

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122618\
 Data File : BG038835.D
 Acq On : 26 Dec 2018 18:11
 Operator : JU/SJ
 Sample : J6482-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 R20-OSMSD

Quant Time: Dec 27 00:16:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	25091	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	109136	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	78059	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	195382	20.00	ng	0.00
76) Chrysene-d12	21.73	240	198682	20.00	ng	0.00
87) Perylene-d12	25.02	264	213058	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	191540	135.40	ng	0.00
7) Phenol-d6	7.22	99	252731	130.14	ng	0.01
23) Nitrobenzene-d5	9.24	82	184681	86.45	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	187243	174.05	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	513704	90.28	ng	0.00
79) Terphenyl-d14	20.04	244	936059	102.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	16859	25.606	ng	# 32
3) Pyridine	3.91	79	37302	20.578	ng	94
4) n-Nitrosodimethylamine	3.82	42	29651	33.383	ng	90
6) Aniline	7.39	93	24165	9.747	ng	98
8) 2-Chlorophenol	7.62	128	72421	44.238	ng	92
9) Benzaldehyde	7.20	77	39967	31.724	ng	97
10) Phenol	7.25	94	77903	37.758	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	59085	35.969	ng	93
12) 1,3-Dichlorobenzene	7.94	146	70680	36.515	ng	96
13) 1,4-Dichlorobenzene	8.09	146	72270	36.455	ng	99
14) 1,2-Dichlorobenzene	8.41	146	71330	38.166	ng	98
15) Benzyl Alcohol	8.30	79	67462	44.505	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	122903	32.662	ng	99
17) 2-Methylphenol	8.50	107	62583	45.273	ng	98
18) Hexachloroethane	9.13	117	25908	35.765	ng	92
19) n-Nitroso-di-n-propylamine	8.86	70	52581	38.550	ng	97
20) 3+4-Methylphenols	8.83	107	85674	44.877	ng	95
22) Acetophenone	8.89	105	107883	39.576	ng	# 96
24) Nitrobenzene	9.28	77	81078	37.517	ng	97
25) Isophorone	9.79	82	159273	41.496	ng	98
26) 2-Nitrophenol	9.99	139	43261	39.111	ng	92
27) 2,4-Dimethylphenol	10.04	122	74325	46.886	ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	86541	39.953	ng	98
29) 2,4-Dichlorophenol	10.52	162	88103	49.958	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	84856	39.835	ng	96
31) Naphthalene	10.92	128	227928	42.388	ng	99
32) Benzoic acid	10.20	122	46767	46.775	ng	93
33) 4-Chloroaniline	11.05	127	7344	3.146	ng	94
34) Hexachlorobutadiene	11.18	225	55572	38.554	ng	97
35) Caprolactam	11.85	113	21648	29.662	ng	# 74
36) 4-Chloro-3-methylphenol	12.16	107	92400	45.913	ng	93
37) 2-Methylnaphthalene	12.53	142	177835	46.357	ng	98
38) 1-Methylnaphthalene	12.74	142	170607	45.831	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	112111	38.423	ng	98

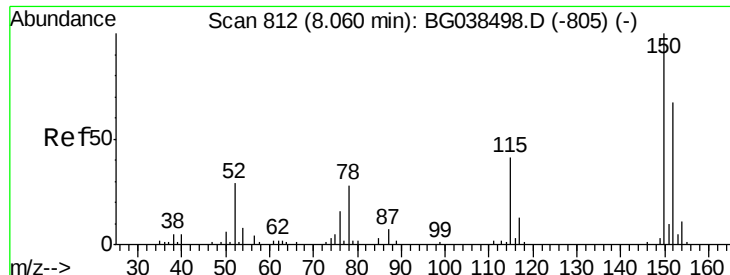
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122618\
 Data File : BG038835.D
 Acq On : 26 Dec 2018 18:11
 Operator : JU/SJ
 Sample : J6482-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 R20-OSMSD

Quant Time: Dec 27 00:16:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	126190	78.719	nq	91
43) 2,4,6-Trichlorophenol	13.13	196	83882	46.755	nq	99
44) 2,4,5-Trichlorophenol	13.21	196	93557	49.253	nq	97
46) 1,1'-Biphenyl	13.53	154	246941	37.736	nq	99
47) 2-Chloronaphthalene	13.57	162	200385	39.643	nq	98
48) 2-Nitroaniline	13.79	65	63832	39.645	nq	92
49) Acenaphthylene	14.42	152	327238	43.304	nq	100
50) Dimethylphthalate	14.14	163	276133	43.318	nq	99
51) 2,6-Dinitrotoluene	14.28	165	62206	43.062	nq	93
52) Acenaphthene	14.76	154	186149	41.196	nq	98
53) 3-Nitroaniline	14.62	138	15296	10.387	nq	87
54) 2,4-Dinitrophenol	14.82	184	89676	102.755	nq	97
55) Dibenzofuran	15.10	168	324202	41.856	nq	98
56) 4-Nitrophenol	14.93	139	87603	78.417	nq	97
57) 2,4-Dinitrotoluene	15.07	165	87833	43.169	nq	94
58) Fluorene	15.74	166	259298	45.185	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	85930	50.282	nq	95
60) Diethylphthalate	15.50	149	277902	39.712	nq	98
61) 4-Chlorophenyl-phenylether	15.72	204	150904	42.146	nq	99
62) 4-Nitroaniline	15.78	138	51405	33.907	nq	94
63) Azobenzene	16.02	77	218286	37.340	nq	97
65) 4,6-Dinitro-2-methylphenol	15.82	198	60268	43.241	nq	92
66) n-Nitrosodiphenylamine	15.95	169	241565	42.079	nq	97
67) 4-Bromophenyl-phenylether	16.62	248	99709	41.786	nq	95
68) Hexachlorobenzene	16.74	284	104496	42.246	nq	97
69) Atrazine	16.89	200	94970	44.577	nq	97
70) Pentachlorophenol	17.09	266	133460	91.219	nq	97
71) Phenanthrene	17.49	178	441722	43.597	nq	100
72) Anthracene	17.58	178	444223	44.412	nq	98
73) Carbazole	17.86	167	395238	39.955	nq	98
74) Di-n-butylphthalate	18.38	149	452384	39.855	nq	100
75) Fluoranthene	19.50	202	530014	42.280	nq	97
78) Pyrene	19.86	202	529955	40.376	nq	99
80) Butylbenzylphthalate	20.72	149	198082	38.628	nq	99
81) Benzo(a)anthracene	21.70	228	532374	43.974	nq	98
83) Chrysene	21.78	228	497168	42.635	nq	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	275584	37.892	nq	96
85) Di-n-octyl phthalate	22.79	149	472610	38.801	nq	98
86) Indeno(1,2,3-cd)pyrene	28.82	276	635257	46.337	nq	# 74
88) Benzo(b)fluoranthene	23.97	252	517243	44.217	nq	99
89) Benzo(k)fluoranthene	23.97	252	517243	44.404	nq	98
90) Benzo(a)pyrene	24.87	252	507329	44.955	nq	# 96
91) Dibenzo(a,h)anthracene	28.87	278	533513	47.480	nq	98
92) Benzo(q,h,i)perylene	30.01	276	529390	47.807	nq	# 97

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

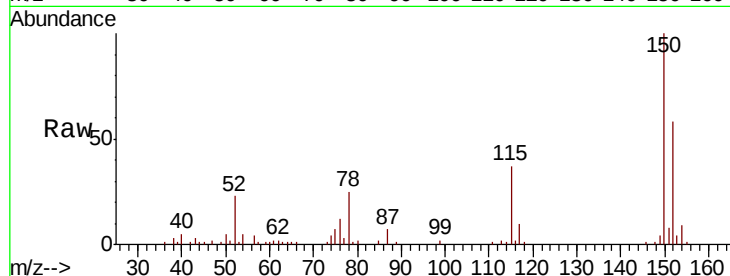


#1

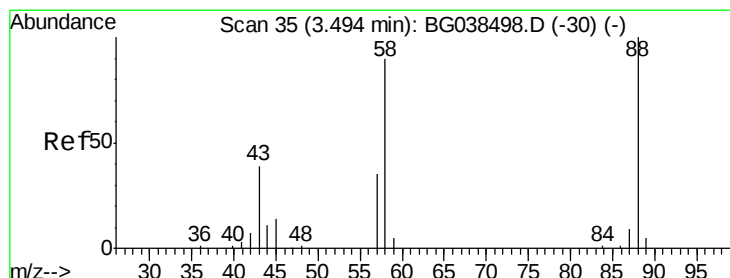
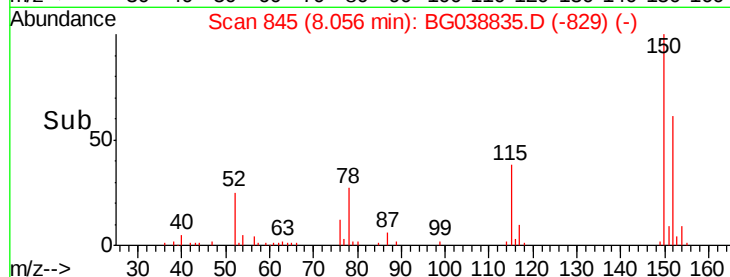
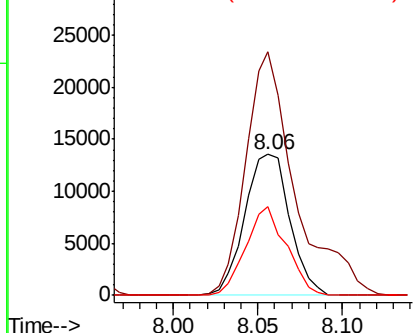
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Instrument :
BNA_G
ClientSampleId :
R20-OSMSD

Tot Ion:152 Resp: 25091
Ion Ratio Lower Upper
152 100
150 173.0 119.5 179.3
115 63.2 49.6 74.4



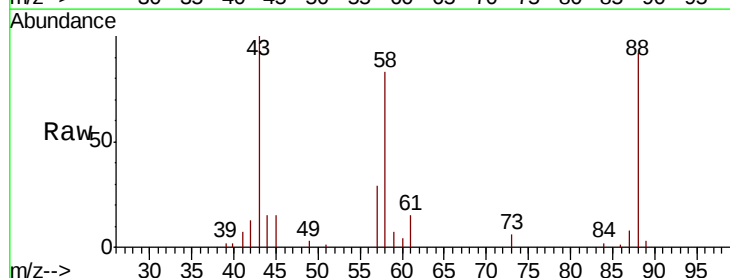
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



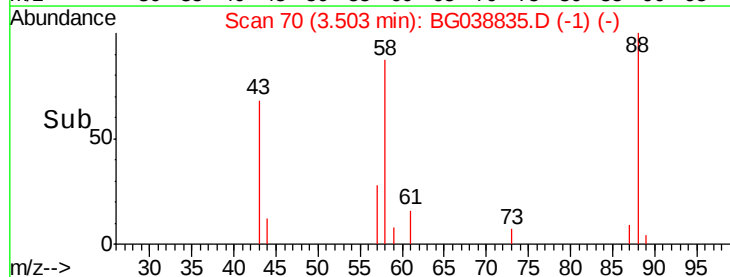
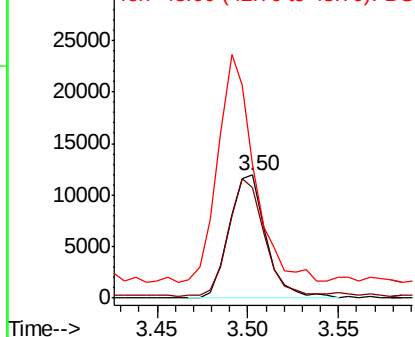
#2

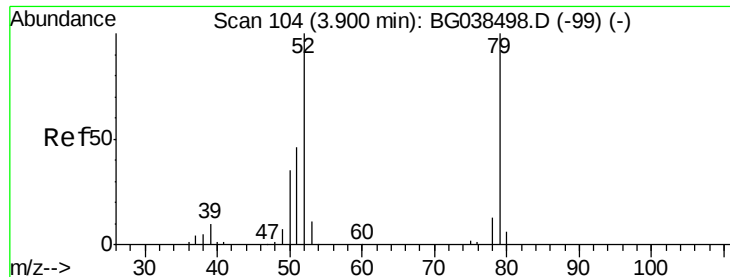
1,4-Dioxane
Concen: 25.606 ng
RT: 3.50 min Scan# 70
Delta R.T. 0.01 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Tgt Ion: 88 Resp: 16859
Ion Ratio Lower Upper
88 100
58 95.8 75.7 113.5
43 178.7 31.6 47.4#



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





#3

Pvridine

Concen: 20.578 ng

RT: 3.91 min Scan# 139

Delta R.T. 0.01 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

Instrument :

BNA_G

ClientSampleId :

R20-OSMSD

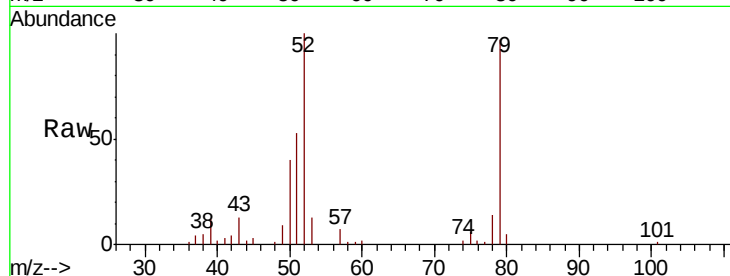
Tot Ion: 79 Resp: 37302

Ion Ratio Lower Upper

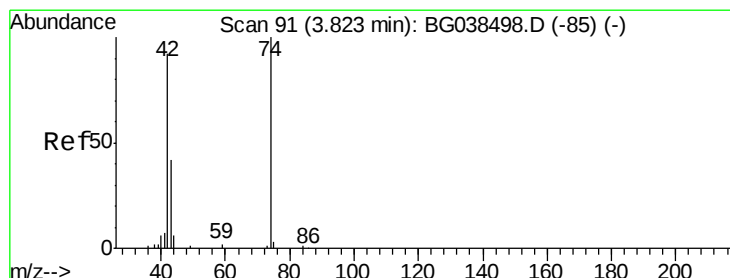
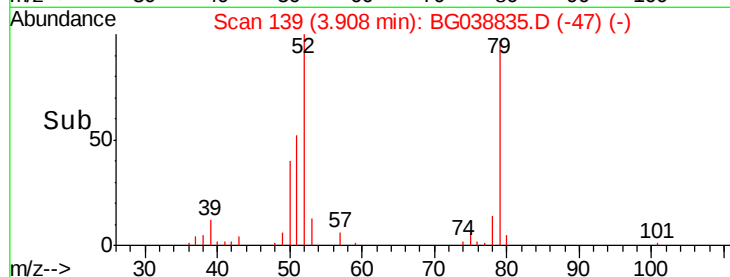
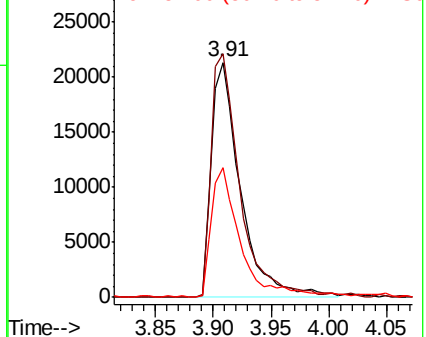
79 100

52 103.6 80.2 120.2

51 55.3 38.0 57.0



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



#4

n-Nitrosodimethylamine

Concen: 33.383 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.00 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

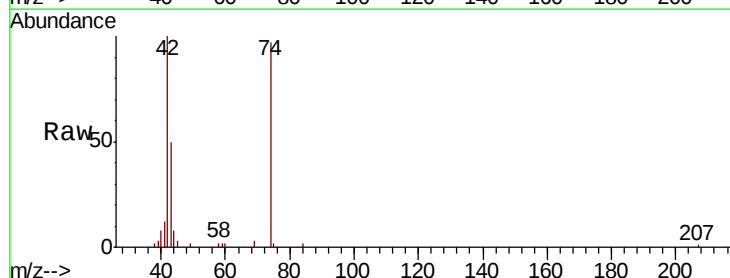
Tgt Ion: 42 Resp: 29651

Ion Ratio Lower Upper

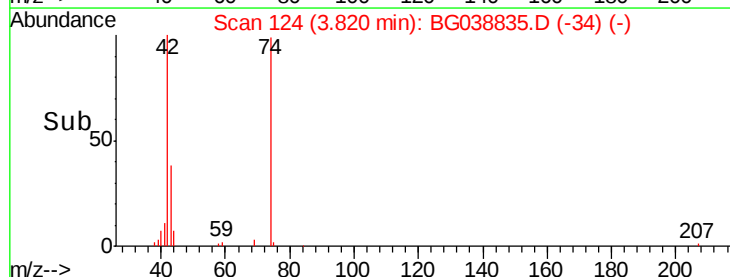
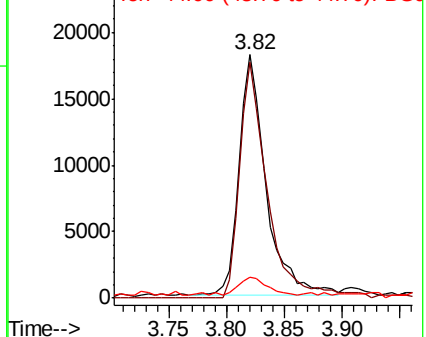
42 100

74 96.9 86.7 130.1

44 8.5 7.8 11.8



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: 135.397 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

Instrument :

BNA_G

ClientSampleId :

R20-OSMSD

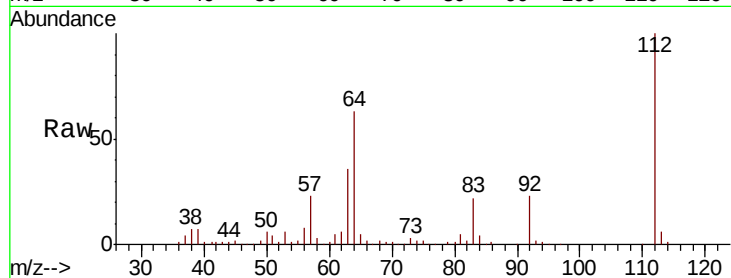
Tot Ion: 112 Resp: 191540

Ion Ratio Lower Upper

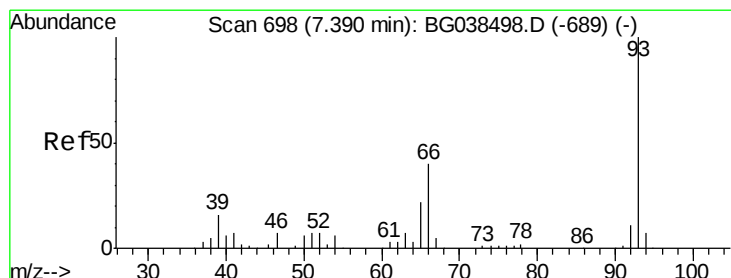
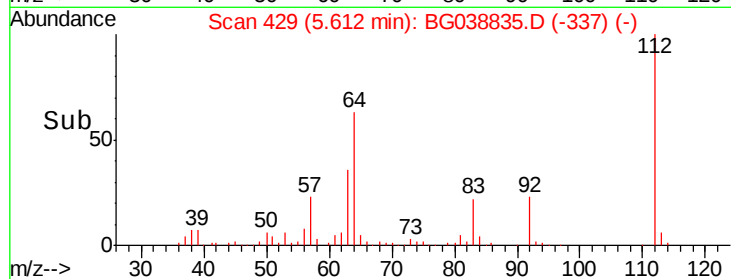
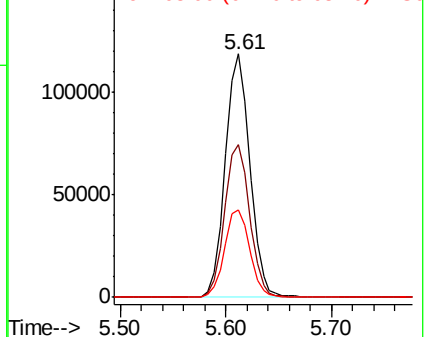
112 100

64 62.8 53.4 80.2

63 35.9 29.3 43.9



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



#6

Aniline

Concen: 9.747 ng

RT: 7.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

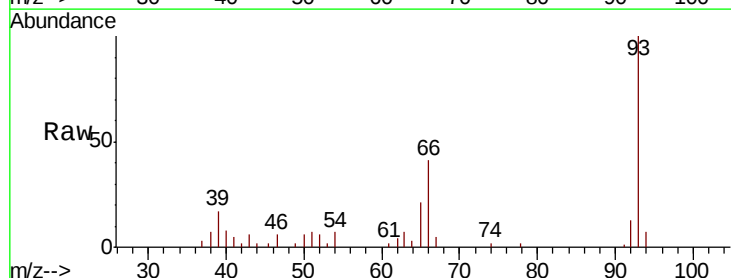
Tgt Ion: 93 Resp: 24165

Ion Ratio Lower Upper

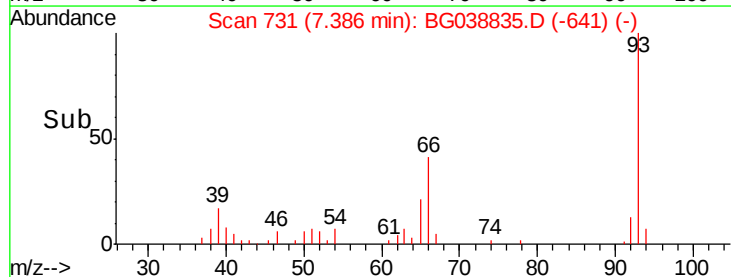
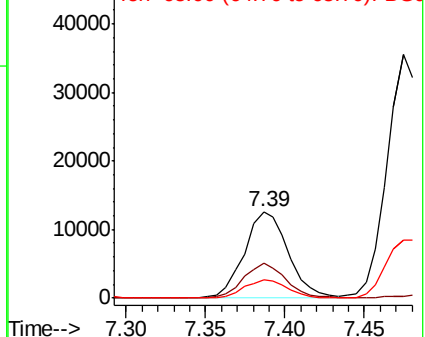
93 100

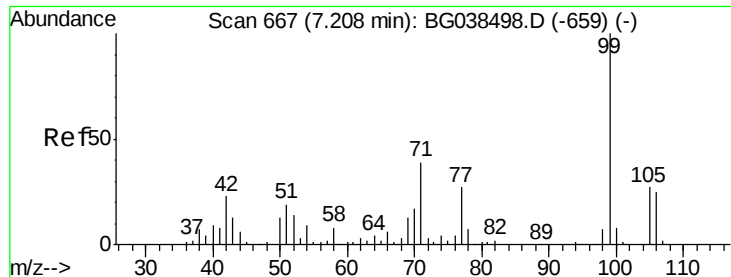
66 40.6 31.7 47.5

65 21.2 17.8 26.6



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





#7

Phenol-d6

Concen: 130.137 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

Instrument :

BNA_G

ClientSampleId :

R20-OSMSD

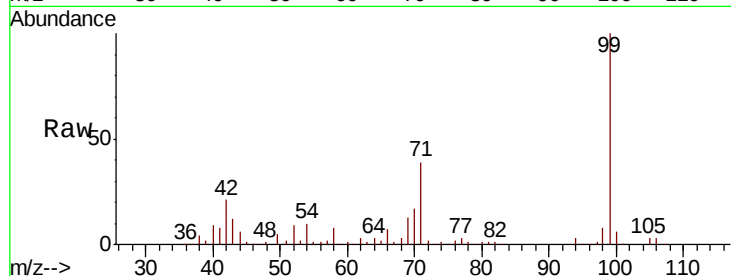
Tot Ion: 99 Resp: 252731

Ion Ratio Lower Upper

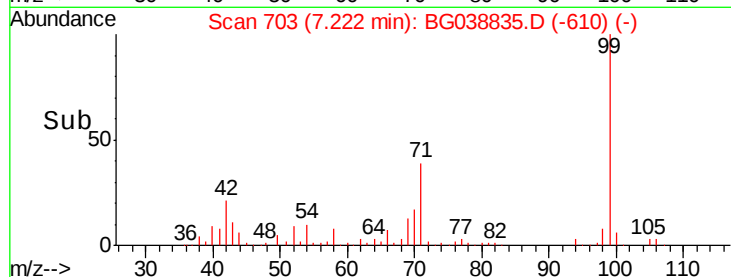
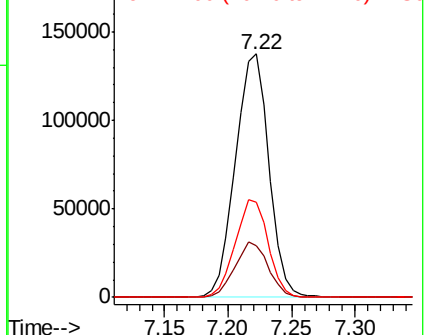
99 100

42 21.4 18.5 27.7

71 39.2 31.1 46.7



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



#8

2-Chlorophenol

Concen: 44.238 ng

RT: 7.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

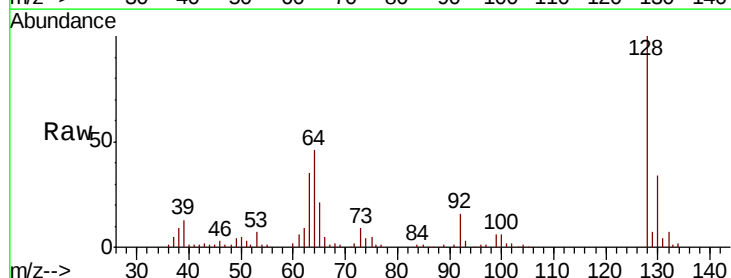
Tgt Ion: 128 Resp: 72421

Ion Ratio Lower Upper

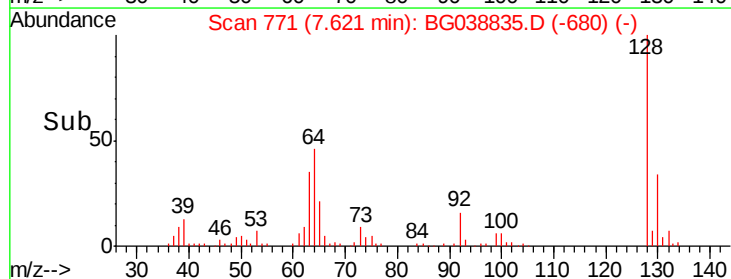
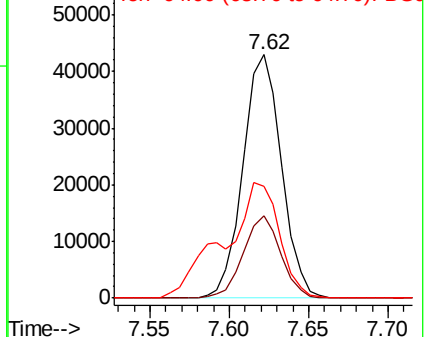
128 100

130 33.6 11.8 51.8

64 45.8 33.2 73.2



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: 31.724 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

Instrument :

BNA_G

ClientSampleId :

R20-OSMSD

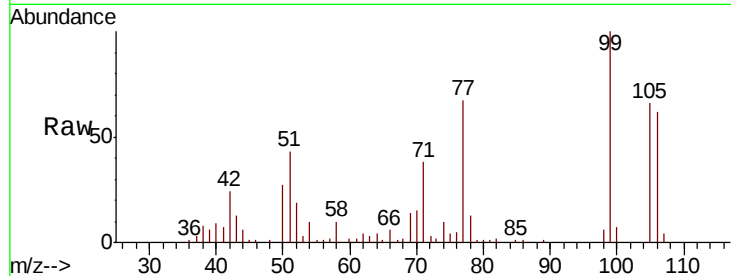
Tot Ion: 77 Resp: 39967

Ion Ratio Lower Upper

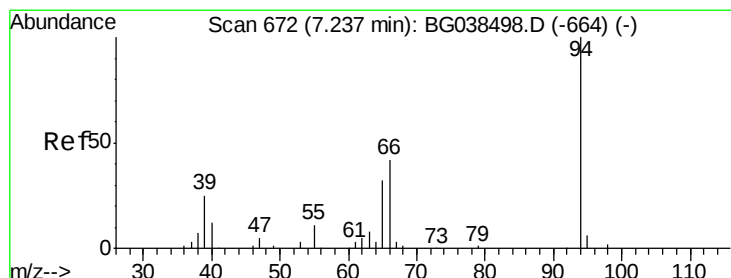
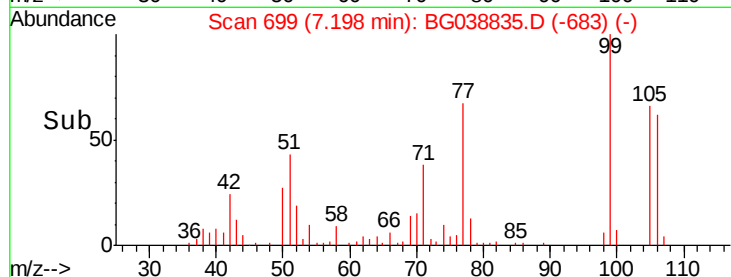
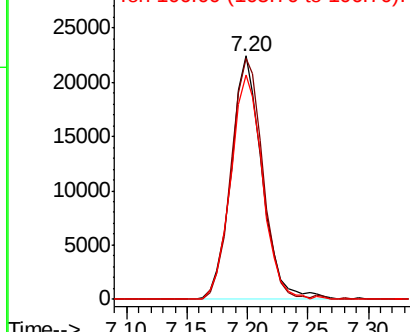
77 100

105 99.1 74.0 114.0

106 92.3 73.9 113.9



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



#10

Phenol

Concen: 37.758 ng

RT: 7.25 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

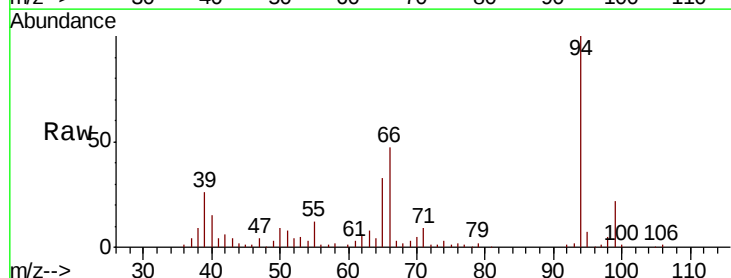
Tgt Ion: 94 Resp: 77903

Ion Ratio Lower Upper

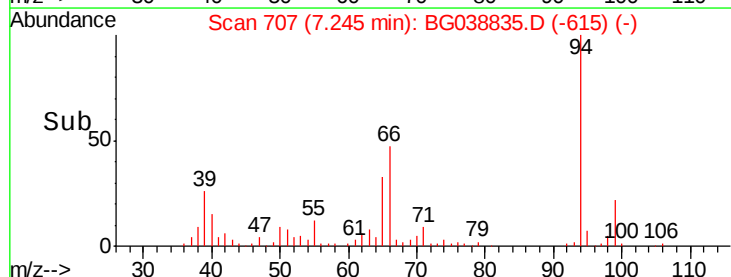
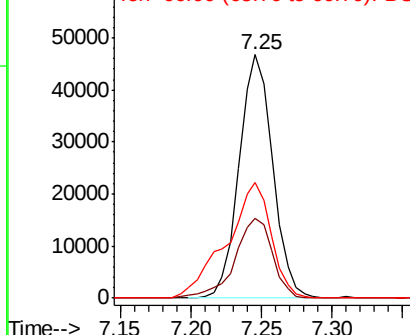
94 100

65 33.0 12.6 52.6

66 47.4 24.1 64.1



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

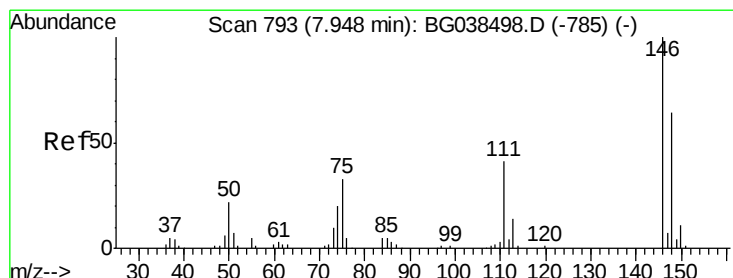
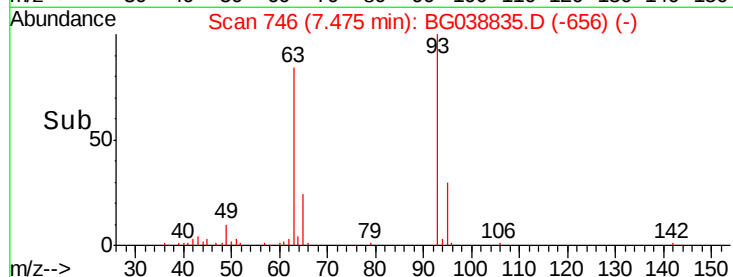
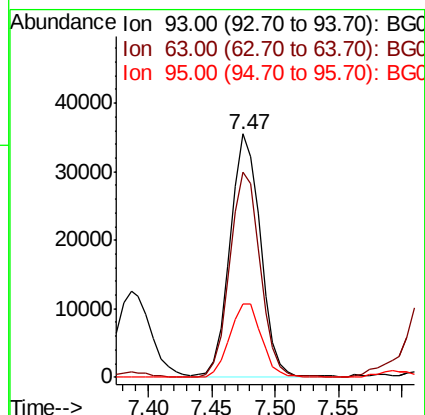
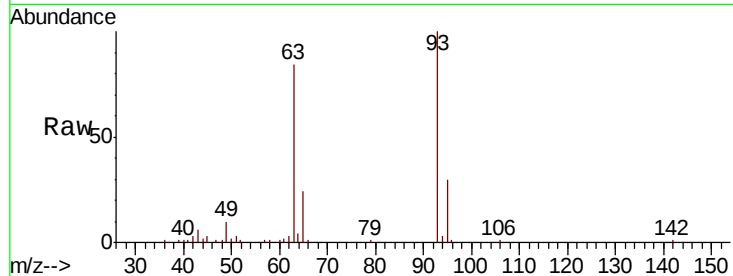




#11
bis(2-Chloroethyl)ether
Concen: 35.969 ng
RT: 7.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

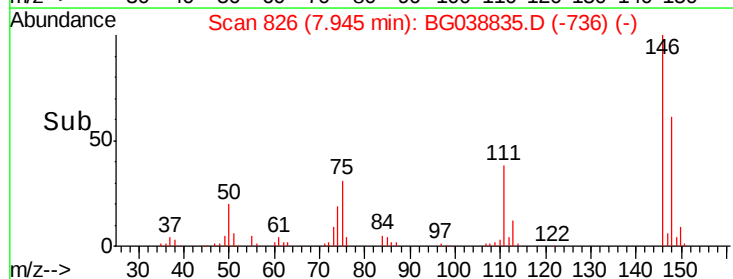
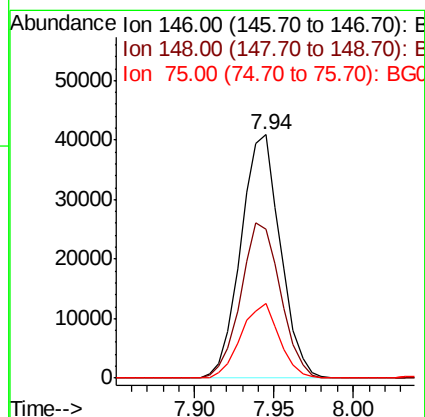
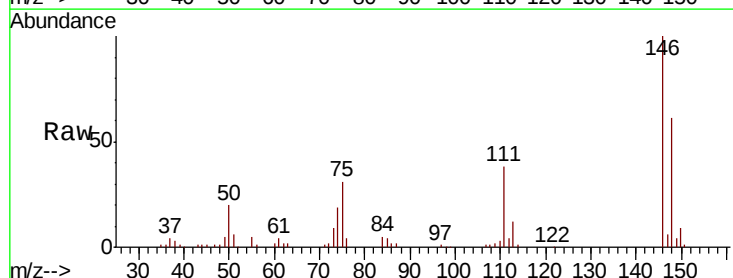
Instrument :
BNA_G
ClientSampleId :
R20-OSMSD

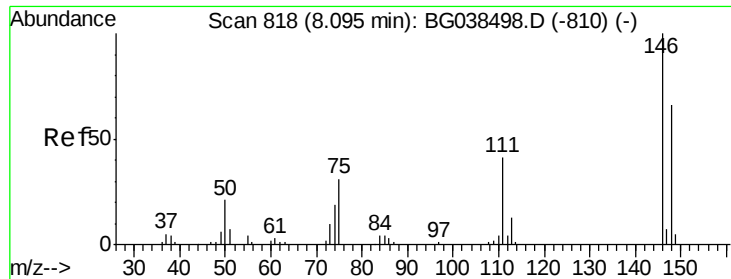
Tot Ion: 93 Resp: 59085
Ion Ratio Lower Upper
93 100
63 84.3 72.2 112.2
95 30.0 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 36.515 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Tgt Ion: 146 Resp: 70680
Ion Ratio Lower Upper
146 100
148 61.1 51.4 77.0
75 30.6 26.1 39.1

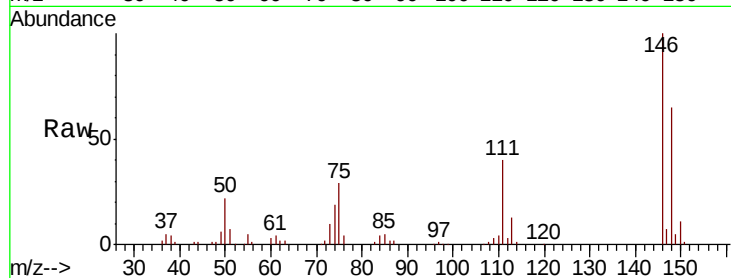




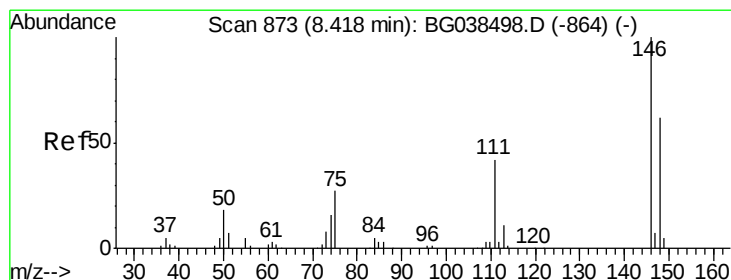
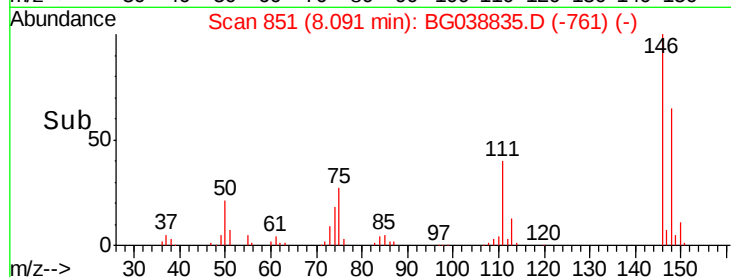
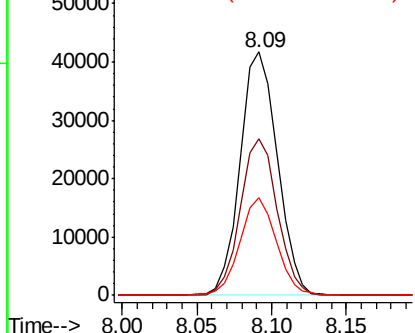
#13
 1,4-Dichlorobenzene
 Concen: 36.455 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

Instrument :
 BNA_G
 ClientSampleId :
 R20-OSMSD

Tot Ion:146 Resp: 72270
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.4 78.6
 111 40.0 33.0 49.4

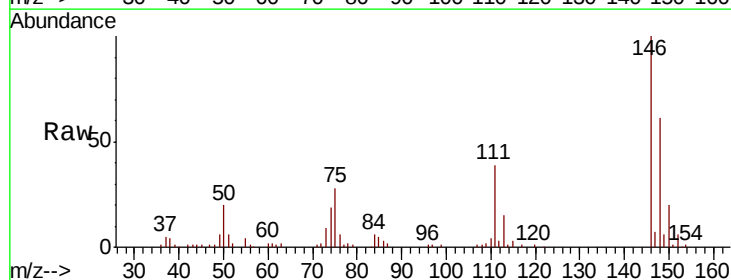


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

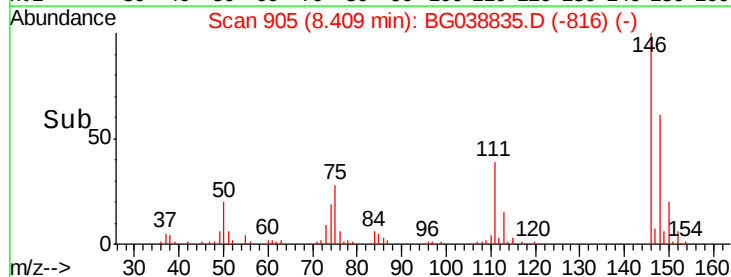
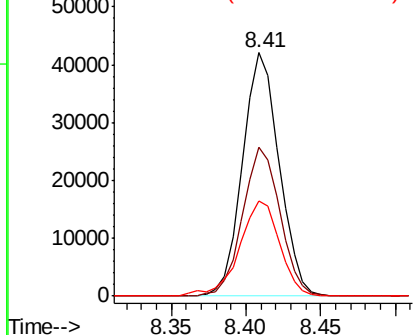


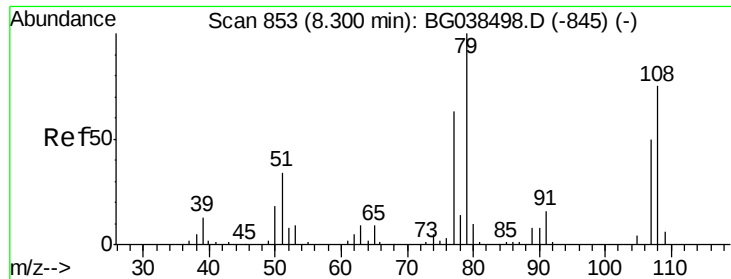
#14
 1,2-Dichlorobenzene
 Concen: 38.166 ng
 RT: 8.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

Tgt Ion:146 Resp: 71330
 Ion Ratio Lower Upper
 146 100
 148 60.9 49.4 74.0
 111 39.3 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 44.505 ng

RT: 8.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

Instrument :

BNA_G

ClientSampleId :

R20-OSMSD

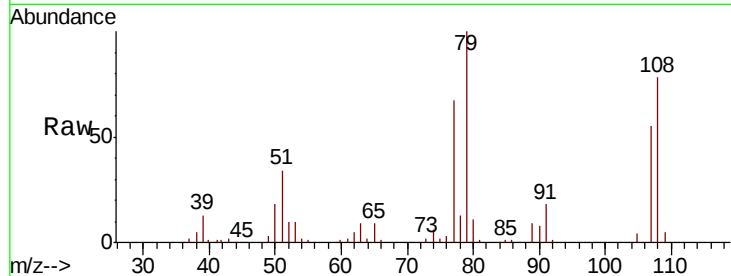
Tot Ion: 79 Resp: 67462

Ion Ratio Lower Upper

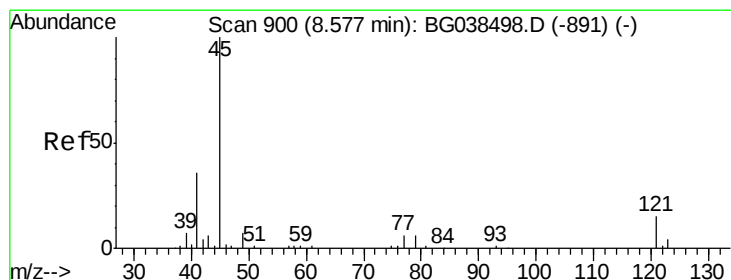
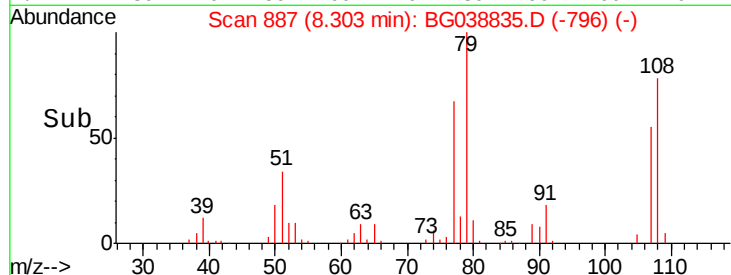
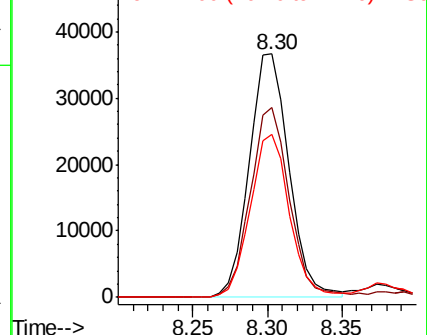
79 100

108 78.0 60.2 90.4

77 67.0 50.7 76.1



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: 32.662 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.00 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

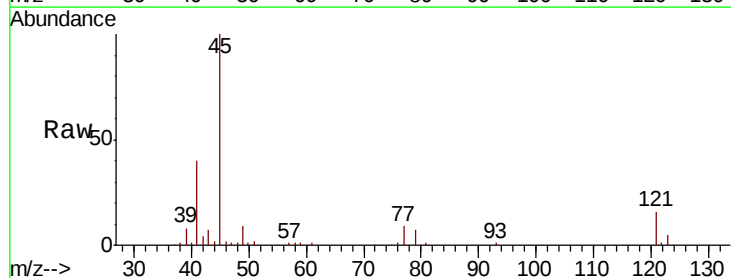
Tgt Ion: 45 Resp: 122903

Ion Ratio Lower Upper

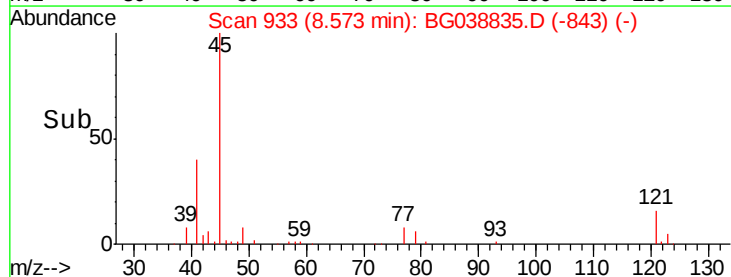
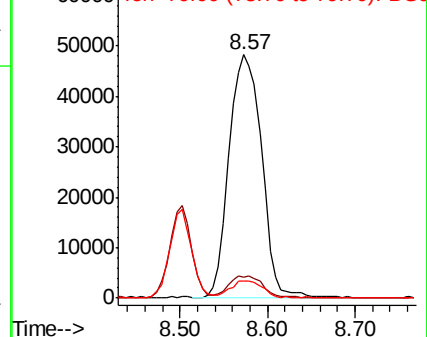
45 100

77 8.8 0.0 28.2

79 7.1 0.0 27.2



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

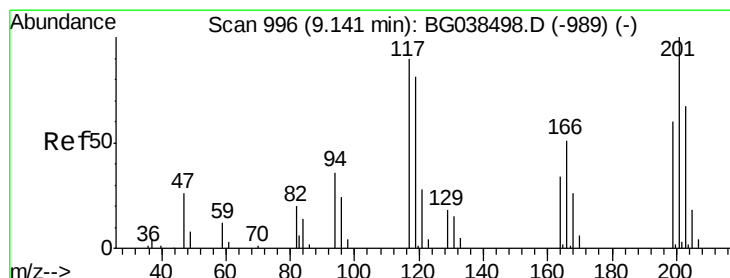
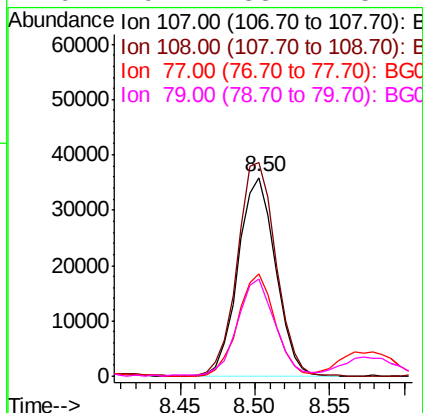
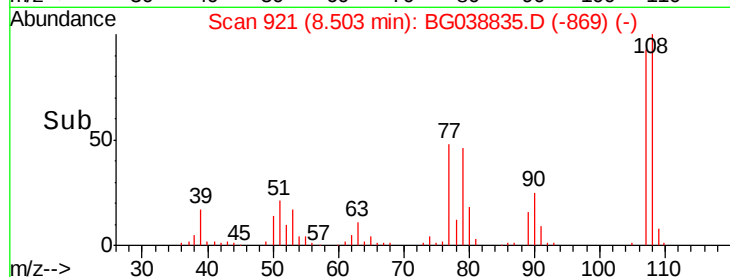
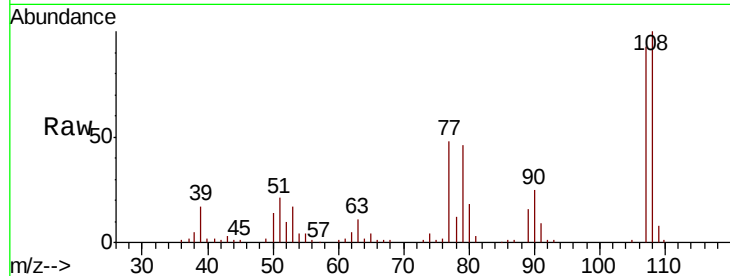




#17
2-Methylphenol
Concen: 45.273 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.01 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

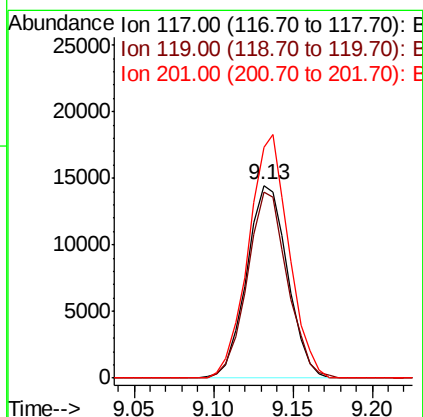
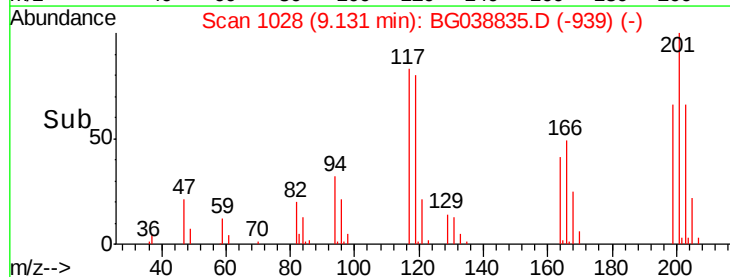
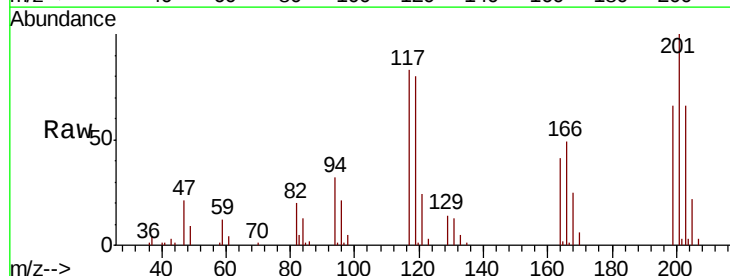
Instrument :
BNA_G
ClientSampleId :
R20-OSMSD

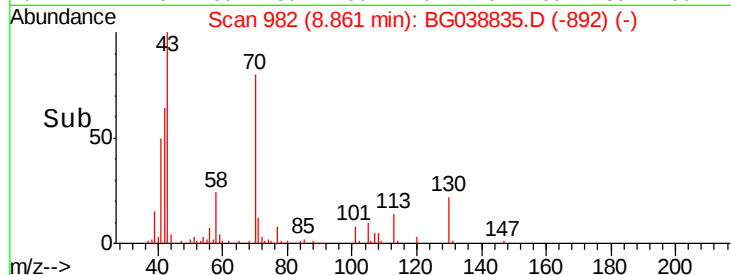
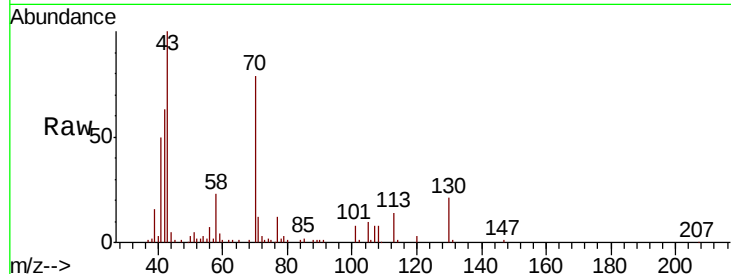
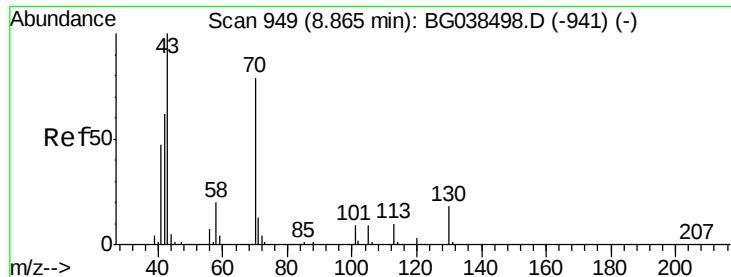
Tot Ion:107 Resp: 62583
Ion Ratio Lower Upper
107 100
108 107.5 87.1 130.7
77 51.3 42.0 63.0
79 49.1 38.2 57.2



#18
Hexachloroethane
Concen: 35.765 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Tgt Ion:117 Resp: 25908
Ion Ratio Lower Upper
117 100
119 96.3 73.8 110.8
201 123.4 89.4 134.0

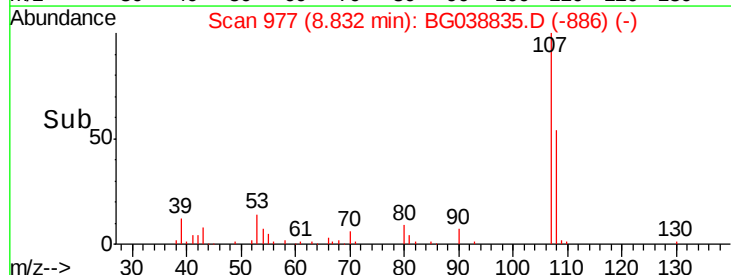
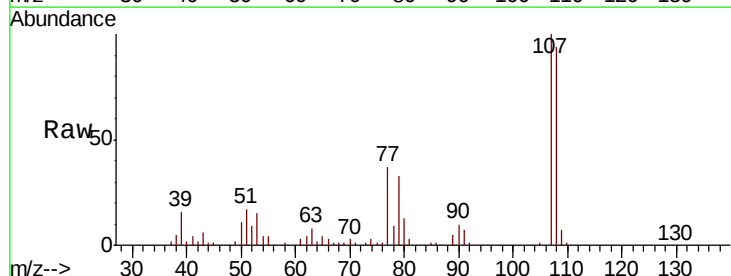
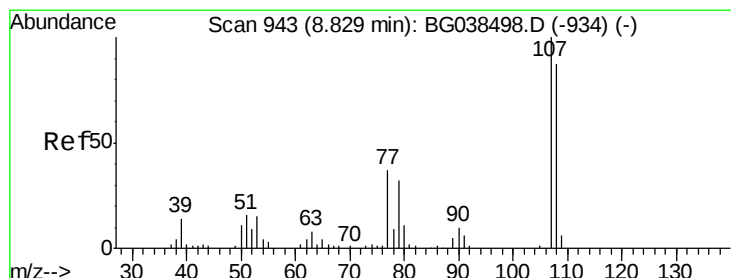
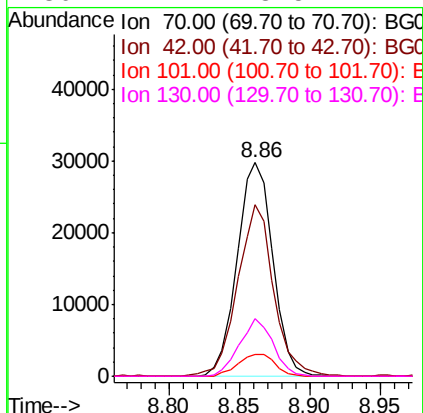




#19
n-Nitroso-di-n-propylamine
Concen: 38.550 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

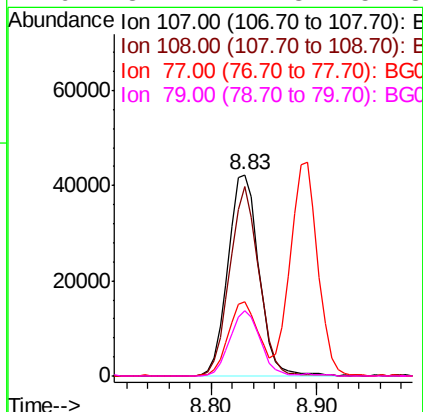
Instrument :
BNA_G
ClientSampleId :
R20-OSMSD

Tot Ion:	70	Resp:	52581
Ion	Ratio	Lower	Upper
70	100		
42	80.1	63.6	95.4
101	10.2	9.2	13.8
130	27.2	18.5	27.7



#20
3+4-Methylphenols
Concen: 44.877 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Tgt Ion:	107	Resp:	85674
Ion	Ratio	Lower	Upper
107	100		
108	93.9	66.7	106.7
77	36.7	17.3	57.3
79	32.7	12.3	52.3

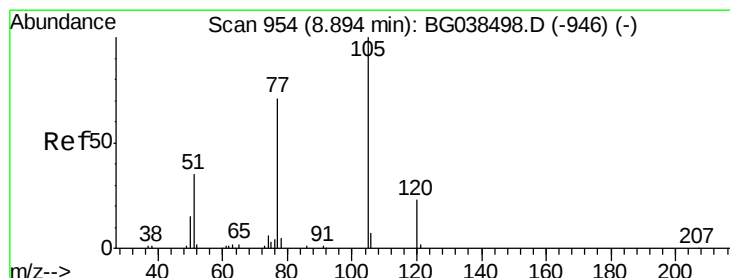
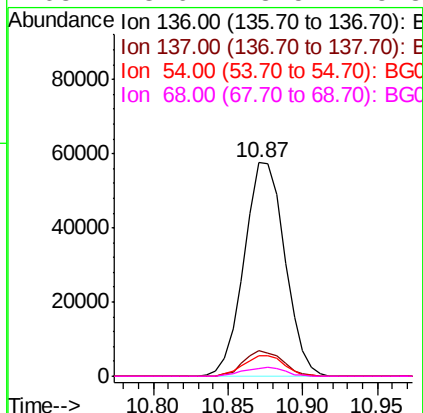
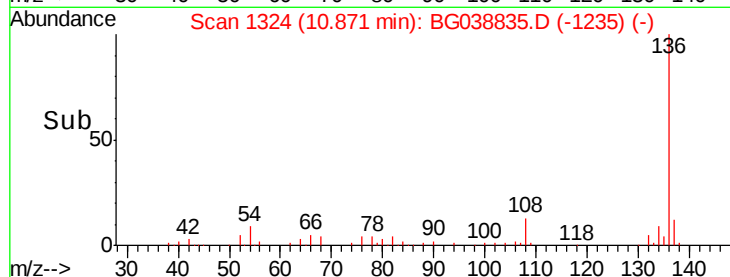
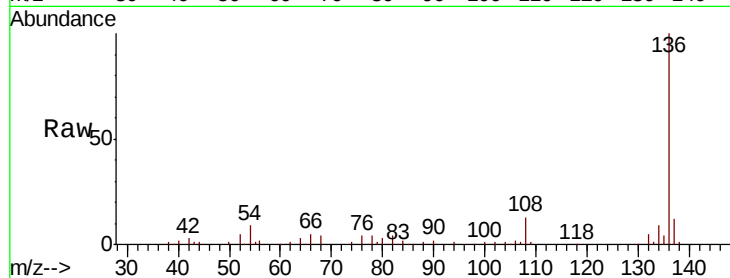




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

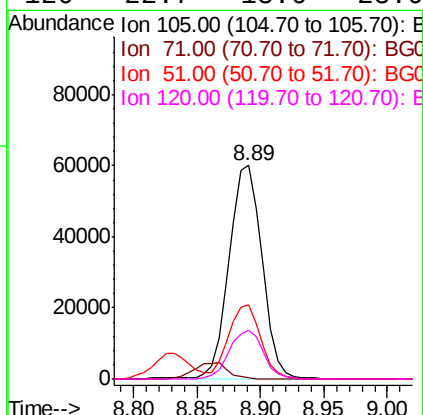
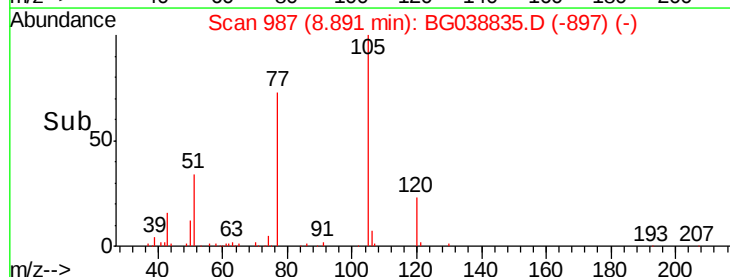
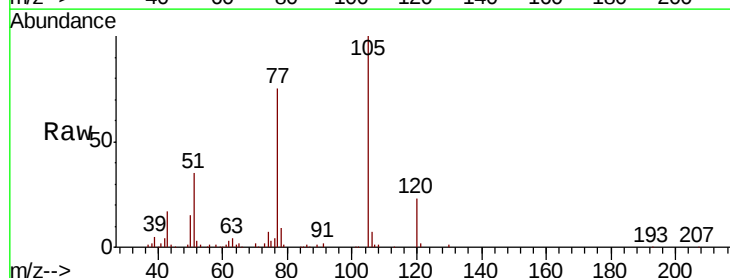
Instrument :
BNA_G
ClientSampleId :
R20-OSMSD

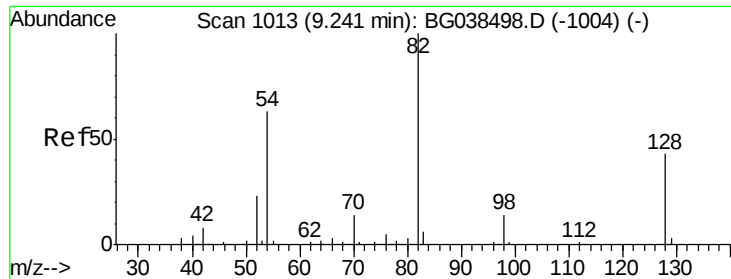
Tot Ion:136	Resp:	109136
Ion	Ratio	Lower Upper
136	100	
137	12.0	9.3 13.9
54	9.4	8.5 12.7
68	3.6	3.5 5.3



#22
Acetophenone
Concen: 39.576 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Tgt Ion:105	Resp:	107883
Ion	Ratio	Lower Upper
105	100	
71	0.3	0.4 0.6#
51	34.7	30.6 46.0
120	22.7	18.6 28.0

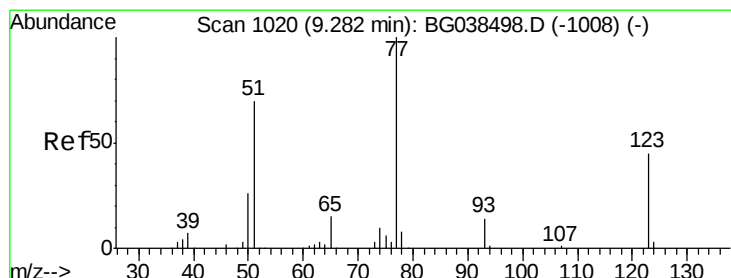
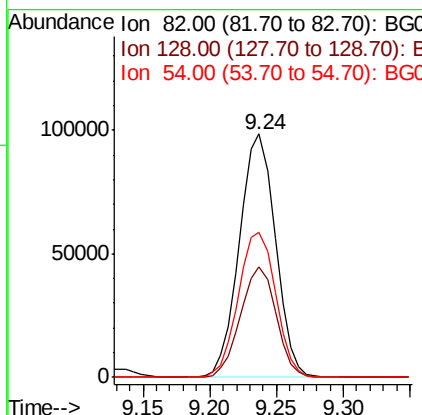
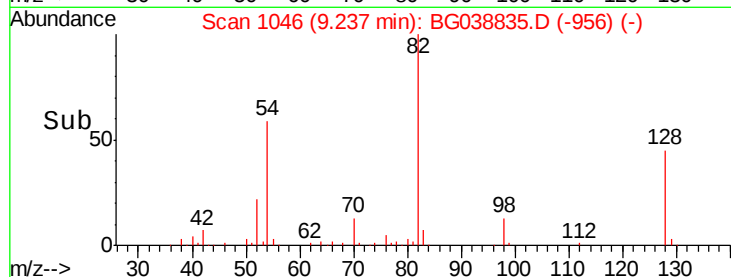
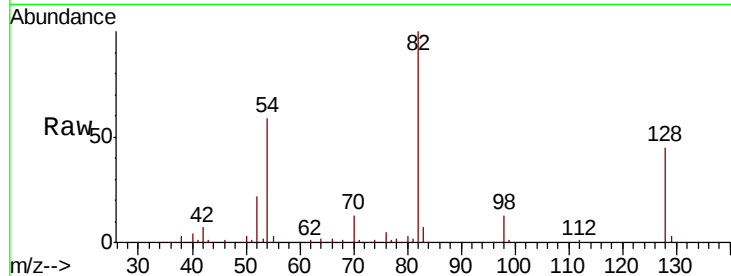




#23
 Nitrobenzene-d5
 Concen: 86.450 ng
 RT: 9.24 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

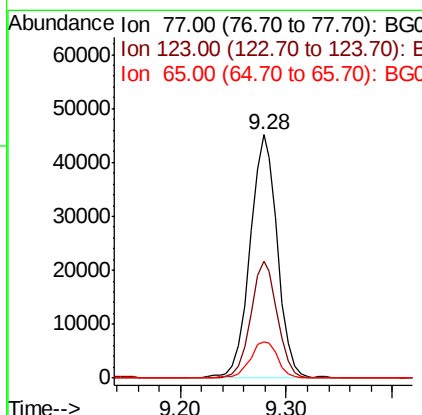
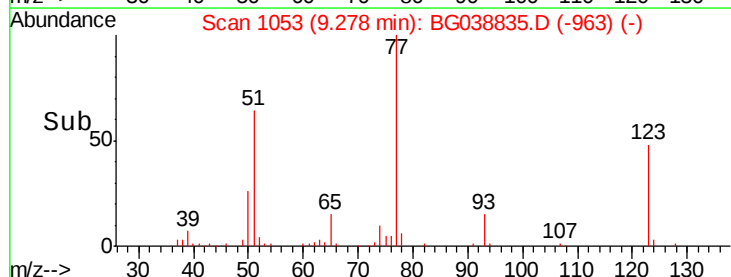
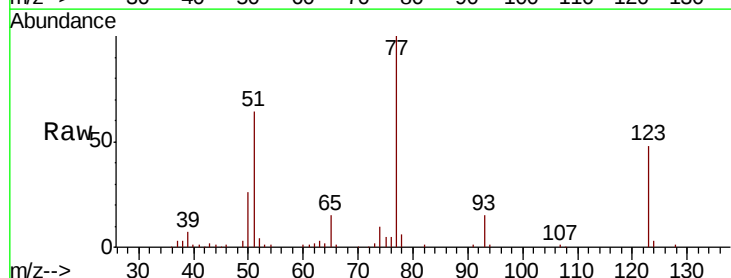
Instrument :
 BNA_G
 ClientSampleId :
 R20-OSMSD

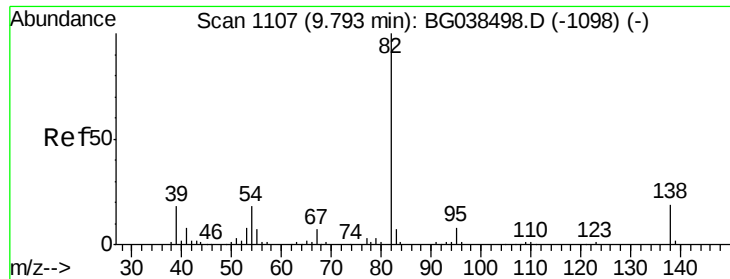
Tot Ion: 82 Resp: 184681
 Ion Ratio Lower Upper
 82 100
 128 45.2 34.6 52.0
 54 59.4 50.6 76.0



#24
 Nitrobenzene
 Concen: 37.517 ng
 RT: 9.28 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

Tgt Ion: 77 Resp: 81078
 Ion Ratio Lower Upper
 77 100
 123 47.9 35.9 53.9
 65 15.0 12.0 18.0

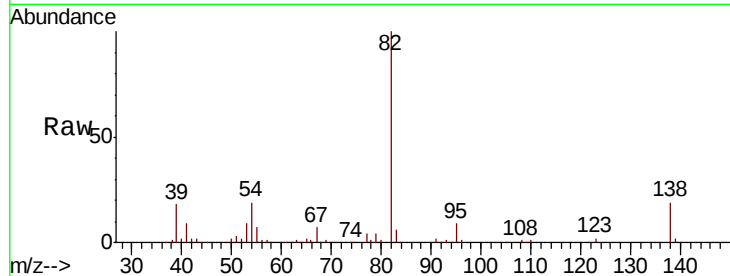




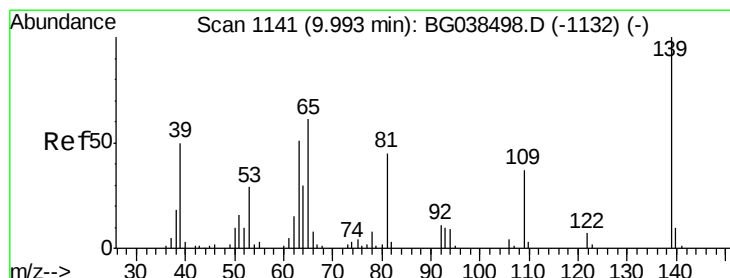
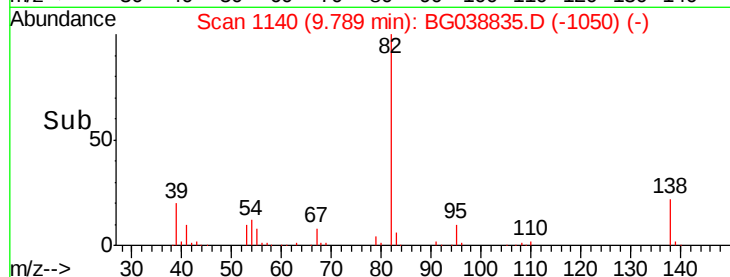
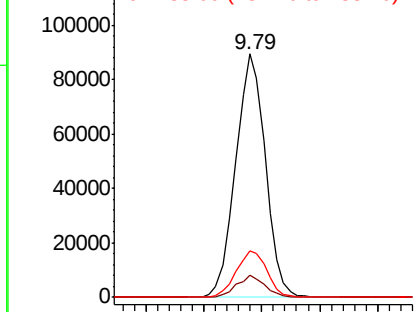
#25
Isophorone
Concen: 41.496 ng
RT: 9.79 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Instrument :
BNA_G
ClientSampleId :
R20-OSMSD

Tot Ion: 82 Resp: 159273
Ion Ratio Lower Upper
82 100
95 8.9 6.1 9.1
138 19.0 14.9 22.3

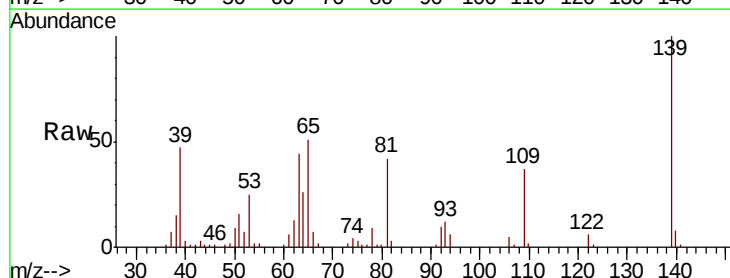


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

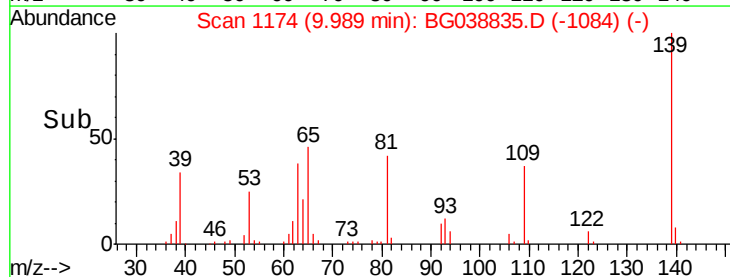
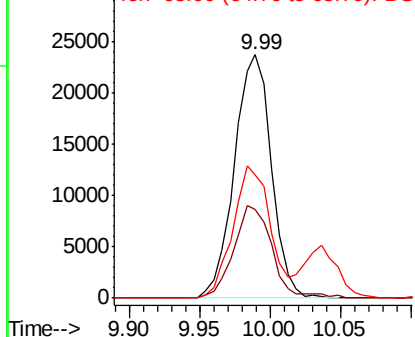


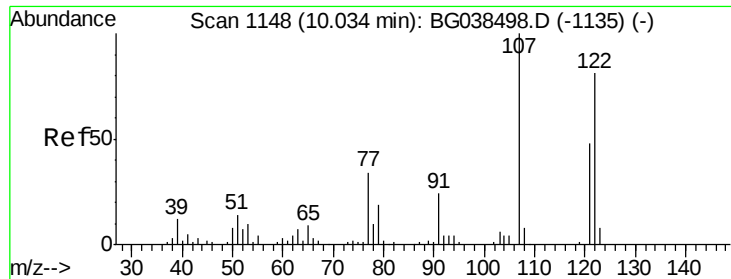
#26
2-Nitrophenol
Concen: 39.111 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Tgt Ion: 139 Resp: 43261
Ion Ratio Lower Upper
139 100
109 36.7 29.5 44.3
65 50.8 48.5 72.7



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

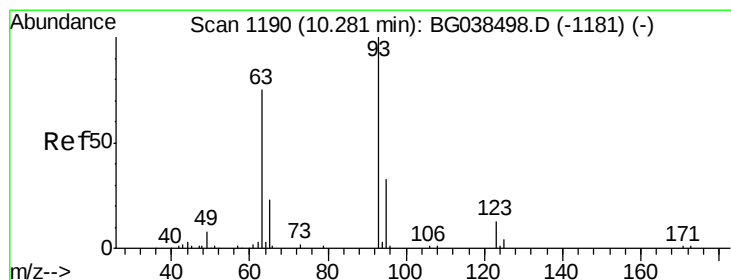
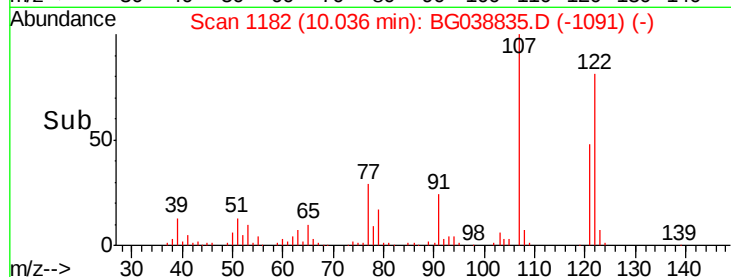
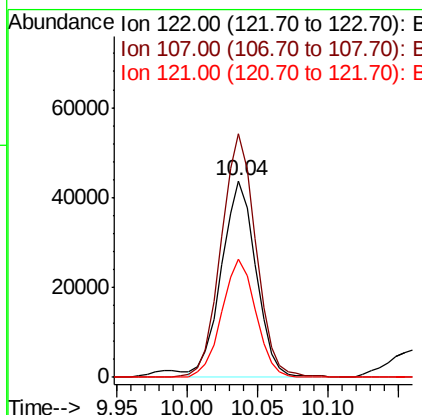
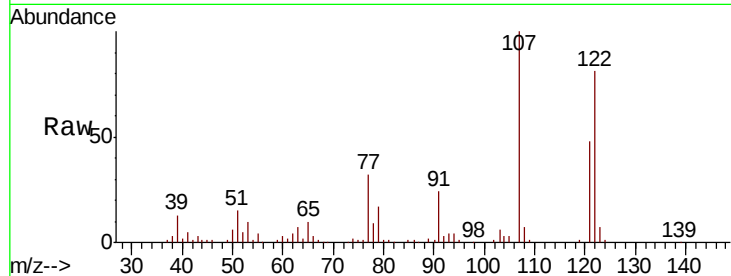




#27
 2,4-Dimethylphenol
 Concen: 46.886 ng
 RT: 10.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

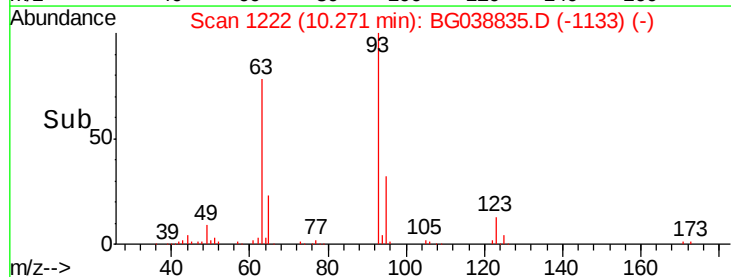
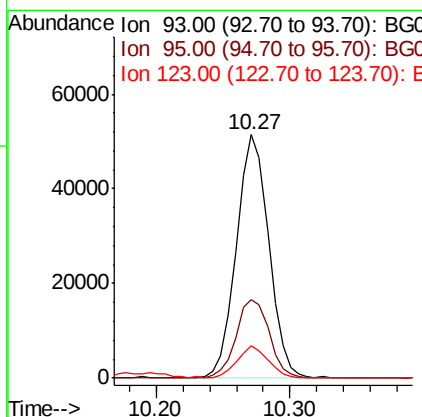
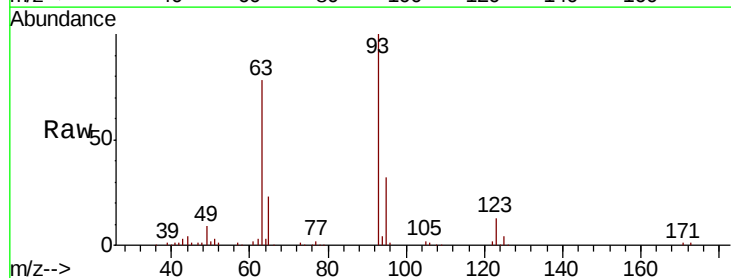
Instrument :
 BNA_G
 ClientSampleId :
 R20-OSMSD

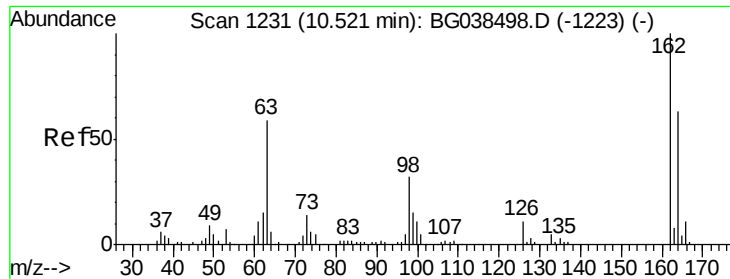
Tot Ion:122 Resp: 74325
 Ion Ratio Lower Upper
 122 100
 107 124.0 98.4 147.6
 121 60.0 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.953 ng
 RT: 10.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

Tgt Ion: 93 Resp: 86541
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.6 40.0
 123 13.4 10.6 16.0

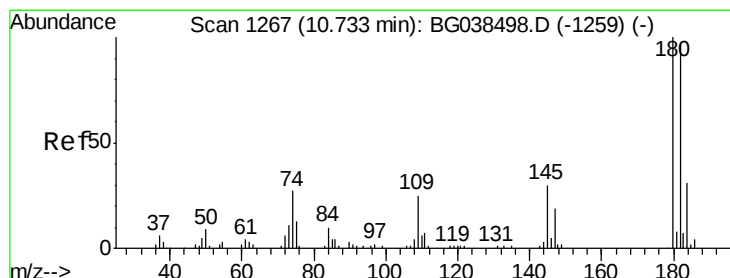
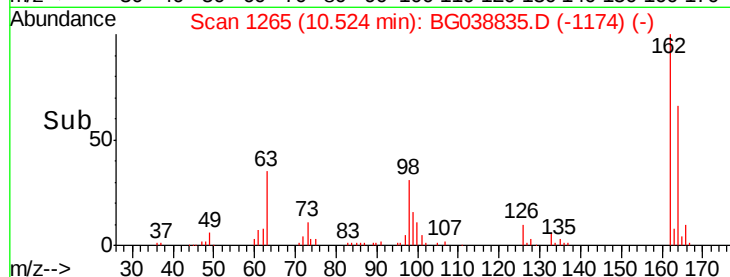
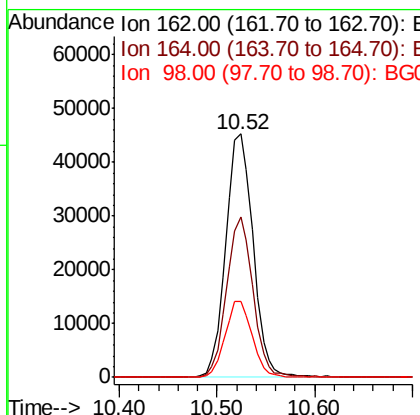
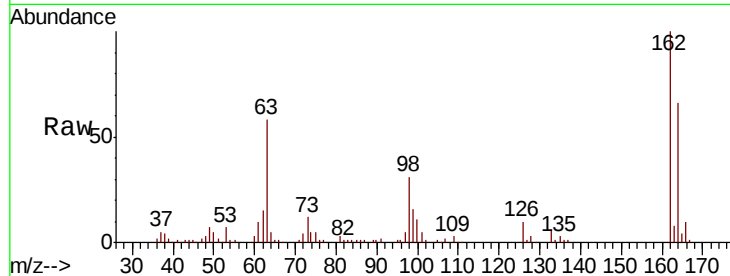




#29
 2,4-Dichlorophenol
 Concen: 49.958 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

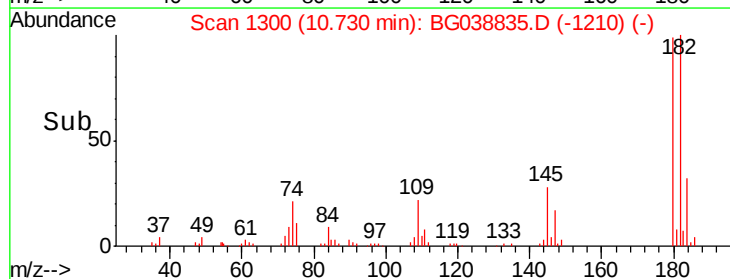
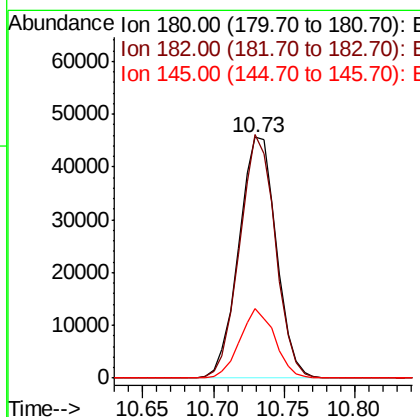
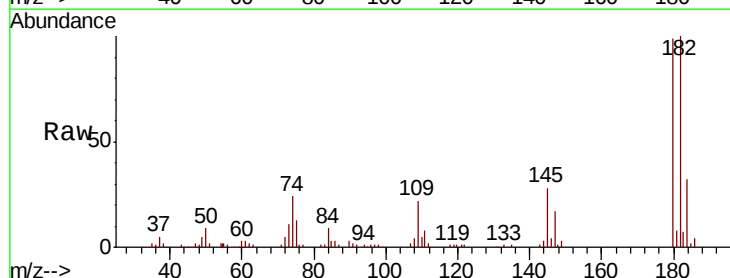
Instrument :
 BNA_G
 ClientSampleId :
 R20-OSMSD

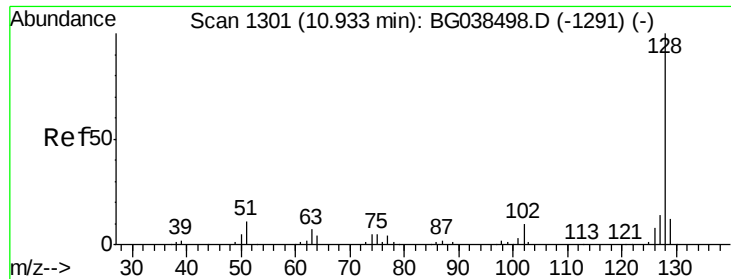
Tot Ion:162 Resp: 88103
 Ion Ratio Lower Upper
 162 100
 164 66.1 42.9 82.9
 98 31.1 12.1 52.1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.835 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

Tgt Ion:180 Resp: 84856
 Ion Ratio Lower Upper
 180 100
 182 101.1 77.4 116.0
 145 28.8 24.1 36.1

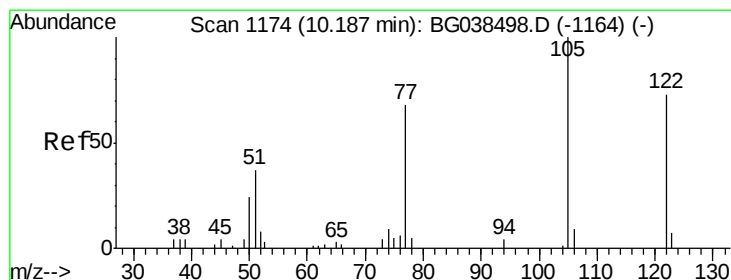
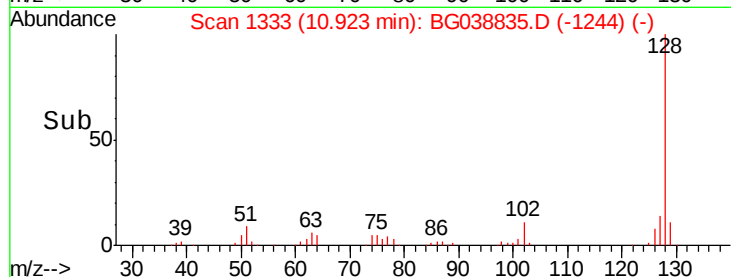
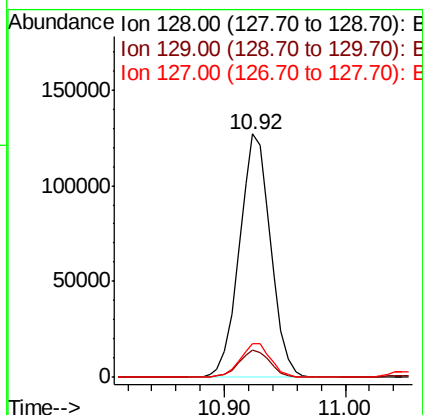
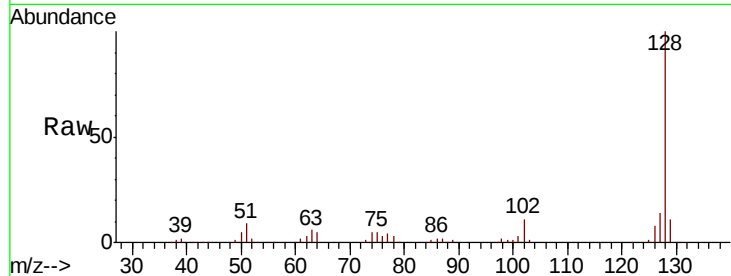




#31
Naphthalene
Concen: 42.388 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

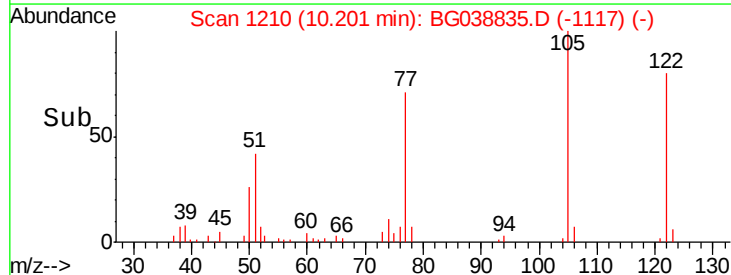
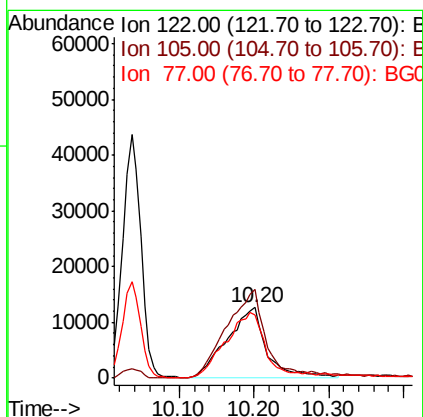
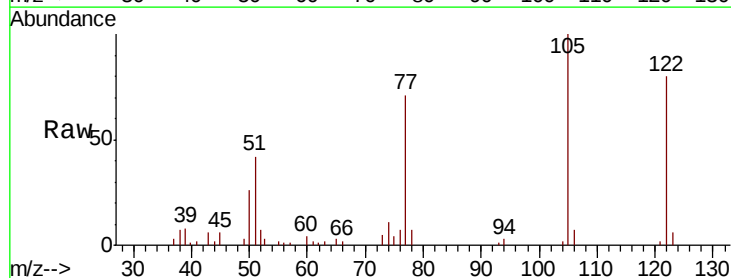
Instrument :
BNA_G
ClientSampleId :
R20-OSMSD

Tot Ion:128 Resp: 227928
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 13.8 10.9 16.3



#32
Benzoic acid
Concen: 46.775 ng
RT: 10.20 min Scan# 1210
Delta R.T. 0.01 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Tgt Ion:122 Resp: 46767
Ion Ratio Lower Upper
122 100
105 125.4 116.7 156.7
77 88.9 72.5 112.5

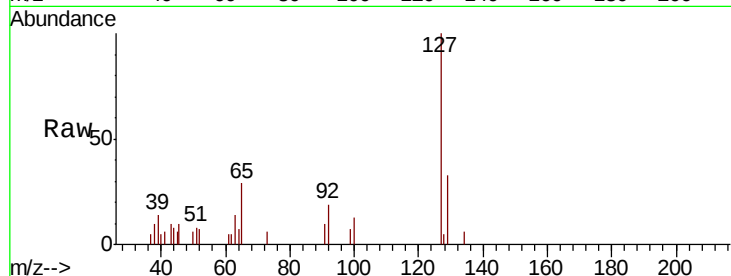




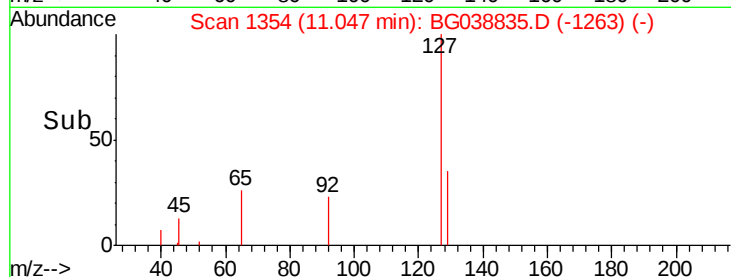
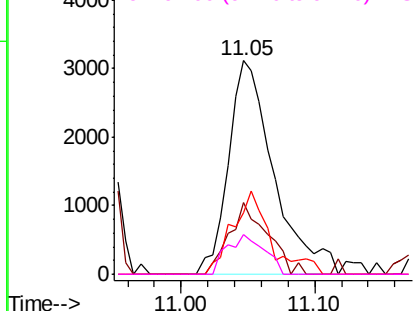
#33
4-Chloroaniline
Concen: 3.146 ng
RT: 11.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Instrument :
BNA_G
ClientSampleId :
R20-OSMSD

Tot Ion:127 Resp: 7344
Ion Ratio Lower Upper
127 100
129 33.4 25.8 38.8
65 29.1 27.8 41.6
92 18.5 17.0 25.6

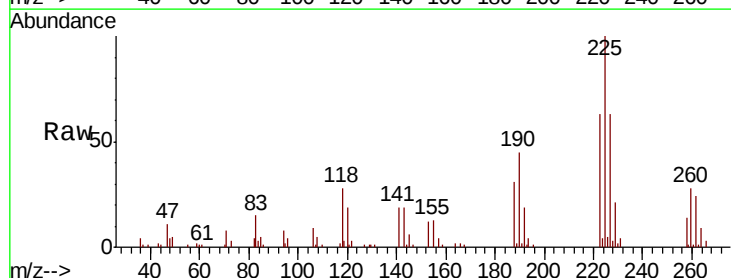


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

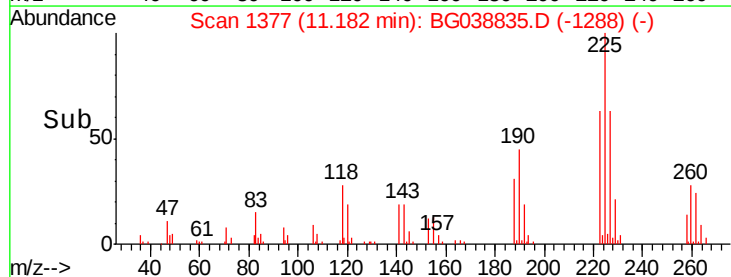
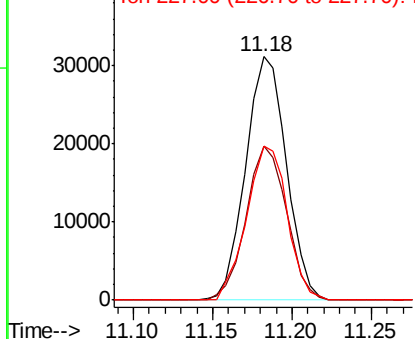


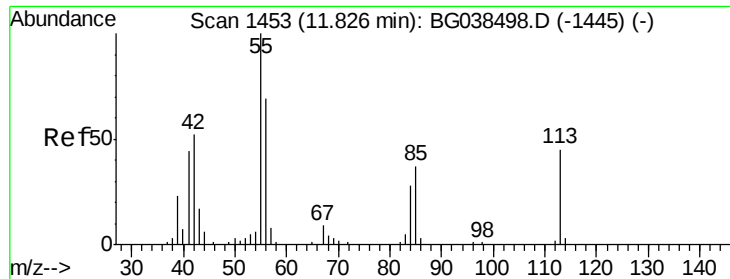
#34
Hexachlorobutadiene
Concen: 38.554 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Tgt Ion:225 Resp: 55572
Ion Ratio Lower Upper
225 100
223 60.1 45.0 67.6
227 63.3 50.6 75.8



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





#35

Caprolactam

Concen: 29.662 ng

RT: 11.85 min Scan# 1490

Delta R.T. 0.02 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

Instrument :

BNA_G

ClientSampleId :

R20-OSMSD

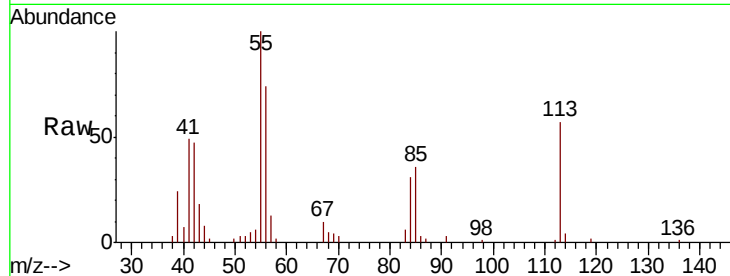
Tot Ion:113 Resp: 21648

Ion Ratio Lower Upper

113 100

55 174.5 204.3 244.3#

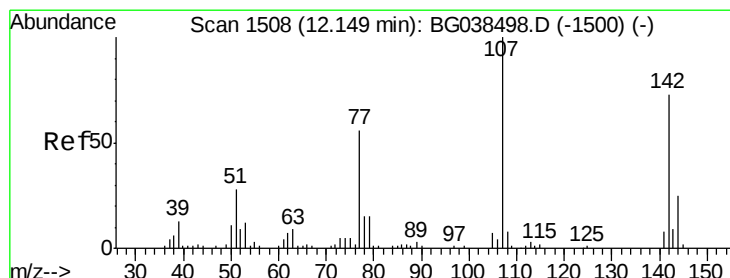
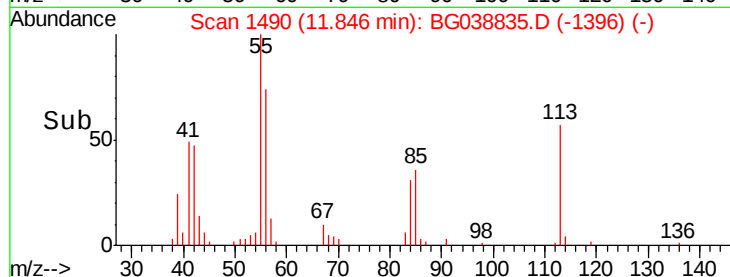
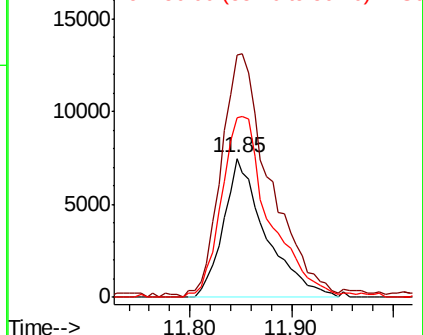
56 129.2 135.0 175.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG038835.D (-1396) (-)

Ion 56.00 (55.70 to 56.70): BG038835.D (-1396) (-)



#36

4-Chloro-3-methylphenol

Concen: 45.913 ng

RT: 12.16 min Scan# 1543

Delta R.T. 0.01 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

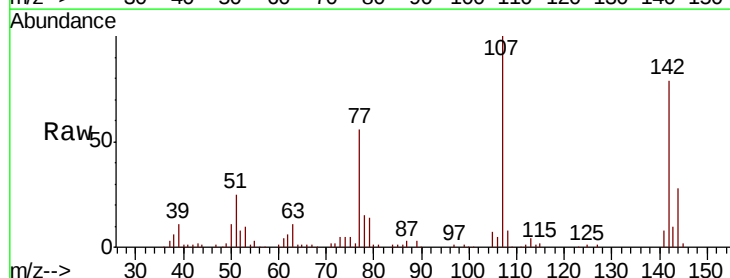
Tgt Ion:107 Resp: 92400

Ion Ratio Lower Upper

107 100

144 28.0 20.1 30.1

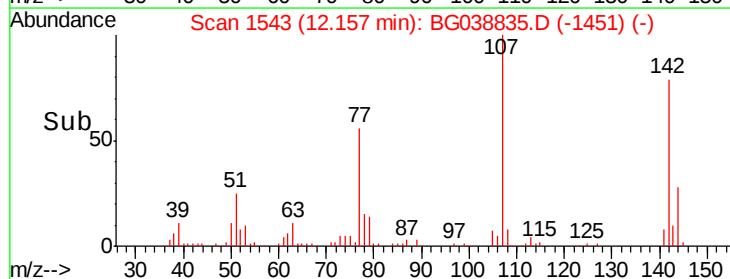
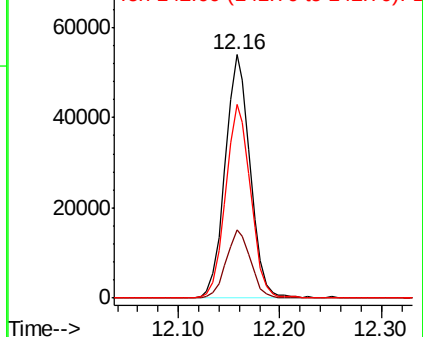
142 79.3 58.7 88.1

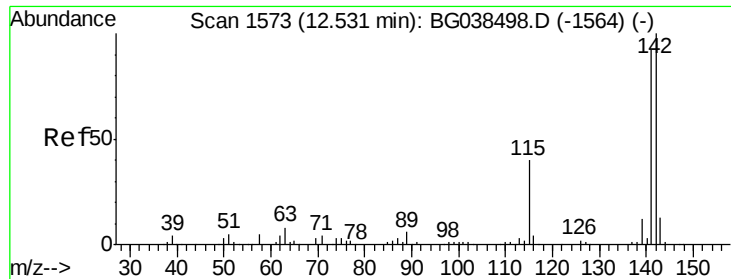


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

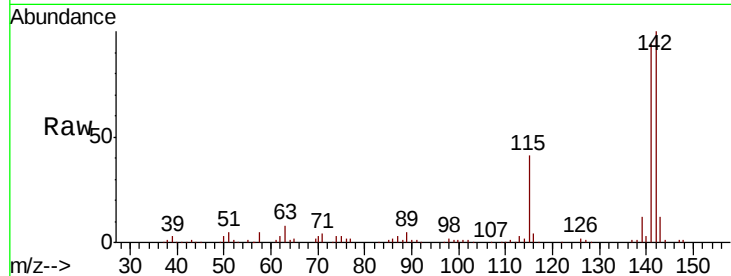




#37
2-Methylnaphthalene
Concen: 46.357 ng
RT: 12.53 min Scan# 1606
Delta R.T. -0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Instrument :
BNA_G
ClientSampleId :
R20-OSMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.9	73.5	110.3
115	41.2	31.7	47.5

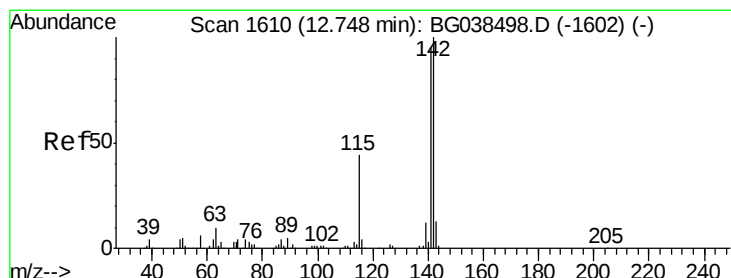
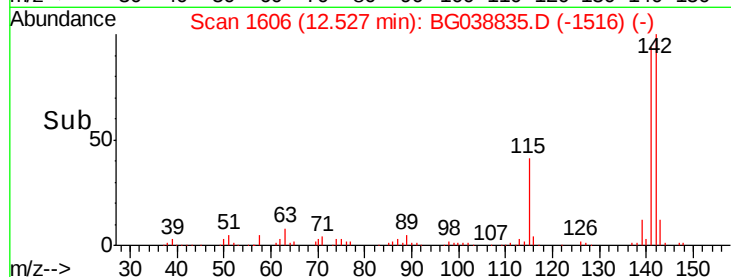
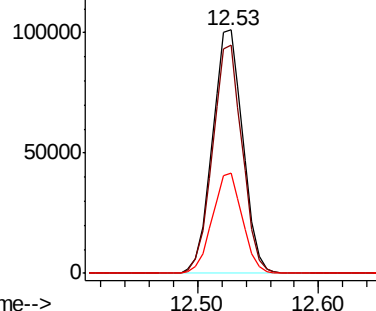


Abundance

Ion 142.00 (141.70 to 142.70): E

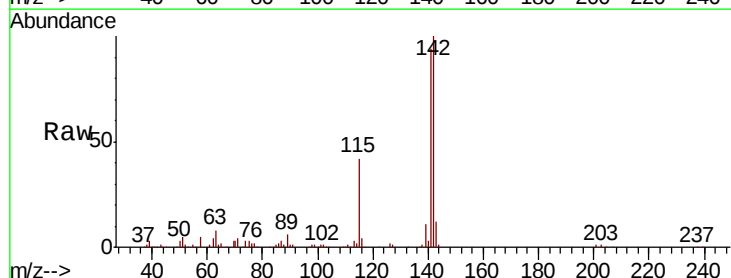
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 45.831 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	75.8	113.8
116	4.5	3.6	5.4

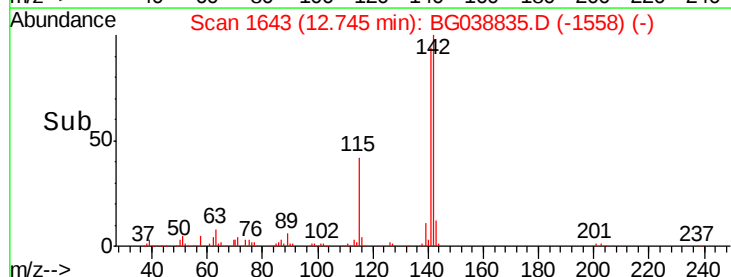
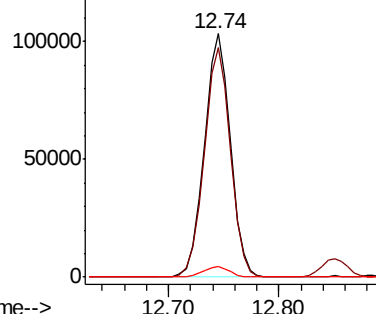


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

Instrument :

BNA_G

ClientSampleId :

R20-OSMSD

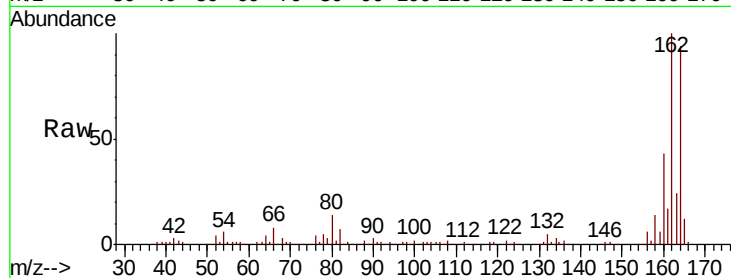
Tot Ion:164 Resp: 78059

Ion Ratio Lower Upper

164 100

162 106.6 86.6 130.0

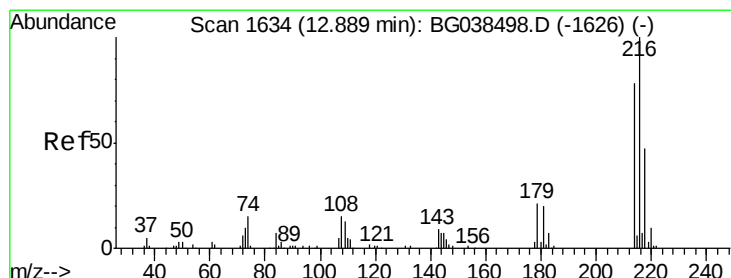
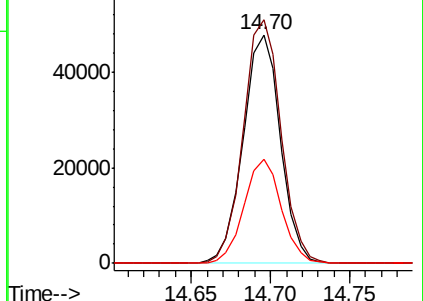
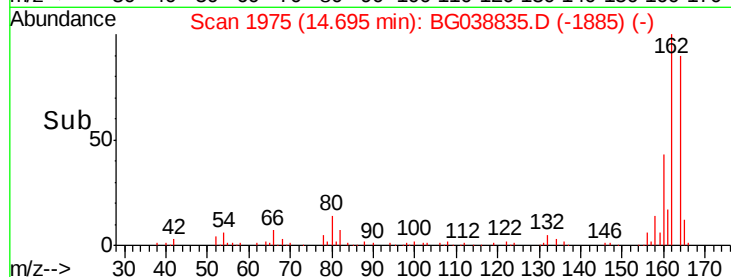
160 45.6 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.423 ng

RT: 12.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

Tgt Ion:216 Resp: 112111

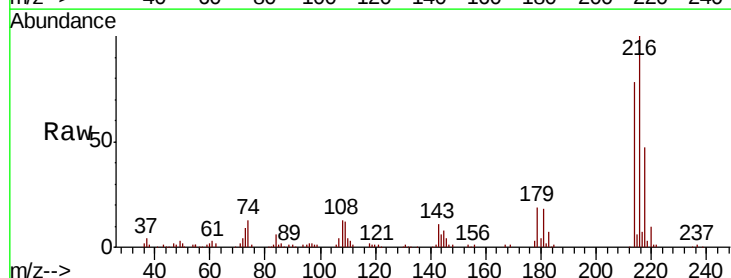
Ion Ratio Lower Upper

216 100

214 78.5 64.1 96.1

179 19.7 16.4 24.6

108 16.7 13.9 20.9

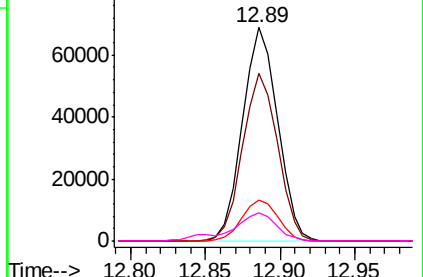
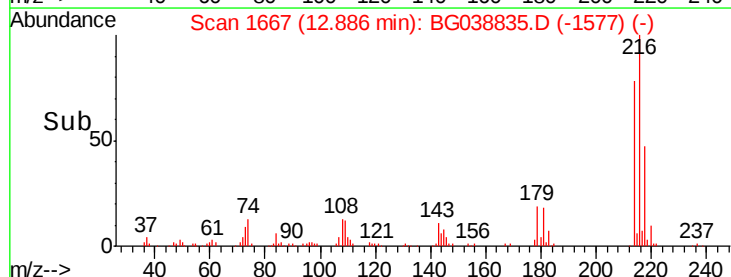


Abundance Ion 216.00 (215.70 to 216.70): E

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: 78.719 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

Instrument :

BNA_G

ClientSampleId :

R20-OSMSD

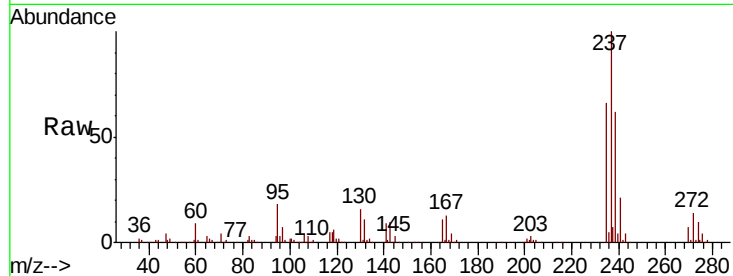
Tot Ion:237 Resp: 126190

Ion Ratio Lower Upper

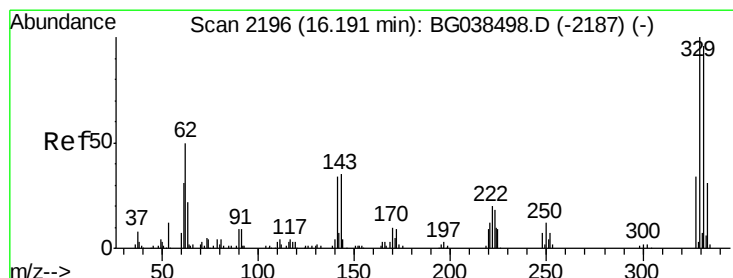
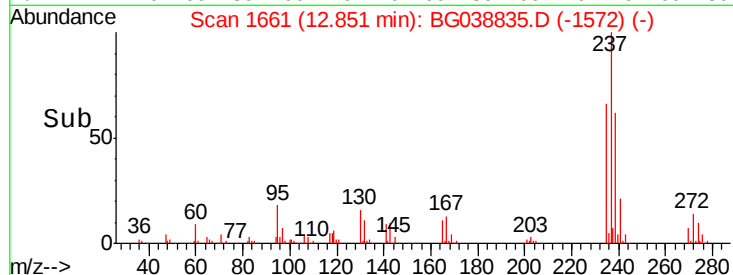
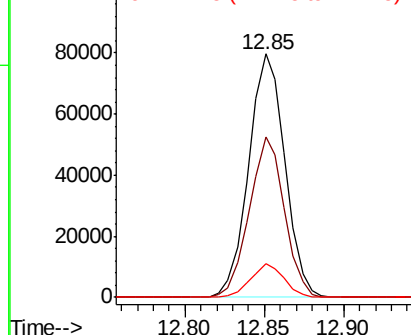
237 100

235 65.7 38.8 78.8

272 14.1 0.0 32.0



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



#42

2,4,6-Tribromophenol

Concen: 174.051 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

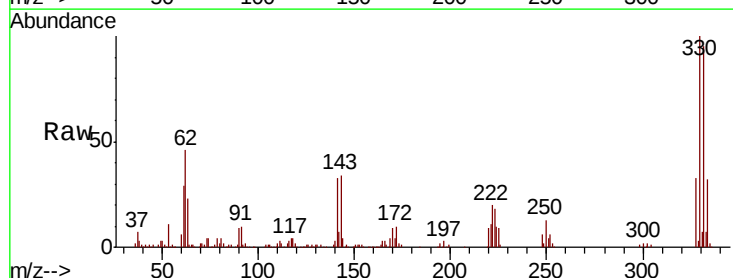
Tgt Ion:330 Resp: 187243

Ion Ratio Lower Upper

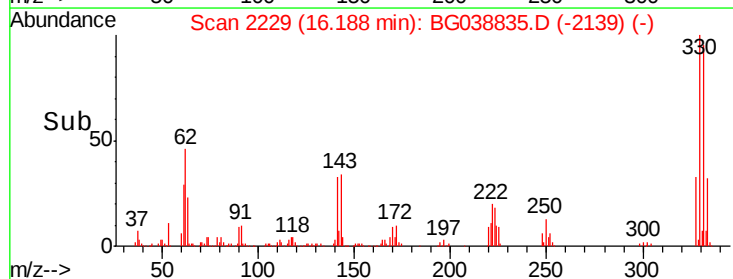
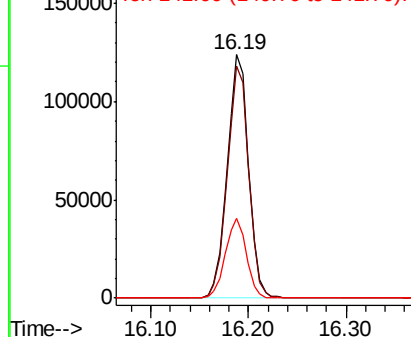
330 100

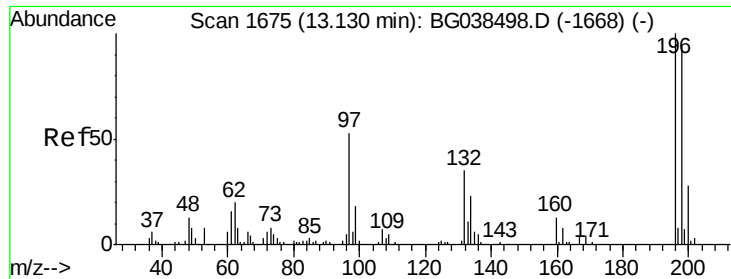
332 95.6 76.9 115.3

141 32.5 28.8 43.2



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

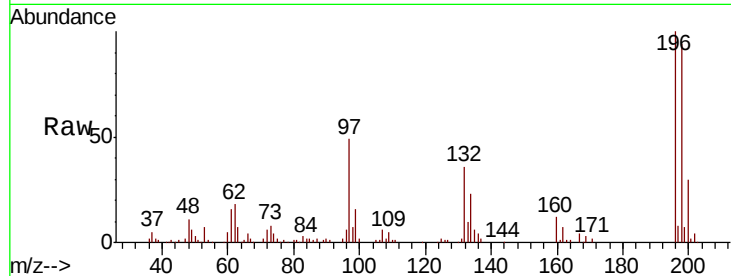




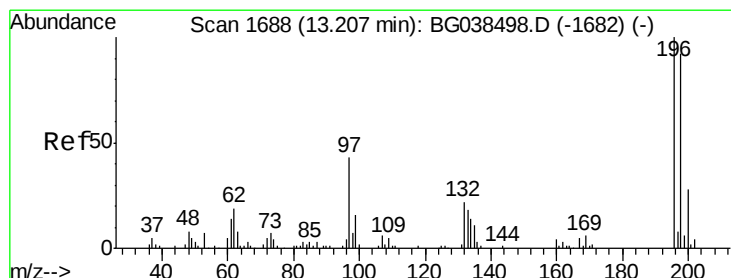
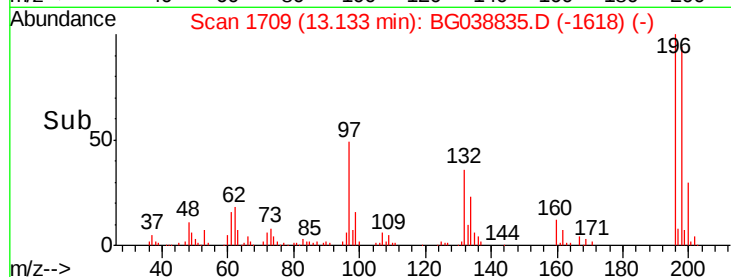
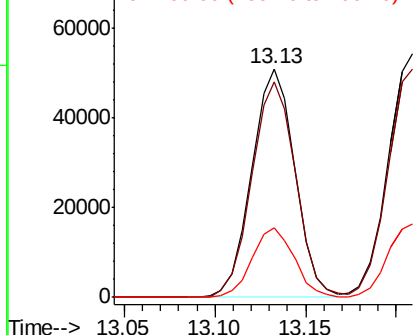
#43
 2,4,6-Trichlorophenol
 Concen: 46.755 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

Instrument :
 BNA_G
 ClientSampled :
 R20-OSMSD

Tot Ion:196 Resp: 83882
 Ion Ratio Lower Upper
 196 100
 198 94.2 75.0 112.4
 200 30.4 22.4 33.6



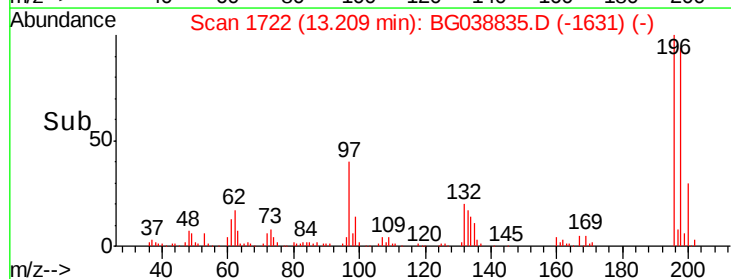
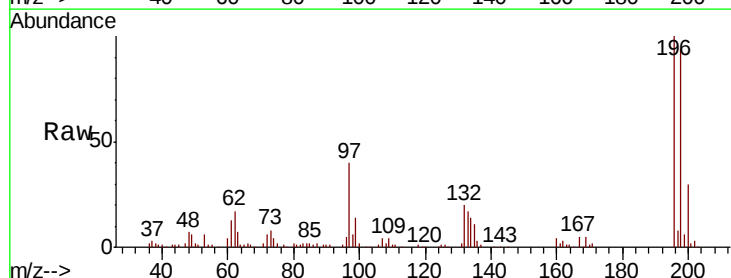
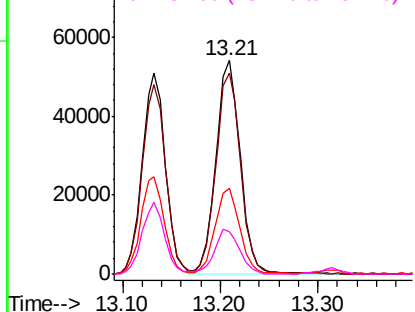
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

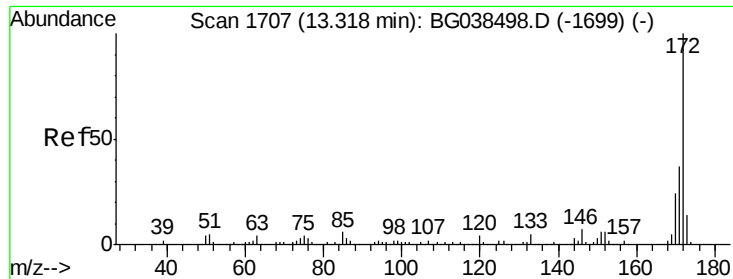


#44
 2,4,5-Trichlorophenol
 Concen: 49.253 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. 0.00 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

Tgt Ion:196 Resp: 93557
 Ion Ratio Lower Upper
 196 100
 198 93.9 74.0 111.0
 97 40.1 35.1 52.7
 132 19.6 18.0 27.0

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

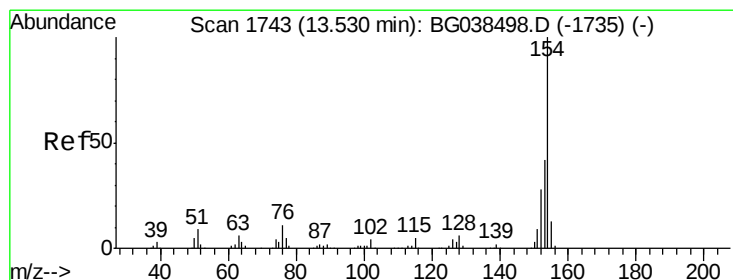
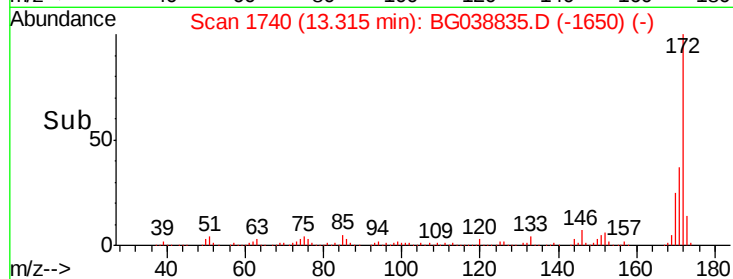
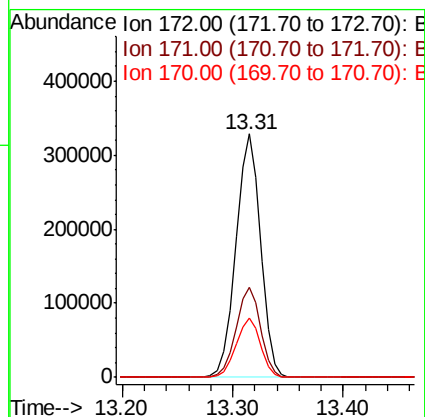
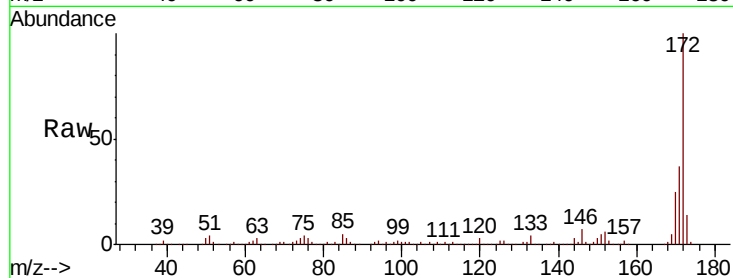




#45
2-Fluorobiphenyl
Concen: 90.281 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

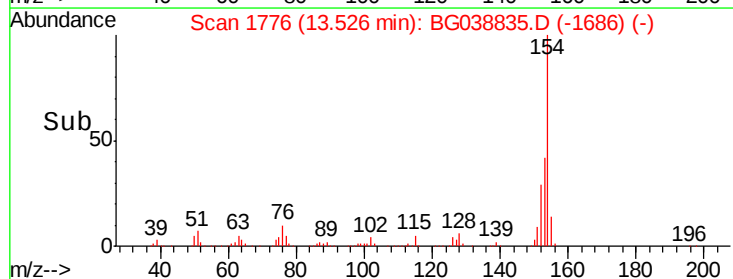
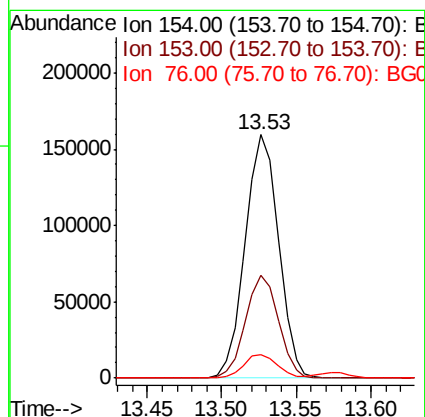
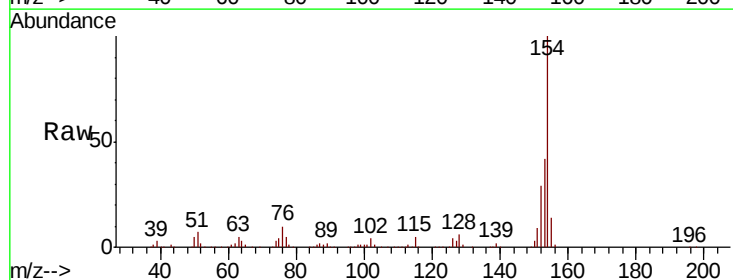
Instrument :
BNA_G
ClientSampleId :
R20-OSMSD

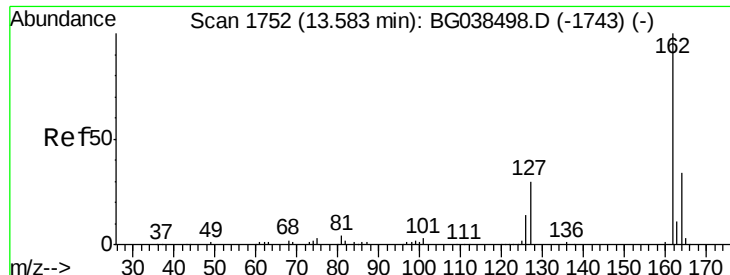
Tot Ion:172 Resp: 513704
Ion Ratio Lower Upper
172 100
171 36.8 29.8 44.6
170 24.5 19.5 29.3



#46
1,1'-Biphenyl
Concen: 37.736 ng
RT: 13.53 min Scan# 1776
Delta R.T. -0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Tgt Ion:154 Resp: 246941
Ion Ratio Lower Upper
154 100
153 42.2 22.1 62.1
76 9.6 0.0 31.2

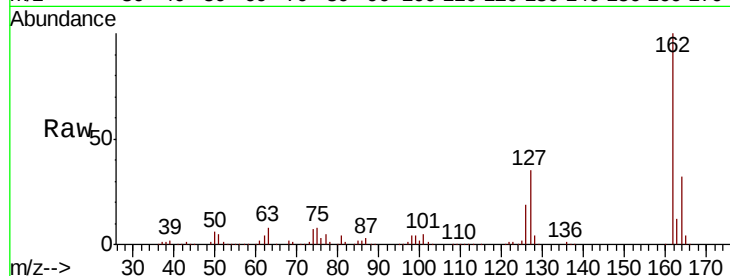




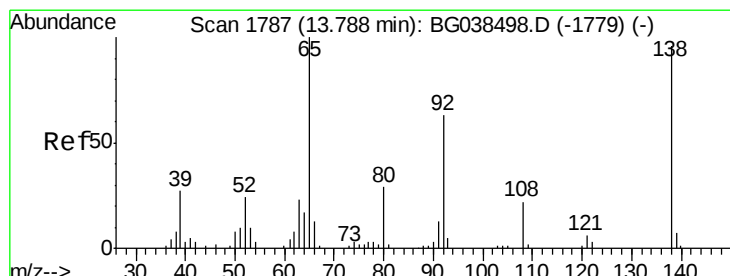
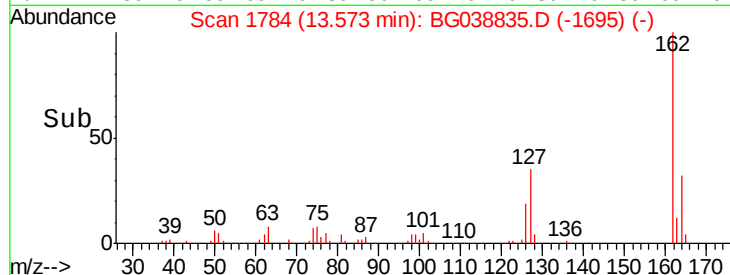
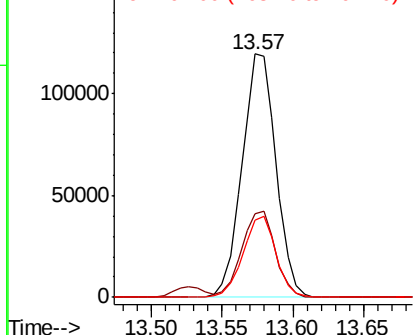
#47
 2-Chloronaphthalene
 Concen: 39.643 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

Instrument :
 BNA_G
 ClientSampleId :
 R20-OSMSD

Tot Ion:162 Resp: 200385
 Ion Ratio Lower Upper
 162 100
 127 34.6 27.8 41.8
 164 31.7 26.9 40.3

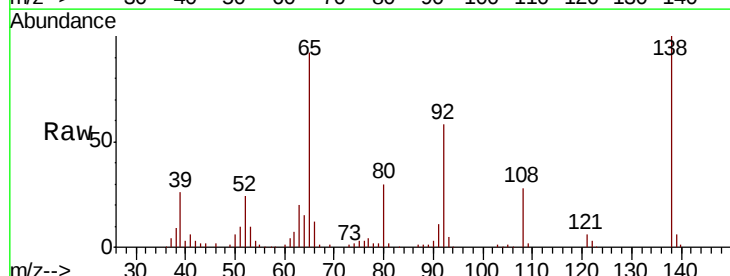


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

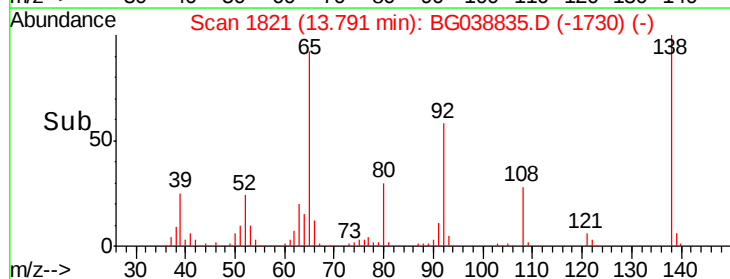
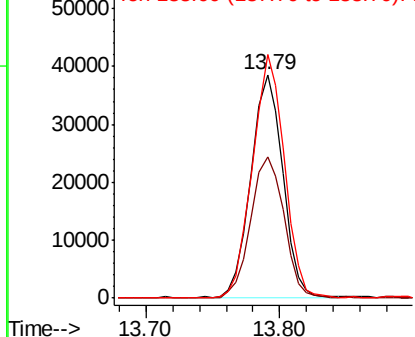


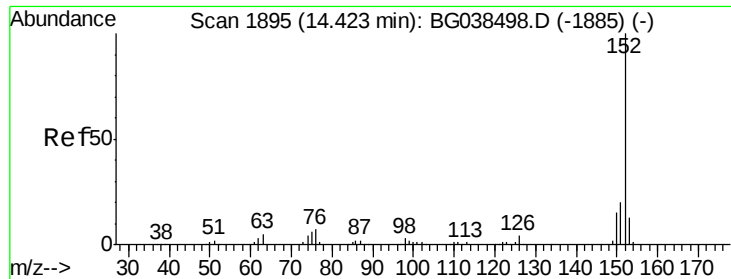
#48
 2-Nitroaniline
 Concen: 39.645 ng
 RT: 13.79 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

Tgt Ion: 65 Resp: 63832
 Ion Ratio Lower Upper
 65 100
 92 63.0 50.0 75.0
 138 108.8 76.9 115.3



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





#49

Acenaphthylene

Concen: 43.304 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

Instrument :

BNA_G

ClientSampleId :

R20-OSMSD

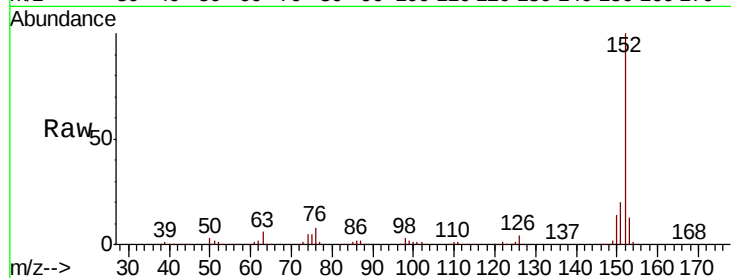
Tot Ion:152 Resp: 327238

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

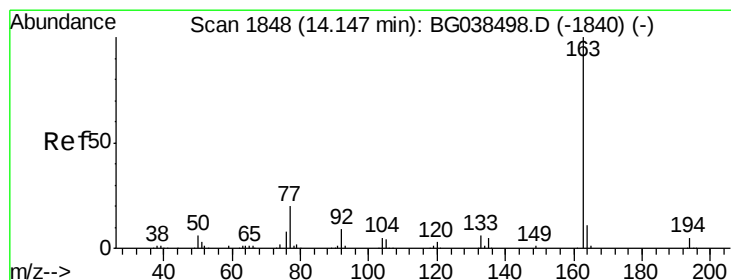
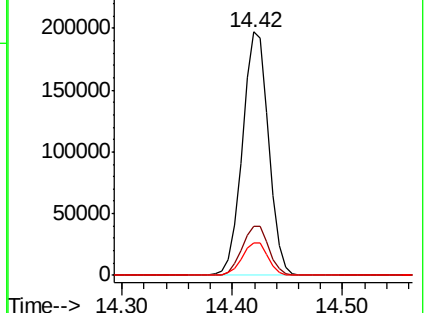
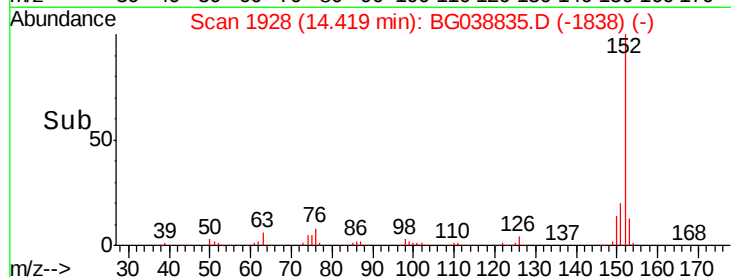
153 13.2 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.318 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

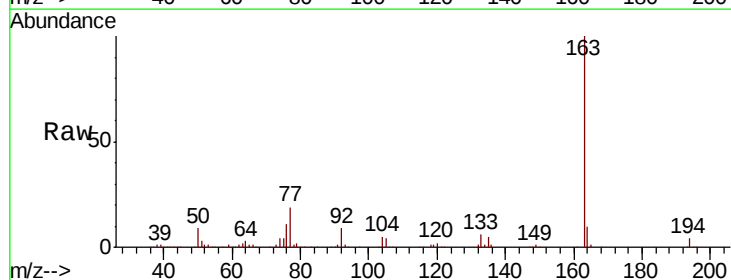
Tgt Ion:163 Resp: 276133

Ion Ratio Lower Upper

163 100

194 4.3 3.7 5.5

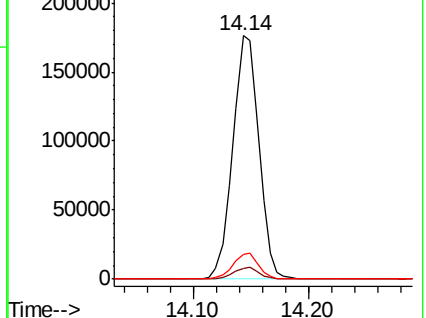
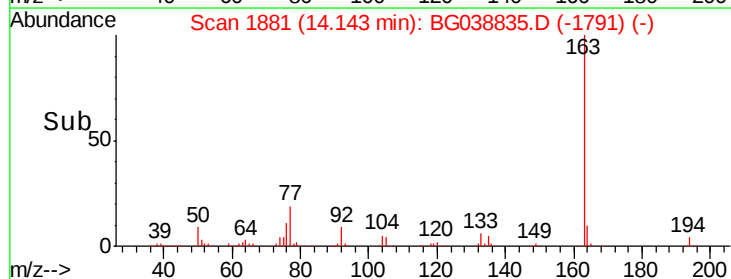
164 10.3 8.6 12.8

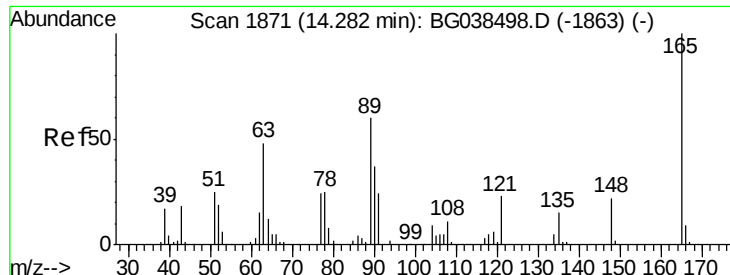


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

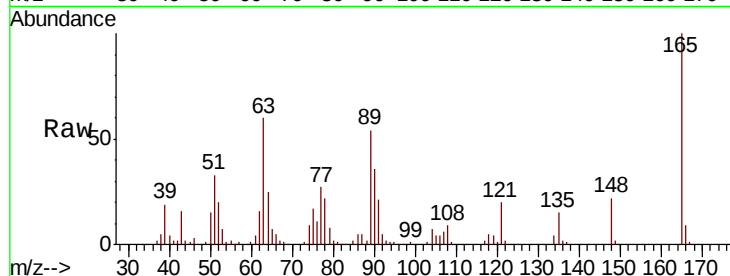




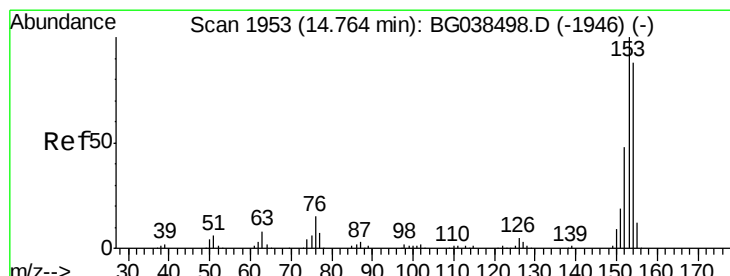
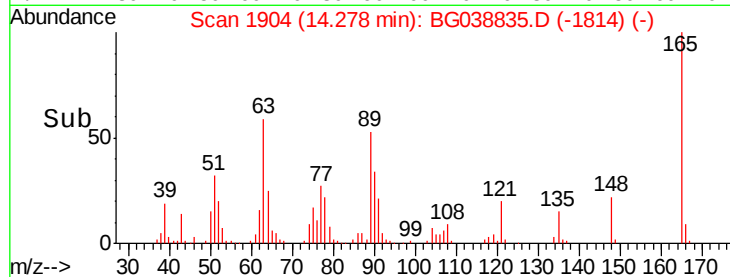
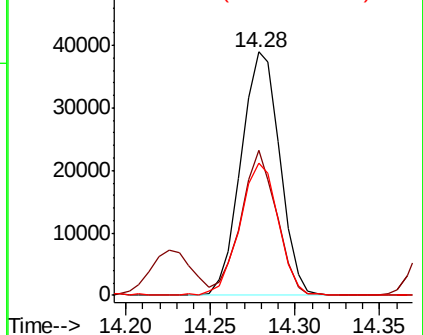
#51
 2,6-Dinitrotoluene
 Concen: 43.062 ng
 RT: 14.28 min Scan# 1904
 Delta R.T. -0.00 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

Instrument :
 BNA_G
 ClientSampleId :
 R20-OSMSD

Tot Ion:165 Resp: 62206
 Ion Ratio Lower Upper
 165 100
 63 59.7 51.8 77.6
 89 54.2 47.9 71.9

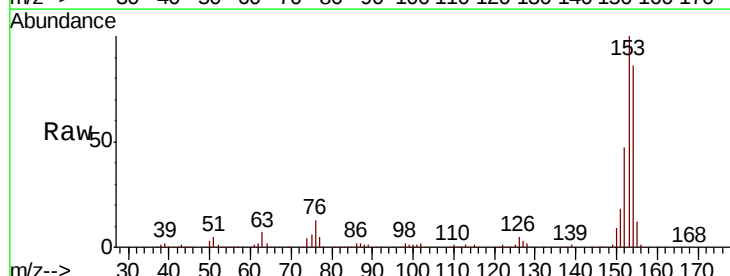


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

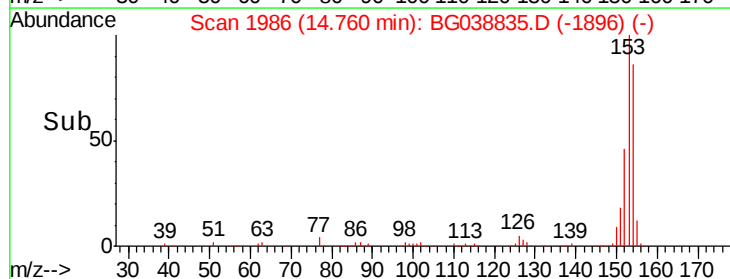
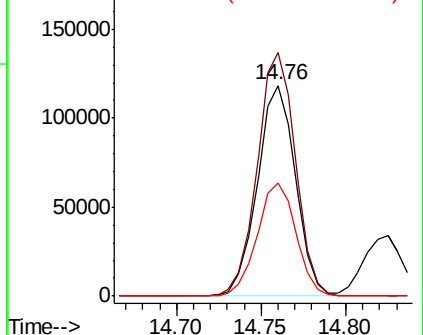


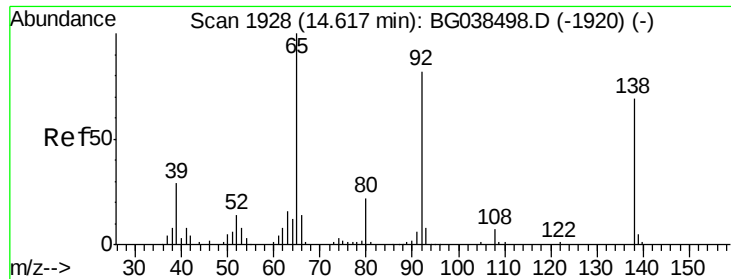
#52
 Acenaphthene
 Concen: 41.196 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

Tgt Ion:154 Resp: 186149
 Ion Ratio Lower Upper
 154 100
 153 115.7 90.6 136.0
 152 54.0 43.5 65.3



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

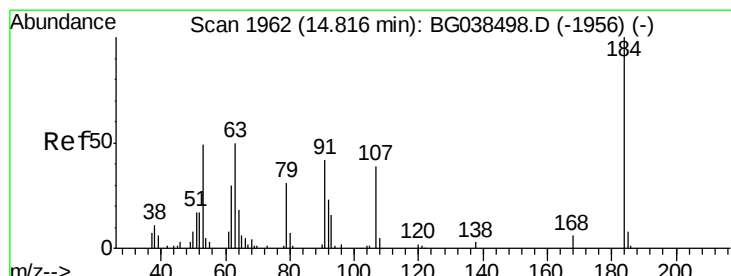
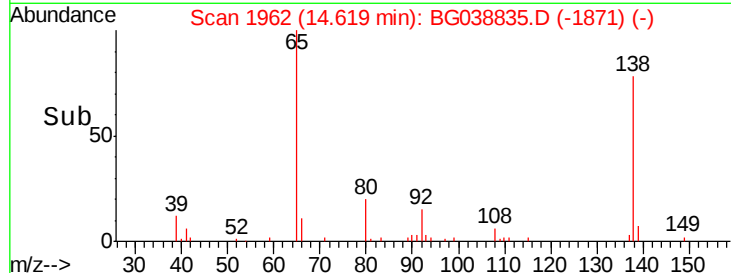
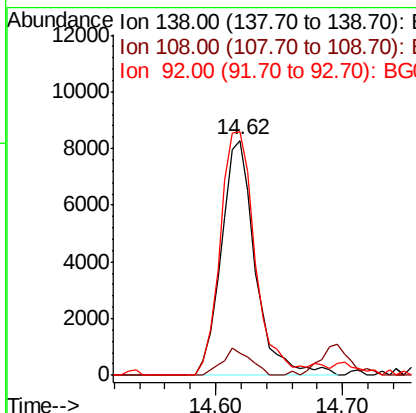
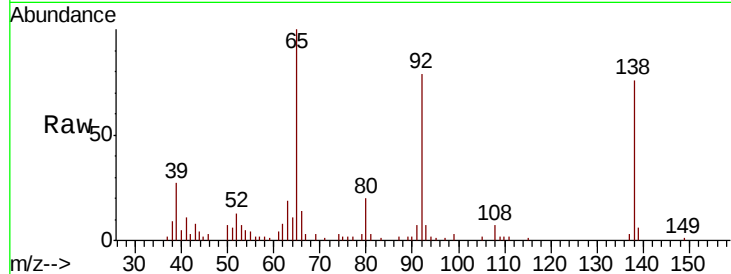




#53
 3-Nitroaniline
 Concen: 10.387 ng
 RT: 14.62 min Scan# 1962
 Delta R.T. 0.00 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

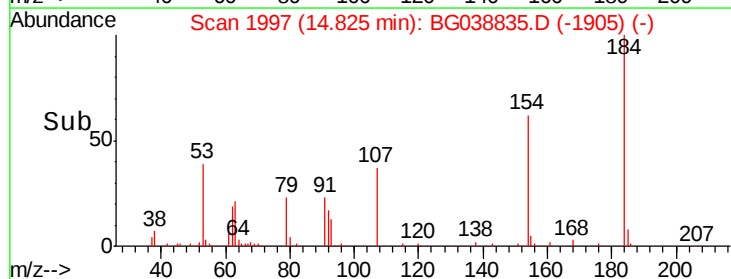
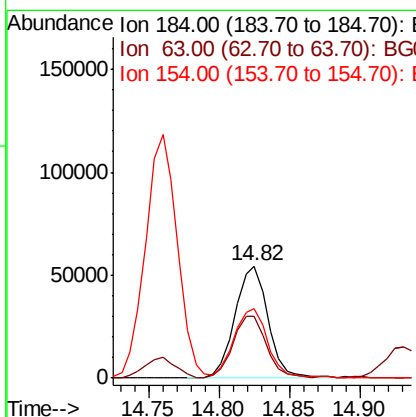
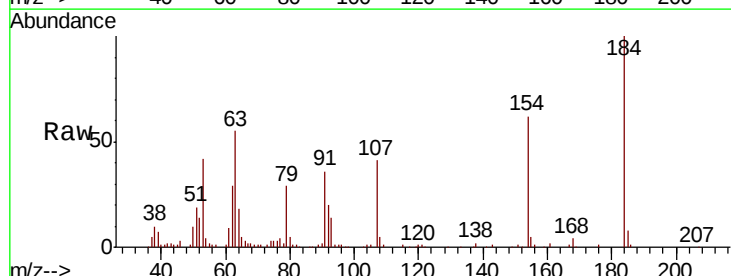
Instrument :
 BNA_G
 ClientSampleId :
 R20-OSMSD

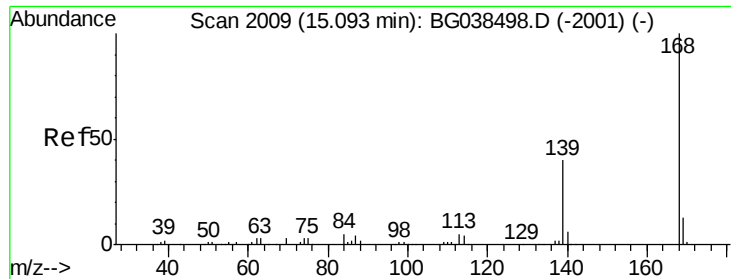
Tot Ion:138 Resp: 15296
 Ion Ratio Lower Upper
 138 100
 108 9.5 7.9 11.9
 92 103.6 95.3 142.9



#54
 2,4-Dinitrophenol
 Concen: 102.755 ng
 RT: 14.82 min Scan# 1997
 Delta R.T. 0.01 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

Tgt Ion:184 Resp: 89676
 Ion Ratio Lower Upper
 184 100
 63 54.5 47.0 70.6
 154 62.0 50.3 75.5

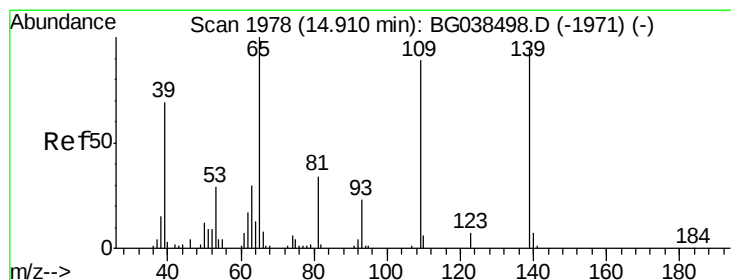
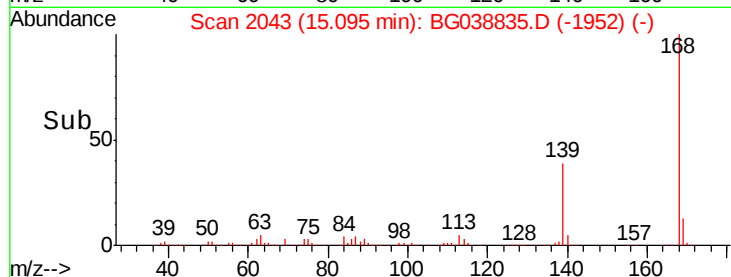
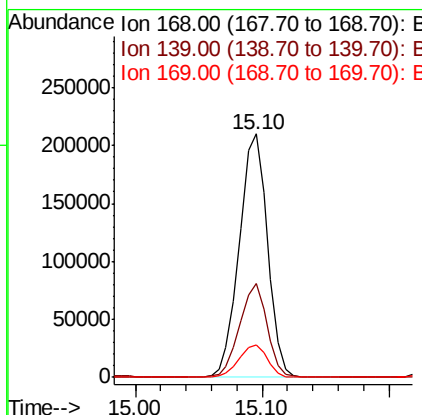
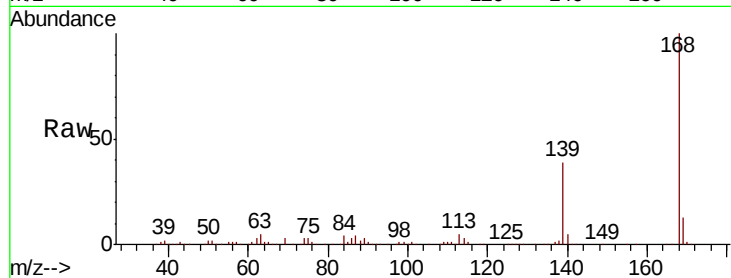




#55
Dibenzenofuran
Concen: 41.856 ng
RT: 15.10 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

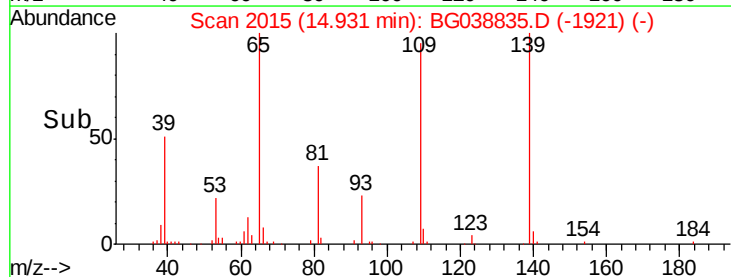
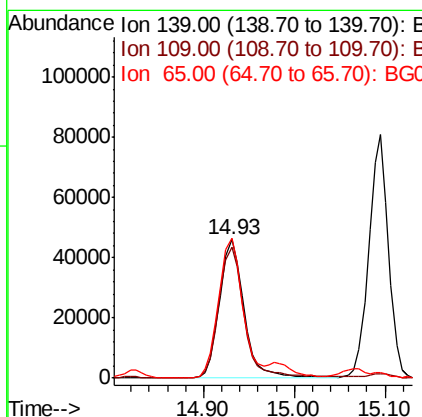
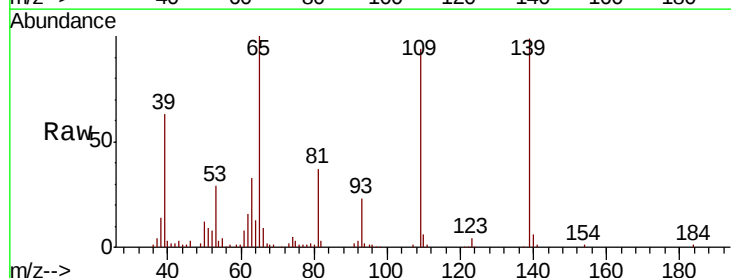
Instrument :
BNA_G
ClientSampleId :
R20-OSMSD

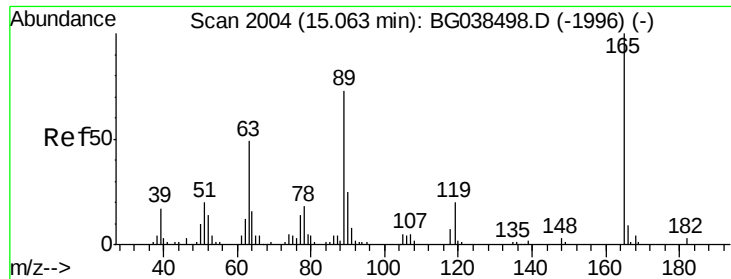
Tot Ion:168 Resp: 324202
Ion Ratio Lower Upper
168 100
139 38.5 32.2 48.2
169 13.5 10.6 16.0



#56
4-Nitrophenol
Concen: 78.417 ng
RT: 14.93 min Scan# 2015
Delta R.T. 0.02 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Tgt Ion:139 Resp: 87603
Ion Ratio Lower Upper
139 100
109 94.7 73.6 113.6
65 101.0 84.8 124.8

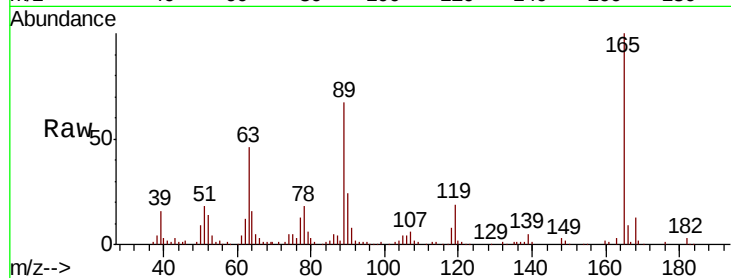




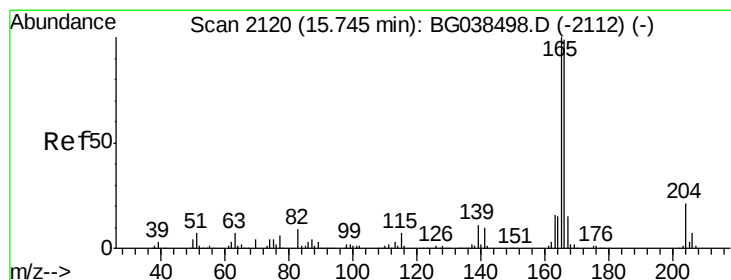
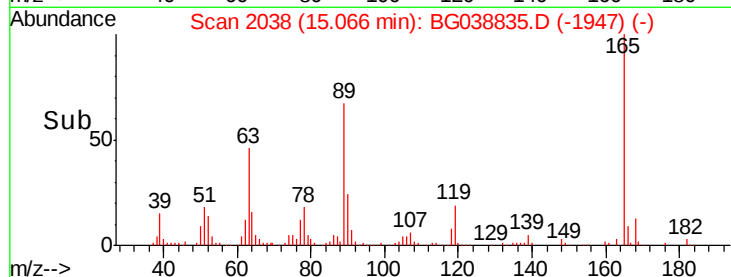
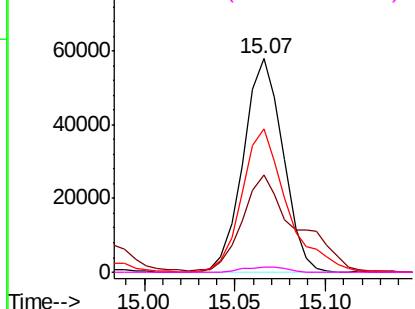
#57
2,4-Dinitrotoluene
Concen: 43.169 ng
RT: 15.07 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Instrument :
BNA_G
ClientSampleId :
R20-OSMSD

Tot Ion:165 Resp: 87833
Ion Ratio Lower Upper
165 100
63 45.7 39.0 58.4
89 66.9 58.0 87.0
182 2.6 2.3 3.5

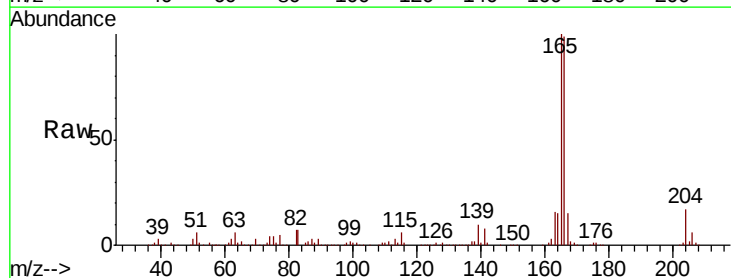


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 89.00 (88.70 to 89.70): BGO
Ion 182.00 (181.70 to 182.70): E

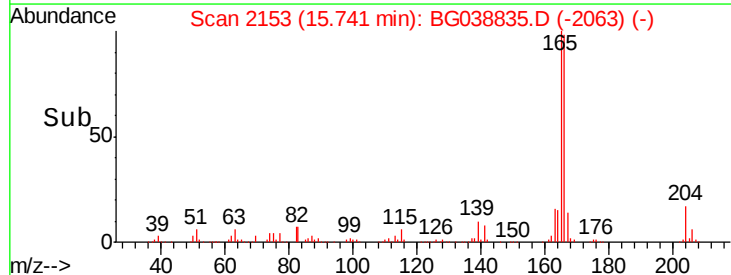
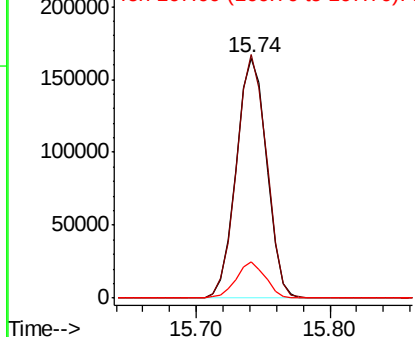


#58
Fluorene
Concen: 45.185 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Tgt Ion:166 Resp: 259298
Ion Ratio Lower Upper
166 100
165 101.4 80.6 120.8
167 15.0 12.0 18.0



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

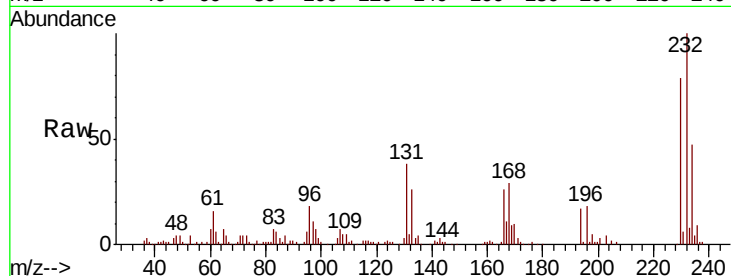




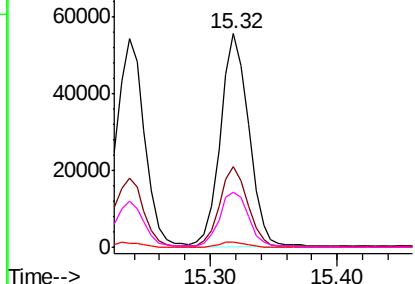
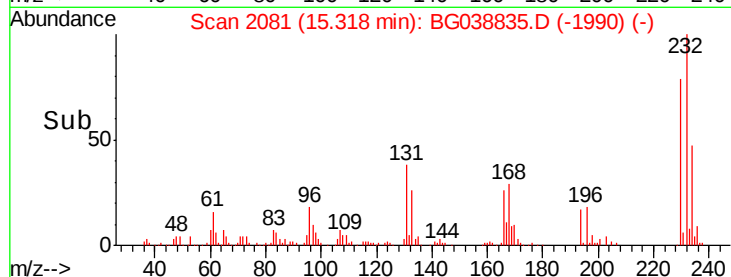
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.282 ng
RT: 15.32 min Scan# 2081
Delta R.T. 0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Instrument :
BNA_G
ClientSampleId :
R20-OSMSD

Tot Ion:232 Resp: 85930
Ion Ratio Lower Upper
232 100
131 37.2 33.0 49.4
130 2.5 2.0 3.0
166 26.9 23.1 34.7

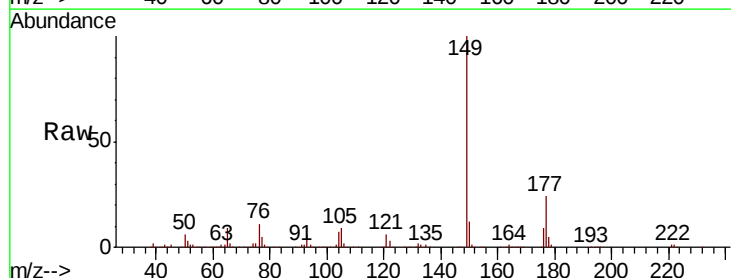


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

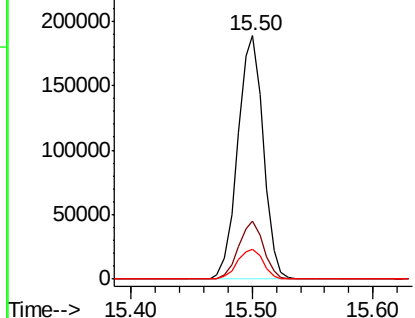
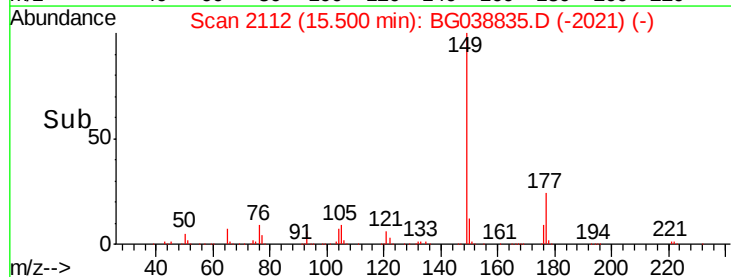


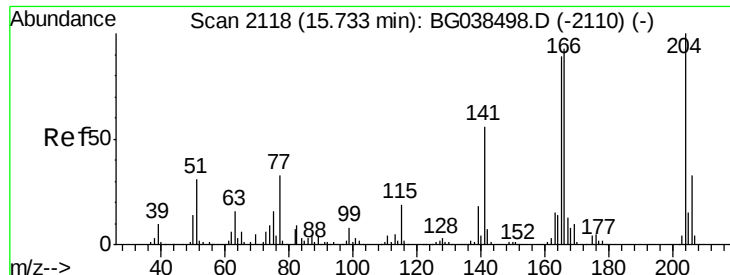
#60
Diethylphthalate
Concen: 39.712 ng
RT: 15.50 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Tgt Ion:149 Resp: 277902
Ion Ratio Lower Upper
149 100
177 23.6 17.7 26.5
150 12.4 9.9 14.9



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

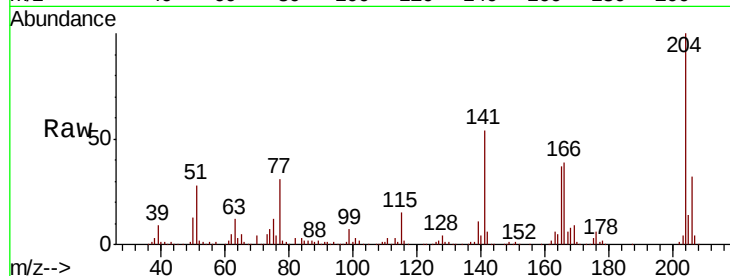




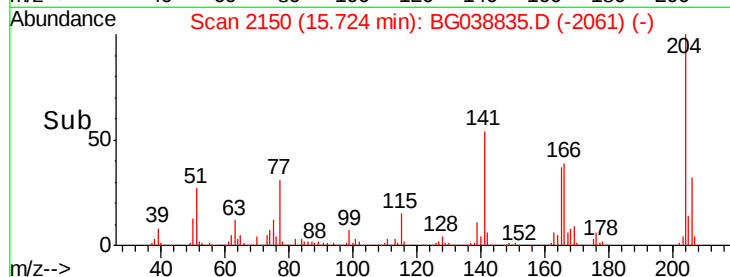
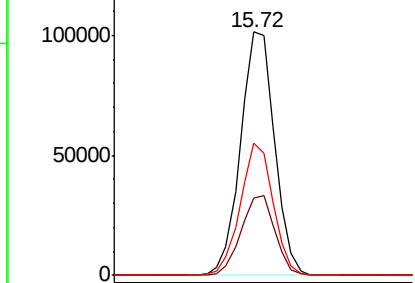
#61
4-Chlorophenyl-phenylether
Concen: 42.146 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Instrument :
BNA_G
ClientSampleId :
R20-OSMSD

Tot Ion:204 Resp: 150904
Ion Ratio Lower Upper
204 100
206 31.7 26.0 39.0
141 54.5 44.4 66.6

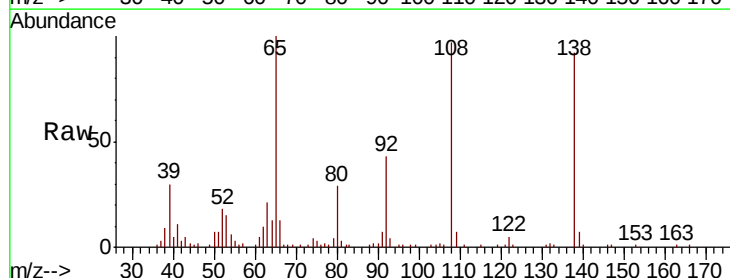


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

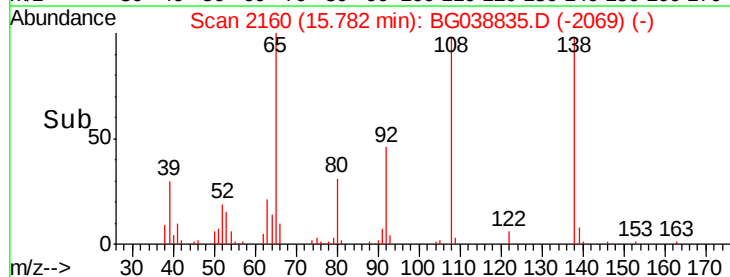
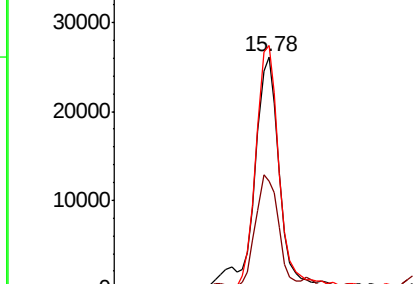


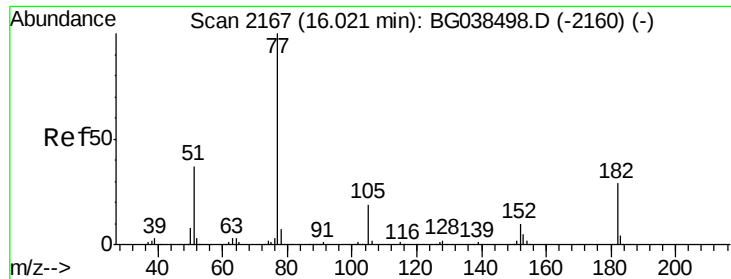
#62
4-Nitroaniline
Concen: 33.907 ng
RT: 15.78 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Tgt Ion:138 Resp: 51405
Ion Ratio Lower Upper
138 100
92 46.5 33.3 73.3
108 104.9 81.4 121.4



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

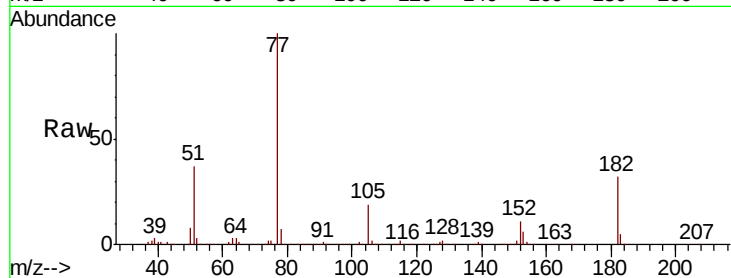




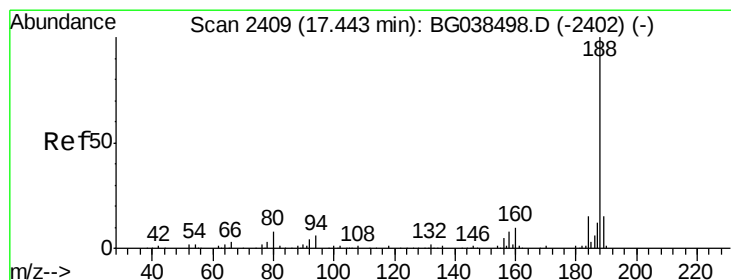
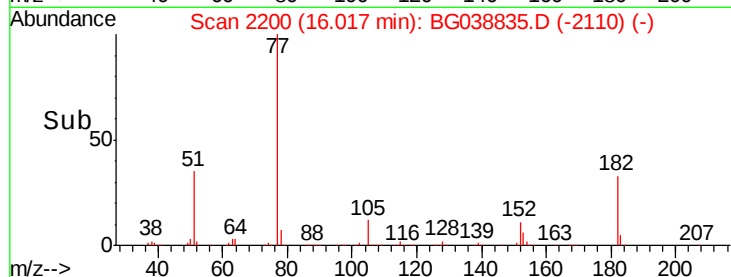
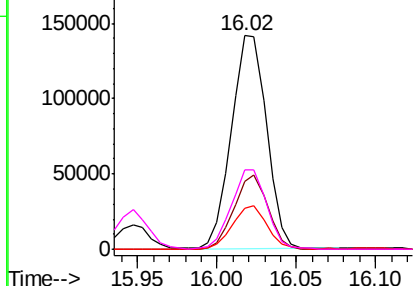
#63
Azobenzene
Concen: 37.340 ng
RT: 16.02 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Instrument :
BNA_G
ClientSampleId :
R20-OSMSD

Tot Ion: 77 Resp: 218286
Ion Ratio Lower Upper
77 100
182 32.0 8.7 48.7
105 19.0 0.0 38.7
51 37.0 16.6 56.6

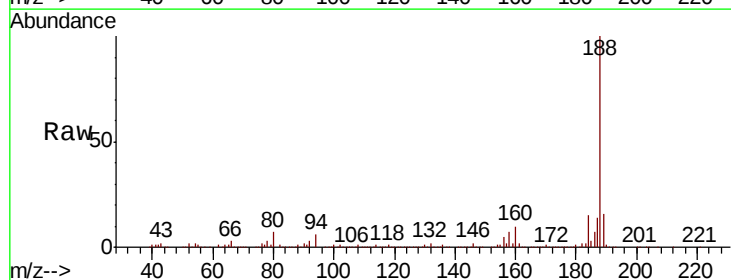


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

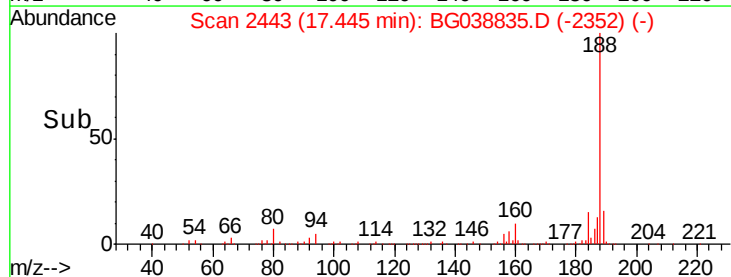
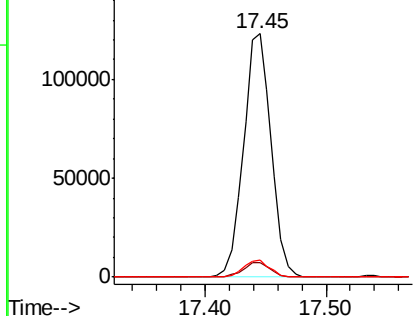


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Tgt Ion: 188 Resp: 195382
Ion Ratio Lower Upper
188 100
94 6.0 5.1 7.7
80 6.9 6.1 9.1



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

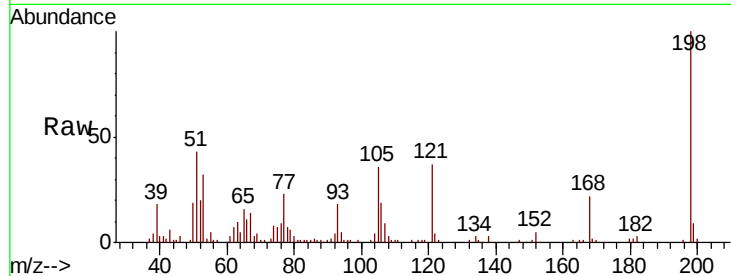




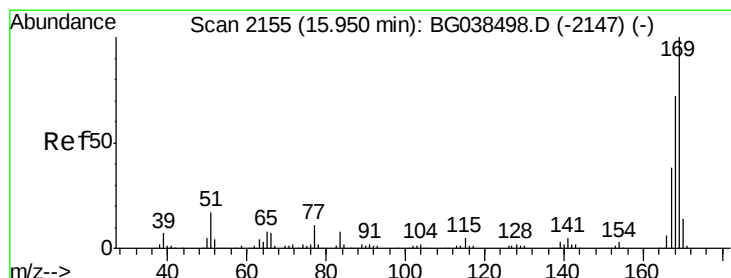
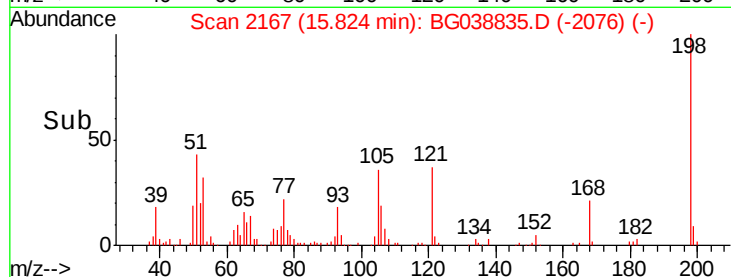
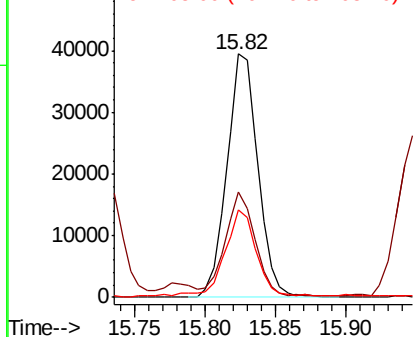
#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.241 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. 0.00 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

Instrument :
 BNA_G
 ClientSampleId :
 R20-OSMSD

Tot Ion:198 Resp: 60268
 Ion Ratio Lower Upper
 198 100
 51 43.2 28.6 68.6
 105 36.0 20.4 60.4

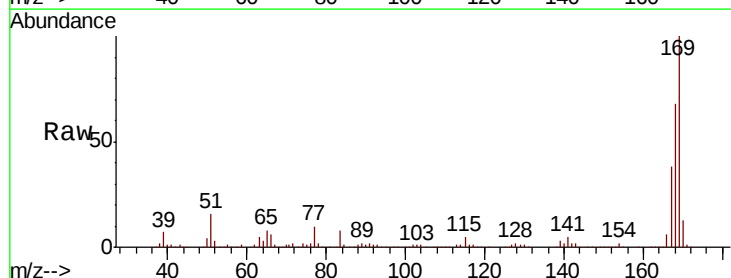


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

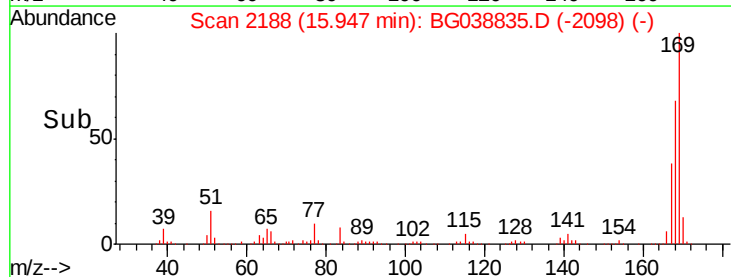
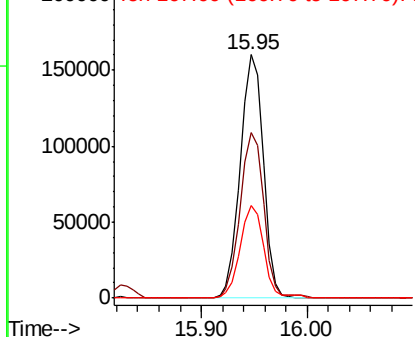


#66
 n-Nitrosodiphenylamine
 Concen: 42.079 ng
 RT: 15.95 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

Tgt Ion:169 Resp: 241565
 Ion Ratio Lower Upper
 169 100
 168 68.0 57.5 86.3
 167 37.8 30.2 45.2



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

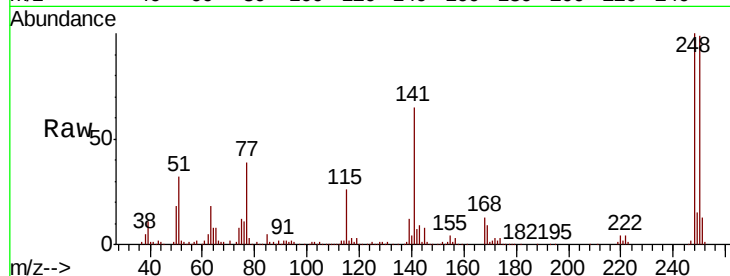




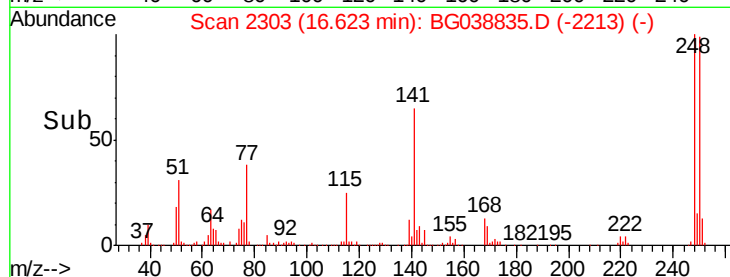
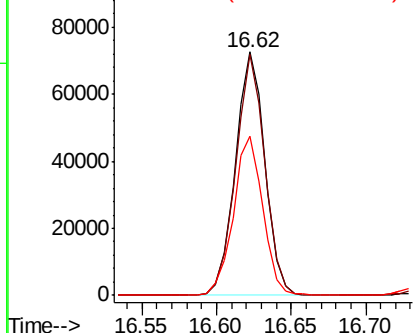
#67
 4-Bromophenyl-phenylether
 Concen: 41.786 ng
 RT: 16.62 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

Instrument :
 BNA_G
 ClientSampleId :
 R20-OSMSD

Tot Ion:248 Resp: 99709
 Ion Ratio Lower Upper
 248 100
 250 99.2 73.4 110.2
 141 65.4 52.9 79.3

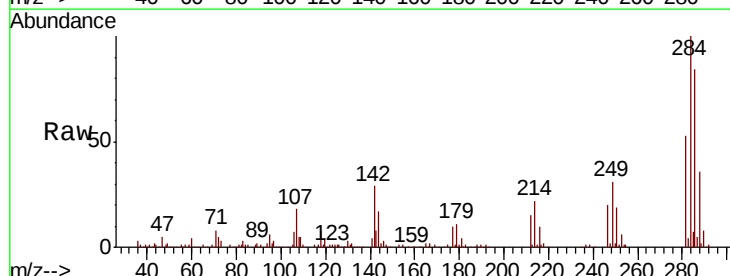


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

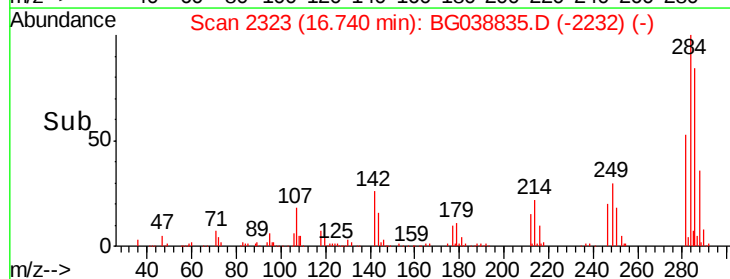
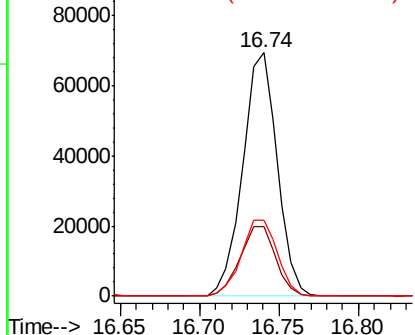


#68
 Hexachlorobenzene
 Concen: 42.246 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. 0.00 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

Tgt Ion:284 Resp: 104496
 Ion Ratio Lower Upper
 284 100
 142 28.7 25.8 38.6
 249 33.3 27.0 40.4



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





#69

Atrazine

Concen: 44.577 ng

RT: 16.89 min Scan# 2349

Delta R.T. 0.00 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

Instrument :

BNA_G

ClientSampleId :

R20-OSMSD

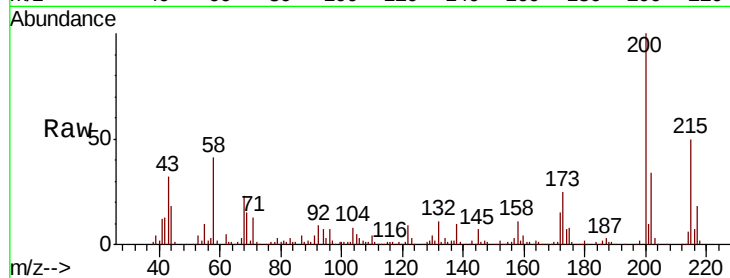
Tot Ion:200 Resp: 94970

Ion Ratio Lower Upper

200 100

173 24.8 5.9 45.9

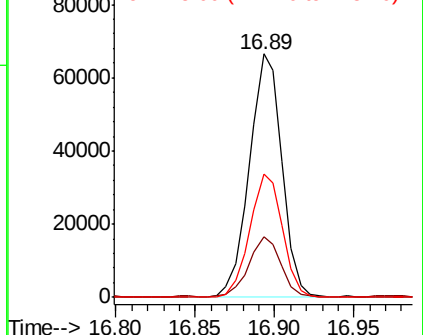
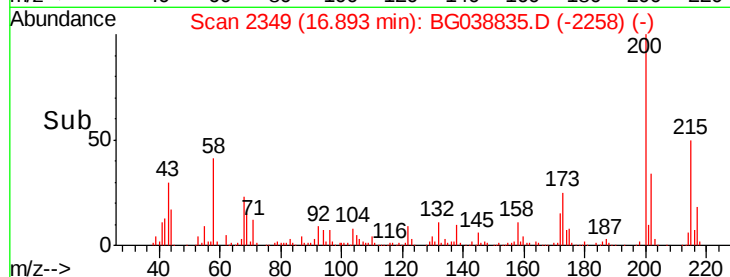
215 50.5 33.1 73.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 91.219 ng

RT: 17.09 min Scan# 2383

Delta R.T. 0.00 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

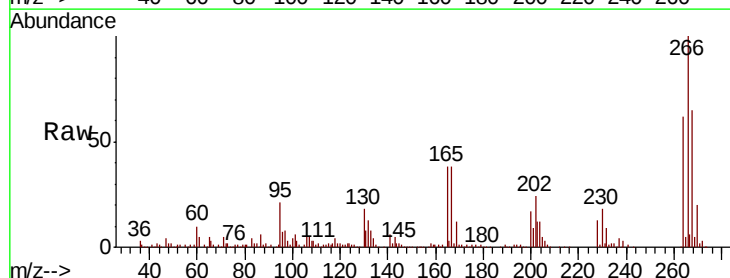
Tgt Ion:266 Resp: 133460

Ion Ratio Lower Upper

266 100

268 69.3 55.0 82.6

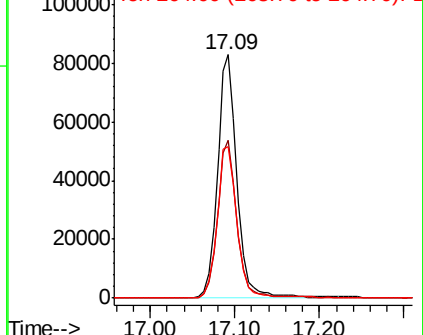
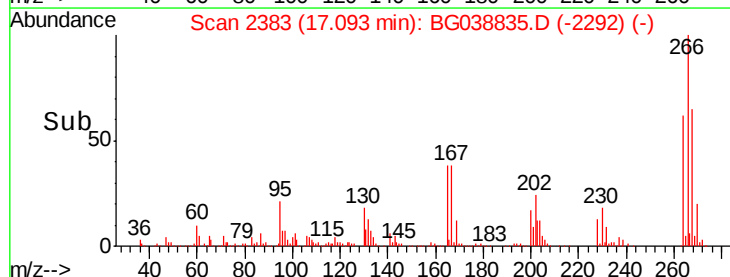
264 67.1 56.7 85.1

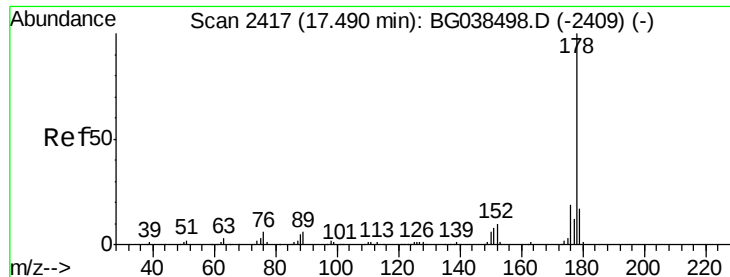


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

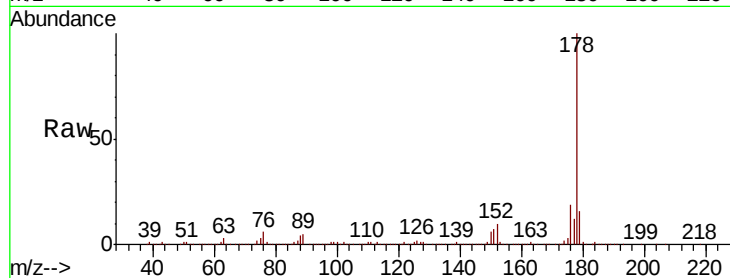




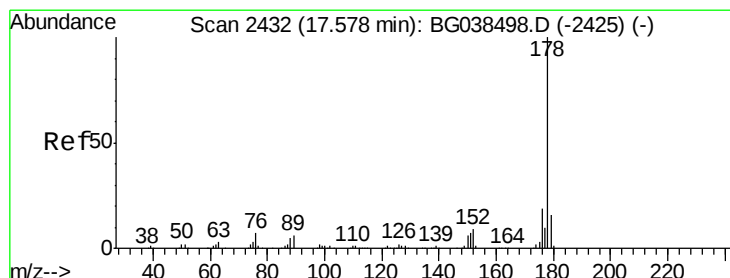
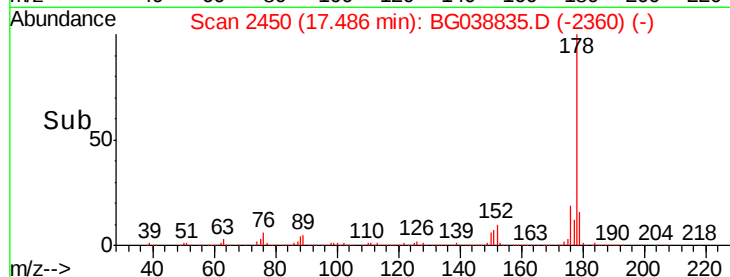
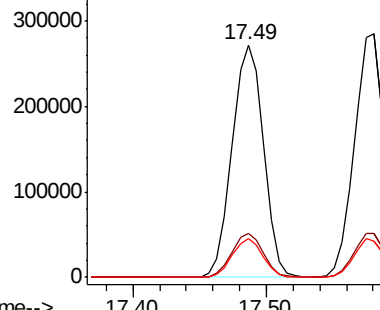
#71
Phenanthrene
Concen: 43.597 ng
RT: 17.49 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Instrument :
BNA_G
ClientSampleId :
R20-OSMSD

Tot Ion:178 Resp: 441722
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 16.4 13.2 19.8

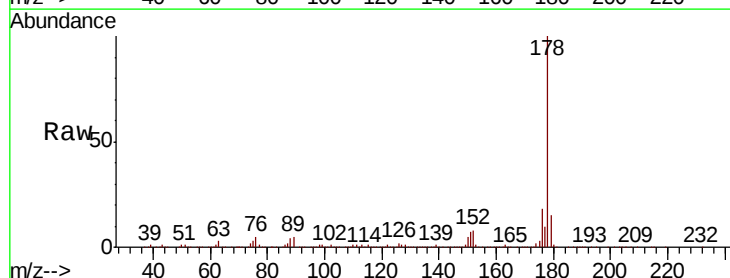


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

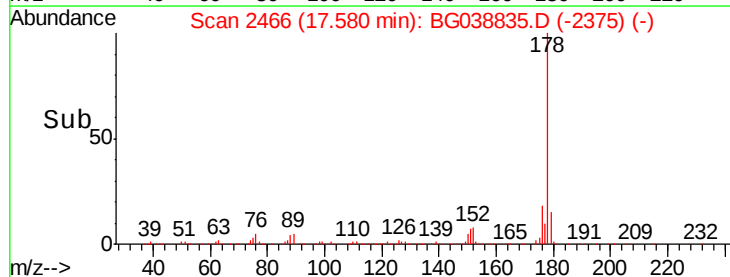
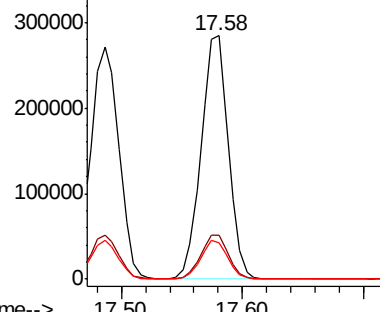


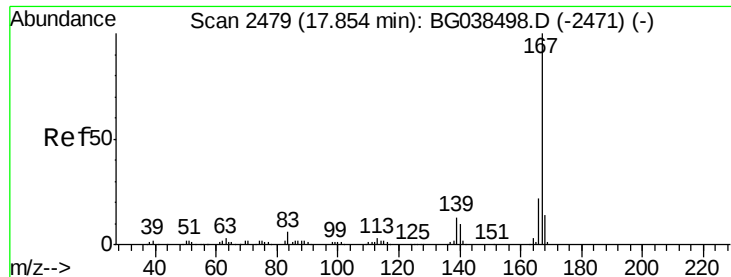
#72
Anthracene
Concen: 44.412 ng
RT: 17.58 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Tgt Ion:178 Resp: 444223
Ion Ratio Lower Upper
178 100
176 18.1 15.1 22.7
179 15.1 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

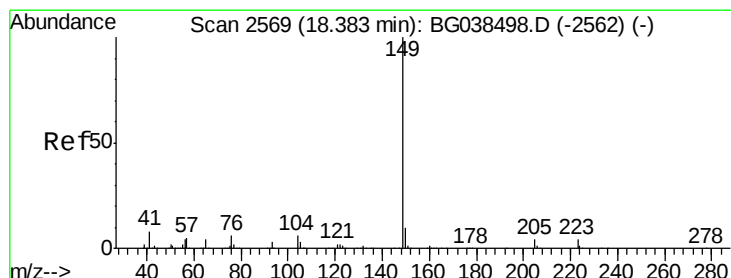
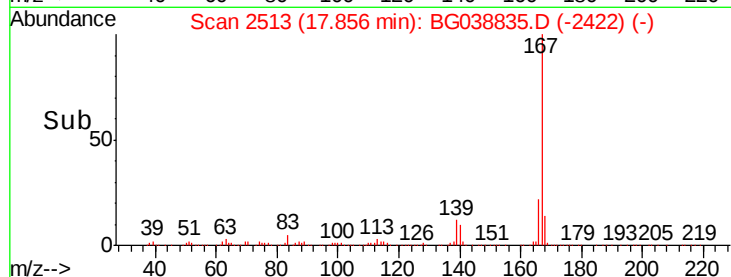
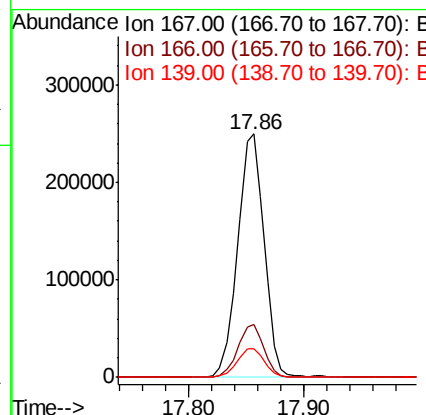
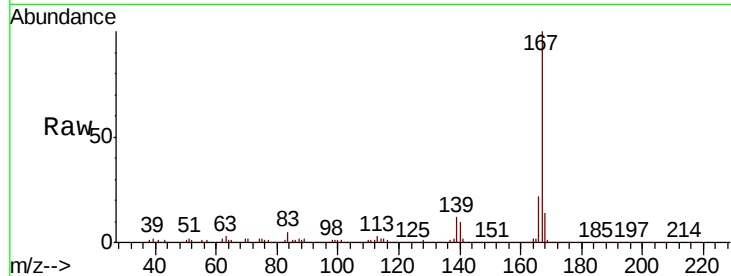




#73
 Carbazole
 Concen: 39.955 ng
 RT: 17.86 min Scan# 2513
 Delta R.T. 0.00 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

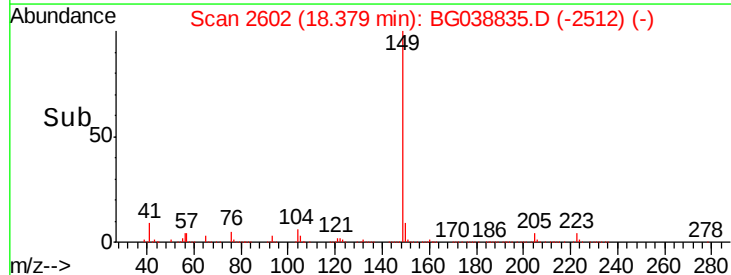
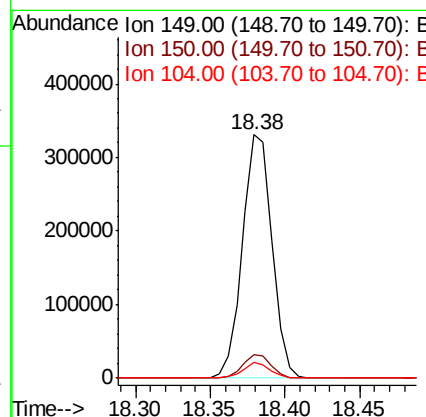
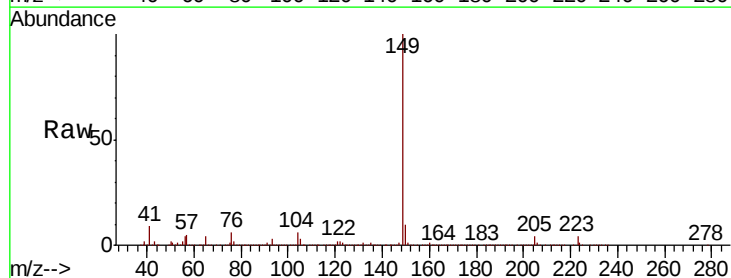
Instrument :
 BNA_G
 ClientSampleId :
 R20-OSMSD

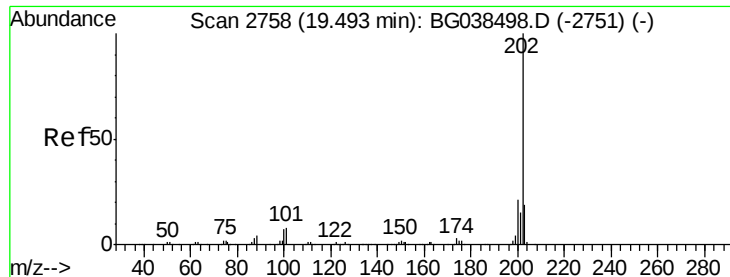
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.9	26.9
139	12.0	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 39.855 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. -0.00 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	6.3	5.0	7.4





#75

Fluoranthene

Concen: 42.280 ng

RT: 19.50 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

Instrument :

BNA_G

ClientSampleId :

R20-OSMSD

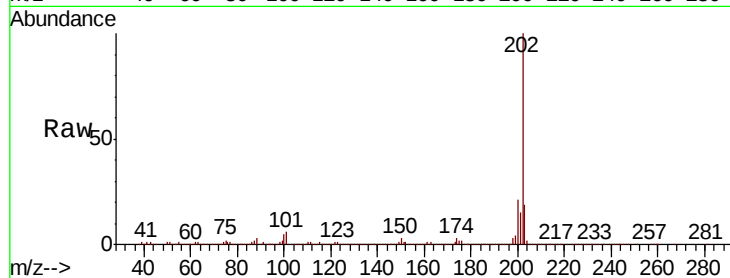
Tot Ion:202 Resp: 530014

Ion Ratio Lower Upper

202 100

101 5.7 0.0 28.1

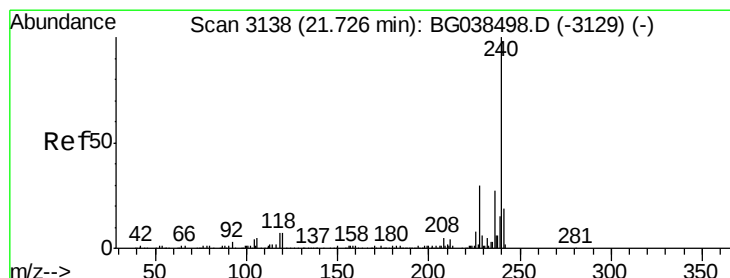
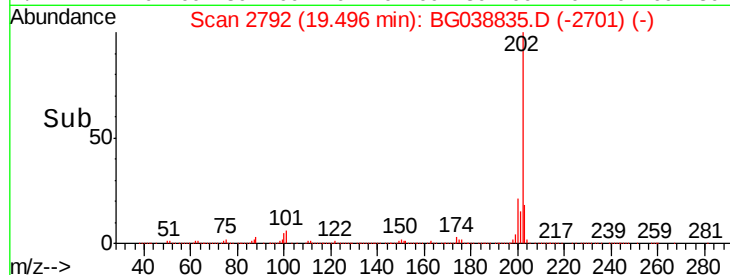
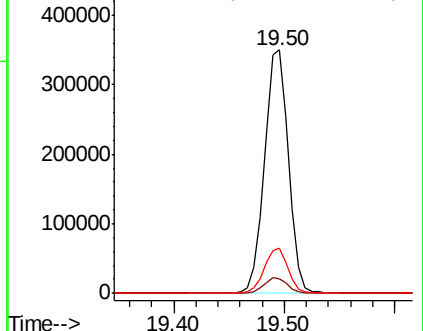
203 18.6 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.73 min Scan# 3172

Delta R.T. 0.00 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

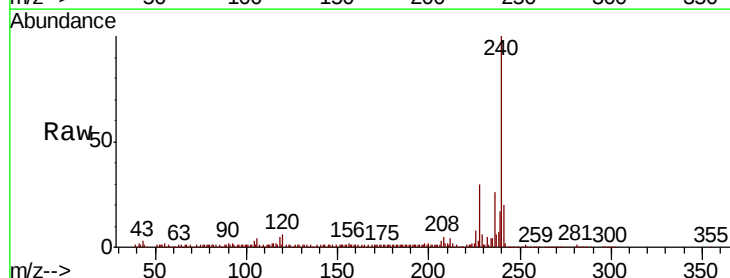
Tgt Ion:240 Resp: 198682

Ion Ratio Lower Upper

240 100

120 6.1 5.3 7.9

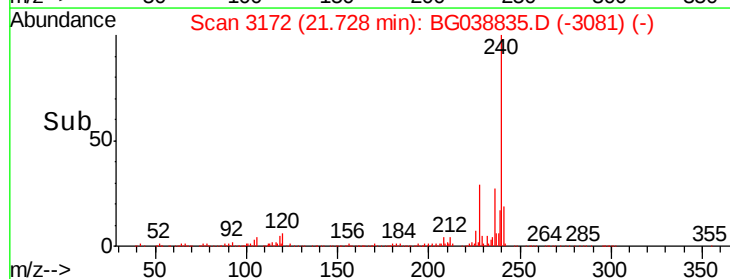
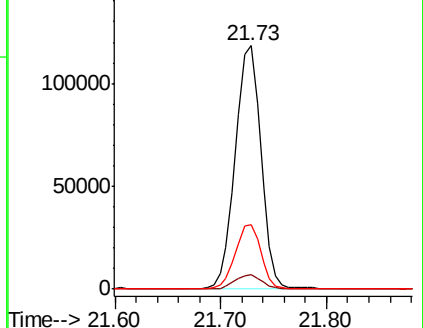
236 26.4 21.4 32.2

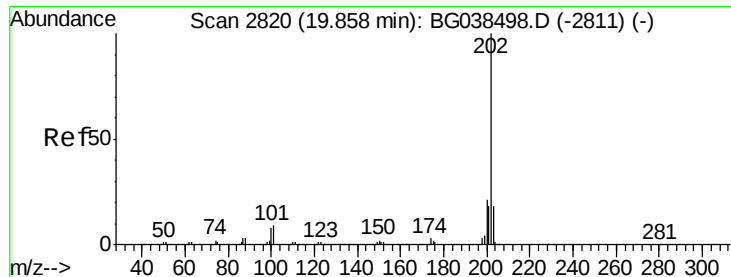


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 40.376 ng

RT: 19.86 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

Instrument :

BNA_G

ClientSampleId :

R20-OSMSD

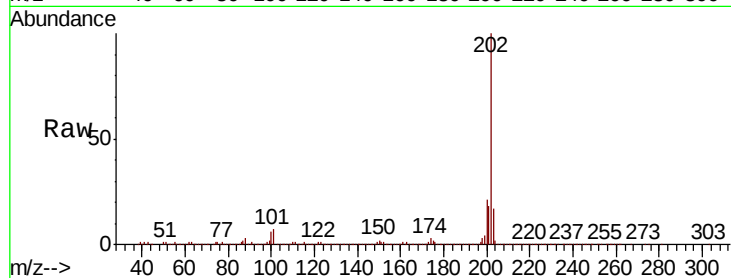
Tot Ion:202 Resp: 529955

Ion Ratio Lower Upper

202 100

200 21.2 16.6 25.0

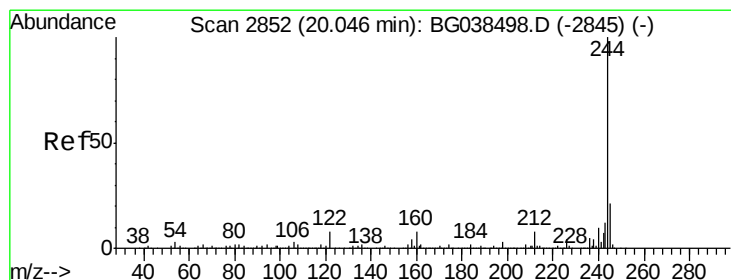
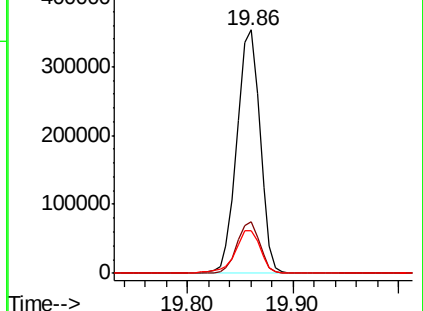
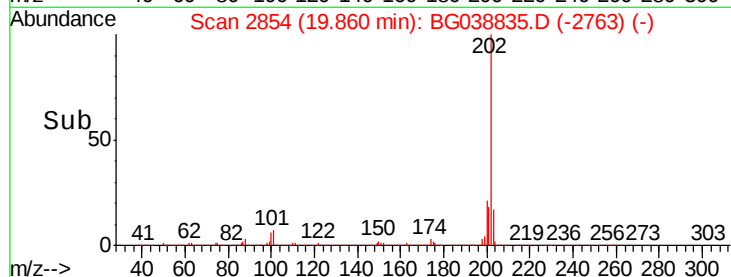
203 17.3 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 102.534 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

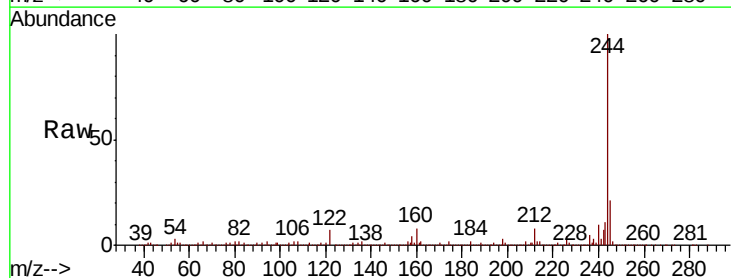
Tgt Ion:244 Resp: 936059

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

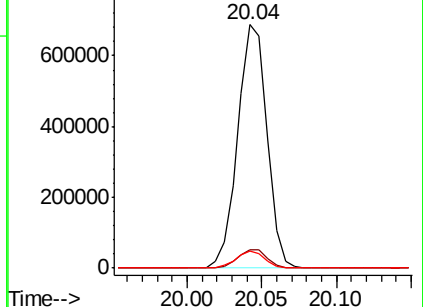
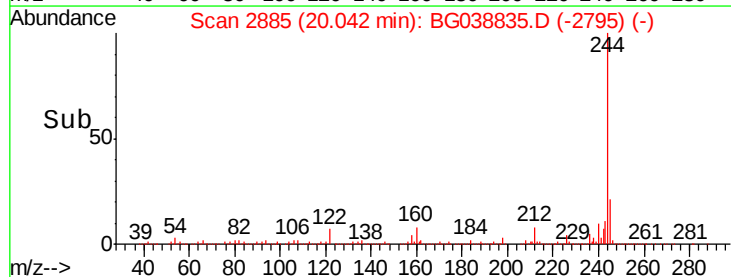
122 7.1 6.3 9.5

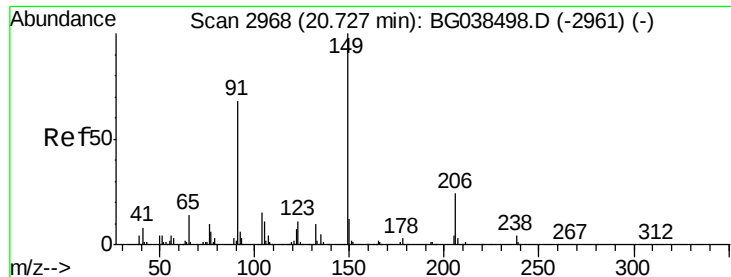


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

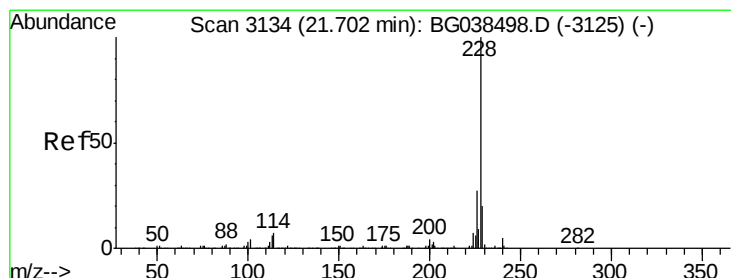
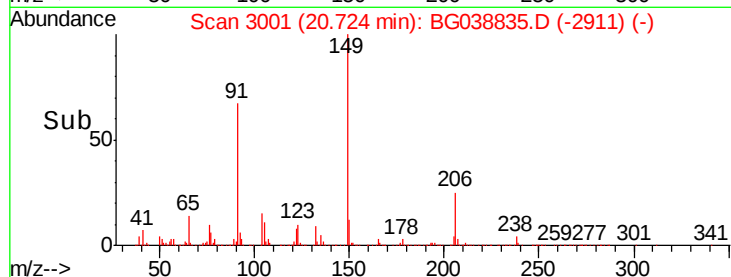
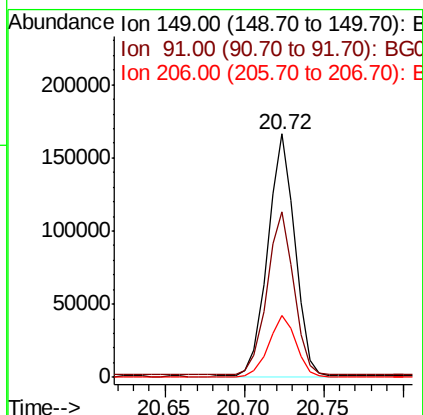
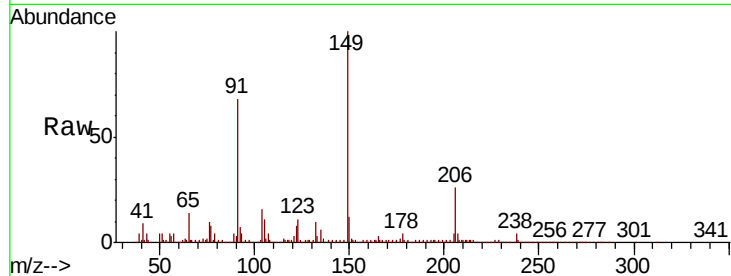




#80
Butylbenzylphthalate
Concen: 38.628 ng
RT: 20.72 min Scan# 3001
Delta R.T. -0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

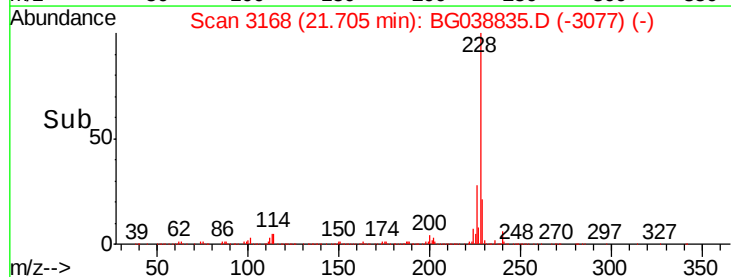
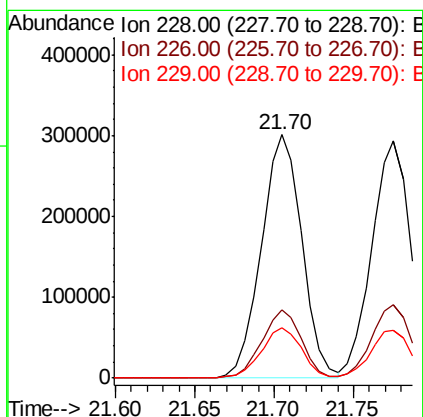
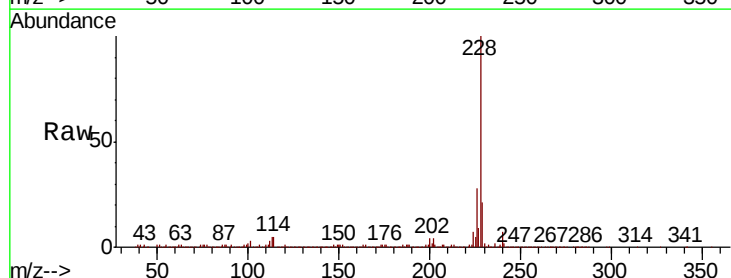
Instrument :
BNA_G
ClientSampleId :
R20-OSMSD

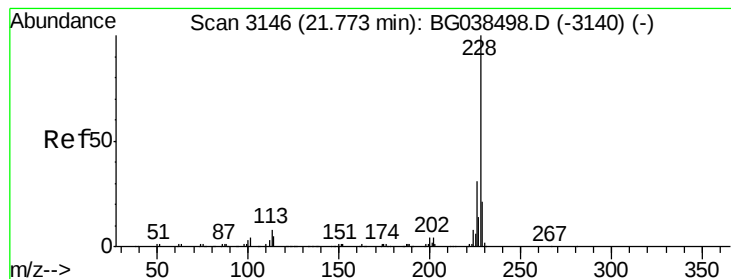
Tot Ion:149 Resp: 198082
Ion Ratio Lower Upper
149 100
91 67.7 54.5 81.7
206 25.5 19.0 28.6



#81
Benzo(a)anthracene
Concen: 43.974 ng
RT: 21.70 min Scan# 3168
Delta R.T. 0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Tgt Ion:228 Resp: 532374
Ion Ratio Lower Upper
228 100
226 27.8 21.8 32.8
229 20.8 15.8 23.6





#83

Chrysene

Concen: 42.635 ng

RT: 21.78 min Scan# 3180

Delta R.T. 0.00 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

Instrument :

BNA_G

ClientSampleId :

R20-OSMSD

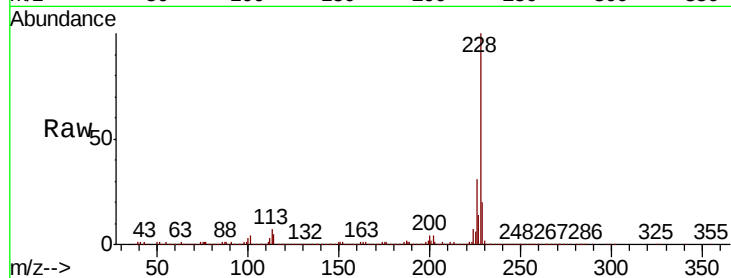
Tot Ion:228 Resp: 497168

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.4

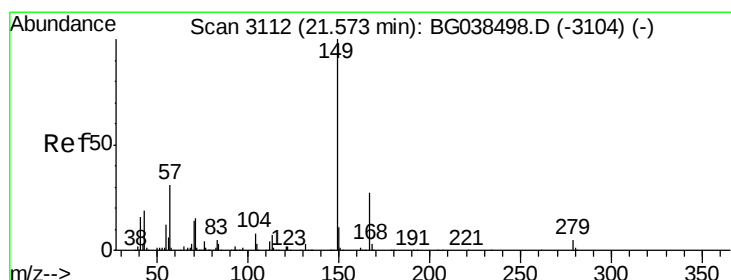
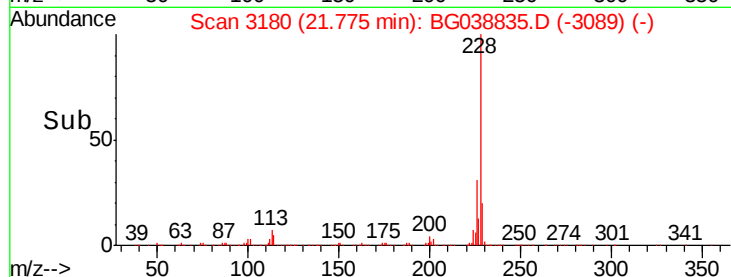
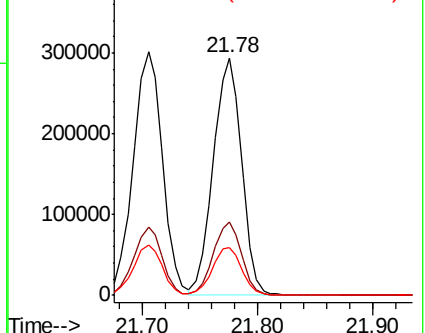
229 20.3 16.5 24.7



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.892 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

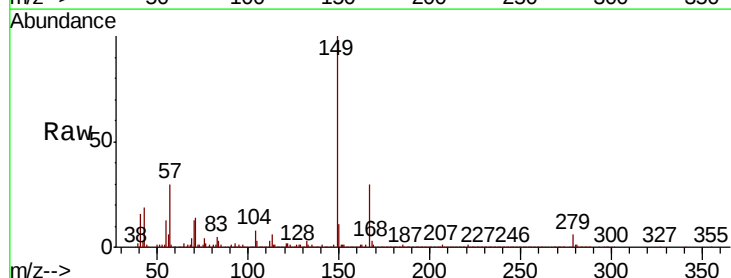
Tgt Ion:149 Resp: 275584

Ion Ratio Lower Upper

149 100

167 29.8 21.9 32.9

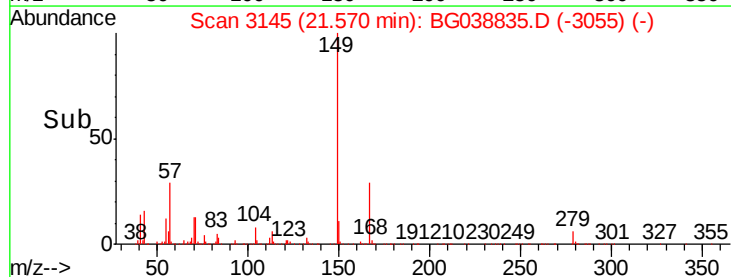
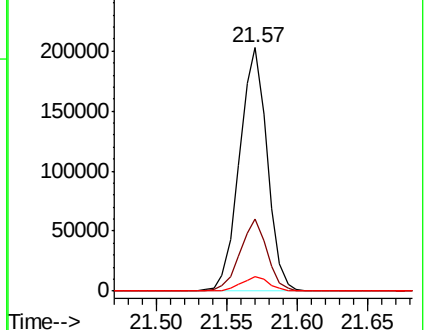
279 6.2 4.2 6.2

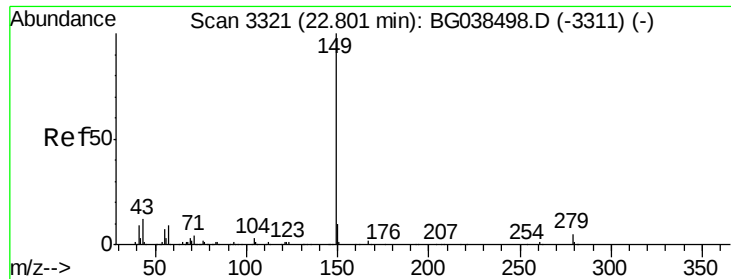


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

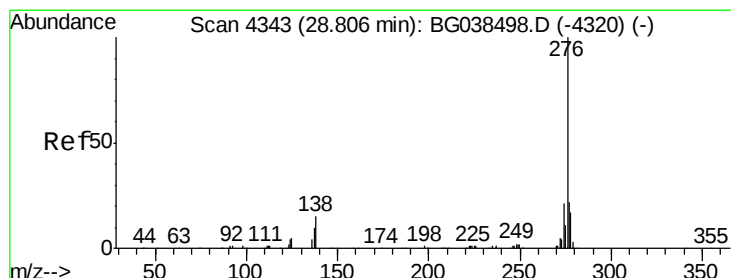
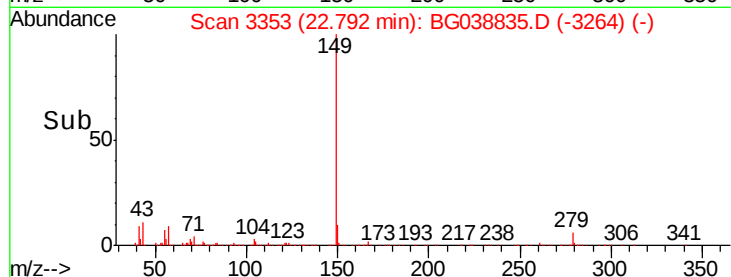
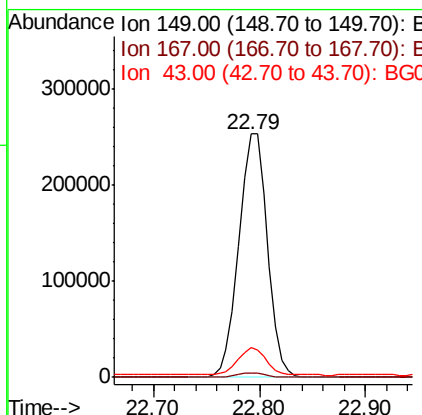
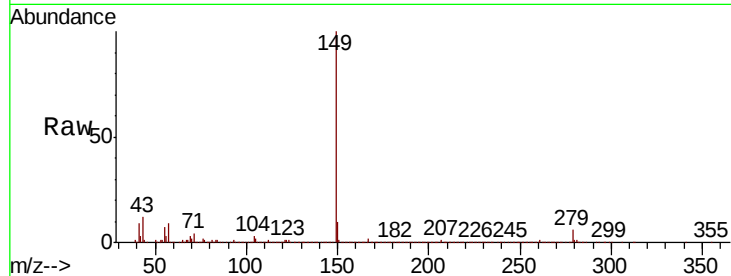




#85
Di-n-octyl phthalate
Concen: 38.801 ng
RT: 22.79 min Scan# 3353
Delta R.T. -0.01 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

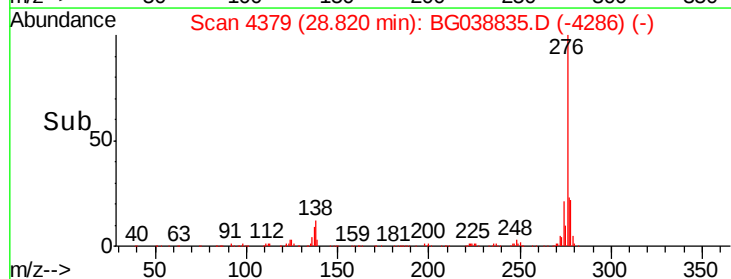
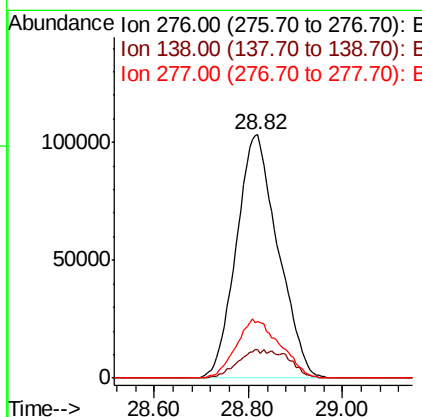
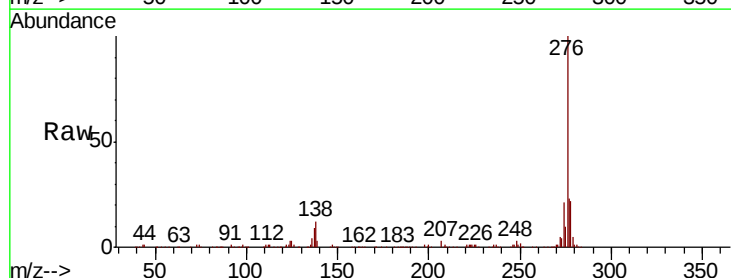
Instrument :
BNA_G
ClientSampleId :
R20-OSMSD

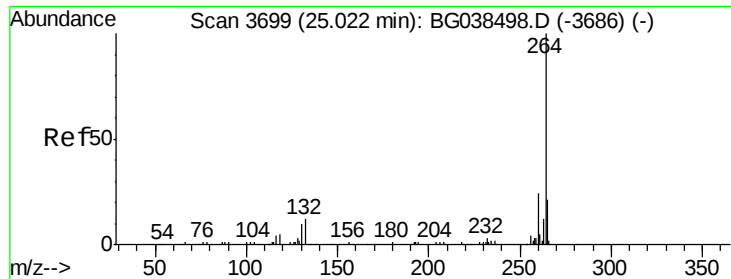
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.2	1.8
43	11.0	9.3	13.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 46.337 ng
RT: 28.82 min Scan# 4379
Delta R.T. 0.01 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	6.6	14.4	21.6#
277	25.4	0.0	0.0#



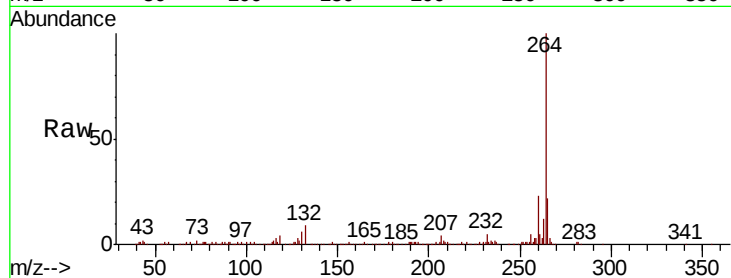


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. 0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Instrument :
BNA_G
ClientSampleId :
R20-OSMSD

Tot Ion:264 Resp: 213058

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	21.6	17.0	25.4

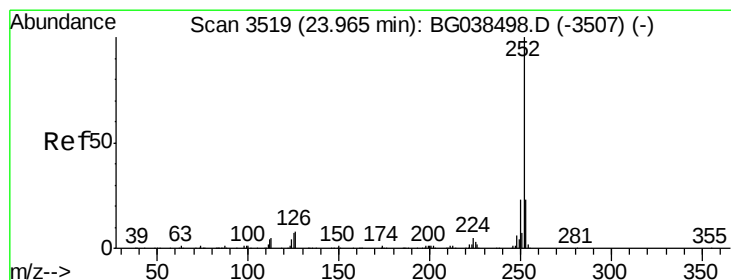
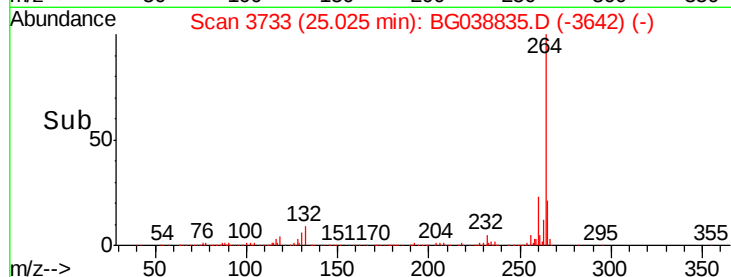
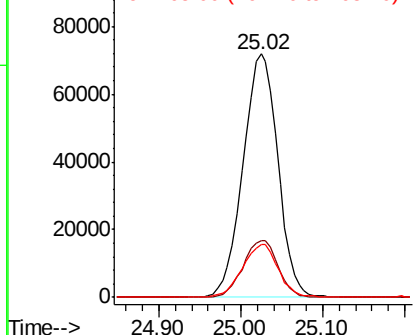


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

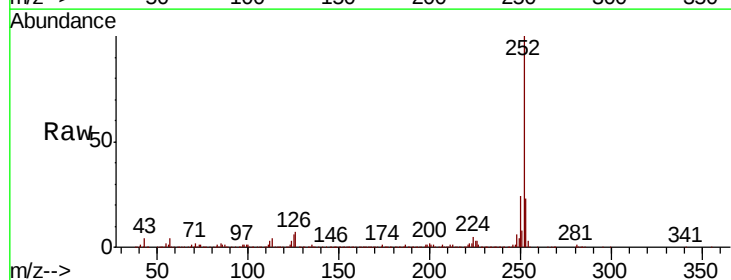
Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 44.217 ng
RT: 23.97 min Scan# 3554
Delta R.T. 0.01 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Tgt Ion:252 Resp: 517243

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	5.9	5.5	8.3

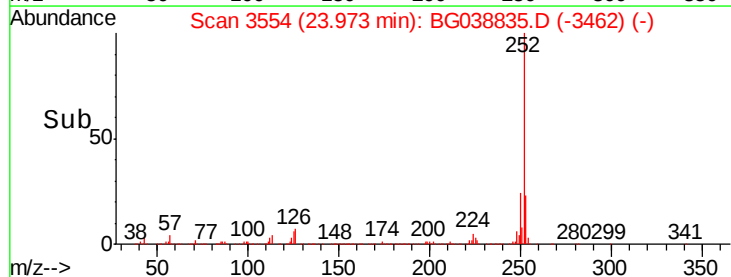
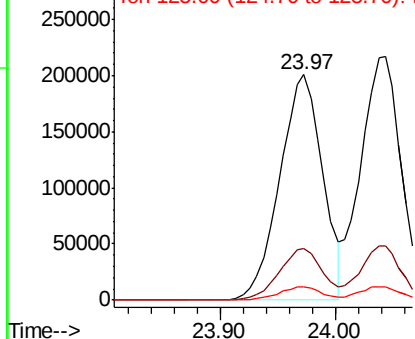


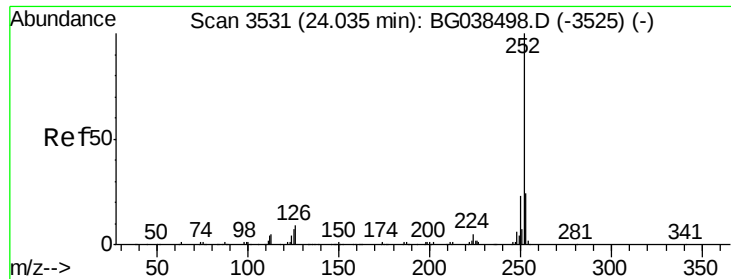
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 44.404 ng

RT: 23.97 min Scan# 3554

Delta R.T. -0.06 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

Instrument :

BNA_G

ClientSampleId :

R20-OSMSD

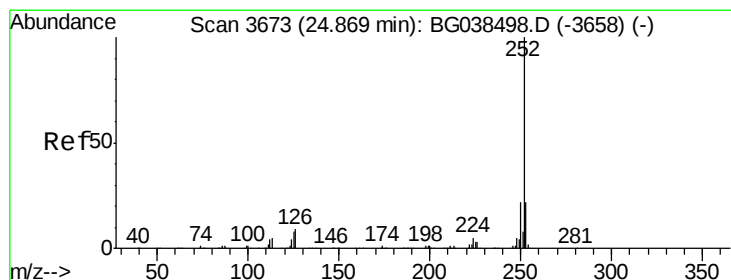
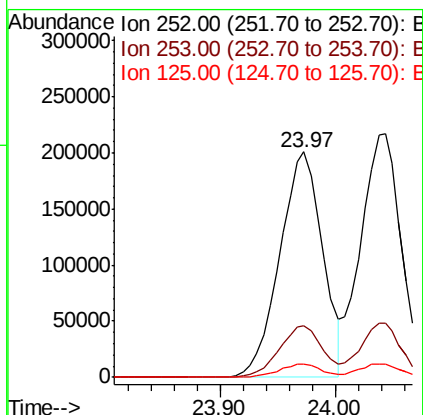
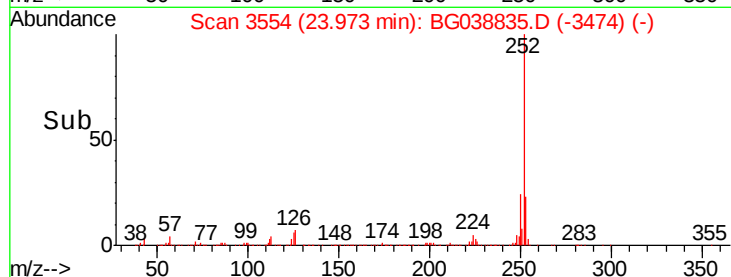
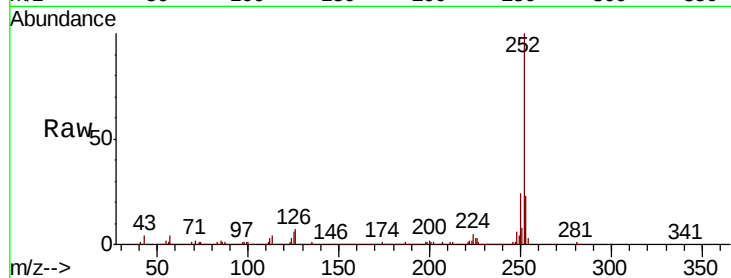
Tot Ion:252 Resp: 517243

Ion Ratio Lower Upper

252 100

253 23.0 18.9 28.3

125 5.9 5.4 8.2



#90

Benzo(a)pyrene

Concen: 44.955 ng

RT: 24.87 min Scan# 3707

Delta R.T. 0.00 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

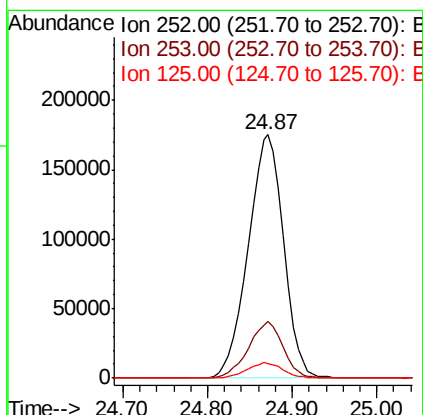
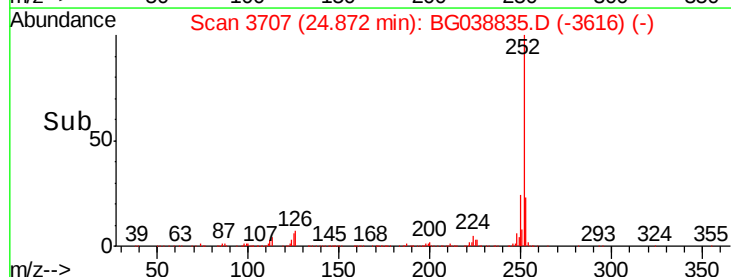
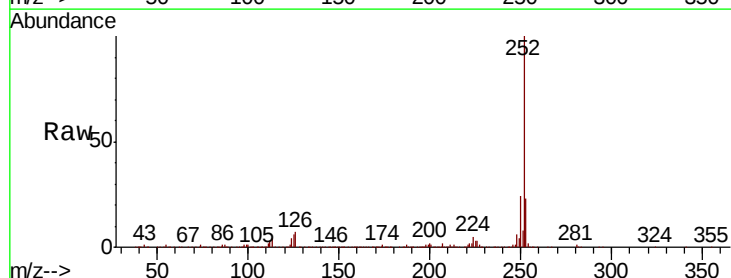
Tgt Ion:252 Resp: 507329

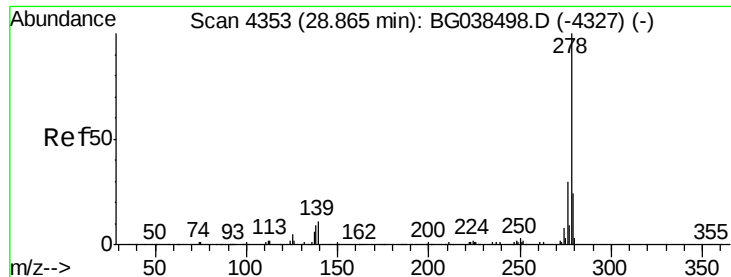
Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.0

125 6.2 6.4 9.6#





#91

Dibenzo(a,h)anthracene

Concen: 47.480 ng

RT: 28.87 min Scan# 4388

Delta R.T. 0.01 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

Instrument :

BNA_G

ClientSampleId :

R20-OSMSD

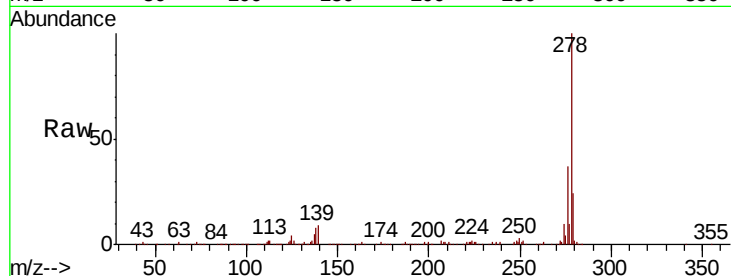
Tot Ion:278 Resp: 533513

Ion Ratio Lower Upper

278 100

139 8.8 8.6 12.8

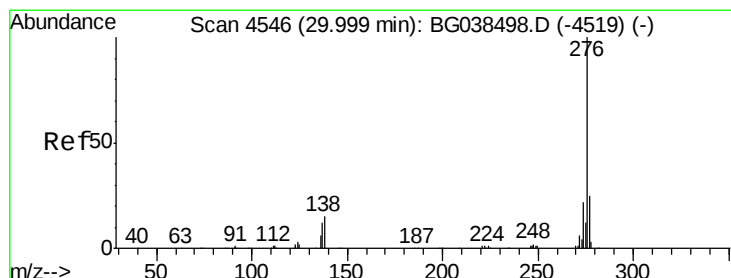
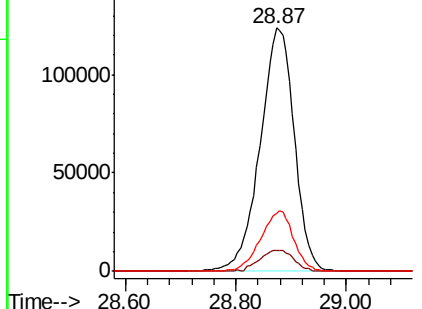
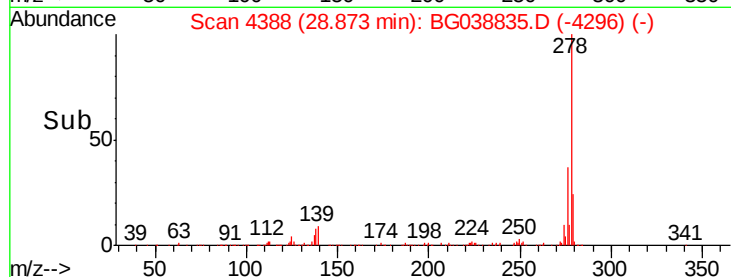
279 23.7 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 47.807 ng

RT: 30.01 min Scan# 4582

Delta R.T. 0.01 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

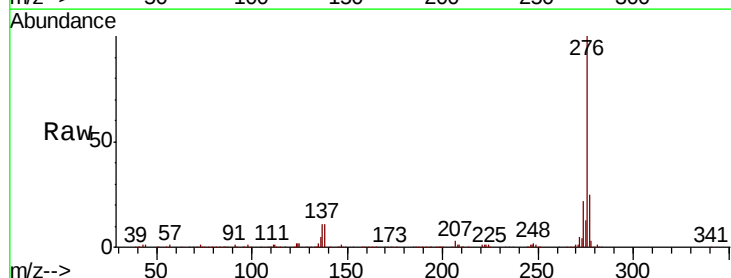
Tgt Ion:276 Resp: 529390

Ion Ratio Lower Upper

276 100

277 25.0 19.8 29.8

138 11.2 11.8 17.6#



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

