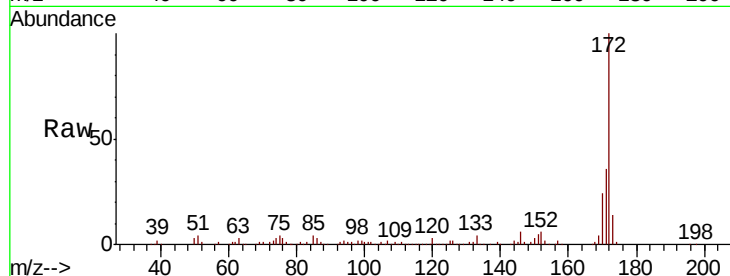




#45
 2-Fluorobiphenyl
 Concen: 78.800 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

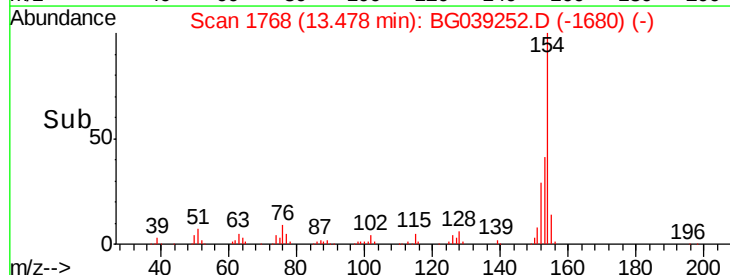
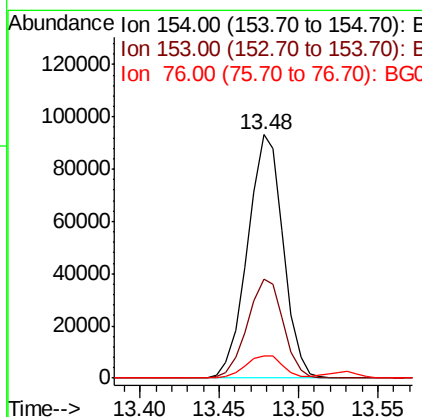
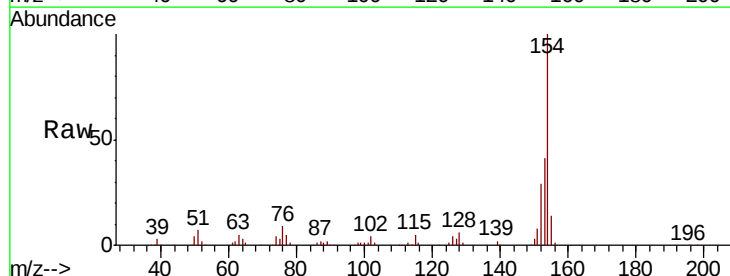
Instrument :
 BNA_G
 ClientSampleId :
 PB116551BSD

Tot Ion:172 Resp: 266158
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.5 20.1 30.1



#46
 1,1'-Biphenyl
 Concen: 39.512 ng
 RT: 13.48 min Scan# 1768
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Tgt Ion:154 Resp: 144722
 Ion Ratio Lower Upper
 154 100
 153 40.9 22.4 62.4
 76 9.3 0.0 29.4

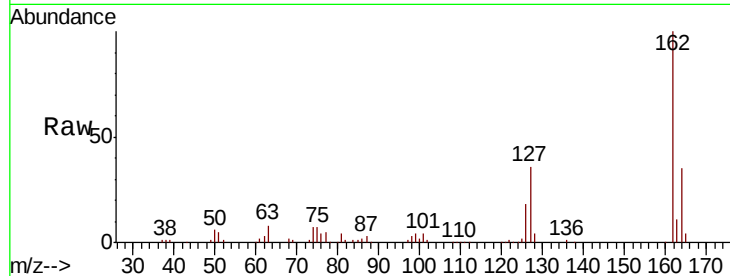




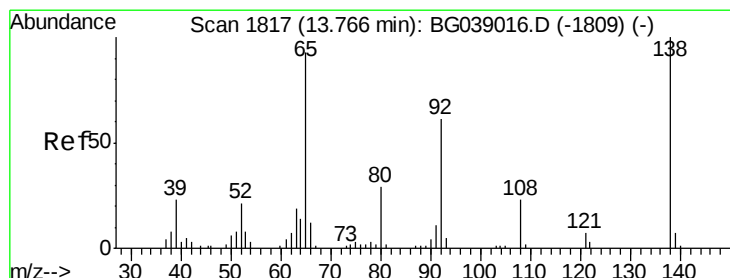
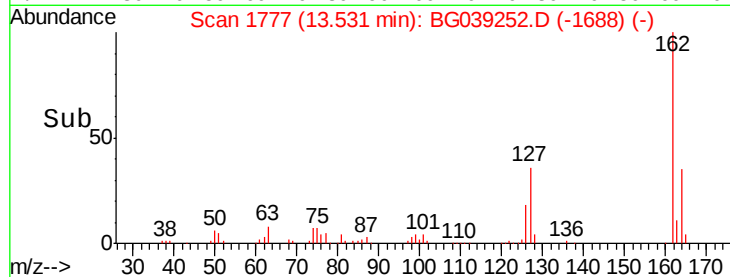
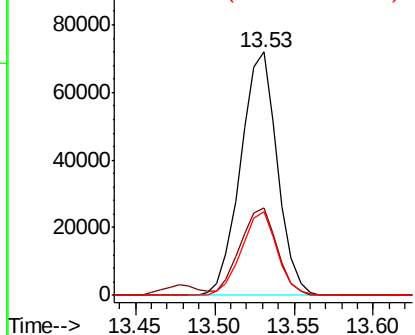
#47
 2-Chloronaphthalene
 Concen: 38.931 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Instrument :
 BNA_G
 ClientSampleId :
 PB116551BSD

Tot Ion:162 Resp: 115391
 Ion Ratio Lower Upper
 162 100
 127 35.7 28.4 42.6
 164 34.6 26.3 39.5

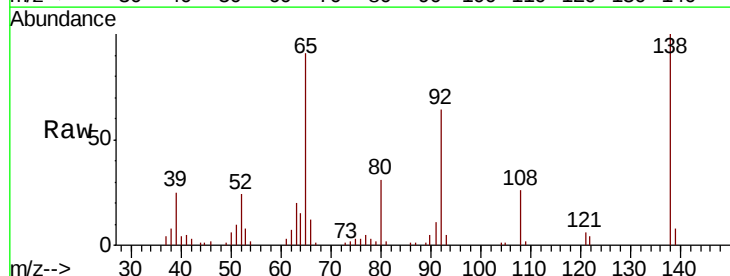


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

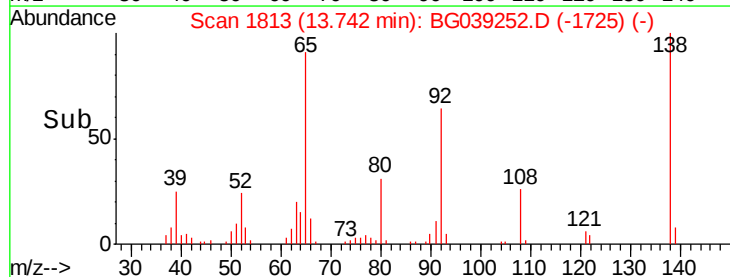
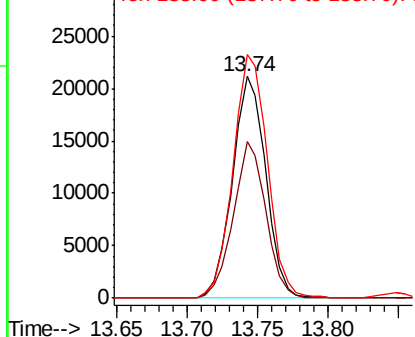


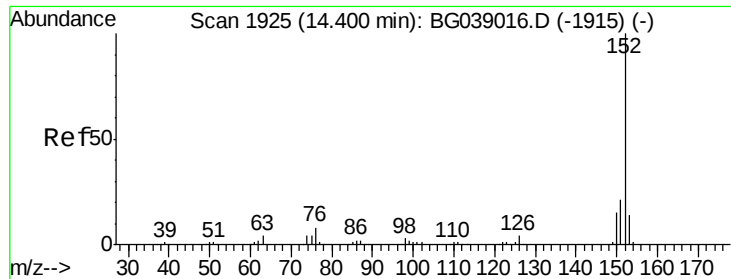
#48
 2-Nitroaniline
 Concen: 41.988 ng
 RT: 13.74 min Scan# 1813
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Tgt Ion: 65 Resp: 34866
 Ion Ratio Lower Upper
 65 100
 92 70.8 52.2 78.4
 138 109.8 86.0 129.0



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





#49

Acenaphthylene

Concen: 43.298 ng

RT: 14.37 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

Instrument :

BNA_G

ClientSampleId :

PB116551BSD

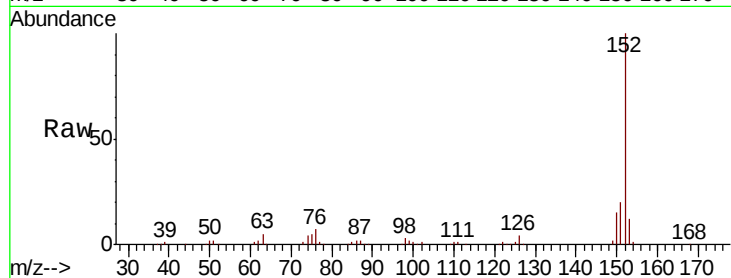
Tot Ion:152 Resp: 192898

Ion Ratio Lower Upper

152 100

151 19.5 17.0 25.4

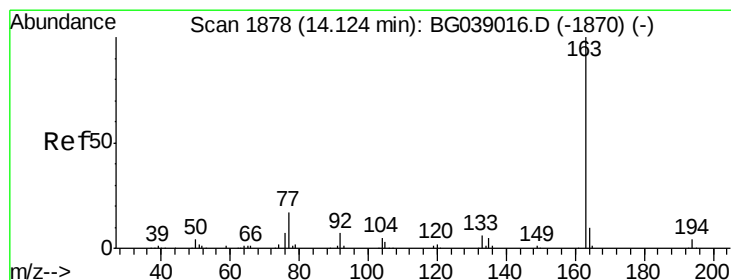
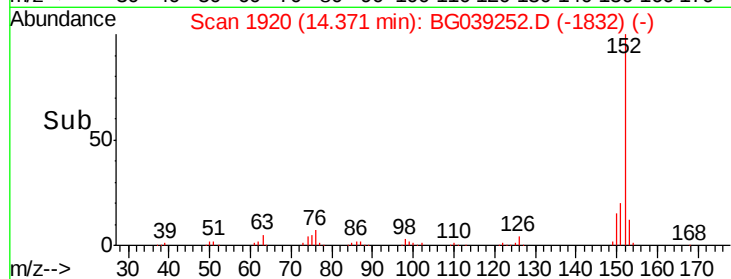
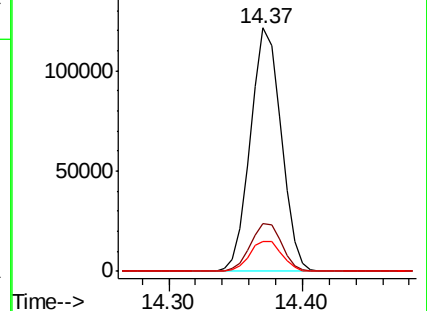
153 12.5 11.2 16.8



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: 40.628 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

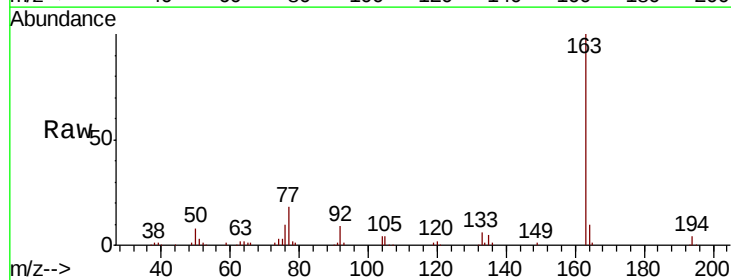
Tgt Ion:163 Resp: 158700

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

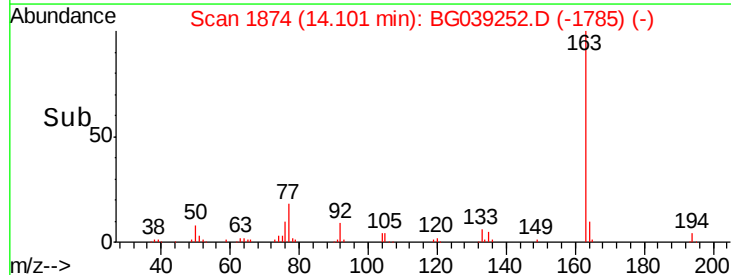
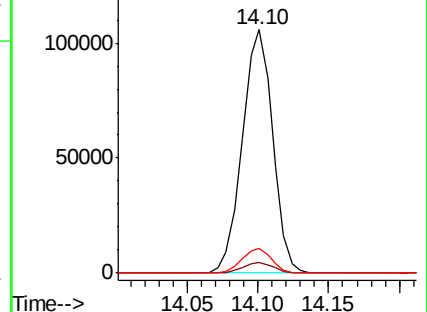
164 10.4 8.2 12.2

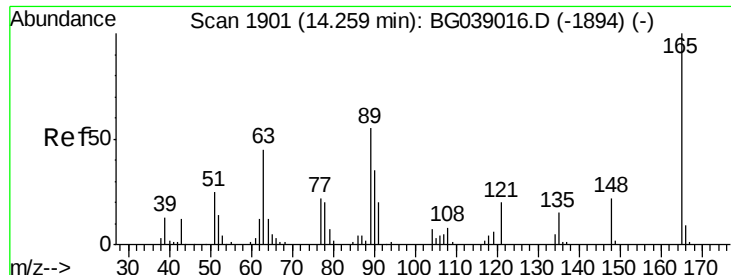


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

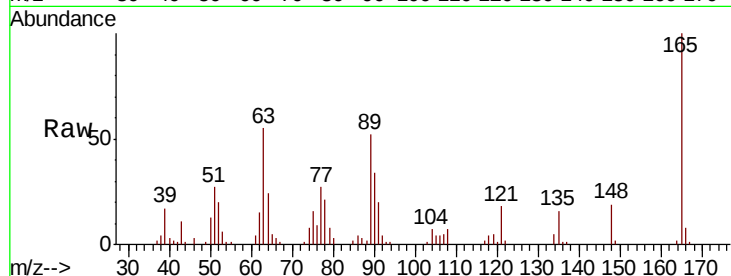




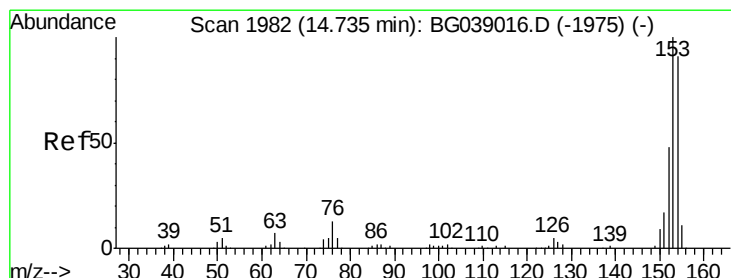
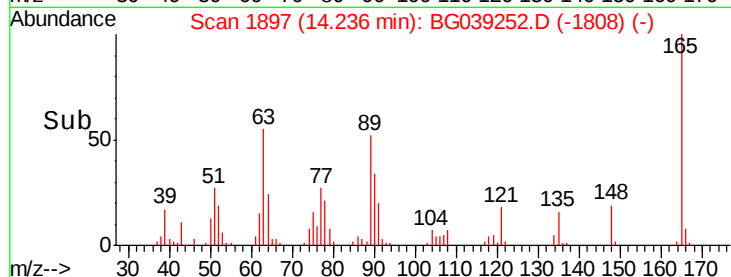
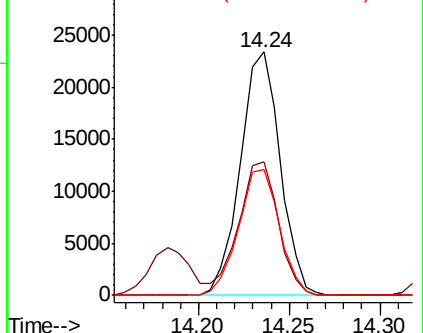
#51
 2,6-Dinitrotoluene
 Concen: 40.940 ng
 RT: 14.24 min Scan# 1897
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Instrument :
 BNA_G
 ClientSampleId :
 PB116551BSD

Tot Ion:165 Resp: 35754
 Ion Ratio Lower Upper
 165 100
 63 55.1 43.6 65.4
 89 51.8 43.7 65.5

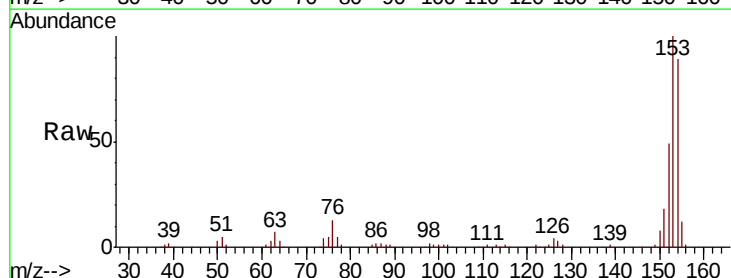


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

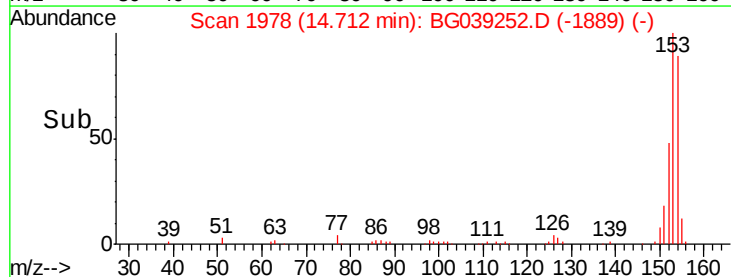
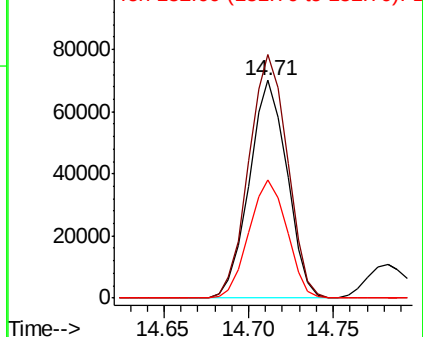


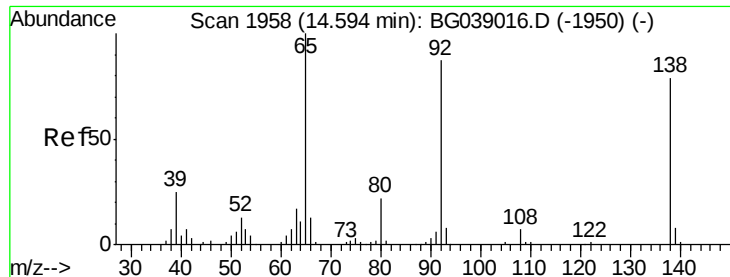
#52
 Acenaphthene
 Concen: 40.822 ng
 RT: 14.71 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Tgt Ion:154 Resp: 109268
 Ion Ratio Lower Upper
 154 100
 153 111.9 87.9 131.9
 152 54.4 42.2 63.2



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: 28.408 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

Instrument :

BNA_G

ClientSampleId :

PB116551BSD

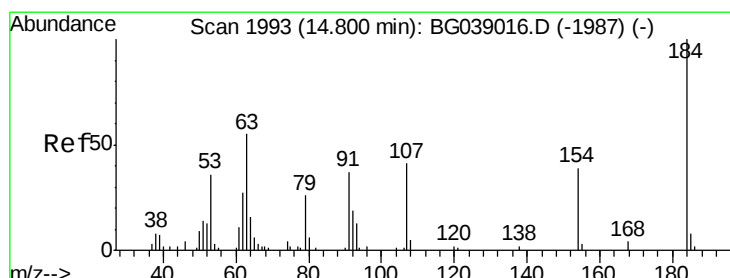
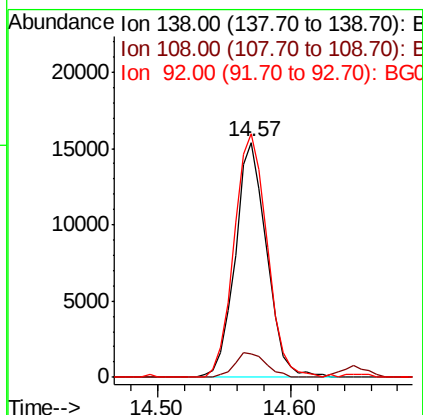
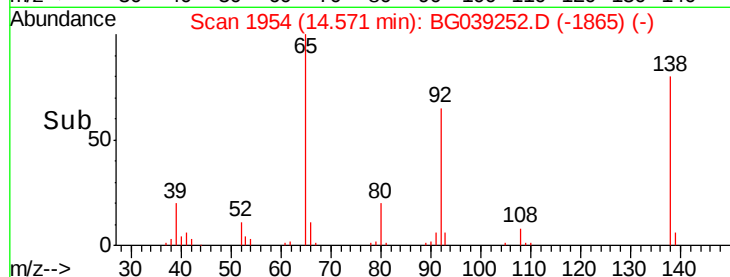
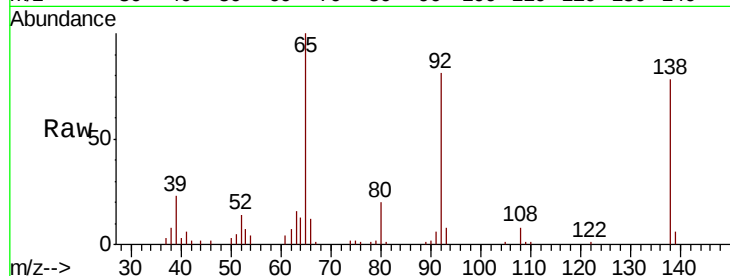
Tot Ion:138 Resp: 25168

Ion Ratio Lower Upper

138 100

108 9.9 7.4 11.0

92 103.5 88.2 132.4



#54

2,4-Dinitrophenol

Concen: 59.926 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

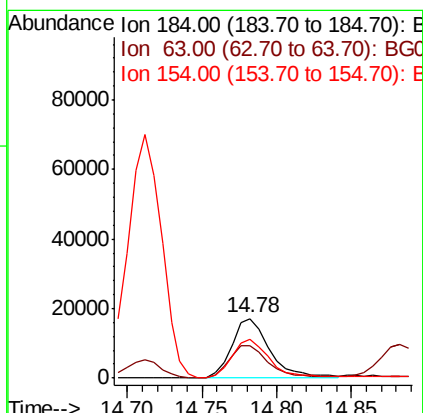
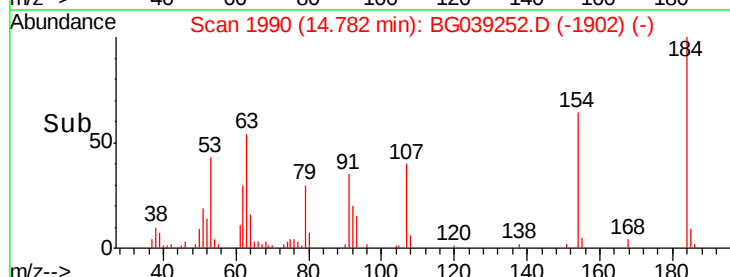
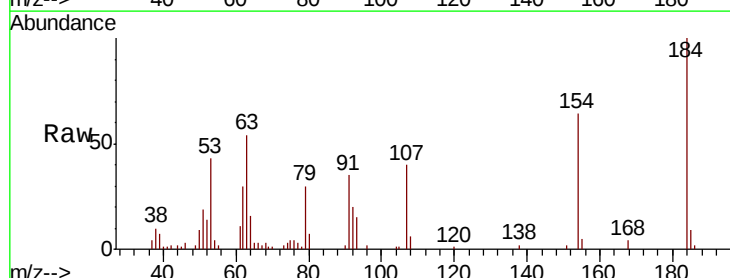
Tgt Ion:184 Resp: 30533

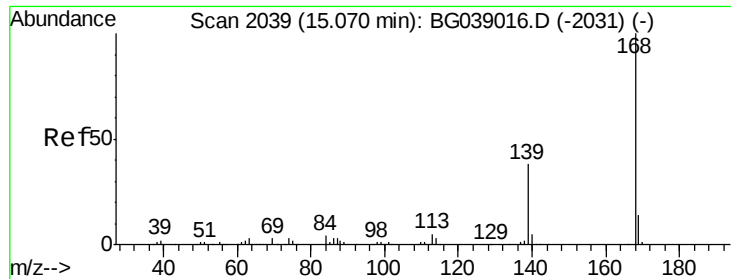
Ion Ratio Lower Upper

184 100

63 54.2 44.0 66.0

154 64.5 46.1 69.1

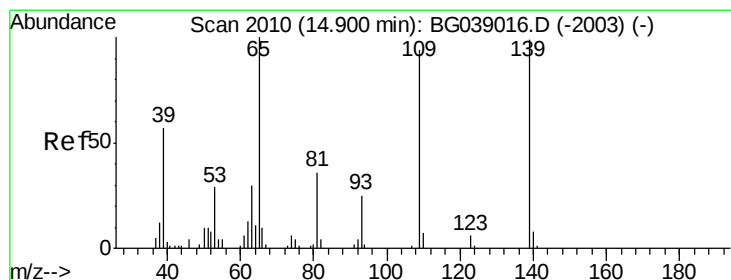
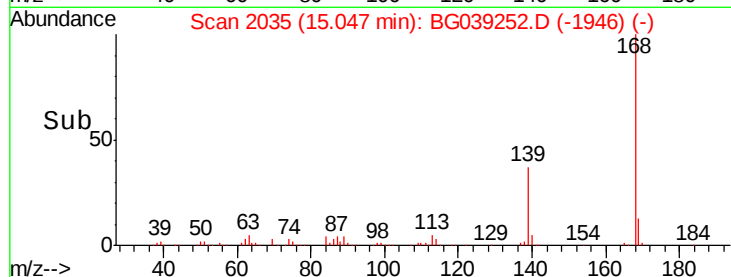
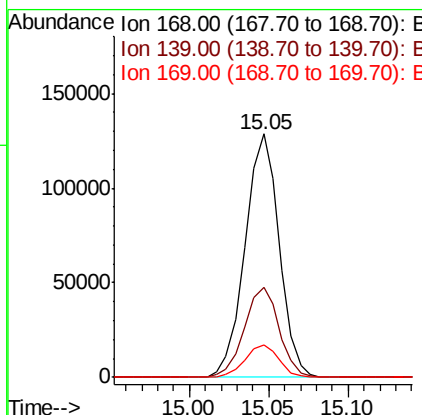
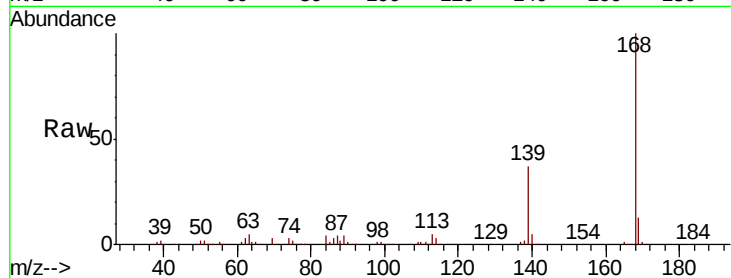




#55
Dibenzenofuran
Concen: 40.687 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

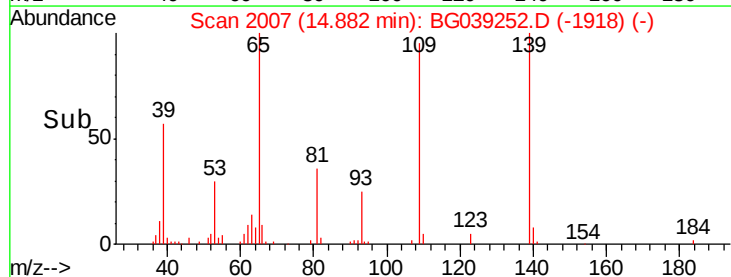
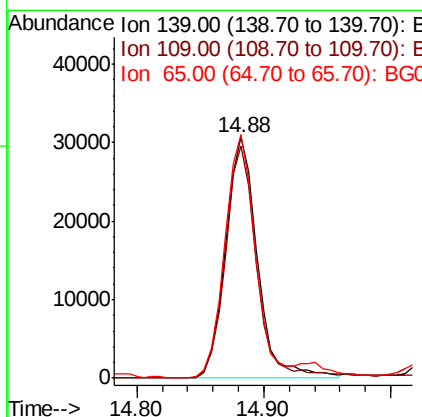
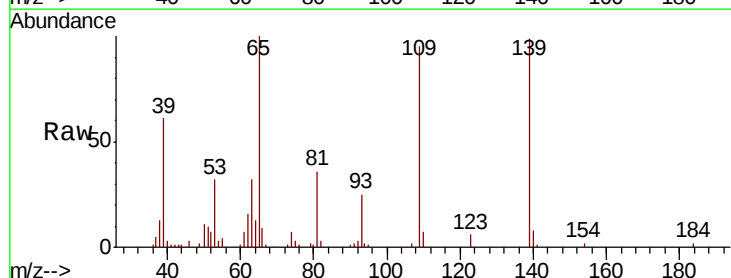
Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.8	30.1	45.1
169	13.4	10.9	16.3



#56
4-Nitrophenol
Concen: 83.374 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Tgt Ion	Ratio	Lower	Upper
139	100		
109	96.6	75.6	115.6
65	101.2	81.2	121.2

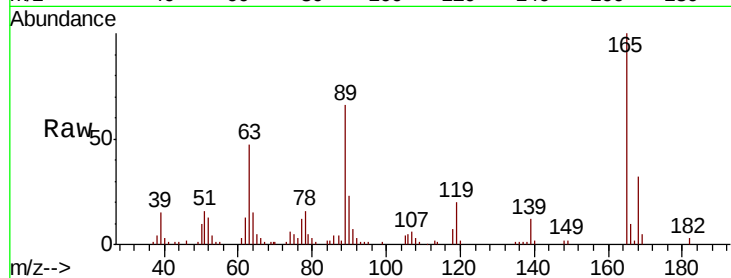




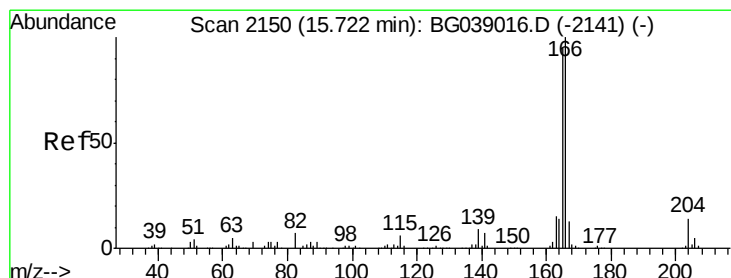
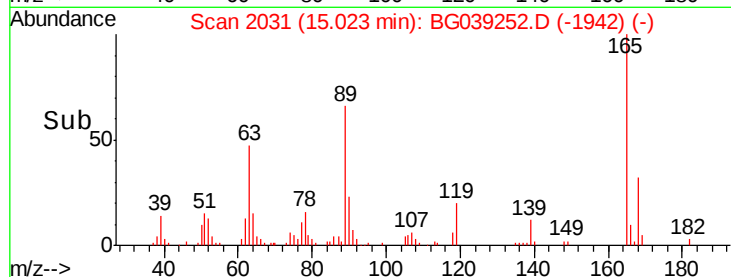
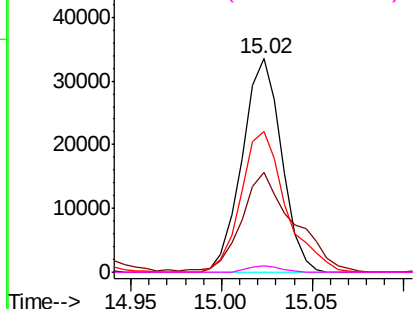
#57
2,4-Dinitrotoluene
Concen: 40.573 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Tot Ion:165 Resp: 50836
Ion Ratio Lower Upper
165 100
63 46.8 30.2 45.4#
89 65.8 53.2 79.8
182 3.0 2.7 4.1

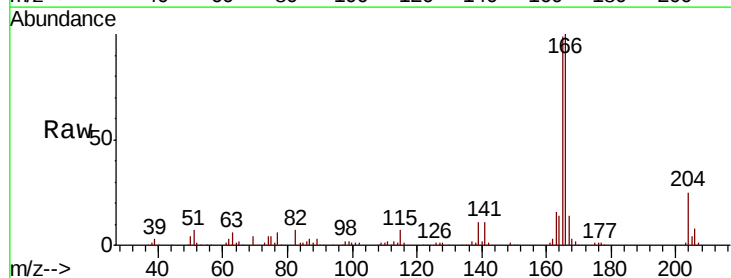


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

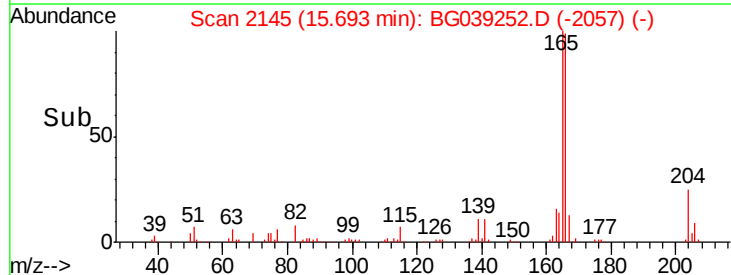
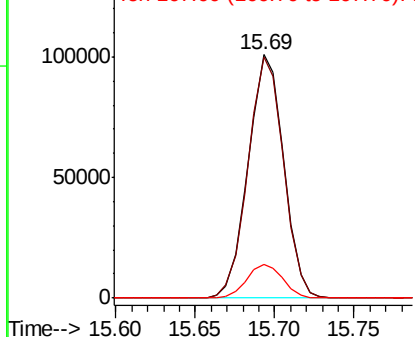


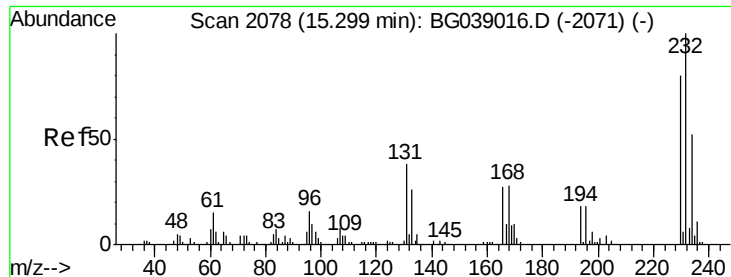
#58
Fluorene
Concen: 44.156 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Tgt Ion:166 Resp: 157124
Ion Ratio Lower Upper
166 100
165 98.9 76.2 114.2
167 13.6 10.6 16.0



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

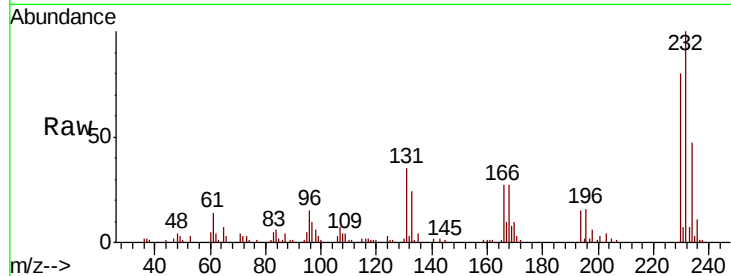




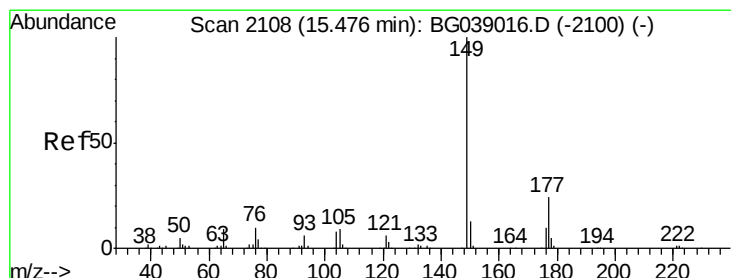
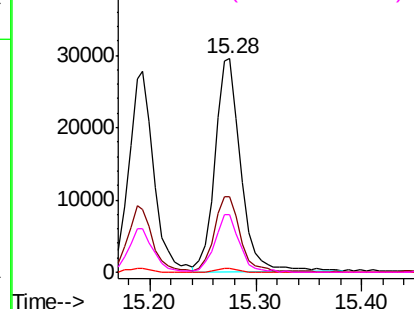
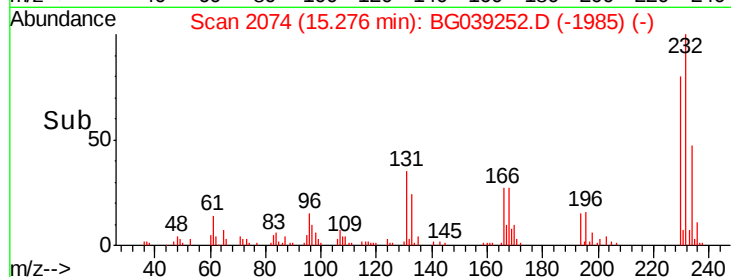
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.915 ng
RT: 15.28 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Tot Ion:232 Resp: 50051
Ion Ratio Lower Upper
232 100
131 36.7 30.9 46.3
130 1.7 1.9 2.9#
166 26.2 22.1 33.1

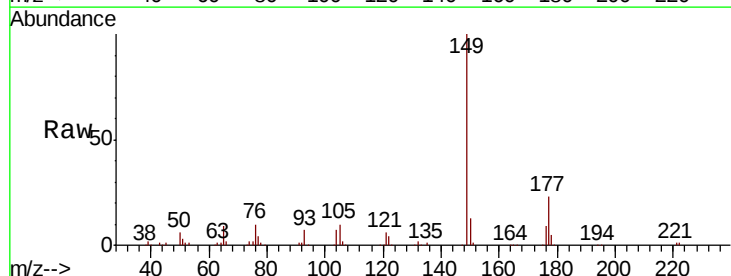


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

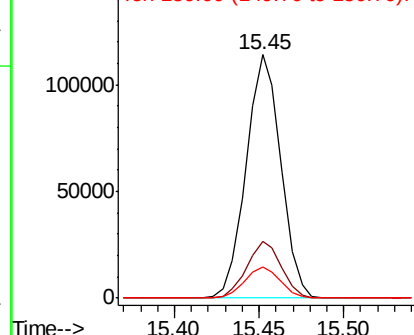
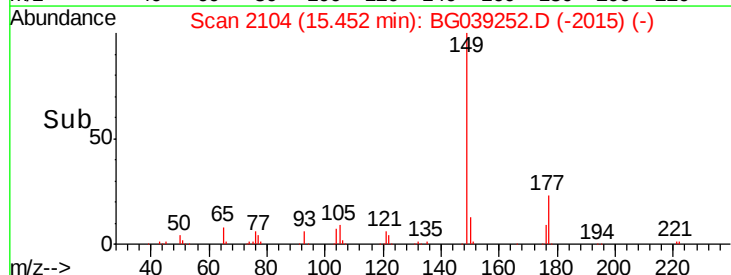


#60
Diethylphthalate
Concen: 40.431 ng
RT: 15.45 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Tgt Ion:149 Resp: 162718
Ion Ratio Lower Upper
149 100
177 23.2 19.0 28.6
150 13.0 10.2 15.4



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

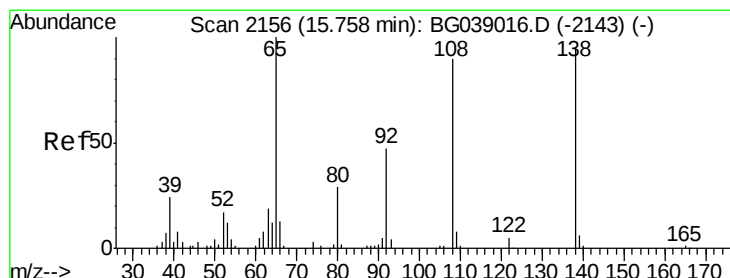
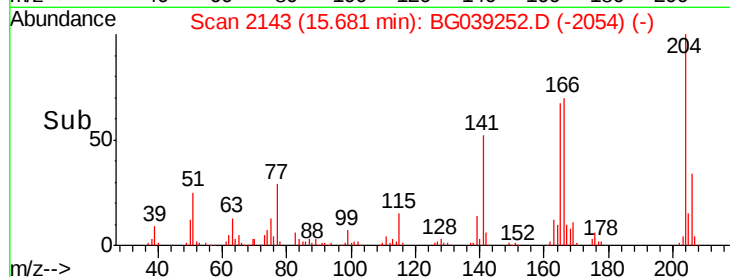
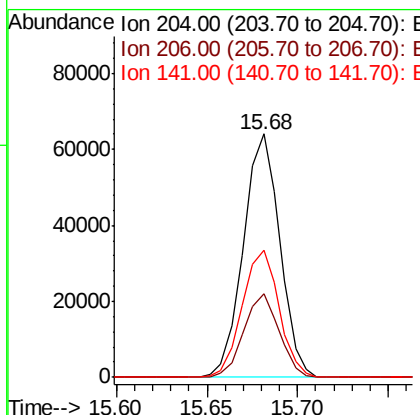
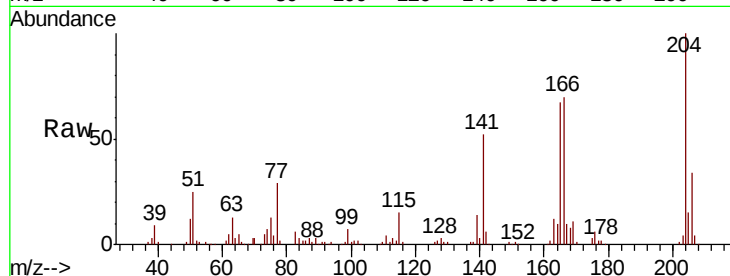




#61
4-Chlorophenyl-phenylether
Concen: 39.940 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

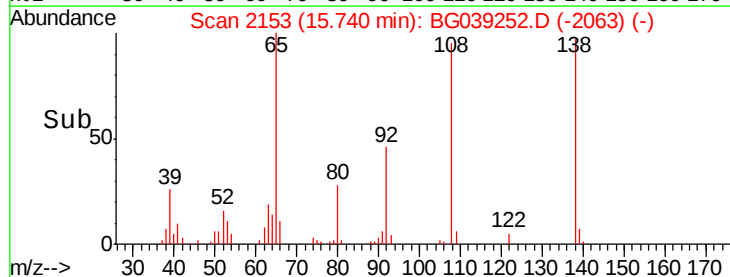
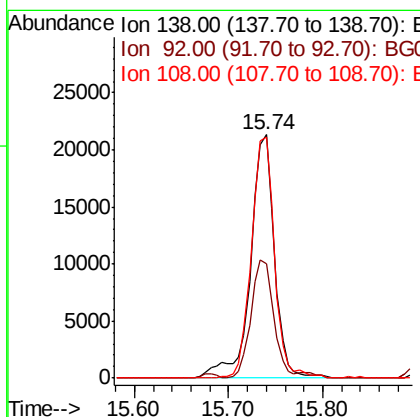
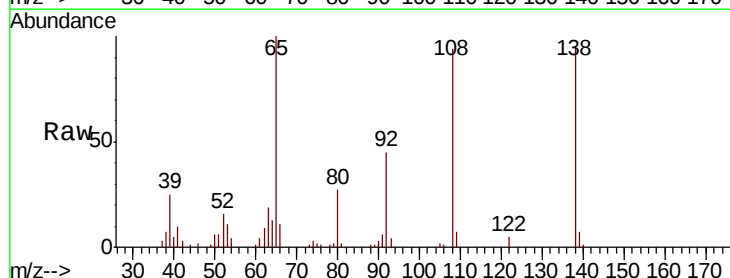
Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Tot Ion:204 Resp: 89539
Ion Ratio Lower Upper
204 100
206 34.1 26.6 39.8
141 52.5 41.4 62.0



#62
4-Nitroaniline
Concen: 40.921 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Tgt Ion:138 Resp: 37767
Ion Ratio Lower Upper
138 100
92 47.1 29.7 69.7
108 99.0 75.7 115.7





#63

Azobenzene

Concen: 40.572 ng

RT: 15.97 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

Instrument :

BNA_G

ClientSampleId :

PB116551BSD

Tot Ion: 77 Resp: 127694

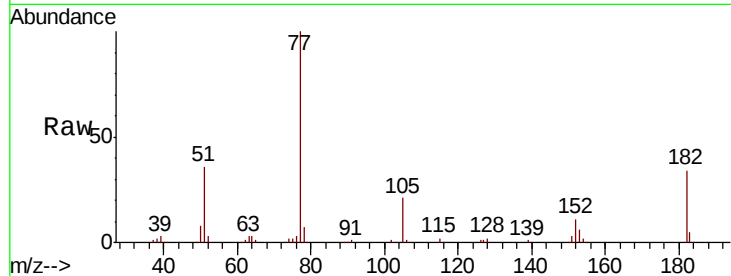
Ion Ratio Lower Upper

77 100

182 34.5 12.2 52.2

105 20.6 1.2 41.2

51 35.7 13.4 53.4

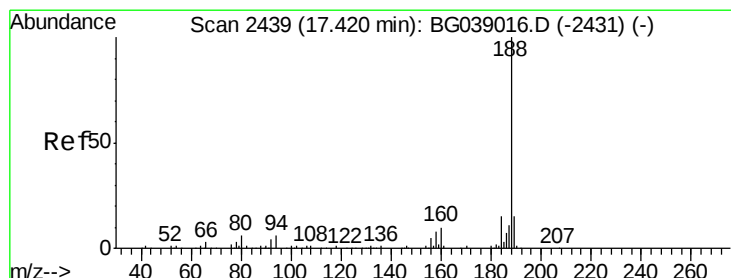
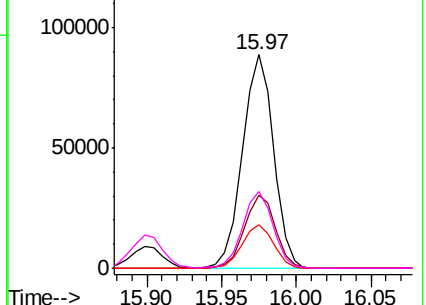
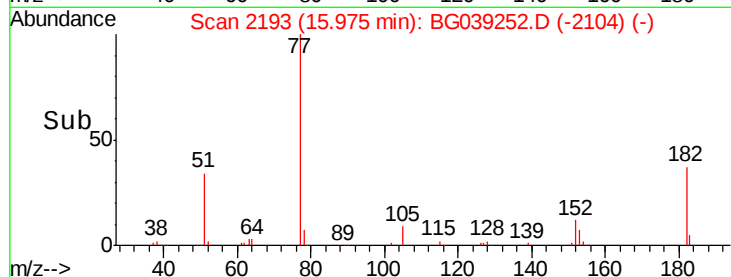


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

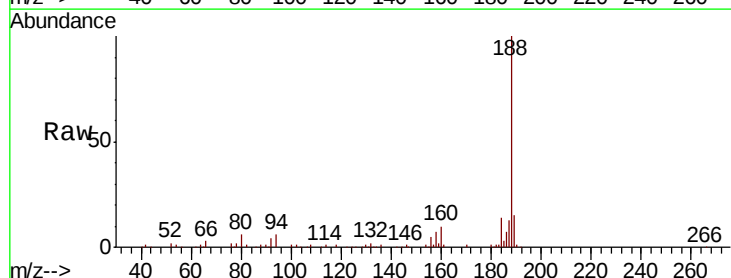
Tgt Ion: 188 Resp: 124524

Ion Ratio Lower Upper

188 100

94 6.3 5.0 7.4

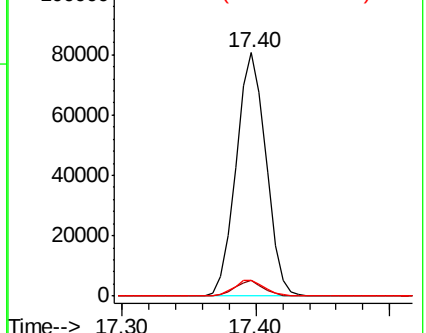
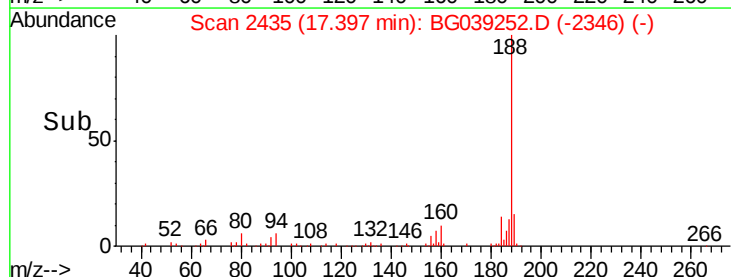
80 6.4 4.7 7.1

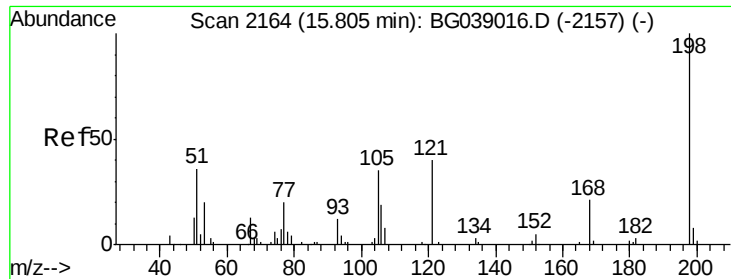


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

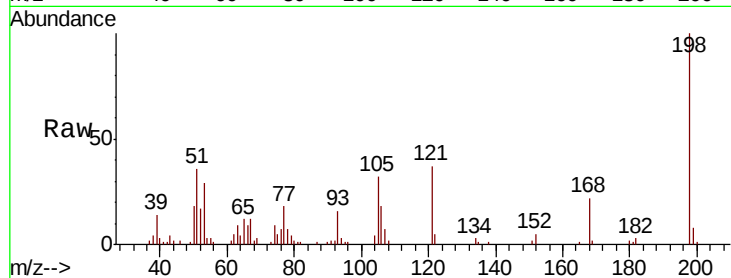




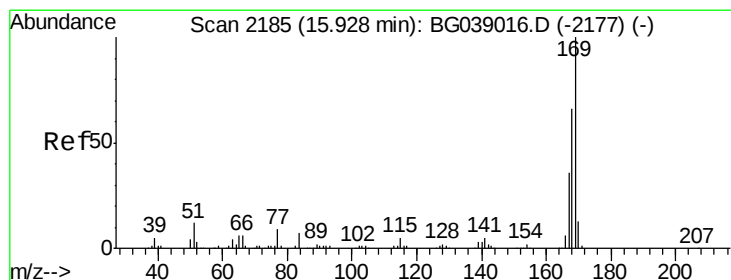
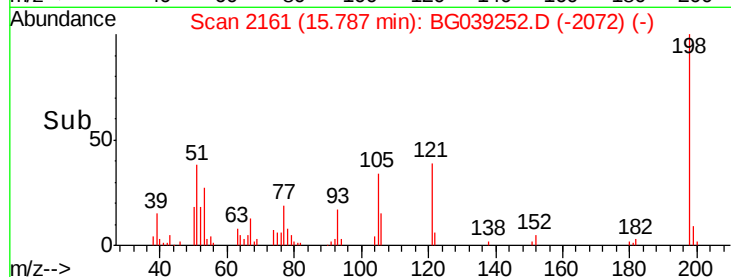
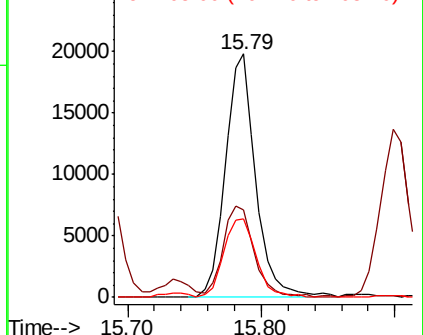
#65
4,6-Dinitro-2-methylphenol
Concen: 33.977 ng
RT: 15.79 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Tot Ion:198 Resp: 31345
Ion Ratio Lower Upper
198 100
51 35.8 20.8 60.8
105 32.2 16.1 56.1

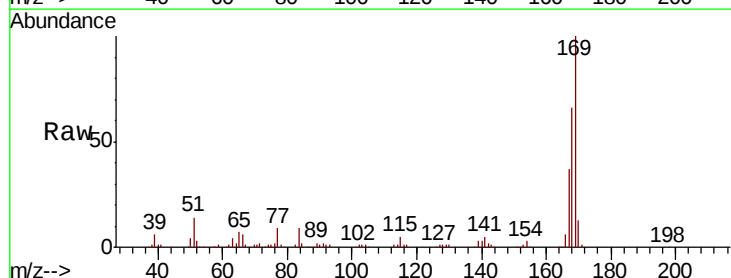


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

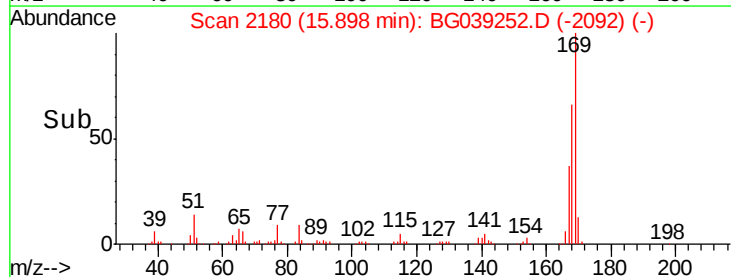
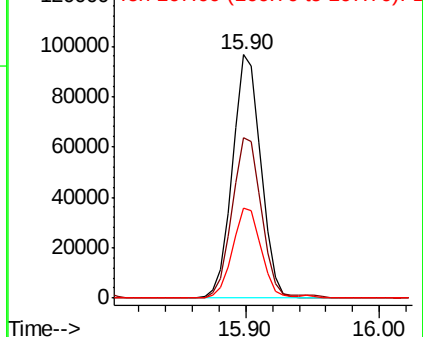


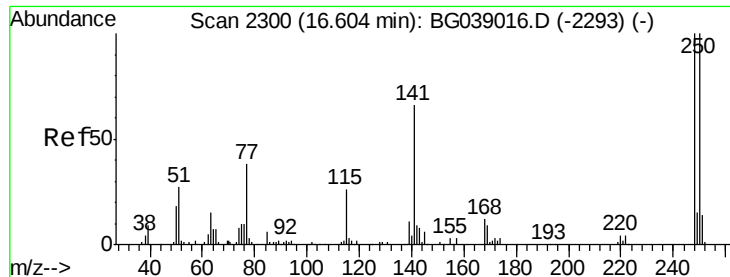
#66
n-Nitrosodiphenylamine
Concen: 38.706 ng
RT: 15.90 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Tgt Ion:169 Resp: 142885
Ion Ratio Lower Upper
169 100
168 65.7 53.2 79.8
167 37.0 29.1 43.7



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

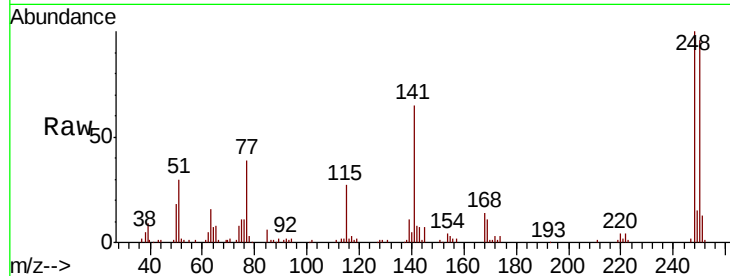




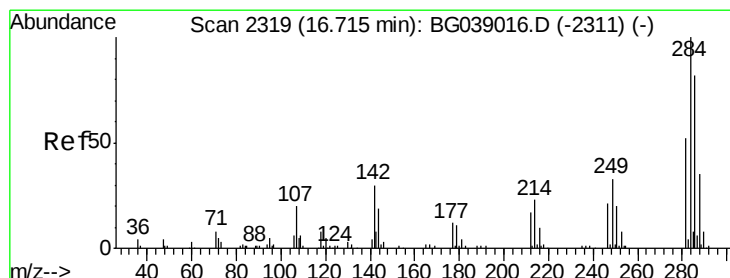
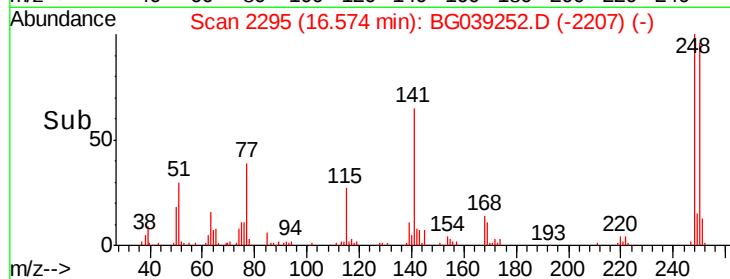
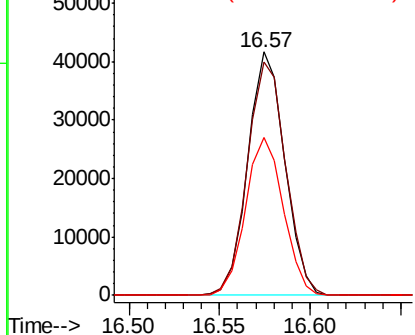
#67
 4-Bromophenyl-phenylether
 Concen: 36.841 ng
 RT: 16.57 min Scan# 2295
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Instrument :
 BNA_G
 ClientSampleId :
 PB116551BSD

Tot Ion:248 Resp: 58972
 Ion Ratio Lower Upper
 248 100
 250 95.8 79.9 119.9
 141 65.1 52.7 79.1

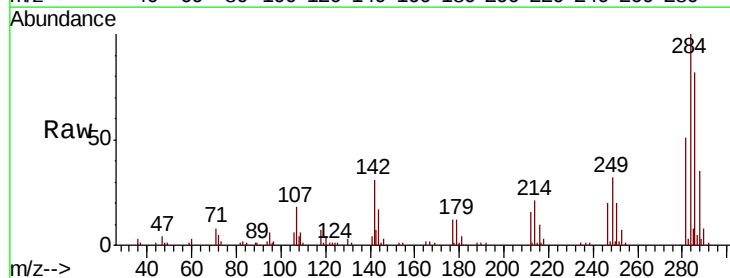


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

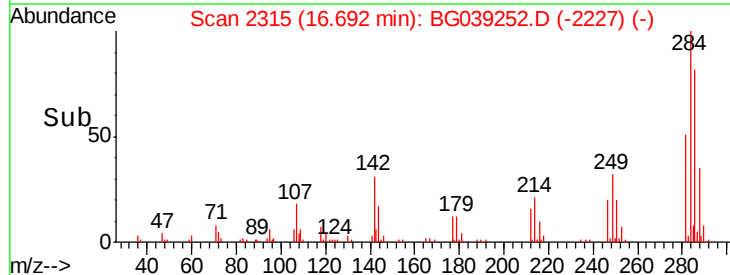
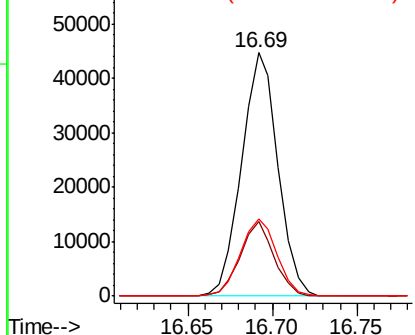


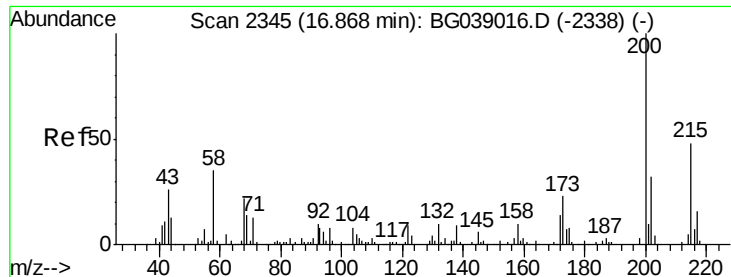
#68
 Hexachlorobenzene
 Concen: 38.068 ng
 RT: 16.69 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Tgt Ion:284 Resp: 66492
 Ion Ratio Lower Upper
 284 100
 142 30.8 24.3 36.5
 249 34.2 27.8 41.8



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

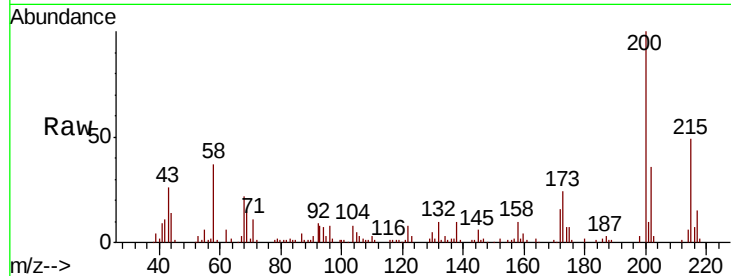




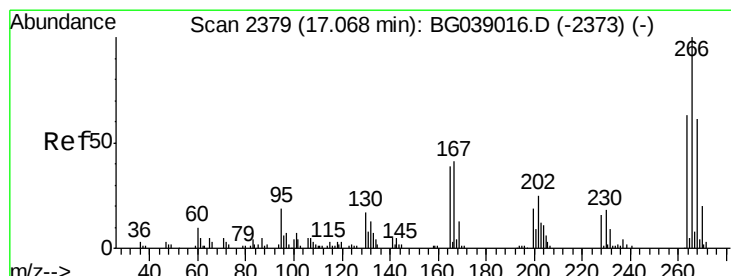
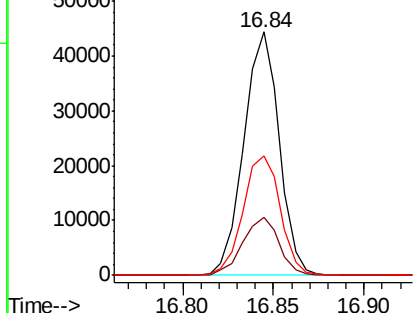
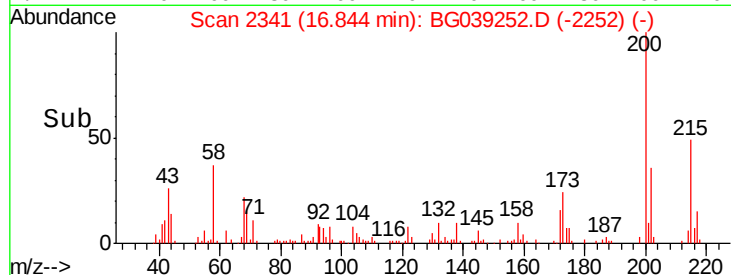
#69
 Atrazine
 Concen: 38.319 ng
 RT: 16.84 min Scan# 2341
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Instrument :
 BNA_G
 ClientSampleId :
 PB116551BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.6	2.6	42.6
215	49.3	28.0	68.0

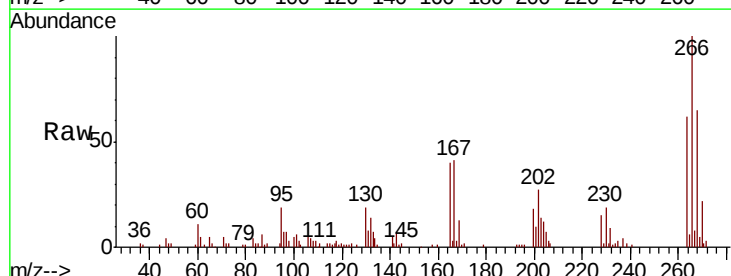


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

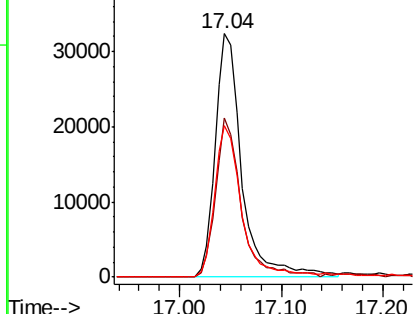
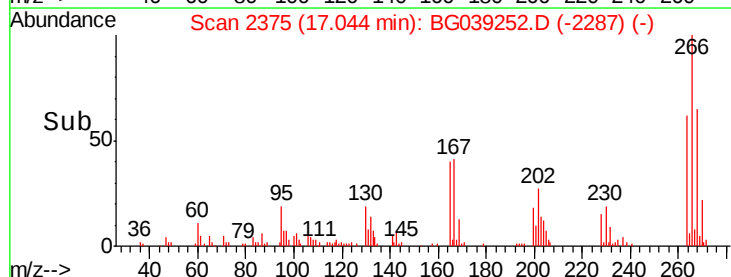


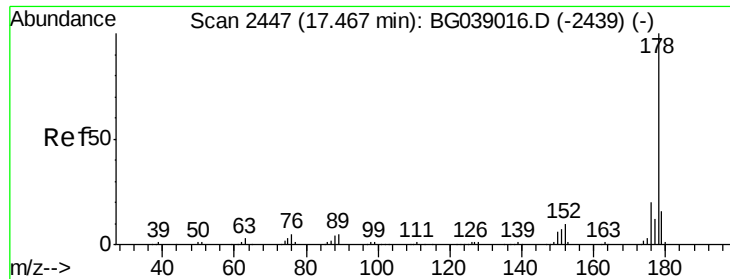
#70
 Pentachlorophenol
 Concen: 56.677 ng
 RT: 17.04 min Scan# 2375
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Tgt Ion	Ratio	Lower	Upper
266	100		
268	69.9	52.0	78.0
264	67.8	54.6	81.8



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

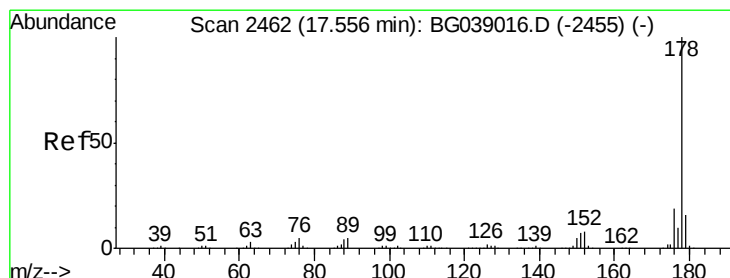
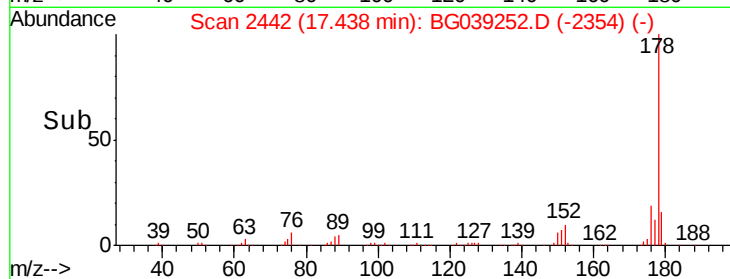
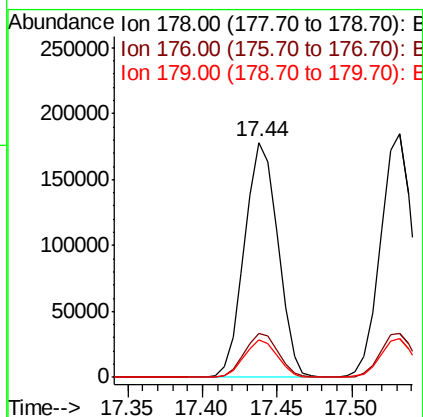
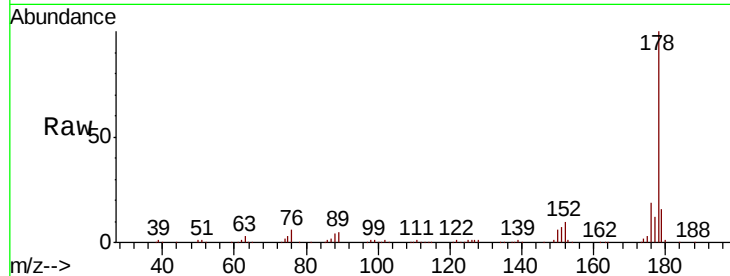




#71
Phenanthrene
Concen: 42.062 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

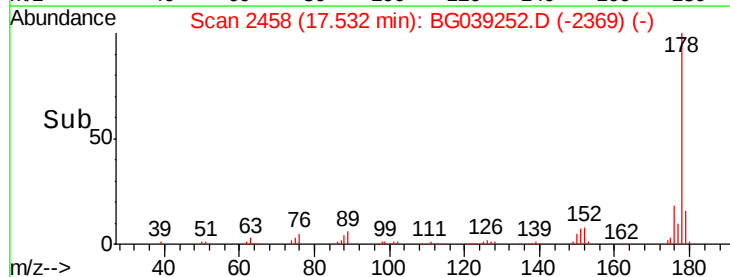
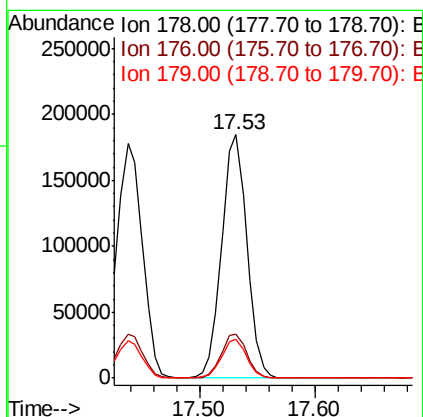
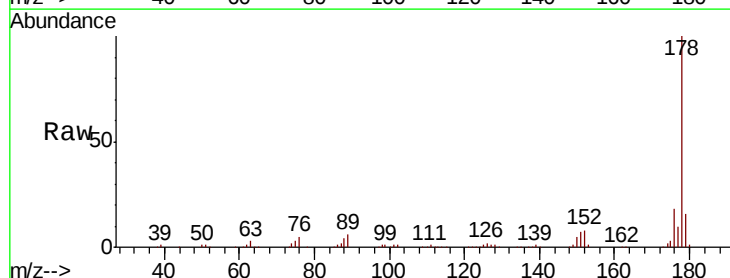
Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Tot Ion:178 Resp: 276853
Ion Ratio Lower Upper
178 100
176 18.7 15.7 23.5
179 15.9 12.9 19.3



#72
Anthracene
Concen: 42.968 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Tgt Ion:178 Resp: 279630
Ion Ratio Lower Upper
178 100
176 18.3 14.9 22.3
179 16.0 13.0 19.4

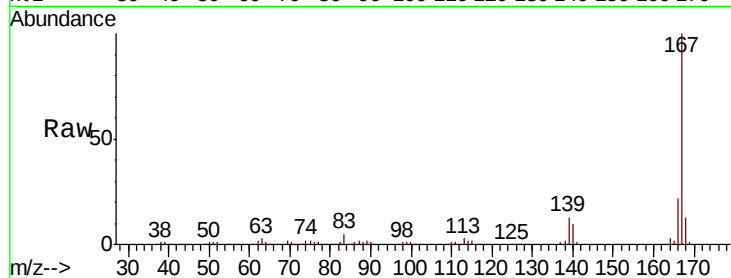




#73
 Carbazole
 Concen: 38.205 ng
 RT: 17.81 min Scan# 2505
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Instrument :
 BNA_G
 ClientSampleId :
 PB116551BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	16.9	25.3
139	12.5	10.0	15.0

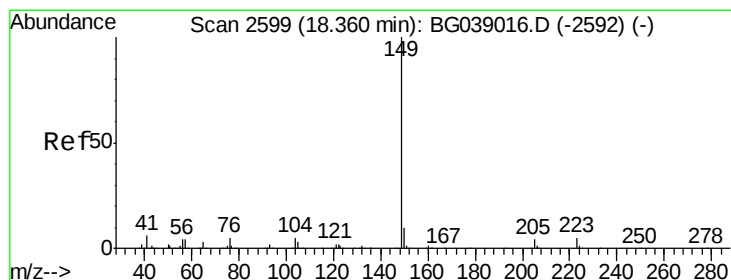
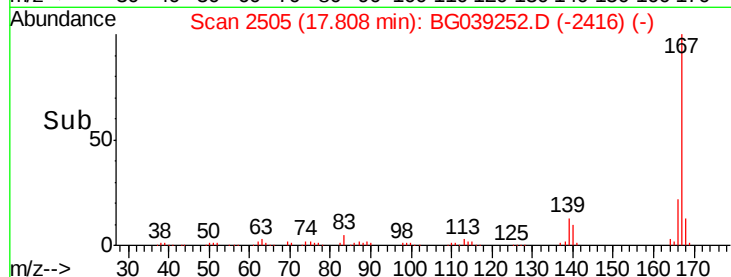
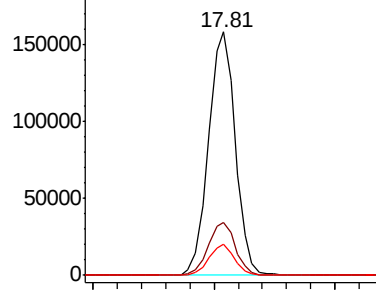


Abundance

Ion 167.00 (166.70 to 167.70): E

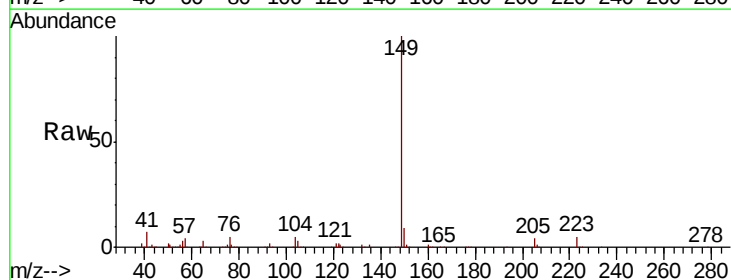
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 39.656 ng
 RT: 18.34 min Scan# 2595
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.9	11.9
104	5.1	4.2	6.2

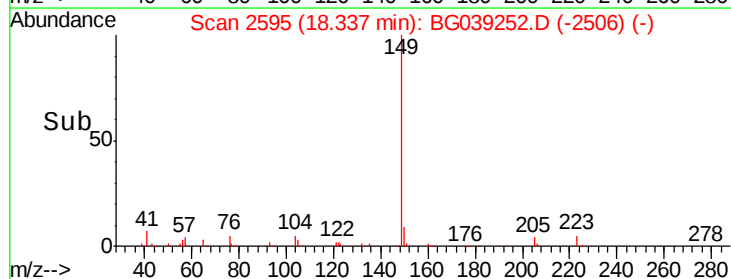
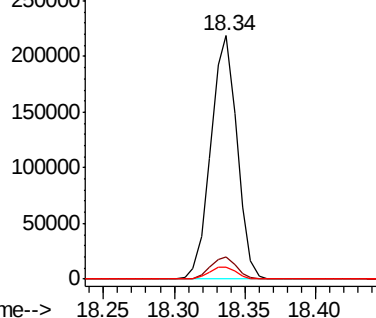


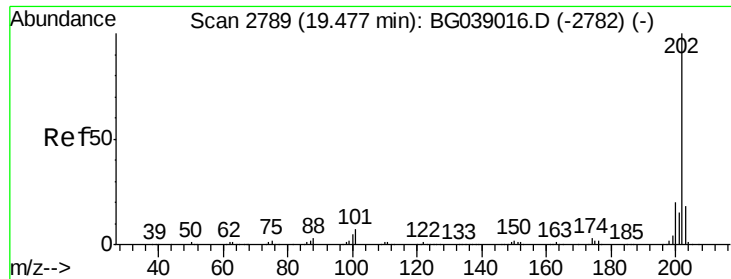
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.539 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

Instrument :

BNA_G

ClientSampleId :

PB116551BSD

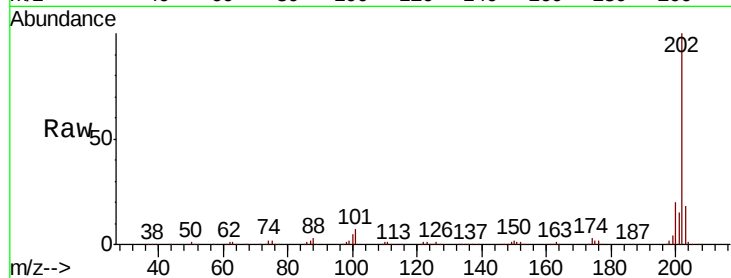
Tot Ion:202 Resp: 347095

Ion Ratio Lower Upper

202 100

101 6.6 0.0 26.9

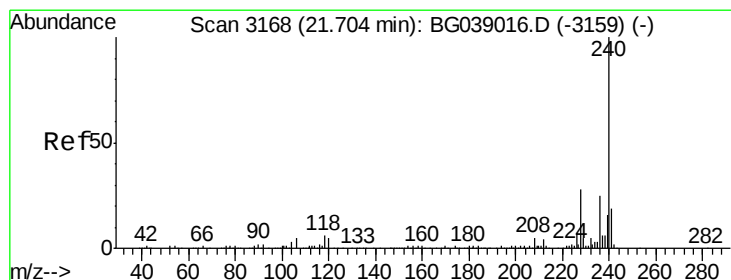
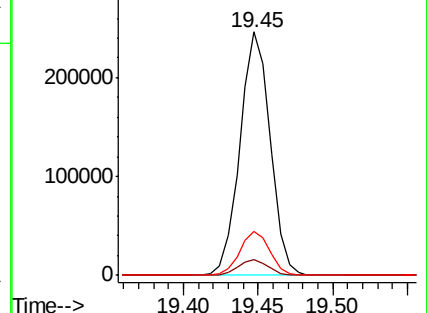
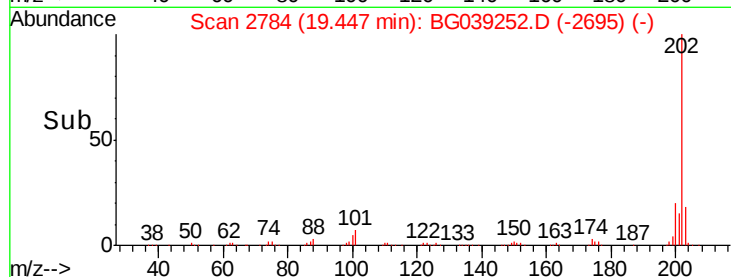
203 17.8 0.0 38.1



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: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

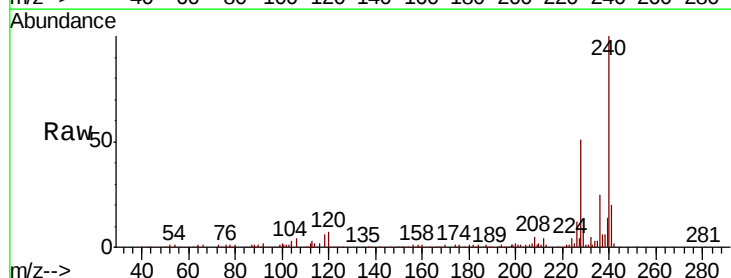
Tgt Ion:240 Resp: 130280

Ion Ratio Lower Upper

240 100

120 6.6 4.3 6.5#

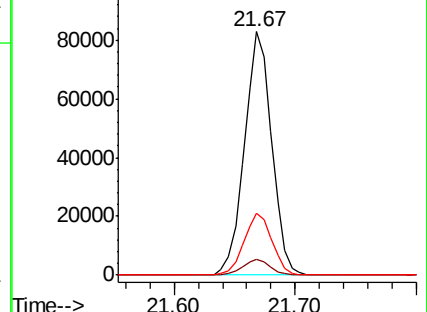
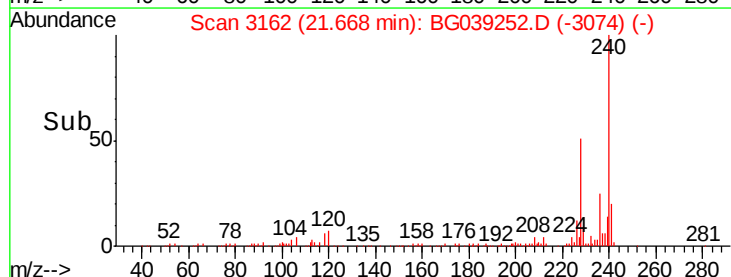
236 25.2 20.1 30.1

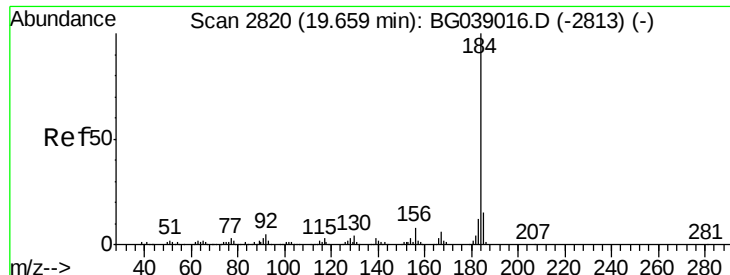


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 28.015 ng

RT: 19.64 min Scan# 2816

Delta R.T. -0.01 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

Instrument :

BNA_G

ClientSampleId :

PB116551BSD

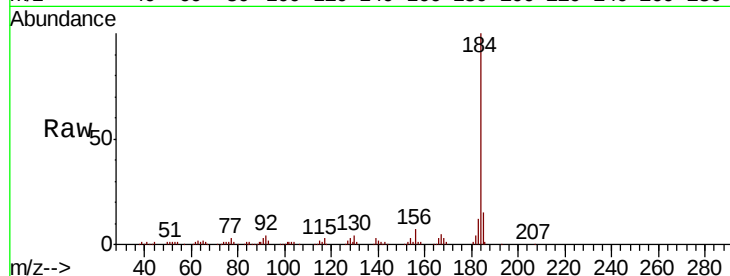
Tot Ion:184 Resp: 111633

Ion Ratio Lower Upper

184 100

185 14.6 12.1 18.1

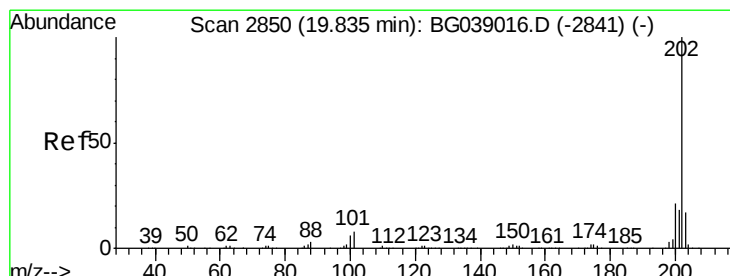
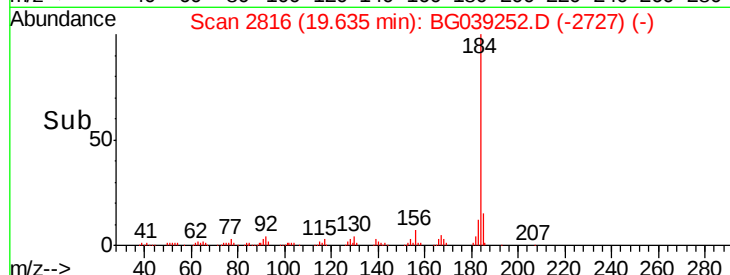
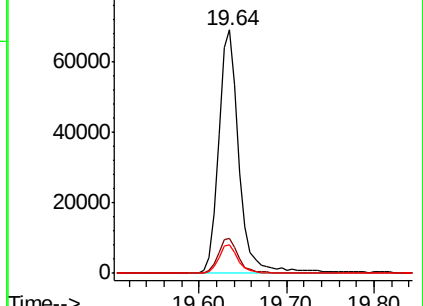
183 11.5 9.5 14.3



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: 42.034 ng

RT: 19.81 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

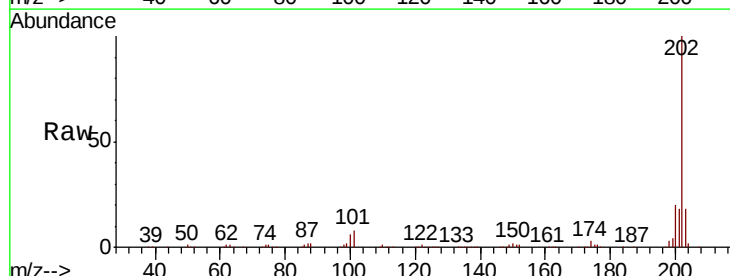
Tgt Ion:202 Resp: 348994

Ion Ratio Lower Upper

202 100

200 20.4 17.0 25.6

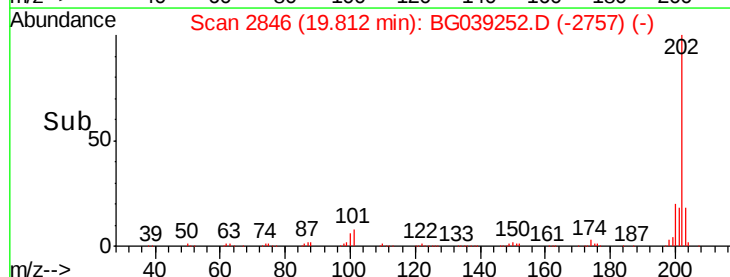
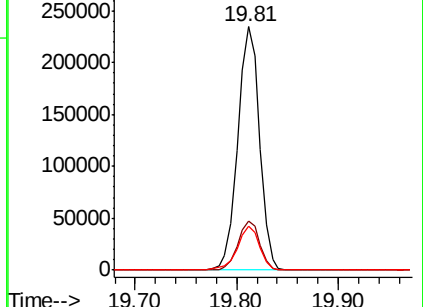
203 17.9 14.0 21.0

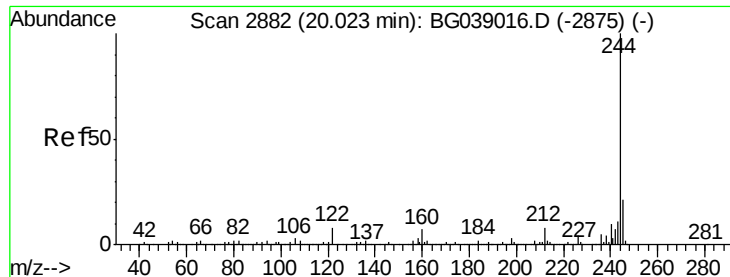


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.463 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

Instrument :

BNA_G

ClientSampleId :

PB116551BSD

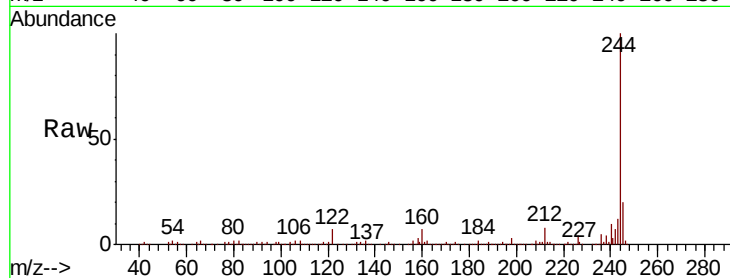
Tot Ion:244 Resp: 566669

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

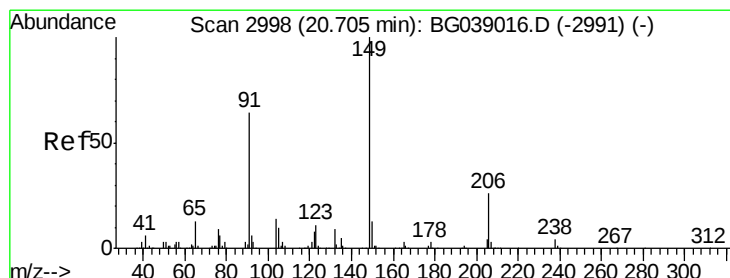
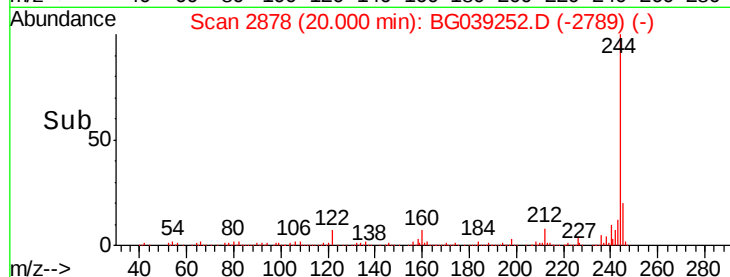
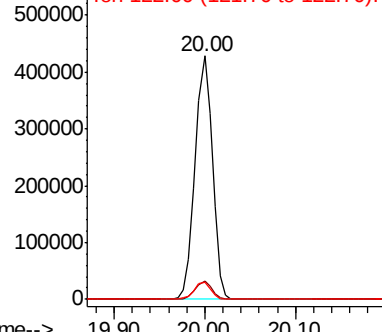
122 7.0 6.1 9.1



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: 41.435 ng

RT: 20.68 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

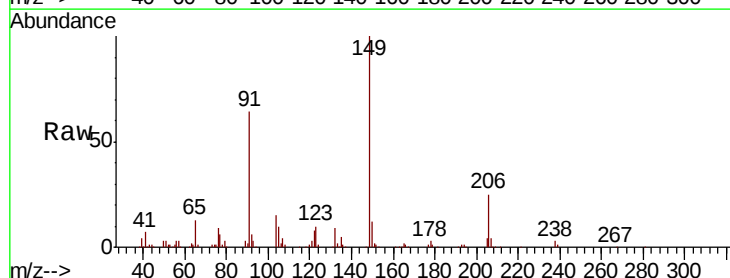
Tgt Ion:149 Resp: 130844

Ion Ratio Lower Upper

149 100

91 64.0 51.4 77.0

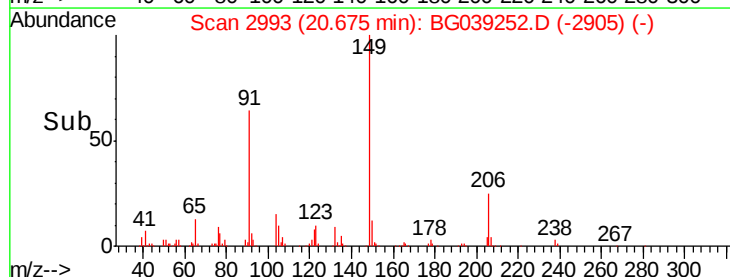
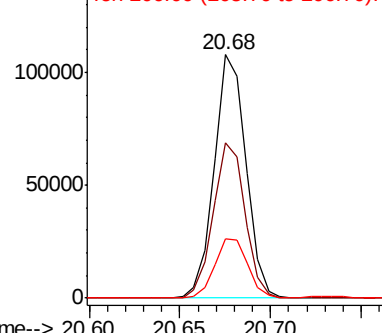
206 24.6 20.4 30.6

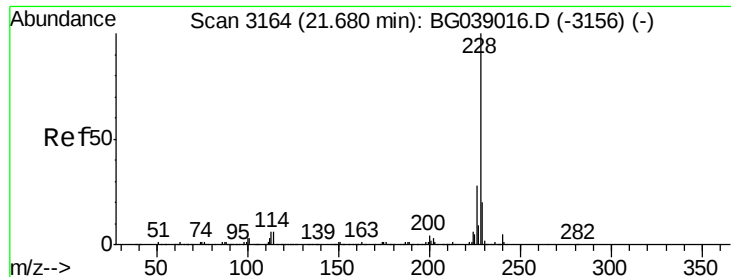


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

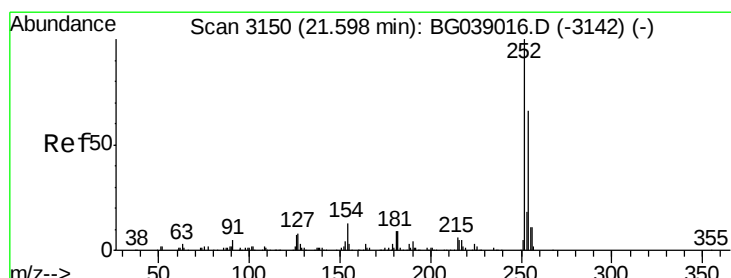
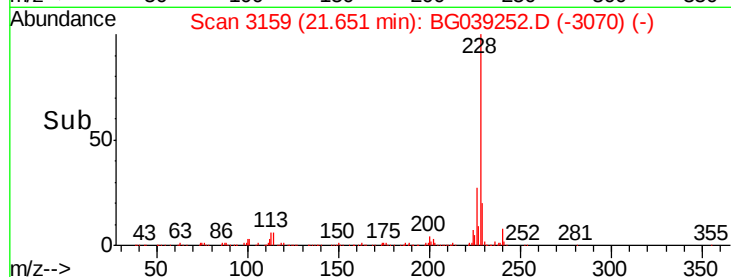
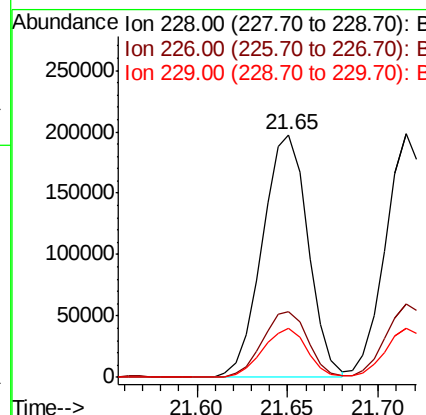
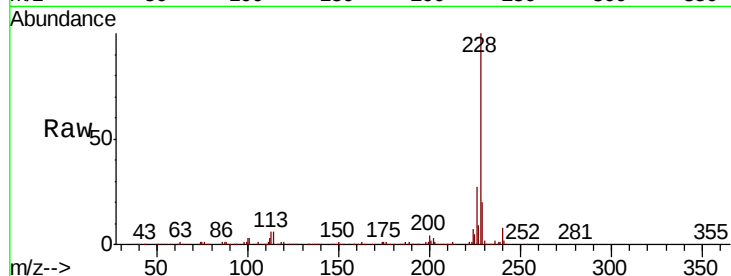




#81
Benzo(a)anthracene
Concen: 43.652 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

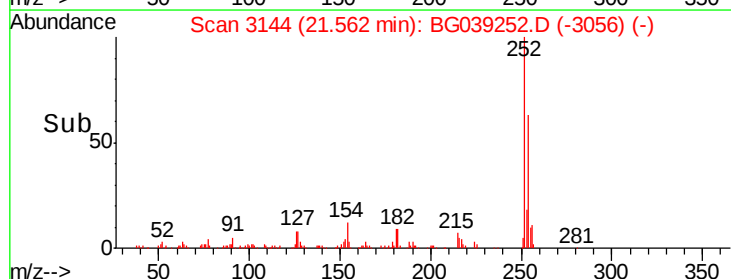
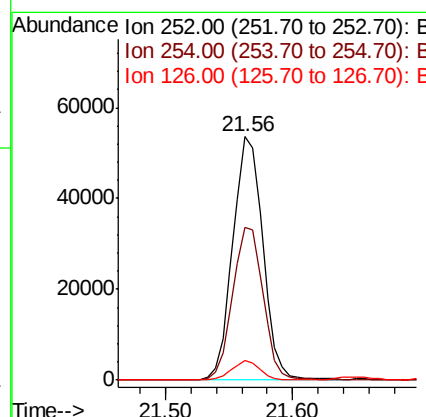
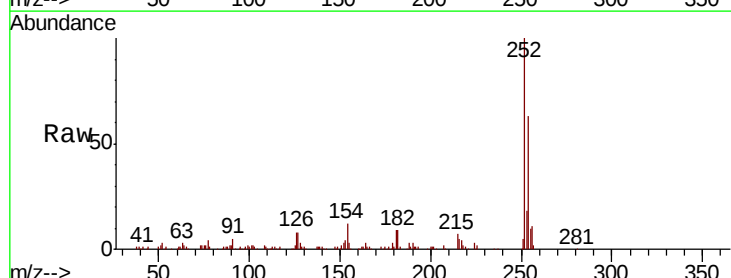
Instrument :
BNA_G
ClientSampleId :
PB116551BSD

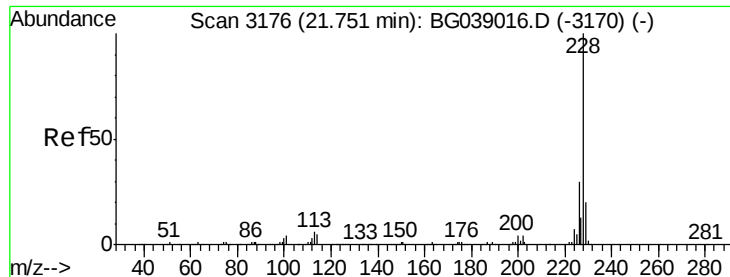
Tot Ion:228 Resp: 346197
Ion Ratio Lower Upper
228 100
226 27.3 22.4 33.6
229 20.3 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 27.203 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Tgt Ion:252 Resp: 87904
Ion Ratio Lower Upper
252 100
254 62.6 53.0 79.6
126 8.0 6.0 9.0

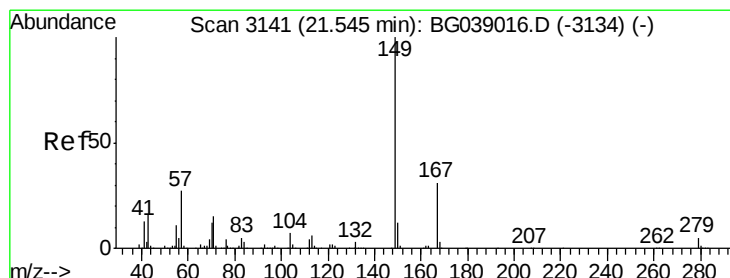
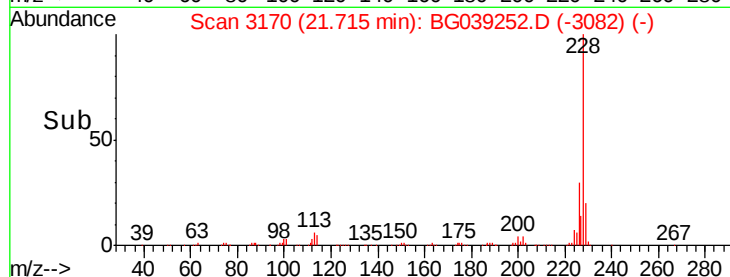
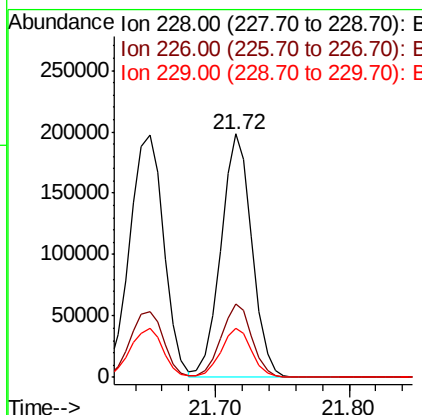
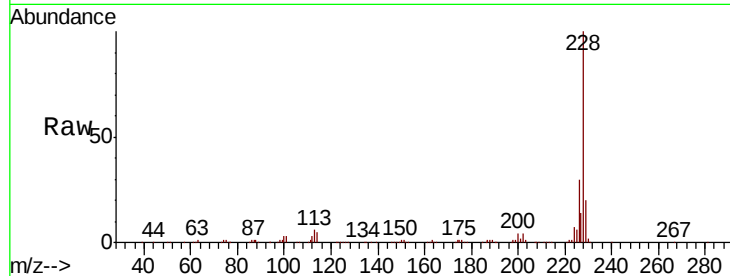




#83
 Chrysene
 Concen: 42.712 ng
 RT: 21.72 min Scan# 3170
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

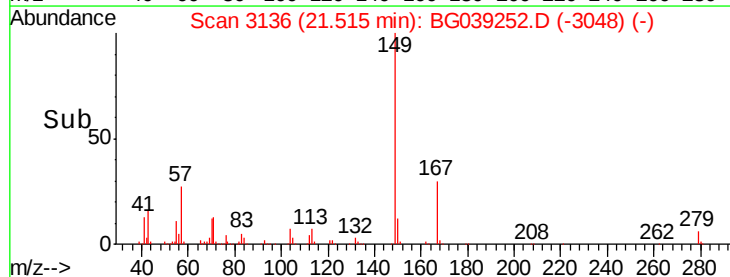
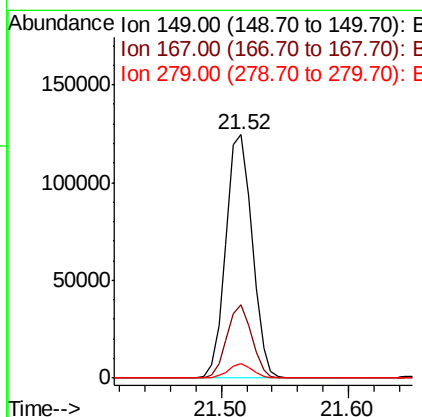
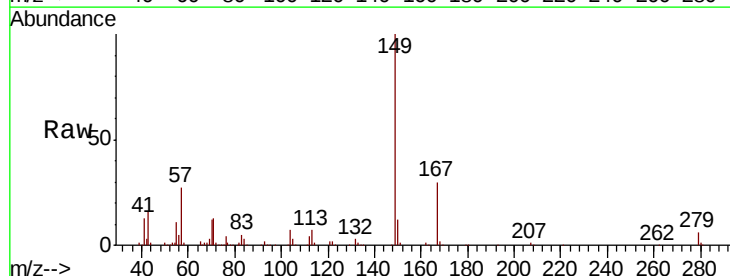
Instrument :
 BNA_G
 ClientSampleID :
 PB116551BSD

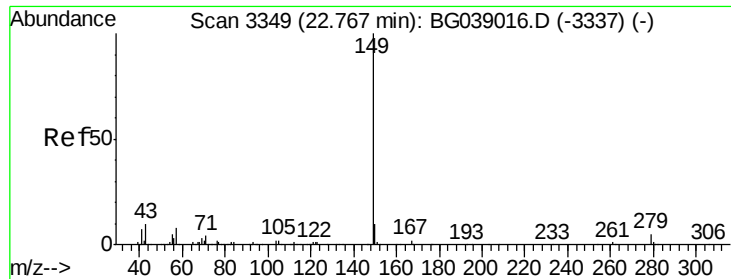
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	20.1	16.0	24.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.720 ng
 RT: 21.52 min Scan# 3136
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.9	25.0	37.4
279	6.1	4.3	6.5

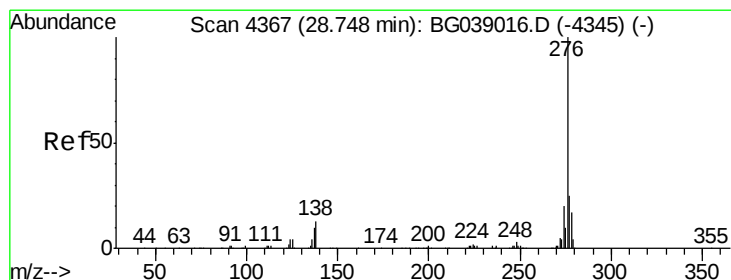
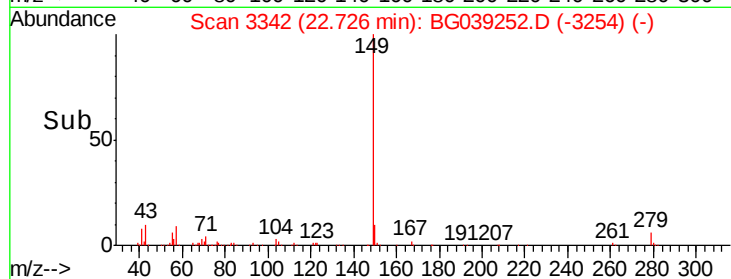
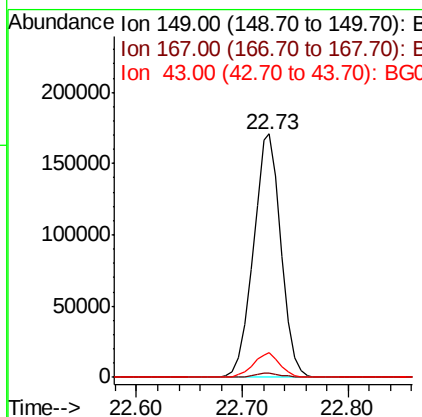
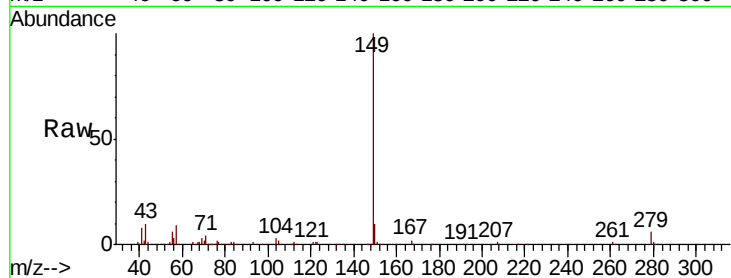




#85
Di-n-octyl phthalate
Concen: 41.693 ng
RT: 22.73 min Scan# 3342
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

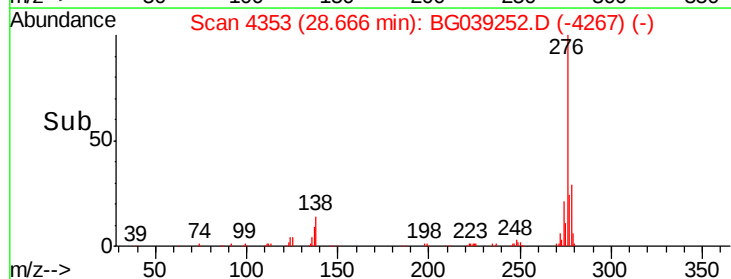
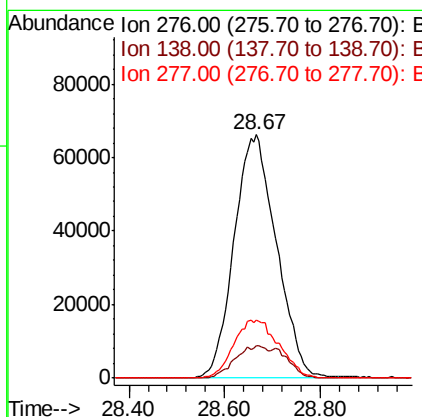
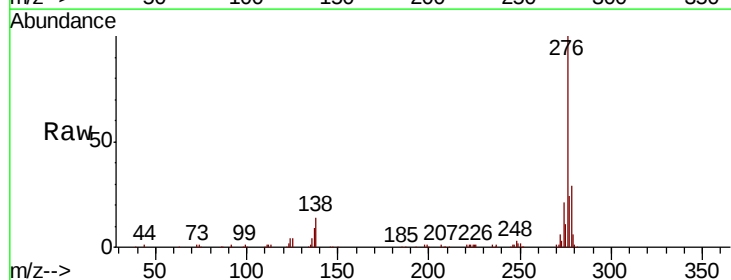
Instrument :
BNA_G
ClientSampleId :
PB116551BSD

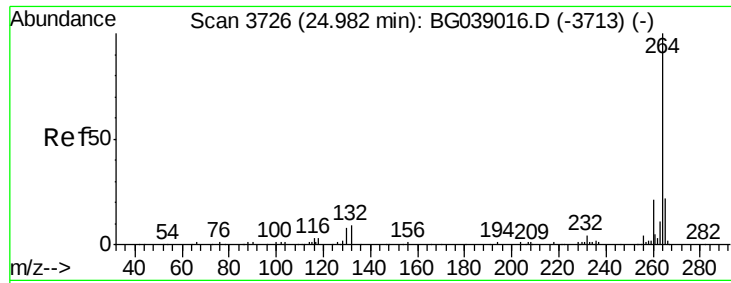
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	9.9	7.5	11.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.945 ng
RT: 28.67 min Scan# 4353
Delta R.T. -0.02 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.8	8.0	12.0
277	11.7	20.3	30.5#



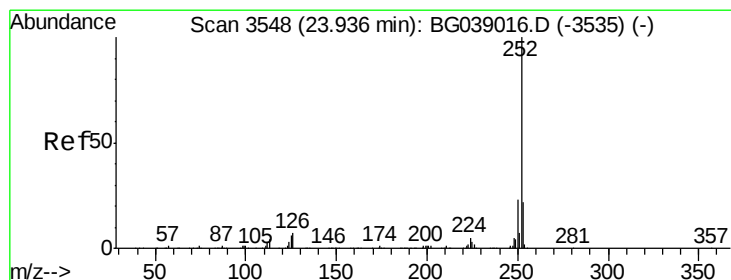
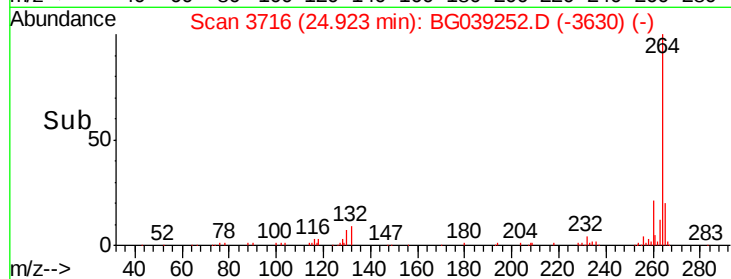
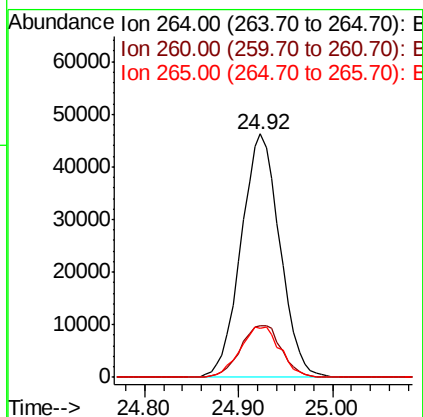
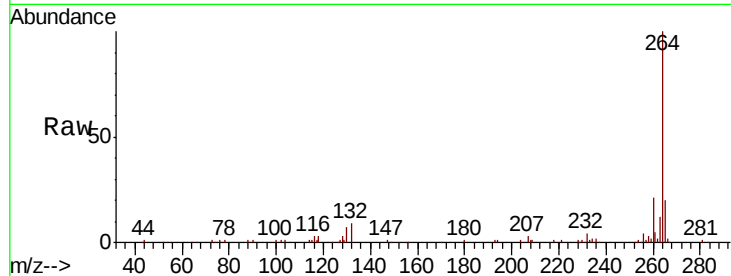


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.02 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Tot Ion:264 Resp: 131990

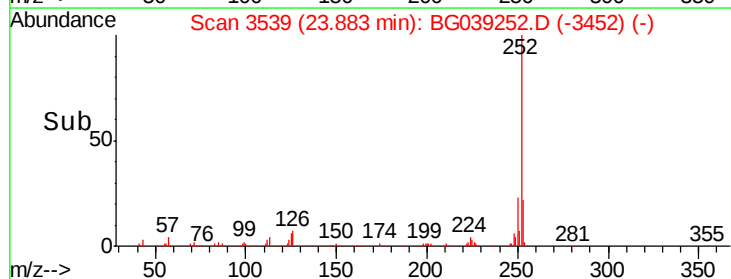
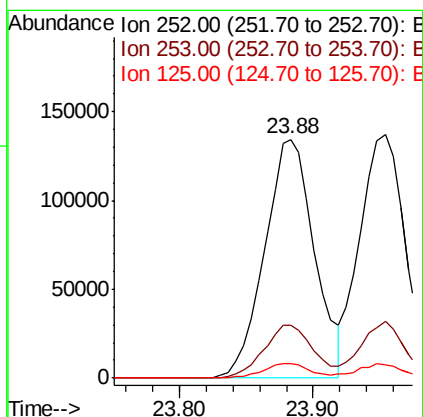
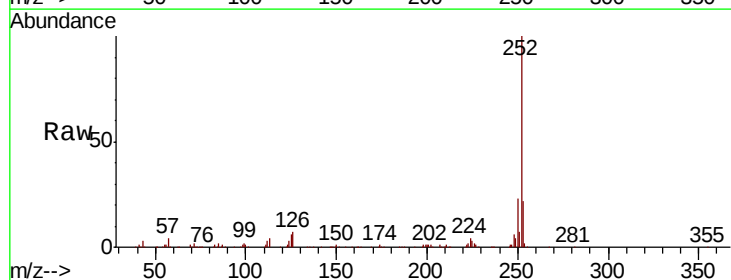
Ion	Ratio	Lower	Upper
264	100		
260	21.0	17.0	25.6
265	20.0	17.2	25.8



#88
Benzo(b)fluoranthene
Concen: 47.754 ng
RT: 23.88 min Scan# 3539
Delta R.T. -0.02 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Tgt Ion:252 Resp: 347549

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	6.0	4.9	7.3

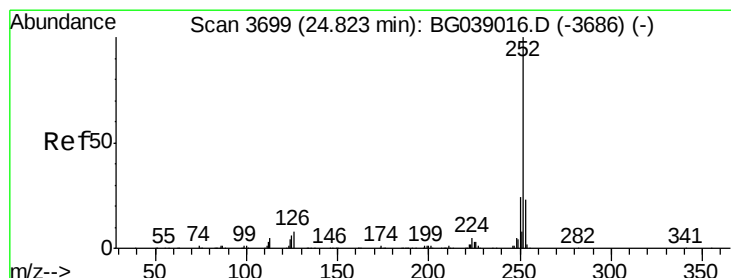
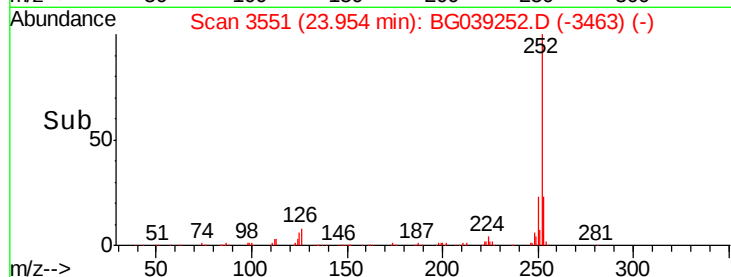
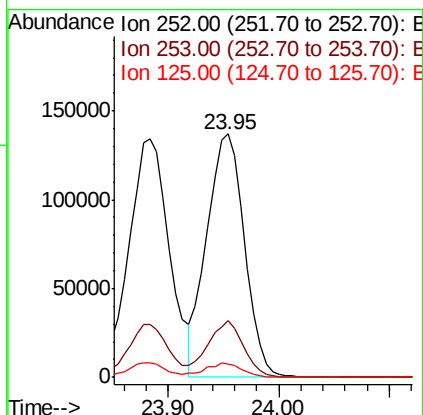
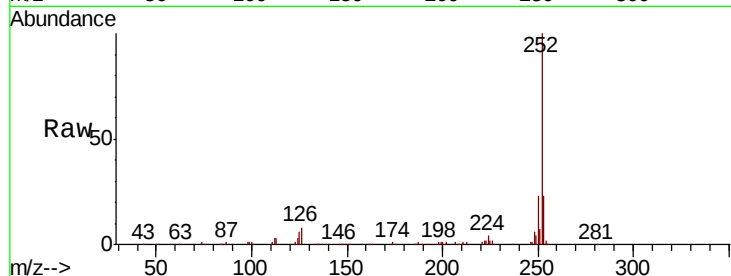




#89
Benzo(k)fluoranthene
Concen: 45.015 ng
RT: 23.95 min Scan# 3551
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

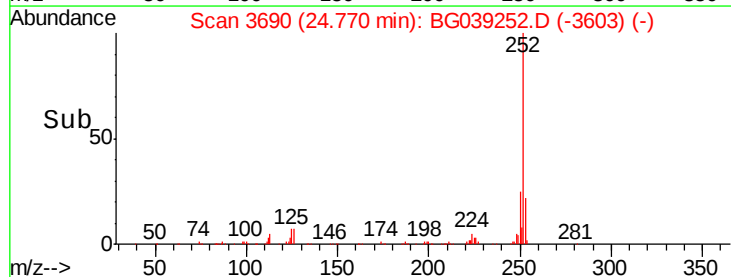
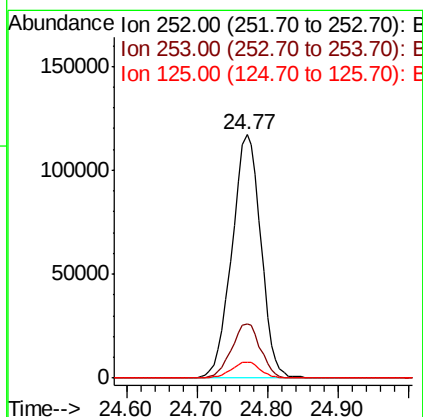
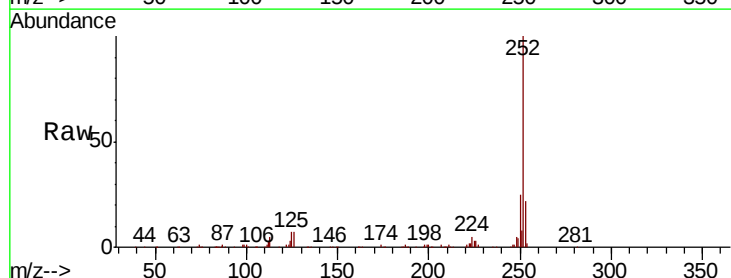
Instrument :
BNA_G
ClientSampleId :
PB116551BSD

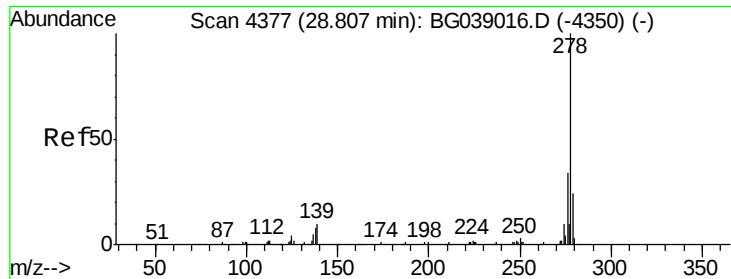
Tot Ion:252 Resp: 323924
Ion Ratio Lower Upper
252 100
253 23.4 17.1 25.7
125 5.6 4.6 7.0



#90
Benzo(a)pyrene
Concen: 47.364 ng
RT: 24.77 min Scan# 3690
Delta R.T. -0.02 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Tgt Ion:252 Resp: 333192
Ion Ratio Lower Upper
252 100
253 22.3 18.3 27.5
125 6.7 4.9 7.3



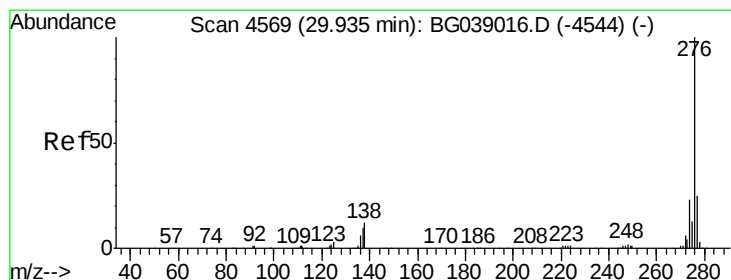
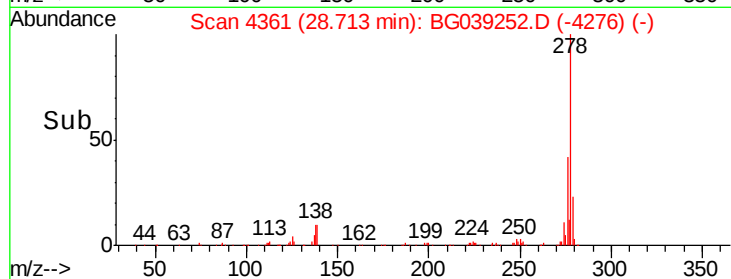
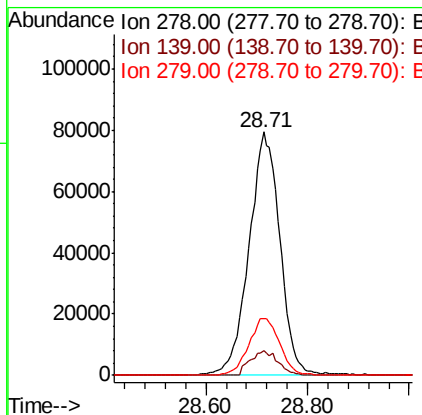
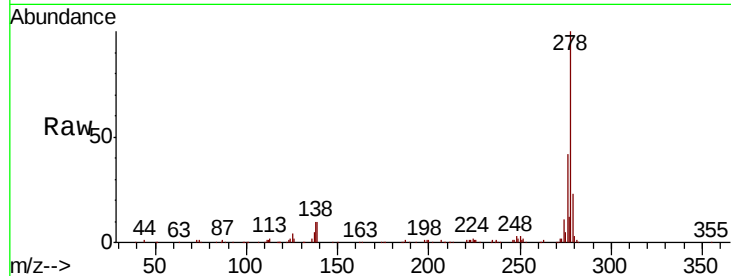


#91
Dibenzo(a,h)anthracene
Concen: 47.983 ng
RT: 28.71 min Scan# 4361
Delta R.T. -0.03 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Tot Ion:278 Resp: 335745

Ion	Ratio	Lower	Upper
278	100		
139	9.9	7.9	11.9
279	23.5	19.3	28.9



#92
Benzo(g,h,i)perylene
Concen: 47.125 ng
RT: 29.84 min Scan# 4553
Delta R.T. -0.03 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Tgt Ion:276 Resp: 326443

Ion	Ratio	Lower	Upper
276	100		
277	23.8	20.3	30.5
138	12.1	9.4	14.2

