

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
 Data File : BG038083.D
 Acq On : 20 Nov 2018 13:30
 Operator : JU/SJ
 Sample : PB114959BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114959BS

Quant Time: Nov 20 14:05:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	40423	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	174601	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	109559	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	253028	20.00	ng	0.00
76) Chrysene-d12	21.75	240	240944	20.00	ng	0.00
87) Perylene-d12	25.07	264	247673	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	306210	130.79	ng	0.00
7) Phenol-d6	7.24	99	422614	126.46	ng	0.00
23) Nitrobenzene-d5	9.26	82	195140	59.83	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	143776	115.07	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	451759	60.07	ng	0.00
79) Terphenyl-d14	20.07	244	740082	72.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	34937	31.593	ng	96
3) Pyridine	3.92	79	100715	31.927	ng	99
4) n-Nitrosodimethylamine	3.84	42	47880	41.836	ng	98
6) Aniline	7.41	93	128558	29.805	ng	98
8) 2-Chlorophenol	7.65	128	112416	41.381	ng	99
9) Benzaldehyde	7.22	77	61802	25.571	ng	97
10) Phenol	7.26	94	150477	42.509	ng	98
11) bis(2-Chloroethyl)ether	7.51	93	106842	36.970	ng	93
12) 1,3-Dichlorobenzene	7.97	146	113816	36.368	ng	98
13) 1,4-Dichlorobenzene	8.12	146	114775	36.305	ng	99
14) 1,2-Dichlorobenzene	8.44	146	112935	37.417	ng	96
15) Benzyl Alcohol	8.32	79	97350	40.257	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.61	45	201860	37.616	ng	96
17) 2-Methylphenol	8.52	107	98760	41.266	ng	97
18) Hexachloroethane	9.17	117	41792	36.323	ng	93
19) n-Nitroso-di-n-propylamine	8.89	70	85732	35.453	ng	98
20) 3+4-Methylphenols	8.85	107	134157	39.543	ng	97
22) Acetophenone	8.92	105	164604	37.891	ng	# 99
24) Nitrobenzene	9.30	77	127720	38.278	ng	97
25) Isophorone	9.82	82	237373	40.433	ng	99
26) 2-Nitrophenol	10.02	139	62020	37.233	ng	93
27) 2,4-Dimethylphenol	10.06	122	113834	45.357	ng	96
28) bis(2-Chloroethoxy)methane	10.30	93	145851	38.852	ng	97
29) 2,4-Dichlorophenol	10.54	162	114975	40.729	ng	98
30) 1,2,4-Trichlorobenzene	10.76	180	116533	36.838	ng	99
31) Naphthalene	10.96	128	346729	40.375	ng	99
32) Benzoic acid	10.19	122	56016	38.090	ng	97
33) 4-Chloroaniline	11.07	127	102729	25.716	ng	97
34) Hexachlorobutadiene	11.22	225	68900	35.390	ng	96
35) Caprolactam	11.85	113	40739	36.054	ng	# 91
36) 4-Chloro-3-methylphenol	12.17	107	124772	40.457	ng	97
37) 2-Methylnaphthalene	12.55	142	256852	41.638	ng	96
38) 1-Methylnaphthalene	12.77	142	242609	40.859	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	134048	36.615	ng	99

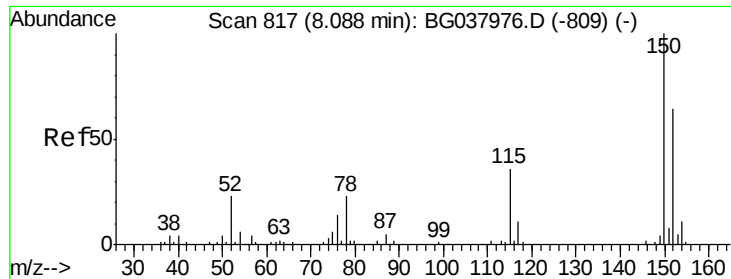
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	162571	82.929	nq	99
43) 2,4,6-Trichlorophenol	13.15	196	95353	38.222	nq	97
44) 2,4,5-Trichlorophenol	13.22	196	100098	38.134	nq	99
46) 1,1'-Biphenyl	13.56	154	326217	35.442	nq	100
47) 2-Chloronaphthalene	13.61	162	259838	36.995	nq	98
48) 2-Nitroaniline	13.81	65	86747	39.243	nq	93
49) Acenaphthylene	14.45	152	431269	40.832	nq	99
50) Dimethylphthalate	14.17	163	327847	37.746	nq	100
51) 2,6-Dinitrotoluene	14.30	165	75467	38.390	nq	97
52) Acenaphthene	14.79	154	248581	39.094	nq	99
53) 3-Nitroaniline	14.63	138	66727	30.762	nq	# 93
54) 2,4-Dinitrophenol	14.84	184	71072	68.500	nq	95
55) Dibenzofuran	15.12	168	399444	37.991	nq	99
56) 4-Nitrophenol	14.93	139	123459	73.796	nq	94
57) 2,4-Dinitrotoluene	15.09	165	107244	40.097	nq	# 96
58) Fluorene	15.77	166	316877	40.394	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	89737	40.856	nq	99
60) Diethylphthalate	15.53	149	340754	36.937	nq	99
61) 4-Chlorophenyl-phenylether	15.76	204	165590	36.074	nq	99
62) 4-Nitroaniline	15.80	138	85212	39.544	nq	99
63) Azobenzene	16.05	77	315601	38.262	nq	100
65) 4,6-Dinitro-2-methylphenol	15.84	198	55941	34.954	nq	98
66) n-Nitrosodiphenylamine	15.97	169	286536	37.432	nq	99
67) 4-Bromophenyl-phenylether	16.65	248	103058	37.109	nq	97
68) Hexachlorobenzene	16.76	284	107543	37.516	nq	98
69) Atrazine	16.91	200	107769	38.191	nq	98
70) Pentachlorophenol	17.11	266	116421	59.798	nq	89
71) Phenanthrene	17.51	178	534958	41.295	nq	99
72) Anthracene	17.61	178	542271	42.465	nq	100
73) Carbazole	17.88	167	493161	38.492	nq	99
74) Di-n-butylphthalate	18.41	149	583779	40.591	nq	99
75) Fluoranthene	19.52	202	629719	42.605	nq	100
77) Benzidine	19.70	184	298101	35.259	nq	99
78) Pyrene	19.88	202	636421	40.400	nq	98
80) Butylbenzylphthalate	20.75	149	271268	39.377	nq	99
81) Benzo(a)anthracene	21.73	228	600930	41.271	nq	99
82) 3,3'-Dichlorobenzidine	21.65	252	169081	29.811	nq	98
83) Chrysene	21.80	228	556604	39.954	nq	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	376420	38.314	nq	98
85) Di-n-octyl phthalate	22.84	149	650228	40.910	nq	99
86) Indeno(1,2,3-cd)pyrene	28.88	276	639356	41.322	nq	99
88) Benzo(b)fluoranthene	24.01	252	582506	42.738	nq	99
89) Benzo(k)fluoranthene	24.09	252	575282	42.775	nq	99
90) Benzo(a)pyrene	24.92	252	571793	43.898	nq	100
91) Dibenzo(a,h)anthracene	28.95	278	525030	41.892	nq	98
92) Benzo(g,h,i)perylene	30.09	276	514577	41.293	nq	98

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

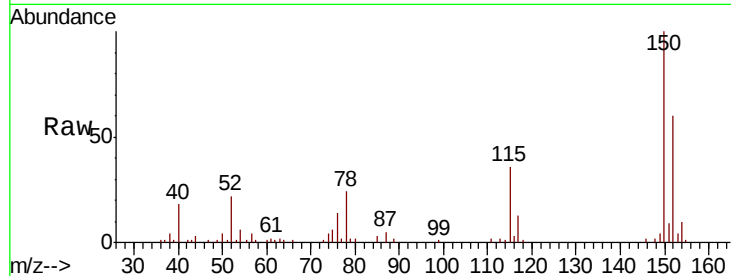


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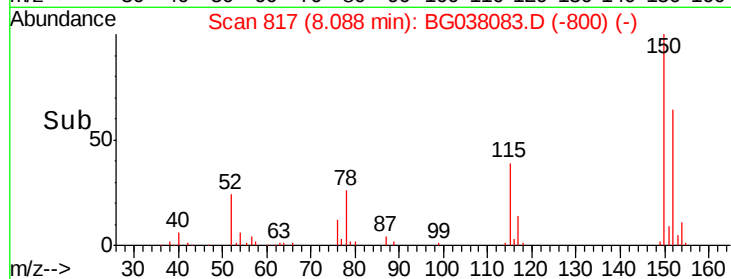
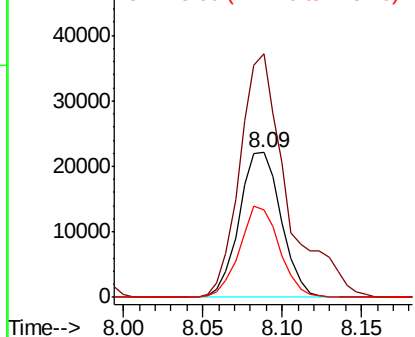
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

Instrument :
BNA_G
ClientSampleId :
PB114959BS

Tot Ion:152 Resp: 40423
Ion Ratio Lower Upper
152 100
150 168.0 126.0 189.0
115 60.8 45.5 68.3



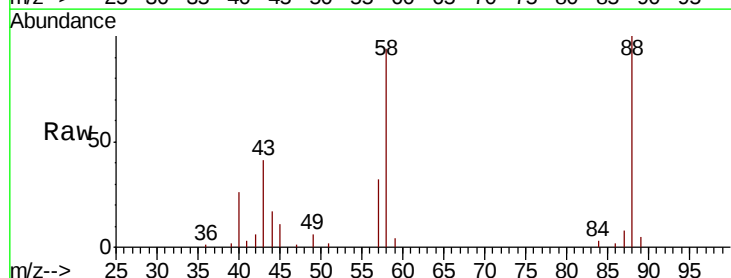
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



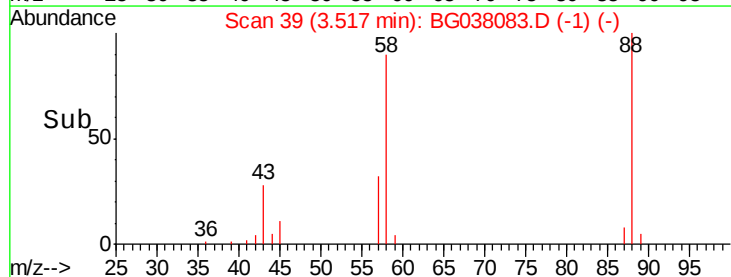
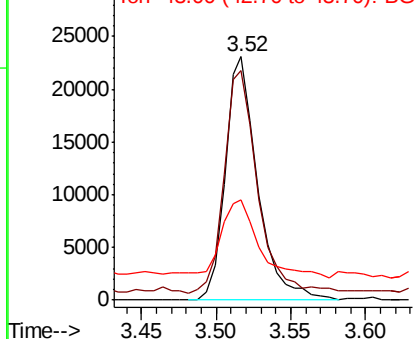
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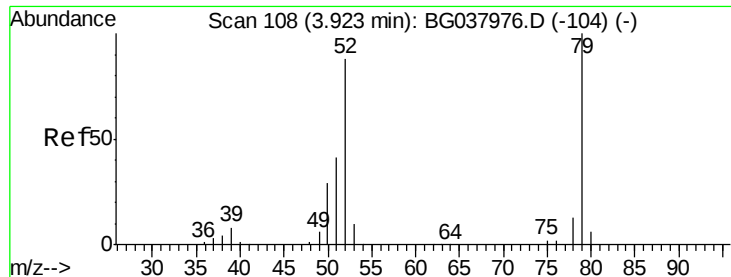
1,4-Dioxane
Concen: 31.593 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

Tgt Ion: 88 Resp: 34937
Ion Ratio Lower Upper
88 100
58 95.6 74.4 111.6
43 36.4 25.8 38.8



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: 31.927 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Instrument :

BNA_G

ClientSampleId :

PB114959BS

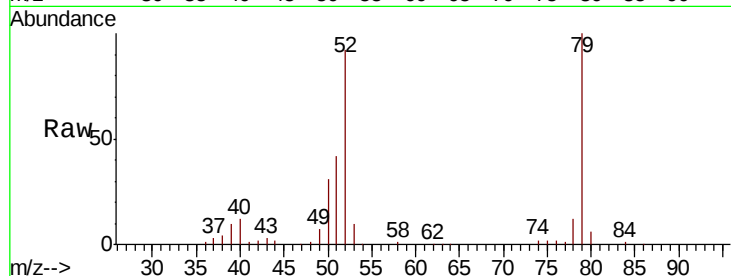
Tot Ion: 79 Resp: 100715

Ion Ratio Lower Upper

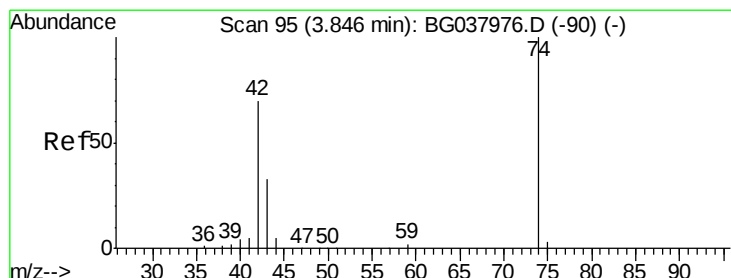
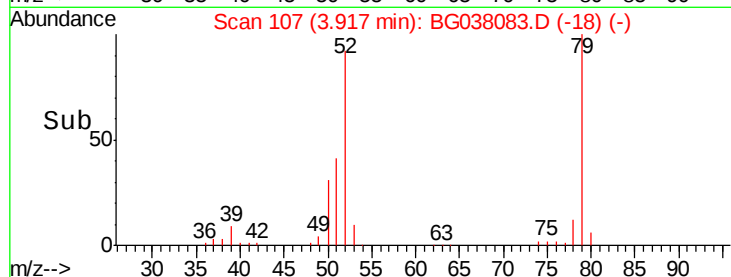
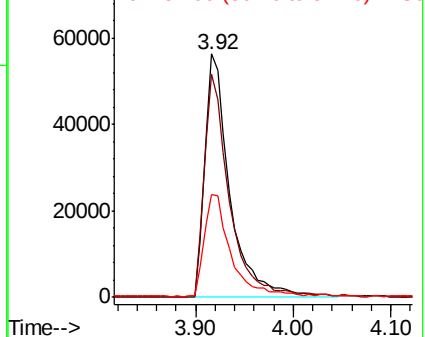
79 100

52 91.8 74.2 111.2

51 42.2 34.6 51.8



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



#4

n-Nitrosodimethylamine

Concen: 41.836 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.01 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

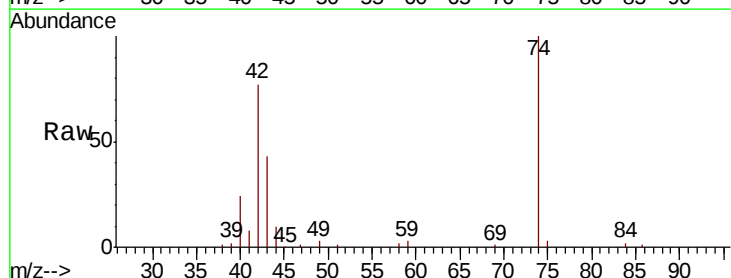
Tgt Ion: 42 Resp: 47880

Ion Ratio Lower Upper

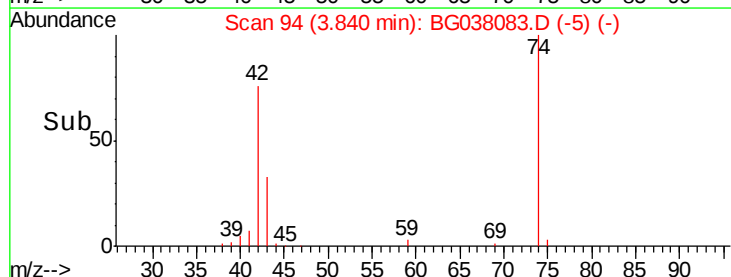
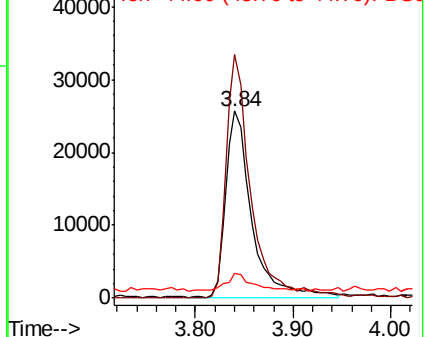
42 100

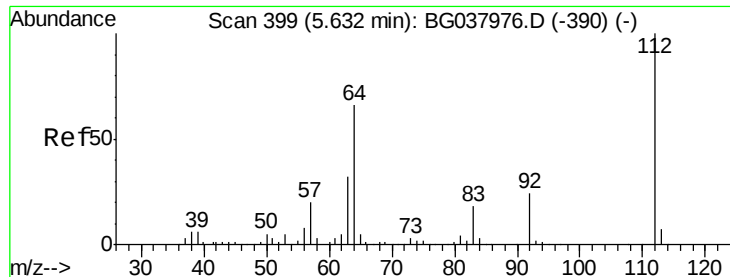
74 130.4 102.0 153.0

44 12.9 9.6 14.4



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: 130.790 ng

RT: 5.63 min Scan# 399

Delta R.T. 0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Instrument :

BNA_G

ClientSampleId :

PB114959BS

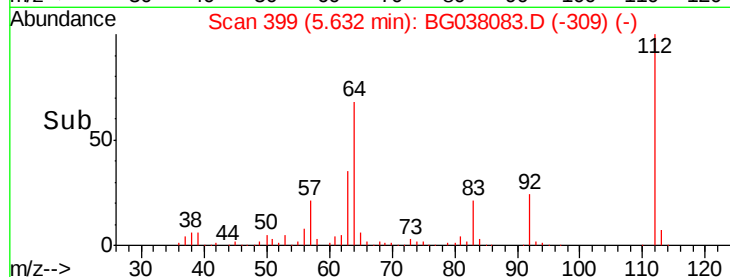
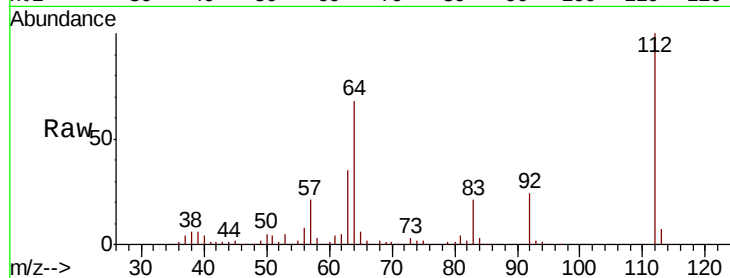
Tot Ion:112 Resp: 306210

Ion Ratio Lower Upper

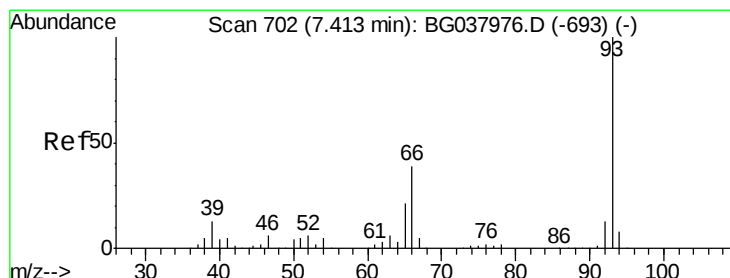
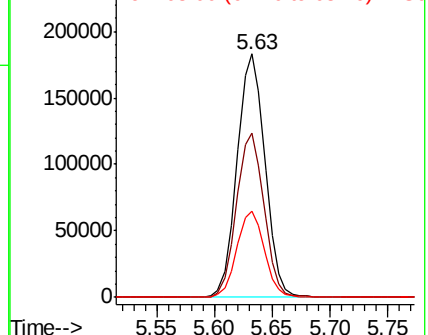
112 100

64 67.7 53.1 79.7

63 35.2 27.3 40.9



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



#6

Aniline

Concen: 29.805 ng

RT: 7.41 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

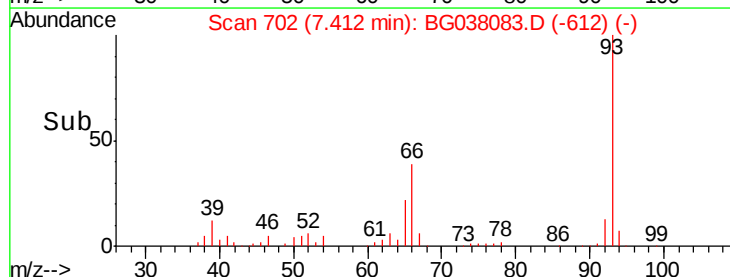
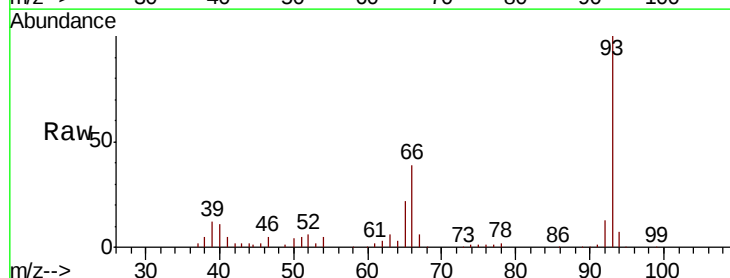
Tgt Ion: 93 Resp: 128558

Ion Ratio Lower Upper

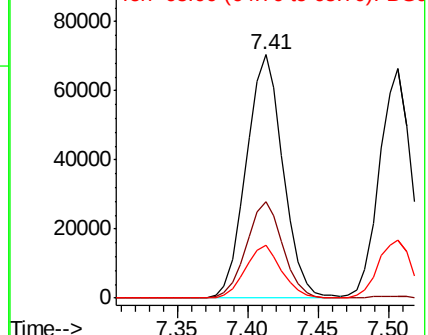
93 100

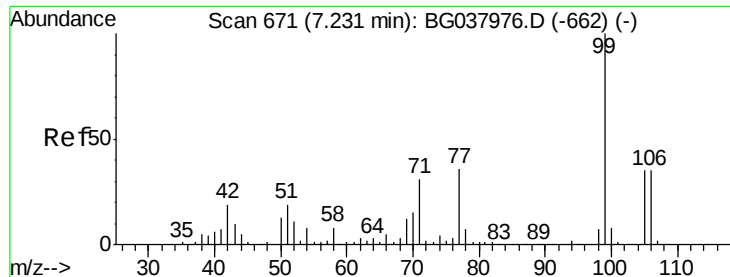
66 39.5 32.8 49.2

65 21.6 16.4 24.6



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





#7

Phenol-d6

Concen: 126.456 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Instrument :

BNA_G

ClientSampleId :

PB114959BS

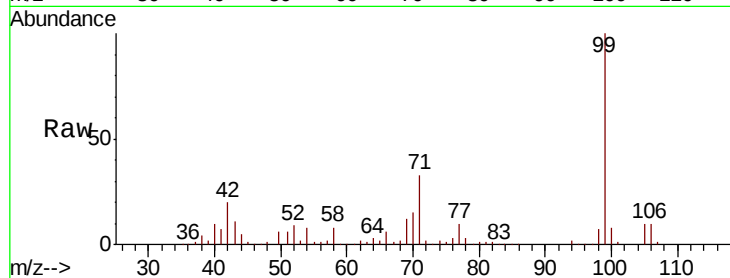
Tot Ion: 99 Resp: 422614

Ion Ratio Lower Upper

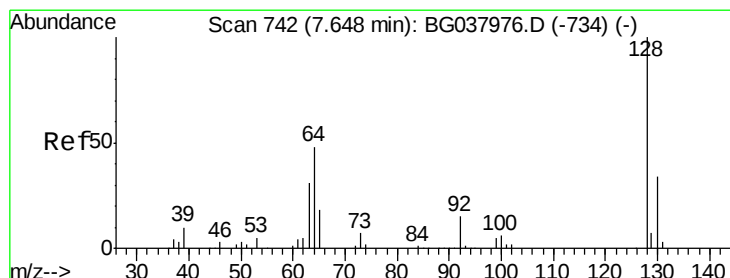
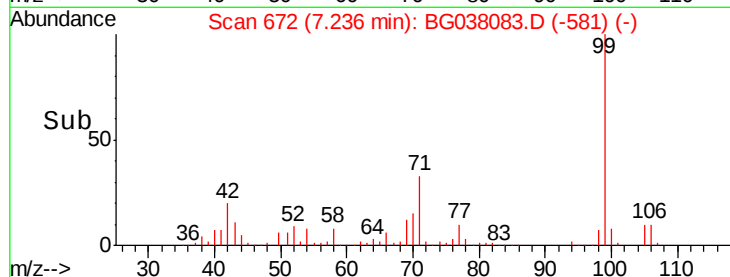
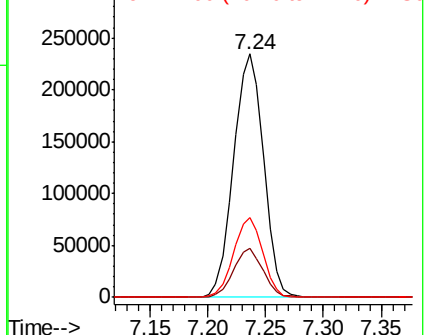
99 100

42 20.0 15.0 22.4

71 32.7 25.5 38.3



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: 41.381 ng

RT: 7.65 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

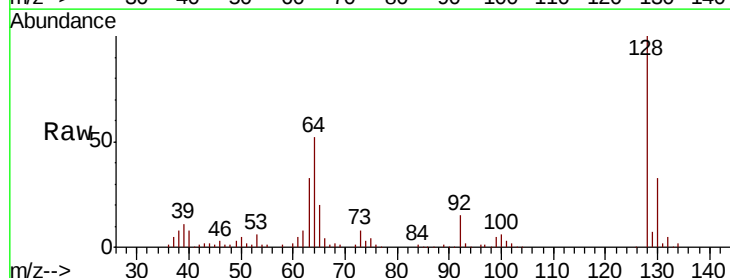
Tgt Ion: 128 Resp: 112416

Ion Ratio Lower Upper

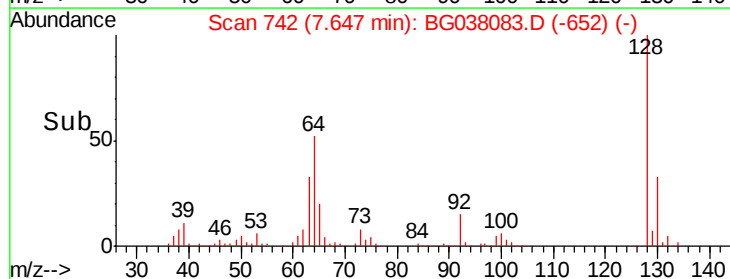
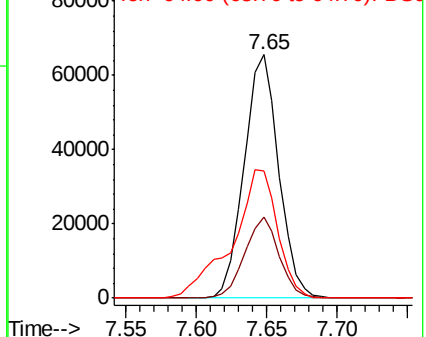
128 100

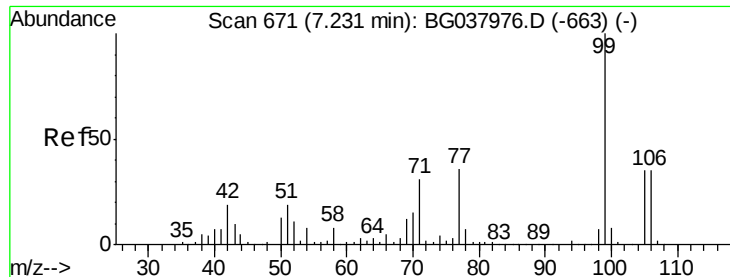
130 33.3 12.0 52.0

64 52.4 32.9 72.9



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: 25.571 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Instrument :

BNA_G

ClientSampleID :

PB114959BS

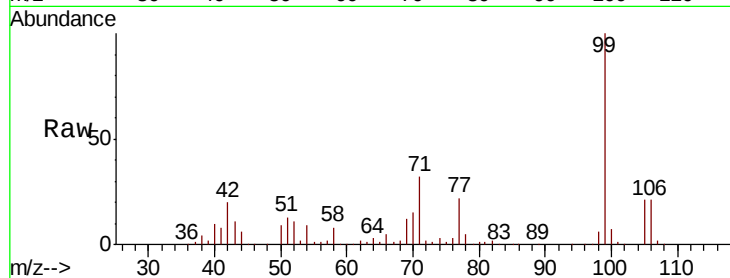
Tot Ion: 77 Resp: 61802

Ion Ratio Lower Upper

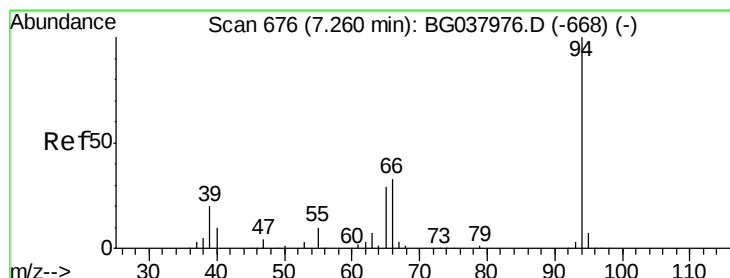
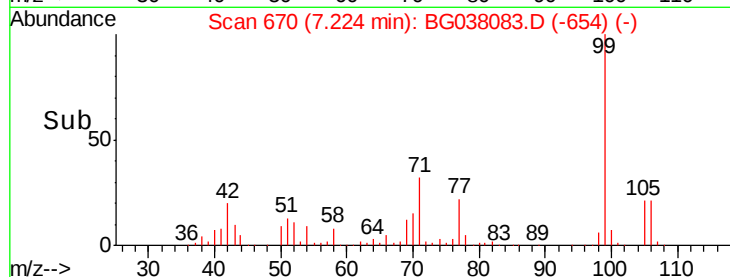
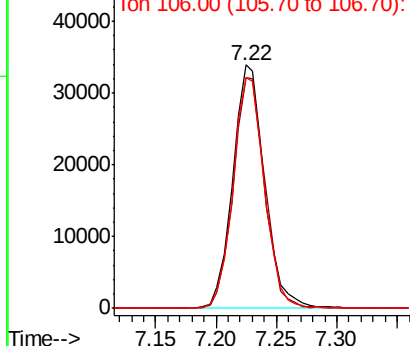
77 100

105 94.9 72.6 112.6

106 95.0 71.3 111.3



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: 42.509 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

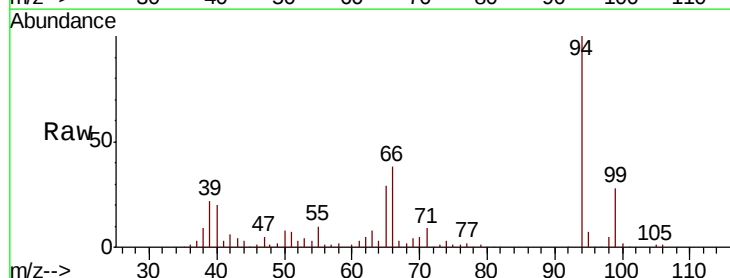
Tgt Ion: 94 Resp: 150477

Ion Ratio Lower Upper

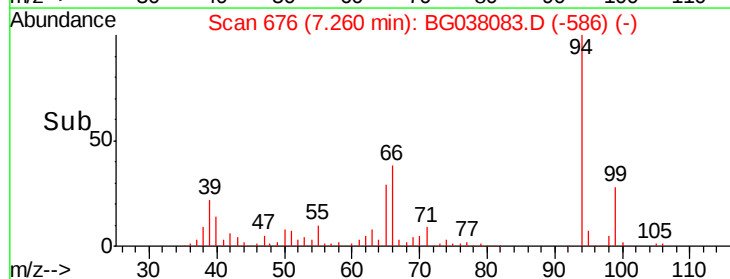
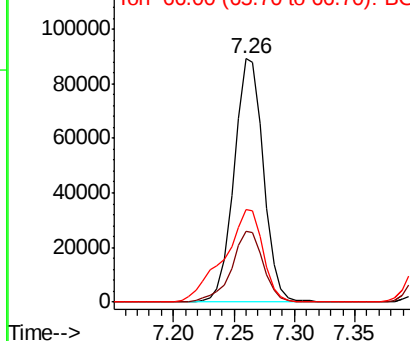
94 100

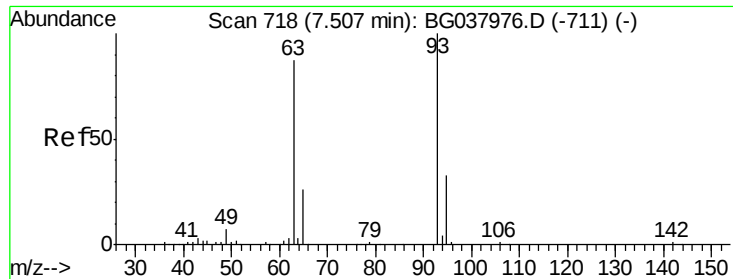
65 29.2 9.7 49.7

66 37.9 15.9 55.9



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

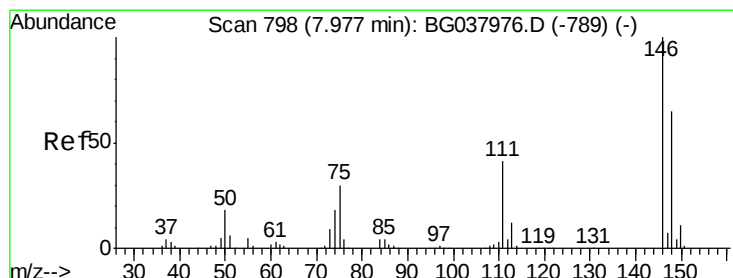
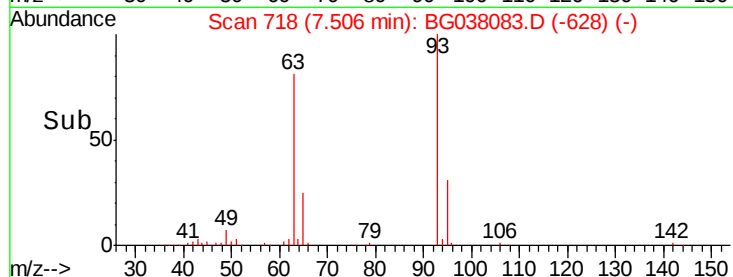
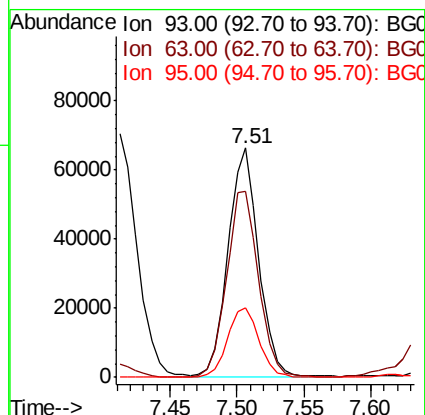
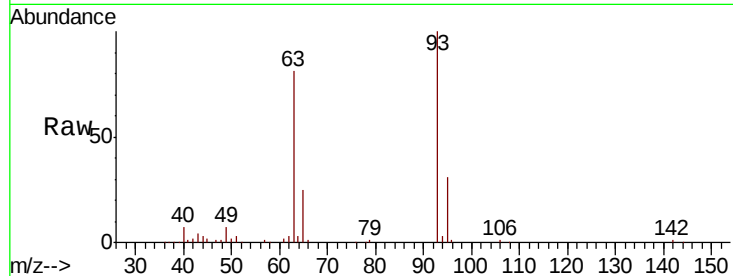




#11
bis(2-Chloroethyl)ether
Concen: 36.970 ng
RT: 7.51 min Scan# 718
Delta R.T. -0.00 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

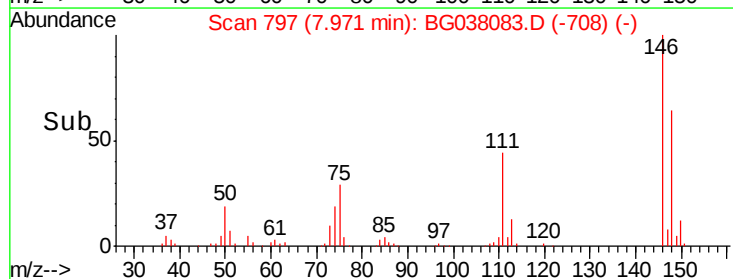
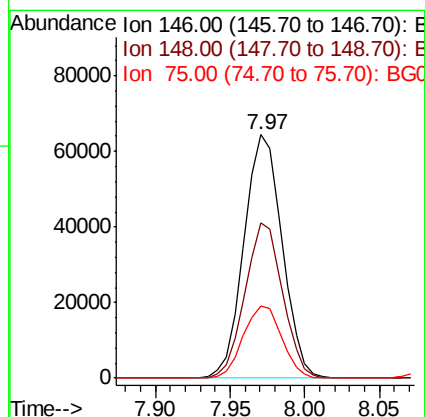
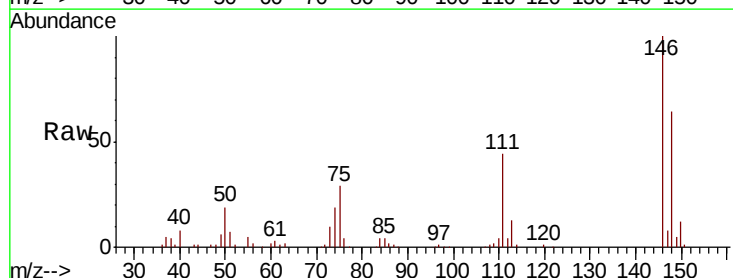
Instrument :
BNA_G
ClientSampleId :
PB114959BS

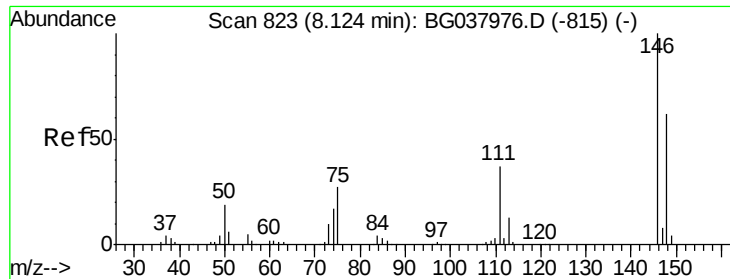
Tot Ion: 93 Resp: 106842
Ion Ratio Lower Upper
93 100
63 81.2 69.5 109.5
95 30.5 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 36.368 ng
RT: 7.97 min Scan# 797
Delta R.T. -0.01 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

Tgt Ion: 146 Resp: 113816
Ion Ratio Lower Upper
146 100
148 63.8 49.8 74.8
75 29.4 23.2 34.8

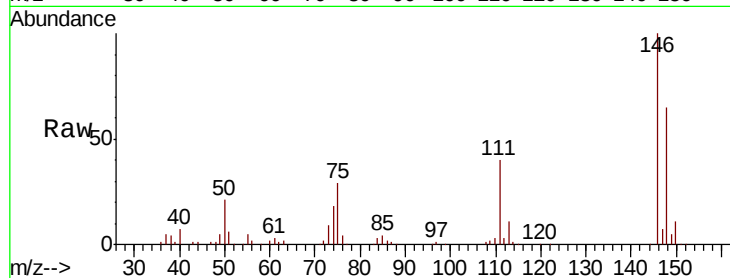




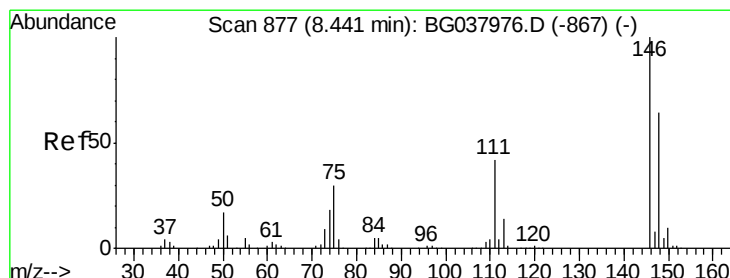
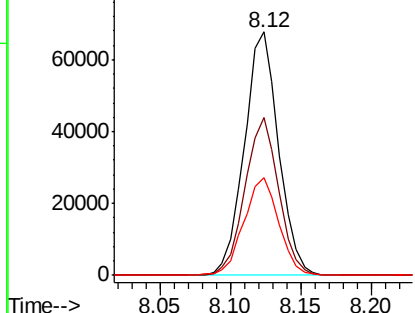
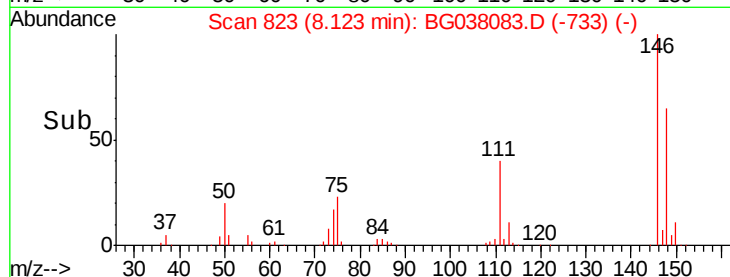
#13
 1,4-Dichlorobenzene
 Concen: 36.305 ng
 RT: 8.12 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BG038083.D
 Acq: 20 Nov 2018 13:30

Instrument :
 BNA_G
 ClientSampleId :
 PB114959BS

Tot Ion:146 Resp: 114775
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.0 76.6
 111 39.9 32.4 48.6

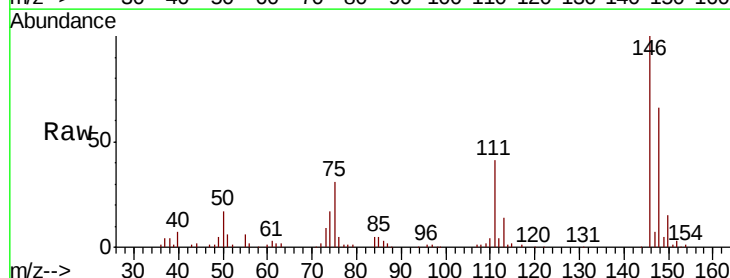


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

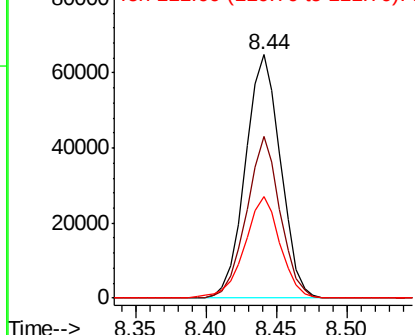
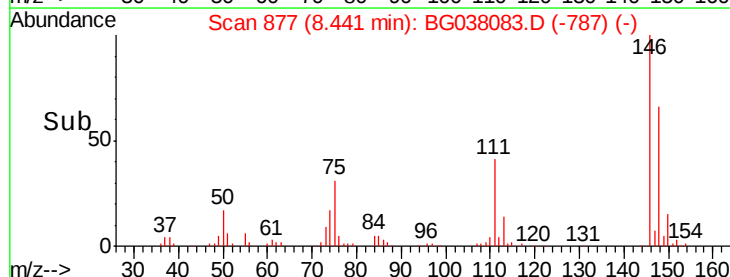


#14
 1,2-Dichlorobenzene
 Concen: 37.417 ng
 RT: 8.44 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BG038083.D
 Acq: 20 Nov 2018 13:30

Tgt Ion:146 Resp: 112935
 Ion Ratio Lower Upper
 146 100
 148 66.3 50.4 75.6
 111 41.5 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: 40.257 ng

RT: 8.32 min Scan# 857

Delta R.T. -0.01 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Instrument :

BNA_G

ClientSampleId :

PB114959BS

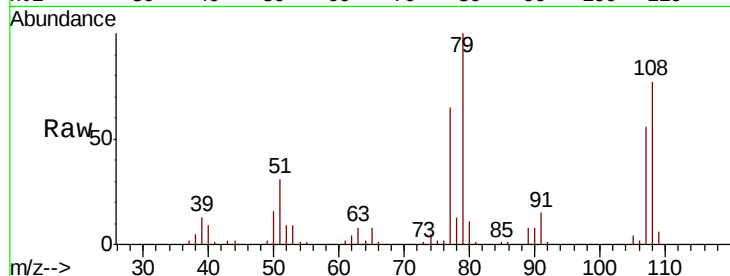
Tot Ion: 79 Resp: 97350

Ion Ratio Lower Upper

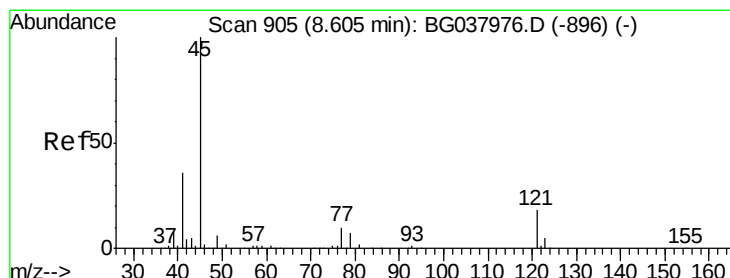
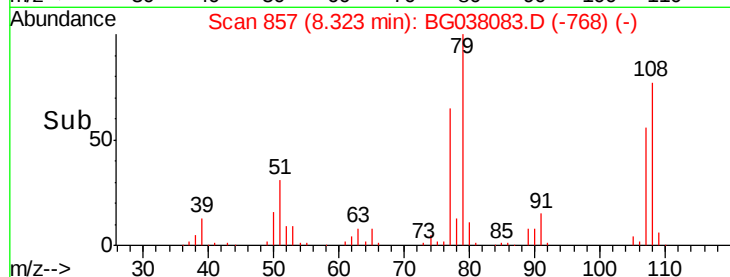
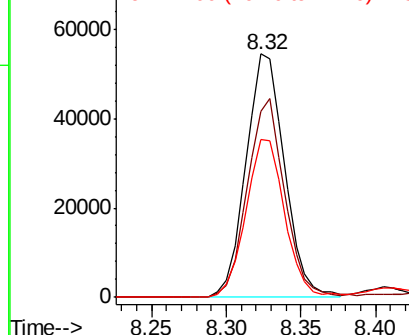
79 100

108 76.6 65.8 98.8

77 65.1 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.616 ng

RT: 8.61 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

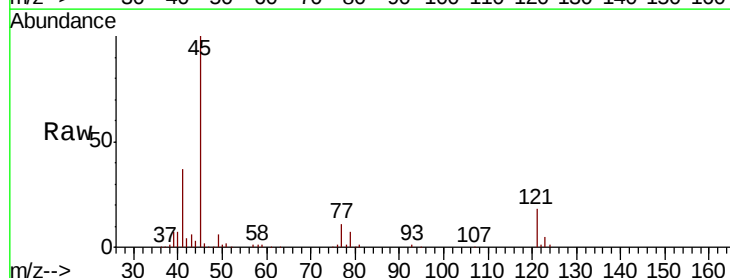
Tgt Ion: 45 Resp: 201860

Ion Ratio Lower Upper

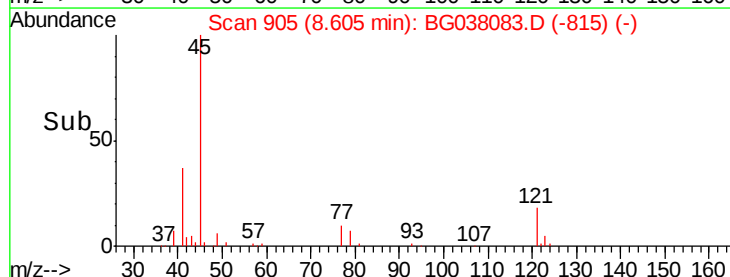
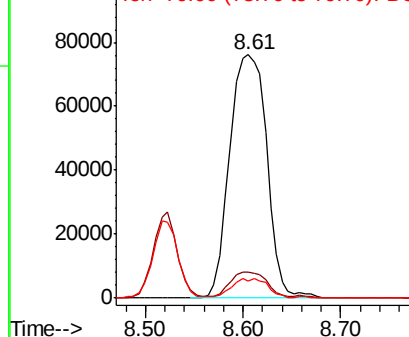
45 100

77 10.8 0.0 30.0

79 7.1 0.0 29.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

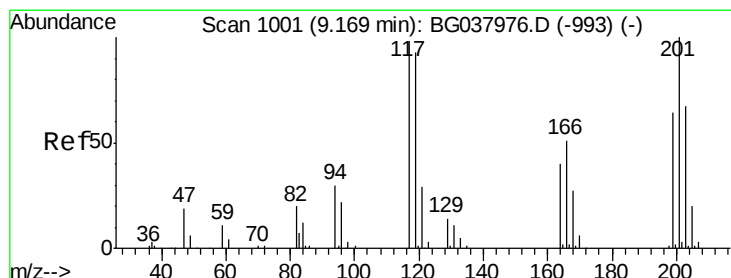
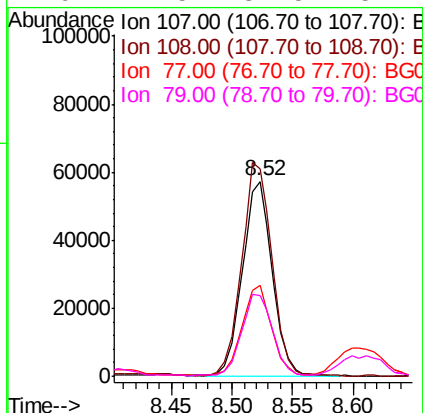
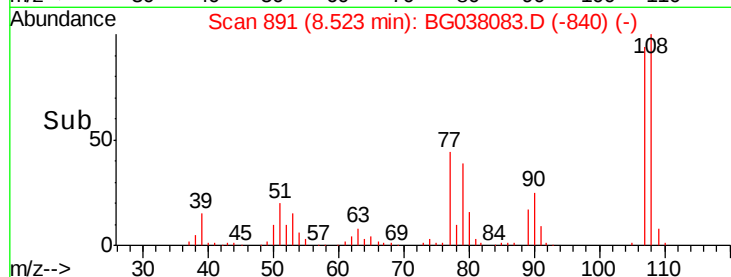
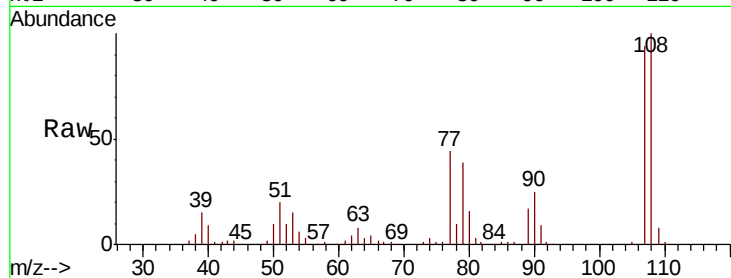




#17
2-Methylphenol
Concen: 41.266 ng
RT: 8.52 min Scan# 891
Delta R.T. -0.00 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

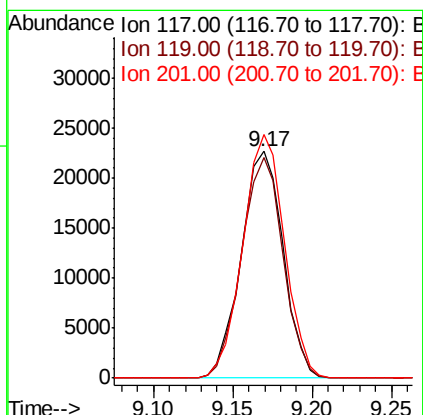
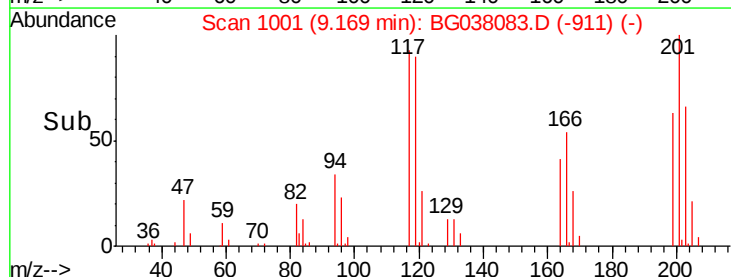
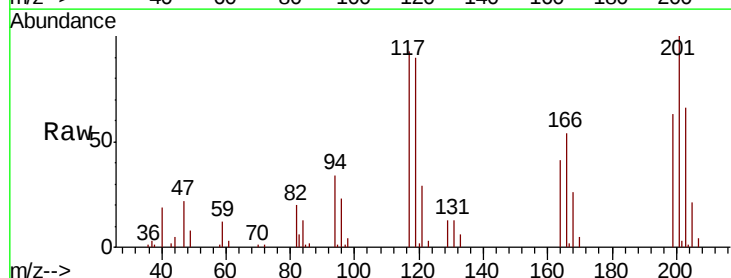
Instrument :
BNA_G
ClientSampleId :
PB114959BS

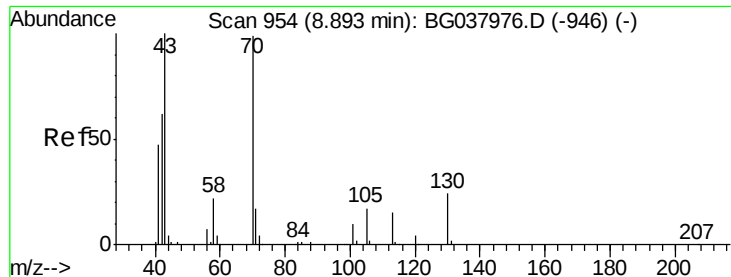
Tot Ion:107 Resp: 98760
Ion Ratio Lower Upper
107 100
108 106.6 87.9 131.9
77 46.9 35.1 52.7
79 41.5 34.5 51.7



#18
Hexachloroethane
Concen: 36.323 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

Tgt Ion:117 Resp: 41792
Ion Ratio Lower Upper
117 100
119 97.1 74.6 111.8
201 110.5 80.8 121.2

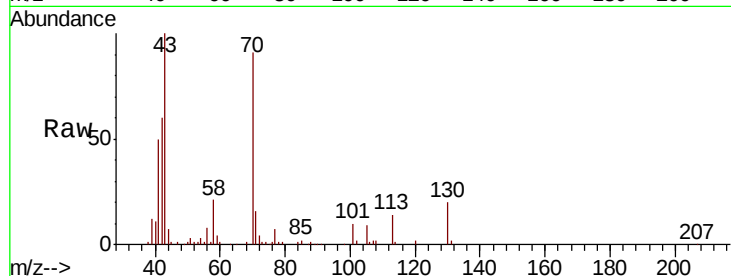




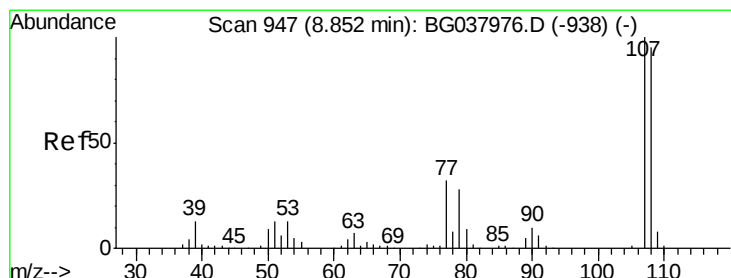
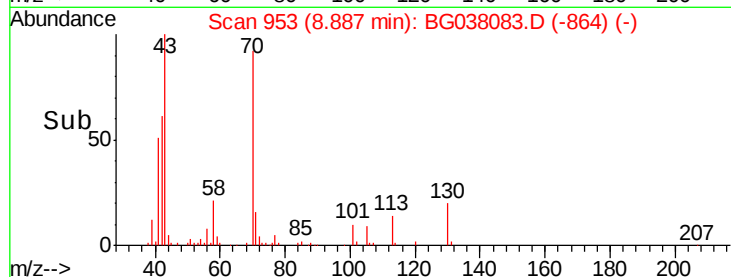
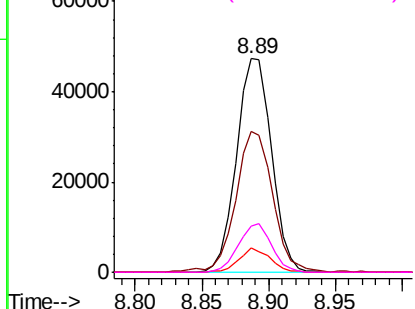
#19
n-Nitroso-di-n-propylamine
Concen: 35.453 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

Instrument :
BNA_G
ClientSampleId :
PB114959BS

Tot Ion:	70	Resp:	85732
Ion	Ratio	Lower	Upper
70	100		
42	65.9	53.9	80.9
101	11.2	8.2	12.2
130	21.7	18.2	27.4

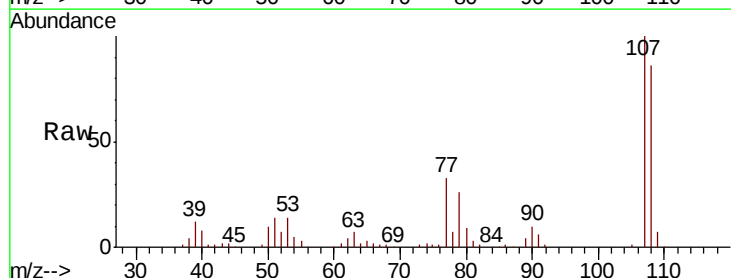


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

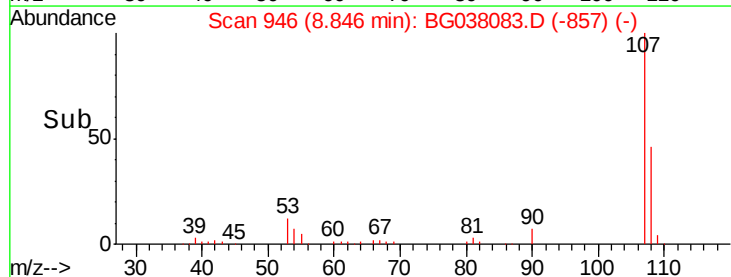
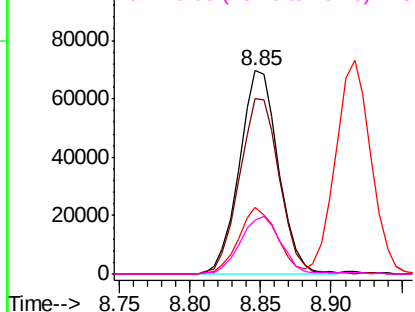


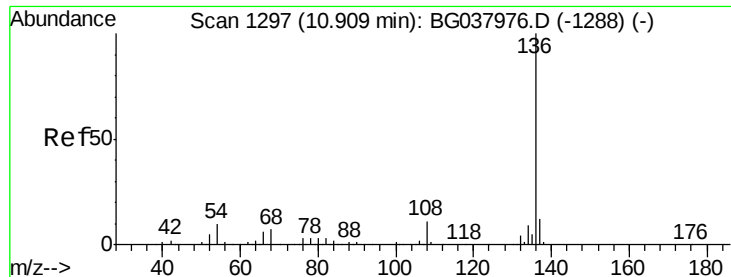
#20
3+4-Methylphenols
Concen: 39.543 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.01 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

Tgt Ion:	107	Resp:	134157
Ion	Ratio	Lower	Upper
107	100		
108	86.0	69.9	109.9
77	32.8	11.2	51.2
79	26.3	6.6	46.6



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: 10.91 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Instrument :

BNA_G

ClientSampleId :

PB114959BS

Tot Ion:136 Resp: 174601

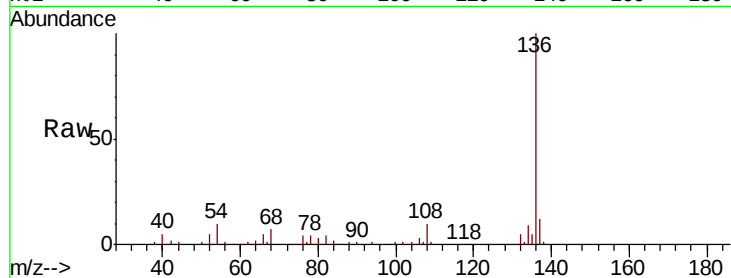
Ion Ratio Lower Upper

136 100

137 12.1 9.6 14.4

54 10.4 7.9 11.9

68 6.9 4.8 7.2



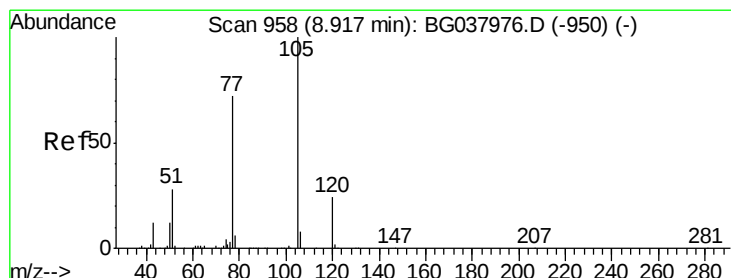
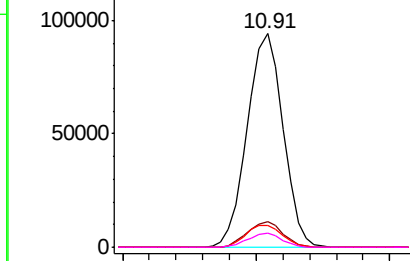
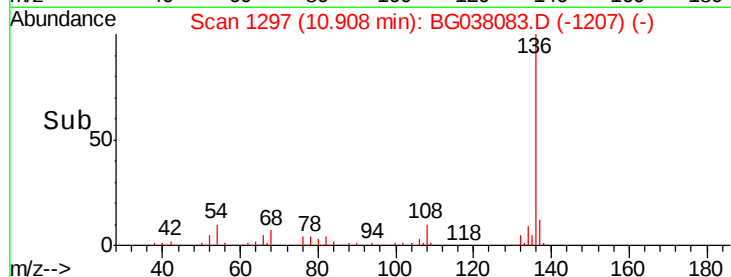
Abundance

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: 37.891 ng

RT: 8.92 min Scan# 958

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Tgt Ion:105 Resp: 164604

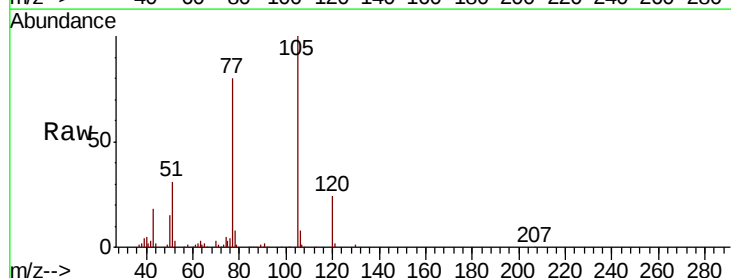
Ion Ratio Lower Upper

105 100

71 0.7 1.2 1.8#

51 30.8 25.0 37.6

120 23.7 18.6 28.0



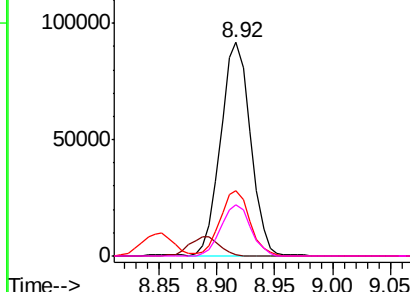
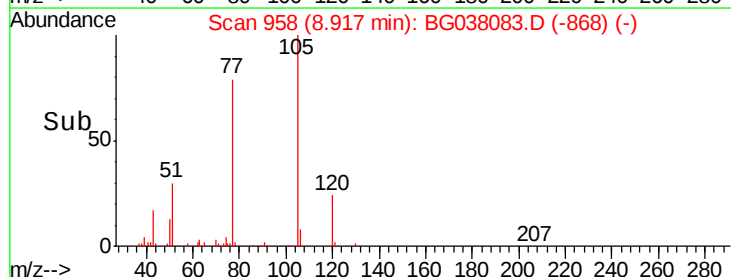
Abundance

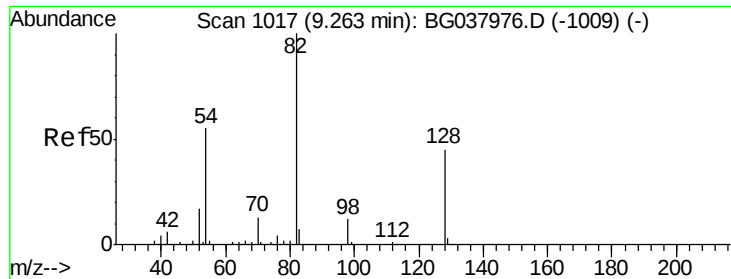
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

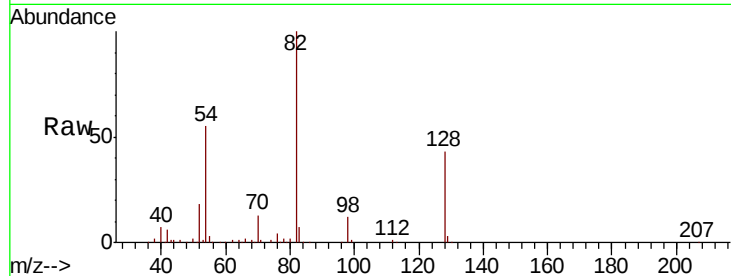




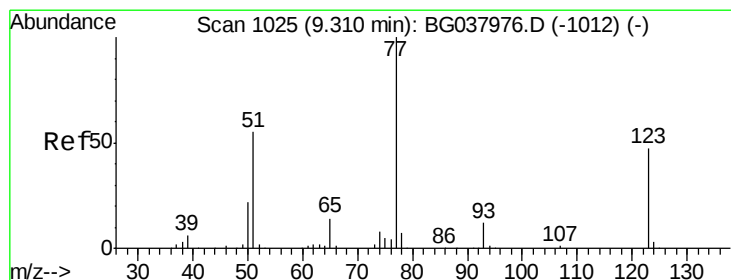
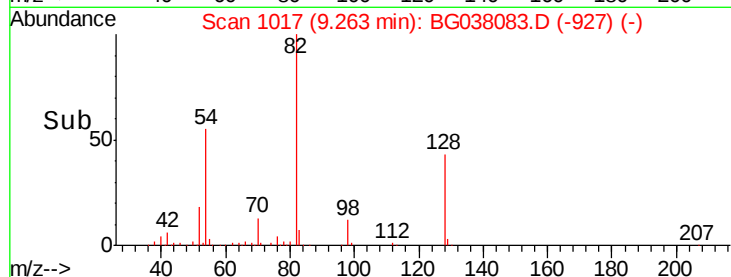
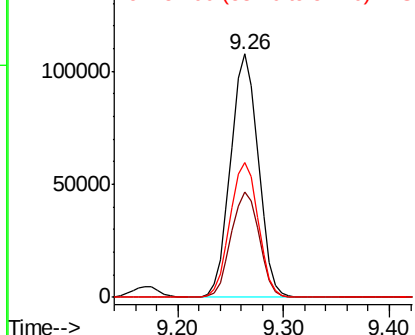
#23
Nitrobenzene-d5
Concen: 59.827 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

Instrument :
BNA_G
ClientSampleId :
PB114959BS

Tot Ion	82	Resp	195140
Ion Ratio	Lower	Upper	
82	100		
128	43.3	34.6	51.8
54	55.4	45.3	67.9

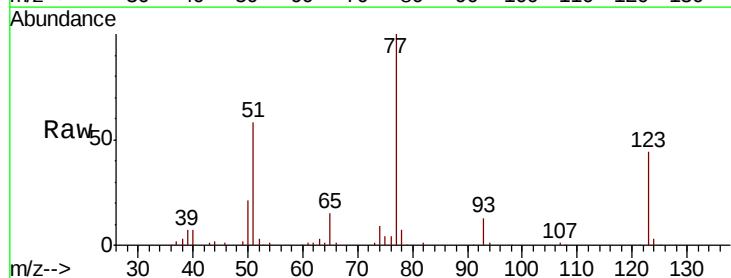


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

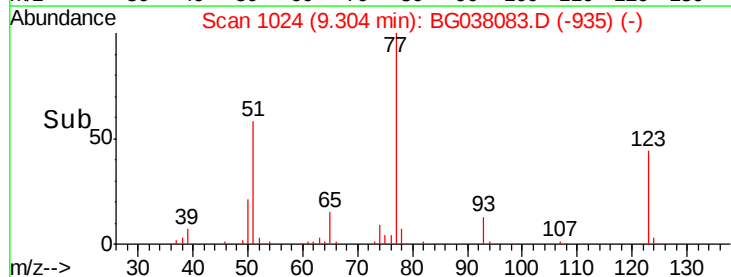
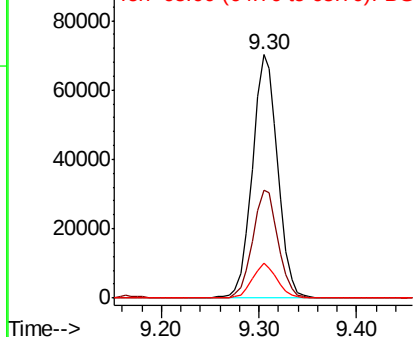


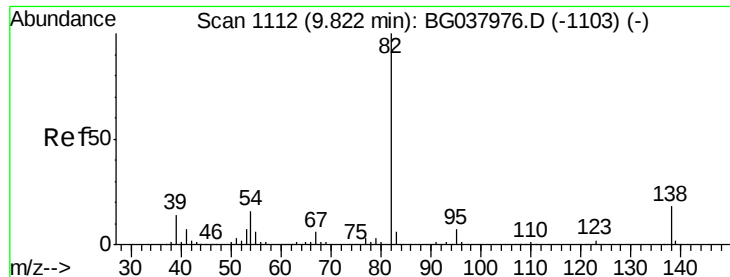
#24
Nitrobenzene
Concen: 38.278 ng
RT: 9.30 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

Tgt Ion	77	Resp	127720
Ion Ratio	Lower	Upper	
77	100		
123	44.1	33.6	50.4
65	14.5	11.3	16.9



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: 40.433 ng

RT: 9.82 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Instrument :

BNA_G

ClientSampleId :

PB114959BS

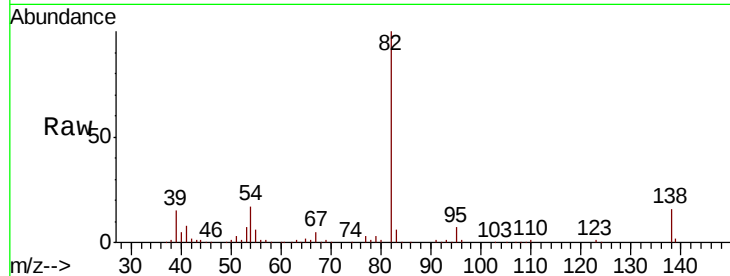
Tot Ion: 82 Resp: 237373

Ion Ratio Lower Upper

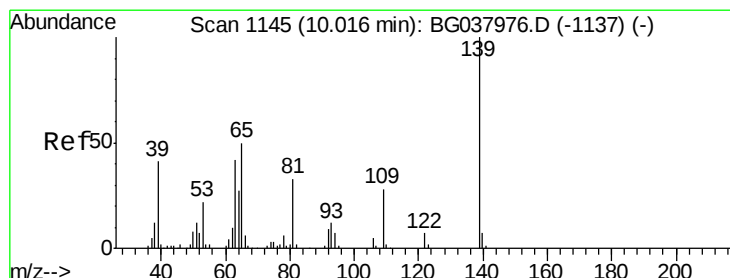
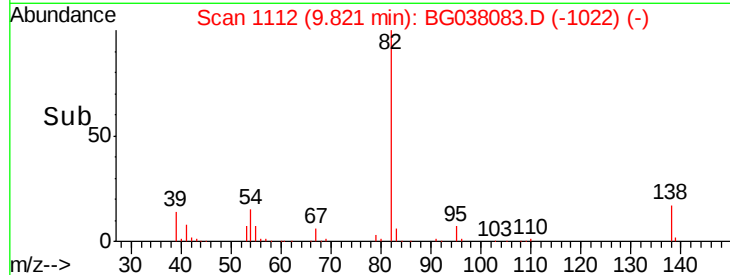
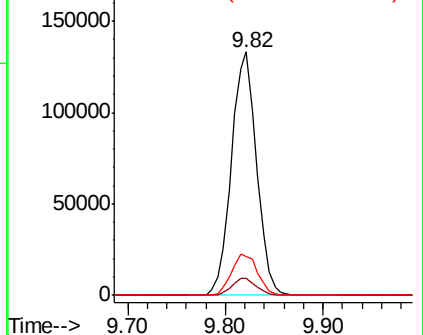
82 100

95 7.1 5.3 7.9

138 16.1 13.3 19.9



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



#26

2-Nitrophenol

Concen: 37.233 ng

RT: 10.02 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

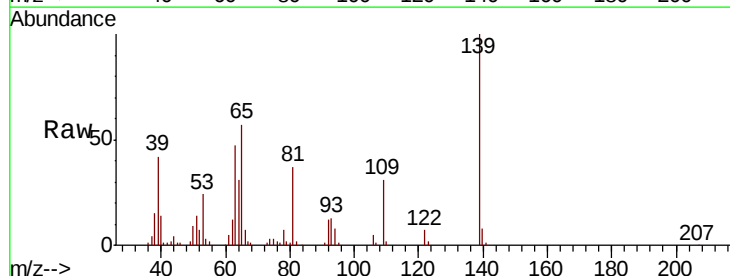
Tgt Ion: 139 Resp: 62020

Ion Ratio Lower Upper

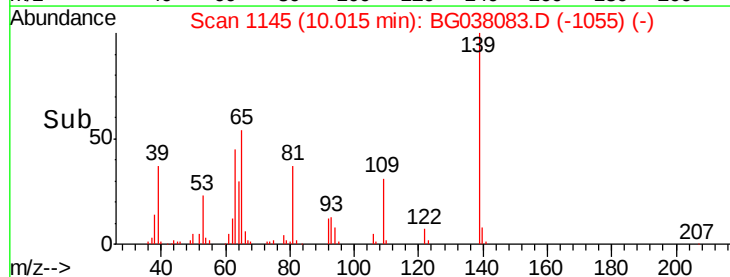
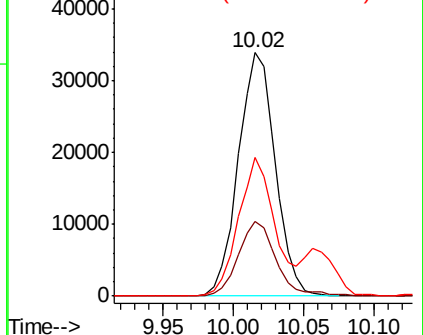
139 100

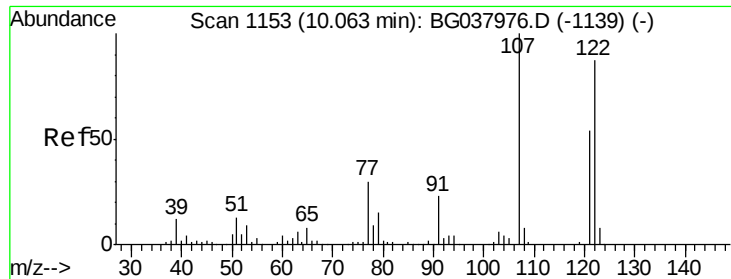
109 30.6 23.3 34.9

65 56.8 39.8 59.8



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

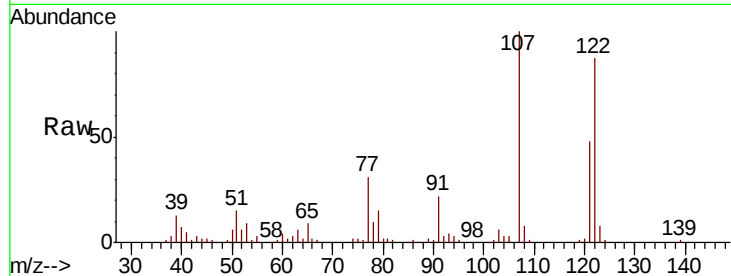




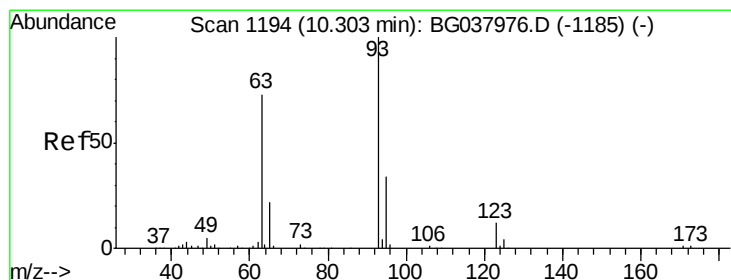
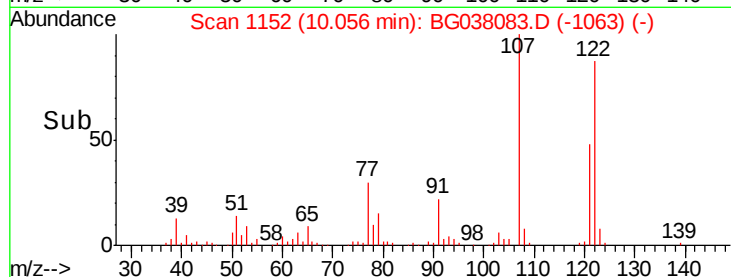
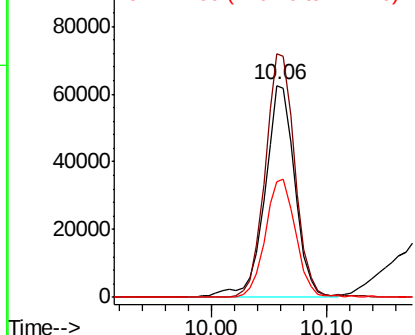
#27
 2,4-Dimethylphenol
 Concen: 45.357 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BG038083.D
 Acq: 20 Nov 2018 13:30

Instrument :
 BNA_G
 ClientSampleId :
 PB114959BS

Tot Ion:122 Resp: 113834
 Ion Ratio Lower Upper
 122 100
 107 114.8 94.2 141.2
 121 54.8 47.3 70.9

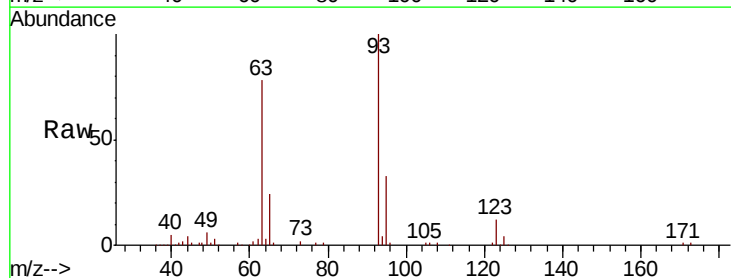


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

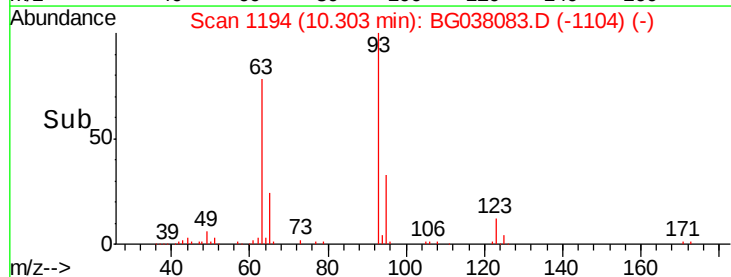
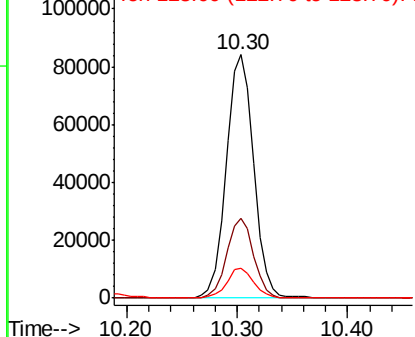


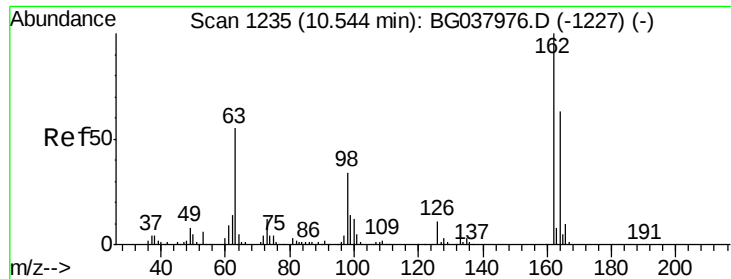
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.852 ng
 RT: 10.30 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BG038083.D
 Acq: 20 Nov 2018 13:30

Tgt Ion: 93 Resp: 145851
 Ion Ratio Lower Upper
 93 100
 95 32.6 24.6 37.0
 123 12.1 9.1 13.7



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

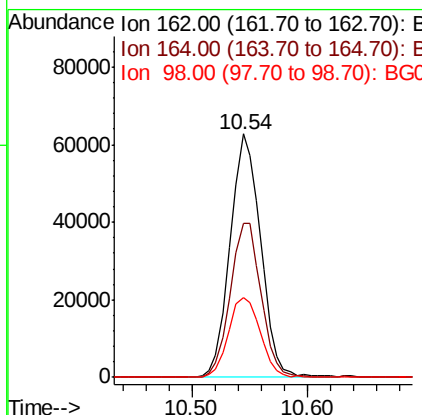
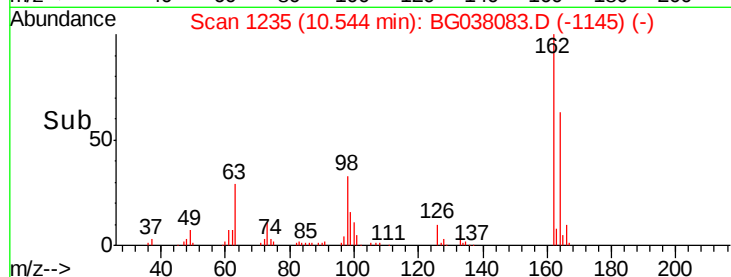
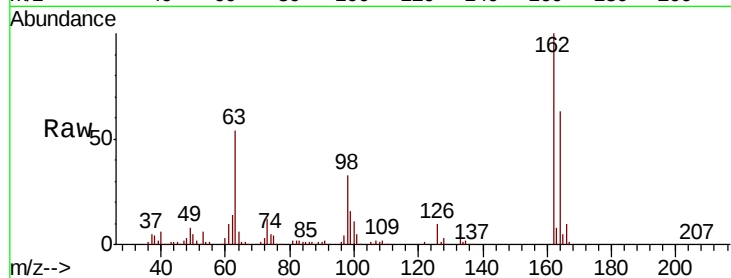




#29
 2,4-Dichlorophenol
 Concen: 40.729 ng
 RT: 10.54 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: BG038083.D
 Acq: 20 Nov 2018 13:30

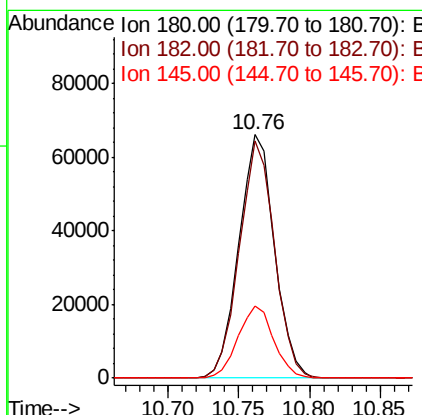
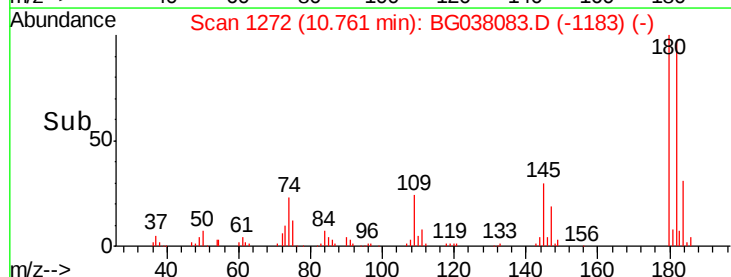
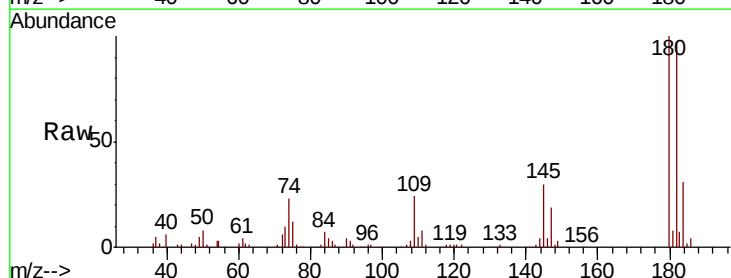
Instrument :
 BNA_G
 ClientSampleId :
 PB114959BS

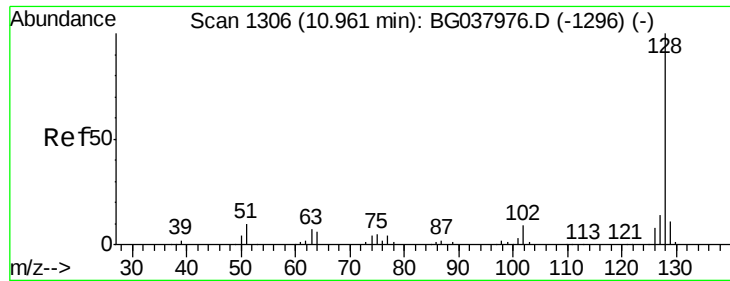
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	43.2	83.2
98	32.6	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 36.838 ng
 RT: 10.76 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BG038083.D
 Acq: 20 Nov 2018 13:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	77.7	116.5
145	29.7	23.3	34.9

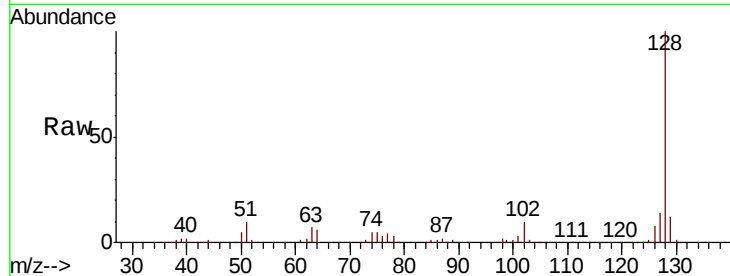




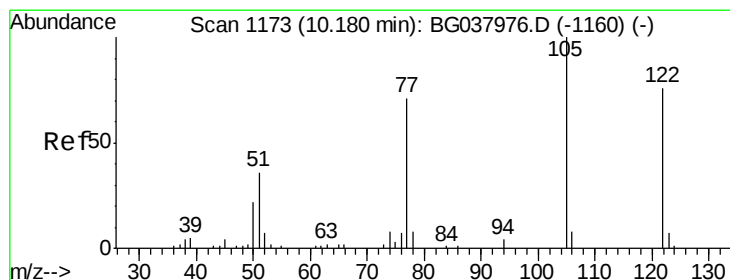
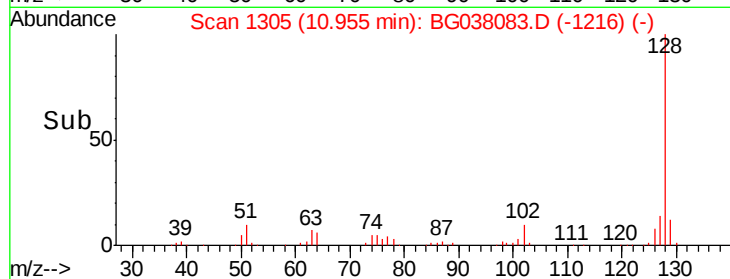
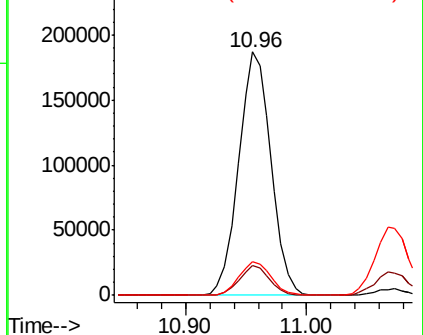
#31
Naphthalene
Concen: 40.375 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

Instrument :
BNA_G
ClientSampleId :
PB114959BS

Tot Ion:128 Resp: 346729
Ion Ratio Lower Upper
128 100
129 12.0 9.0 13.6
127 13.9 11.1 16.7

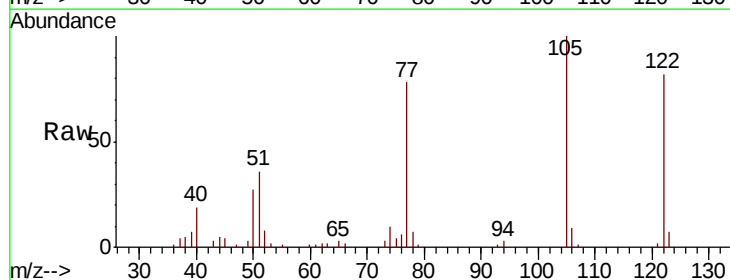


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

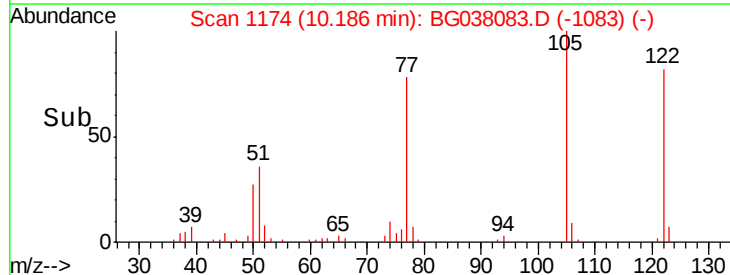
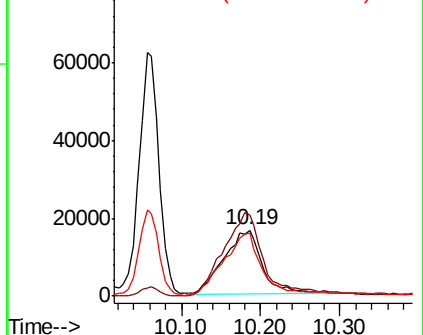


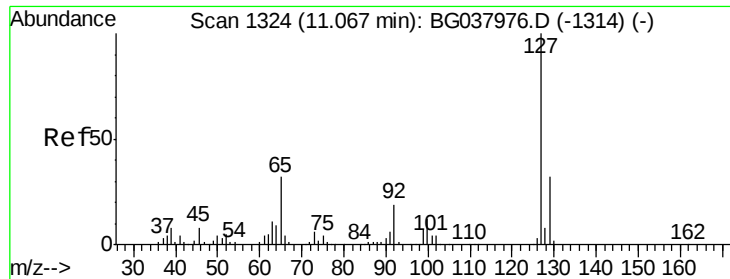
#32
Benzoic acid
Concen: 38.090 ng
RT: 10.19 min Scan# 1174
Delta R.T. 0.01 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

Tgt Ion:122 Resp: 56016
Ion Ratio Lower Upper
122 100
105 122.3 106.7 146.7
77 94.9 72.2 112.2



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

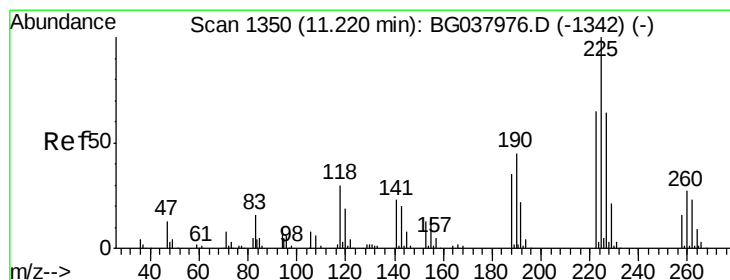
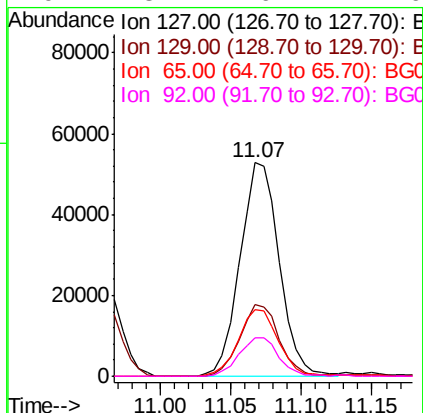
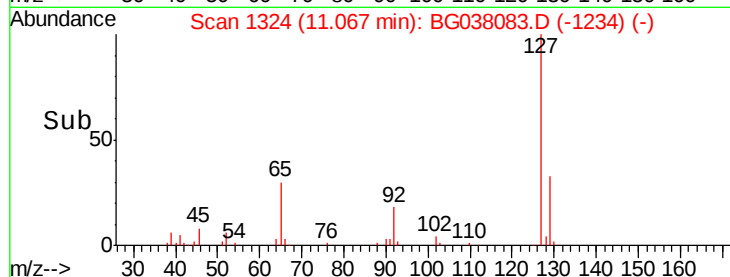
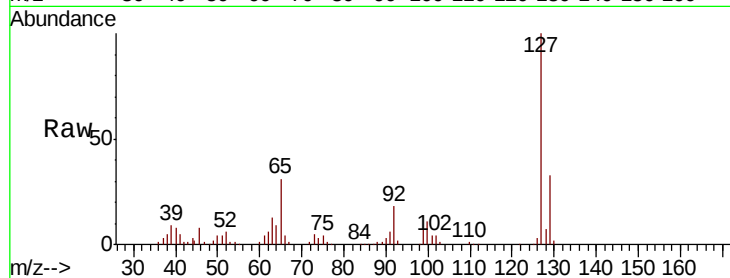




#33
4-Chloroaniline
Concen: 25.716 ng
RT: 11.07 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

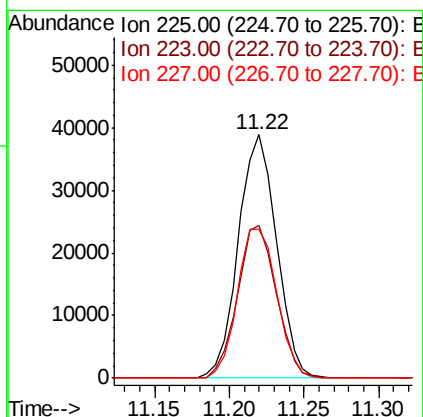
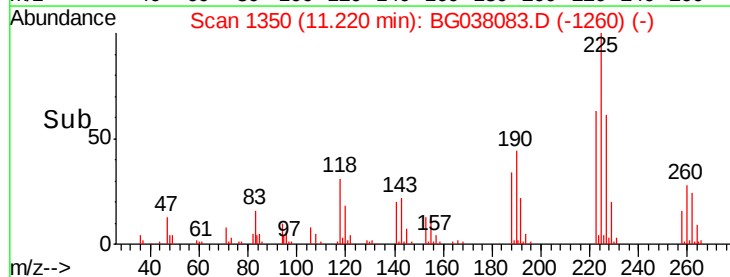
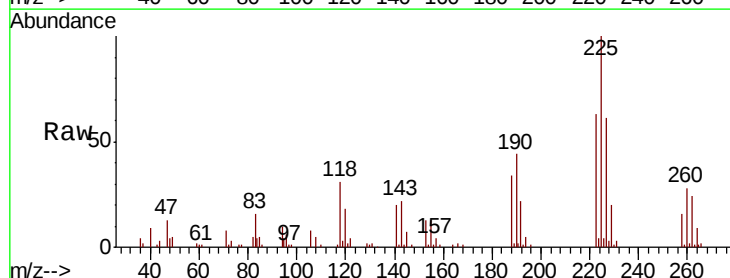
Instrument :
BNA_G
ClientSampleId :
PB114959BS

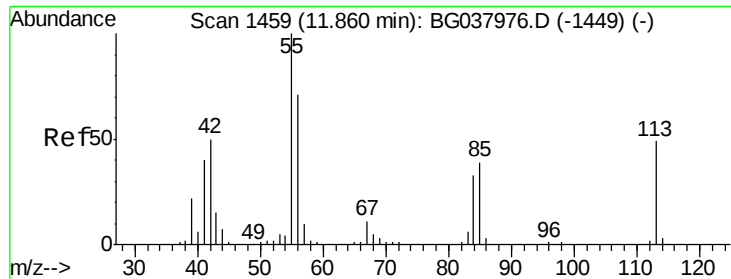
Tot Ion:127	Resp:	102729
Ion	Ratio	Lower Upper
127	100	
129	33.3	27.1 40.7
65	31.0	26.6 39.8
92	18.1	16.4 24.6



#34
Hexachlorobutadiene
Concen: 35.390 ng
RT: 11.22 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

Tgt Ion:225	Resp:	68900
Ion	Ratio	Lower Upper
225	100	
223	60.3	48.2 72.4
227	58.8	51.6 77.4

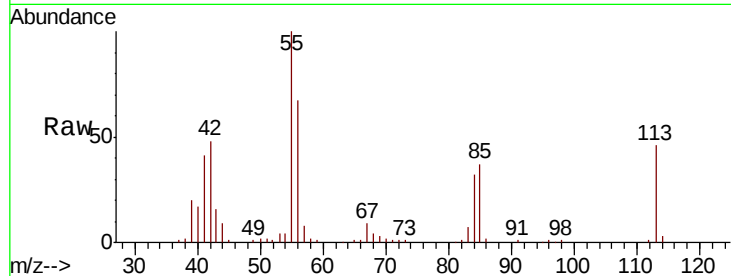




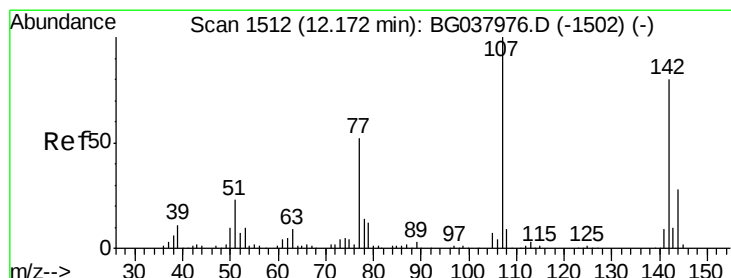
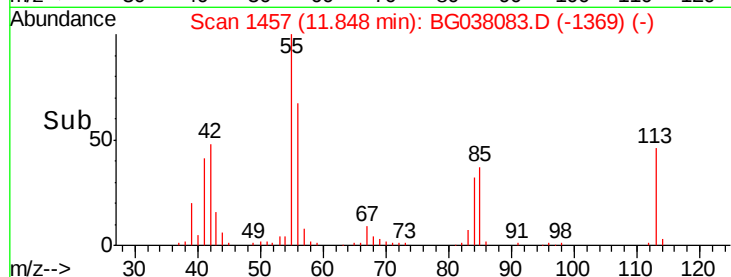
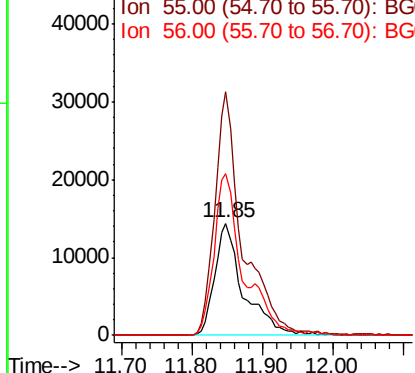
#35
 Caprolactam
 Concen: 36.054 ng
 RT: 11.85 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BG038083.D
 Acq: 20 Nov 2018 13:30

Instrument :
 BNA_G
 ClientSampleID :
 PB114959BS

Tot Ion:113 Resp: 40739
 Ion Ratio Lower Upper
 113 100
 55 216.7 176.6 216.6#
 56 144.3 128.3 168.3

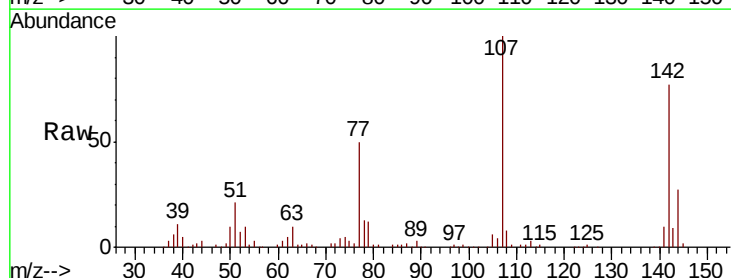


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

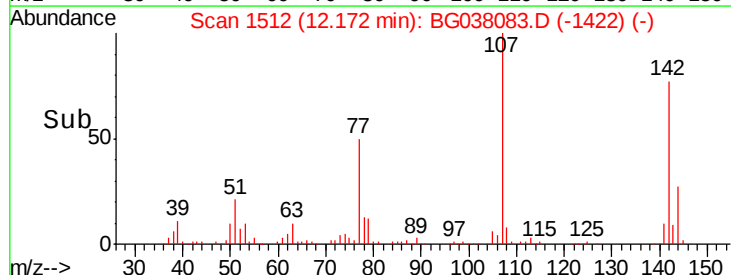
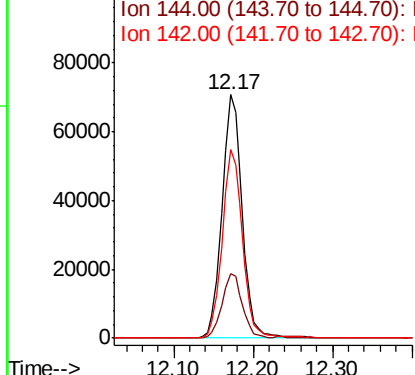


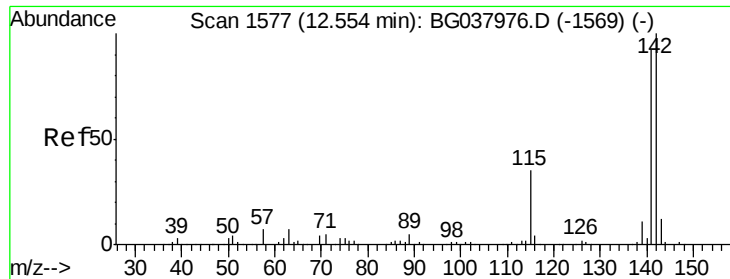
#36
 4-Chloro-3-methylphenol
 Concen: 40.457 ng
 RT: 12.17 min Scan# 1512
 Delta R.T. -0.00 min
 Lab File: BG038083.D
 Acq: 20 Nov 2018 13:30

Tgt Ion:107 Resp: 124772
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.7 31.1
 142 77.3 64.4 96.6



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

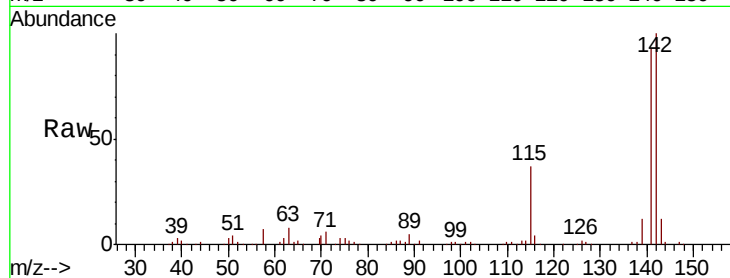




#37
2-Methylnaphthalene
Concen: 41.638 ng
RT: 12.55 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

Instrument :
BNA_G
ClientSampleId :
PB114959BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.1	71.9	107.9
115	37.0	27.8	41.8

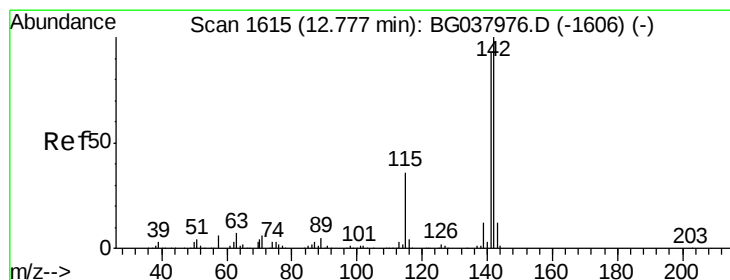
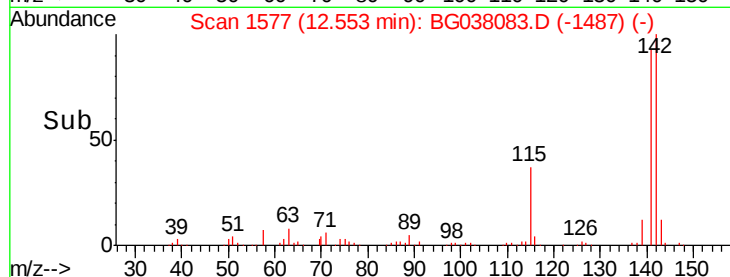
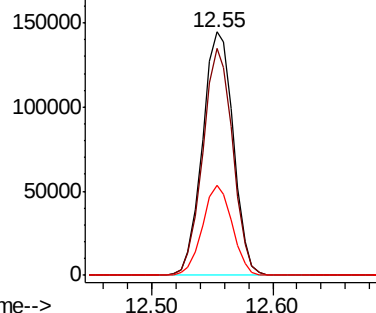


Abundance

Ion 142.00 (141.70 to 142.70): E

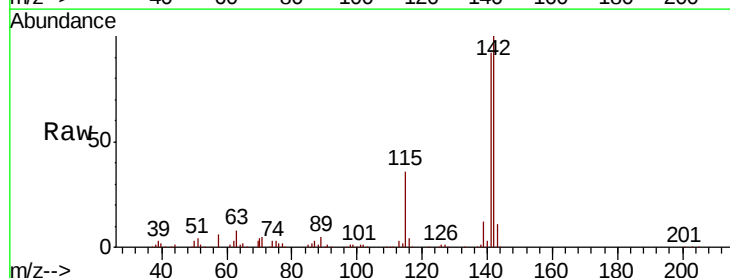
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.859 ng
RT: 12.77 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	75.2	112.8
116	3.9	3.3	4.9

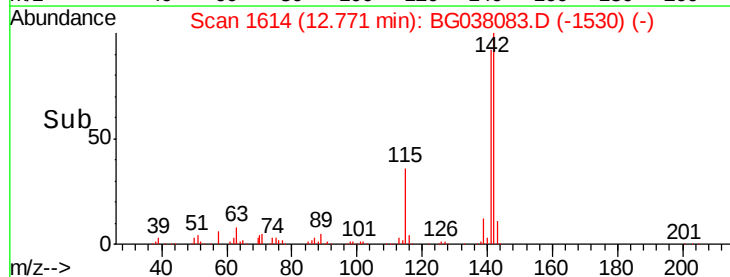
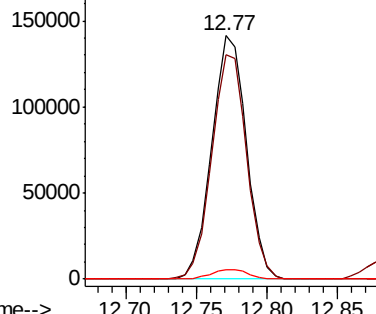


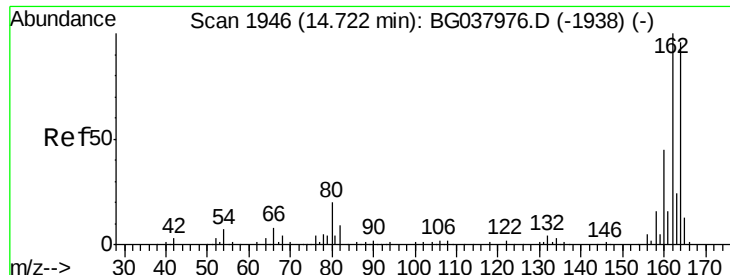
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Instrument :

BNA_G

ClientSampleId :

PB114959BS

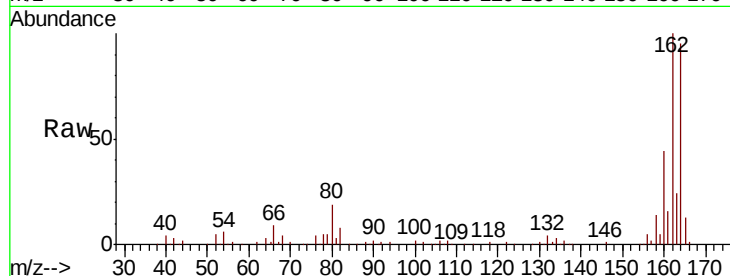
Tot Ion:164 Resp: 109559

Ion Ratio Lower Upper

164 100

162 104.8 81.3 121.9

160 46.1 36.3 54.5

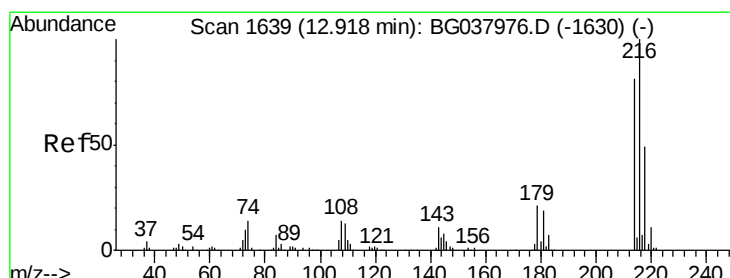
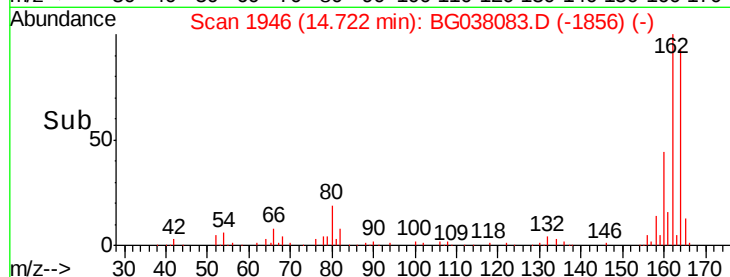
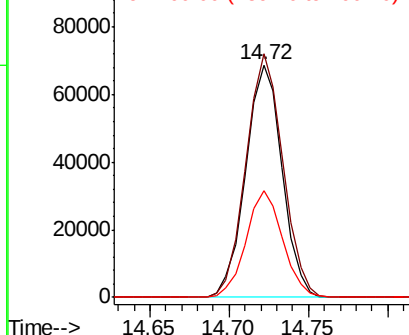


Abundance

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: 36.615 ng

RT: 12.92 min Scan# 1639

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Tgt Ion:216 Resp: 134048

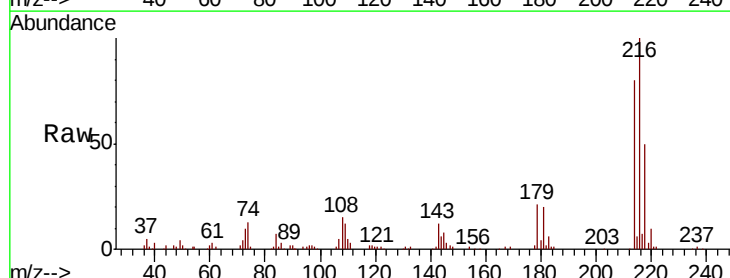
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.6

179 20.7 17.4 26.0

108 19.1 13.9 20.9



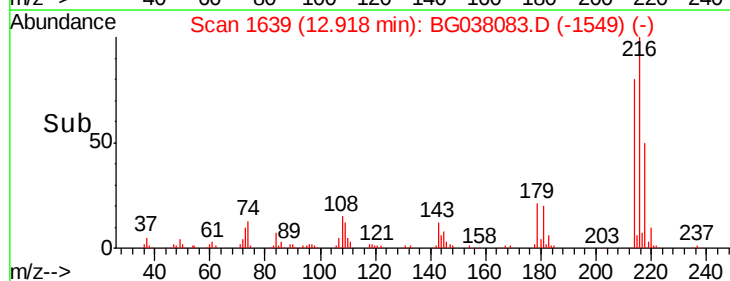
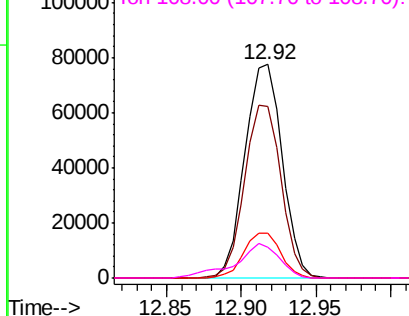
Abundance

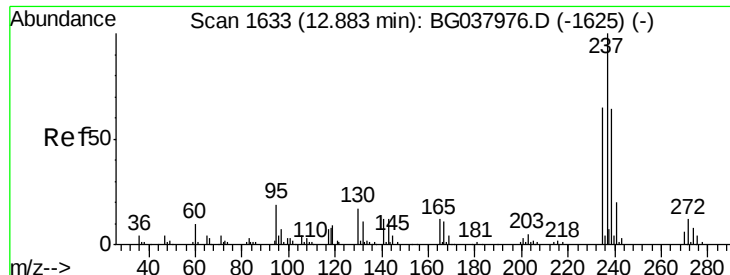
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 82.929 ng

RT: 12.88 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Instrument :

BNA_G

ClientSampleId :

PB114959BS

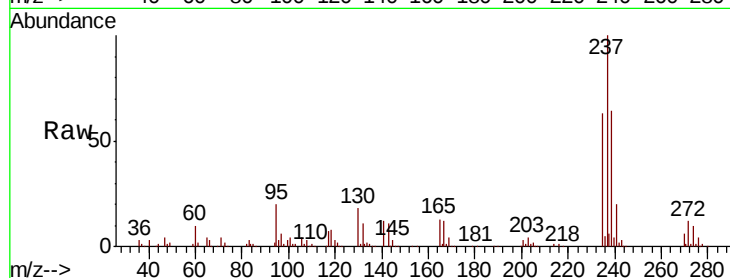
Tot Ion:237 Resp: 162571

Ion	Ratio	Lower	Upper
237	100		
235	63.1	42.5	82.5
272	11.8	0.0	31.6

237 100

235 63.1 42.5 82.5

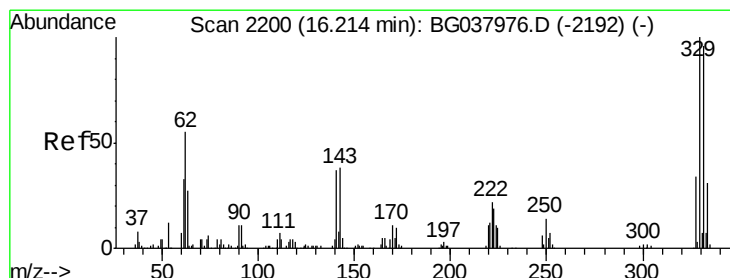
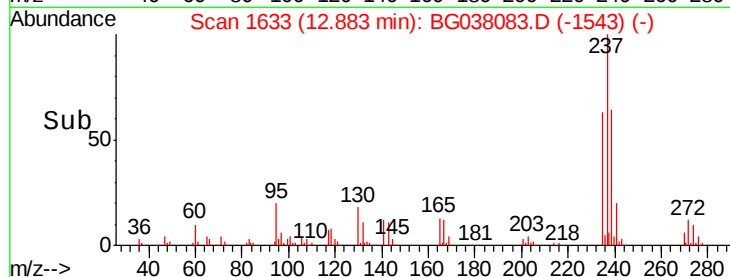
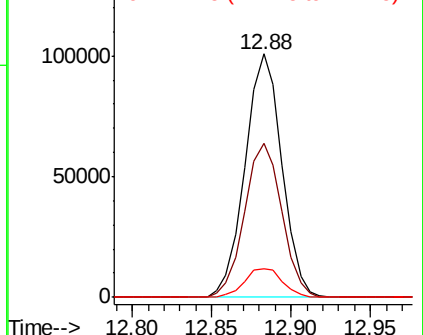
272 11.8 0.0 31.6



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: 115.067 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

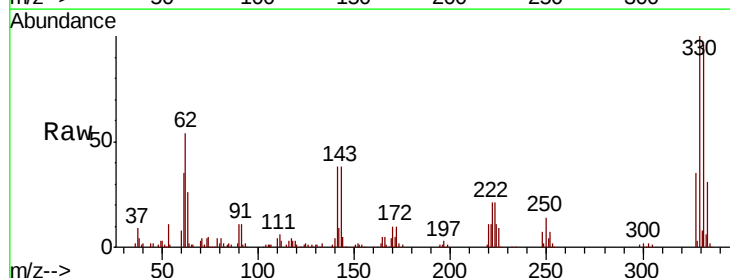
Tgt Ion:330 Resp: 143776

Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.4	117.6
141	40.6	32.2	48.2

330 100

332 95.7 78.4 117.6

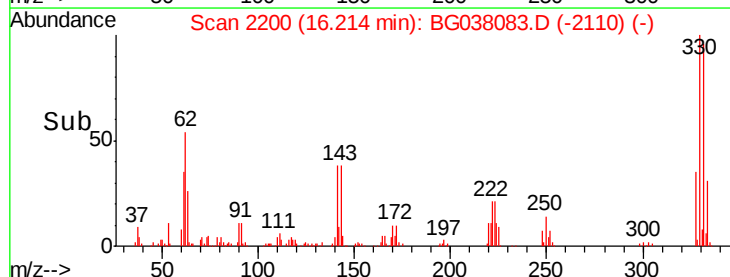
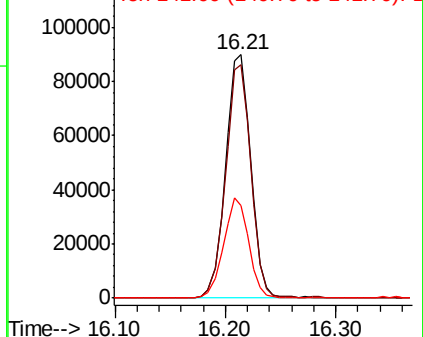
141 40.6 32.2 48.2

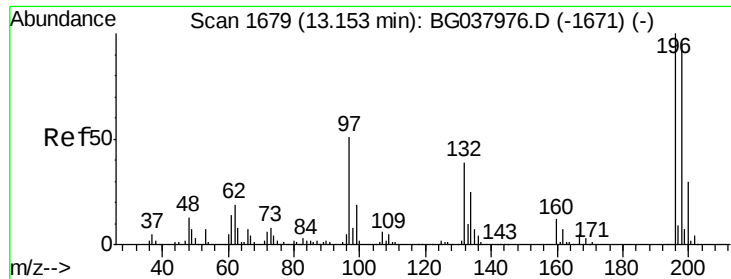


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

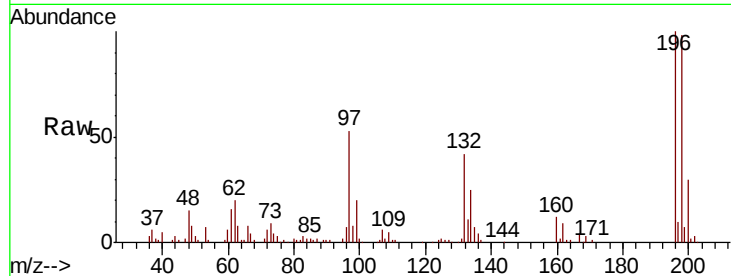




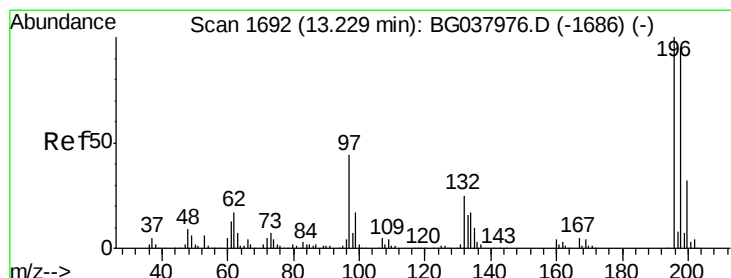
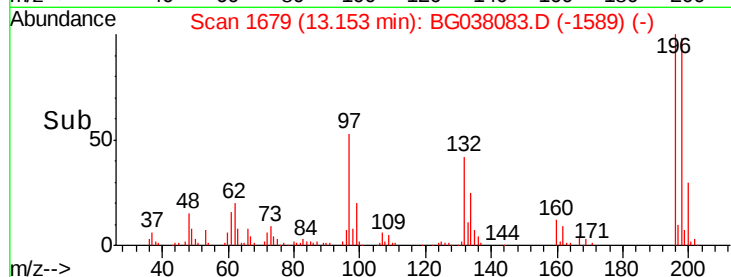
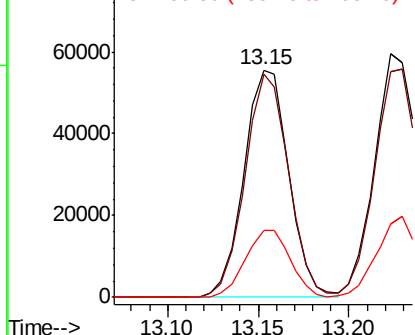
#43
 2,4,6-Trichlorophenol
 Concen: 38.222 ng
 RT: 13.15 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: BG038083.D
 Acq: 20 Nov 2018 13:30

Instrument :
 BNA_G
 ClientSampleId :
 PB114959BS

Tot Ion:196 Resp: 95353
 Ion Ratio Lower Upper
 196 100
 198 98.0 76.4 114.6
 200 29.6 24.9 37.3

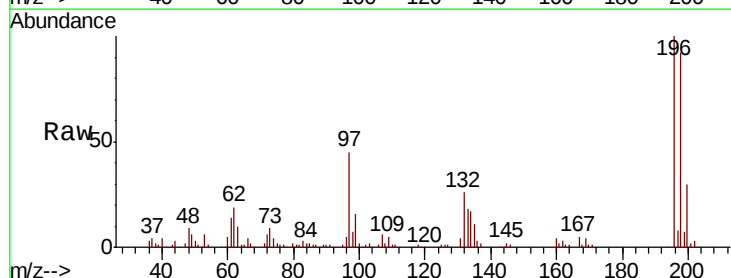


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

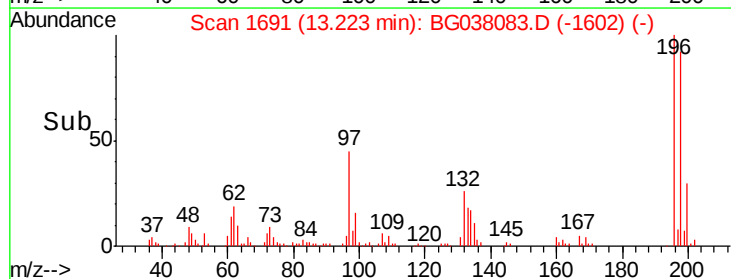
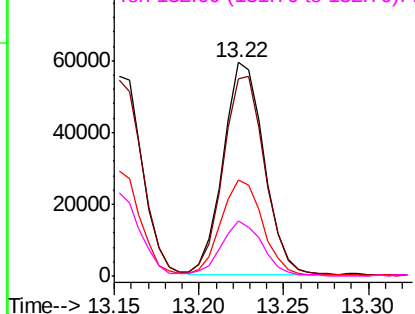


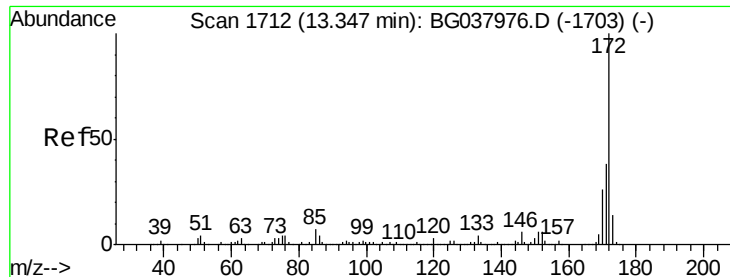
#44
 2,4,5-Trichlorophenol
 Concen: 38.134 ng
 RT: 13.22 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG038083.D
 Acq: 20 Nov 2018 13:30

Tgt Ion:196 Resp: 100098
 Ion Ratio Lower Upper
 196 100
 198 92.5 74.2 111.2
 97 44.8 34.1 51.1
 132 25.8 20.2 30.4



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

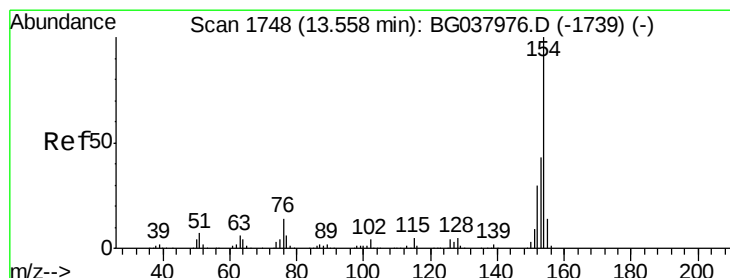
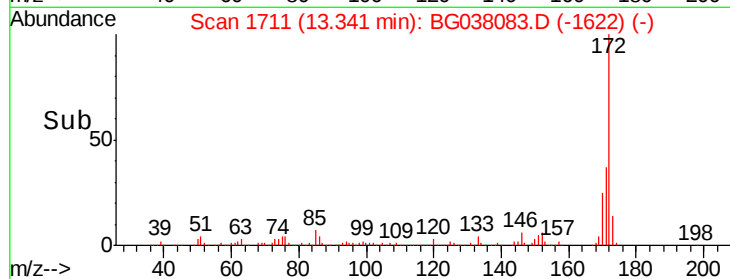
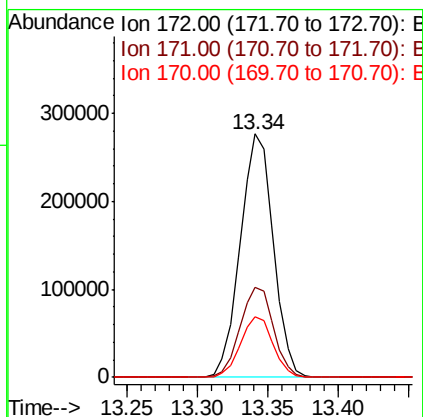
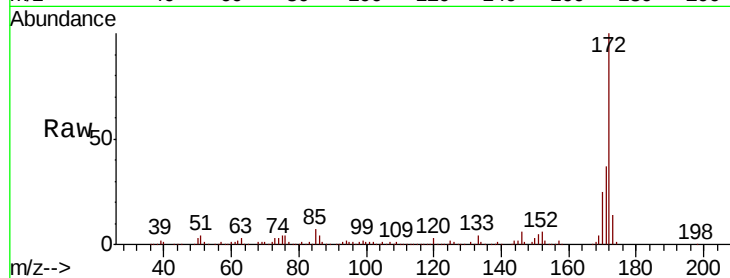




#45
 2-Fluorobiphenyl
 Concen: 60.072 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038083.D
 Acq: 20 Nov 2018 13:30

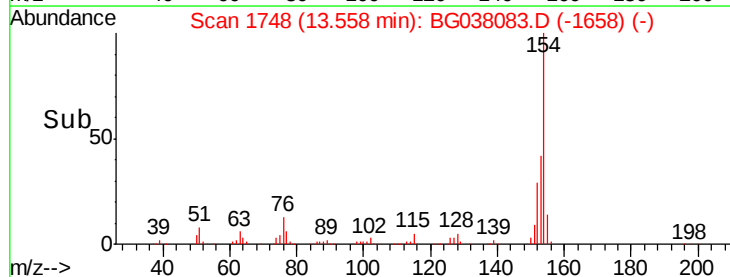
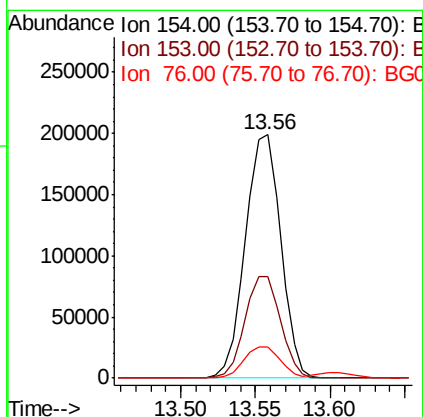
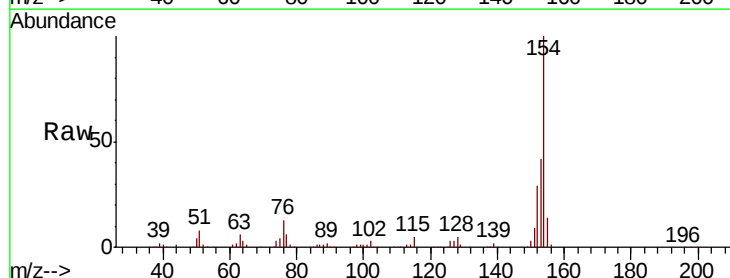
Instrument :
 BNA_G
 ClientSampleId :
 PB114959BS

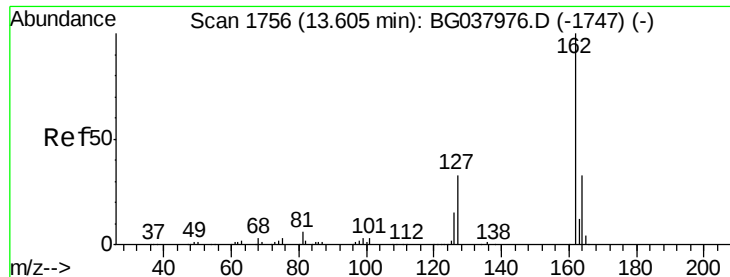
Tot Ion:172 Resp: 451759
 Ion Ratio Lower Upper
 172 100
 171 36.9 31.0 46.4
 170 24.9 20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 35.442 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG038083.D
 Acq: 20 Nov 2018 13:30

Tgt Ion:154 Resp: 326217
 Ion Ratio Lower Upper
 154 100
 153 41.9 22.1 62.1
 76 12.9 0.0 33.2

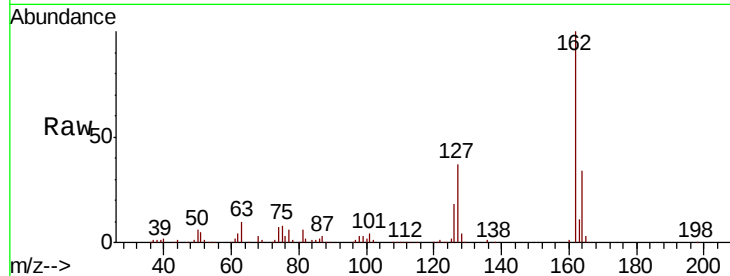




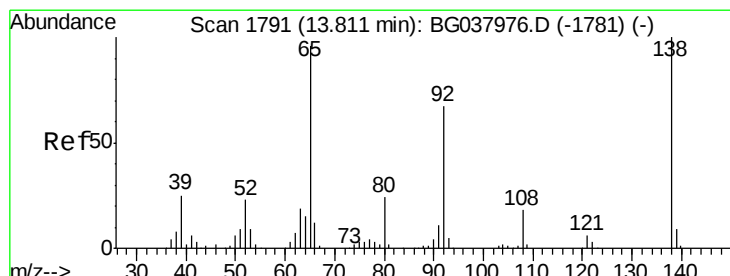
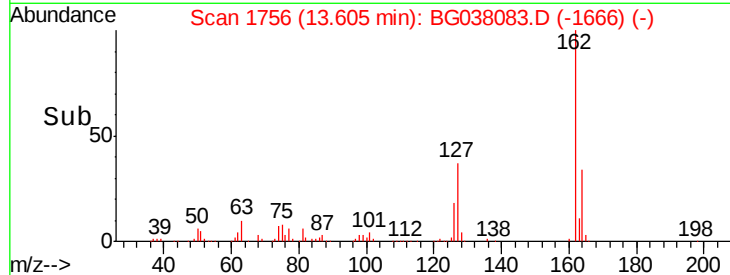
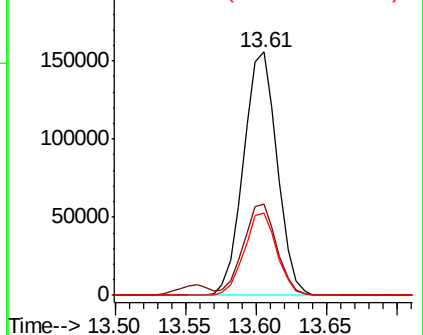
#47
 2-Chloronaphthalene
 Concen: 36.995 ng
 RT: 13.61 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: BG038083.D
 Acq: 20 Nov 2018 13:30

Instrument :
 BNA_G
 ClientSampleId :
 PB114959BS

Tot Ion:162 Resp: 259838
 Ion Ratio Lower Upper
 162 100
 127 37.4 30.5 45.7
 164 34.0 26.4 39.6

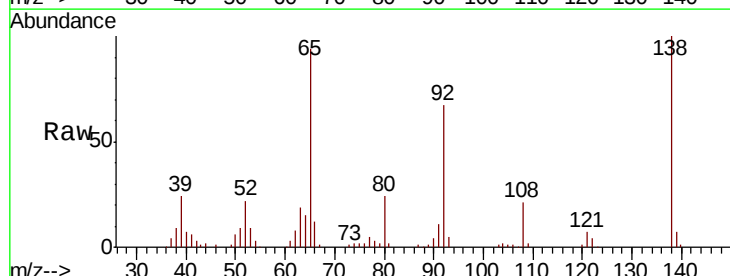


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

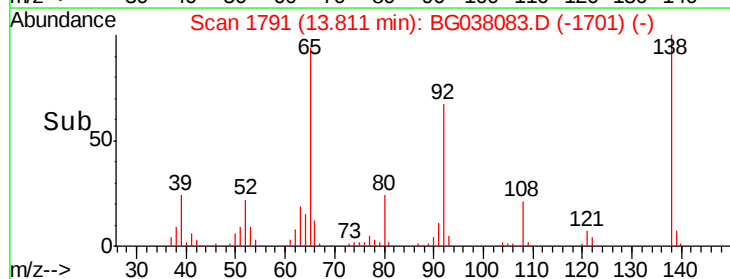
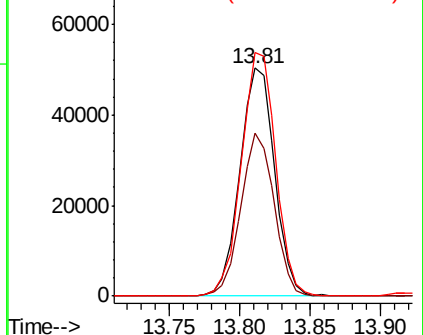


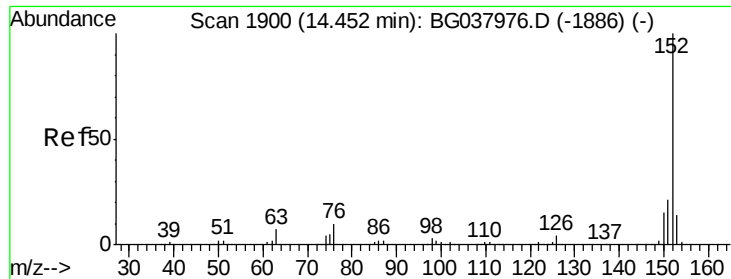
#48
 2-Nitroaniline
 Concen: 39.243 ng
 RT: 13.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: BG038083.D
 Acq: 20 Nov 2018 13:30

Tgt Ion: 65 Resp: 86747
 Ion Ratio Lower Upper
 65 100
 92 71.5 53.2 79.8
 138 106.7 79.3 118.9



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: 40.832 ng

RT: 14.45 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Instrument :

BNA_G

ClientSampleId :

PB114959BS

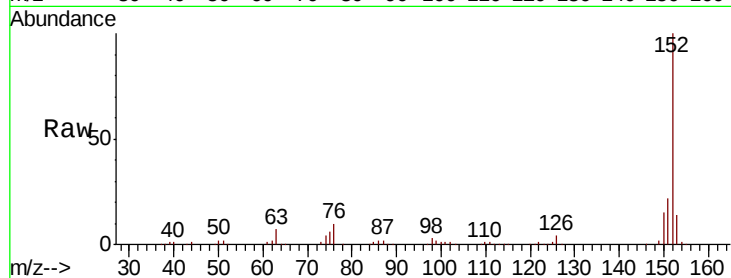
Tot Ion:152 Resp: 431269

Ion Ratio Lower Upper

152 100

151 22.0 17.1 25.7

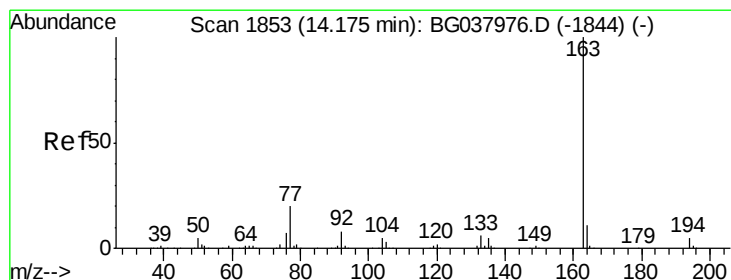
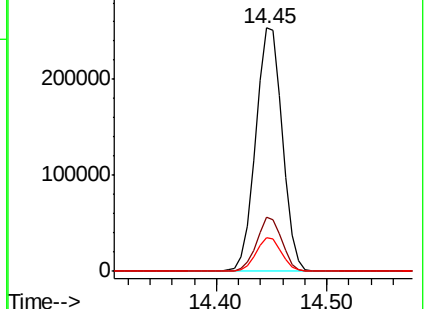
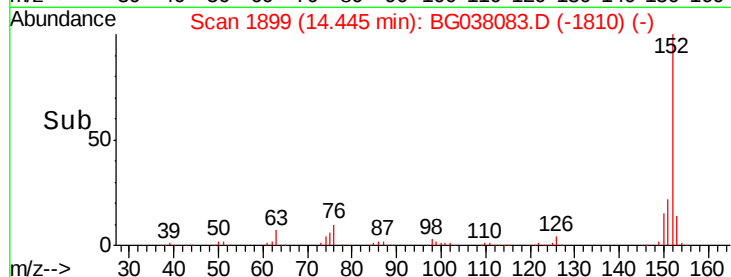
153 13.6 11.1 16.7



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: 37.746 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

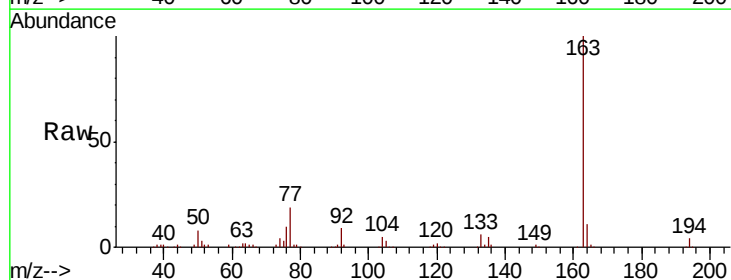
Tgt Ion:163 Resp: 327847

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

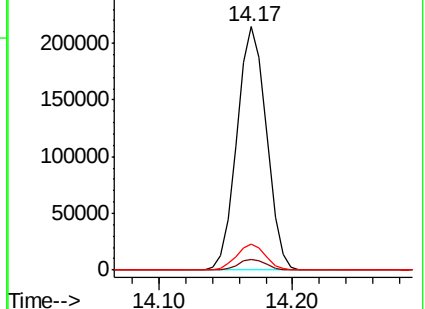
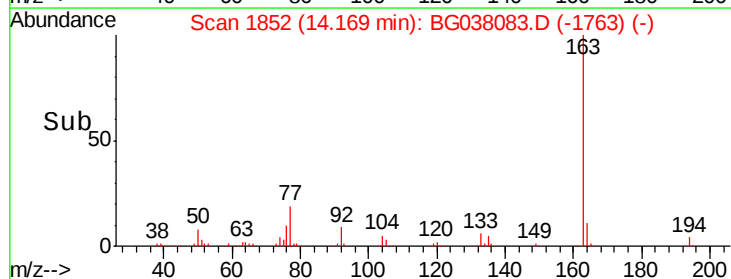
164 10.5 8.5 12.7

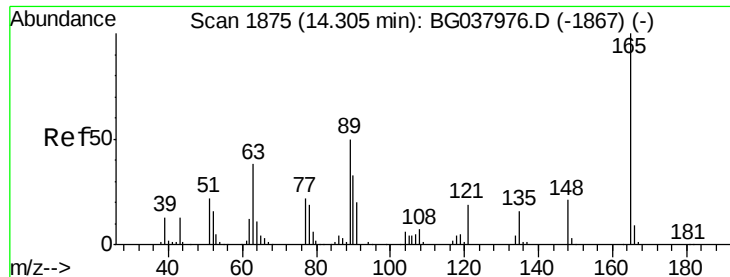


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

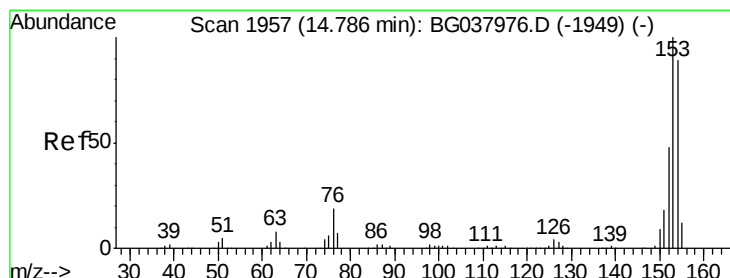
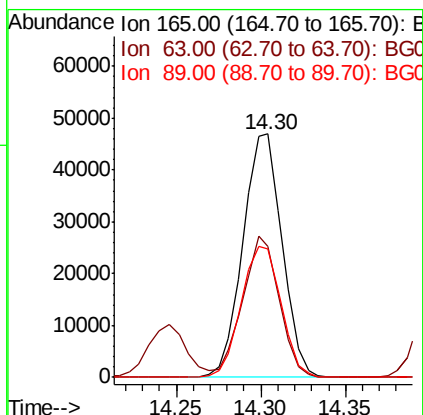
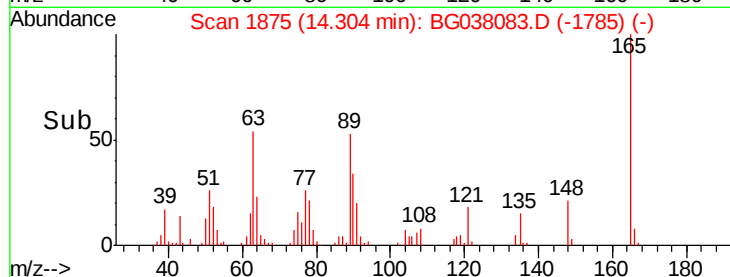
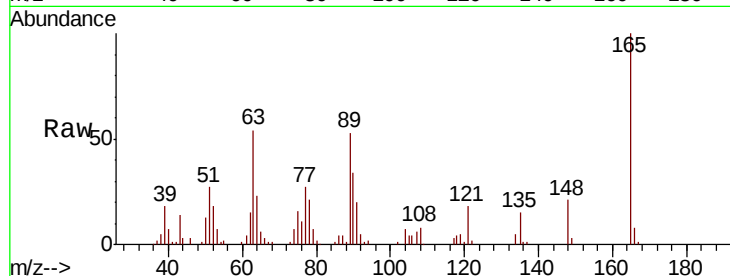




#51
 2,6-Dinitrotoluene
 Concen: 38.390 ng
 RT: 14.30 min Scan# 1875
 Delta R.T. -0.00 min
 Lab File: BG038083.D
 Acq: 20 Nov 2018 13:30

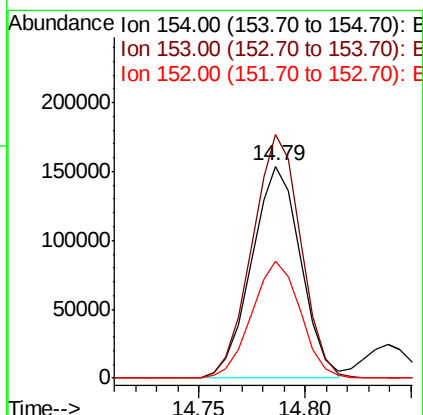
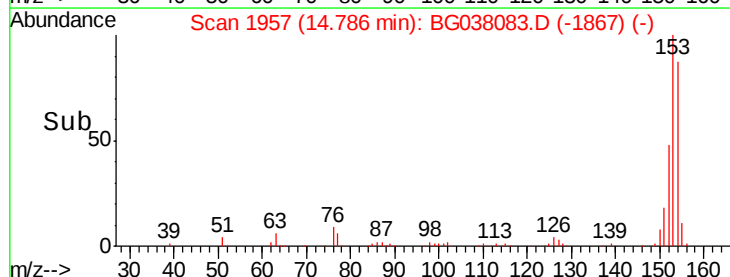
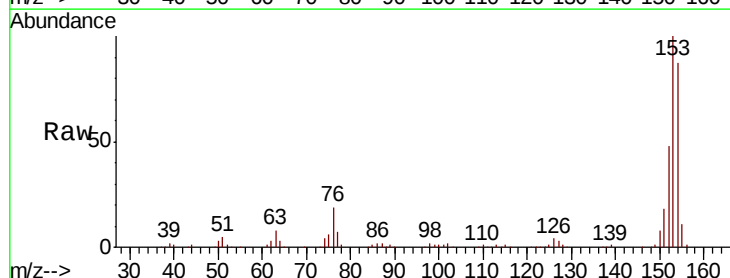
Instrument :
 BNA_G
 ClientSampleId :
 PB114959BS

Tot Ion:165 Resp: 75467
 Ion Ratio Lower Upper
 165 100
 63 53.7 43.4 65.2
 89 52.9 45.8 68.6



#52
 Acenaphthene
 Concen: 39.094 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. -0.00 min
 Lab File: BG038083.D
 Acq: 20 Nov 2018 13:30

Tgt Ion:154 Resp: 248581
 Ion Ratio Lower Upper
 154 100
 153 114.9 93.4 140.0
 152 55.2 44.7 67.1

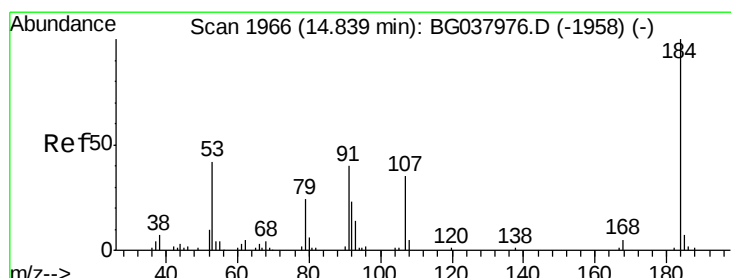
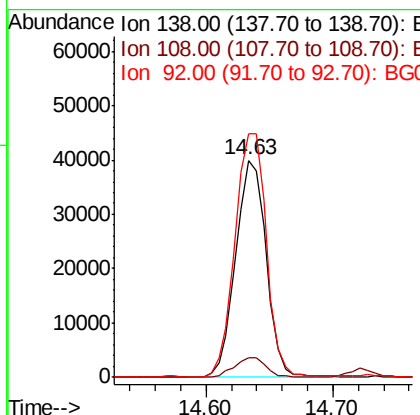
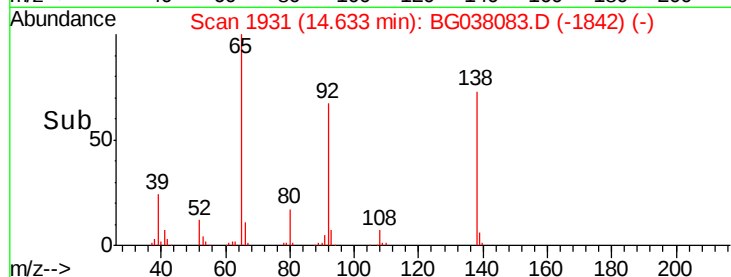
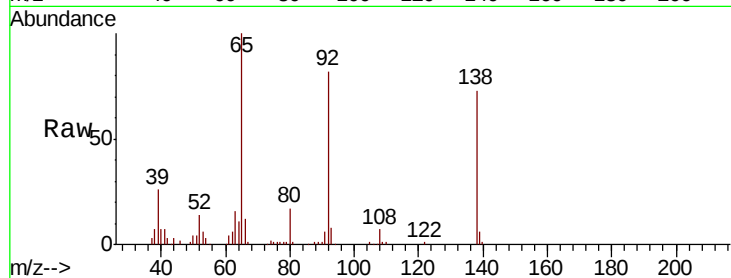




#53
3-Nitroaniline
Concen: 30.762 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

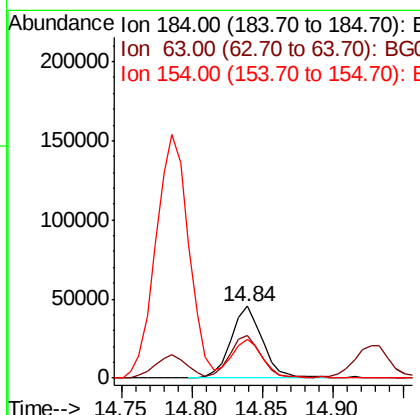
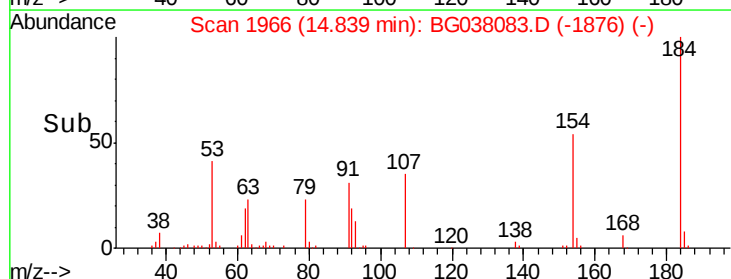
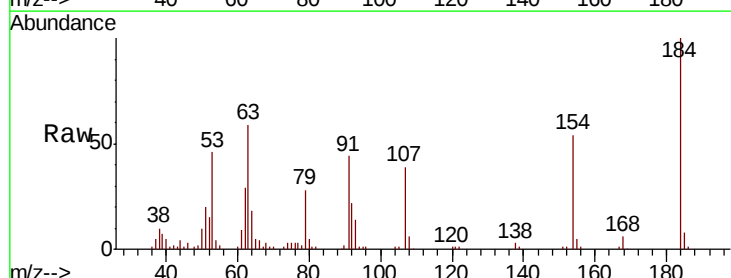
Instrument :
BNA_G
ClientSampleId :
PB114959BS

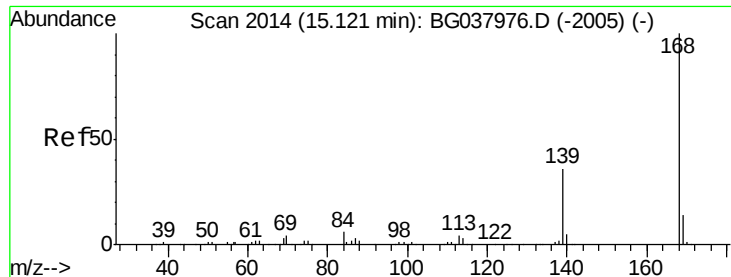
Tot Ion:138 Resp: 66727
Ion Ratio Lower Upper
138 100
108 9.2 11.0 16.6#
92 112.0 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 68.500 ng
RT: 14.84 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

Tgt Ion:184 Resp: 71072
Ion Ratio Lower Upper
184 100
63 58.8 42.6 63.8
154 54.3 41.8 62.6

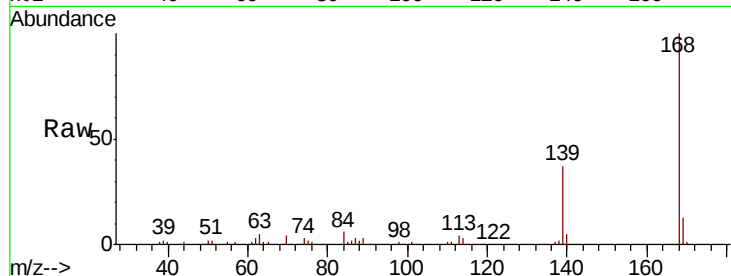




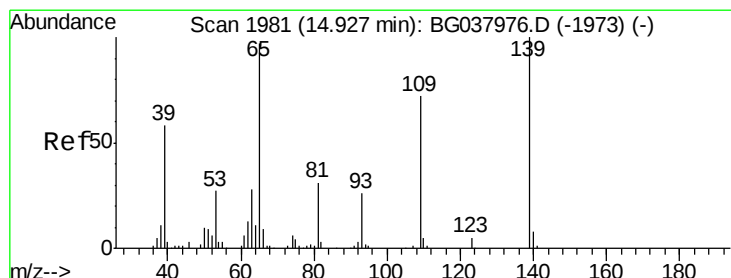
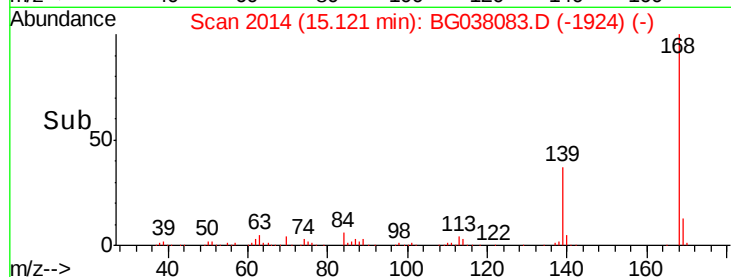
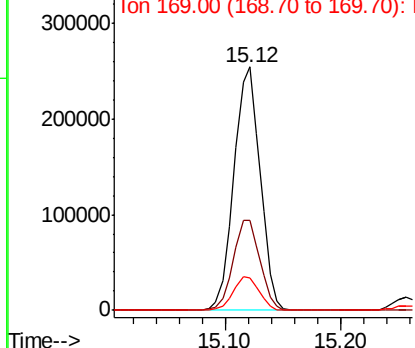
#55
Dibenzenofuran
Concen: 37.991 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

Instrument :
BNA_G
ClientSampleId :
PB114959BS

Tot Ion:168 Resp: 399444
Ion Ratio Lower Upper
168 100
139 36.8 29.4 44.0
169 13.2 11.0 16.6

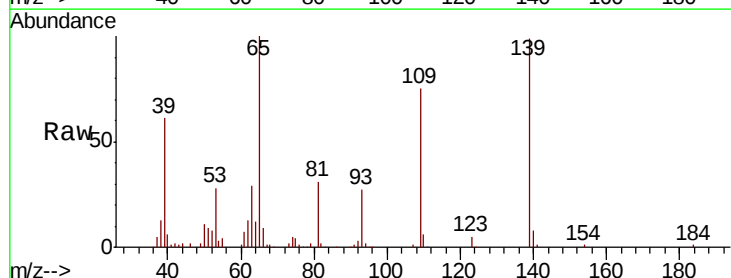


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

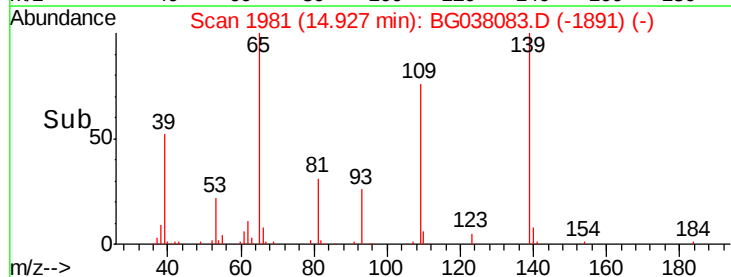
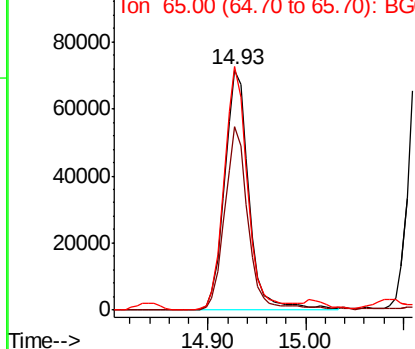


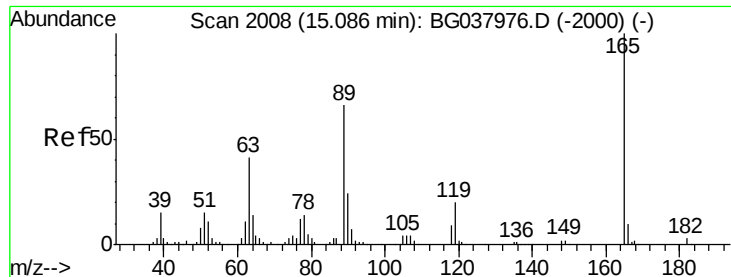
#56
4-Nitrophenol
Concen: 73.796 ng
RT: 14.93 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

Tgt Ion:139 Resp: 123459
Ion Ratio Lower Upper
139 100
109 76.3 49.5 89.5
65 101.5 76.8 116.8



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

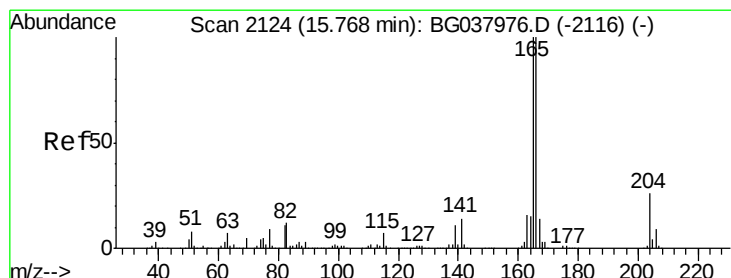
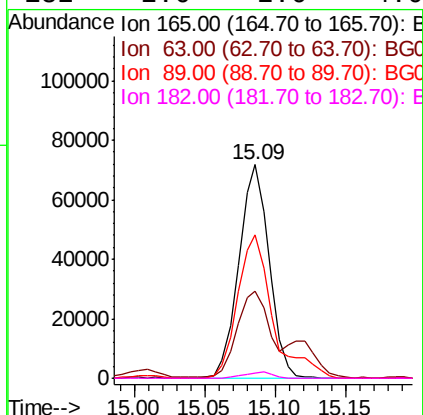
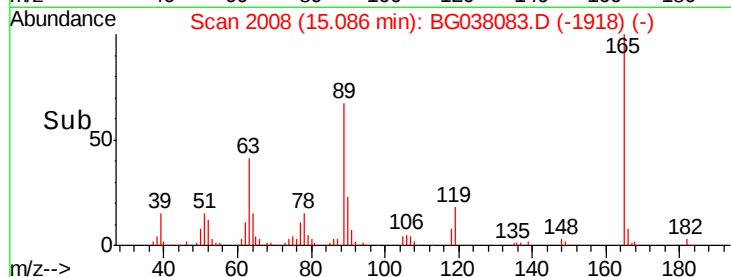
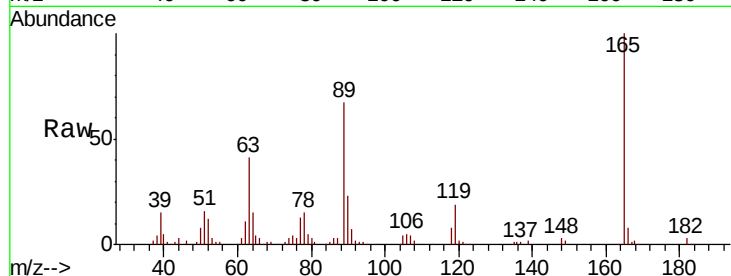




#57
2,4-Dinitrotoluene
Concen: 40.097 ng
RT: 15.09 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

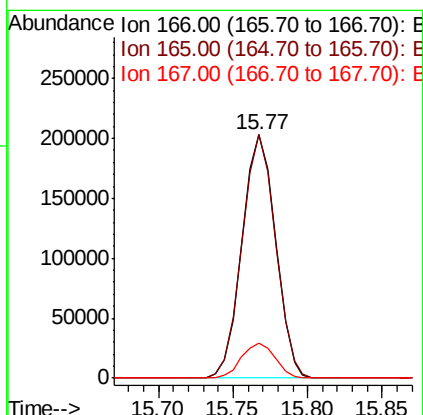
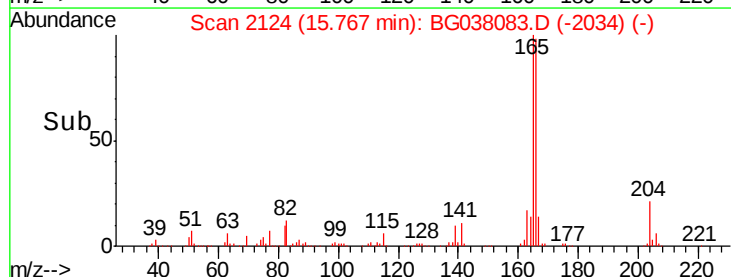
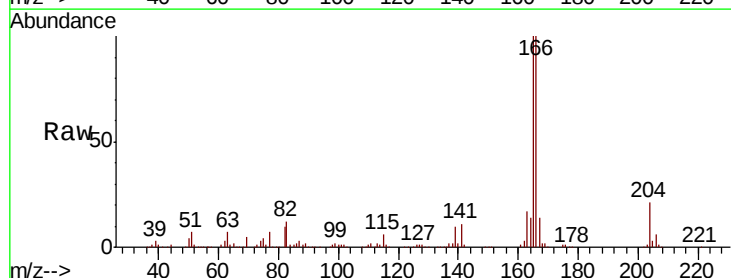
Instrument :
BNA_G
ClientSampleId :
PB114959BS

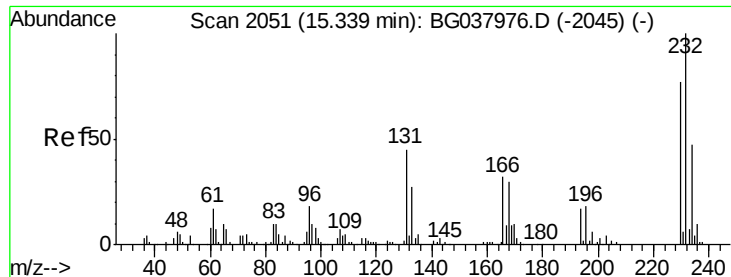
Tot Ion:165 Resp: 107244
Ion Ratio Lower Upper
165 100
63 40.6 33.4 50.0
89 67.2 57.2 85.8
182 2.6 2.6 4.0#



#58
Fluorene
Concen: 40.394 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.00 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

Tgt Ion:166 Resp: 316877
Ion Ratio Lower Upper
166 100
165 100.1 79.0 118.6
167 14.4 11.3 16.9

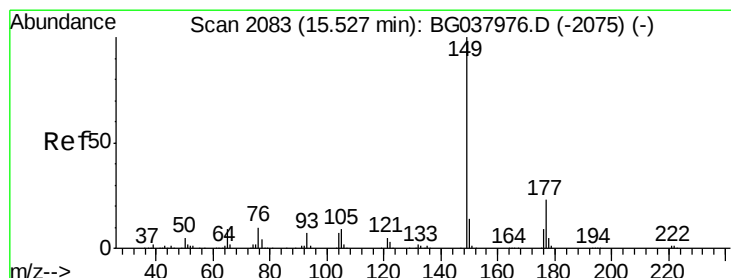
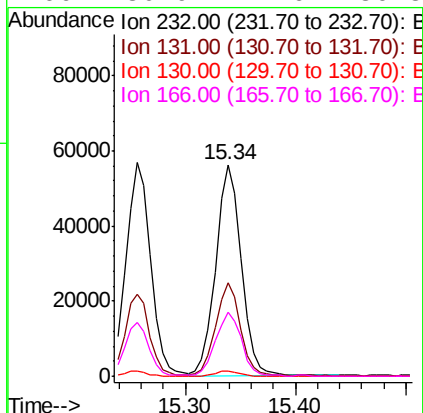
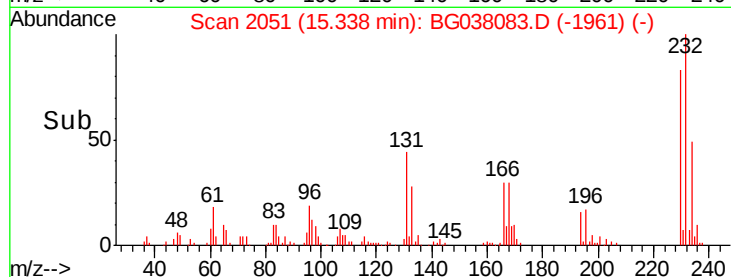
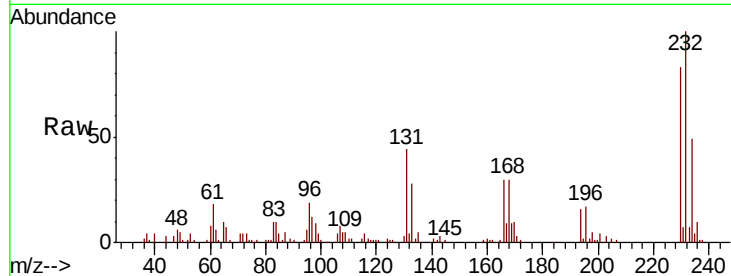




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.856 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BG038083.D
 Acq: 20 Nov 2018 13:30

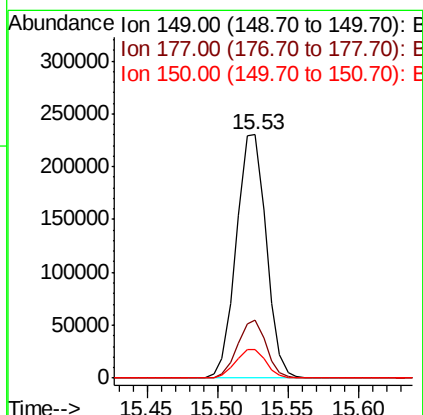
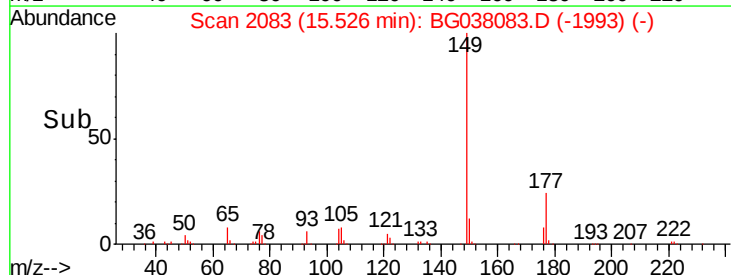
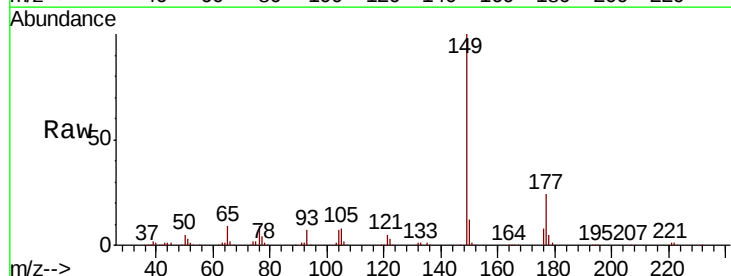
Instrument :
 BNA_G
 ClientSampleId :
 PB114959BS

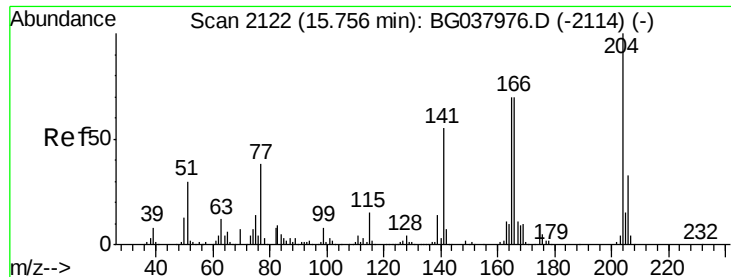
Tot Ion:232 Resp: 89737
 Ion Ratio Lower Upper
 232 100
 131 43.4 33.7 50.5
 130 2.5 2.1 3.1
 166 30.9 24.6 36.8



#60
 Diethylphthalate
 Concen: 36.937 ng
 RT: 15.53 min Scan# 2083
 Delta R.T. -0.00 min
 Lab File: BG038083.D
 Acq: 20 Nov 2018 13:30

Tgt Ion:149 Resp: 340754
 Ion Ratio Lower Upper
 149 100
 177 23.6 18.3 27.5
 150 11.9 10.0 15.0

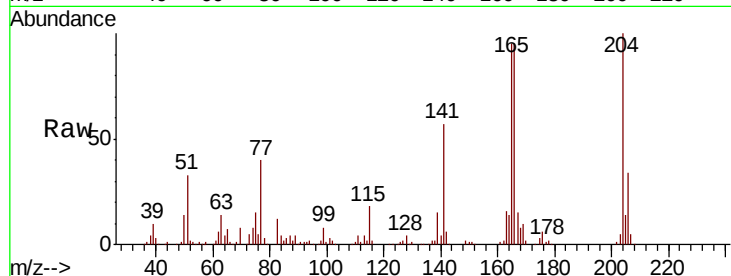




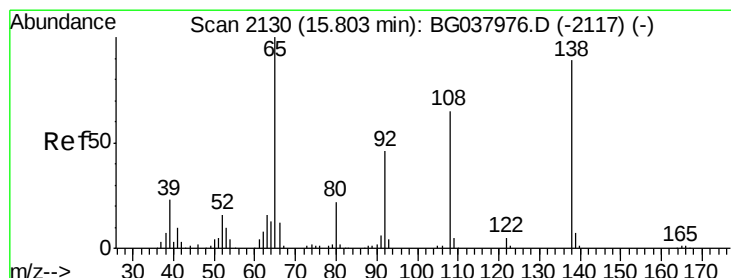
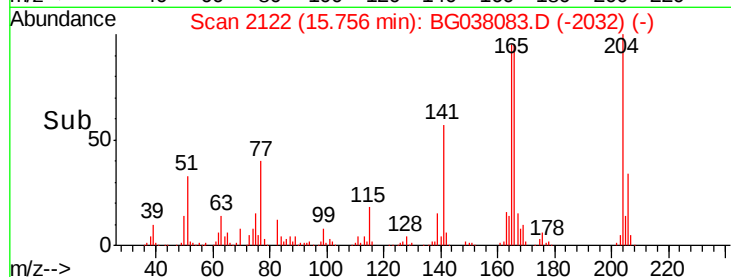
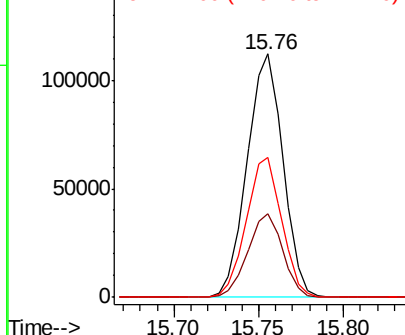
#61
4-Chlorophenyl-phenylether
Concen: 36.074 ng
RT: 15.76 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

Instrument :
BNA_G
ClientSampleId :
PB114959BS

Tot Ion:204 Resp: 165590
Ion Ratio Lower Upper
204 100
206 34.2 26.6 39.8
141 57.4 45.4 68.2

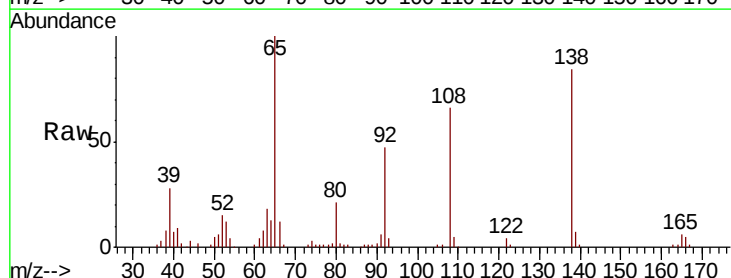


Abundance Ion 204.00 (203.70 to 204.70): E
150000 Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

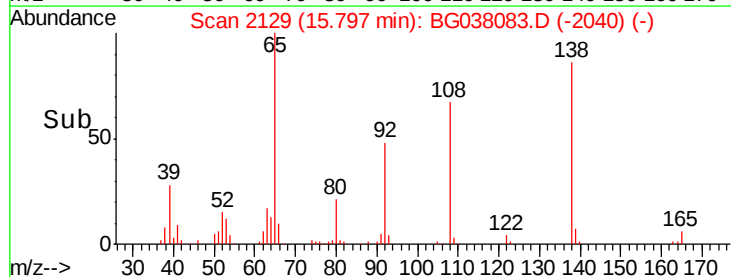
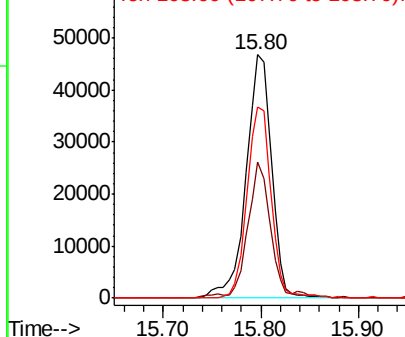


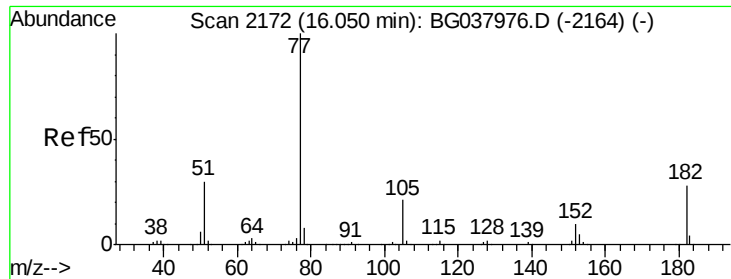
#62
4-Nitroaniline
Concen: 39.544 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

Tgt Ion:138 Resp: 85212
Ion Ratio Lower Upper
138 100
92 55.7 36.4 76.4
108 78.4 60.1 100.1



Abundance Ion 138.00 (137.70 to 138.70): E
60000 Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

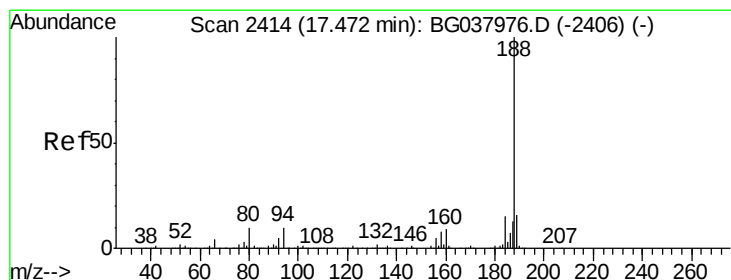
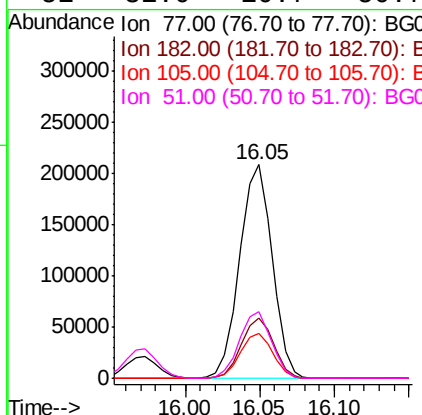
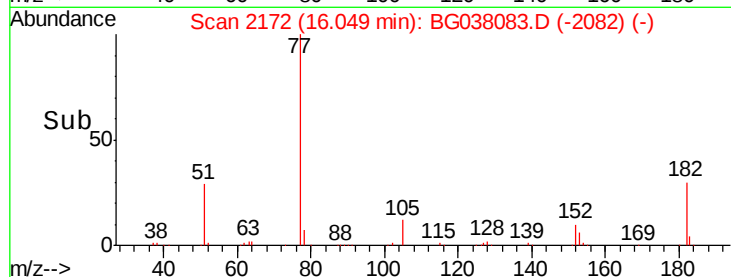
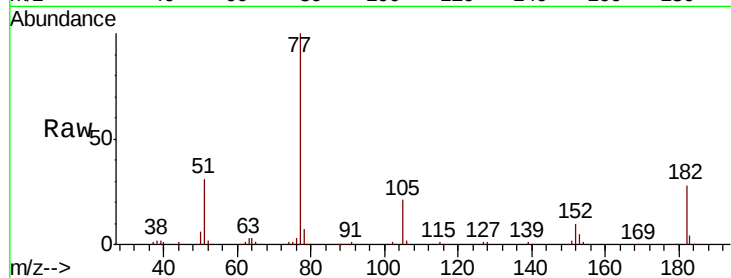




#63
Azobenzene
Concen: 38.262 ng
RT: 16.05 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

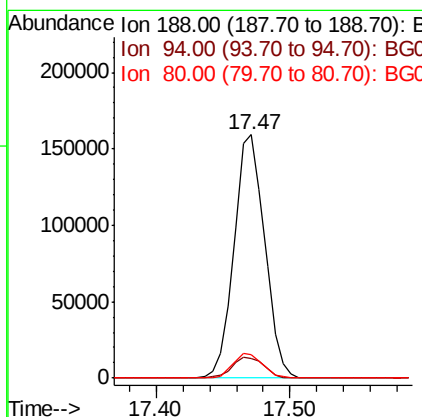
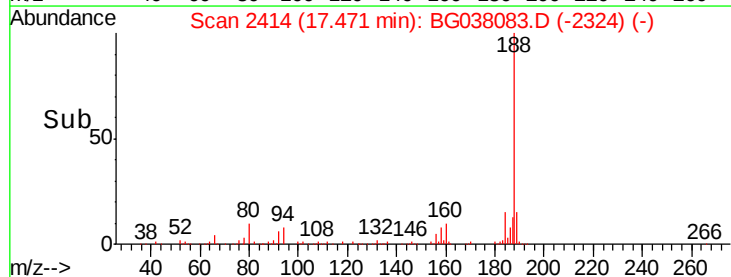
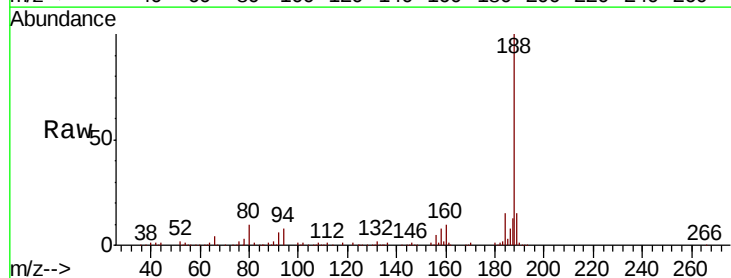
Instrument :
BNA_G
ClientSampleId :
PB114959BS

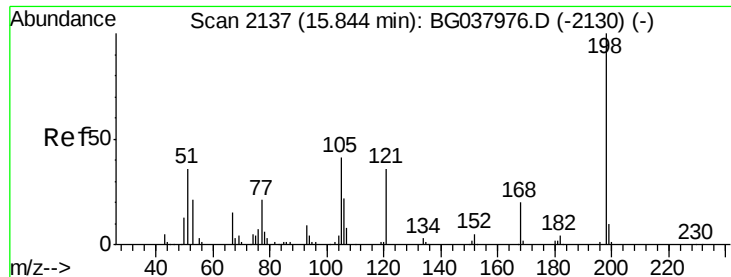
Tot Ion: 77 Resp: 315601
Ion Ratio Lower Upper
77 100
182 28.1 8.0 48.0
105 21.2 1.3 41.3
51 31.0 10.7 50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

Tgt Ion: 188 Resp: 253028
Ion Ratio Lower Upper
188 100
94 8.1 7.2 10.8
80 9.9 7.7 11.5

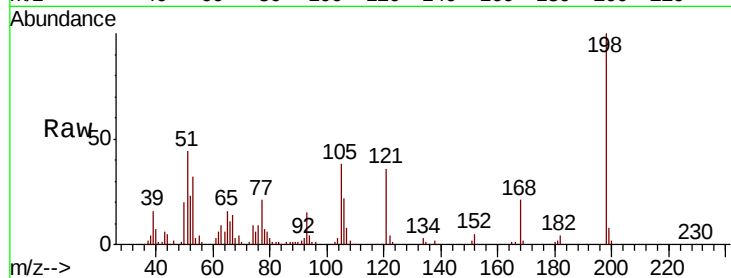




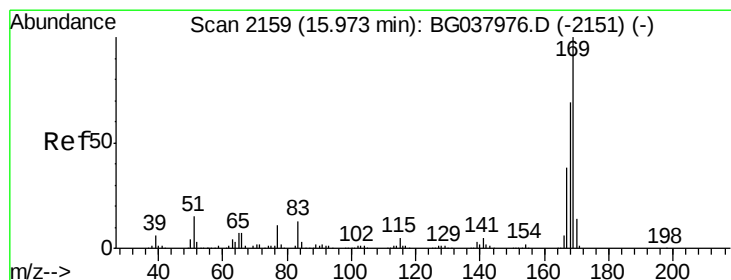
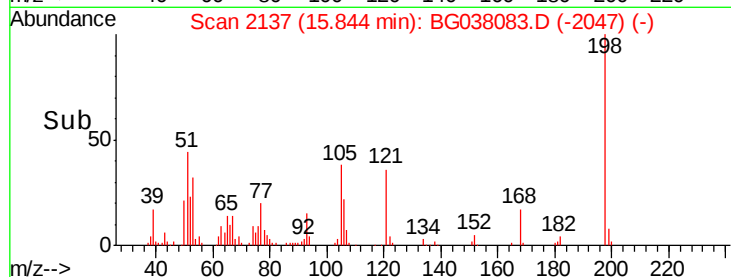
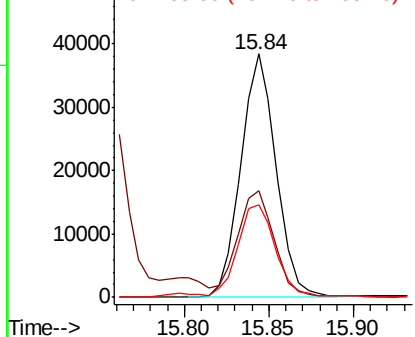
#65
4,6-Dinitro-2-methylphenol
Concen: 34.954 ng
RT: 15.84 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

Instrument :
BNA_G
ClientSampleId :
PB114959BS

Tot Ion:198 Resp: 55941
Ion Ratio Lower Upper
198 100
51 43.9 22.7 62.7
105 38.0 19.7 59.7

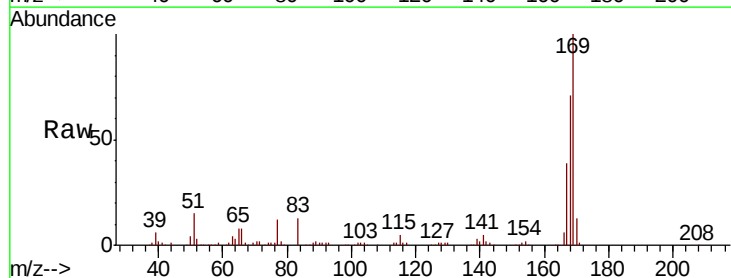


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

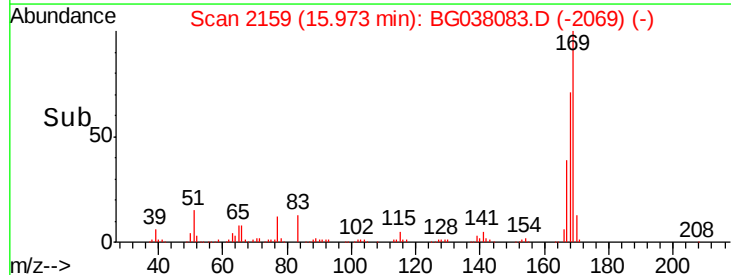
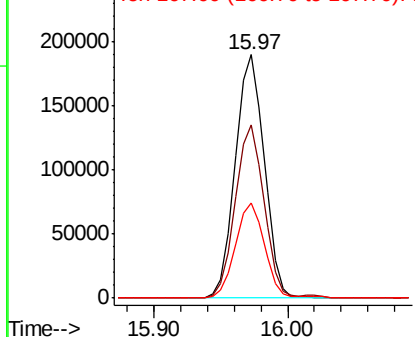


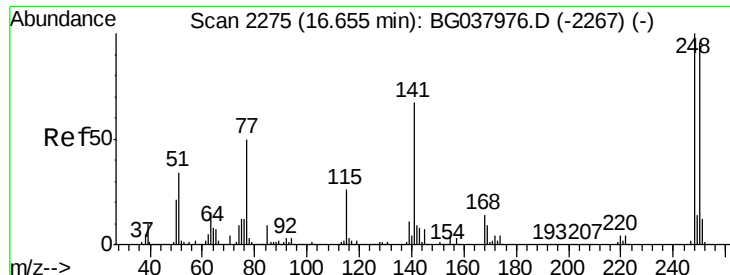
#66
n-Nitrosodiphenylamine
Concen: 37.432 ng
RT: 15.97 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

Tgt Ion:169 Resp: 286536
Ion Ratio Lower Upper
169 100
168 71.0 55.7 83.5
167 39.2 31.3 46.9



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

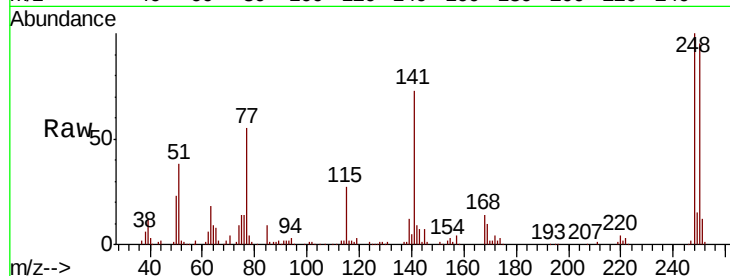




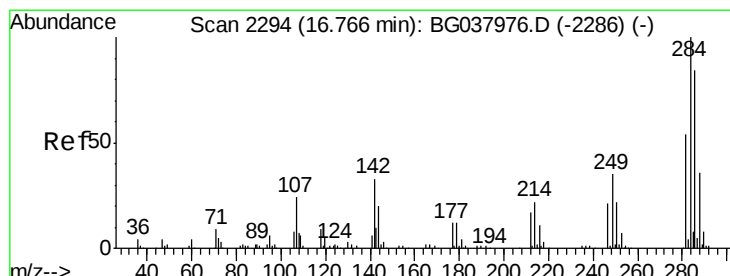
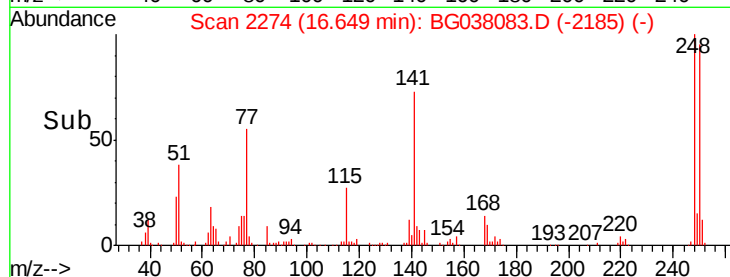
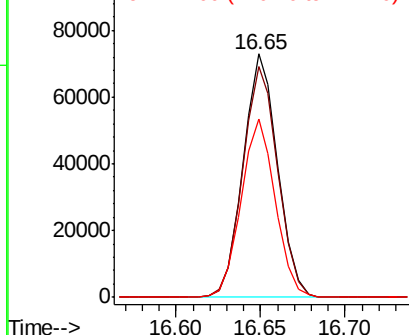
#67
4-Bromophenyl-phenylether
Concen: 37.109 ng
RT: 16.65 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

Instrument :
BNA_G
ClientSampleId :
PB114959BS

Tot Ion:248 Resp: 103058
Ion Ratio Lower Upper
248 100
250 94.6 77.0 115.6
141 73.3 55.5 83.3

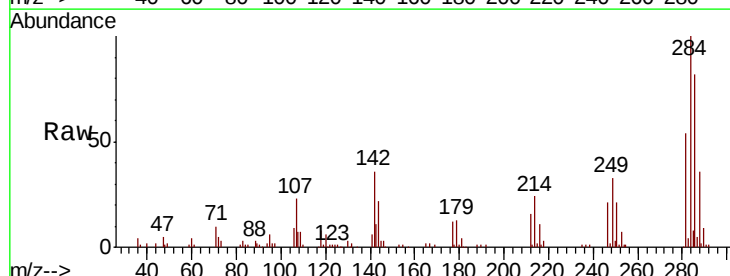


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

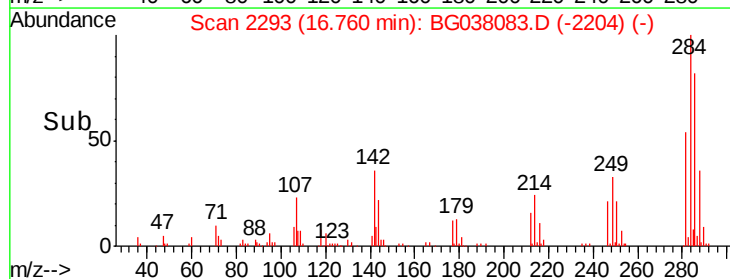
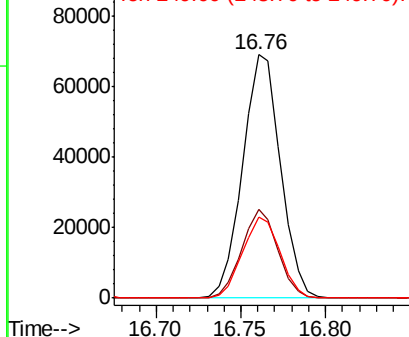


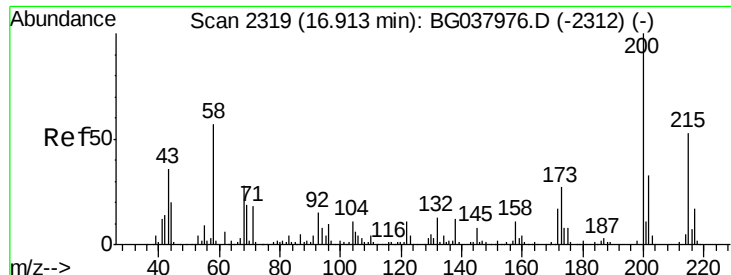
#68
Hexachlorobenzene
Concen: 37.516 ng
RT: 16.76 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

Tgt Ion:284 Resp: 107543
Ion Ratio Lower Upper
284 100
142 36.5 28.1 42.1
249 36.2 29.8 44.8



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

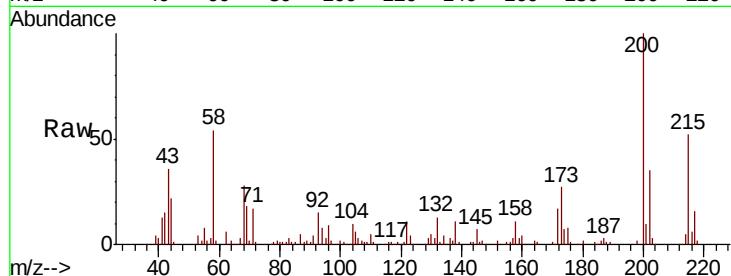




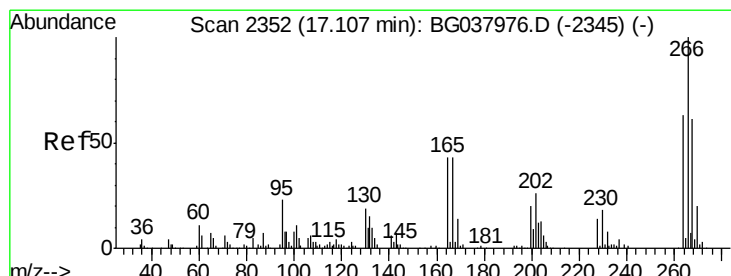
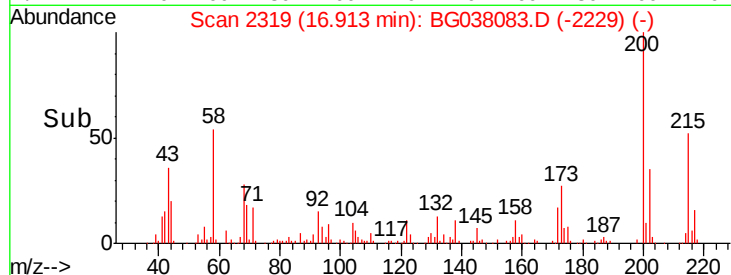
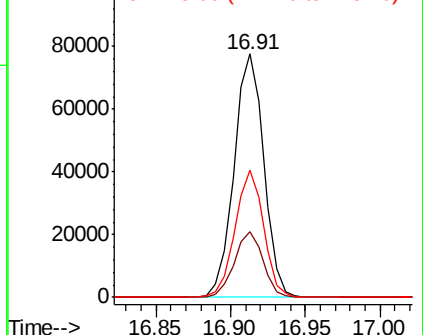
#69
 Atrazine
 Concen: 38.191 ng
 RT: 16.91 min Scan# 2319
 Delta R.T. -0.00 min
 Lab File: BG038083.D
 Acq: 20 Nov 2018 13:30

Instrument :
 BNA_G
 ClientSampleId :
 PB114959BS

Tot Ion:200 Resp: 107769
 Ion Ratio Lower Upper
 200 100
 173 27.0 6.1 46.1
 215 52.3 30.8 70.8

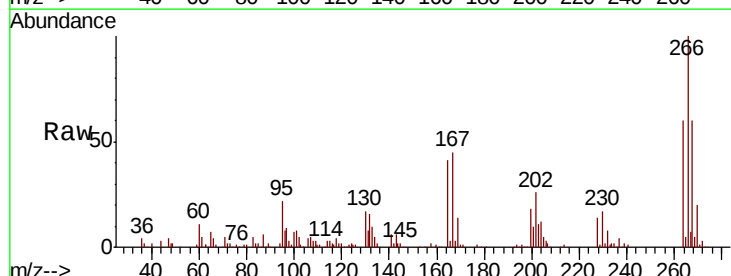


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

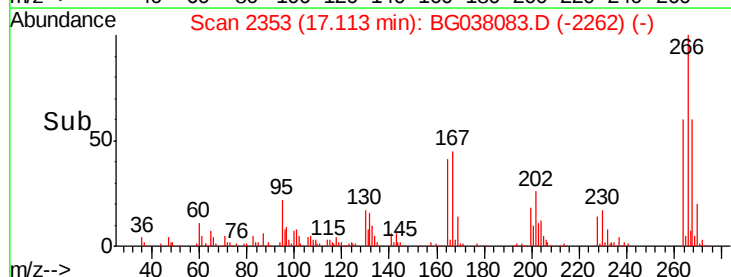
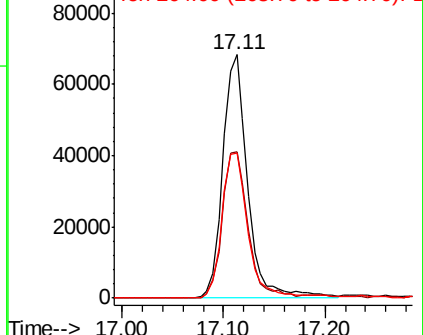


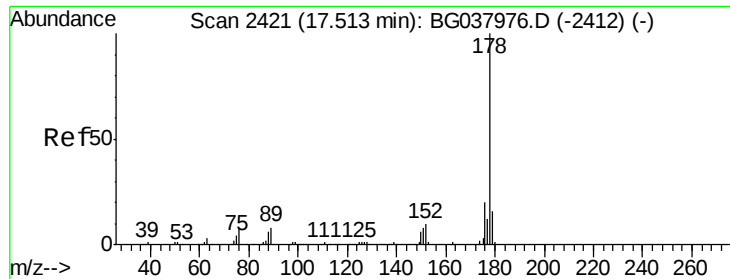
#70
 Pentachlorophenol
 Concen: 59.798 ng
 RT: 17.11 min Scan# 2353
 Delta R.T. 0.01 min
 Lab File: BG038083.D
 Acq: 20 Nov 2018 13:30

Tgt Ion:266 Resp: 116421
 Ion Ratio Lower Upper
 266 100
 268 65.0 55.0 82.6
 264 59.6 58.9 88.3



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: 41.295 ng

RT: 17.51 min Scan# 2421

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Instrument :

BNA_G

ClientSampleId :

PB114959BS

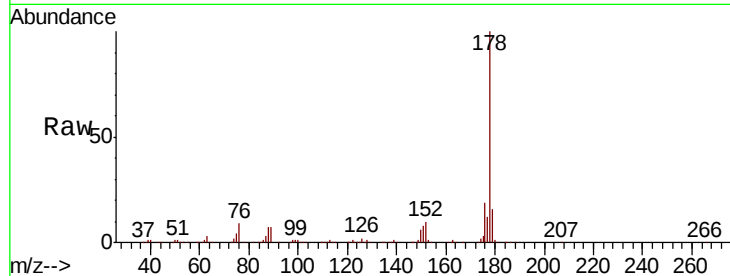
Tot Ion:178 Resp: 534958

Ion Ratio Lower Upper

178 100

176 19.3 16.1 24.1

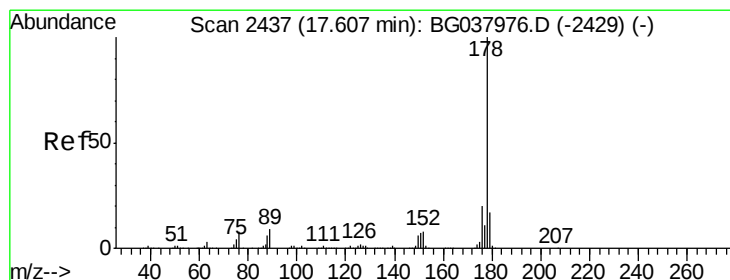
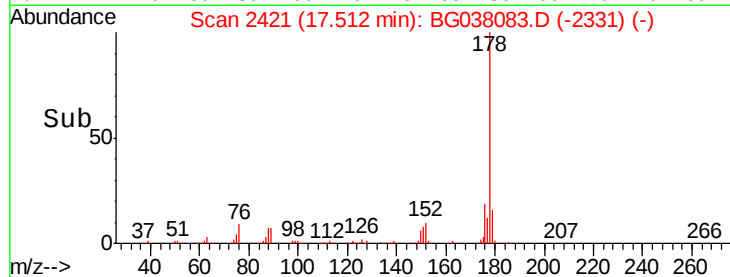
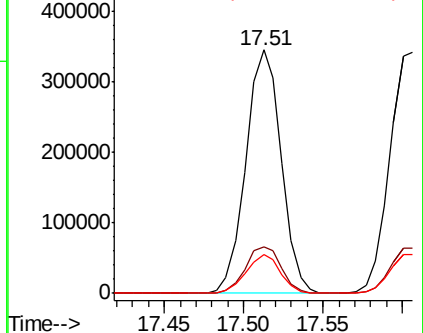
179 15.9 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.465 ng

RT: 17.61 min Scan# 2437

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

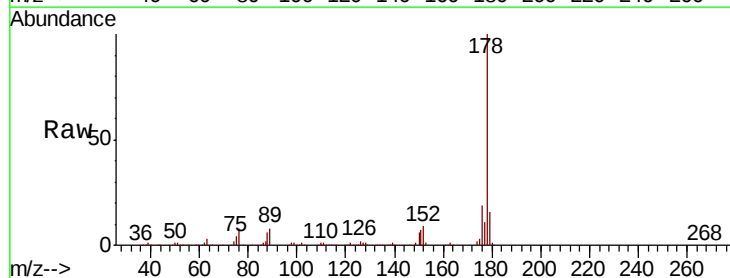
Tgt Ion:178 Resp: 542271

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

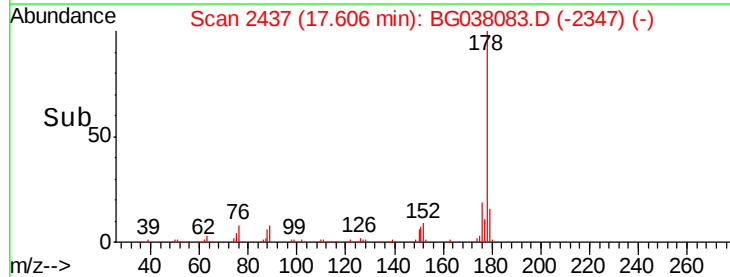
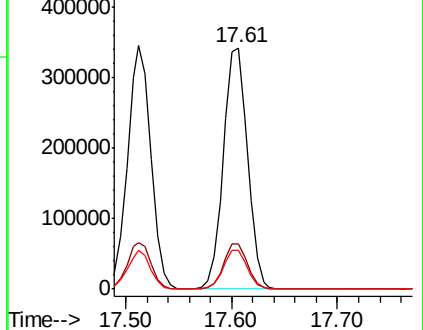
179 16.1 12.8 19.2

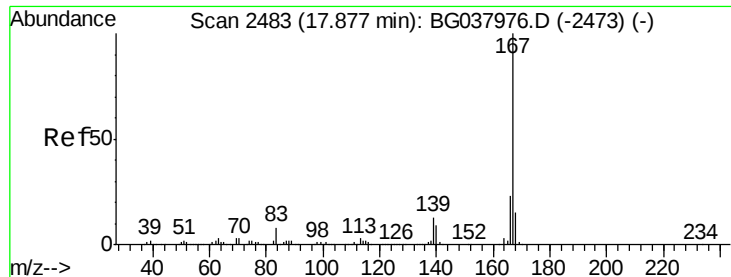


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 38.492 ng

RT: 17.88 min Scan# 2483

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Instrument :

BNA_G

ClientSampleId :

PB114959BS

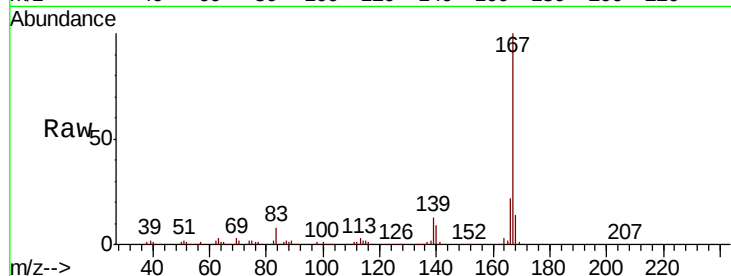
Tot Ion:167 Resp: 493161

Ion Ratio Lower Upper

167 100

166 22.2 18.3 27.5

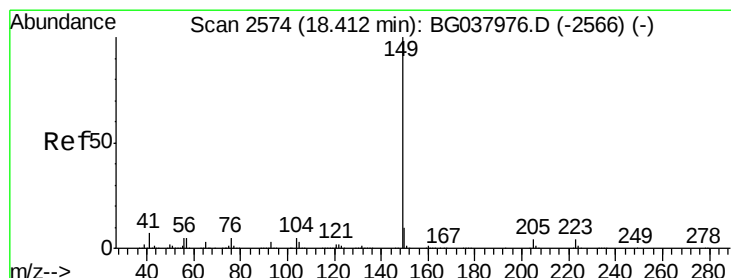
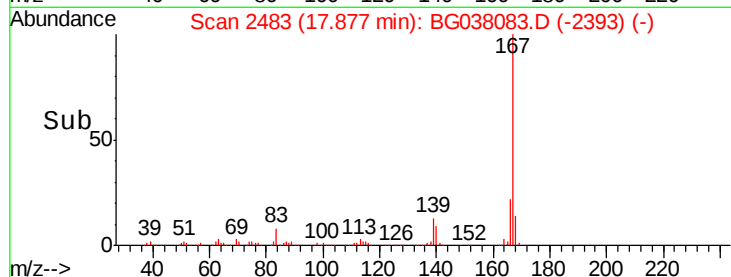
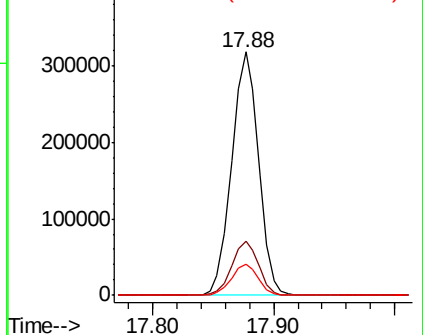
139 12.6 10.5 15.7



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: 40.591 ng

RT: 18.41 min Scan# 2574

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

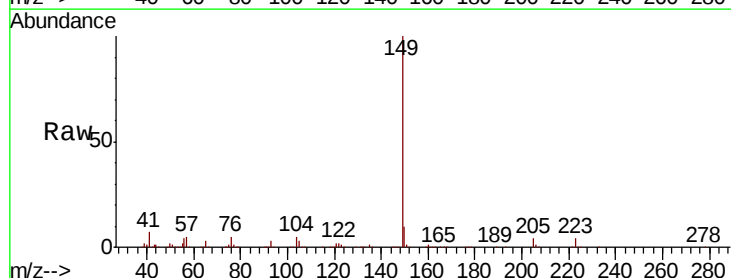
Tgt Ion:149 Resp: 583779

Ion Ratio Lower Upper

149 100

150 9.5 8.2 12.2

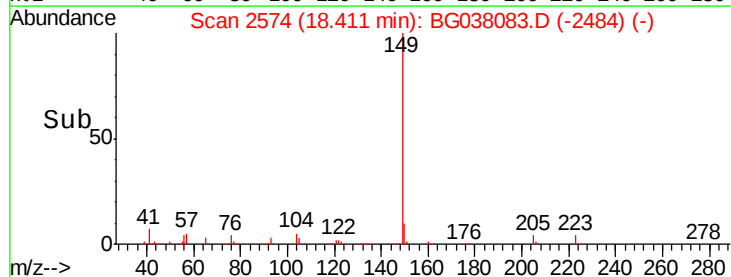
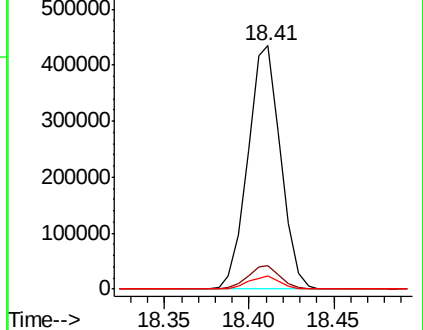
104 5.2 4.0 6.0

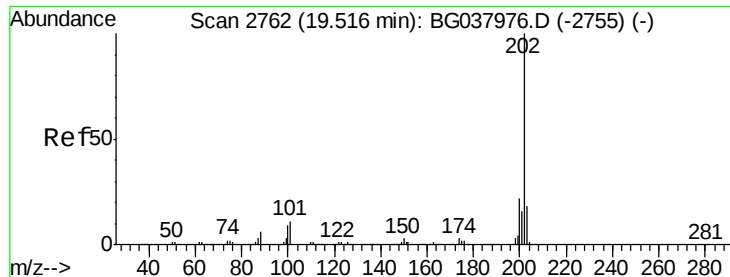


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.605 ng

RT: 19.52 min Scan# 2762

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Instrument :

BNA_G

ClientSampleId :

PB114959BS

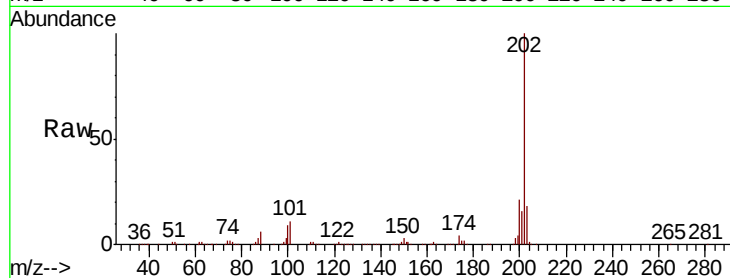
Tot Ion:202 Resp: 629719

Ion Ratio Lower Upper

202 100

101 10.7 0.0 30.7

203 18.3 0.0 38.5

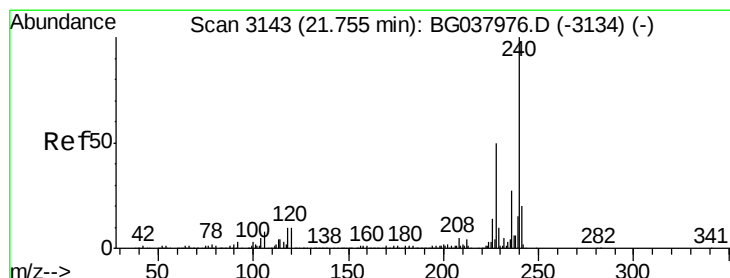
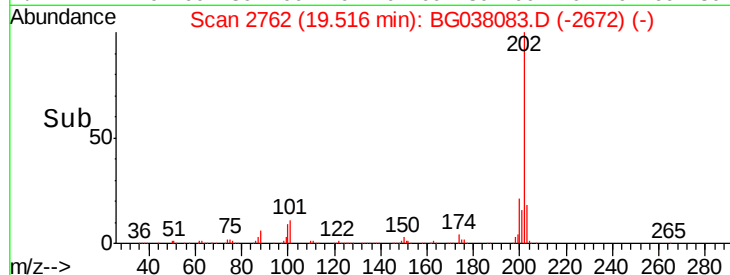
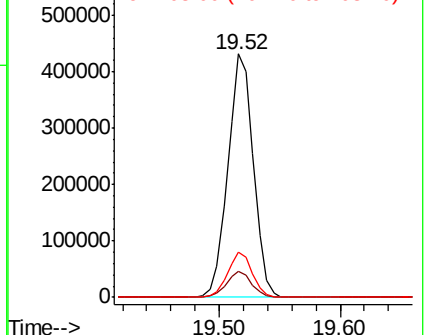


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

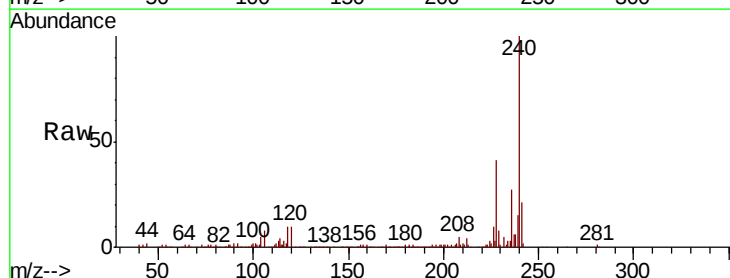
Tgt Ion:240 Resp: 240944

Ion Ratio Lower Upper

240 100

120 9.9 8.1 12.1

236 27.5 21.4 32.0

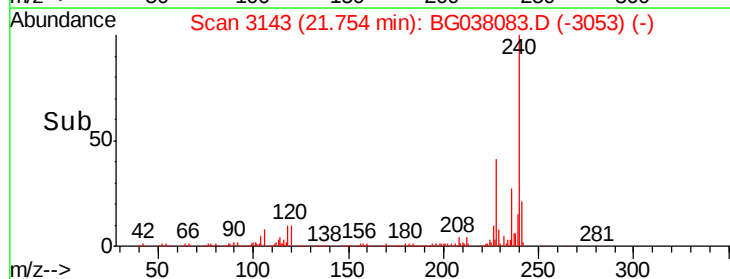
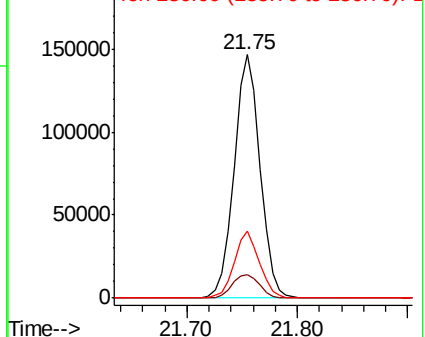


Abundance

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: 35.259 ng

RT: 19.70 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Instrument :

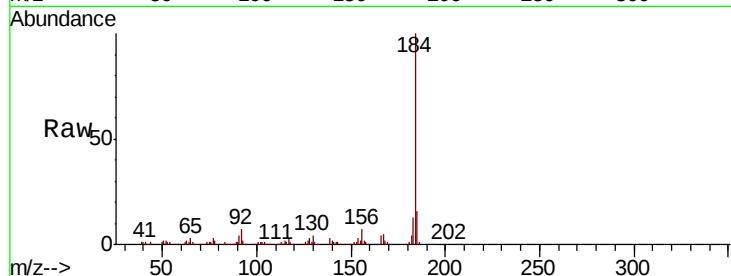
BNA_G

ClientSampleId :

PB114959BS

Tot Ion:184 Resp: 298101

Ion	Ratio	Lower	Upper
184	100		
185	16.4	12.6	18.8
183	12.7	10.2	15.2

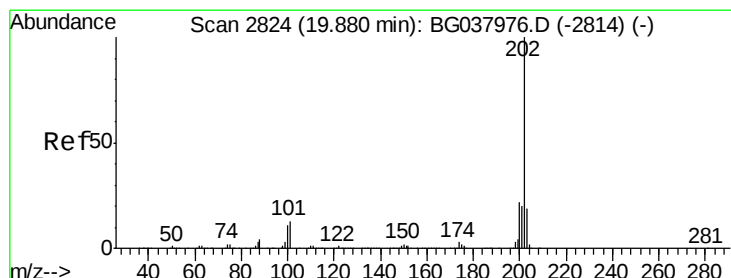
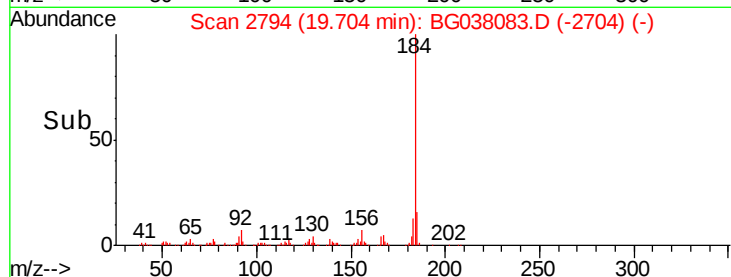
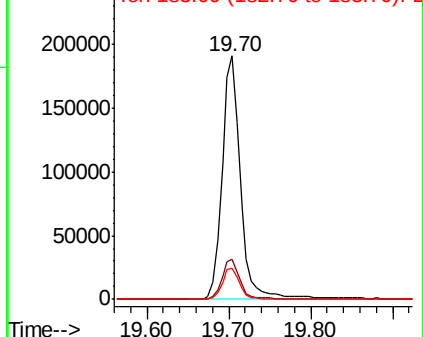


Abundance

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: 40.400 ng

RT: 19.88 min Scan# 2824

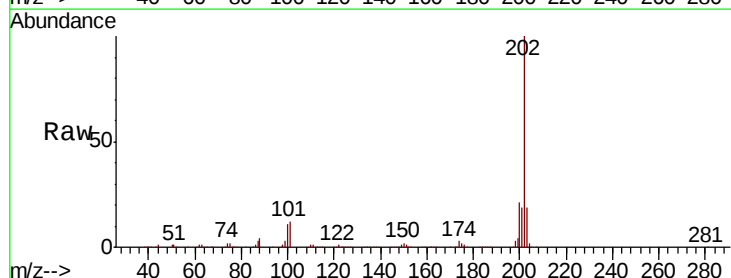
Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Tgt Ion:202 Resp: 636421

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.8	26.6
203	18.6	15.2	22.8

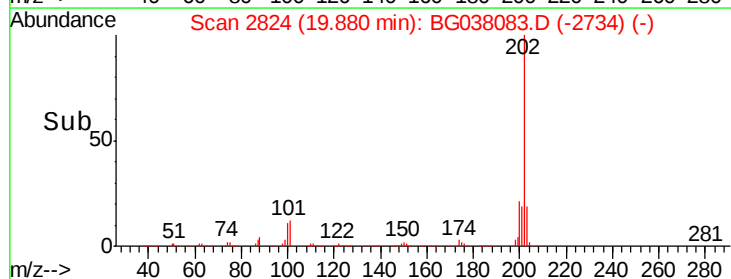
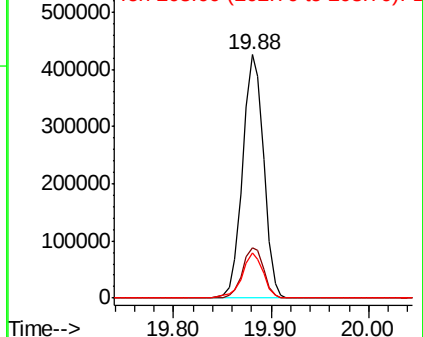


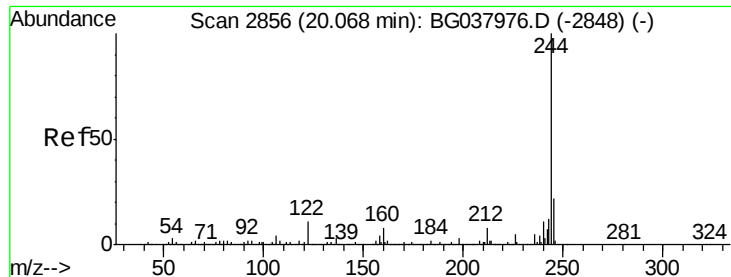
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.275 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Instrument :

BNA_G

ClientSampleId :

PB114959BS

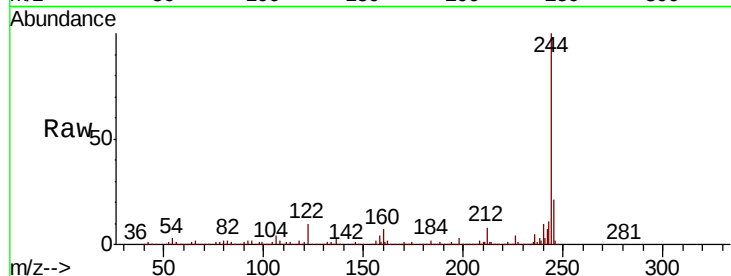
Tot Ion:244 Resp: 740082

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

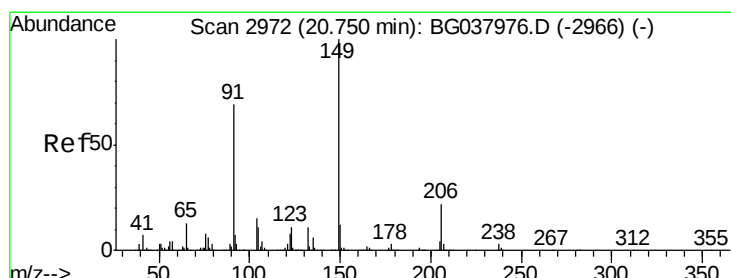
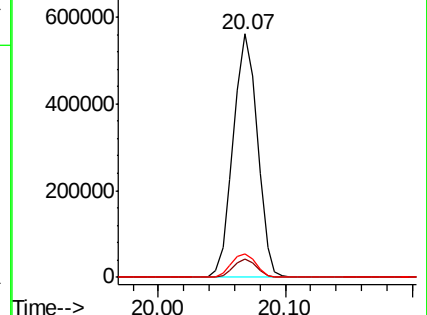
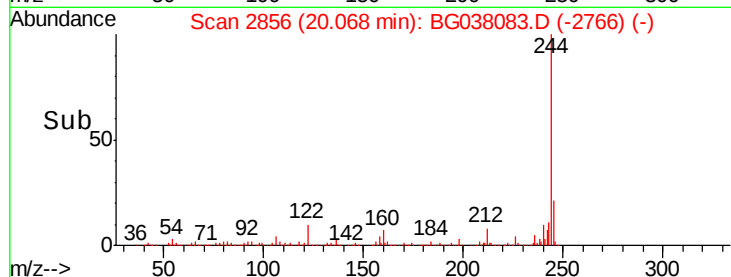
122 9.9 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.377 ng

RT: 20.75 min Scan# 2972

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

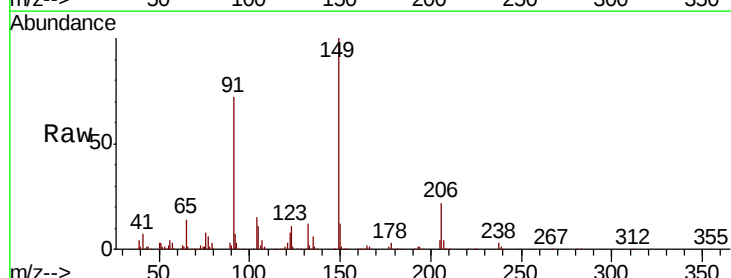
Tgt Ion:149 Resp: 271268

Ion Ratio Lower Upper

149 100

91 71.6 57.0 85.4

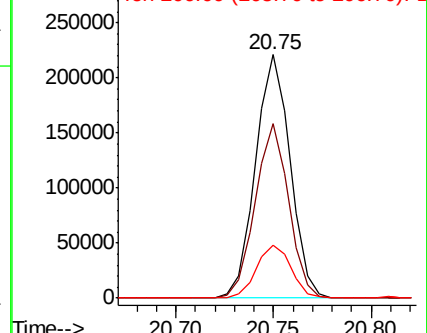
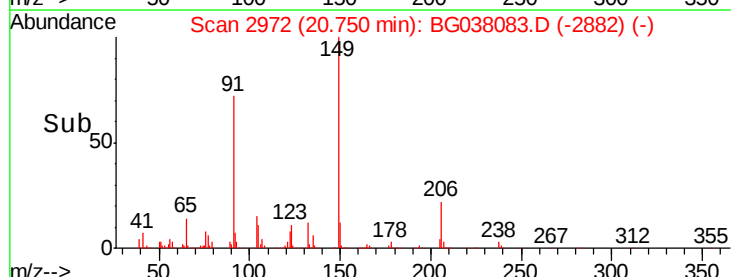
206 21.7 17.8 26.6

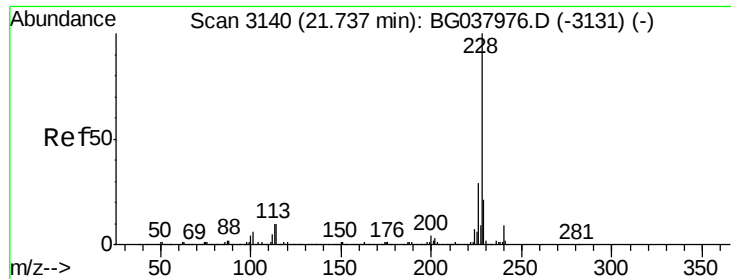


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.271 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Instrument :

BNA_G

ClientSampleId :

PB114959BS

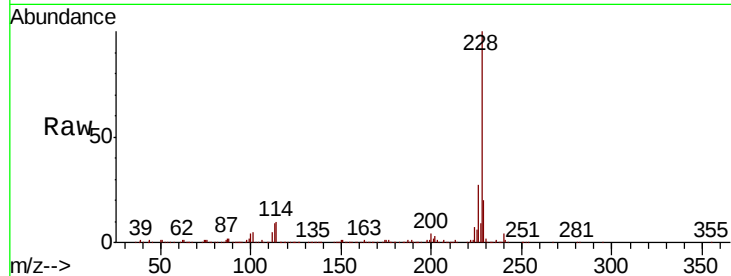
Tot Ion:228 Resp: 600930

Ion Ratio Lower Upper

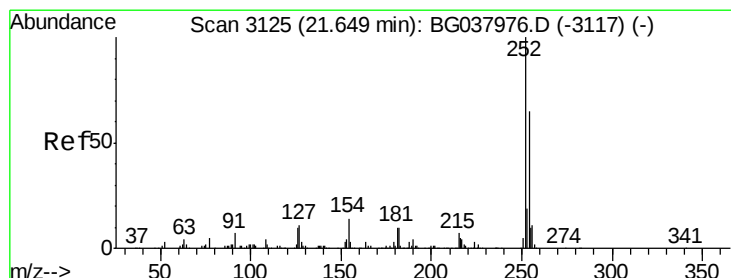
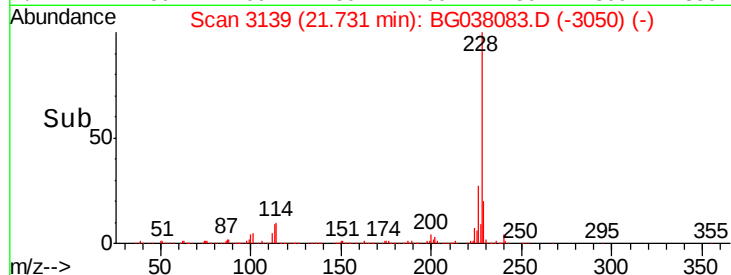
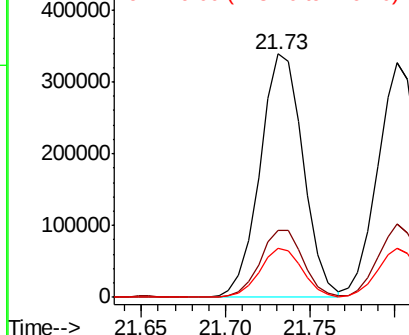
228 100

226 27.4 22.6 33.8

229 20.3 16.3 24.5



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



#82

3,3'-Dichlorobenzidine

Concen: 29.811 ng

RT: 21.65 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

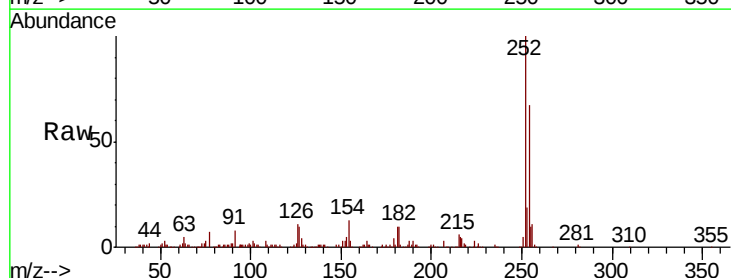
Tgt Ion:252 Resp: 169081

Ion Ratio Lower Upper

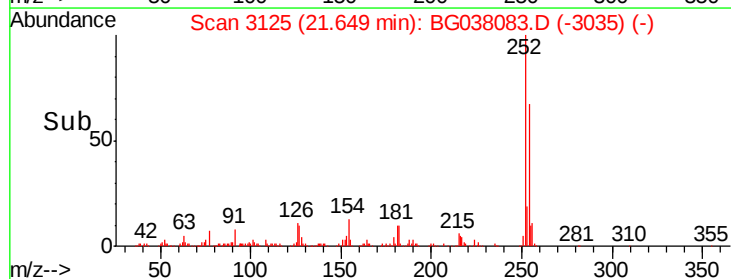
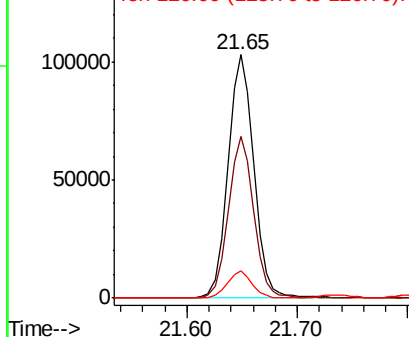
252 100

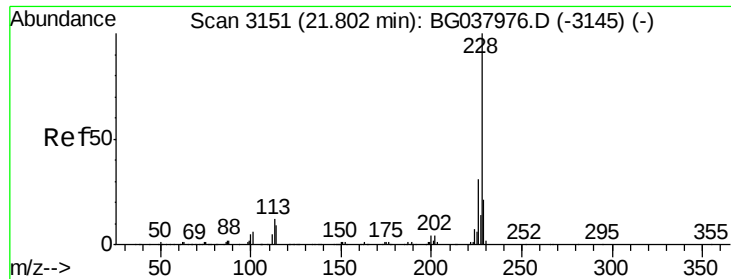
254 66.5 52.0 78.0

126 11.2 8.2 12.4



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

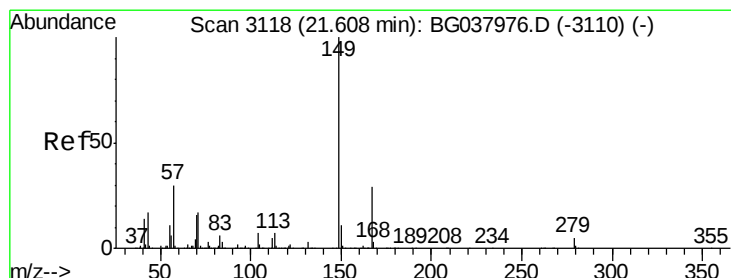
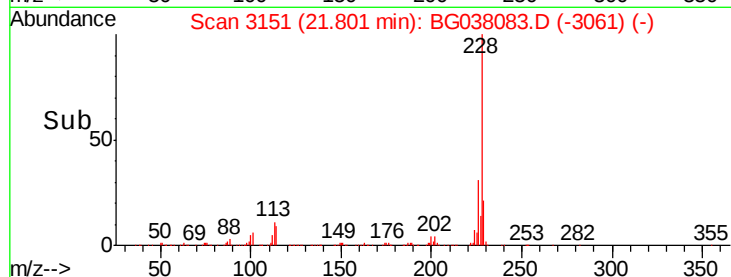
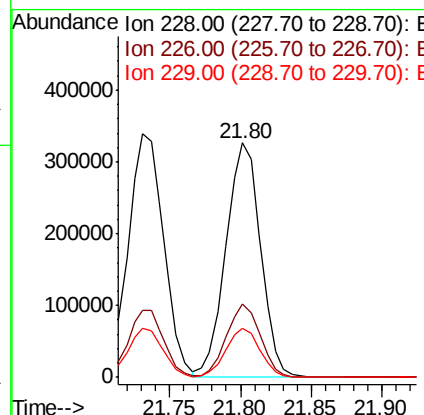
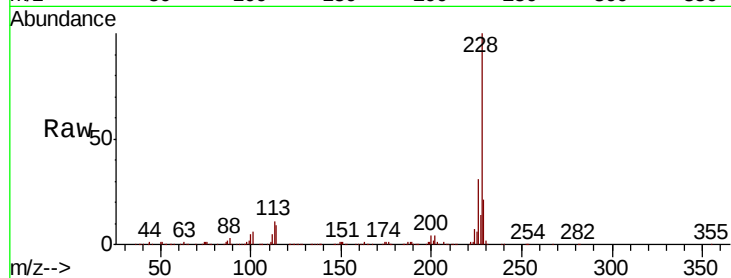




#83
Chrysene
Concen: 39.954 ng
RT: 21.80 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

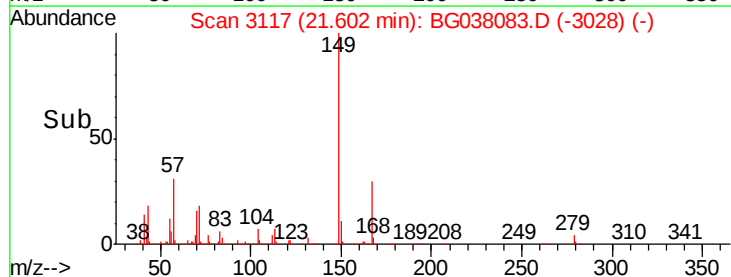
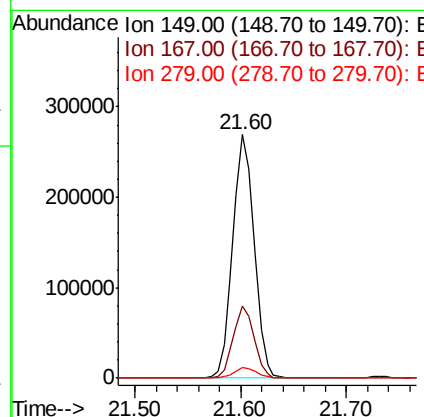
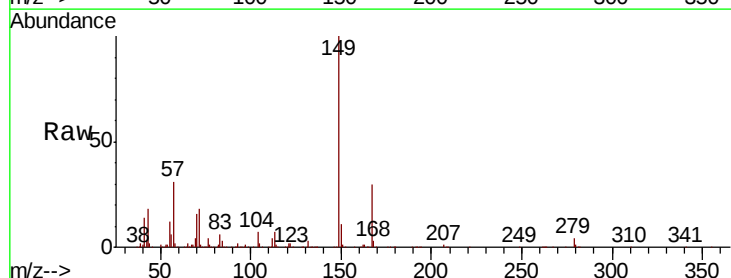
Instrument :
BNA_G
ClientSampleId :
PB114959BS

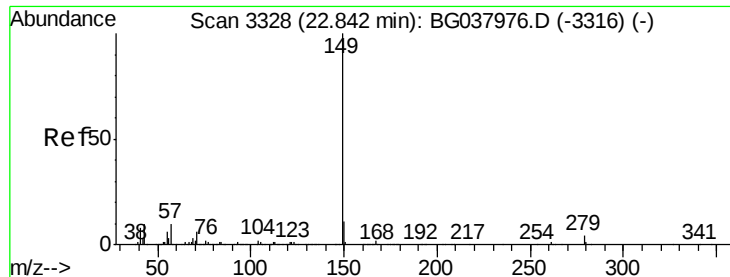
Tot Ion:228 Resp: 556604
Ion Ratio Lower Upper
228 100
226 31.1 25.7 38.5
229 21.0 16.5 24.7



#84
Bis(2-ethylhexyl)phthalate
Concen: 38.314 ng
RT: 21.60 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BG038083.D
Acq: 20 Nov 2018 13:30

Tgt Ion:149 Resp: 376420
Ion Ratio Lower Upper
149 100
167 29.8 23.0 34.4
279 4.2 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 40.910 ng

RT: 22.84 min Scan# 3328

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Instrument :

BNA_G

ClientSampleId :

PB114959BS

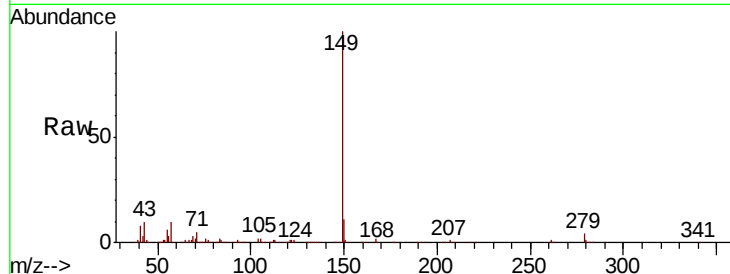
Tot Ion:149 Resp: 650228

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

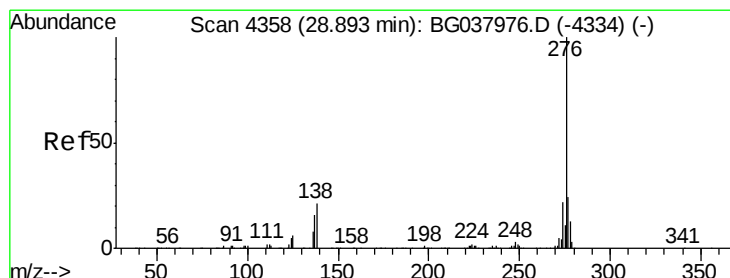
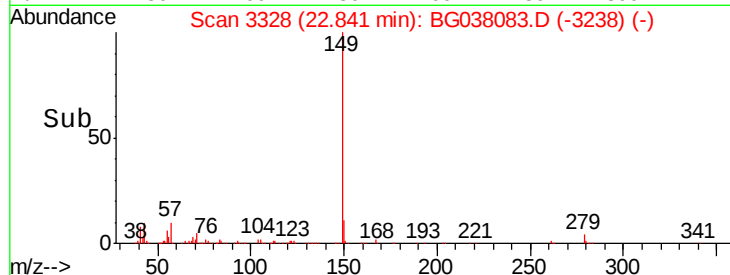
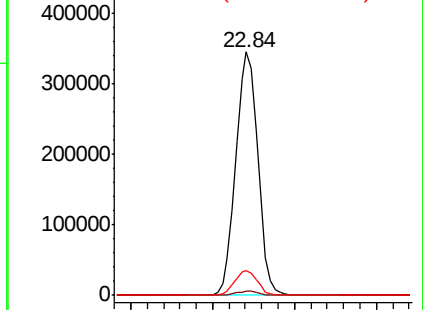
43 10.3 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.322 ng

RT: 28.88 min Scan# 4356

Delta R.T. -0.01 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

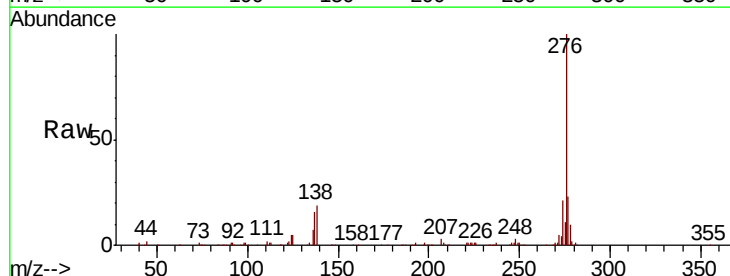
Tgt Ion:276 Resp: 639356

Ion Ratio Lower Upper

276 100

138 14.5 12.0 18.0

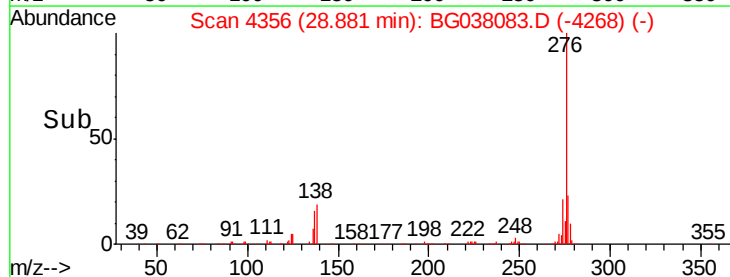
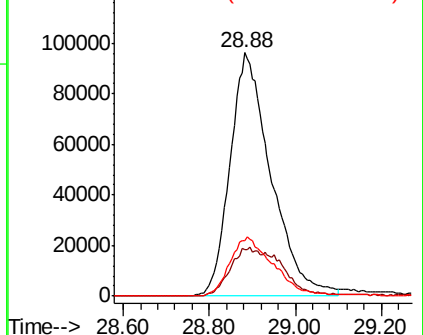
277 25.6 20.6 30.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Instrument :

BNA_G

ClientSampleId :

PB114959BS

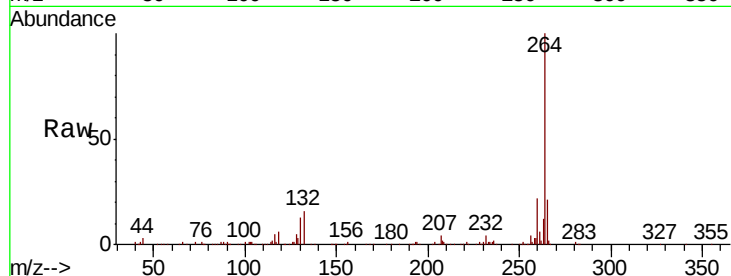
Tot Ion:264 Resp: 247673

Ion Ratio Lower Upper

264 100

260 21.8 18.2 27.4

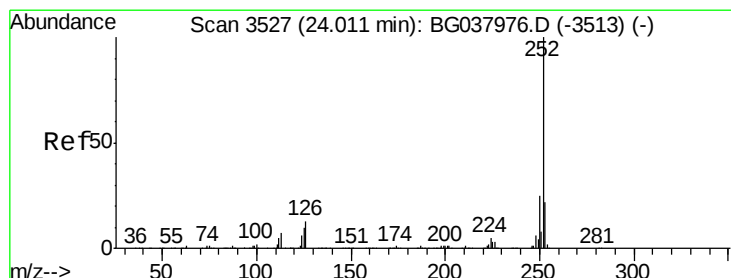
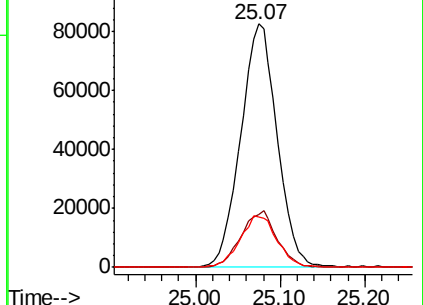
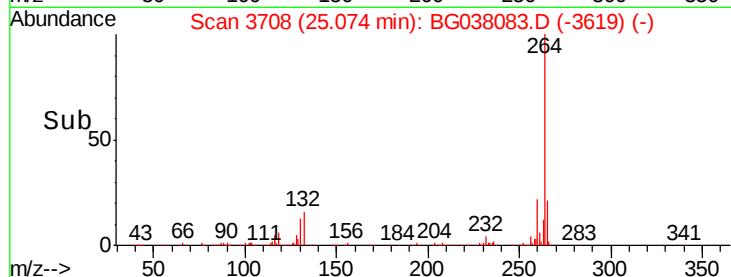
265 20.9 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.738 ng

RT: 24.01 min Scan# 3527

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

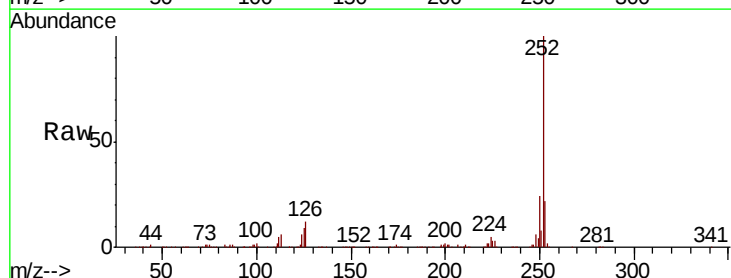
Tgt Ion:252 Resp: 582506

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

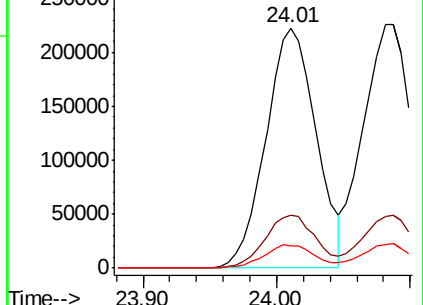
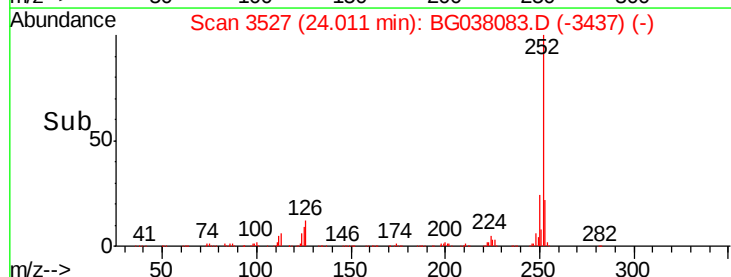
125 9.2 7.8 11.6

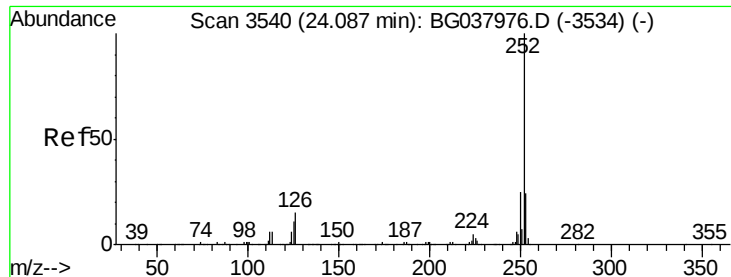


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 42.775 ng

RT: 24.09 min Scan# 3540

Delta R.T. -0.00 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Instrument :

BNA_G

ClientSampleId :

PB114959BS

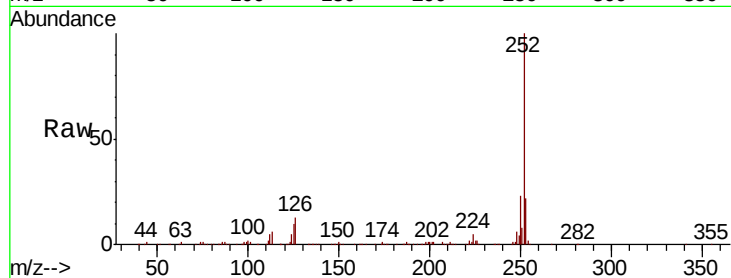
Tot Ion:252 Resp: 575282

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

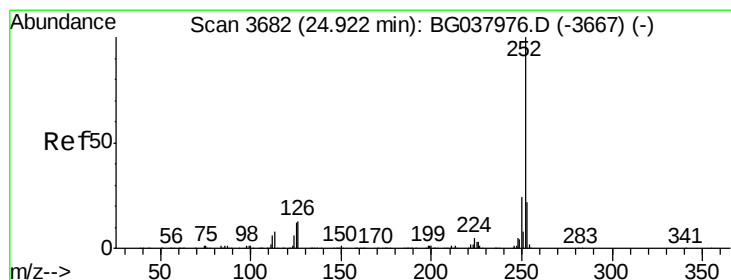
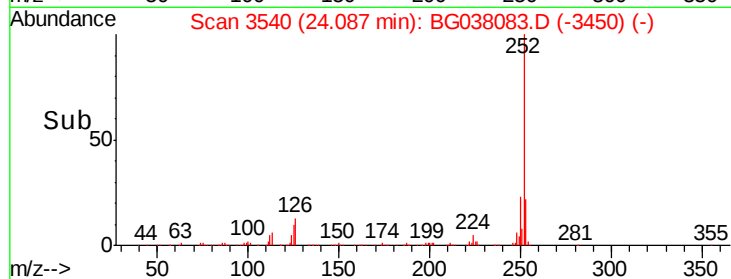
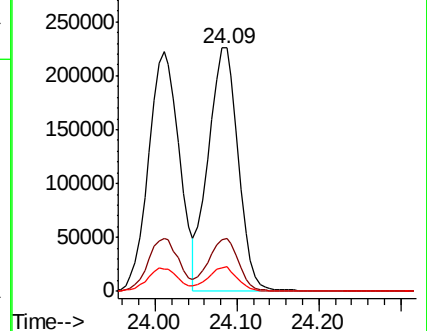
125 10.1 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 43.898 ng

RT: 24.92 min Scan# 3681

Delta R.T. -0.01 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

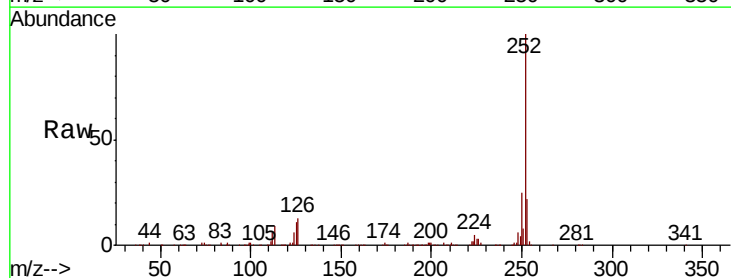
Tgt Ion:252 Resp: 571793

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

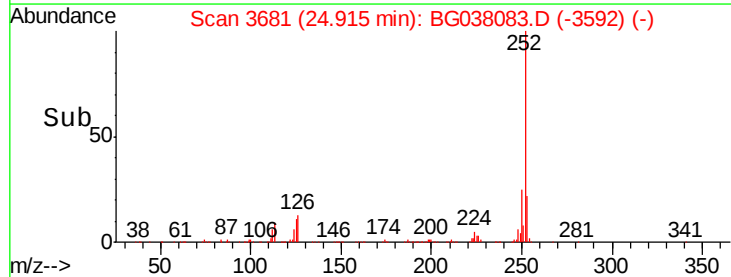
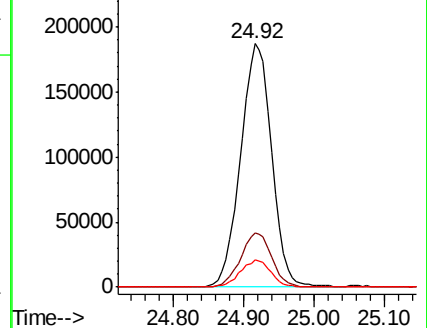
125 11.3 9.0 13.6

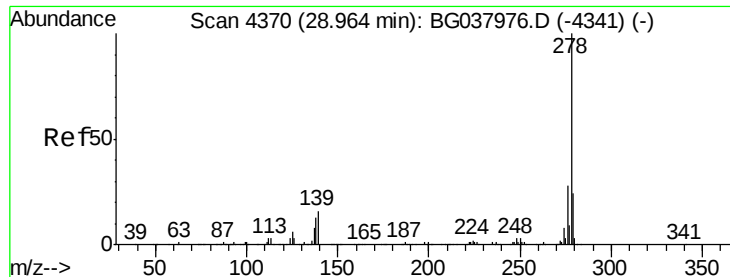


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 41.892 ng

RT: 28.95 min Scan# 4368

Delta R.T. -0.01 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

Instrument :

BNA_G

ClientSampleId :

PB114959BS

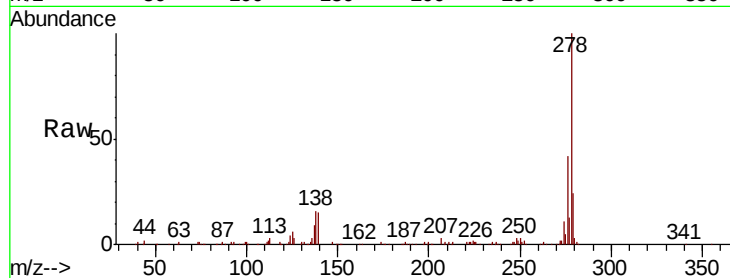
Tot Ion:278 Resp: 525030

Ion Ratio Lower Upper

278 100

139 15.2 11.5 17.3

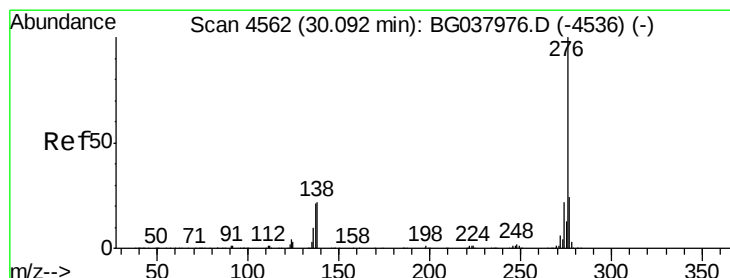
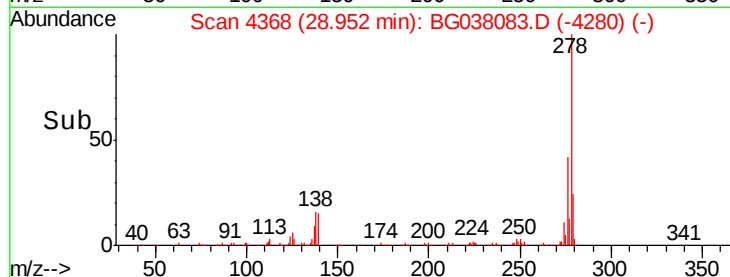
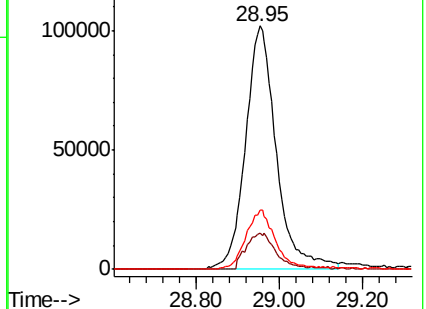
279 24.4 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.293 ng

RT: 30.09 min Scan# 4561

Delta R.T. -0.01 min

Lab File: BG038083.D

Acq: 20 Nov 2018 13:30

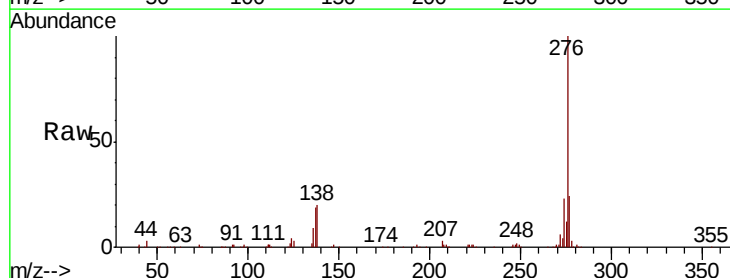
Tgt Ion:276 Resp: 514577

Ion Ratio Lower Upper

276 100

277 24.2 18.9 28.3

138 20.3 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

