

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112619\
 Data File : BG043783.D
 Acq On : 26 Nov 2019 18:32
 Operator : JU
 Sample : K5663-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 27 02:26:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 23 00:54:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	55014	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	280061	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	234650	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	666023	20.00	ng	0.00
76) Chrysene-d12	21.65	240	820609	20.00	ng	-0.01
87) Perylene-d12	24.83	264	777757	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	523559	171.09	ng	0.00
7) Phenol-d6	7.18	99	798713	179.55	ng	0.00
23) Nitrobenzene-d5	9.17	82	431234	84.66	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	394569	139.41	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1098219	76.93	ng	-0.01
79) Terphenyl-d14	20.00	244	2671197	73.55	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	38620	28.463	ng	# 42
3) Pyridine	3.92	79	172051	45.034	ng	97
4) n-Nitrosodimethylamine	3.82	42	85538	45.072	ng	# 86
6) Aniline	7.35	93	134481	23.199	ng	95
8) 2-Chlorophenol	7.59	128	199788	57.242	ng	94
9) Benzaldehyde	7.16	77	89749	33.777	ng	96
10) Phenol	7.21	94	276249	60.493	ng	95
11) bis(2-Chloroethyl)ether	7.44	93	179551	47.111	ng	95
12) 1,3-Dichlorobenzene	7.92	146	168338	40.972	ng	96
13) 1,4-Dichlorobenzene	8.06	146	174906	42.029	ng	99
14) 1,2-Dichlorobenzene	8.38	146	173091	43.959	ng	96
15) Benzyl Alcohol	8.26	79	205775	55.383	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.56	45	270382	41.252	ng	98
17) 2-Methylphenol	8.46	107	193991	59.416	ng	99
18) Hexachloroethane	9.12	117	60502	38.513	ng	99
19) n-Nitroso-di-n-propylamine	8.83	70	170800	48.825	ng	91
20) 3+4-Methylphenols	8.79	107	280925	61.675	ng	98
22) Acetophenone	8.84	105	302385	40.737	ng	# 96
24) Nitrobenzene	9.22	77	228430	43.629	ng	96
25) Isophorone	9.74	82	504711	46.211	ng	97
26) 2-Nitrophenol	9.93	139	95754	50.691	ng	95
27) 2,4-Dimethylphenol	9.99	122	221432	59.699	ng	92
28) bis(2-Chloroethoxy)methane	10.23	93	283384	42.097	ng	98
29) 2,4-Dichlorophenol	10.47	162	239041	53.012	ng	96
30) 1,2,4-Trichlorobenzene	10.69	180	198598	37.585	ng	96
31) Naphthalene	10.88	128	604974	43.546	ng	100
32) Benzoic acid	10.08	122	75894	28.373	ng	92
33) 4-Chloroaniline	10.97	127	49604	7.411	ng	98
34) Hexachlorobutadiene	11.18	225	114785	33.035	ng	98
35) Caprolactam	11.72	113	56673	30.909	ng	95
36) 4-Chloro-3-methylphenol	12.09	107	287696	56.773	ng	99
37) 2-Methylnaphthalene	12.48	142	480511	45.897	ng	98
38) 1-Methylnaphthalene	12.70	142	466938	46.994	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	254801	34.126	ng	99

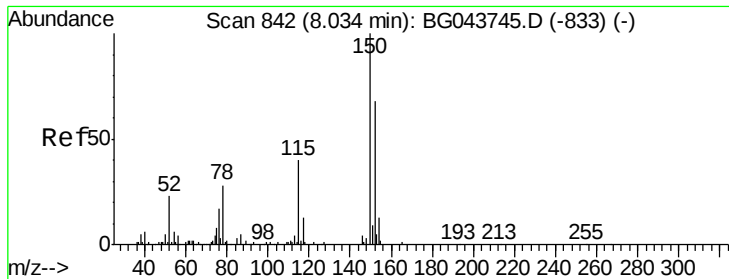
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112619\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	182710	45.293	ng	99
43) 2,4,6-Trichlorophenol	13.08	196	216042	44.990	ng	99
44) 2,4,5-Trichlorophenol	13.15	196	248991	49.841	ng	98
46) 1,1'-Biphenyl	13.49	154	658273	40.471	ng	99
47) 2-Chloronaphthalene	13.53	162	525964	39.653	ng	99
48) 2-Nitroaniline	13.72	65	191831	49.400	ng	99
49) Acenaphthylene	14.37	152	913854	43.790	ng	98
50) Dimethylphthalate	14.10	163	894312	48.112	ng	99
51) 2,6-Dinitrotoluene	14.21	165	179485	51.996	ng	99
52) Acenaphthene	14.71	154	583588	43.728	ng	99
53) 3-Nitroaniline	14.53	138	75913	18.828	ng	93
54) 2,4-Dinitrophenol	14.74	184	78748	55.836	ng	# 81
55) Dibenzofuran	15.05	168	914602	43.990	ng	99
56) 4-Nitrophenol	14.84	139	422733	124.473	ng	92
57) 2,4-Dinitrotoluene	15.00	165	267596	55.898	ng	95
58) Fluorene	15.70	166	762075	44.696	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.27	232	246539	49.135	ng	# 87
60) Diethylphthalate	15.47	149	866325	45.785	ng	99
61) 4-Chlorophenyl-phenylether	15.69	204	391974	41.755	ng	99
62) 4-Nitroaniline	15.70	138	228225	49.363	ng	91
63) Azobenzene	15.98	77	779255	44.541	ng	96
65) 4,6-Dinitro-2-methylphenol	15.76	198	80726	35.850	ng	92
66) n-Nitrosodiphenylamine	15.90	169	745725	42.289	ng	98
67) 4-Bromophenyl-phenylether	16.58	248	269525	38.374	ng	98
68) Hexachlorobenzene	16.71	284	287684	37.467	ng	96
69) Atrazine	16.85	200	345526	48.891	ng	97
70) Pentachlorophenol	17.04	266	369191	78.797	ng	98
71) Phenanthrene	17.44	178	1422698	43.170	ng	98
72) Anthracene	17.52	178	1465158	44.011	ng	96
73) Carbazole	17.79	167	1510974	47.251	ng	97
74) Di-n-butylphthalate	18.36	149	1696338	40.184	ng	97
75) Fluoranthene	19.44	202	1999514	42.297	ng	93
77) Benzidine	19.62	184	678858	28.320	ng	99
78) Pyrene	19.80	202	2071259	39.109	ng	95
80) Butylbenzylphthalate	20.70	149	1070485	44.370	ng	100
81) Benzo(a)anthracene	21.64	228	2239227	40.817	ng	93
82) 3,3'-Dichlorobenzidine	21.55	252	232195	11.287	ng	99
83) Chrysene	21.70	228	2121611	40.870	ng	93
84) Bis(2-ethylhexyl)phthalate	21.57	149	1515790	44.653	ng	94
85) Di-n-octyl phthalate	22.78	149	2195757	39.879	ng	99
86) Indeno(1,2,3-cd)pyrene	28.43	276	2306283	38.193	ng	99
88) Benzo(b)fluoranthene	23.83	252	2020013	43.500	ng	96
89) Benzo(k)fluoranthene	23.90	252	1869474	41.948	ng	97
90) Benzo(a)pyrene	24.68	252	1805964	41.359	ng	97
91) Dibenzo(a,h)anthracene	28.51	278	1876178	44.297	ng	# 97
92) Benzo(g,h,i)perylene	29.56	276	1915904	45.870	ng	97

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

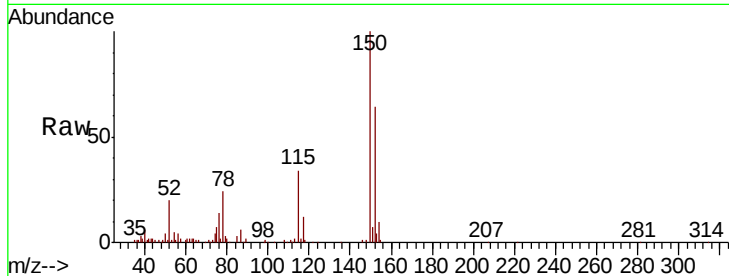


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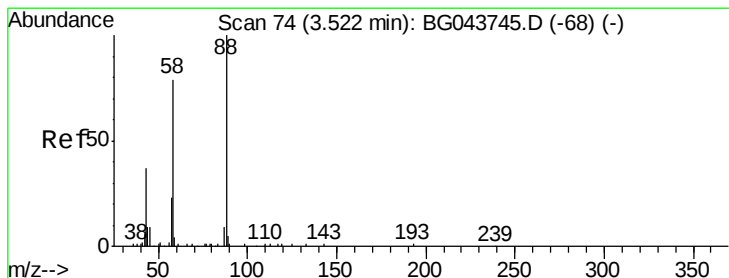
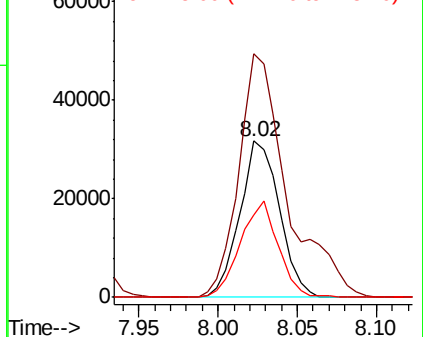
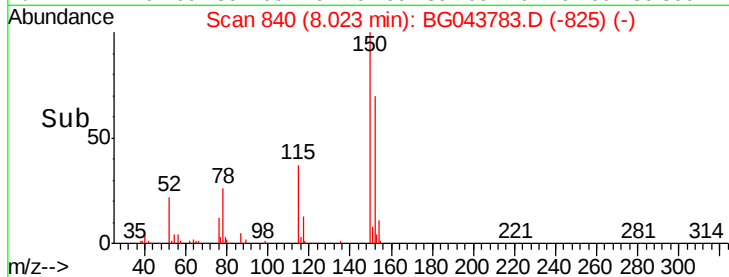
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG043783.D
Acq: 26 Nov 2019 18:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 55014
Ion Ratio Lower Upper
152 100
150 155.8 117.8 176.8
115 52.3 47.0 70.4



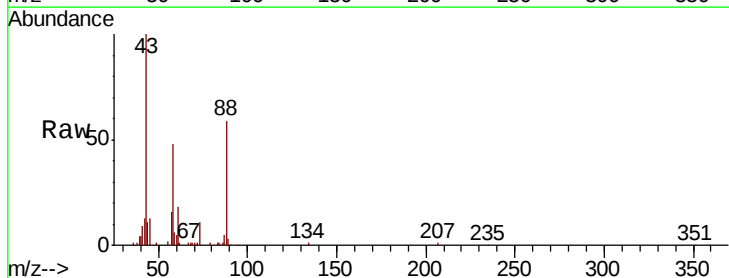
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



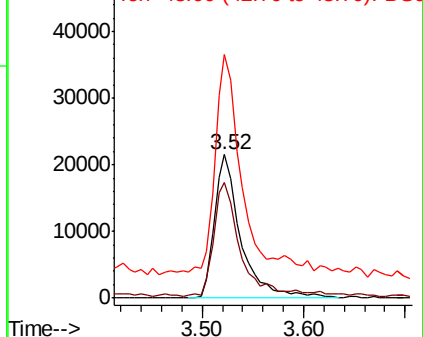
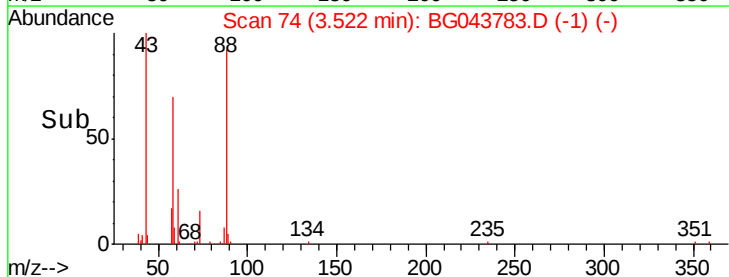
#2

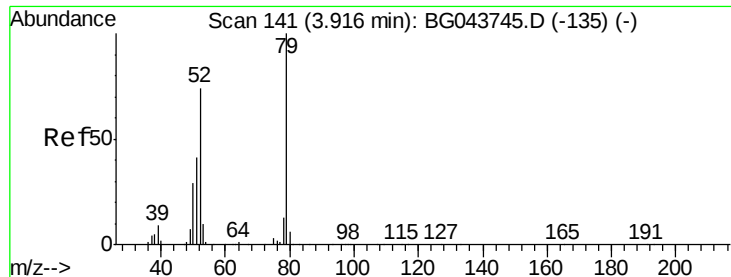
1,4-Dioxane
Concen: 28.463 ng
RT: 3.52 min Scan# 74
Delta R.T. 0.00 min
Lab File: BG043783.D
Acq: 26 Nov 2019 18:32

Tgt Ion: 88 Resp: 38620
Ion Ratio Lower Upper
88 100
58 77.1 62.3 93.5
43 142.9 28.9 43.3#



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: 45.034 ng

RT: 3.92 min Scan# 142

Delta R.T. 0.01 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

Instrument :

BNA_G

ClientSampled :

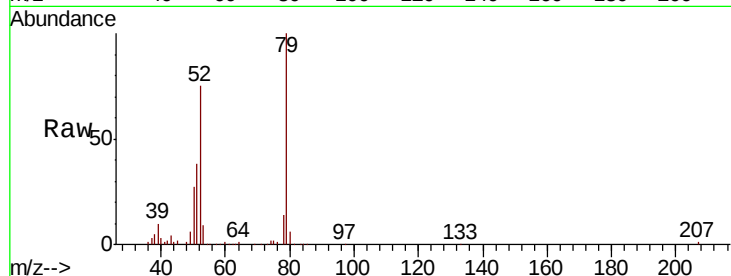
Tot Ion: 79 Resp: 172051

Ion Ratio Lower Upper

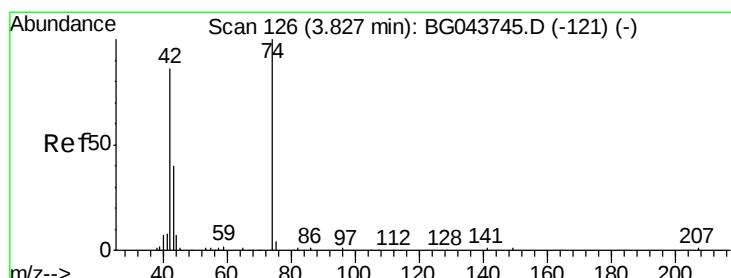
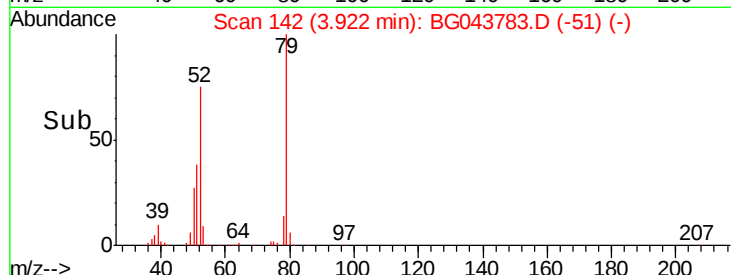
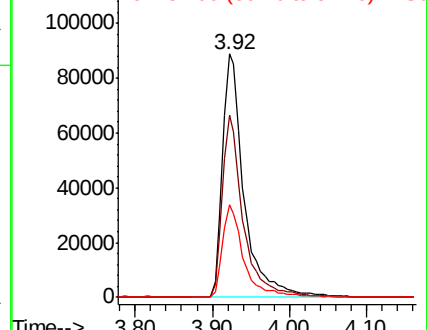
79 100

52 74.7 59.0 88.6

51 37.9 32.9 49.3



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: 45.072 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

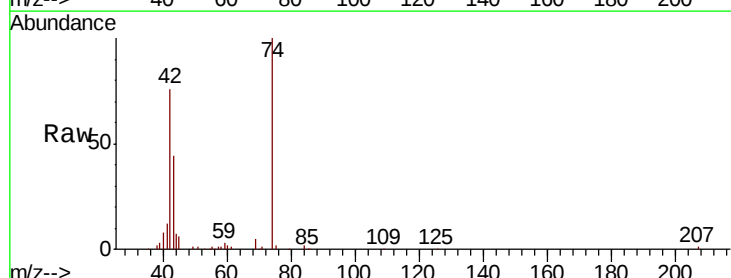
Tgt Ion: 42 Resp: 85538

Ion Ratio Lower Upper

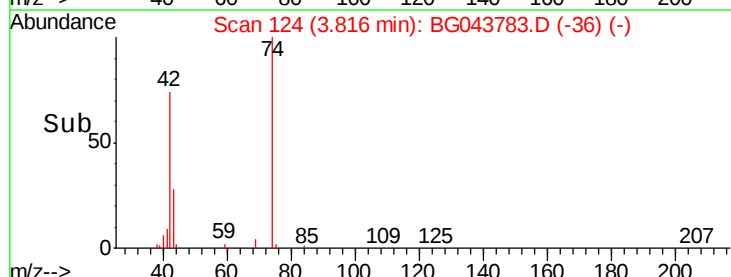
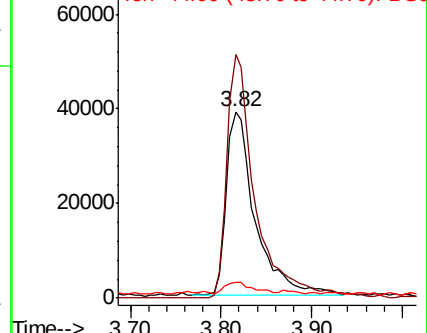
42 100

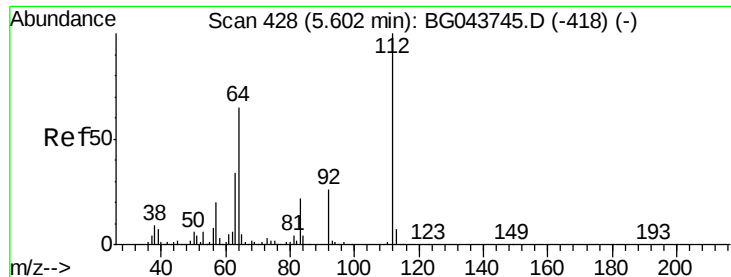
74 130.8 91.9 137.9

44 8.7 9.1 13.7#



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





#5

2-Fluorophenol

Concen: 171.092 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

Instrument :

BNA_G

ClientSampleId :

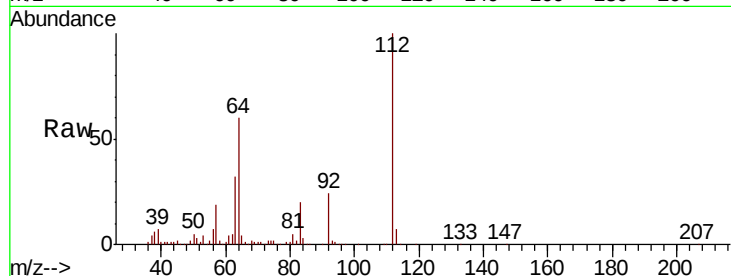
Tot Ion:112 Resp: 523559

Ion Ratio Lower Upper

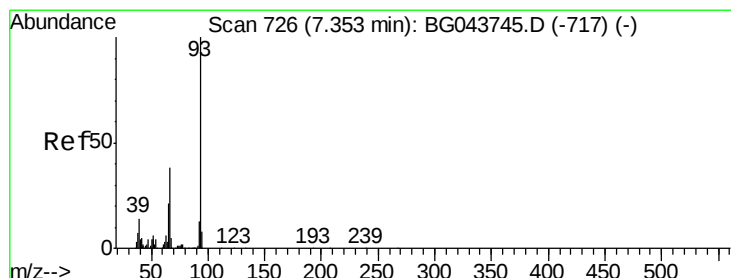
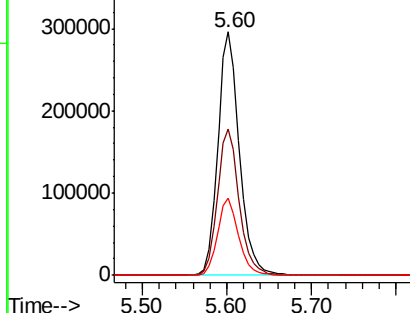
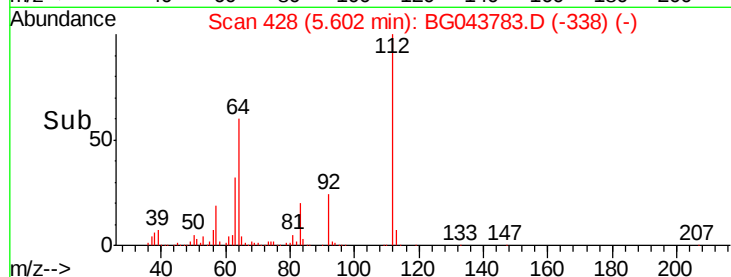
112 100

64 60.3 51.7 77.5

63 31.5 26.8 40.2



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: 23.199 ng

RT: 7.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

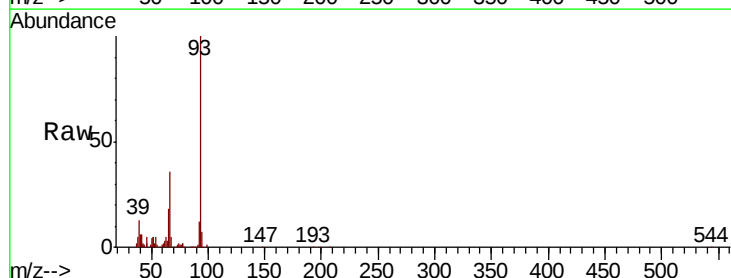
Tgt Ion: 93 Resp: 134481

Ion Ratio Lower Upper

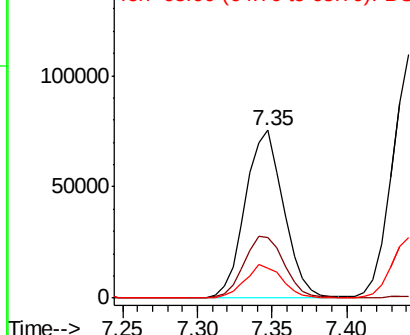
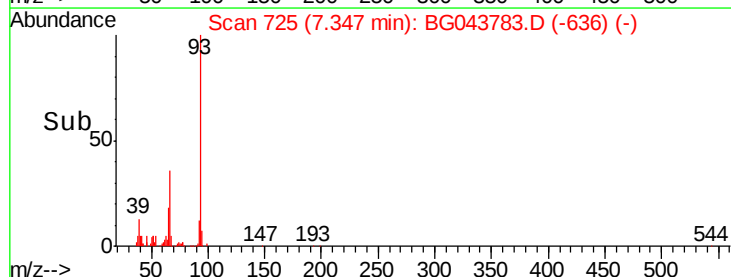
93 100

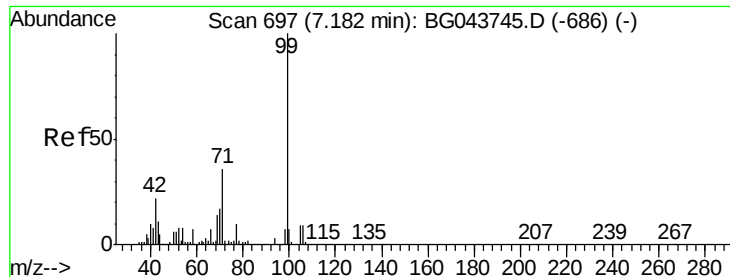
66 36.2 30.6 46.0

65 17.9 16.8 25.2



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: 179.551 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

Instrument :

BNA_G

ClientSampled :

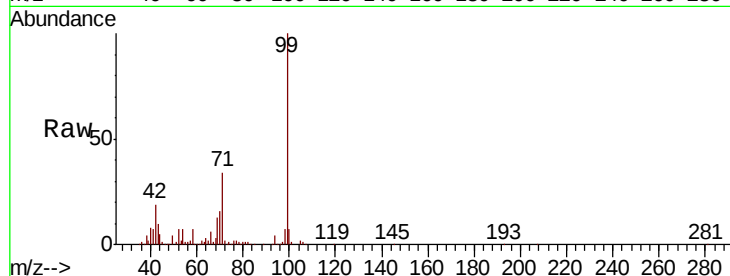
Tot Ion: 99 Resp: 798713

Ion Ratio Lower Upper

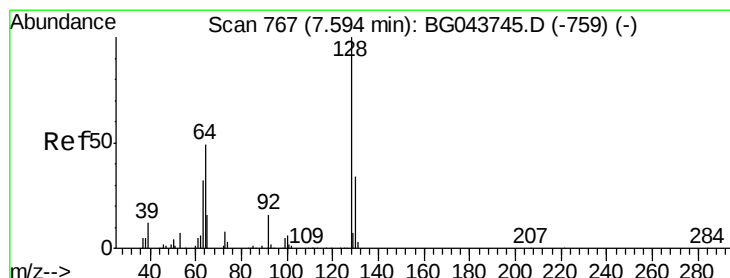
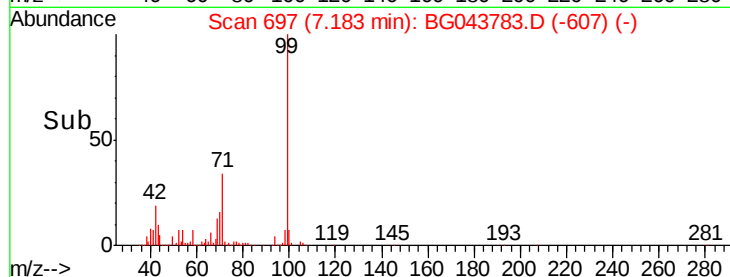
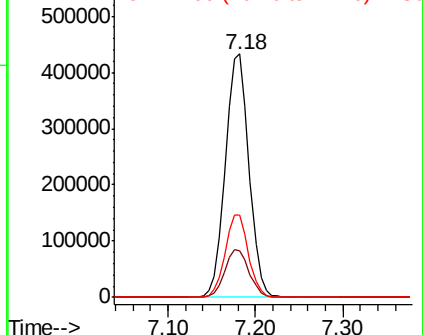
99 100

42 19.2 17.4 26.0

71 33.8 29.5 44.3



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



#8

2-Chlorophenol

Concen: 57.242 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

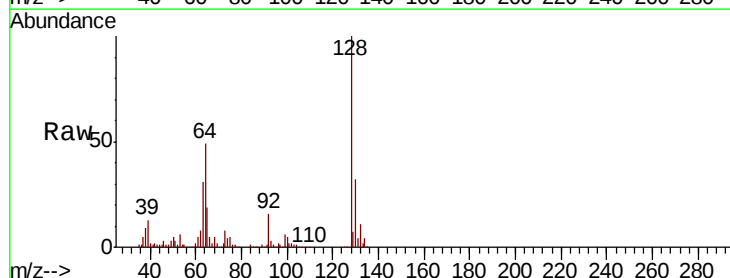
Tgt Ion: 128 Resp: 199788

Ion Ratio Lower Upper

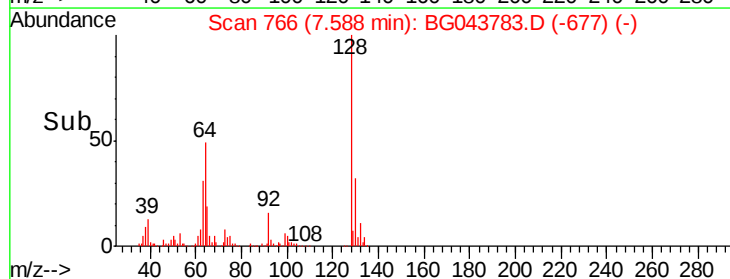
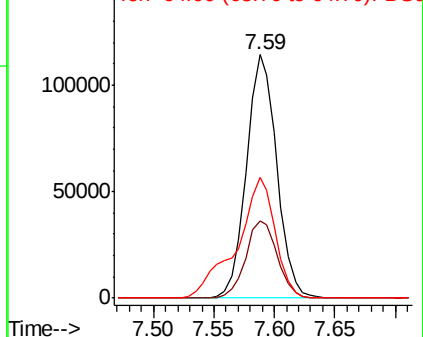
128 100

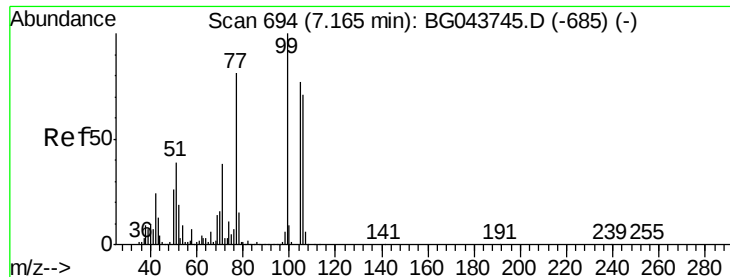
130 31.6 14.3 54.3

64 49.4 34.5 74.5



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





#9

Benzaldehyde

Concen: 33.777 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

Instrument :

BNA_G

ClientSampleId :

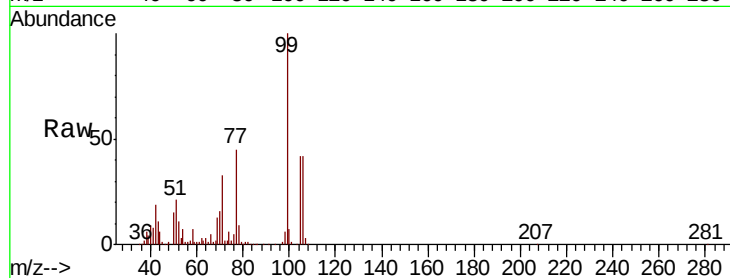
Tot Ion: 77 Resp: 89749

Ion Ratio Lower Upper

77 100

105 95.0 75.0 115.0

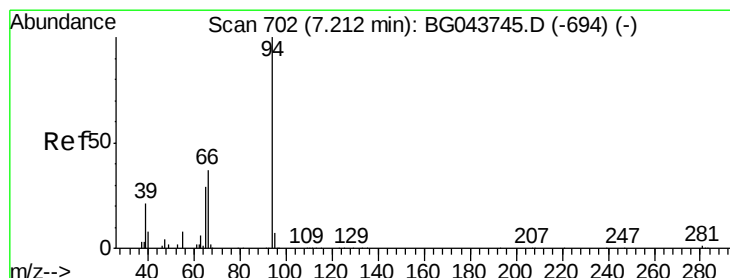
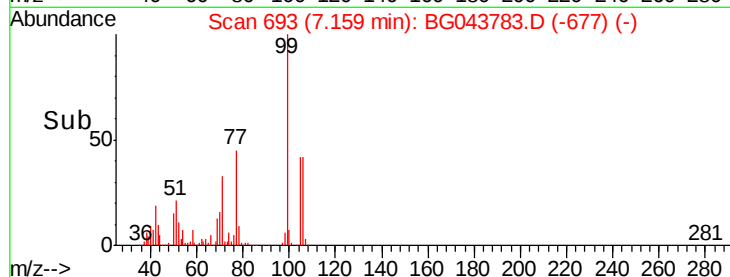
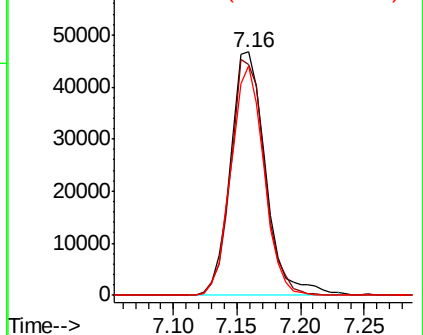
106 94.4 67.4 107.4



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: 60.493 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

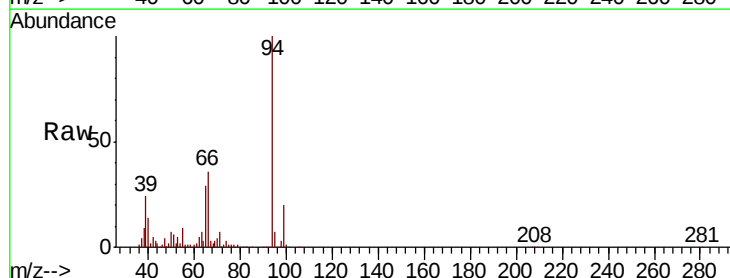
Tgt Ion: 94 Resp: 276249

Ion Ratio Lower Upper

94 100

65 29.2 10.3 50.3

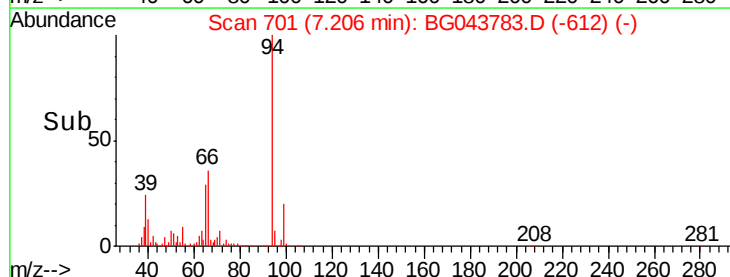
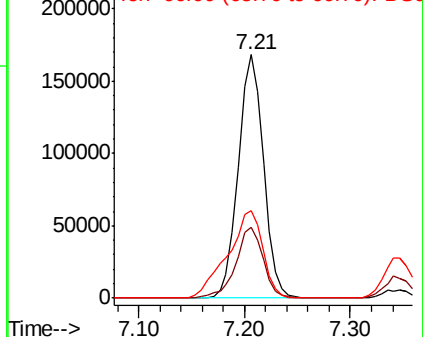
66 36.1 20.5 60.5

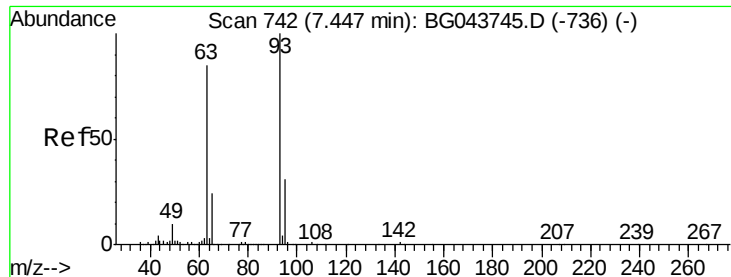


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 47.111 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

Instrument :

BNA_G

ClientSampled :

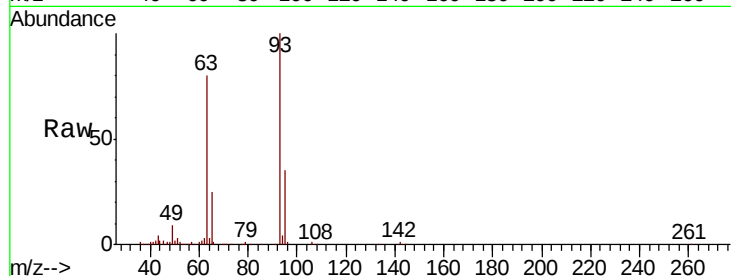
Tot Ion: 93 Resp: 179551

Ion Ratio Lower Upper

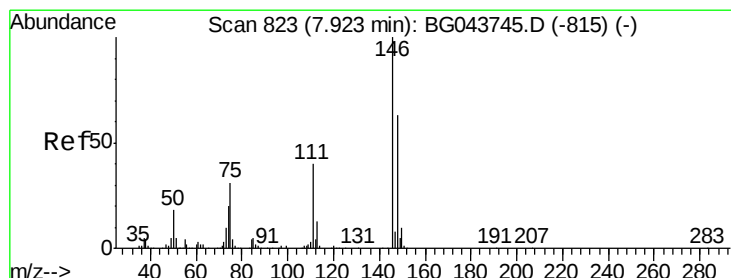
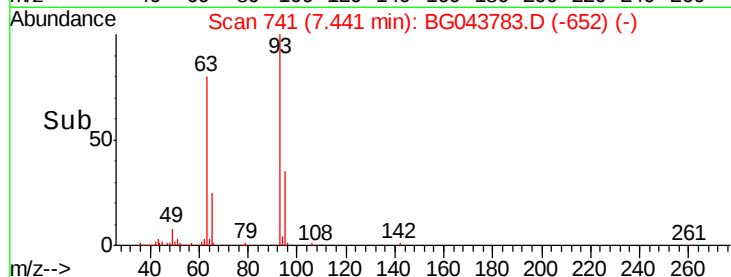
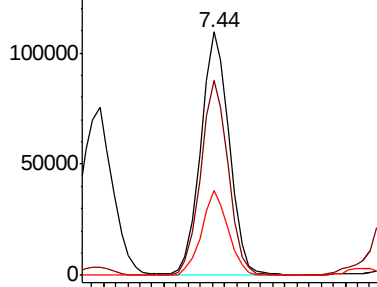
93 100

63 80.0 64.4 104.4

95 35.1 11.3 51.3



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 40.972 ng

RT: 7.92 min Scan# 822

Delta R.T. -0.01 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

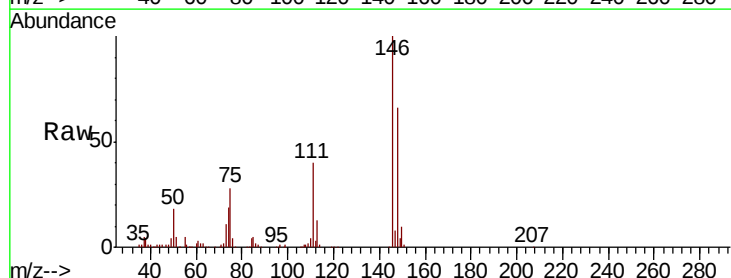
Tgt Ion: 146 Resp: 168338

Ion Ratio Lower Upper

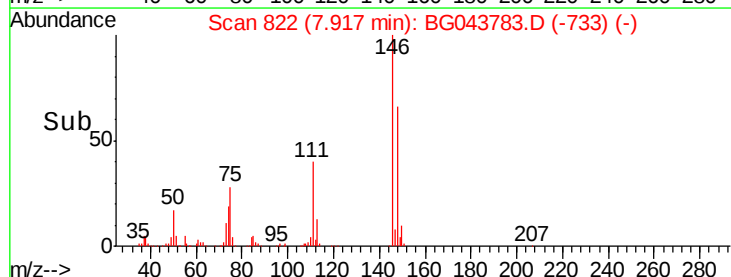
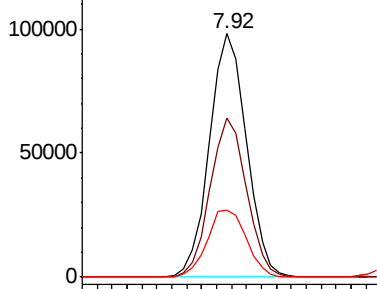
146 100

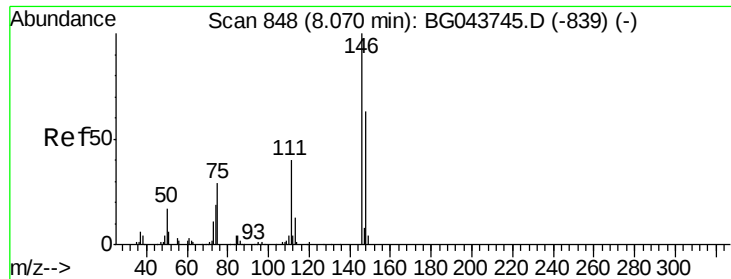
148 65.6 50.6 75.8

75 27.6 25.2 37.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 42.029 ng

RT: 8.06 min Scan# 847

Delta R.T. -0.01 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

Instrument :

BNA_G

ClientSampleId :

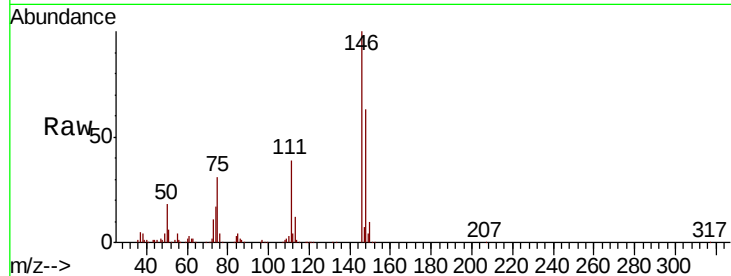
Tot Ion:146 Resp: 174906

Ion Ratio Lower Upper

146 100

148 63.4 50.1 75.1

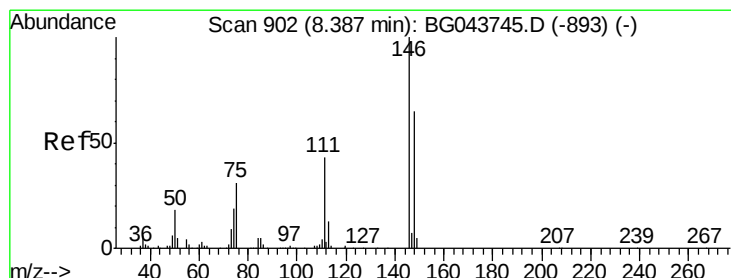
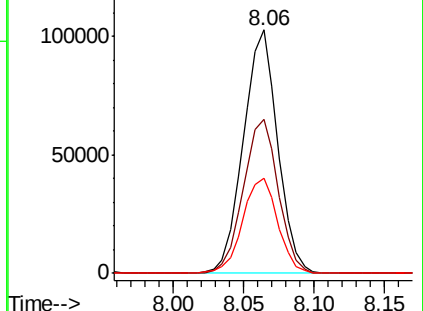
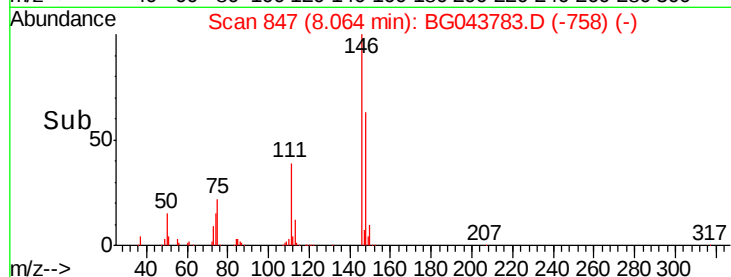
111 38.9 32.1 48.1



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: 43.959 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

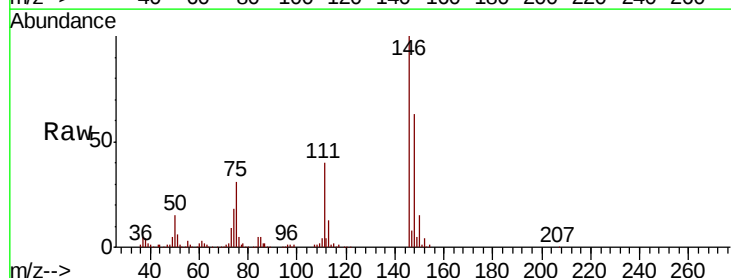
Tgt Ion:146 Resp: 173091

Ion Ratio Lower Upper

146 100

148 63.0 52.1 78.1

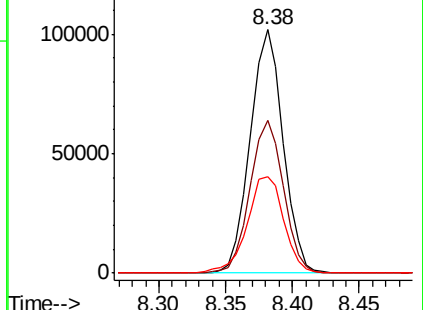
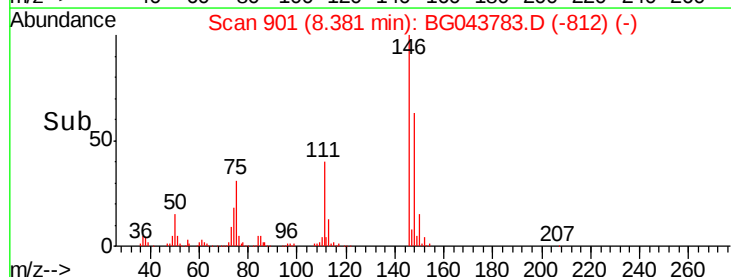
111 39.8 34.7 52.1

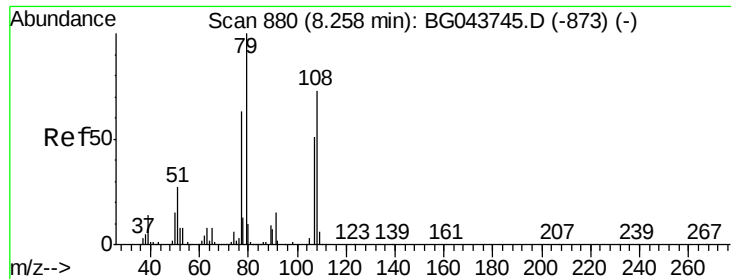


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 55.383 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

Instrument :

BNA_G

ClientSampleId :

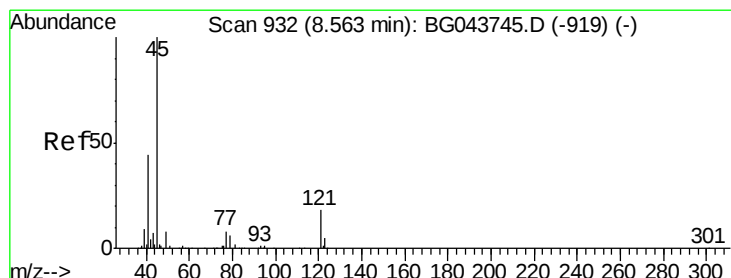
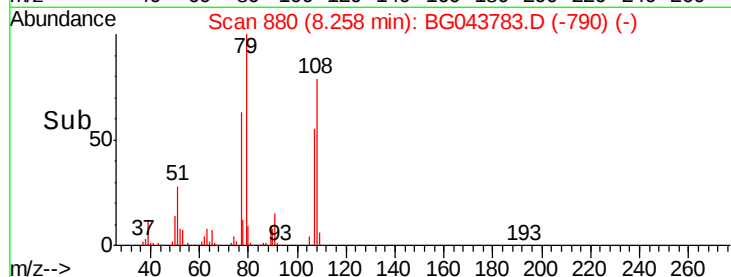
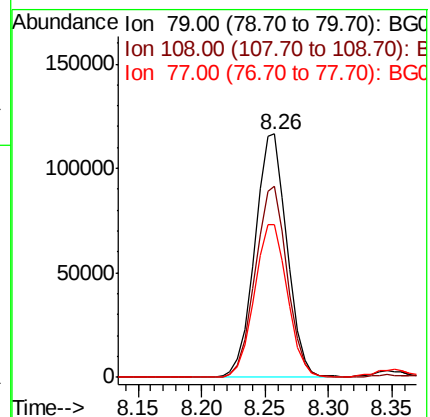
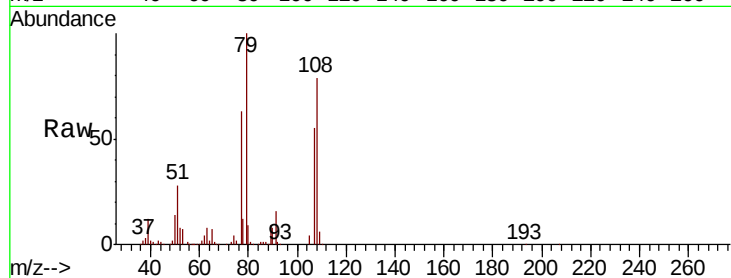
Tot Ion: 79 Resp: 205775

Ion Ratio Lower Upper

79 100

108 78.6 58.2 87.2

77 62.7 50.2 75.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.252 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.01 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

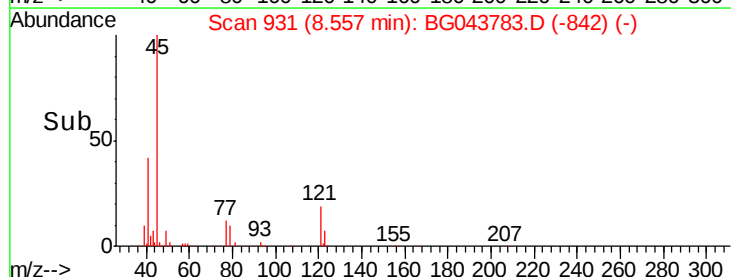
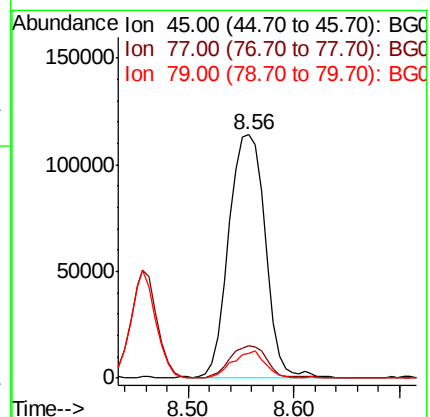
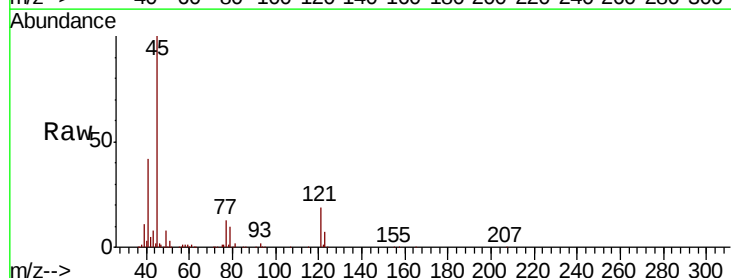
Tgt Ion: 45 Resp: 270382

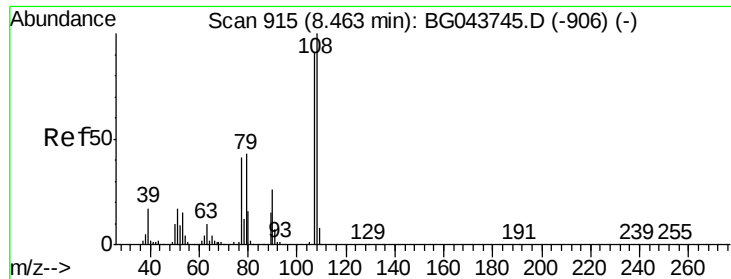
Ion Ratio Lower Upper

45 100

77 13.5 0.0 32.2

79 10.0 0.0 29.9





#17

2-Methylphenol

Concen: 59.416 ng

RT: 8.46 min Scan# 914

Delta R.T. -0.01 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 193991

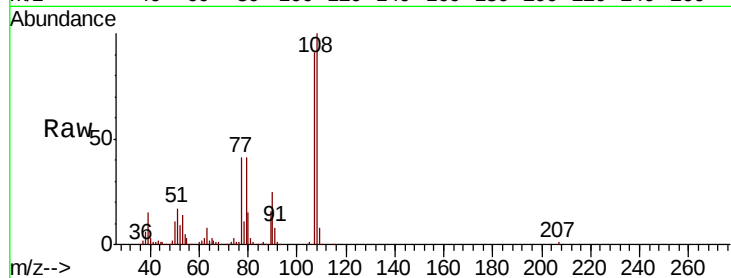
Ion Ratio Lower Upper

107 100

108 109.9 88.0 132.0

77 45.2 35.9 53.9

79 45.0 38.2 57.2

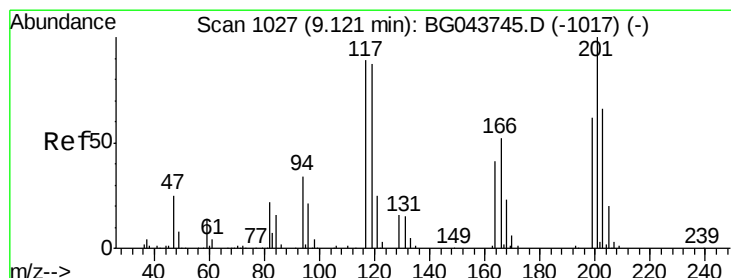
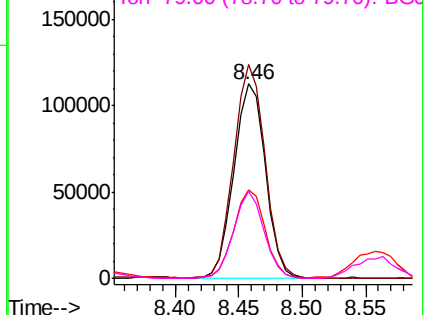
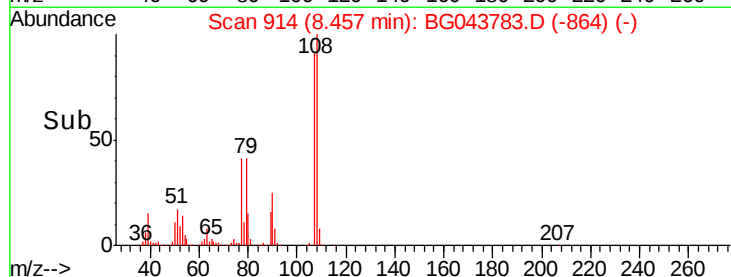


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.513 ng

RT: 9.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

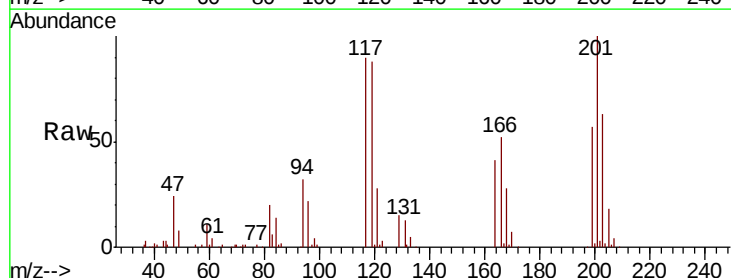
Tgt Ion:117 Resp: 60502

Ion Ratio Lower Upper

117 100

119 98.0 77.7 116.5

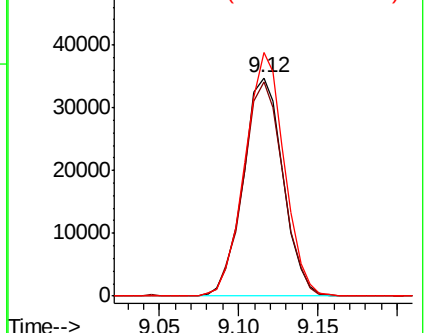
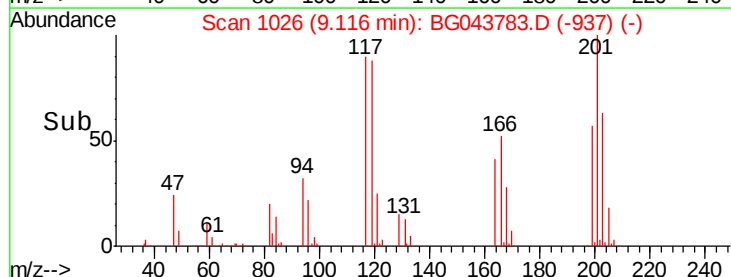
201 111.5 89.4 134.0

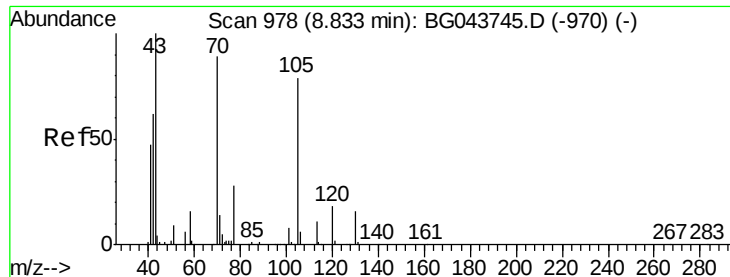


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

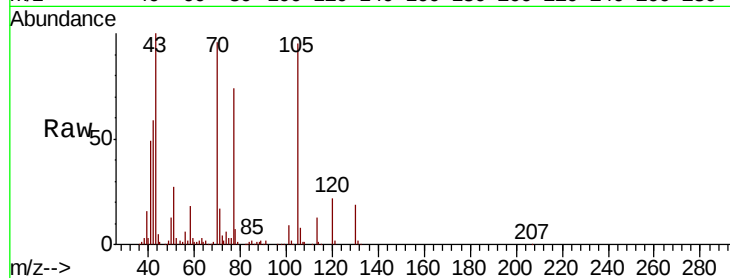




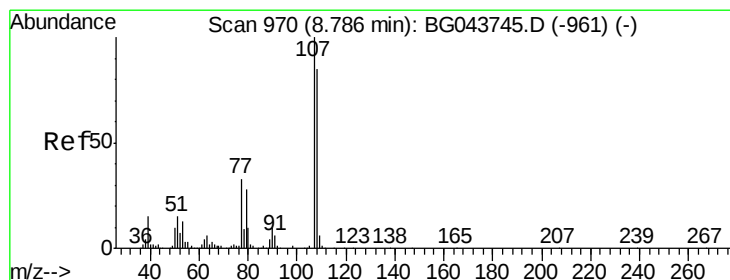
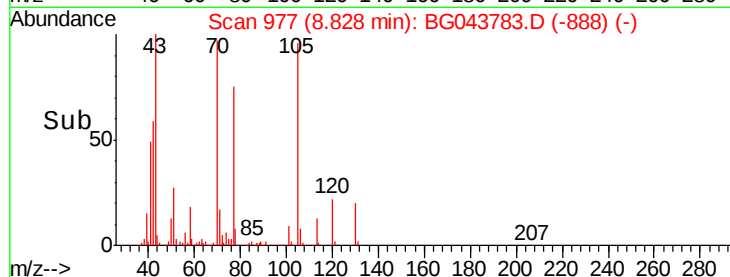
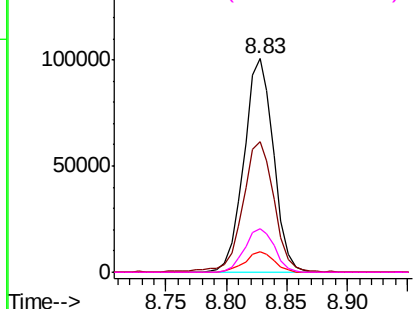
#19
n-Nitroso-di-n-propylamine
Concen: 48.825 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BG043783.D
Acq: 26 Nov 2019 18:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	170800
Ion	Ratio	Lower	Upper
70	100		
42	61.4	56.4	84.6
101	9.6	6.7	10.1
130	20.2	14.7	22.1

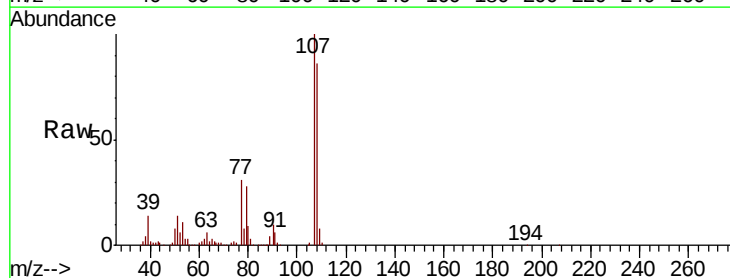


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

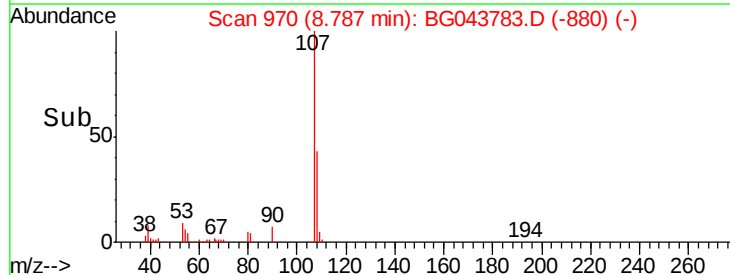
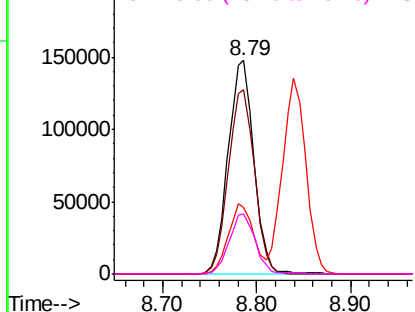


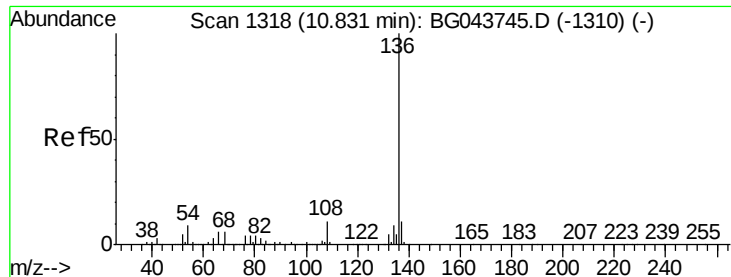
#20
3+4-Methylphenols
Concen: 61.675 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BG043783.D
Acq: 26 Nov 2019 18:32

Tgt Ion:	107	Resp:	280925
Ion	Ratio	Lower	Upper
107	100		
108	86.1	64.6	104.6
77	31.0	13.7	53.7
79	28.0	8.5	48.5



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 280061

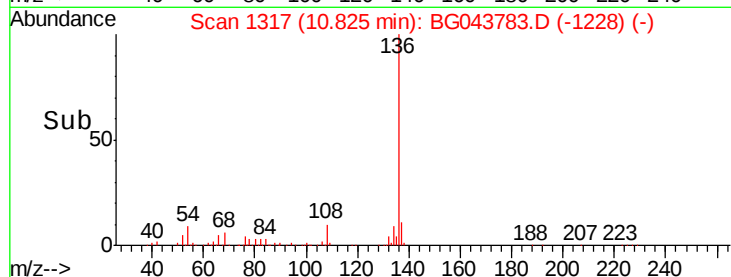
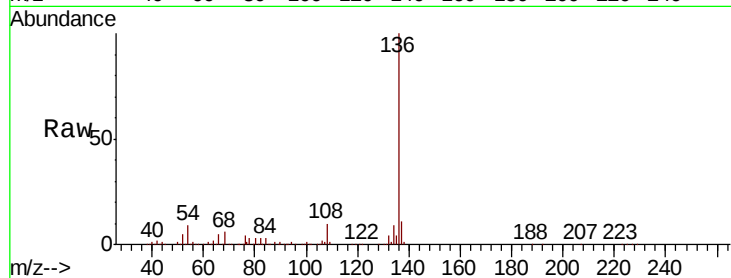
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 8.7 7.5 11.3

68 6.4 4.9 7.3

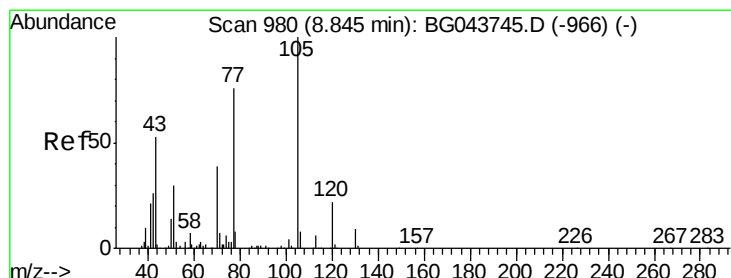
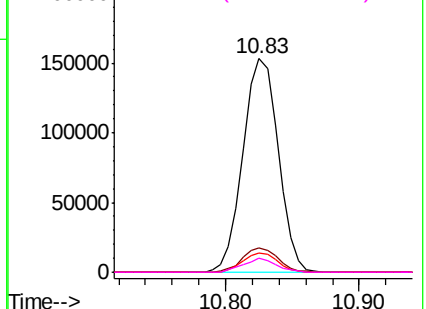


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.737 ng

RT: 8.84 min Scan# 979

Delta R.T. -0.01 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

Tgt Ion:105 Resp: 302385

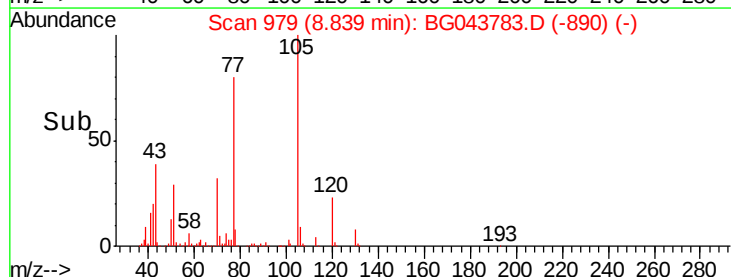
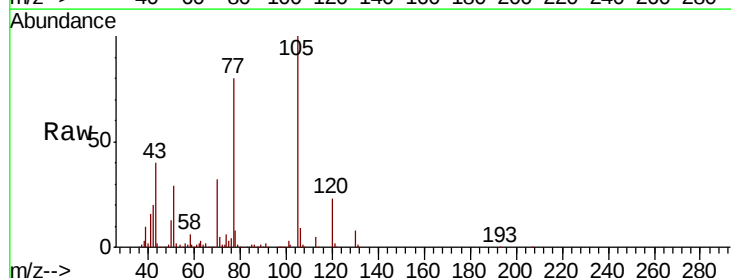
Ion Ratio Lower Upper

105 100

71 5.0 6.3 9.5#

51 29.1 24.7 37.1

120 23.3 17.7 26.5

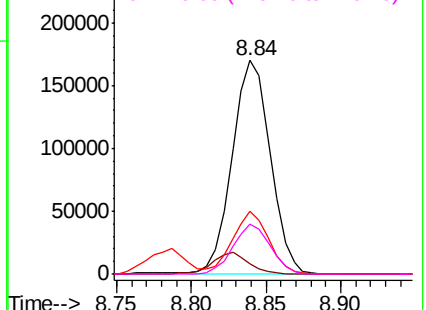


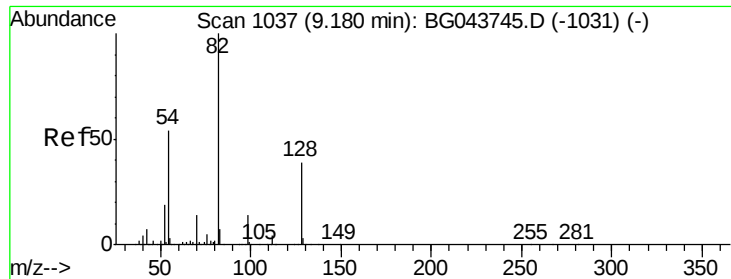
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

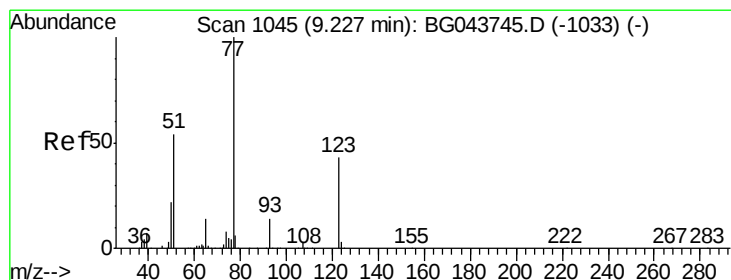
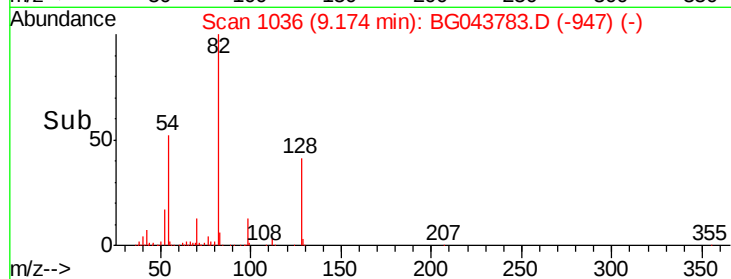
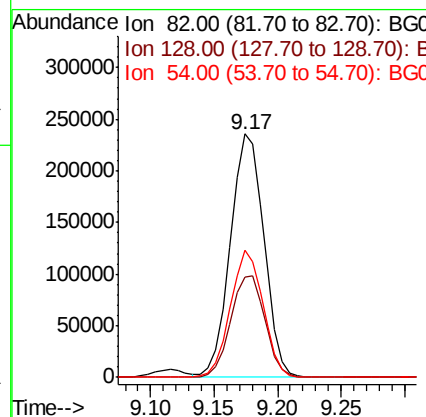
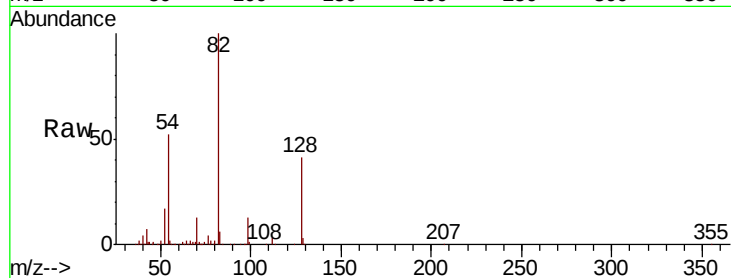




#23
Nitrobenzene-d5
Concen: 84.661 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG043783.D
Acq: 26 Nov 2019 18:32

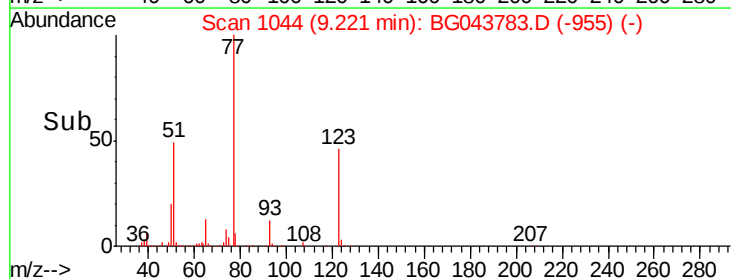
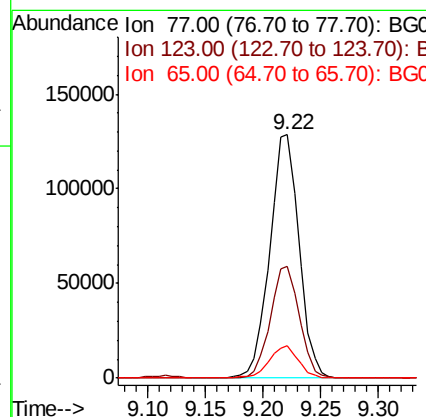
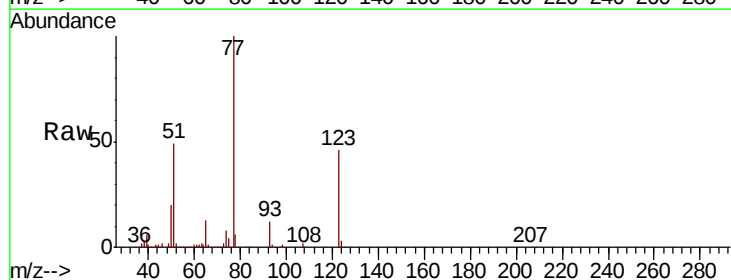
Instrument :
BNA_G
ClientSampleId :

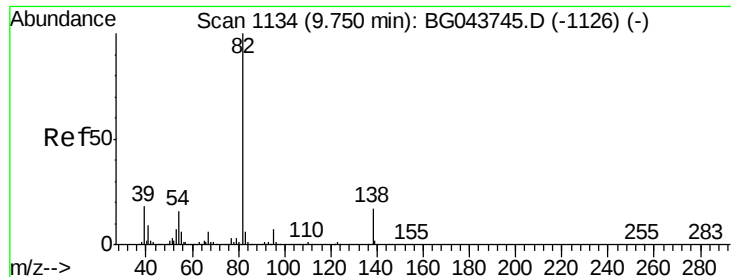
Tot Ion	82	Resp	431234
Ion Ratio	100	Lower	Upper
128	41.0	31.3	46.9
54	52.3	42.7	64.1



#24
Nitrobenzene
Concen: 43.629 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BG043783.D
Acq: 26 Nov 2019 18:32

Tgt Ion	77	Resp	228430
Ion Ratio	100	Lower	Upper
123	46.1	34.7	52.1
65	13.1	11.0	16.6





#25

Isophorone

Concen: 46.211 ng

RT: 9.74 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

Instrument :

BNA_G

ClientSampleId :

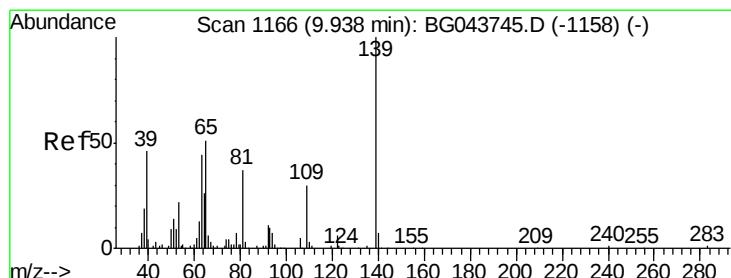
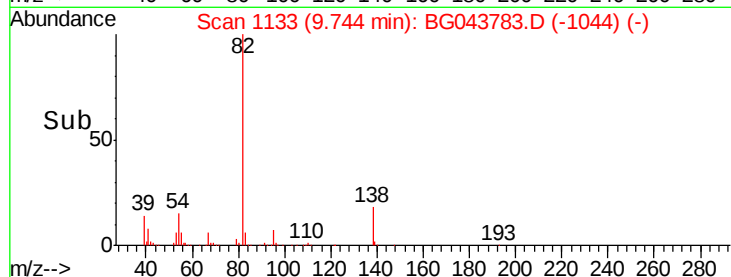
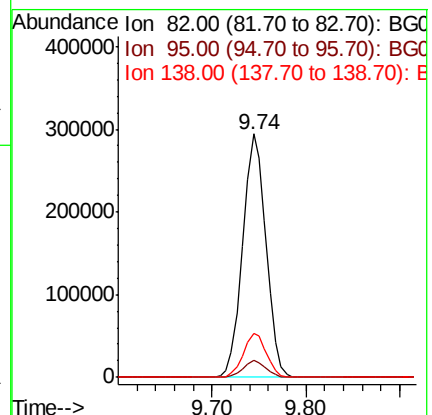
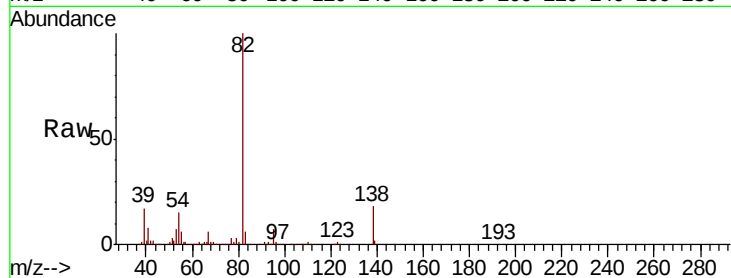
Tot Ion: 82 Resp: 504711

Ion Ratio Lower Upper

82 100

95 6.8 5.9 8.9

138 18.2 13.3 19.9



#26

2-Nitrophenol

Concen: 50.691 ng

RT: 9.93 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

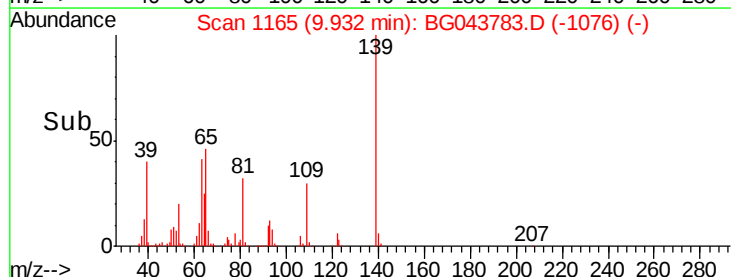
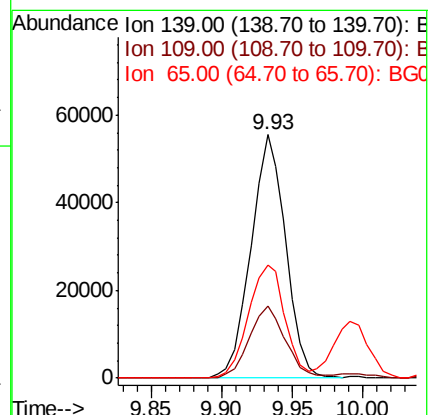
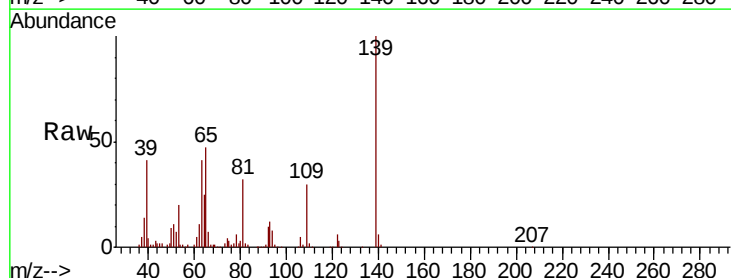
Tgt Ion: 139 Resp: 95754

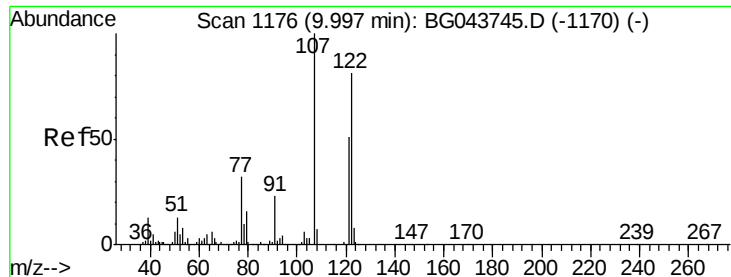
Ion Ratio Lower Upper

139 100

109 29.8 24.1 36.1

65 46.6 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 59.699 ng

RT: 9.99 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

Instrument :

BNA_G

ClientSampleId :

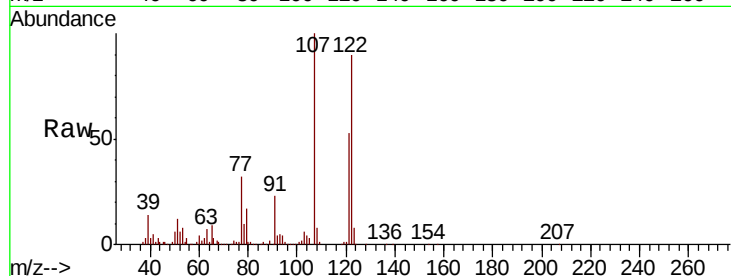
Tot Ion:122 Resp: 221432

Ion Ratio Lower Upper

122 100

107 111.3 98.5 147.7

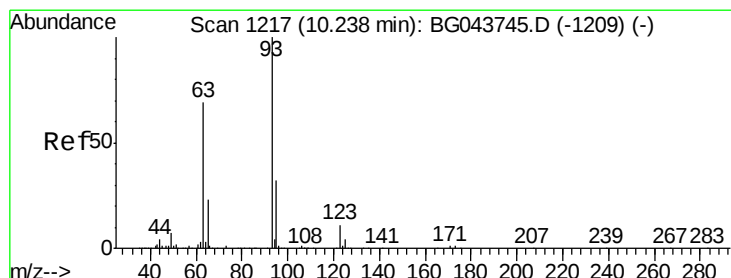
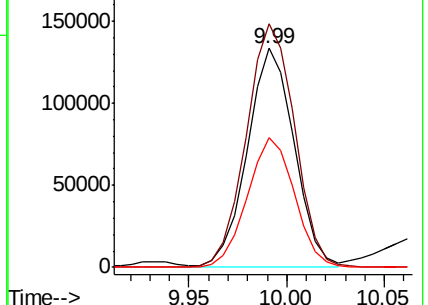
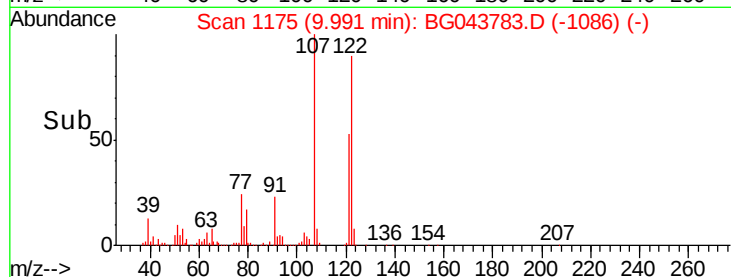
121 59.2 49.6 74.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.097 ng

RT: 10.23 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

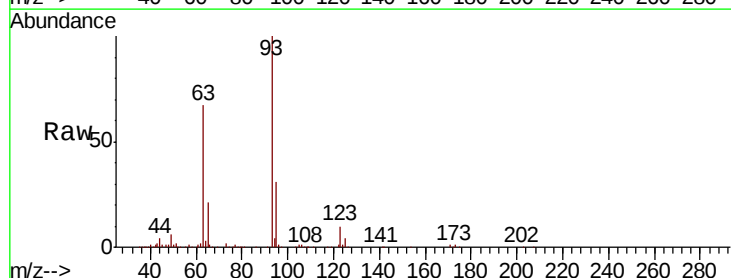
Tgt Ion: 93 Resp: 283384

Ion Ratio Lower Upper

93 100

95 30.9 26.0 39.0

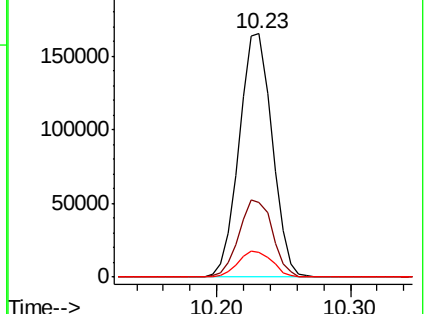
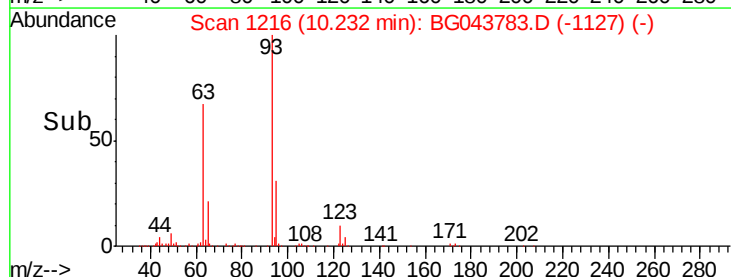
123 10.4 8.7 13.1

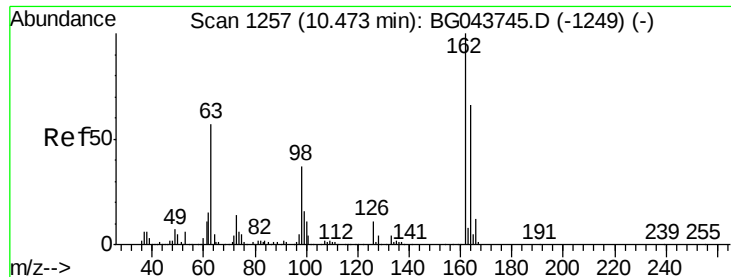


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

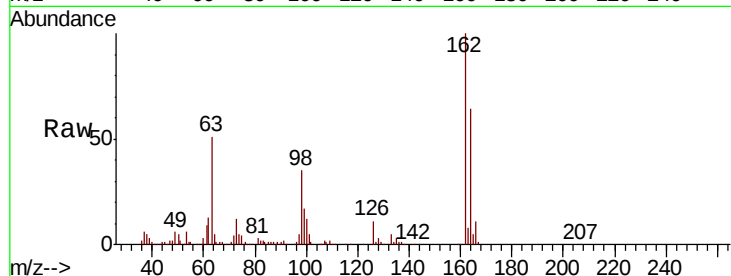




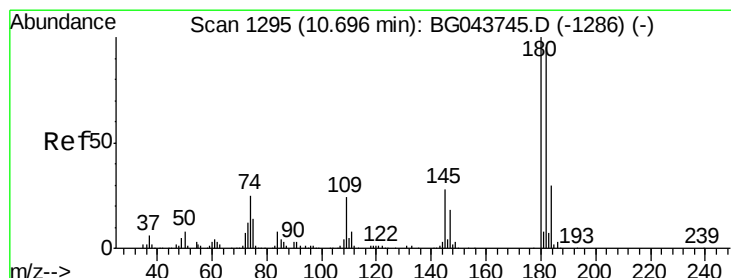
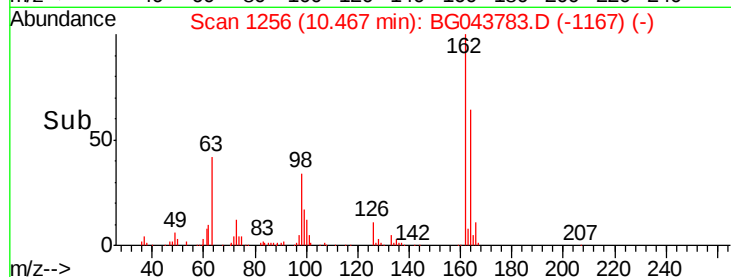
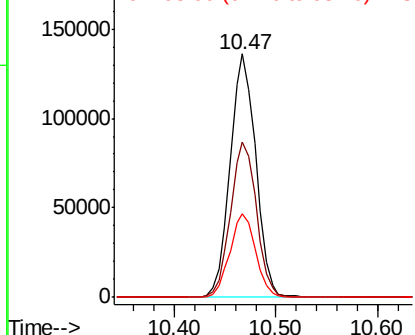
#29
2,4-Dichlorophenol
Concen: 53.012 ng
RT: 10.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BG043783.D
Acq: 26 Nov 2019 18:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	46.4	86.4
98	34.5	17.3	57.3

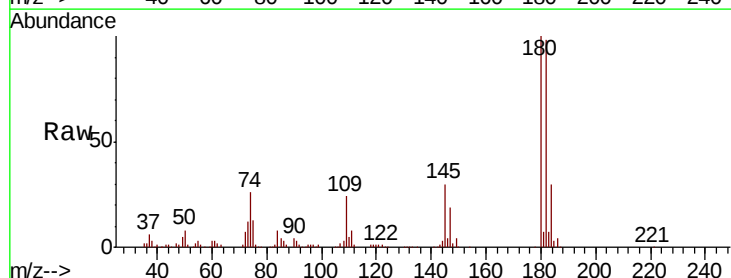


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

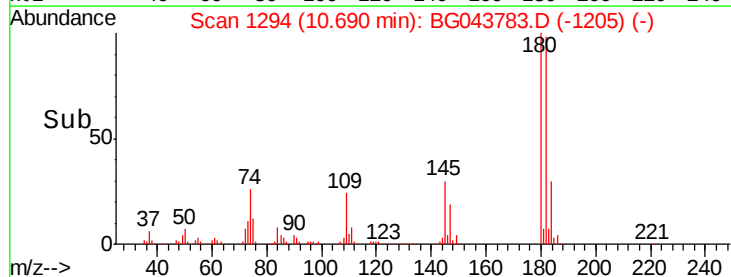
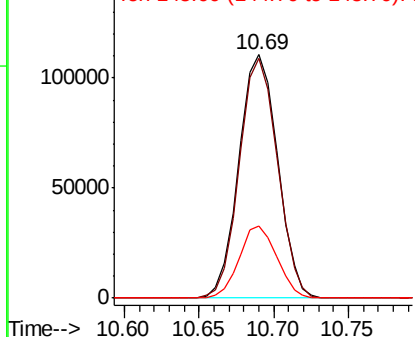


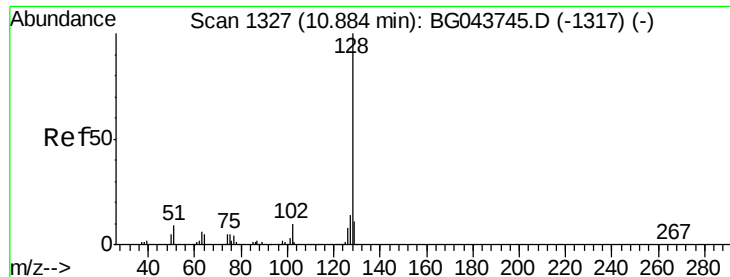
#30
1,2,4-Trichlorobenzene
Concen: 37.585 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG043783.D
Acq: 26 Nov 2019 18:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.3	75.8	113.6
145	29.8	22.5	33.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

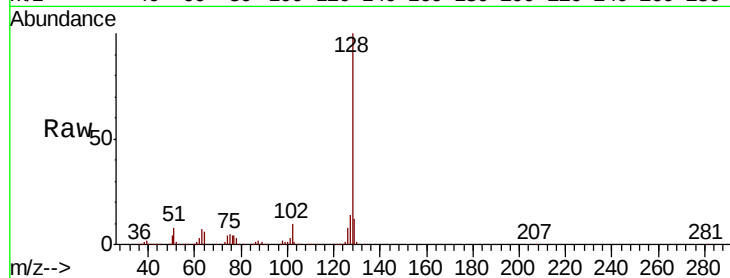




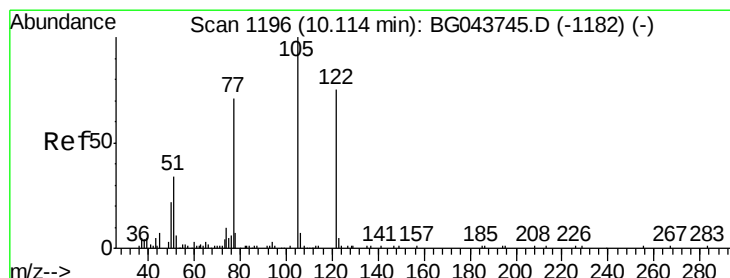
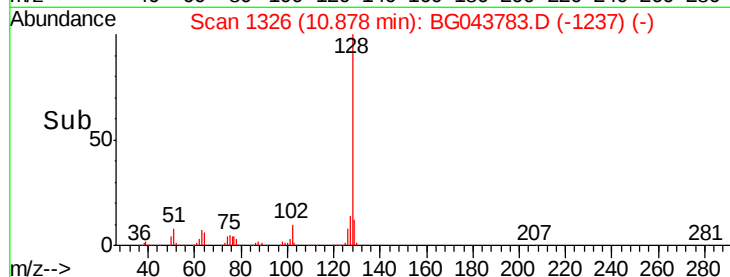
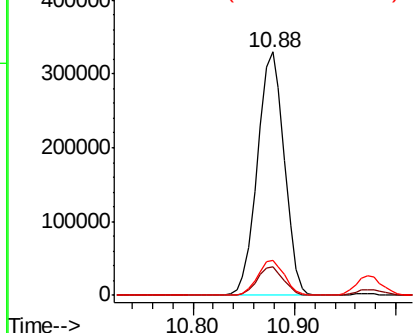
#31
Naphthalene
Concen: 43.546 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BG043783.D
Acq: 26 Nov 2019 18:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 604974
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 14.3 11.4 17.0

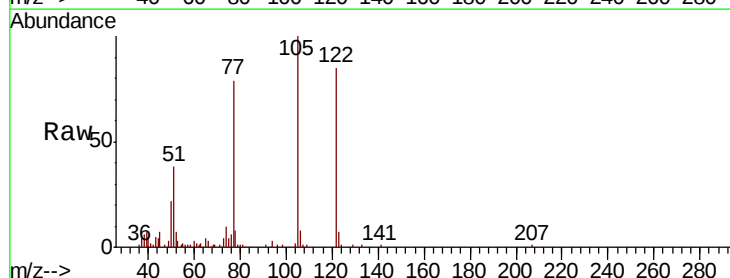


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

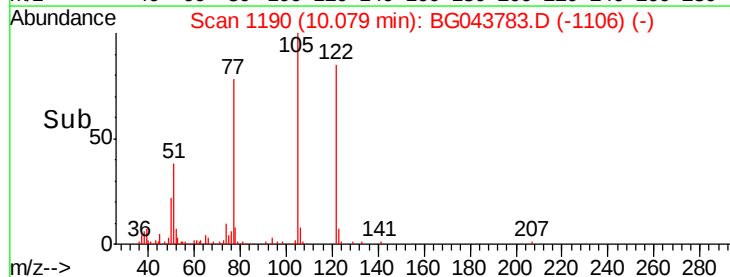
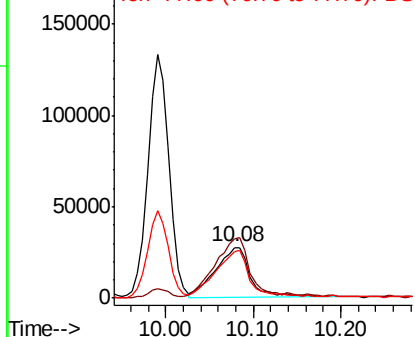


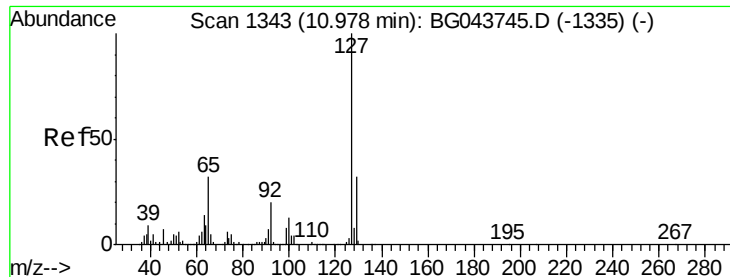
#32
Benzoic acid
Concen: 28.373 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.04 min
Lab File: BG043783.D
Acq: 26 Nov 2019 18:32

Tgt Ion:122 Resp: 75894
Ion Ratio Lower Upper
122 100
105 117.4 109.3 149.3
77 92.3 76.1 116.1



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

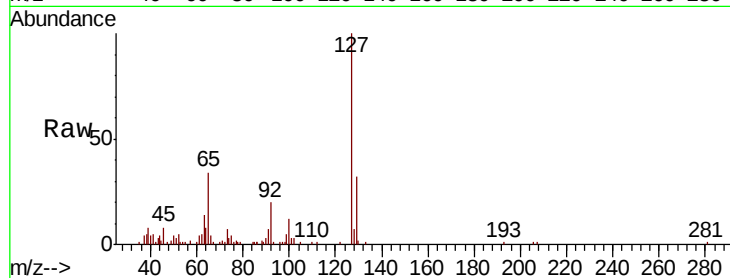




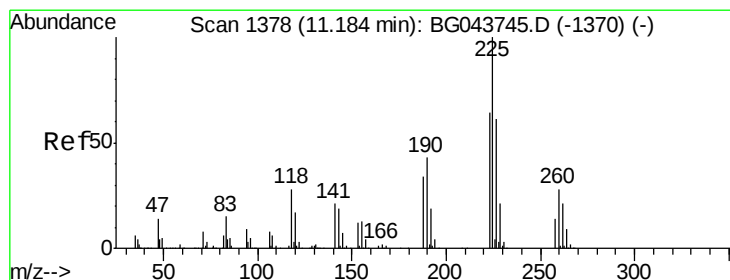
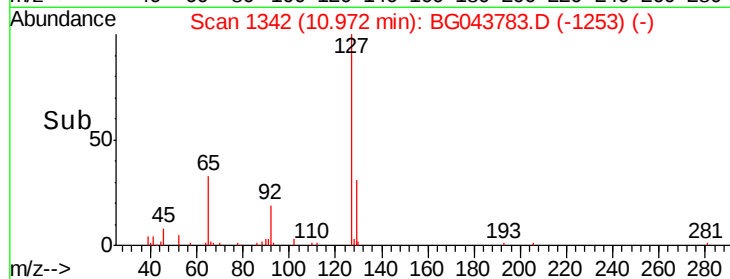
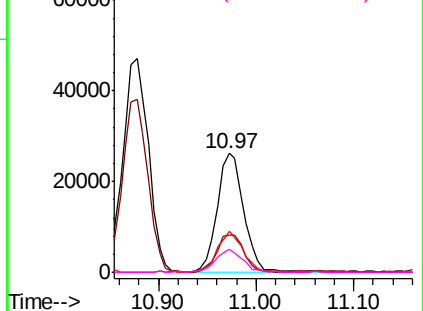
#33
4-Chloroaniline
Concen: 7.411 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG043783.D
Acq: 26 Nov 2019 18:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	49604
Ion Ratio	Lower	Upper
127	100	
129	31.6	25.9 38.9
65	34.1	25.8 38.8
92	20.0	15.8 23.6

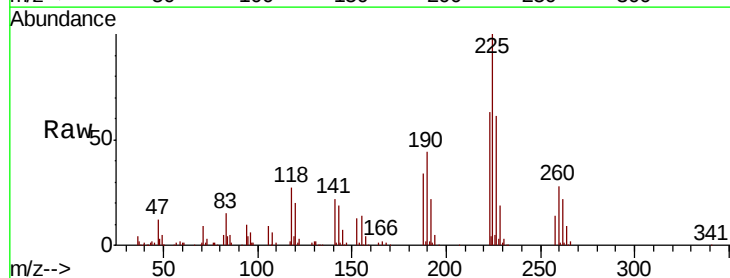


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

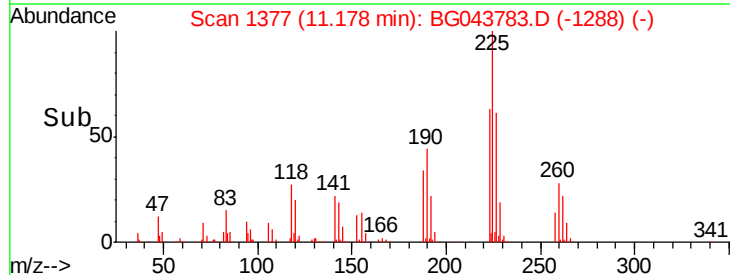
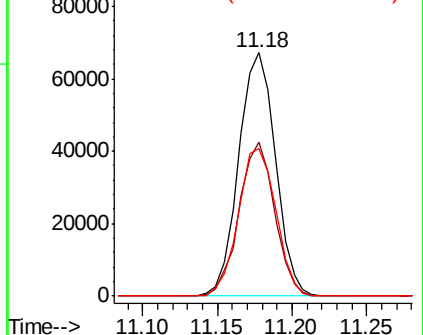


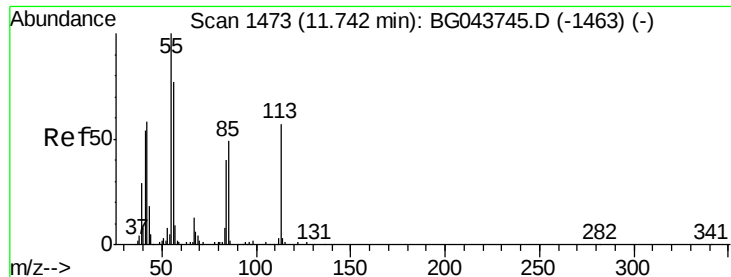
#34
Hexachlorobutadiene
Concen: 33.035 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BG043783.D
Acq: 26 Nov 2019 18:32

Tgt Ion:225	Resp:	114785
Ion Ratio	Lower	Upper
225	100	
223	63.5	51.2 76.8
227	60.6	51.0 76.4



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: 30.909 ng

RT: 11.72 min Scan# 1470

Delta R.T. -0.02 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

Instrument :

BNA_G

ClientSampleId :

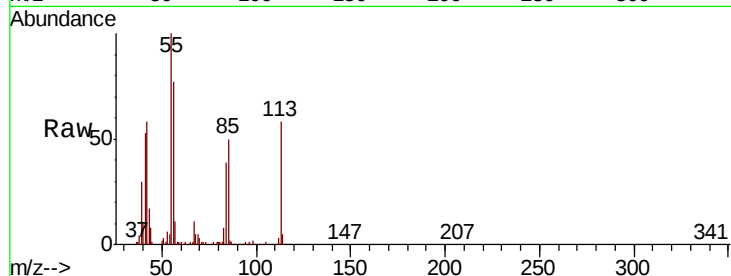
Tot Ion:113 Resp: 56673

Ion Ratio Lower Upper

113 100

55 172.4 160.9 200.9

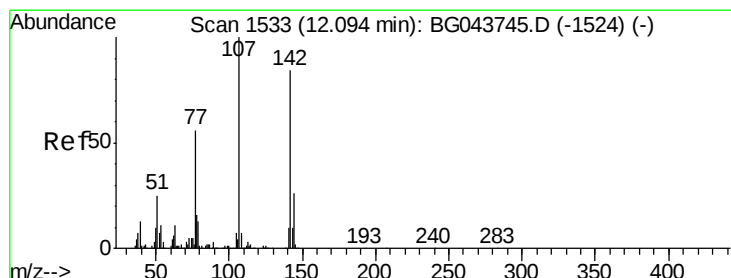
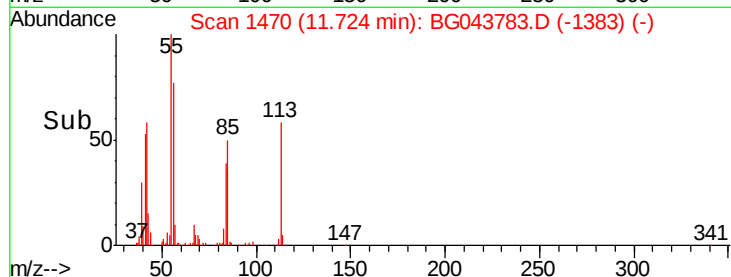
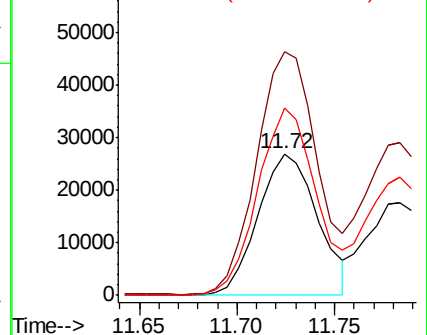
56 132.3 116.8 156.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 56.773 ng

RT: 12.09 min Scan# 1533

Delta R.T. 0.00 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

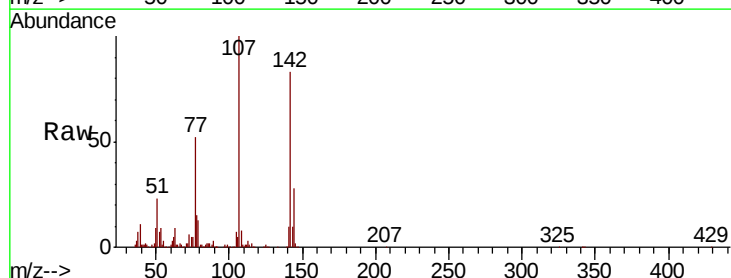
Tgt Ion:107 Resp: 287696

Ion Ratio Lower Upper

107 100

144 27.8 21.0 31.4

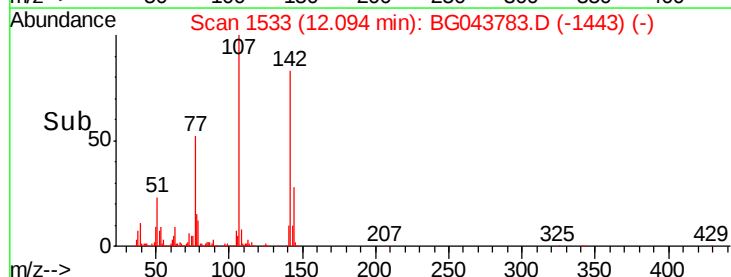
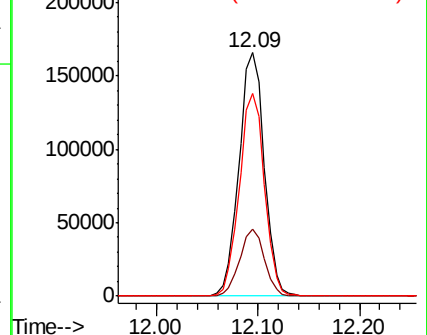
142 83.0 67.0 100.4

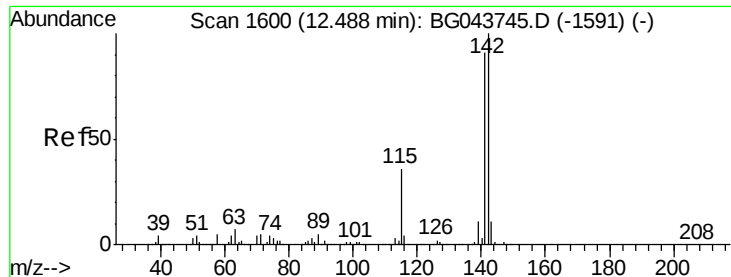


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

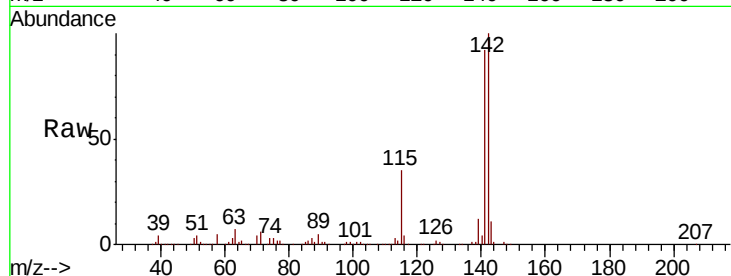




#37
2-Methylnaphthalene
Concen: 45.897 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BG043783.D
Acq: 26 Nov 2019 18:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.4	72.8	109.2
115	35.1	28.9	43.3

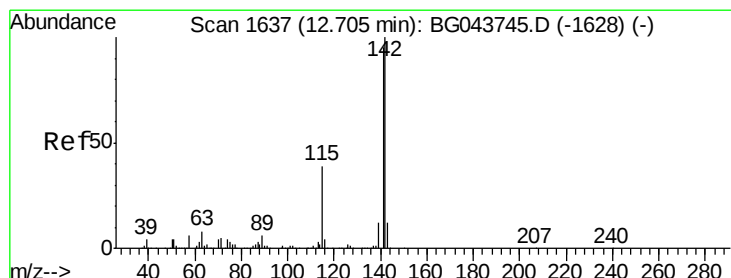
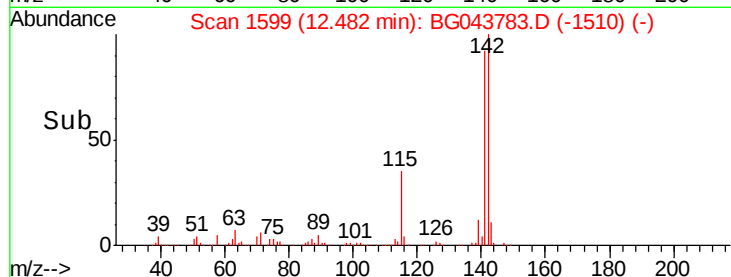
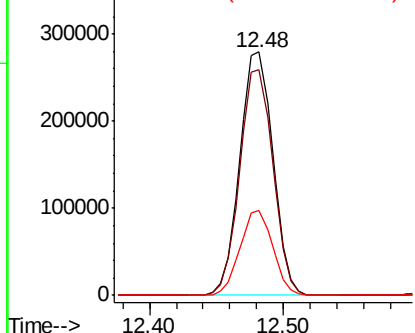


Abundance

Ion 142.00 (141.70 to 142.70): E

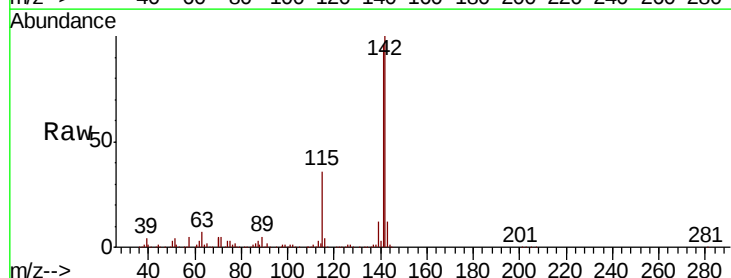
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 46.994 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BG043783.D
Acq: 26 Nov 2019 18:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.4	75.8	113.8
116	4.0	3.4	5.0

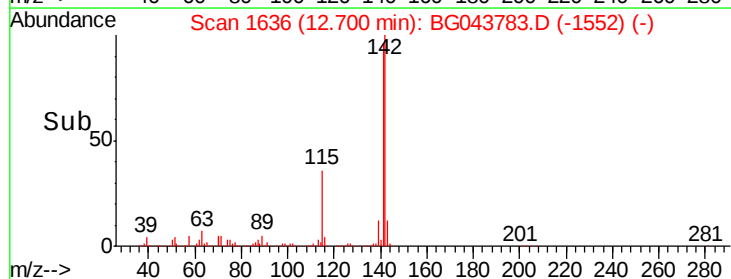
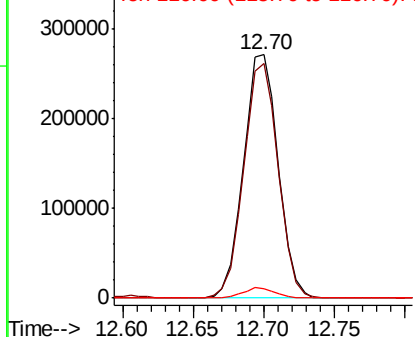


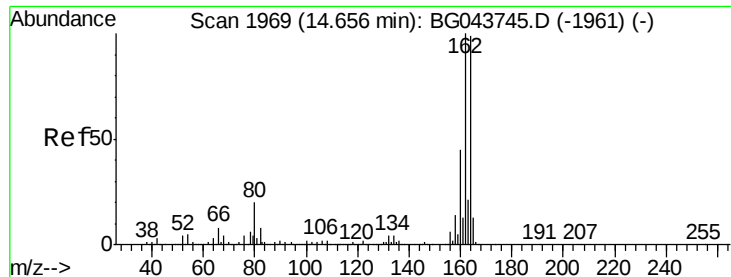
Abundance

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: 14.65 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

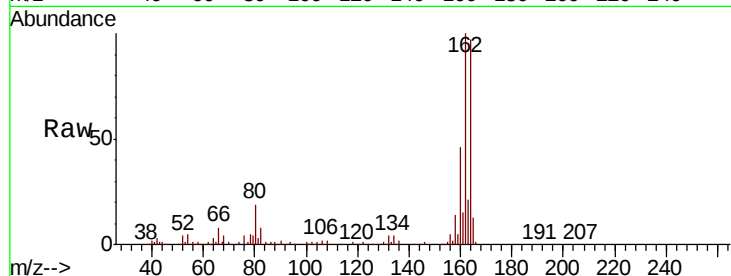
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 234650

Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.6	121.0
160	47.5	36.3	54.5

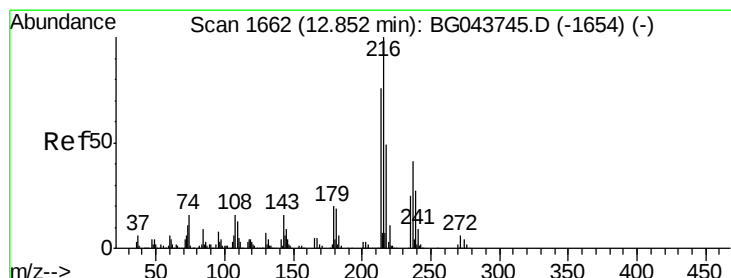
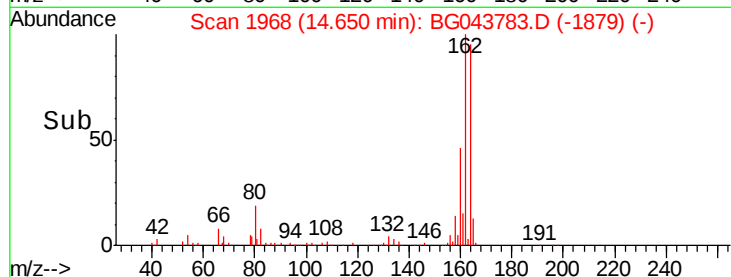
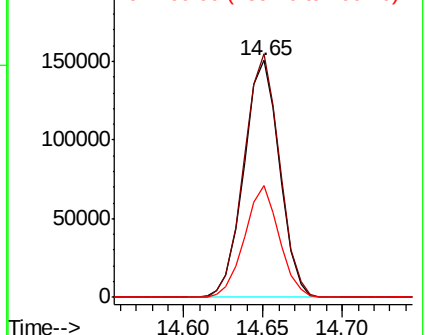


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.126 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

Tgt Ion:216 Resp: 254801

Ion	Ratio	Lower	Upper
216	100		
214	76.8	62.0	93.0
179	20.4	16.3	24.5
108	18.1	13.0	19.6

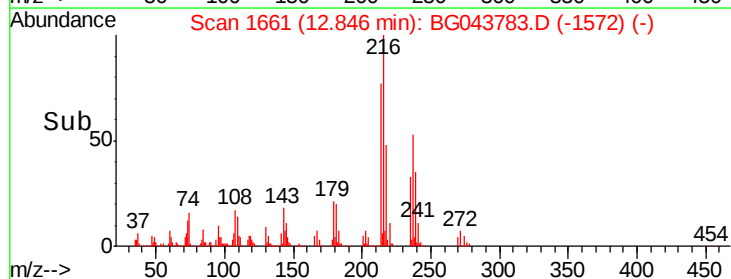
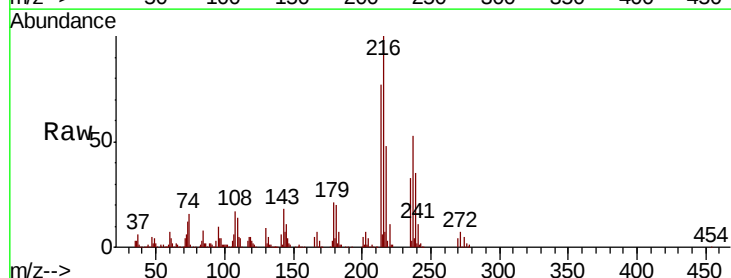
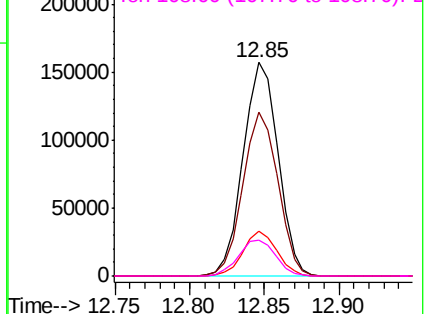
Abundance

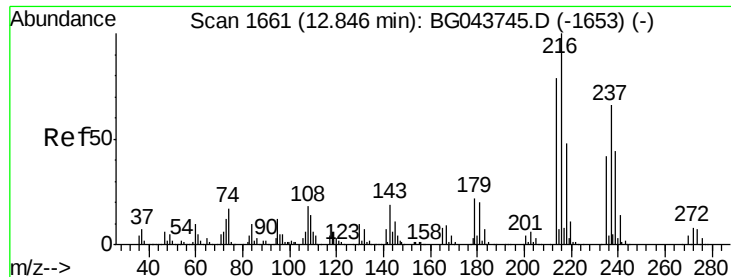
Ion 216.00 (215.70 to 216.70): E

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: 45.293 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.01 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

Instrument :

BNA_G

ClientSampleId :

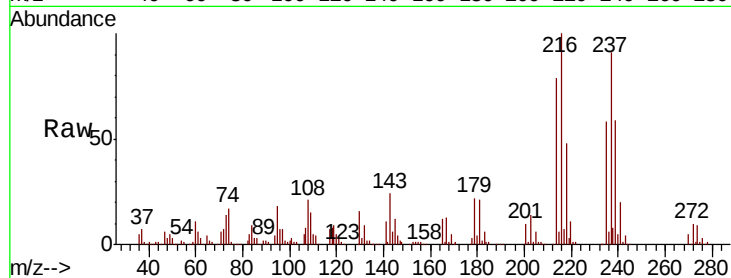
Tot Ion:237 Resp: 182710

Ion Ratio Lower Upper

237 100

235 64.1 43.8 83.8

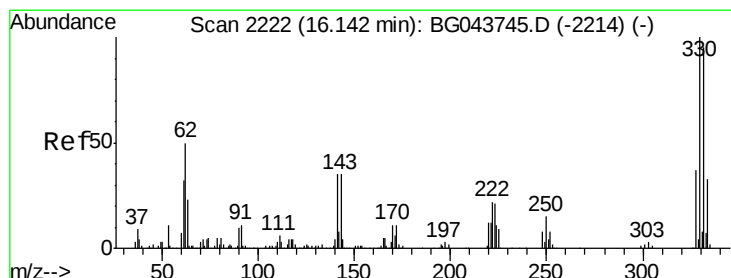
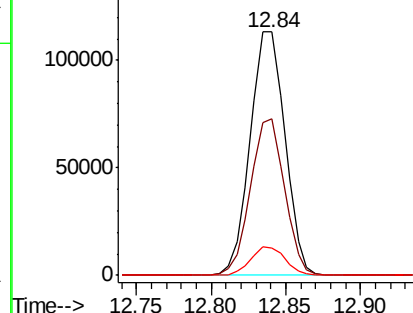
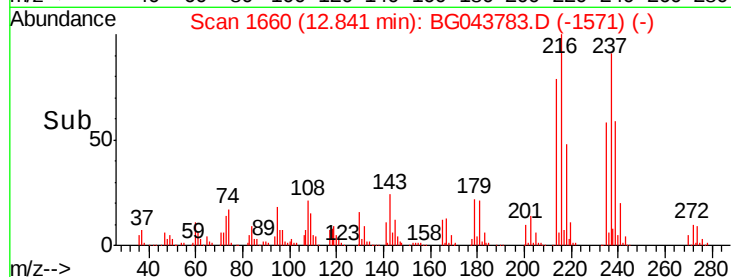
272 11.1 0.0 31.8



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 139.412 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

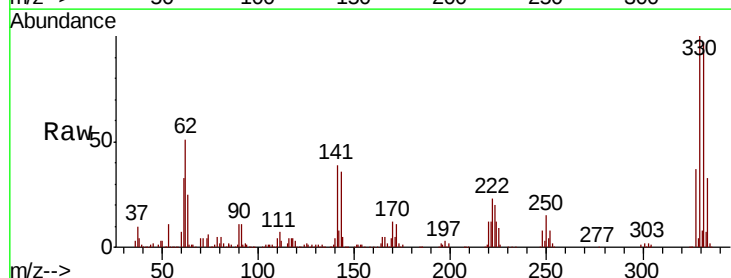
Tgt Ion:330 Resp: 394569

Ion Ratio Lower Upper

330 100

332 95.7 77.3 115.9

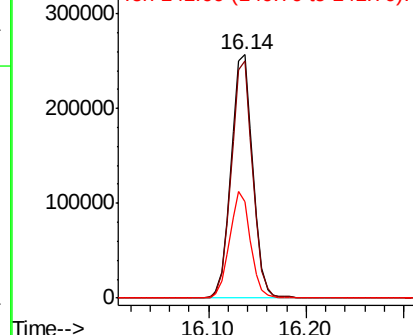
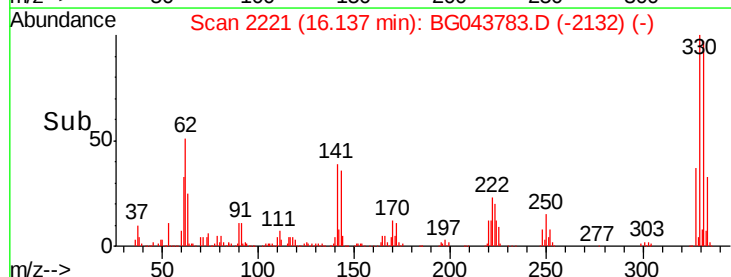
141 42.1 31.4 47.2

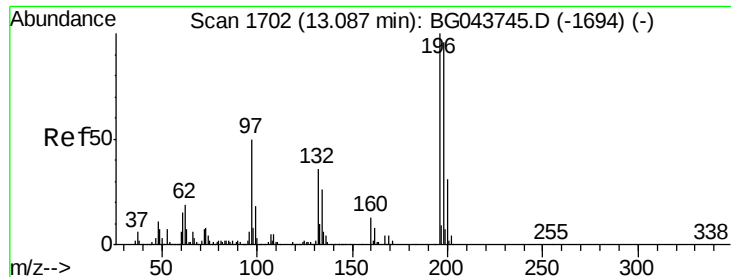


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

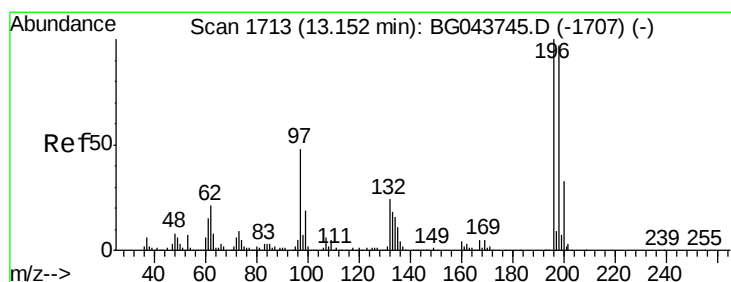
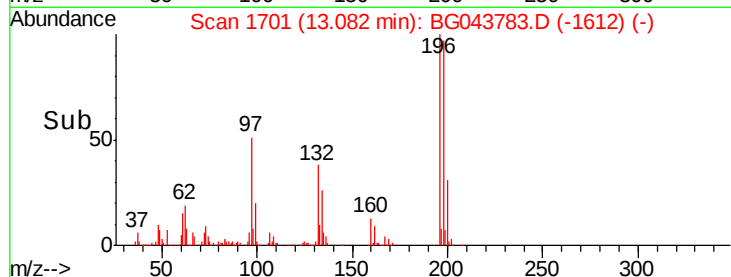
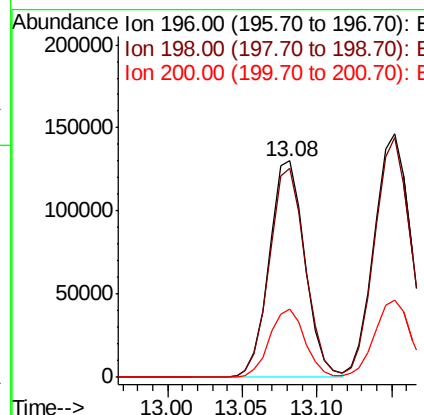
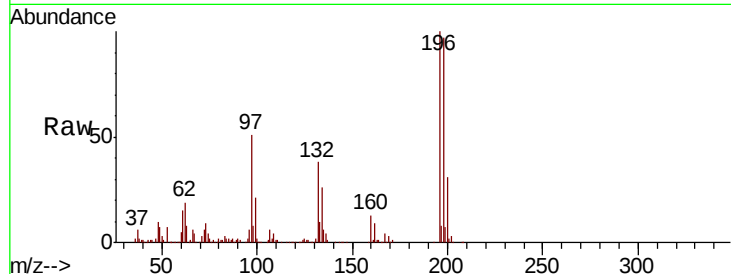




#43
 2,4,6-Trichlorophenol
 Concen: 44.990 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG043783.D
 Acq: 26 Nov 2019 18:32

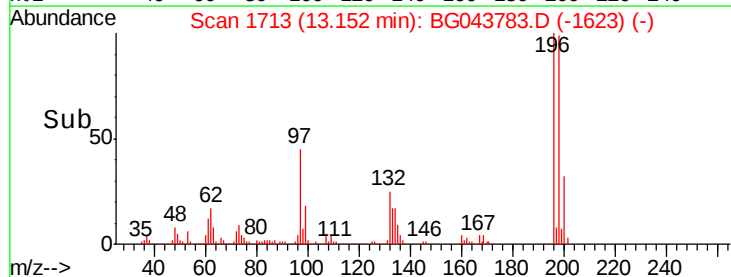
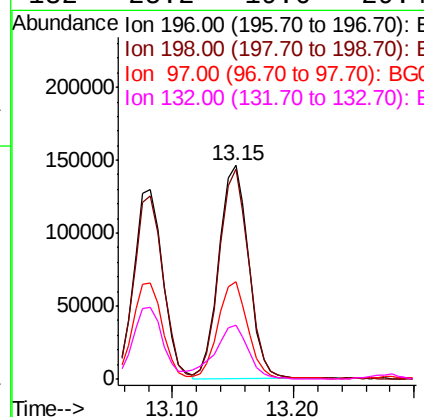
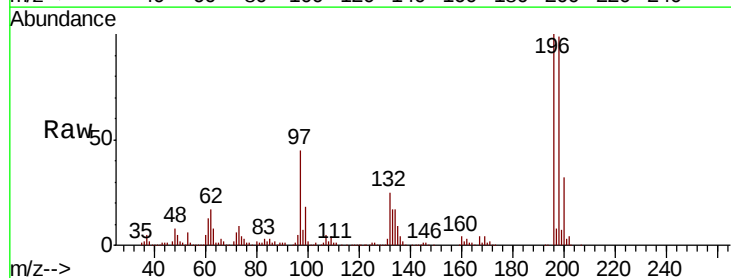
Instrument :
 BNA_G
 ClientSampled :

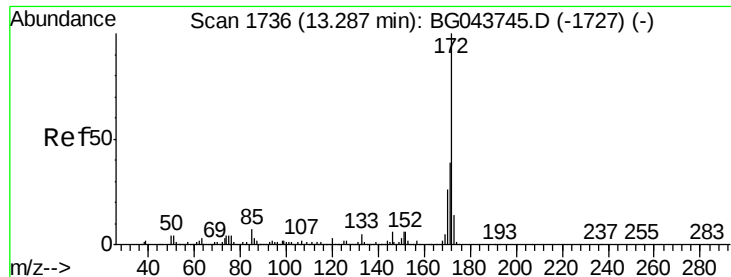
Tot Ion:196 Resp: 216042
 Ion Ratio Lower Upper
 196 100
 198 96.5 76.5 114.7
 200 31.4 24.6 36.8



#44
 2,4,5-Trichlorophenol
 Concen: 49.841 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BG043783.D
 Acq: 26 Nov 2019 18:32

Tgt Ion:196 Resp: 248991
 Ion Ratio Lower Upper
 196 100
 198 98.6 78.2 117.2
 97 45.3 39.1 58.7
 132 25.2 19.6 29.4



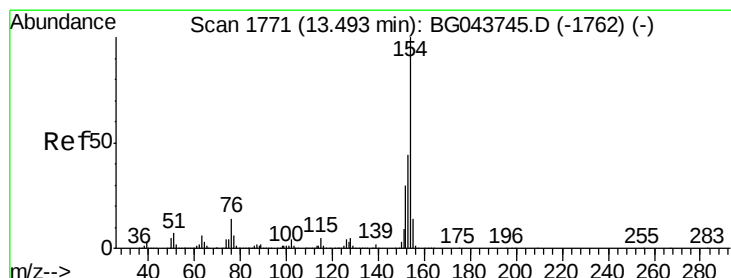
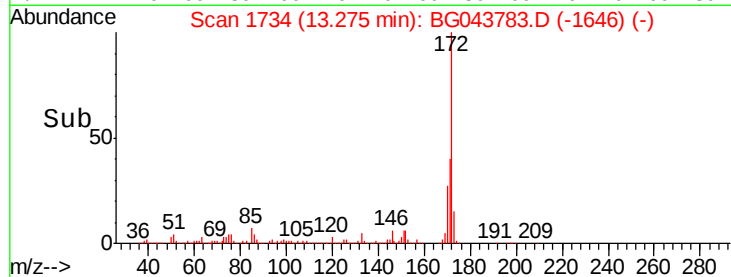
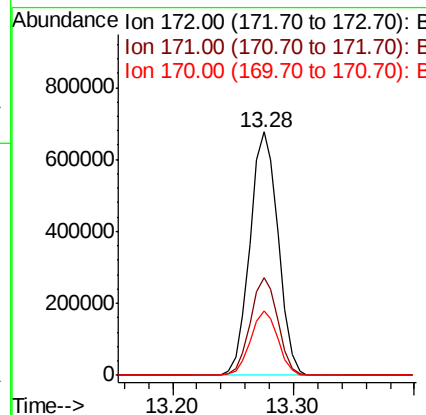
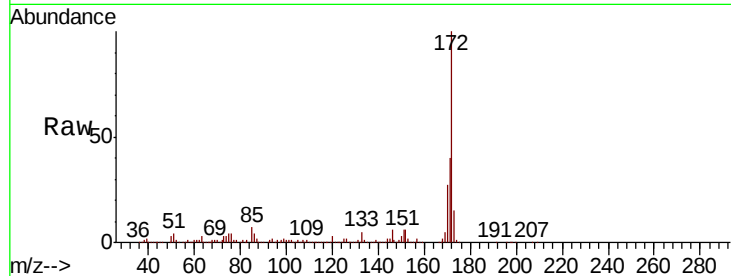


#45
 2-Fluorobiphenyl
 Concen: 76.933 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG043783.D
 Acq: 26 Nov 2019 18:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1098219

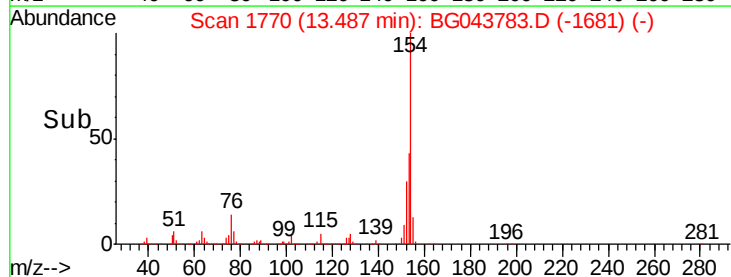
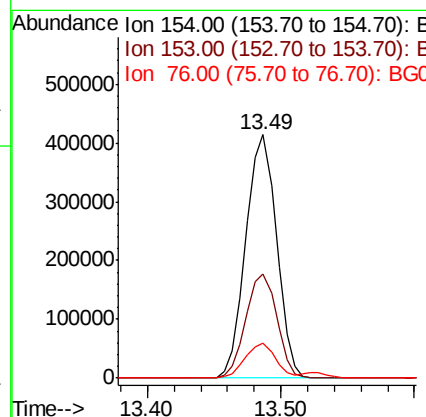
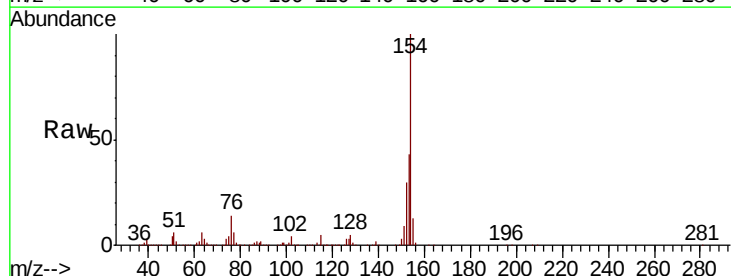
Ion	Ratio	Lower	Upper
172	100		
171	40.1	31.0	46.6
170	26.7	21.0	31.4

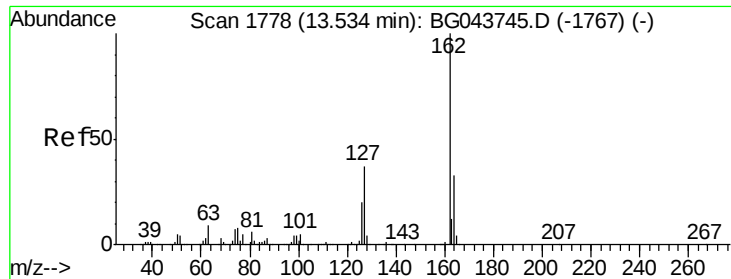


#46
 1,1'-Biphenyl
 Concen: 40.471 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG043783.D
 Acq: 26 Nov 2019 18:32

Tgt Ion:154 Resp: 658273

Ion	Ratio	Lower	Upper
154	100		
153	43.0	23.5	63.5
76	14.4	0.0	33.6

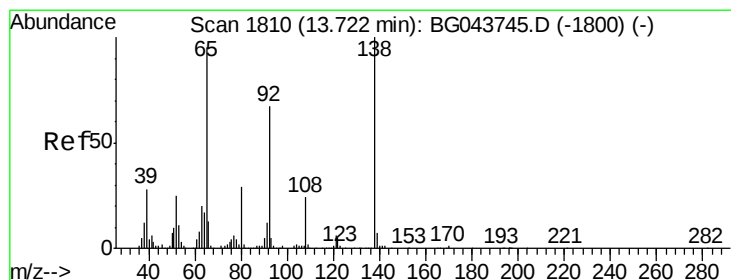
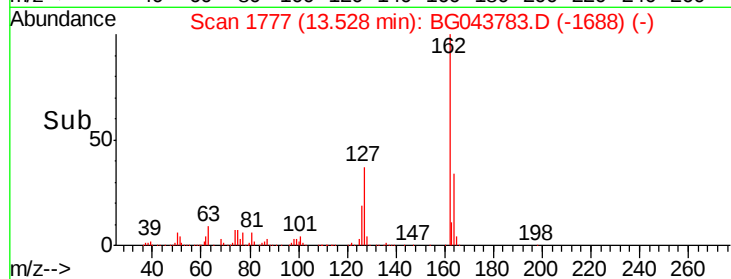
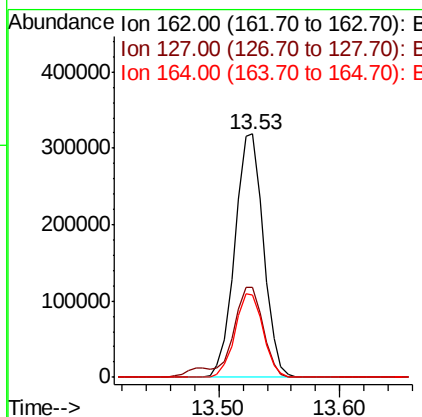
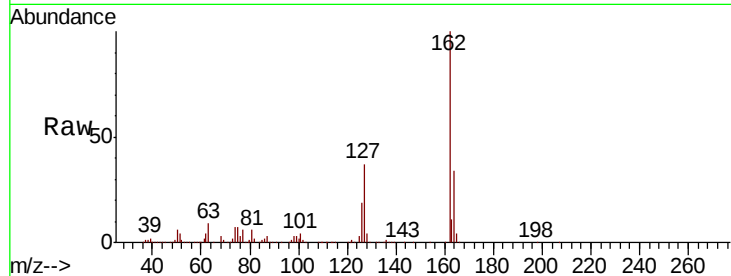




#47
 2-Chloronaphthalene
 Concen: 39.653 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG043783.D
 Acq: 26 Nov 2019 18:32

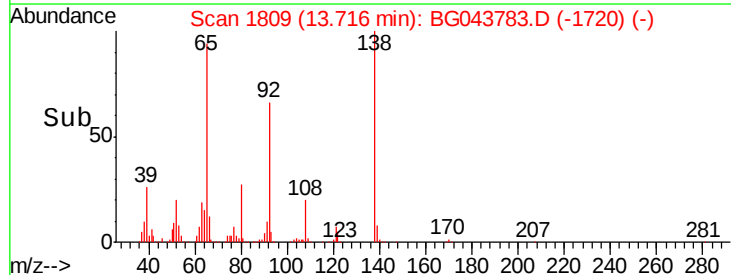
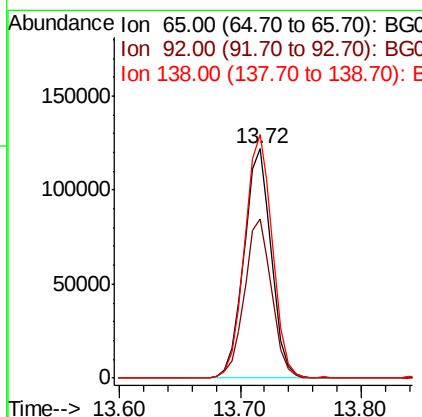
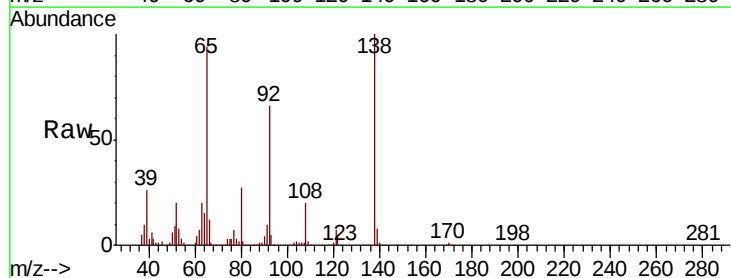
Instrument :
 BNA_G
 ClientSampleId :

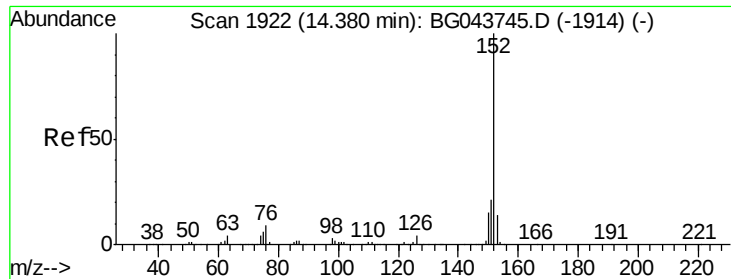
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.0	30.0	45.0
164	34.0	26.4	39.6



#48
 2-Nitroaniline
 Concen: 49.400 ng
 RT: 13.72 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BG043783.D
 Acq: 26 Nov 2019 18:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.7	56.1	84.1
138	106.3	84.2	126.4





#49

Acenaphthylene

Concen: 43.790 ng

RT: 14.37 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

Instrument :

BNA_G

ClientSampleId :

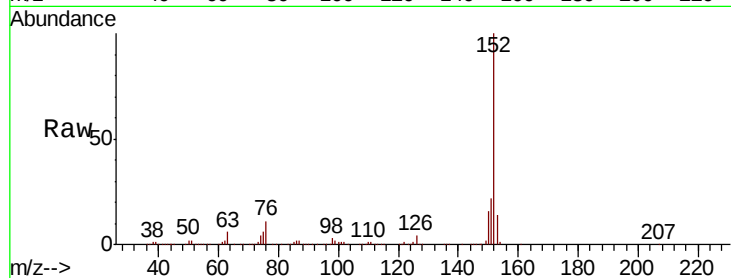
Tot Ion:152 Resp: 913854

Ion Ratio Lower Upper

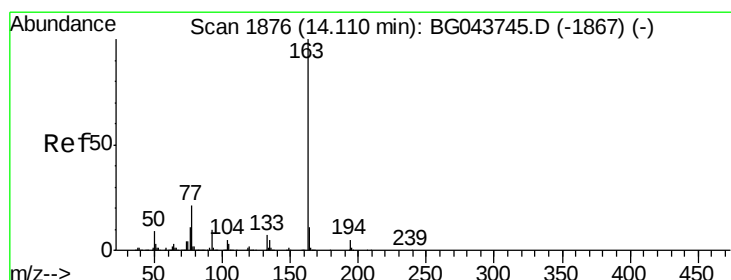
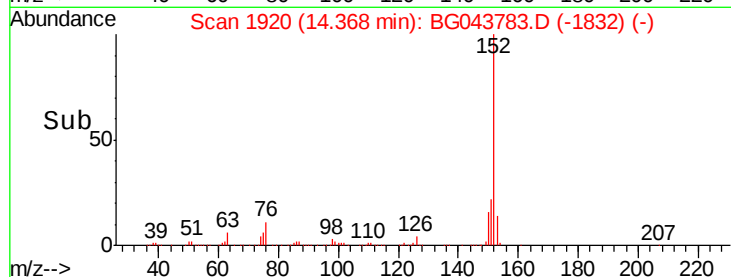
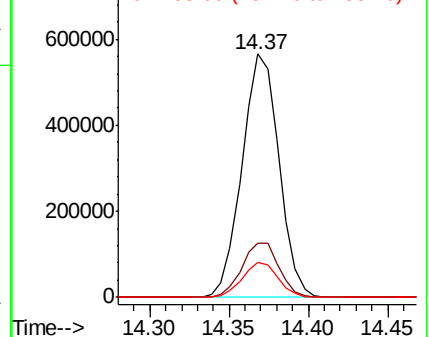
152 100

151 22.1 17.0 25.6

153 14.4 10.8 16.2



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: 48.112 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

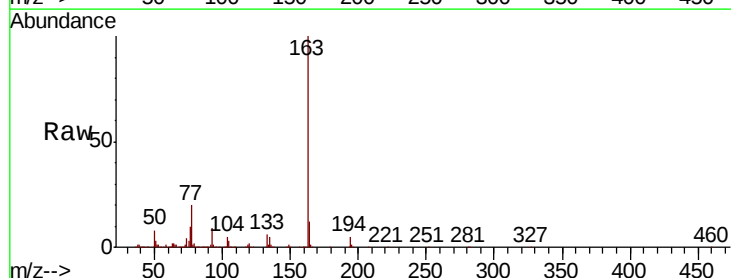
Tgt Ion:163 Resp: 894312

Ion Ratio Lower Upper

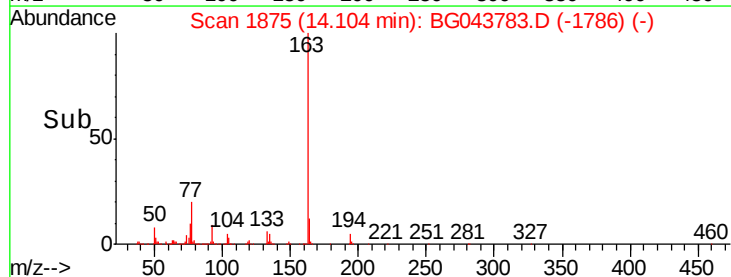
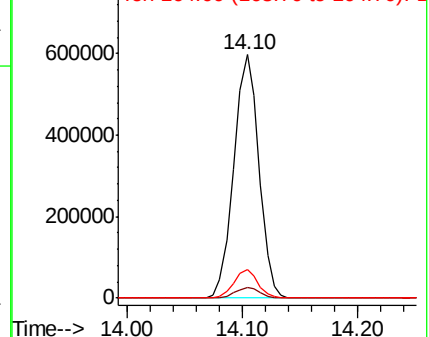
163 100

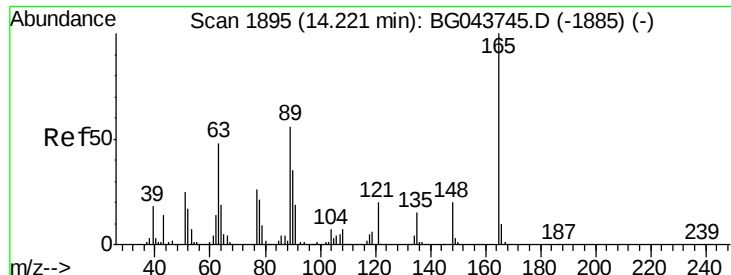
194 4.5 3.7 5.5

164 11.5 8.7 13.1



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

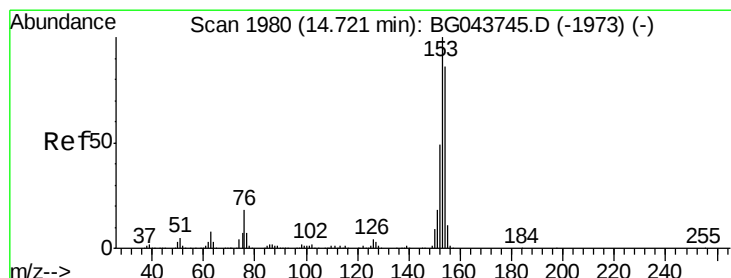
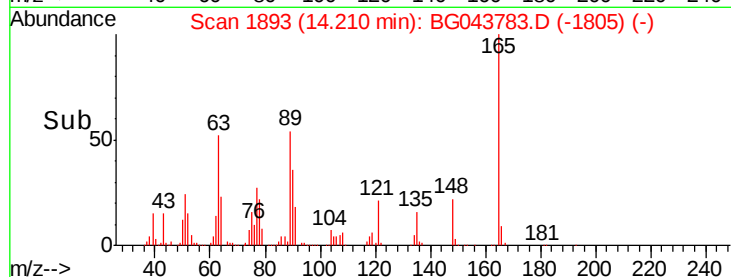
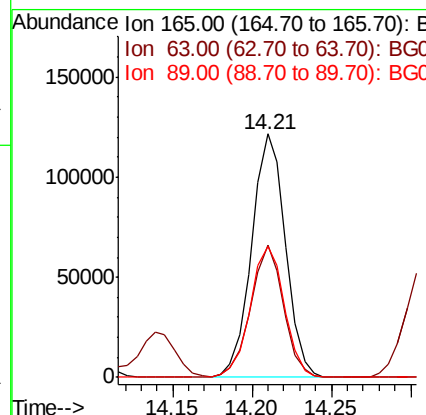
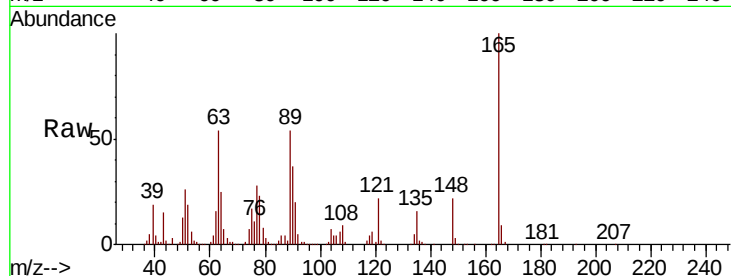




#51
 2,6-Dinitrotoluene
 Concen: 51.996 ng
 RT: 14.21 min Scan# 1893
 Delta R.T. -0.01 min
 Lab File: BG043783.D
 Acq: 26 Nov 2019 18:32

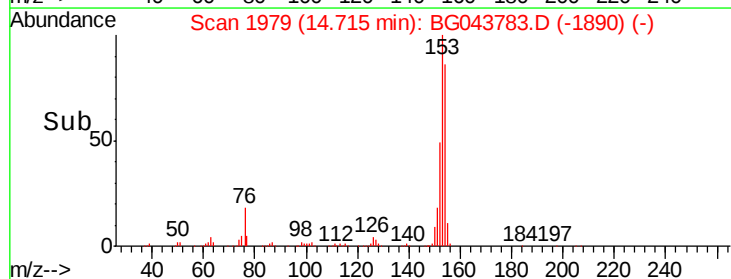
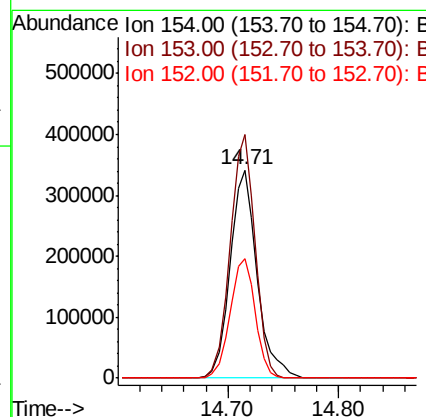
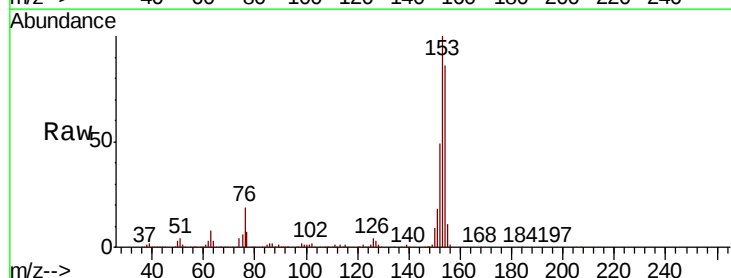
Instrument :
 BNA_G
 ClientSampleId :

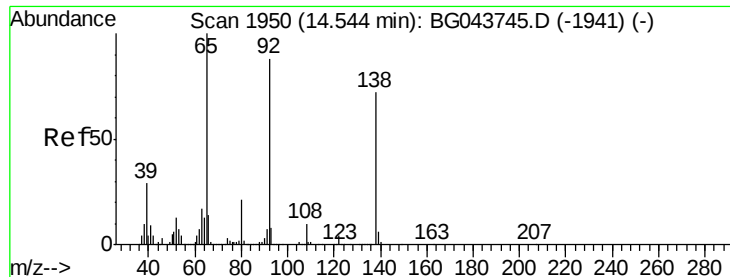
Tot Ion:165 Resp: 179485
 Ion Ratio Lower Upper
 165 100
 63 54.4 43.4 65.2
 89 53.9 44.6 67.0



#52
 Acenaphthene
 Concen: 43.728 ng
 RT: 14.71 min Scan# 1979
 Delta R.T. -0.01 min
 Lab File: BG043783.D
 Acq: 26 Nov 2019 18:32

Tgt Ion:154 Resp: 583588
 Ion Ratio Lower Upper
 154 100
 153 116.8 92.9 139.3
 152 57.5 45.2 67.8

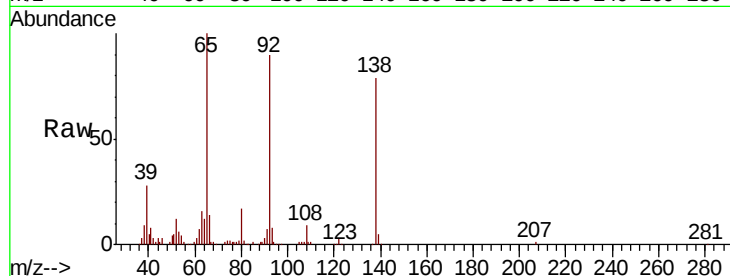




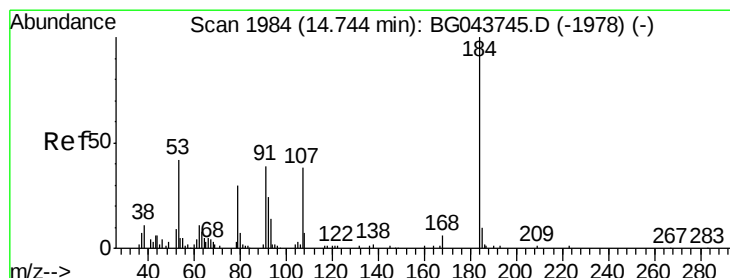
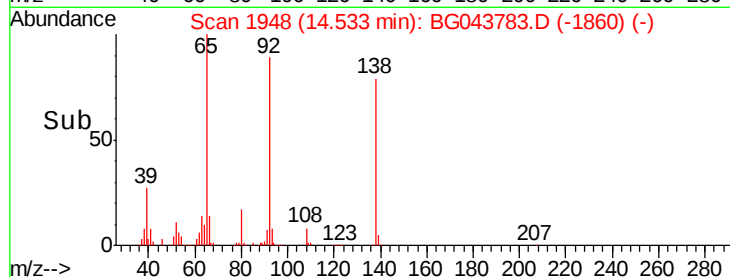
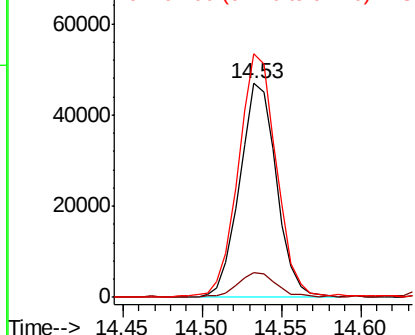
#53
 3-Nitroaniline
 Concen: 18.828 ng
 RT: 14.53 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG043783.D
 Acq: 26 Nov 2019 18:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:138 Resp: 75913
 Ion Ratio Lower Upper
 138 100
 108 11.7 11.7 17.5
 92 113.9 97.2 145.8

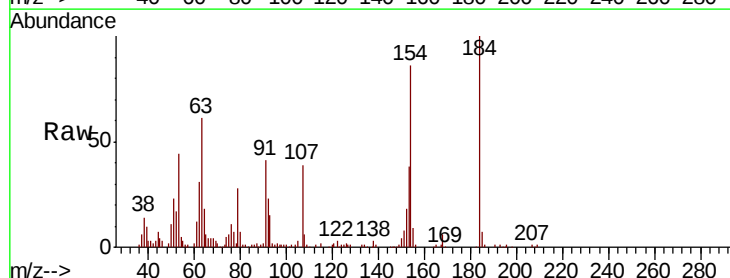


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC

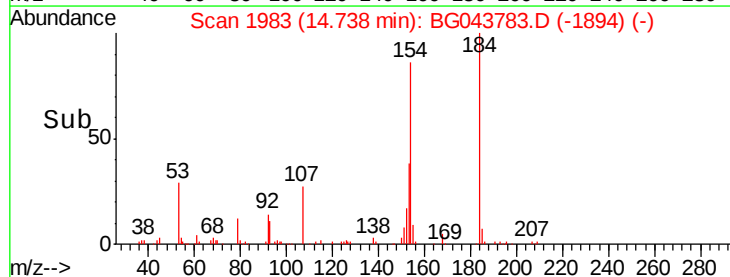
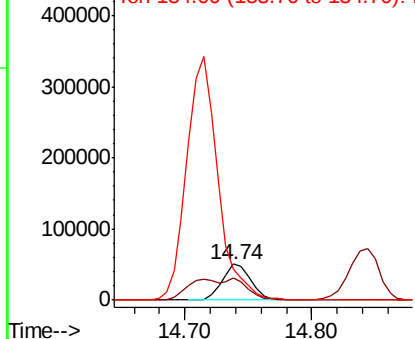


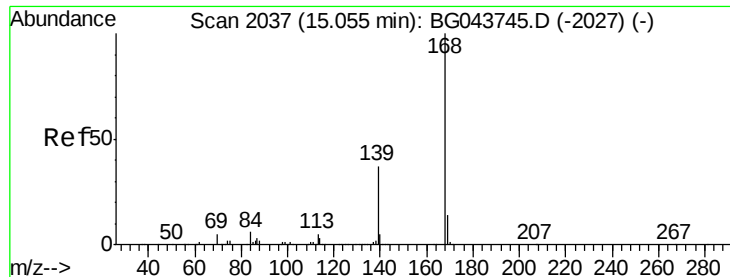
#54
 2,4-Dinitrophenol
 Concen: 55.836 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.01 min
 Lab File: BG043783.D
 Acq: 26 Nov 2019 18:32

Tgt Ion:184 Resp: 78748
 Ion Ratio Lower Upper
 184 100
 63 61.1 52.4 78.6
 154 86.3 92.8 139.2#



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

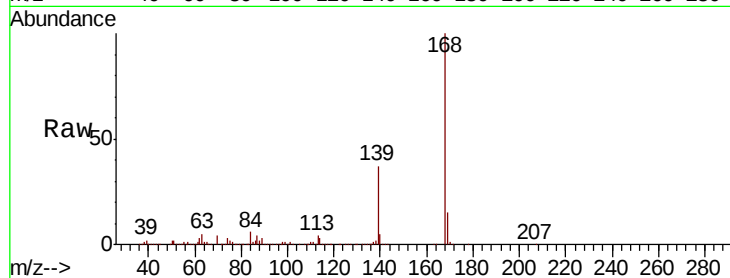




#55
Dibenzenofuran
Concen: 43.990 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BG043783.D
Acq: 26 Nov 2019 18:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.3	29.4	44.2
169	14.8	11.3	16.9

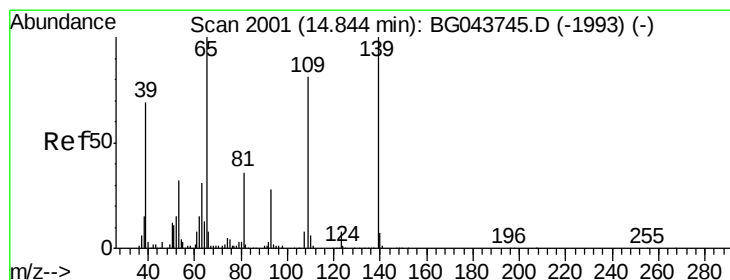
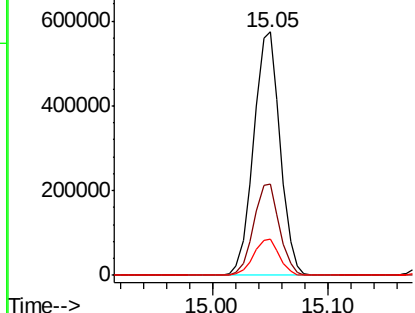
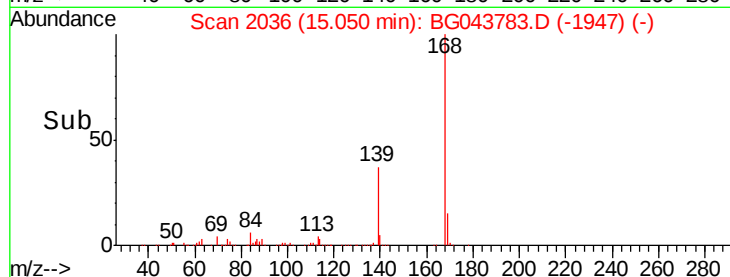


Abundance

Ion 168.00 (167.70 to 168.70): E

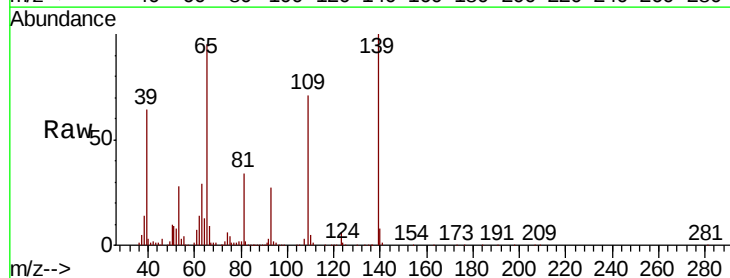
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 124.473 ng
RT: 14.84 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BG043783.D
Acq: 26 Nov 2019 18:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.4	61.4	101.4
65	94.9	80.3	120.3

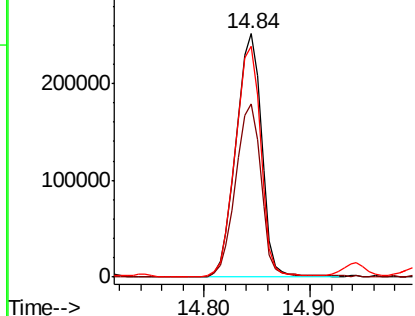
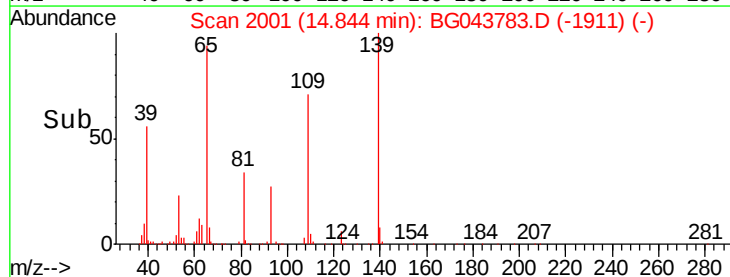


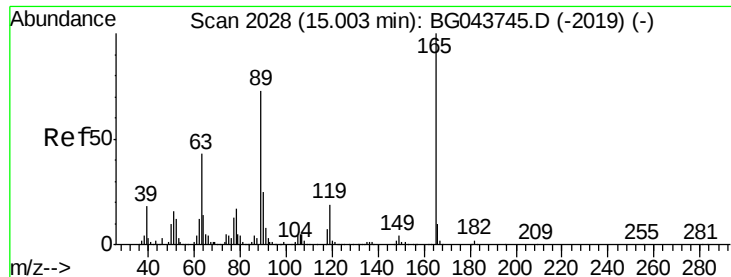
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

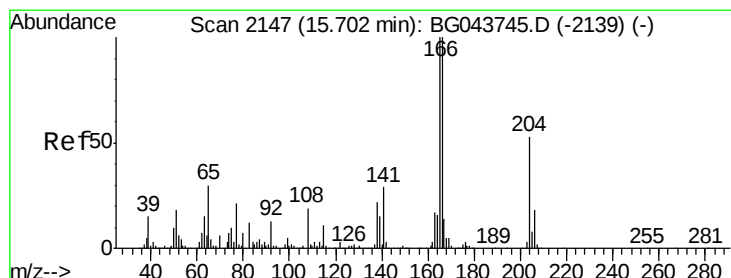
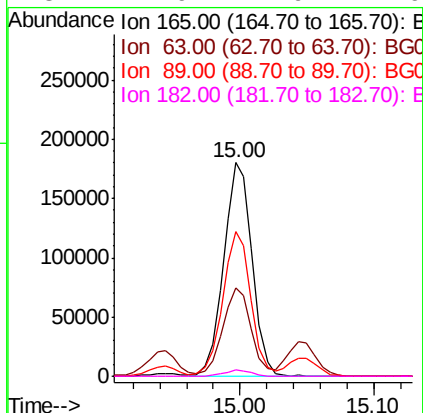
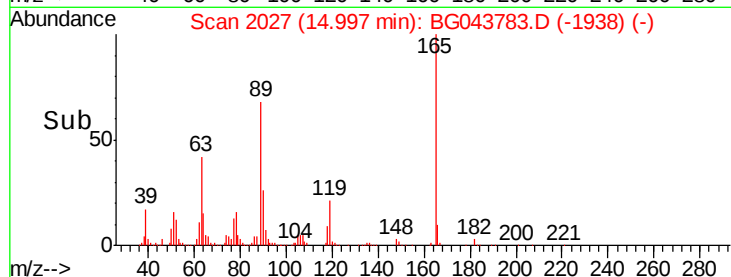
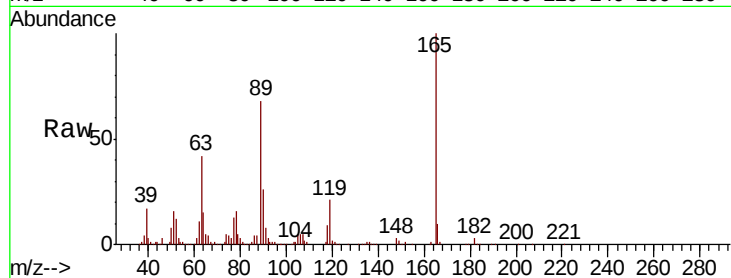




#57
2,4-Dinitrotoluene
Concen: 55.898 ng
RT: 15.00 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BG043783.D
Acq: 26 Nov 2019 18:32

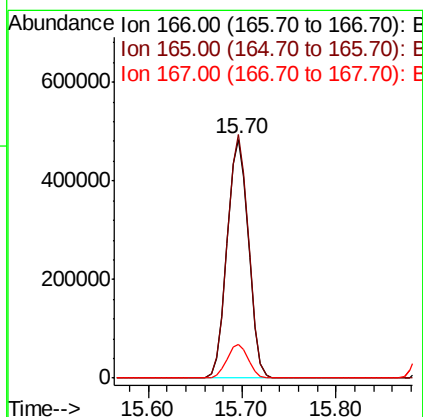
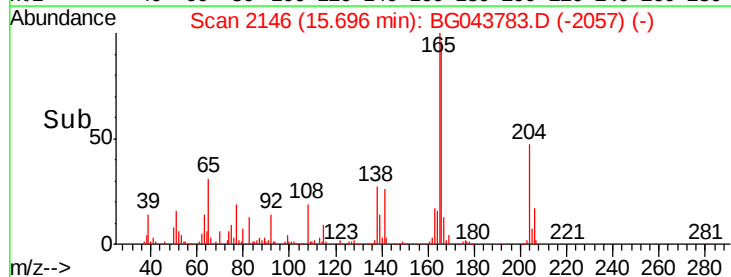
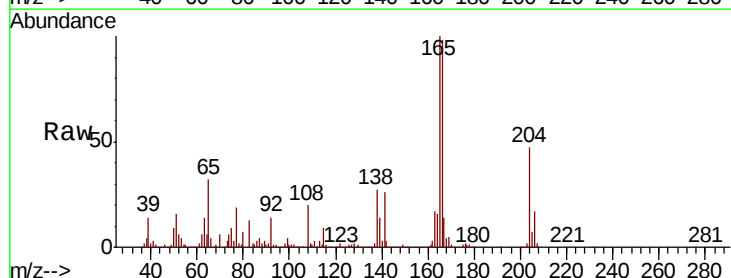
Instrument :
BNA_G
ClientSampled :

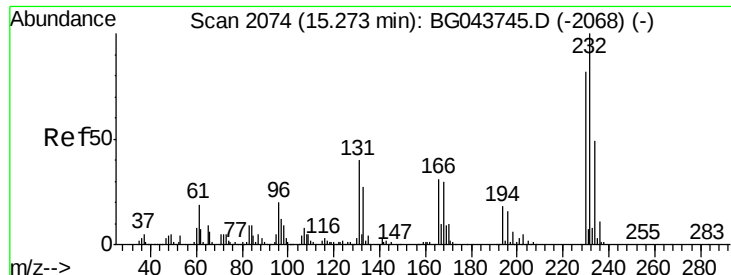
Tot	Ion:165	Resp:	267596
Ion	Ratio	Lower	Upper
165	100		
63	41.5	34.6	51.8
89	67.6	58.3	87.5
182	2.9	1.9	2.9



#58
Fluorene
Concen: 44.696 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG043783.D
Acq: 26 Nov 2019 18:32

Tgt	Ion:166	Resp:	762075
Ion	Ratio	Lower	Upper
166	100		
165	101.9	79.9	119.9
167	14.2	11.4	17.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 49.135 ng

RT: 15.27 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 246539

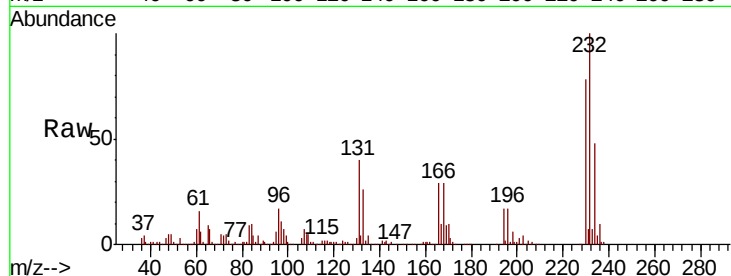
Ion Ratio Lower Upper

232 100

131 41.4 27.0 40.6#

130 2.6 1.6 2.4#

166 29.8 18.2 27.2#

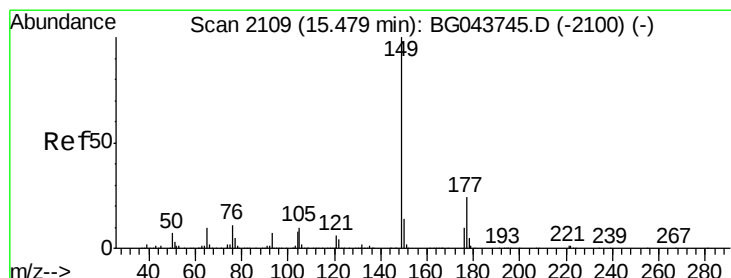
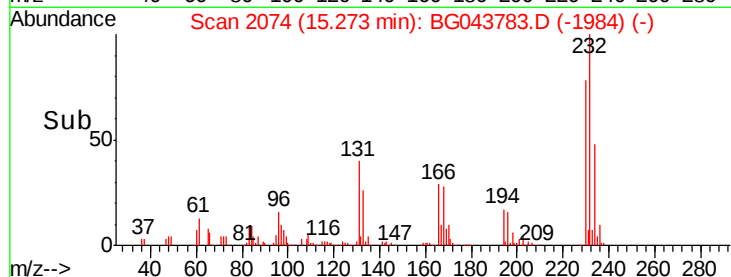
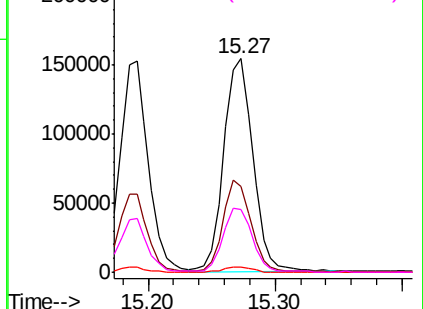


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 45.785 ng

RT: 15.47 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

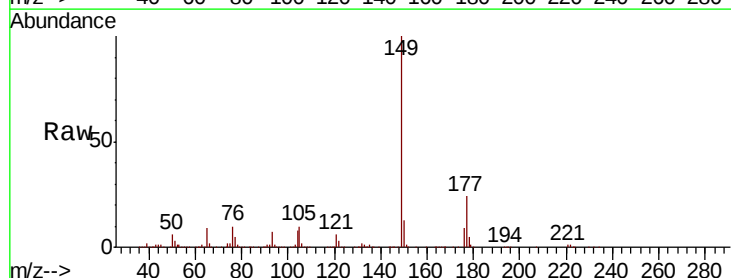
Tgt Ion:149 Resp: 866325

Ion Ratio Lower Upper

149 100

177 24.1 19.3 28.9

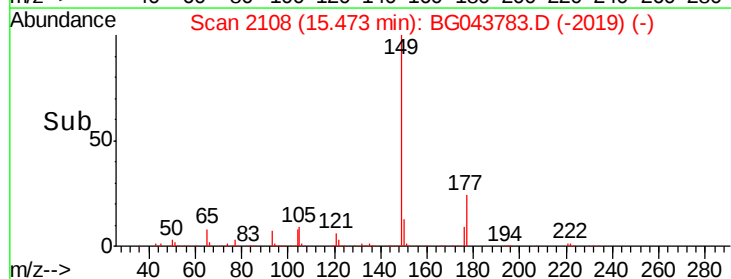
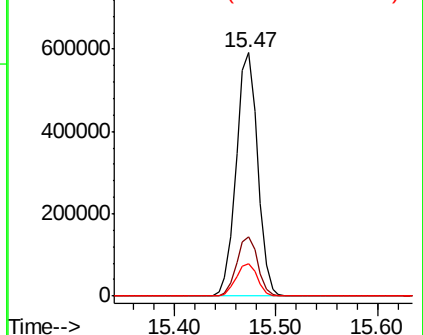
150 13.3 11.1 16.7

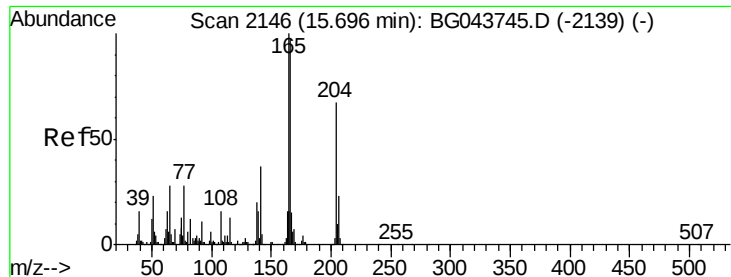


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

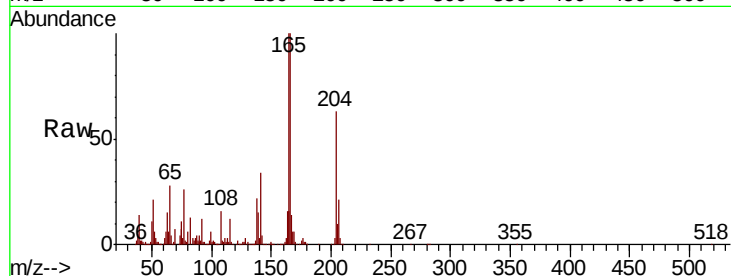




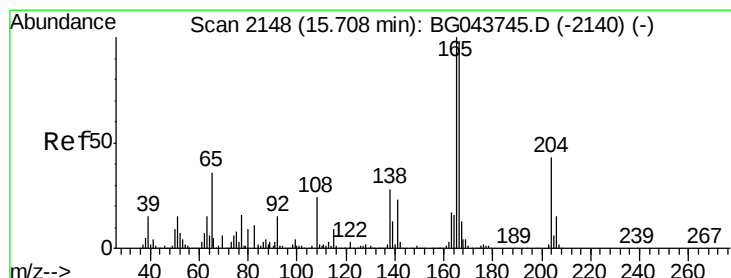
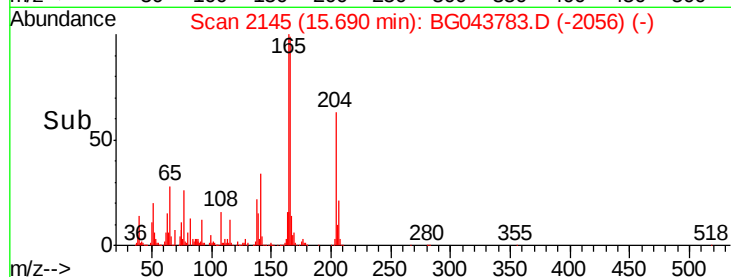
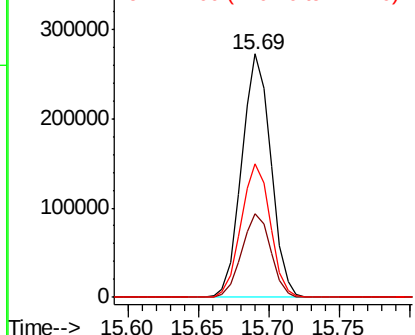
#61
4-Chlorophenyl-phenylether
Concen: 41.755 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BG043783.D
Acq: 26 Nov 2019 18:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 391974
Ion Ratio Lower Upper
204 100
206 34.2 27.4 41.0
141 54.8 44.3 66.5

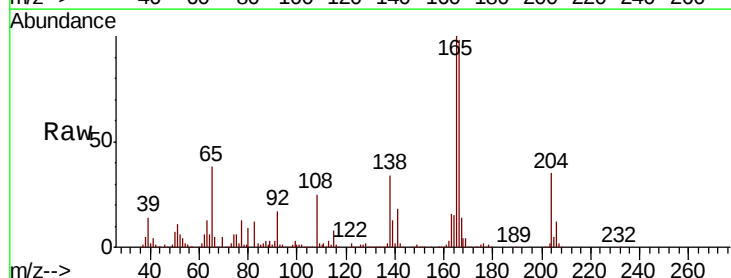


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

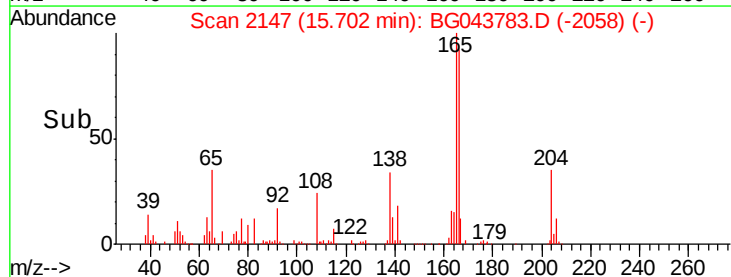
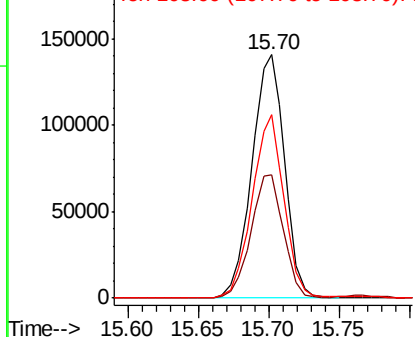


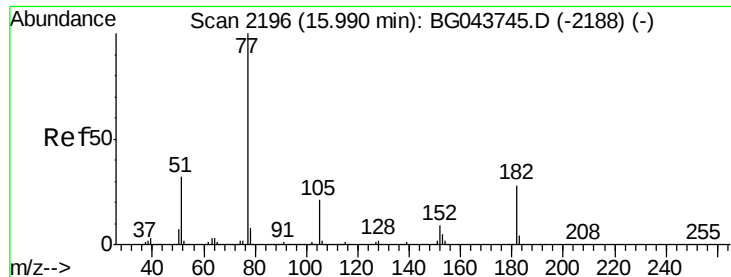
#62
4-Nitroaniline
Concen: 49.363 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG043783.D
Acq: 26 Nov 2019 18:32

Tgt Ion:138 Resp: 228225
Ion Ratio Lower Upper
138 100
92 50.8 34.6 74.6
108 75.1 65.7 105.7



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: 44.541 ng

RT: 15.98 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 779255

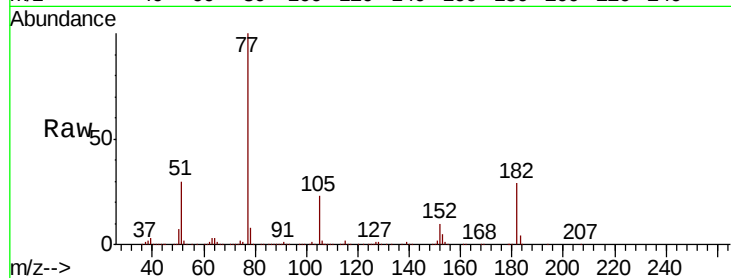
Ion	Ratio	Lower	Upper
77	100		
182	29.2	7.6	47.6
105	22.8	0.7	40.7
51	30.1	12.1	52.1

77 100

182 29.2 7.6 47.6

105 22.8 0.7 40.7

51 30.1 12.1 52.1

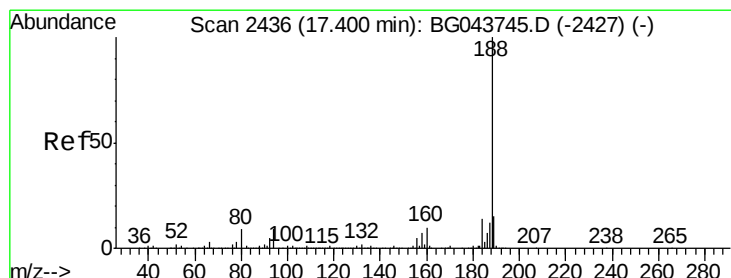
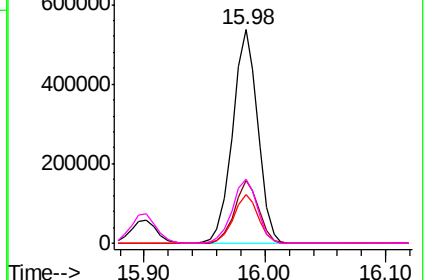
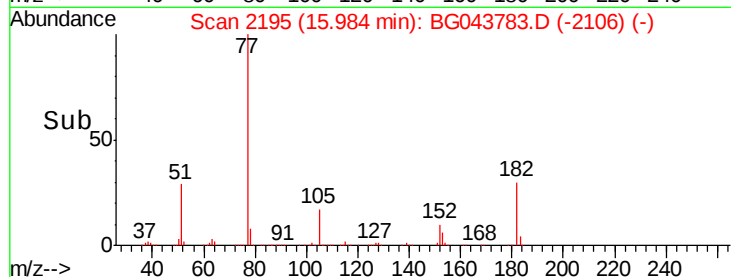


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

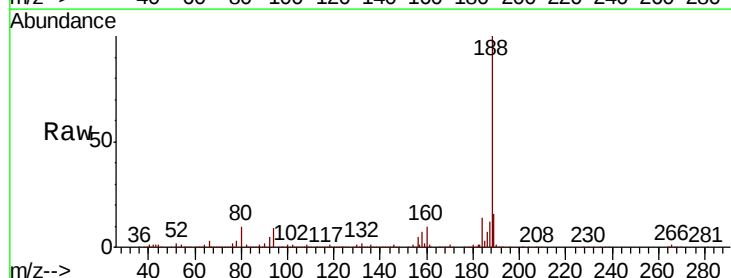
Tgt Ion: 188 Resp: 666023

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.9	10.3
80	9.7	7.5	11.3

188 100

94 8.9 6.9 10.3

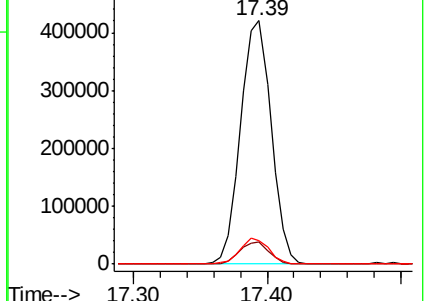
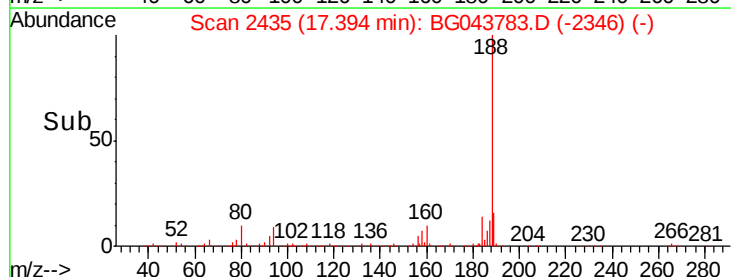
80 9.7 7.5 11.3

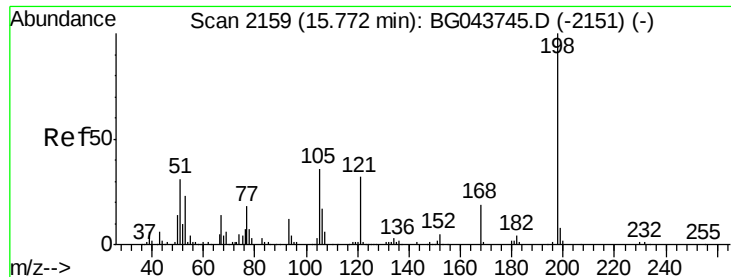


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 35.850 ng

RT: 15.76 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

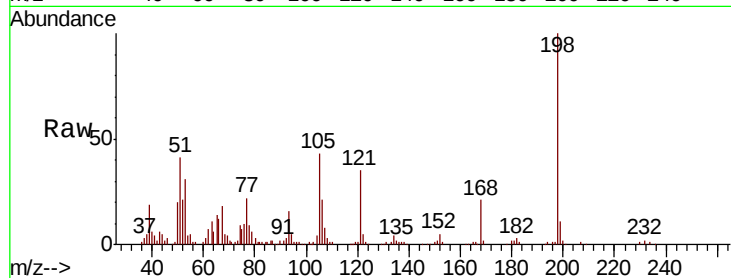
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 80726

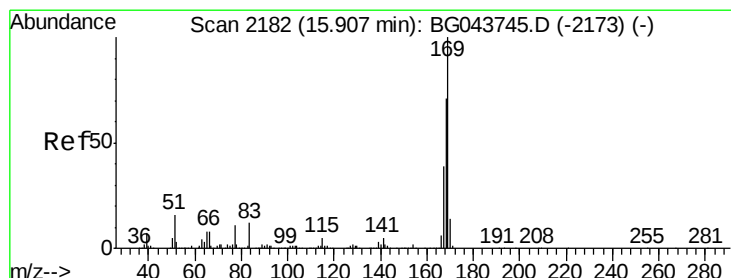
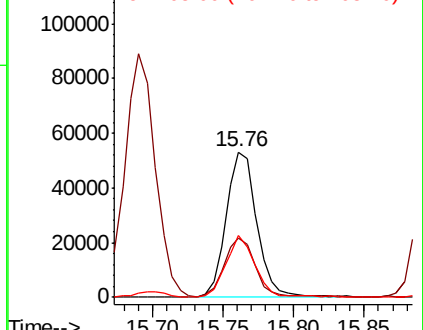
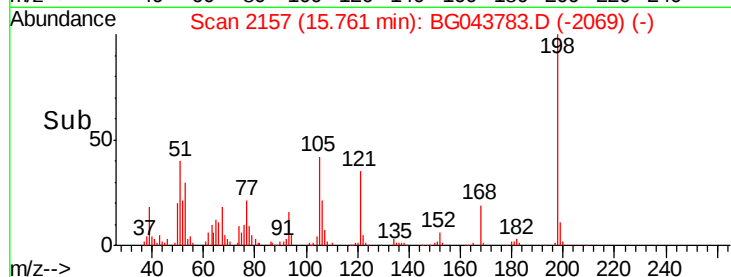
Ion	Ratio	Lower	Upper
198	100		
51	40.6	16.8	56.8
105	42.5	17.3	57.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG043783.D (-2069) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.289 ng

RT: 15.90 min Scan# 2181

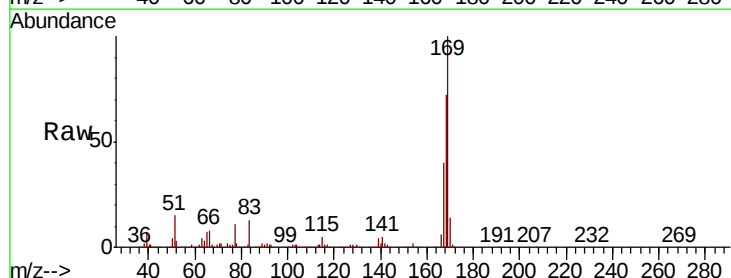
Delta R.T. -0.01 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

Tgt Ion:169 Resp: 745725

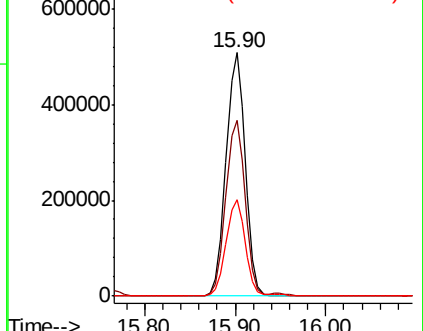
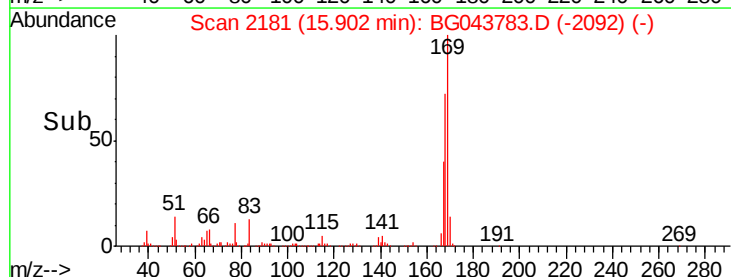
Ion	Ratio	Lower	Upper
169	100		
168	72.3	56.6	85.0
167	39.6	30.8	46.2

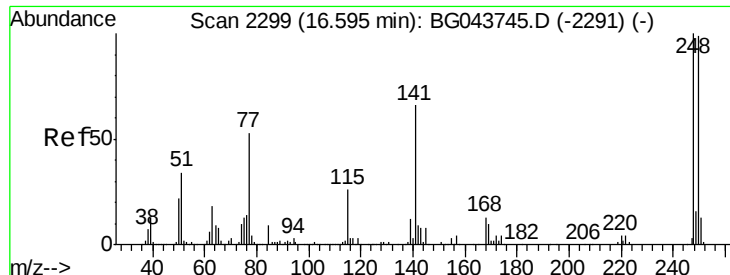


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

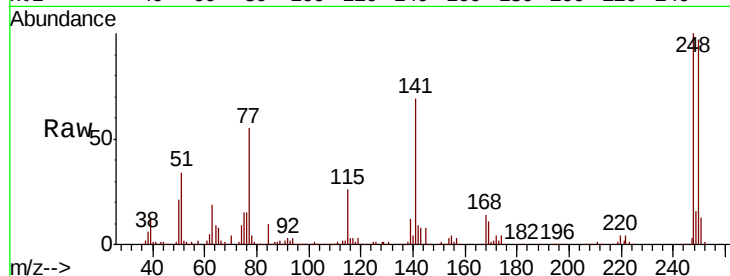




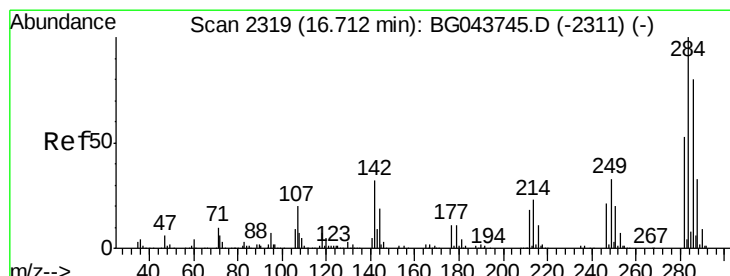
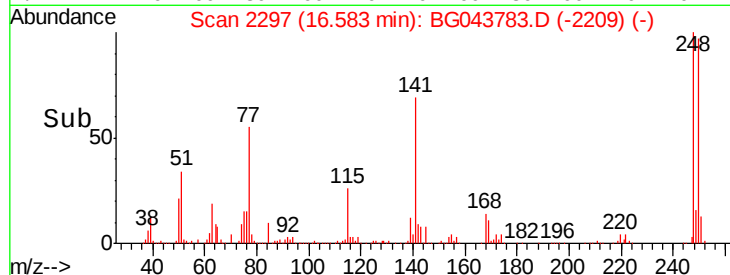
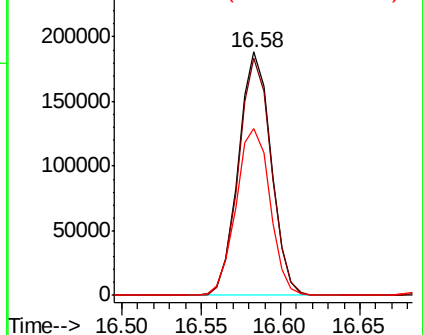
#67
 4-Bromophenyl-phenylether
 Concen: 38.374 ng
 RT: 16.58 min Scan# 2297
 Delta R.T. -0.01 min
 Lab File: BG043783.D
 Acq: 26 Nov 2019 18:32

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 269525
 Ion Ratio Lower Upper
 248 100
 250 97.4 79.3 118.9
 141 68.6 53.0 79.6

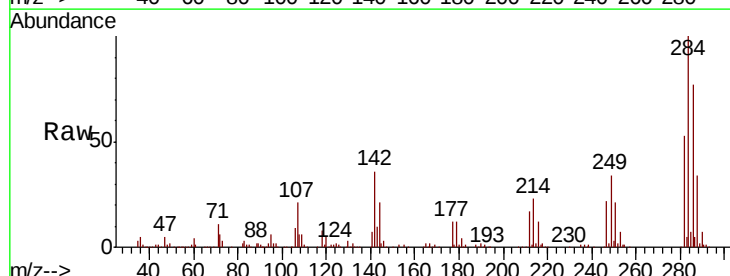


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

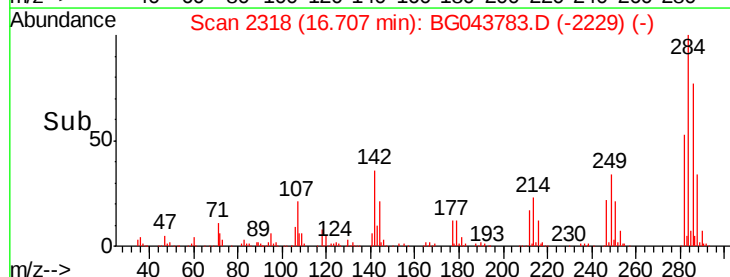
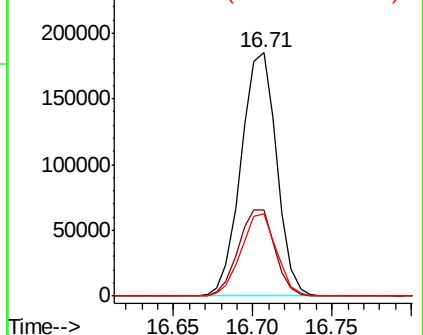


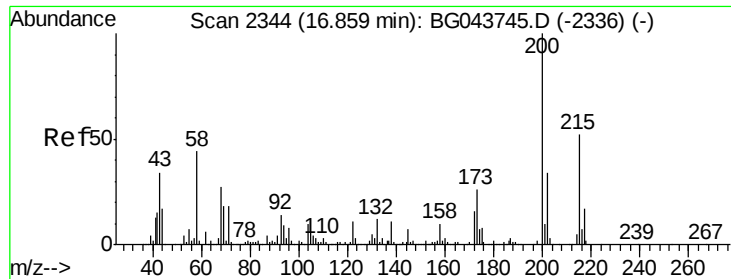
#68
 Hexachlorobenzene
 Concen: 37.467 ng
 RT: 16.71 min Scan# 2318
 Delta R.T. -0.01 min
 Lab File: BG043783.D
 Acq: 26 Nov 2019 18:32

Tgt Ion:284 Resp: 287684
 Ion Ratio Lower Upper
 284 100
 142 35.6 25.4 38.0
 249 33.7 26.2 39.4



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

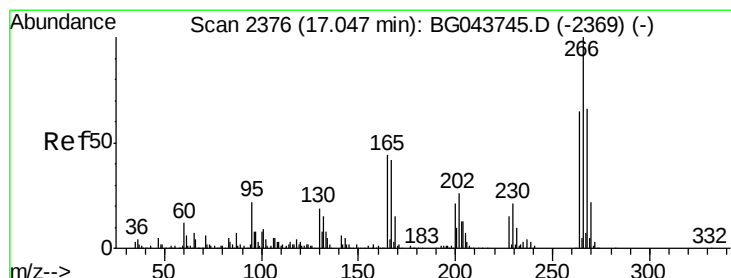
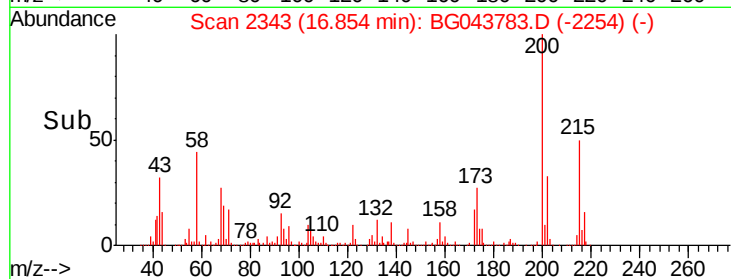
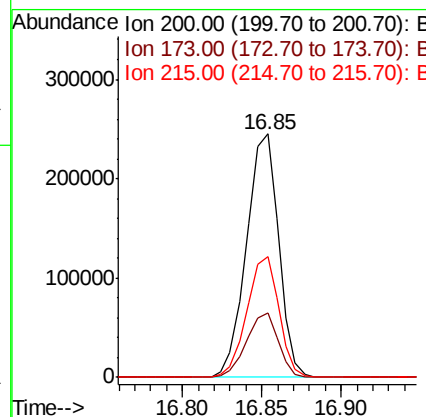
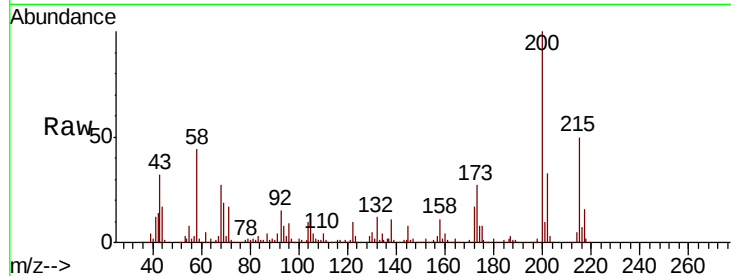




#69
 Atrazine
 Concen: 48.891 ng
 RT: 16.85 min Scan# 2343
 Delta R.T. -0.01 min
 Lab File: BG043783.D
 Acq: 26 Nov 2019 18:32

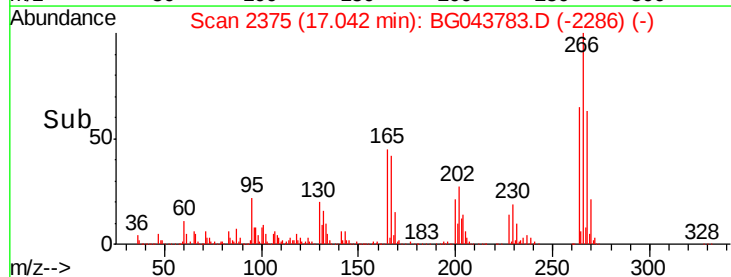
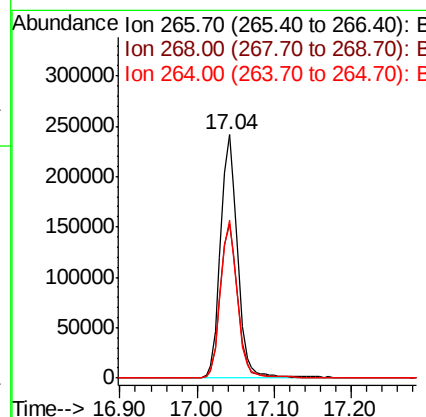
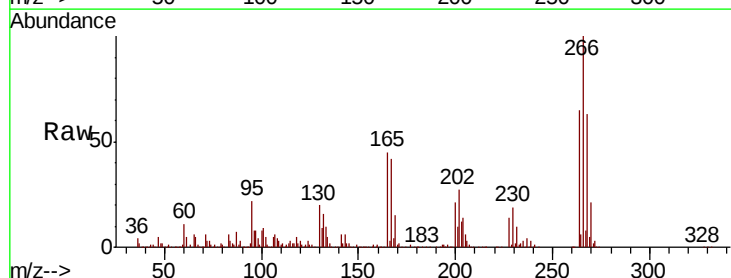
Instrument :
 BNA_G
 ClientSampleId :

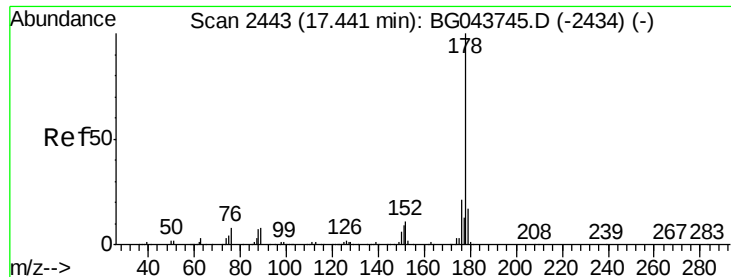
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.5	6.0	46.0
215	49.5	32.4	72.4



#70
 Pentachlorophenol
 Concen: 78.797 ng
 RT: 17.04 min Scan# 2375
 Delta R.T. -0.01 min
 Lab File: BG043783.D
 Acq: 26 Nov 2019 18:32

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	52.9	79.3
264	65.0	51.6	77.4

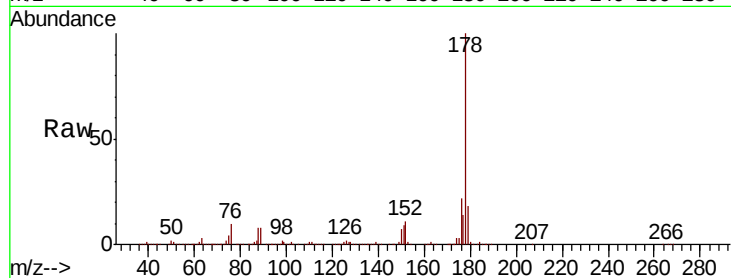




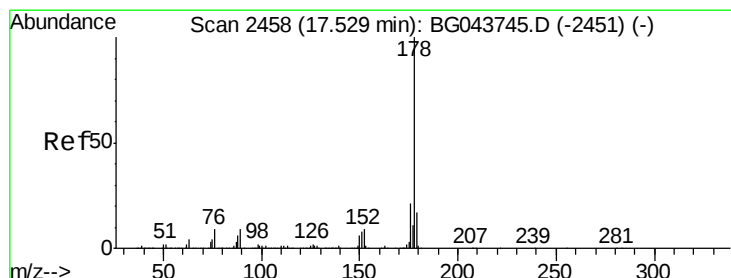
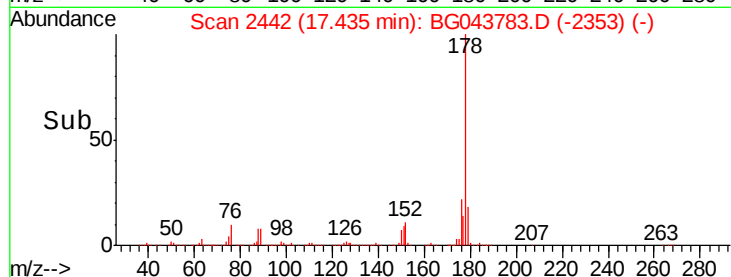
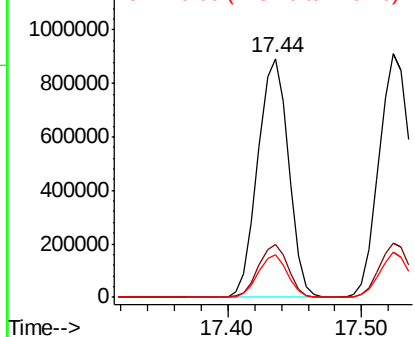
#71
Phenanthrene
Concen: 43.170 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG043783.D
Acq: 26 Nov 2019 18:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 1422698
Ion Ratio Lower Upper
178 100
176 22.1 16.9 25.3
179 17.6 13.5 20.3

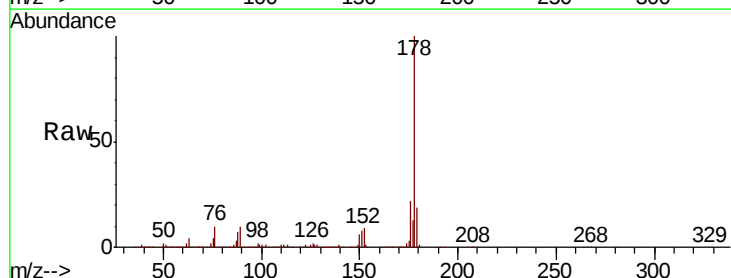


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

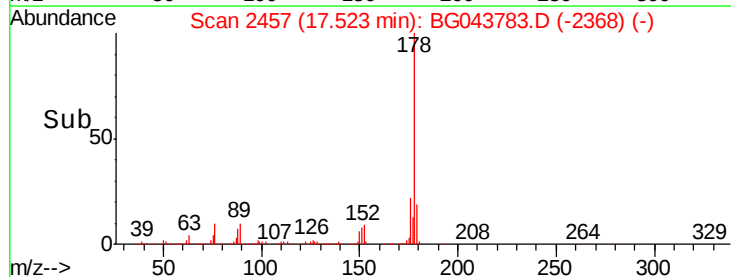
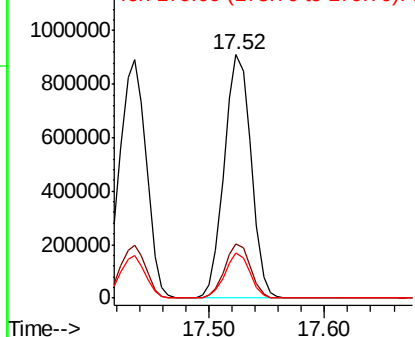


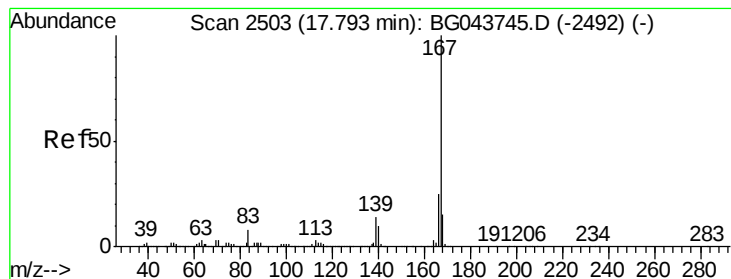
#72
Anthracene
Concen: 44.011 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG043783.D
Acq: 26 Nov 2019 18:32

Tgt Ion:178 Resp: 1465158
Ion Ratio Lower Upper
178 100
176 22.3 16.5 24.7
179 18.6 13.4 20.2



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





#73

Carbazole

Concen: 47.251 ng

RT: 17.79 min Scan# 2502

Delta R.T. -0.01 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

Instrument :

BNA_G

ClientSampleId :

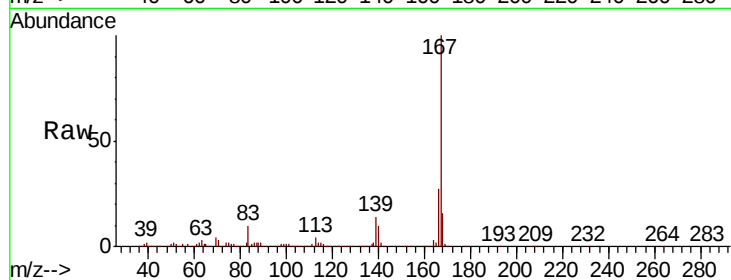
Tot Ion:167 Resp: 1510974

Ion Ratio Lower Upper

167 100

166 26.6 19.8 29.6

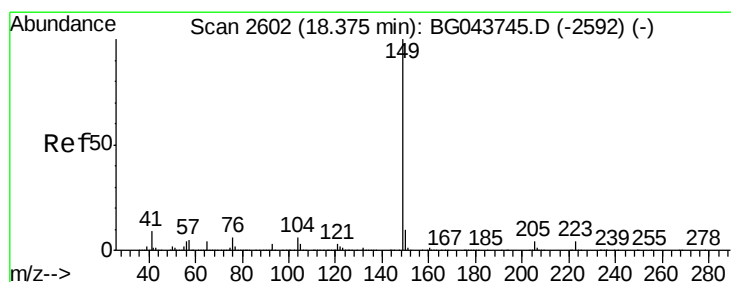
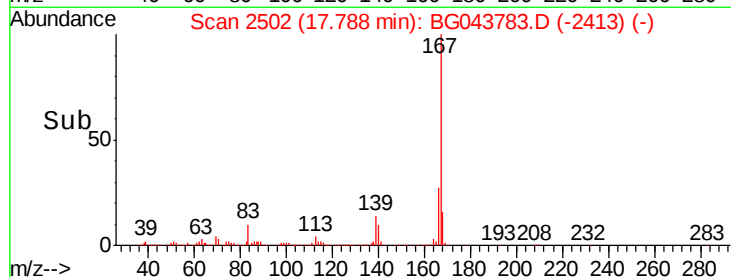
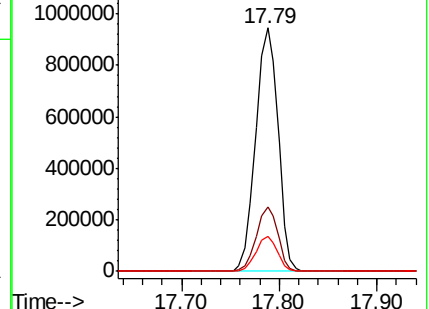
139 14.5 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.184 ng

RT: 18.36 min Scan# 2600

Delta R.T. -0.01 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

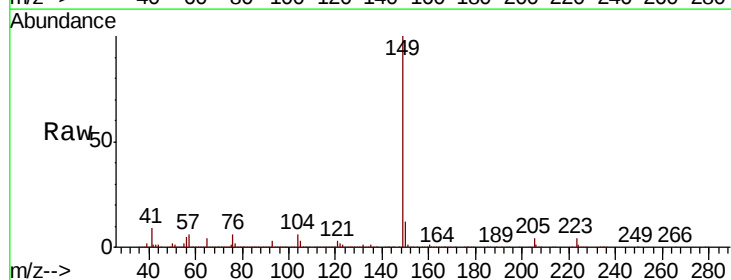
Tgt Ion:149 Resp: 1696338

Ion Ratio Lower Upper

149 100

150 12.0 8.4 12.6

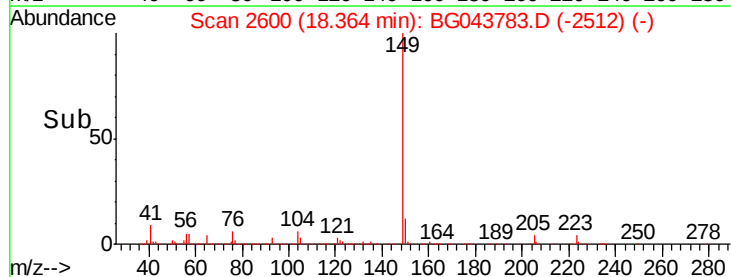
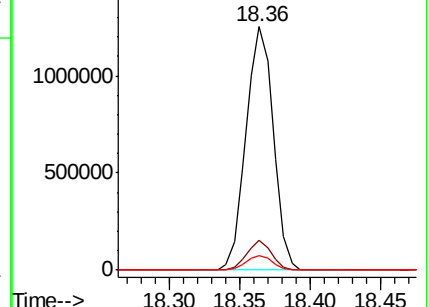
104 6.2 4.6 7.0

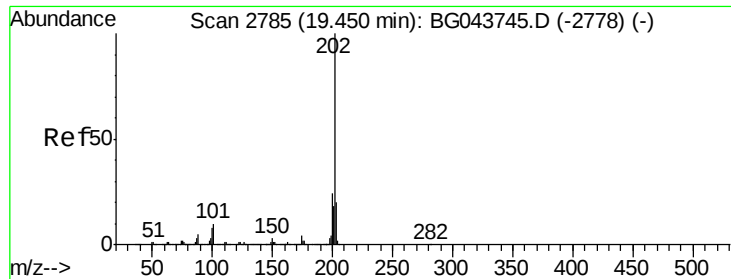


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.297 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.01 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

Instrument :

BNA_G

ClientSampleId :

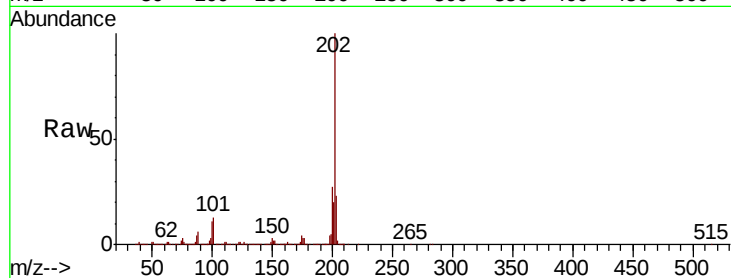
Tot Ion:202 Resp: 1999514

Ion Ratio Lower Upper

202 100

101 13.2 0.0 30.1

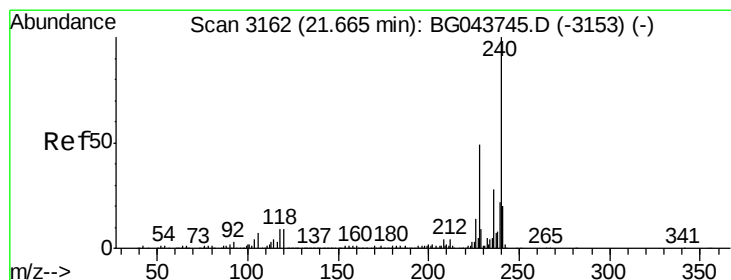
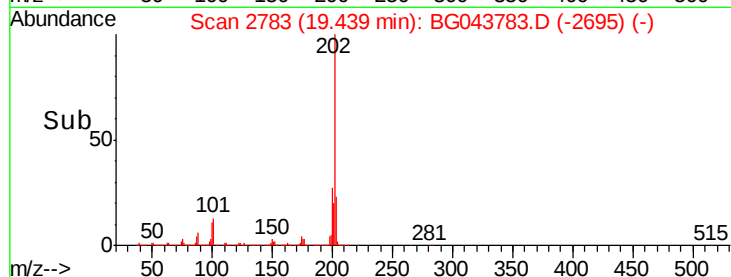
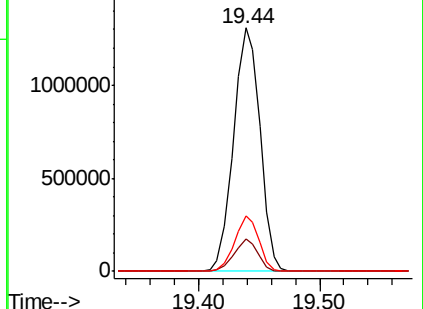
203 22.7 0.0 39.7



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: 21.65 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

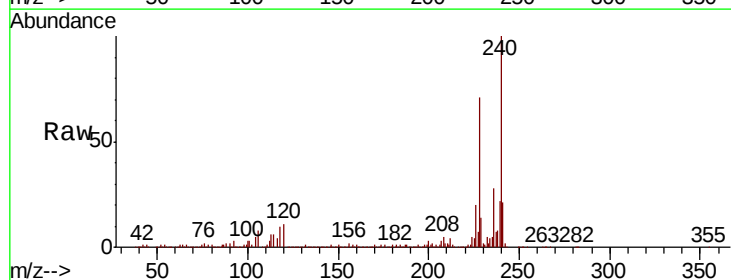
Tgt Ion:240 Resp: 820609

Ion Ratio Lower Upper

240 100

120 11.4 7.5 11.3#

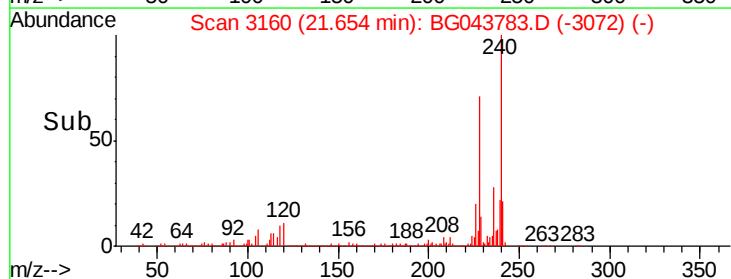
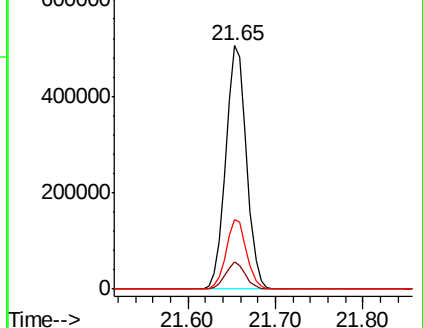
236 28.3 22.6 34.0

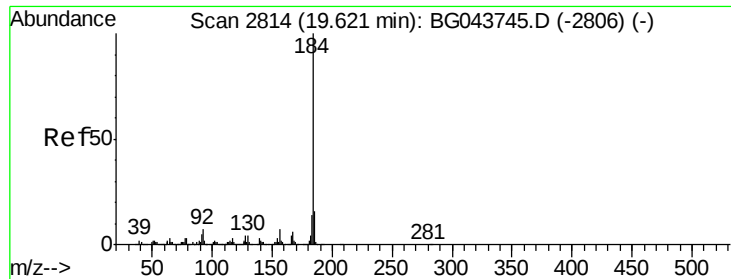


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 28.320 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

Instrument :

BNA_G

ClientSampleId :

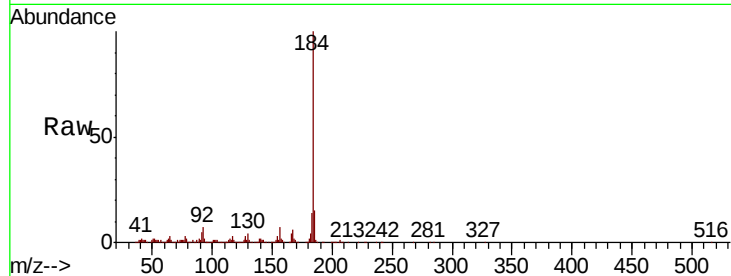
Tot Ion:184 Resp: 678858

Ion Ratio Lower Upper

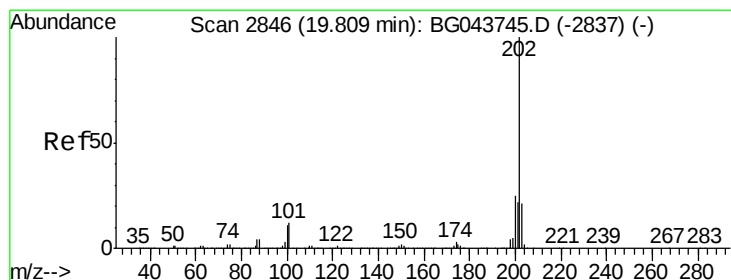
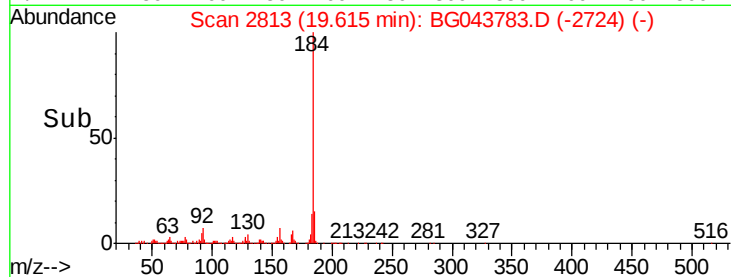
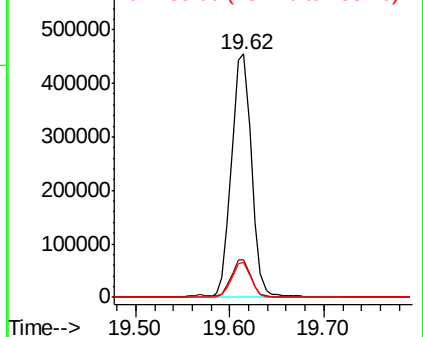
184 100

185 15.4 12.8 19.2

183 14.1 11.3 16.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.109 ng

RT: 19.80 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

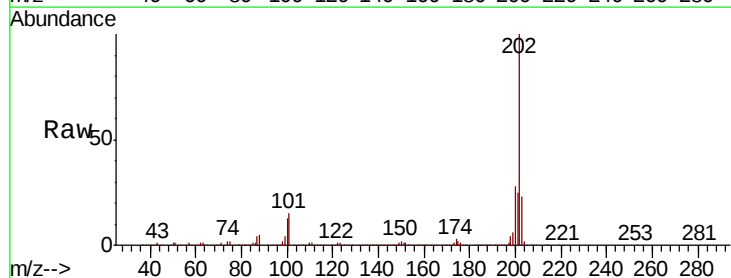
Tgt Ion:202 Resp: 2071259

Ion Ratio Lower Upper

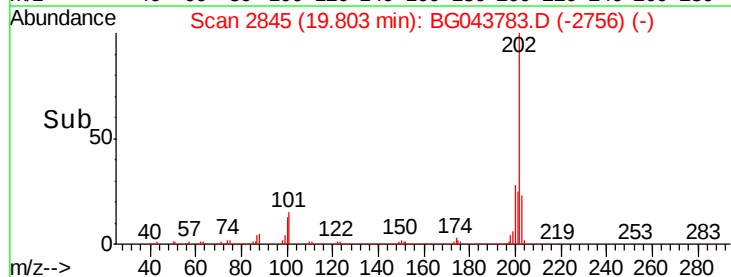
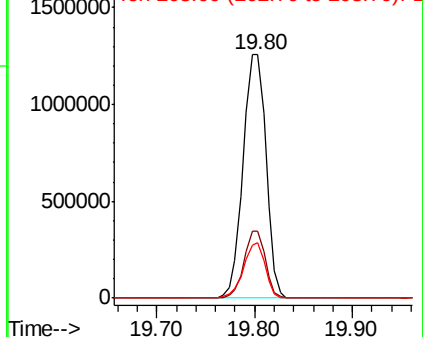
202 100

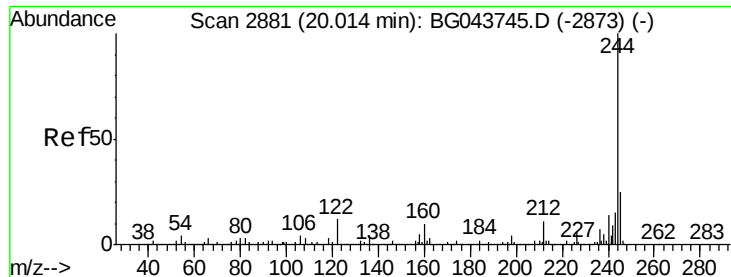
200 27.6 19.8 29.6

203 22.6 16.6 24.8



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: 73.554 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

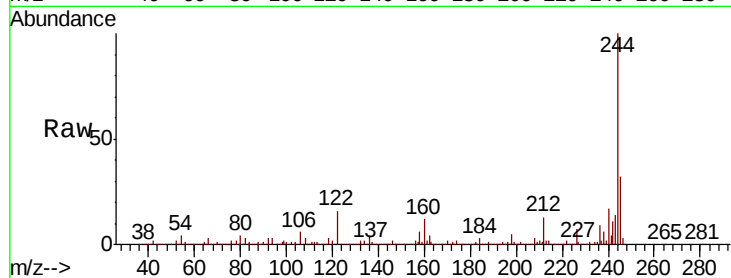
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 2671197

Ion	Ratio	Lower	Upper
244	100		
212	12.7	8.5	12.7
122	15.8	9.5	14.3

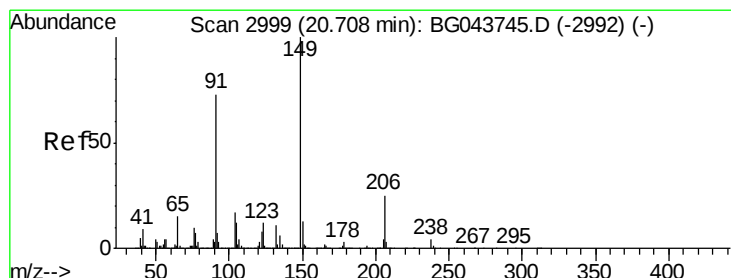
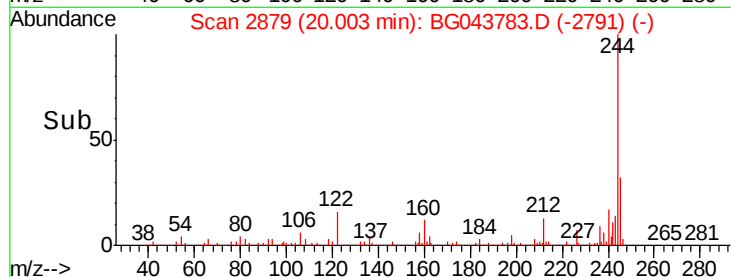
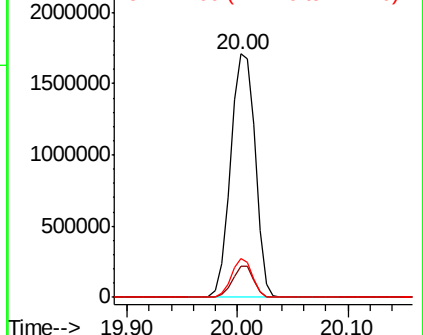


Abundance

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: 44.370 ng

RT: 20.70 min Scan# 2997

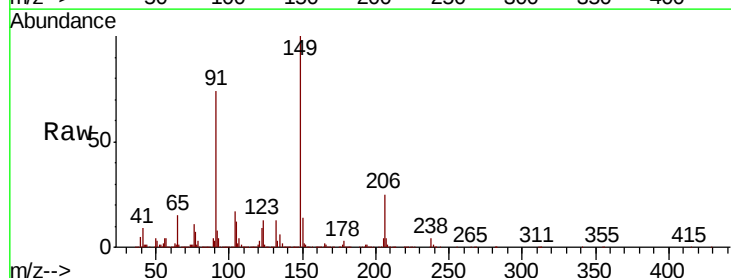
Delta R.T. -0.01 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

Tgt Ion:149 Resp: 1070485

Ion	Ratio	Lower	Upper
149	100		
91	73.7	58.8	88.2
206	25.0	19.8	29.6

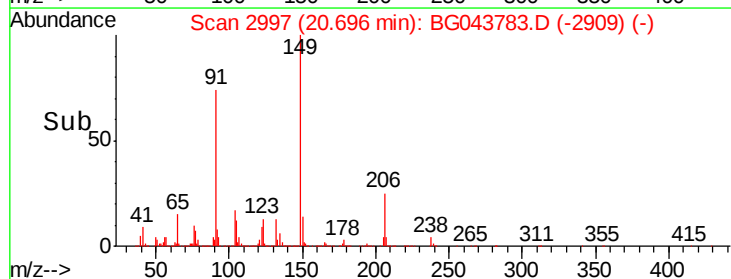
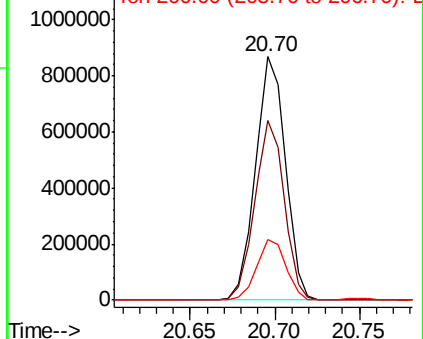


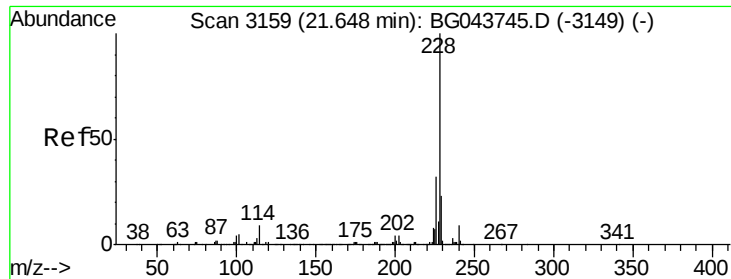
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

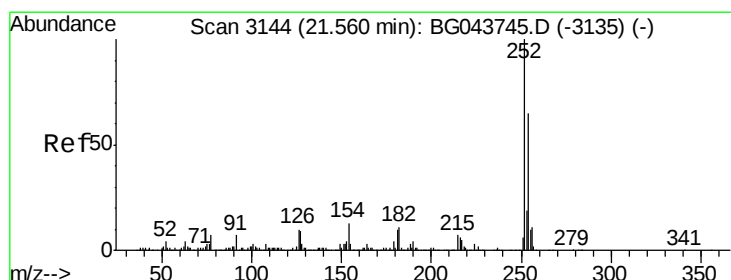
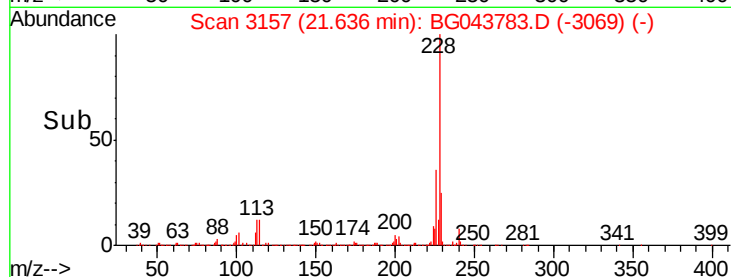
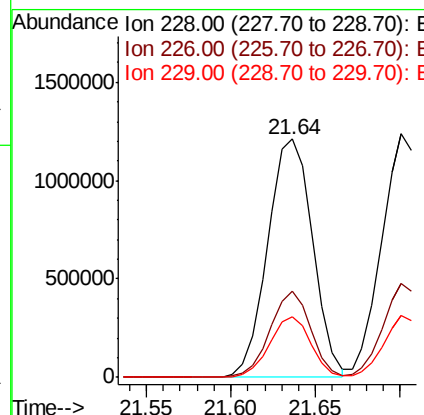
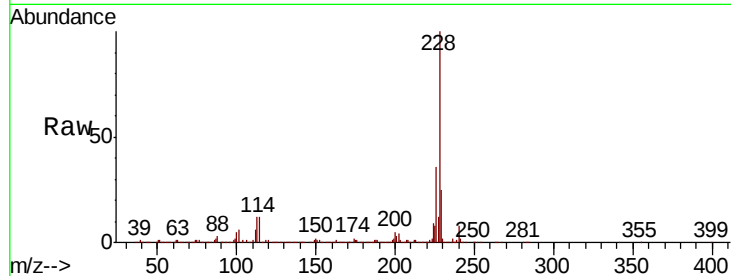




#81
Benzo(a)anthracene
Concen: 40.817 ng
RT: 21.64 min Scan# 3157
Delta R.T. -0.01 min
Lab File: BG043783.D
Acq: 26 Nov 2019 18:32

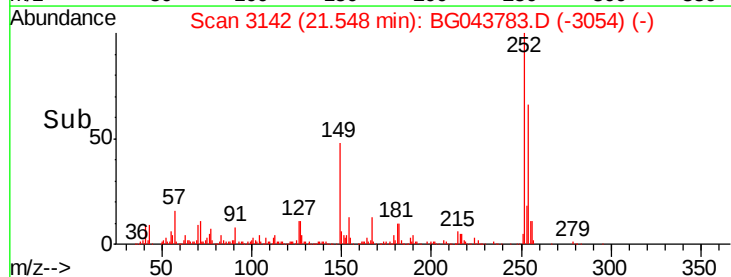
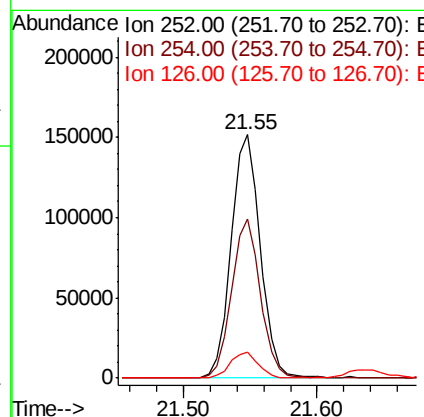
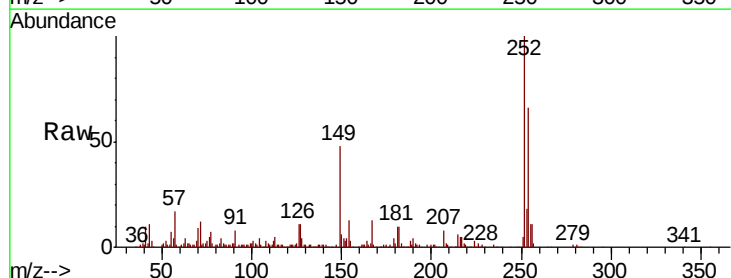
Instrument :
BNA_G
ClientSampleId :

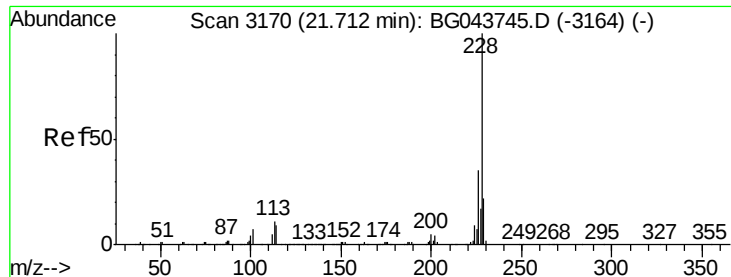
Tot Ion:228 Resp: 2239227
Ion Ratio Lower Upper
228 100
226 36.1 25.4 38.2
229 25.5 18.1 27.1



#82
3,3'-Dichlorobenzidine
Concen: 11.287 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG043783.D
Acq: 26 Nov 2019 18:32

Tgt Ion:252 Resp: 232195
Ion Ratio Lower Upper
252 100
254 65.5 52.1 78.1
126 10.7 7.8 11.6





#83

Chrysene

Concen: 40.870 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

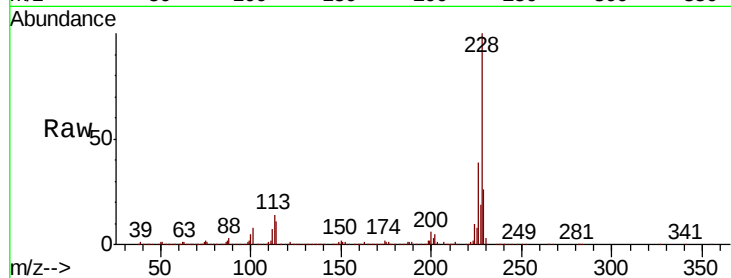
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 2121611

Ion	Ratio	Lower	Upper
228	100		
226	38.6	27.8	41.8
229	25.6	17.9	26.9

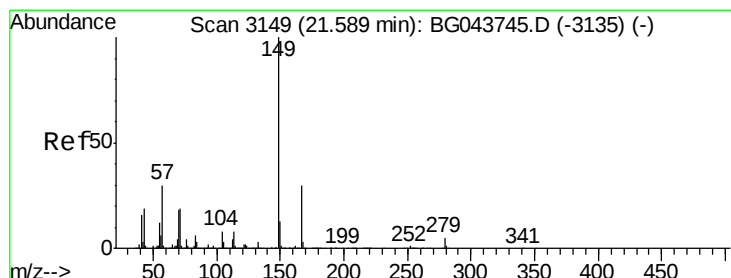
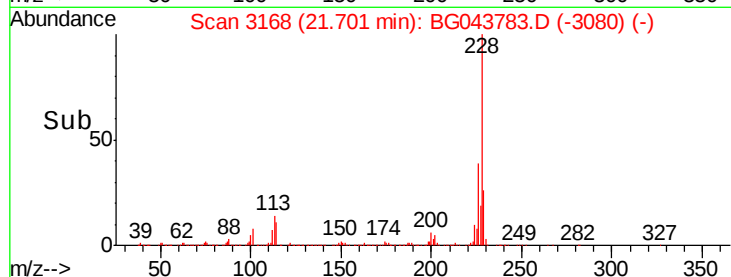
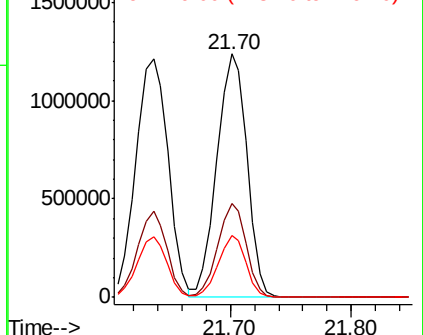


Abundance

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: 44.653 ng

RT: 21.57 min Scan# 3146

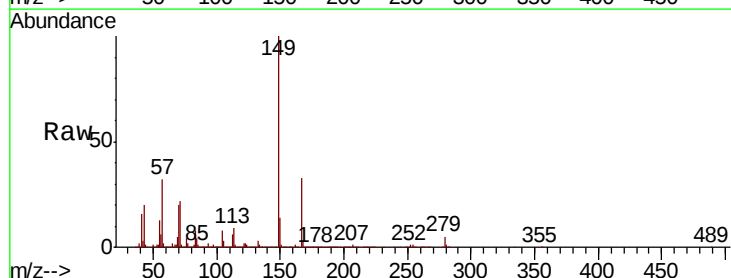
Delta R.T. -0.02 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

Tgt Ion:149 Resp: 1515790

Ion	Ratio	Lower	Upper
149	100		
167	33.5	23.8	35.6
279	5.3	4.0	6.0

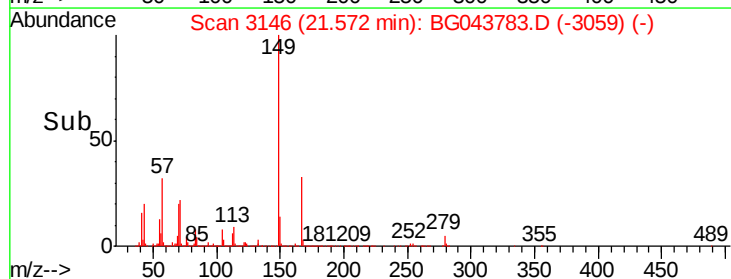
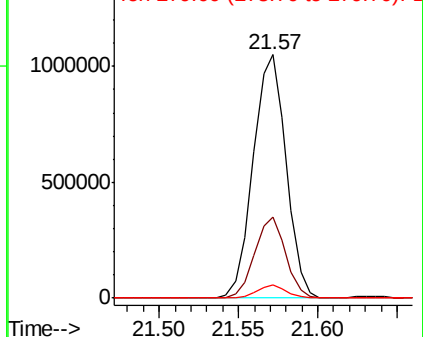


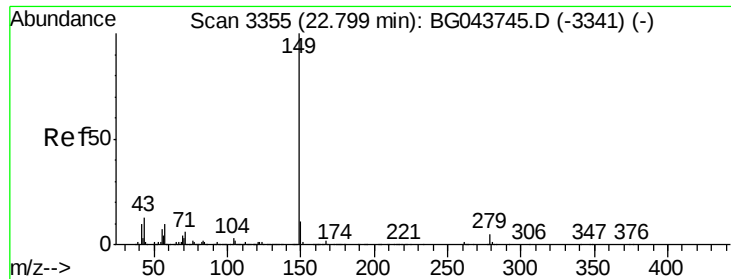
Abundance

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

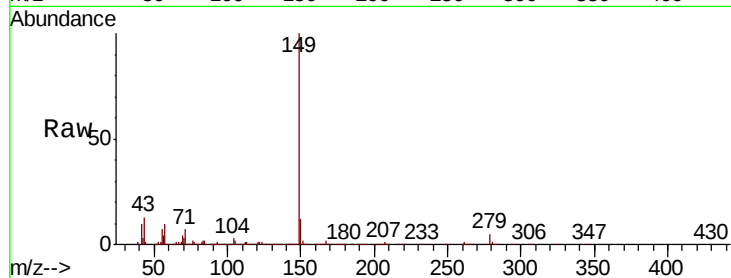




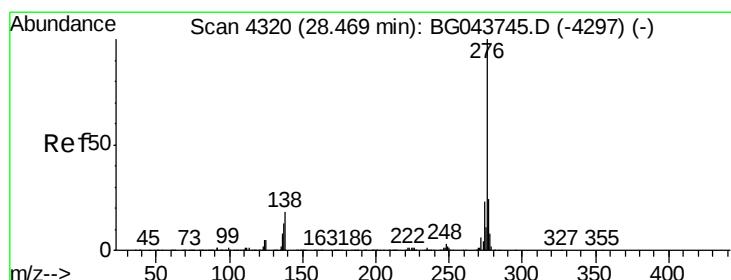
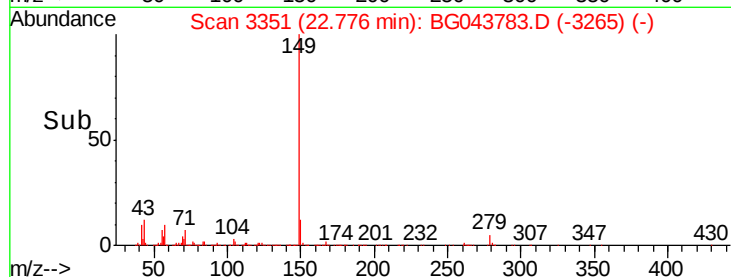
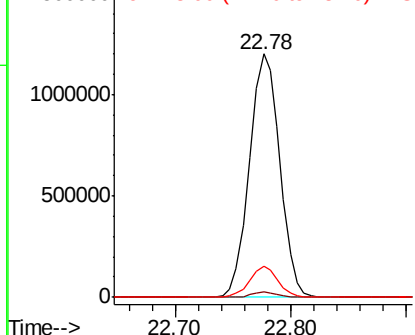
#85
Di-n-octyl phthalate
Concen: 39.879 ng
RT: 22.78 min Scan# 3351
Delta R.T. -0.02 min
Lab File: BG043783.D
Acq: 26 Nov 2019 18:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 2195757
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.0
43 11.7 9.8 14.6

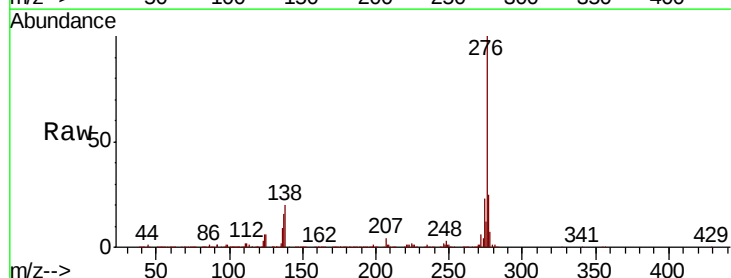


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

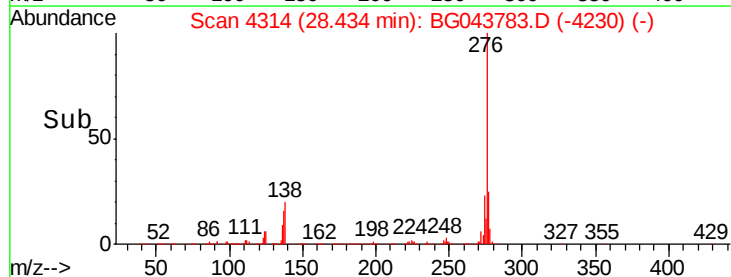
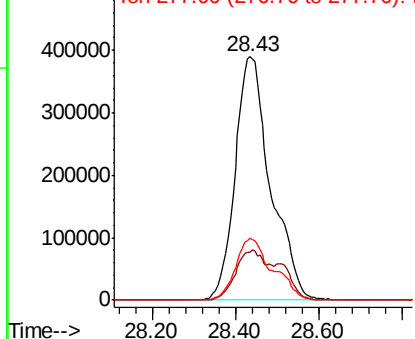


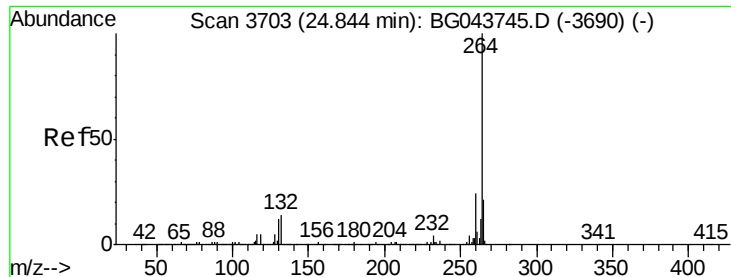
#86
Indeno(1,2,3-cd)pyrene
Concen: 38.193 ng
RT: 28.43 min Scan# 4314
Delta R.T. -0.04 min
Lab File: BG043783.D
Acq: 26 Nov 2019 18:32

Tgt Ion:276 Resp: 2306283
Ion Ratio Lower Upper
276 100
138 18.9 14.5 21.7
277 26.5 21.1 31.7



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



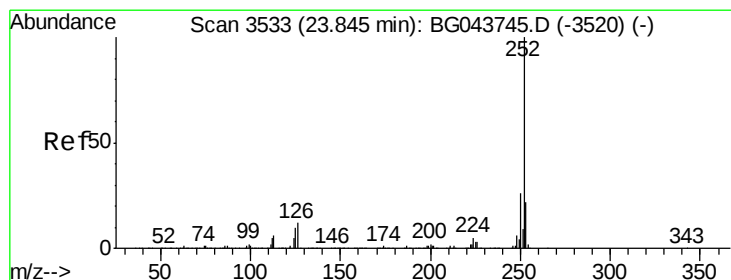
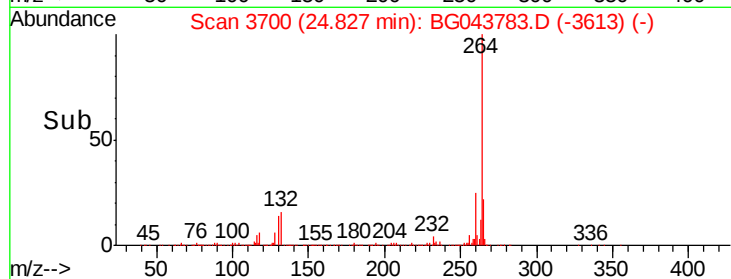
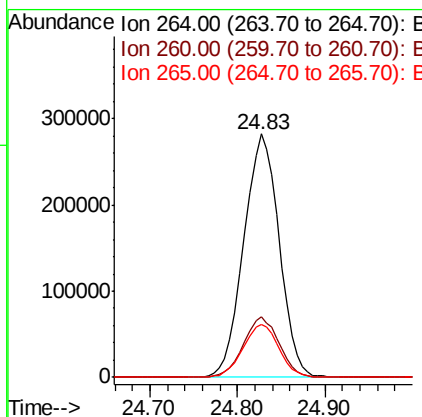
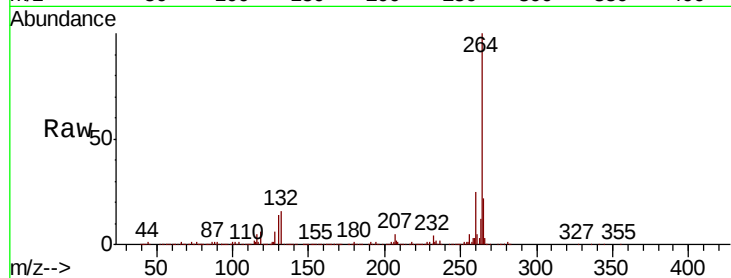


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.83 min Scan# 3700
Delta R.T. -0.02 min
Lab File: BG043783.D
Acq: 26 Nov 2019 18:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 777757

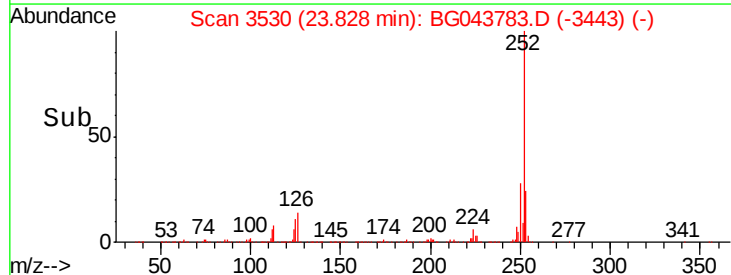
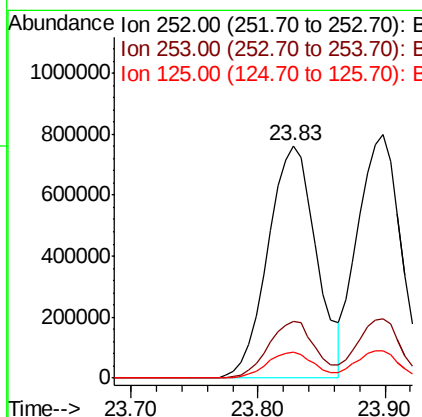
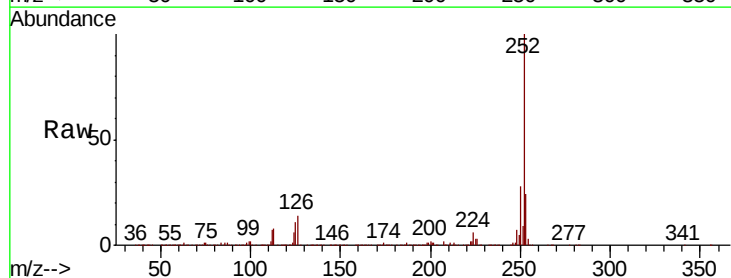
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	21.7	17.0	25.6

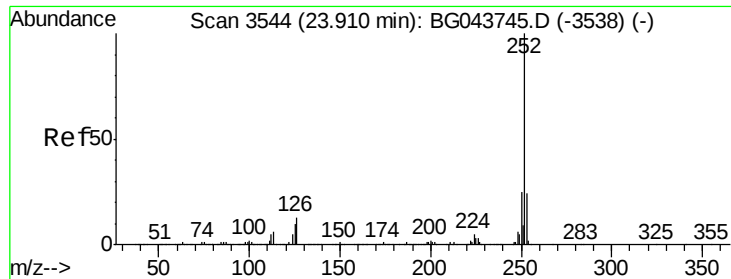


#88
Benzo(b)fluoranthene
Concen: 43.500 ng
RT: 23.83 min Scan# 3530
Delta R.T. -0.02 min
Lab File: BG043783.D
Acq: 26 Nov 2019 18:32

Tgt Ion:252 Resp: 2020013

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.7	26.5
125	11.1	8.0	12.0

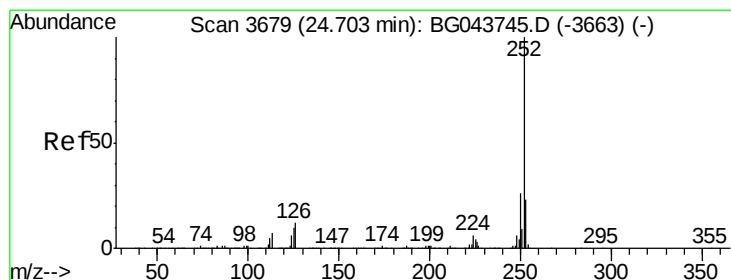
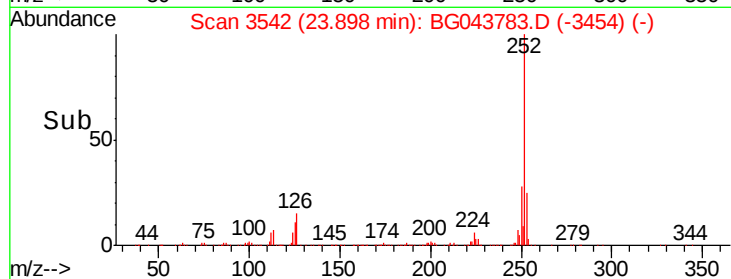
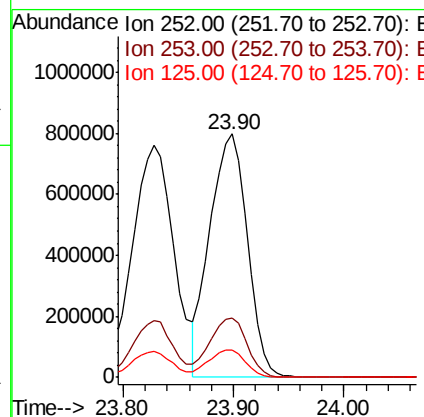
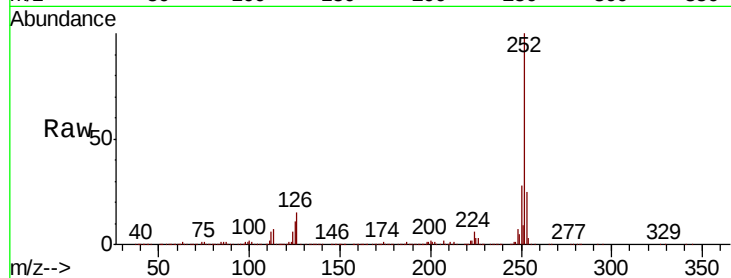




#89
Benzo(k)fluoranthene
Concen: 41.948 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG043783.D
Acq: 26 Nov 2019 18:32

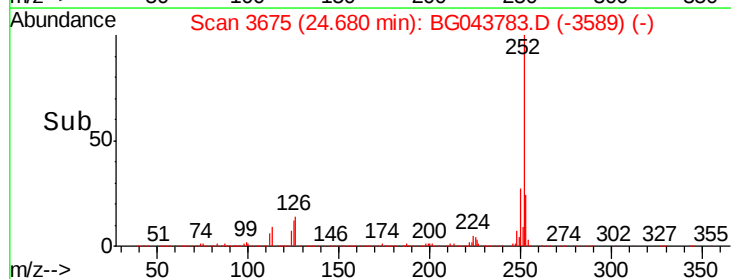
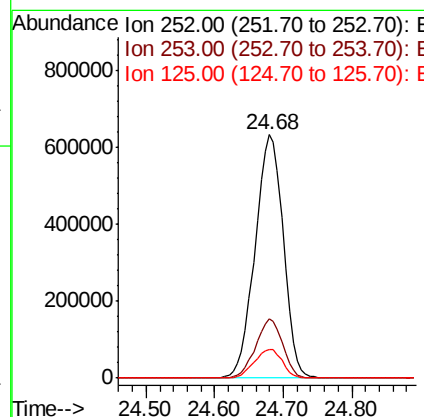
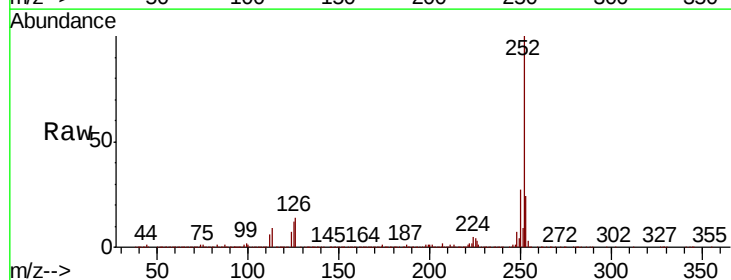
Instrument :
BNA_G
ClientSampled :

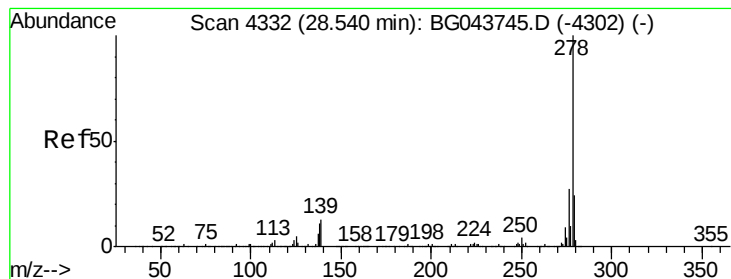
Tot Ion:252 Resp: 1869474
Ion Ratio Lower Upper
252 100
253 24.6 18.8 28.2
125 11.1 7.7 11.5



#90
Benzo(a)pyrene
Concen: 41.359 ng
RT: 24.68 min Scan# 3675
Delta R.T. -0.02 min
Lab File: BG043783.D
Acq: 26 Nov 2019 18:32

Tgt Ion:252 Resp: 1805964
Ion Ratio Lower Upper
252 100
253 24.2 18.2 27.4
125 11.6 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 44.297 ng

RT: 28.51 min Scan# 4327

Delta R.T. -0.03 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

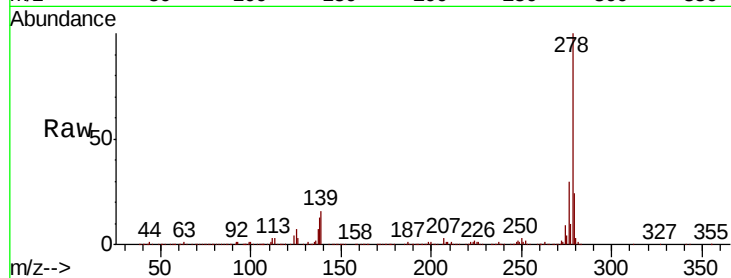
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1876178

Ion	Ratio	Lower	Upper
278	100		
139	16.3	10.4	15.6#
279	24.2	19.3	28.9

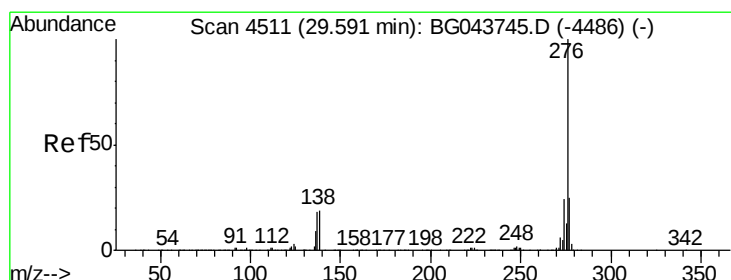
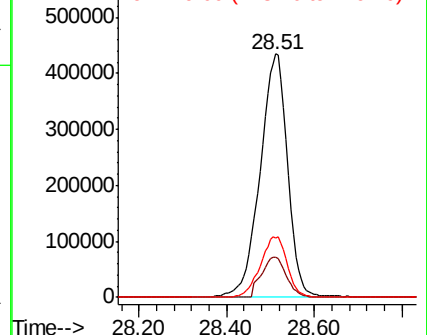
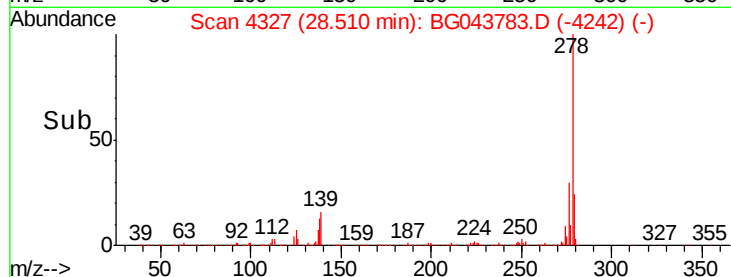


Abundance

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: 45.870 ng

RT: 29.56 min Scan# 4506

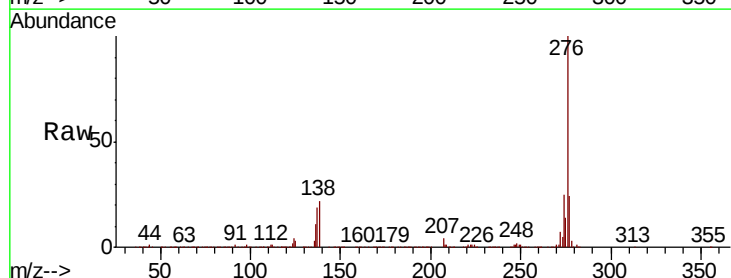
Delta R.T. -0.03 min

Lab File: BG043783.D

Acq: 26 Nov 2019 18:32

Tgt Ion:276 Resp: 1915904

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.7	29.5
138	22.0	14.9	22.3



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

