

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112019\
 Data File : BG043735.D
 Acq On : 20 Nov 2019 19:47
 Operator : JU
 Sample : K5916-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 21 00:36:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 19 15:23:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	30189	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	118123	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	84257	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	199472	20.00	ng	0.00
76) Chrysene-d12	21.63	240	214081	20.00	ng	0.00
87) Perylene-d12	24.80	264	229748	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	243587	147.86	ng	0.00
7) Phenol-d6	7.19	99	341498	144.07	ng	0.00
23) Nitrobenzene-d5	9.16	82	206932	90.32	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	201402	125.61	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	547717	89.82	ng	0.00
79) Terphenyl-d14	19.98	244	1068951	93.68	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.47	88	24523	38.198	ng	# 47
3) Pyridine	3.87	79	66376	40.986	ng	99
4) n-Nitrosodimethylamine	3.78	42	44464	54.410	ng	98
6) Aniline	7.33	93	18852	6.904	ng	95
8) 2-Chlorophenol	7.56	128	91181	50.138	ng	99
9) Benzaldehyde	7.13	77	13717	11.776	ng	87
10) Phenol	7.21	94	111534	51.493	ng	97
11) bis(2-Chloroethyl)ether	7.41	93	74739	44.631	ng	91
12) 1,3-Dichlorobenzene	7.88	146	99488	43.662	ng	99
13) 1,4-Dichlorobenzene	8.02	146	99851	43.313	ng	96
14) 1,2-Dichlorobenzene	8.35	146	97719	43.413	ng	97
15) Benzyl Alcohol	8.24	79	66410	39.894	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.51	45	107003	43.943	ng	99
17) 2-Methylphenol	8.46	107	79514	50.357	ng	95
18) Hexachloroethane	9.07	117	34996	42.075	ng	90
19) n-Nitroso-di-n-propylamine	8.79	70	67283	43.928	ng	# 95
20) 3+4-Methylphenols	8.79	107	106847	49.347	ng	96
22) Acetophenone	8.82	105	136071	44.982	ng	# 98
24) Nitrobenzene	9.20	77	106326	48.714	ng	98
25) Isophorone	9.72	82	192324	45.912	ng	99
26) 2-Nitrophenol	9.91	139	53668	50.931	ng	97
27) 2,4-Dimethylphenol	9.98	122	87081	57.658	ng	98
28) bis(2-Chloroethoxy)methane	10.20	93	103241	44.655	ng	98
29) 2,4-Dichlorophenol	10.47	162	95829	49.521	ng	97
30) 1,2,4-Trichlorobenzene	10.66	180	109056	44.714	ng	99
31) Naphthalene	10.84	128	279193	46.564	ng	98
32) Benzoic acid	10.18	122	46862	42.024	ng	95
33) 4-Chloroaniline	10.99	127	5083	2.068	ng	# 87
34) Hexachlorobutadiene	11.13	225	76264	42.300	ng	99
35) Caprolactam	11.74	113	19266	28.908	ng	# 83
36) 4-Chloro-3-methylphenol	12.11	107	105801	50.124	ng	90
37) 2-Methylnaphthalene	12.45	142	215096	46.755	ng	99
38) 1-Methylnaphthalene	12.66	142	206250	47.118	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	139079	44.602	ng	99

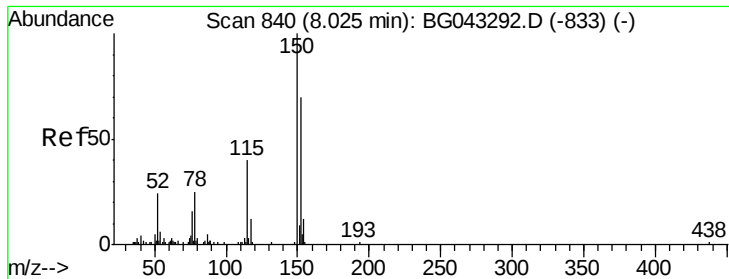
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112019\
 Data File : BG043735.D
 Acq On : 20 Nov 2019 19:47
 Operator : JU
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	150767	92.042	ng	98
43) 2,4,6-Trichlorophenol	13.06	196	89625	48.806	ng	95
44) 2,4,5-Trichlorophenol	13.16	196	97181	52.346	ng	98
46) 1,1'-Biphenyl	13.45	154	289183	45.116	ng	99
47) 2-Chloronaphthalene	13.50	162	222728	45.669	ng	96
48) 2-Nitroaniline	13.71	65	64971	44.573	ng	95
49) Acenaphthylene	14.34	152	362433	47.749	ng	99
50) Dimethylphthalate	14.07	163	302675	46.378	ng	99
51) 2,6-Dinitrotoluene	14.20	165	66812	47.123	ng	95
52) Acenaphthene	14.69	154	217474	46.982	ng	96
53) 3-Nitroaniline	14.54	138	9576	6.995	ng	# 93
54) 2,4-Dinitrophenol	14.74	184	76664	85.991	ng	94
55) Dibenzofuran	15.02	168	357120	47.575	ng	98
56) 4-Nitrophenol	14.88	139	84896	92.547	ng	88
57) 2,4-Dinitrotoluene	14.99	165	95488	47.126	ng	97
58) Fluorene	15.67	166	293939	46.688	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.26	232	97777	49.571	ng	98
60) Diethylphthalate	15.43	149	293695	44.788	ng	99
61) 4-Chlorophenyl-phenylether	15.66	204	170464	46.412	ng	98
62) 4-Nitroaniline	15.70	138	45418	32.127	ng	97
63) Azobenzene	15.95	77	246948	46.531	ng	97
65) 4,6-Dinitro-2-methylphenol	15.76	198	60558	51.587	ng	98
66) n-Nitrosodiphenylamine	15.88	169	196283	34.854	ng	97
67) 4-Bromophenyl-phenylether	16.55	248	119266	44.429	ng	99
68) Hexachlorobenzene	16.68	284	132898	43.129	ng	95
69) Atrazine	16.82	200	65876	33.664	ng	95
70) Pentachlorophenol	17.03	266	136182	96.990	ng	97
71) Phenanthrene	17.41	178	471895	46.199	ng	97
72) Anthracene	17.50	178	491289	48.073	ng	99
73) Carbazole	17.78	167	339804	36.717	ng	99
74) Di-n-butylphthalate	18.32	149	507260	45.173	ng	99
75) Fluoranthene	19.42	202	622338	46.734	ng	99
78) Pyrene	19.78	202	634755	47.901	ng	99
80) Butylbenzylphthalate	20.66	149	235188	46.846	ng	98
81) Benzo(a)anthracene	21.61	228	646154	48.185	ng	98
82) 3,3'-Dichlorobenzidine	21.54	252	14038	2.707	ng	# 96
83) Chrysene	21.68	228	632940	47.505	ng	98
84) Bis(2-ethylhexyl)phthalate	21.51	149	339149	47.556	ng	98
85) Di-n-octyl phthalate	22.70	149	591453	48.884	ng	98
86) Indeno(1,2,3-cd)pyrene	28.43	276	775537	46.371	ng	100
88) Benzo(b)fluoranthene	23.80	252	677104	52.036	ng	98
89) Benzo(k)fluoranthene	23.87	252	685302	52.315	ng	98
90) Benzo(a)pyrene	24.66	252	610485	49.131	ng	100
91) Dibenzo(a,h)anthracene	28.49	278	672825	52.938	ng	98
92) Benzo(g,h,i)perylene	29.56	276	635230	50.669	ng	99

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

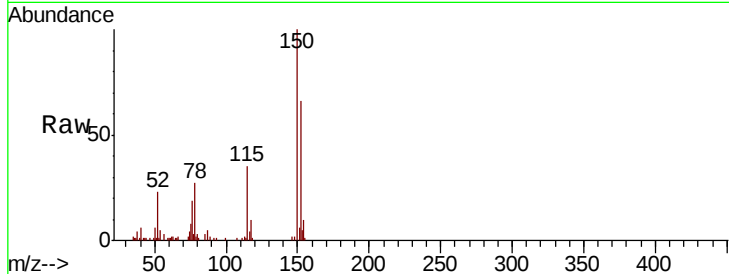


#1

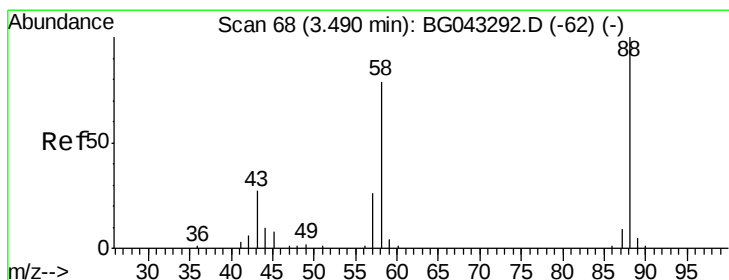
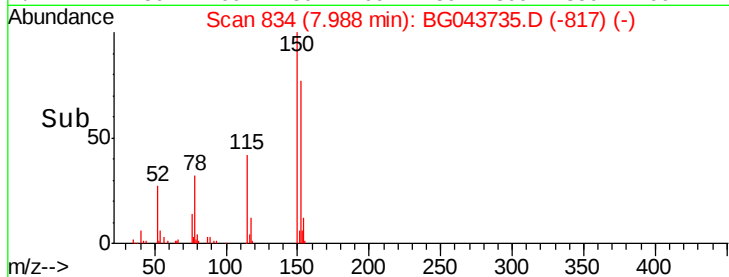
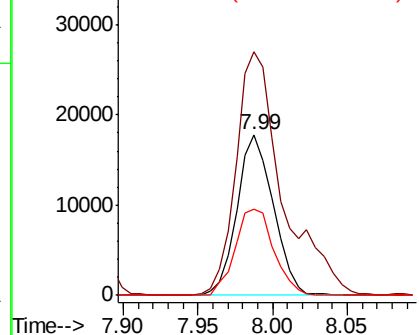
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 30189
Ion Ratio Lower Upper
152 100
150 151.8 116.6 175.0
115 53.8 40.5 60.7



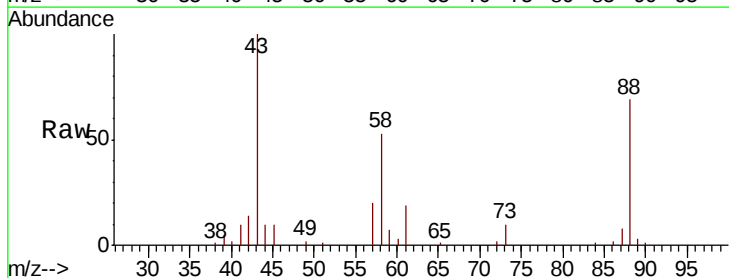
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



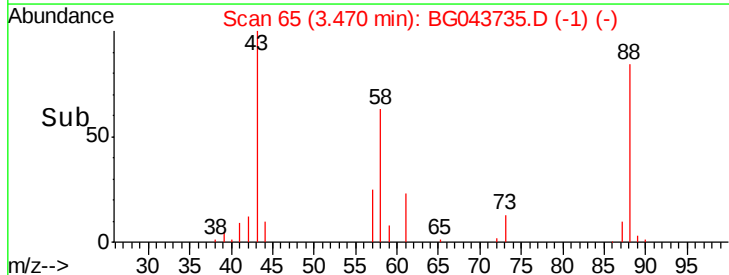
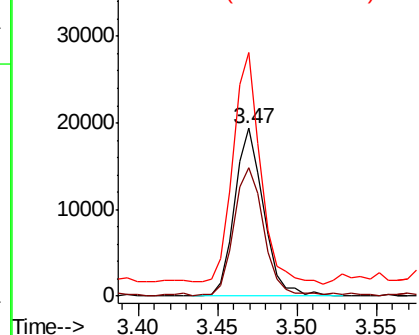
#2

1,4-Dioxane
Concen: 38.198 ng
RT: 3.47 min Scan# 65
Delta R.T. 0.02 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Tgt Ion: 88 Resp: 24523
Ion Ratio Lower Upper
88 100
58 81.1 62.2 93.4
43 131.1 30.1 45.1#



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: 40.986 ng

RT: 3.87 min Scan# 134

Delta R.T. 0.02 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Instrument :

BNA_G

ClientSampleId :

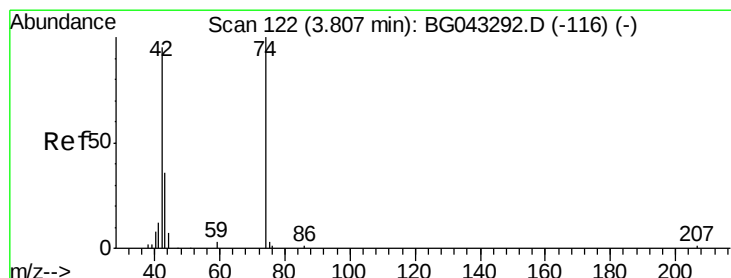
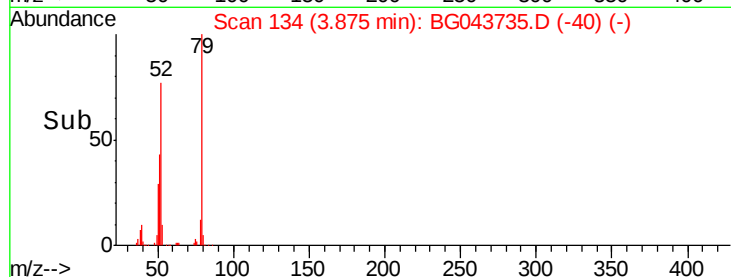
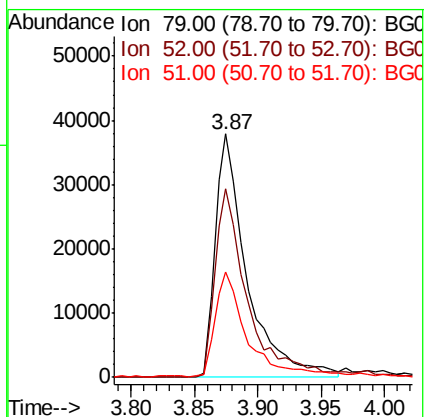
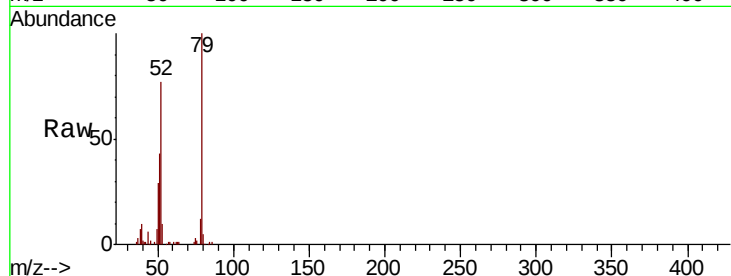
Tot Ion: 79 Resp: 66376

Ion Ratio Lower Upper

79 100

52 77.4 63.2 94.8

51 43.4 34.5 51.7



#4

n-Nitrosodimethylamine

Concen: 54.410 ng

RT: 3.78 min Scan# 117

Delta R.T. 0.01 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

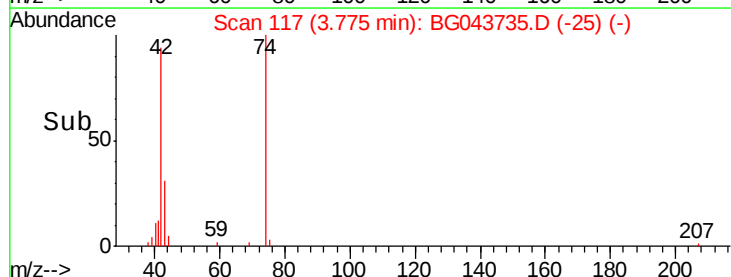
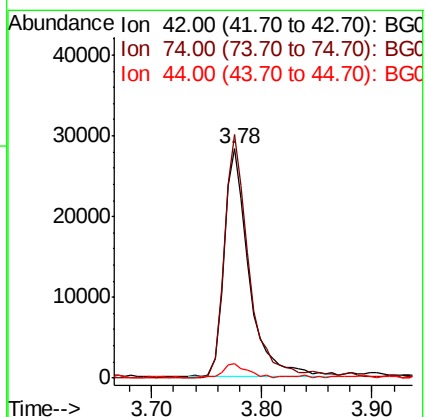
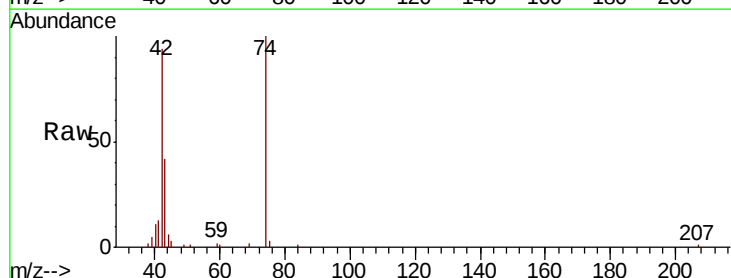
Tgt Ion: 42 Resp: 44464

Ion Ratio Lower Upper

42 100

74 106.2 83.0 124.6

44 6.1 4.4 6.6





#5

2-Fluorophenol

Concen: 147.855 ng

RT: 5.58 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG043735.D

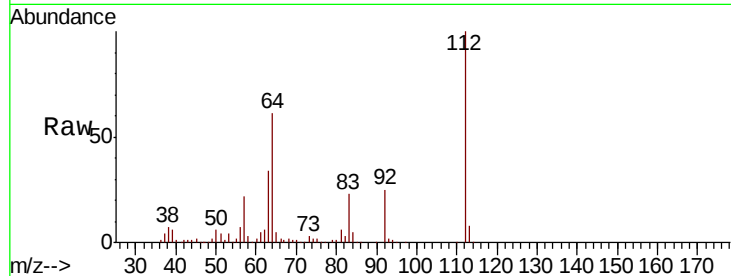
Acq: 20 Nov 2019 19:47

Instrument :

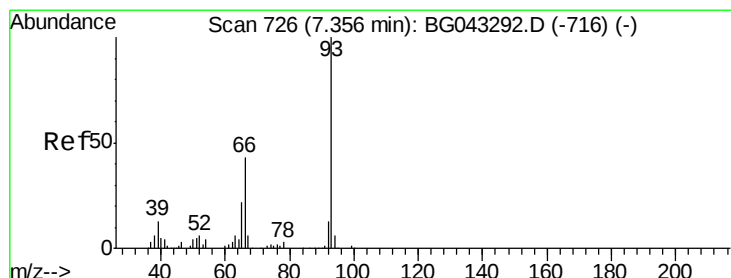
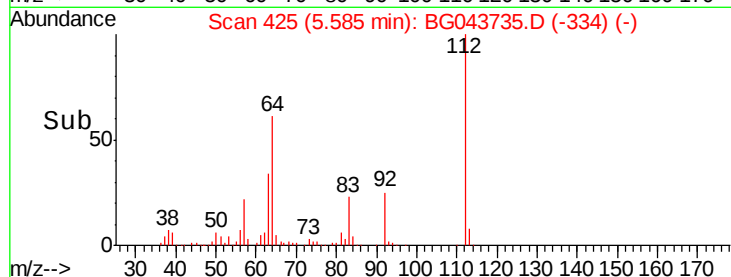
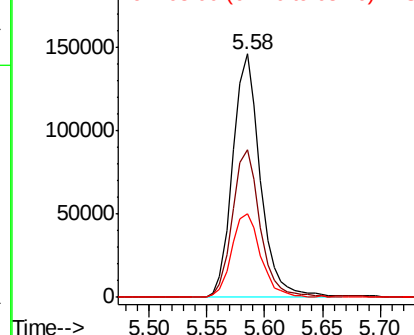
BNA_G

ClientSampleId :

Tot Ion:	112	Resp:	243587
Ion	Ratio	Lower	Upper
112	100		
64	60.6	50.6	75.8
63	34.3	30.5	45.7



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: 6.904 ng

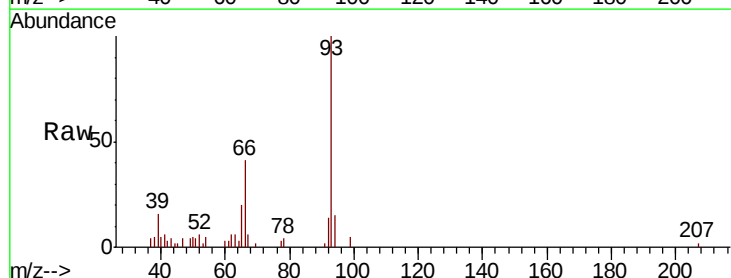
RT: 7.33 min Scan# 722

Delta R.T. 0.01 min

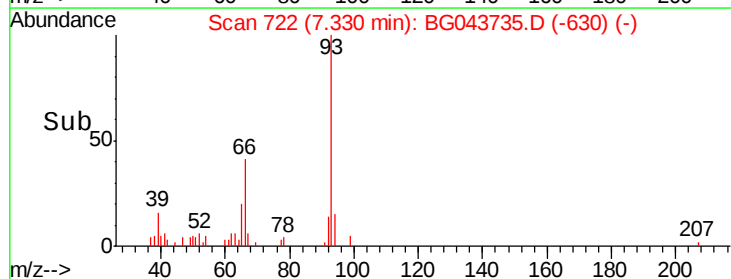
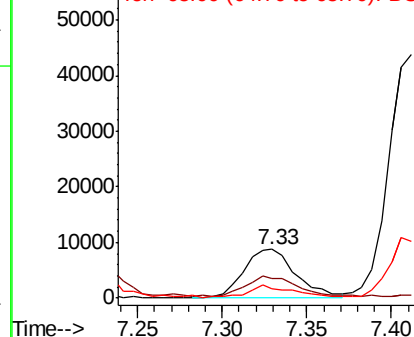
Lab File: BG043735.D

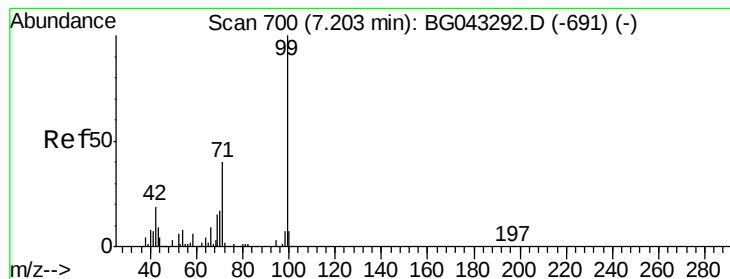
Acq: 20 Nov 2019 19:47

Tgt Ion:	93	Resp:	18852
Ion	Ratio	Lower	Upper
93	100		
66	40.6	35.4	53.2
65	20.4	17.1	25.7



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: 144.073 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Instrument :

BNA_G

ClientSampleId :

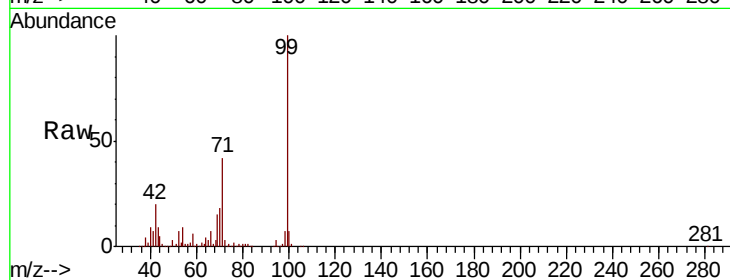
Tot Ion: 99 Resp: 341498

Ion Ratio Lower Upper

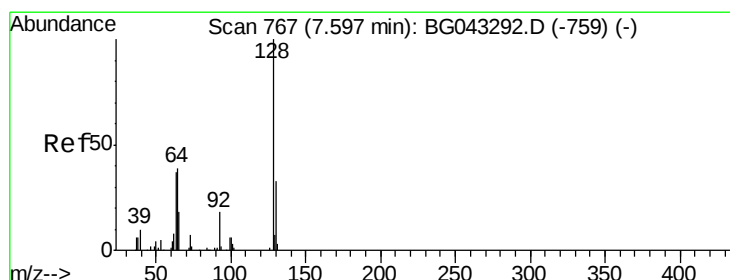
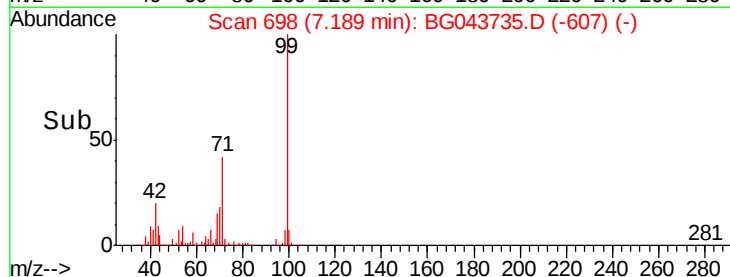
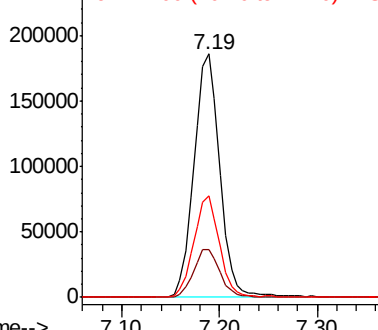
99 100

42 19.7 15.8 23.8

71 41.8 34.4 51.6



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: 50.138 ng

RT: 7.56 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

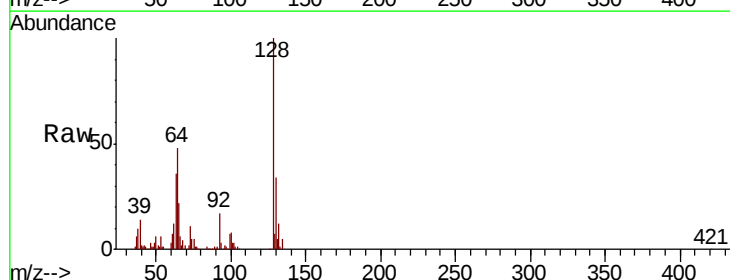
Tgt Ion:128 Resp: 91181

Ion Ratio Lower Upper

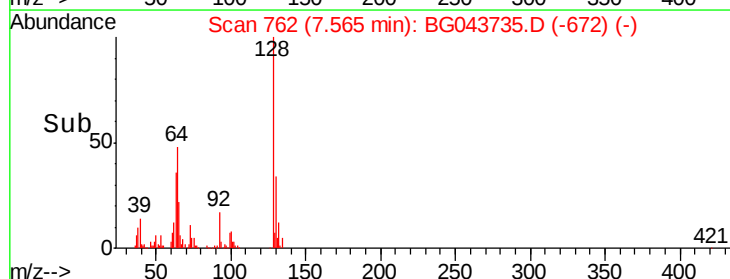
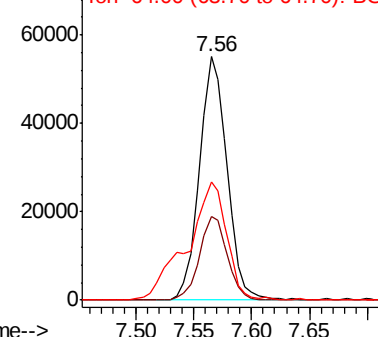
128 100

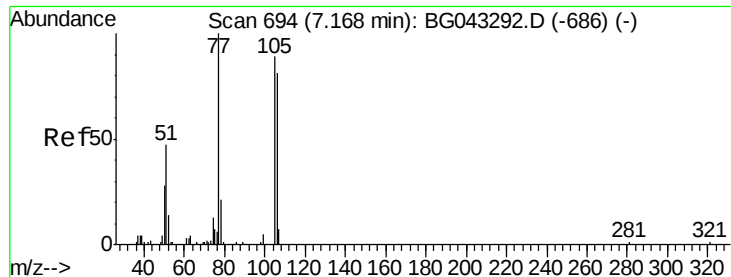
130 34.1 14.5 54.5

64 48.5 29.2 69.2



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





#9

Benzaldehyde

Concen: 11.776 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Instrument :

BNA_G

ClientSampleId :

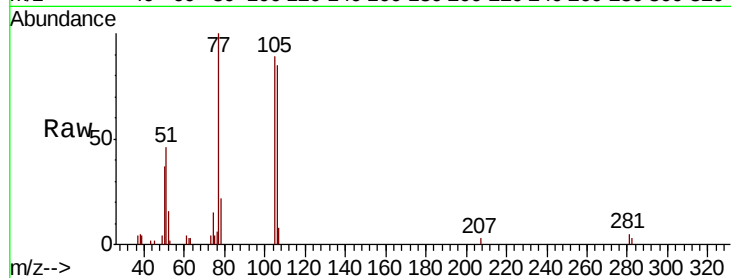
Tot Ion: 77 Resp: 13717

Ion Ratio Lower Upper

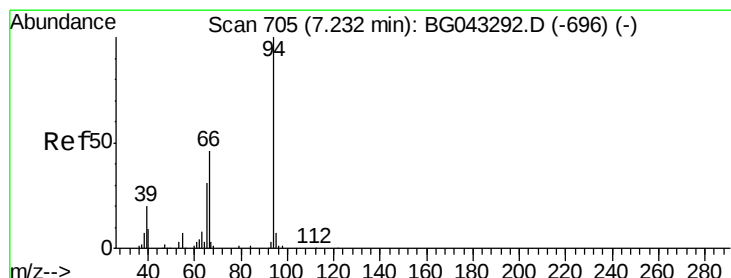
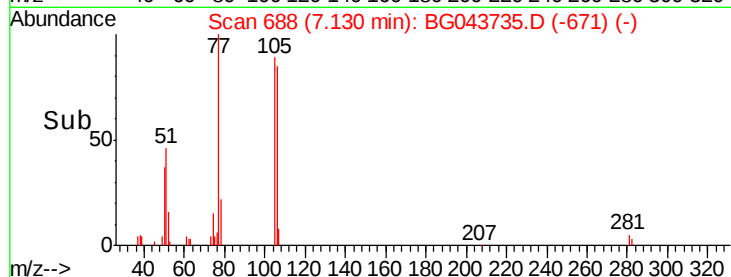
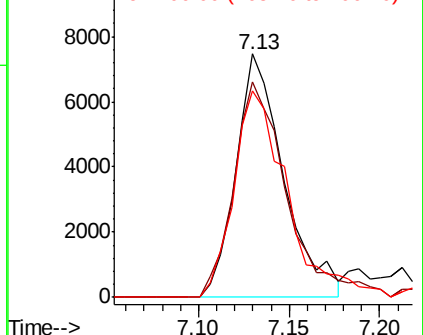
77 100

105 88.6 84.9 124.9

106 84.8 75.1 115.1



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: 51.493 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

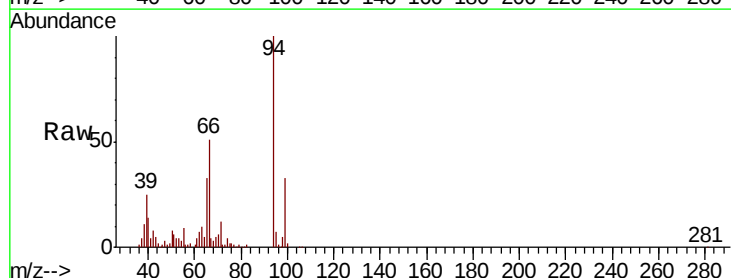
Tgt Ion: 94 Resp: 111534

Ion Ratio Lower Upper

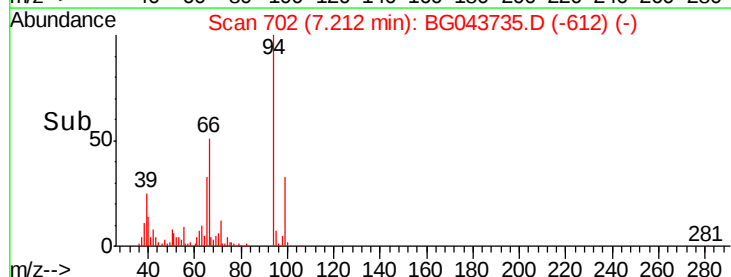
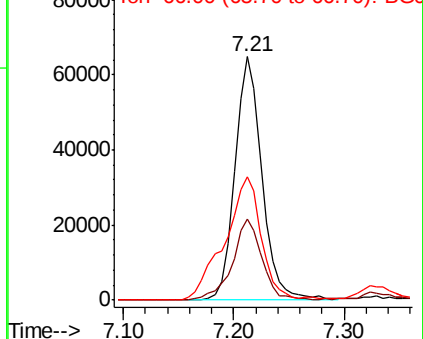
94 100

65 33.3 11.4 51.4

66 50.5 28.4 68.4



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: 44.631 ng

RT: 7.41 min Scan# 736

Delta R.T. -0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Instrument :

BNA_G

ClientSampled :

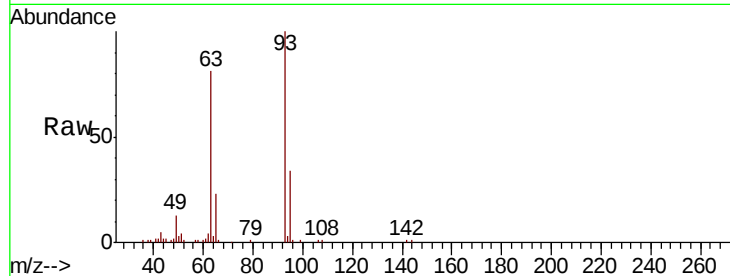
Tot Ion: 93 Resp: 74739

Ion Ratio Lower Upper

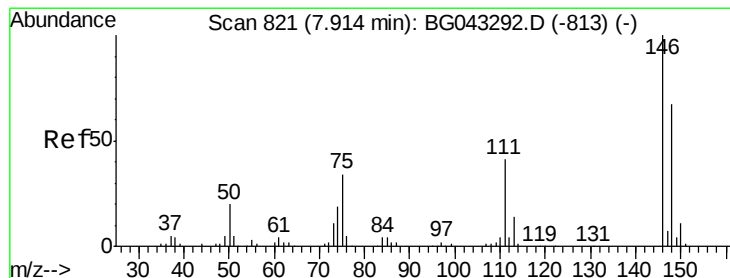
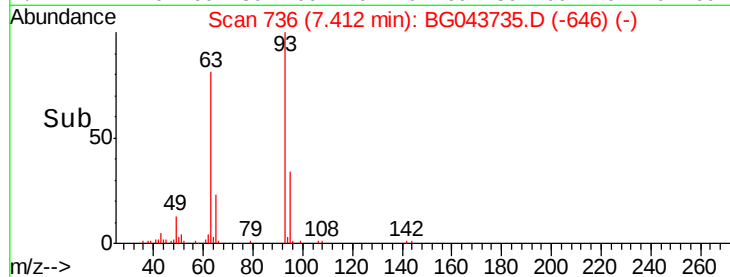
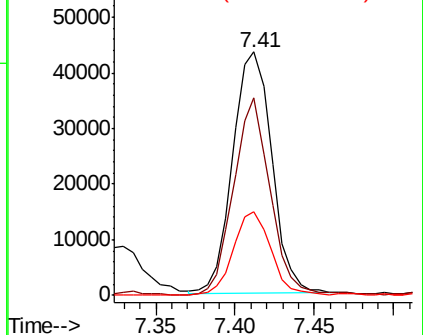
93 100

63 81.0 54.9 94.9

95 34.2 7.2 47.2



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: 43.662 ng

RT: 7.88 min Scan# 815

Delta R.T. -0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

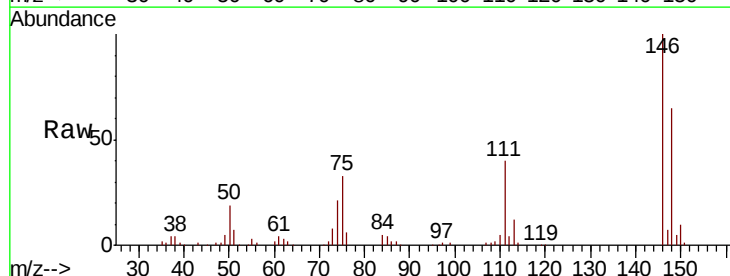
Tgt Ion: 146 Resp: 99488

Ion Ratio Lower Upper

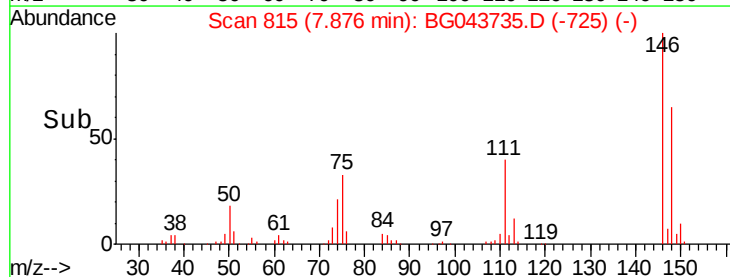
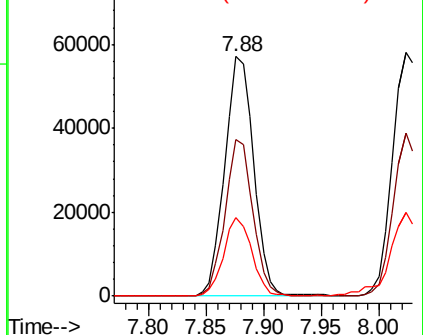
146 100

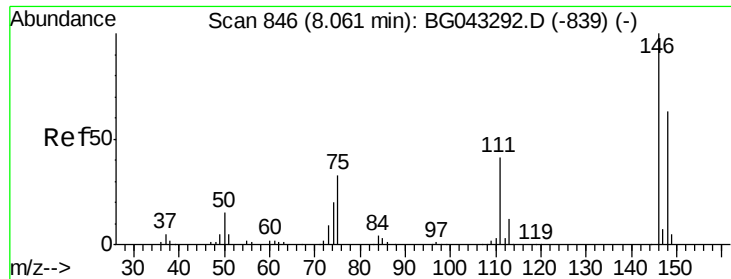
148 65.3 51.4 77.2

75 32.9 26.2 39.2



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

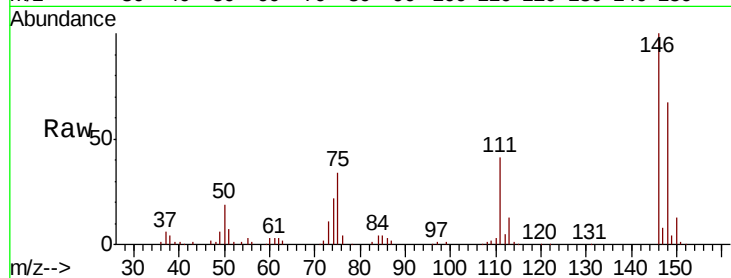




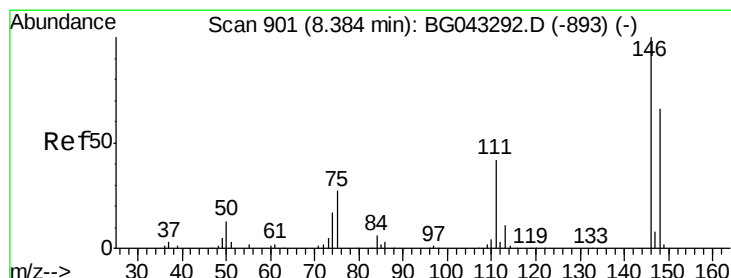
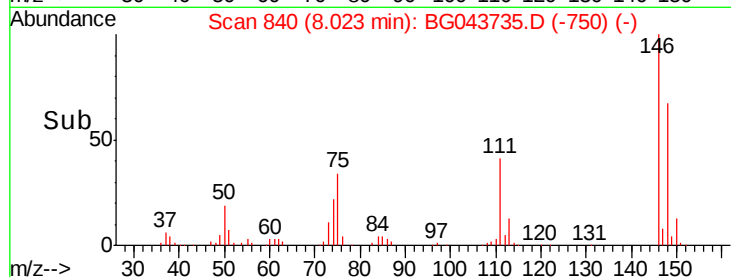
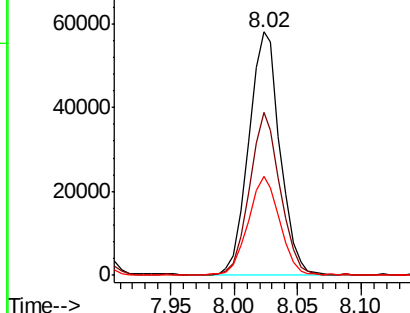
#13
 1,4-Dichlorobenzene
 Concen: 43.313 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG043735.D
 Acq: 20 Nov 2019 19:47

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 99851
 Ion Ratio Lower Upper
 146 100
 148 67.1 51.0 76.6
 111 40.8 34.3 51.5

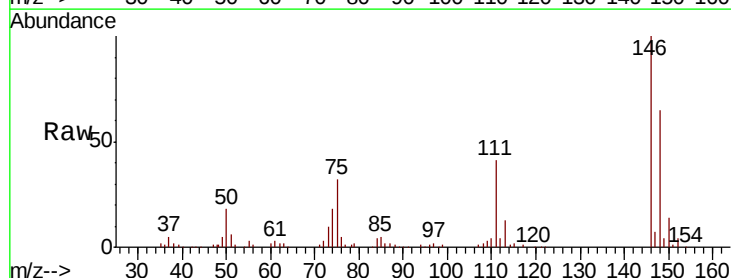


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

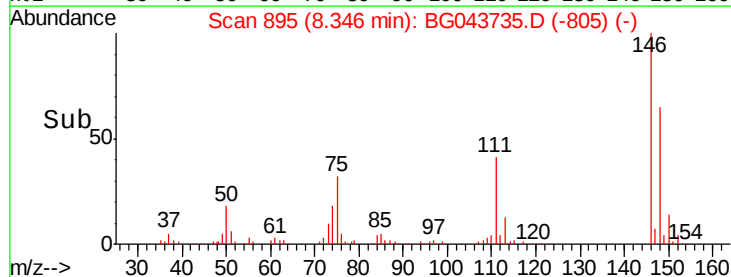
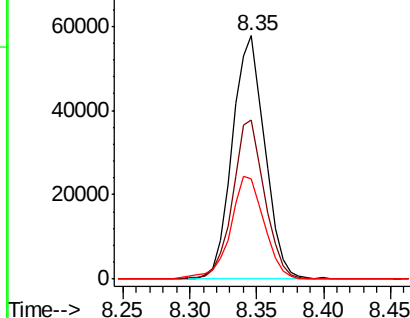


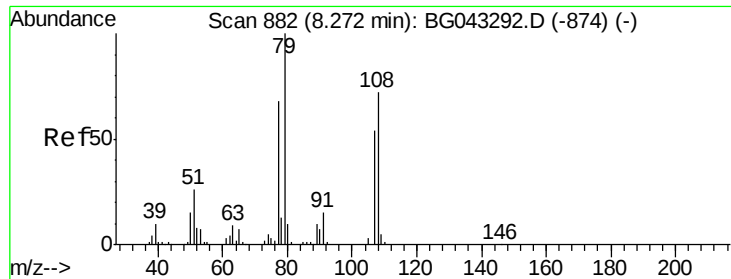
#14
 1,2-Dichlorobenzene
 Concen: 43.413 ng
 RT: 8.35 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BG043735.D
 Acq: 20 Nov 2019 19:47

Tgt Ion:146 Resp: 97719
 Ion Ratio Lower Upper
 146 100
 148 65.4 53.4 80.2
 111 41.2 35.3 52.9



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: 39.894 ng

RT: 8.24 min Scan# 877

Delta R.T. 0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Instrument :

BNA_G

ClientSampleId :

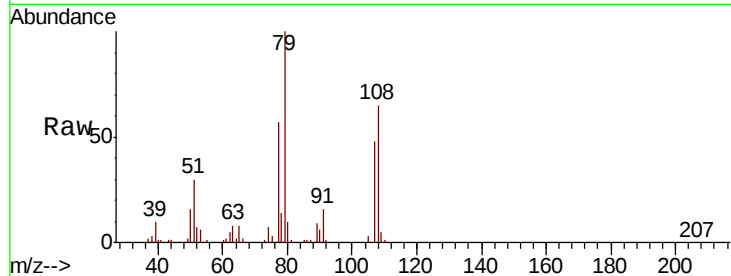
Tot Ion: 79 Resp: 66410

Ion Ratio Lower Upper

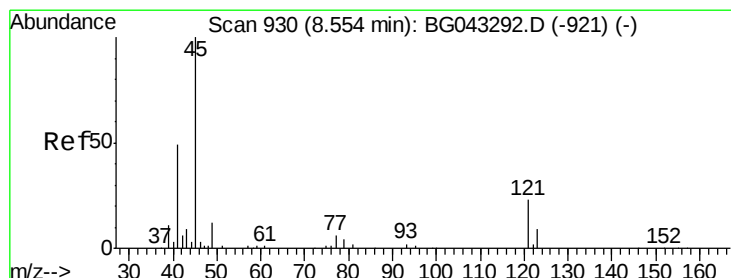
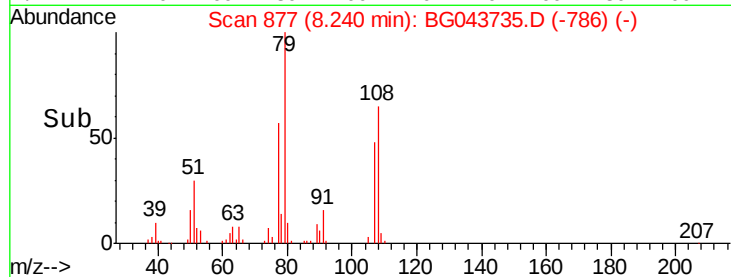
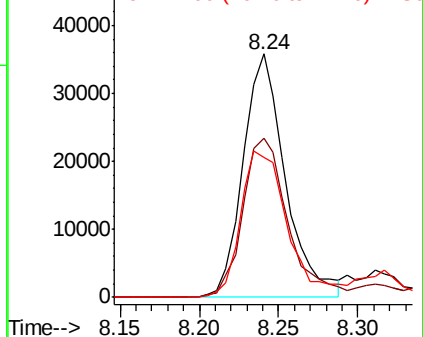
79 100

108 65.3 56.0 84.0

77 57.3 47.9 71.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.943 ng

RT: 8.51 min Scan# 923

Delta R.T. -0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

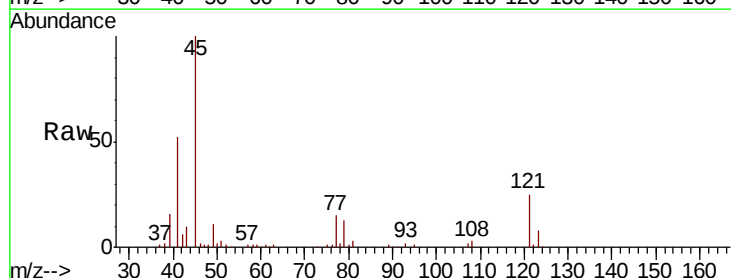
Tgt Ion: 45 Resp: 107003

Ion Ratio Lower Upper

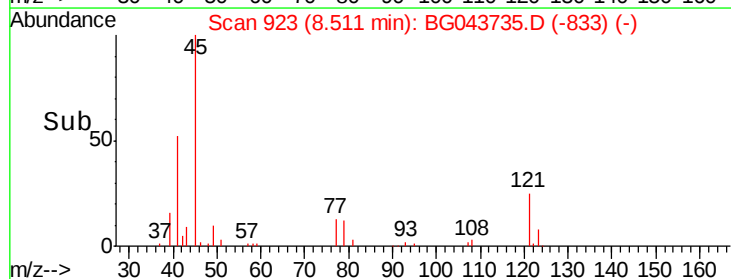
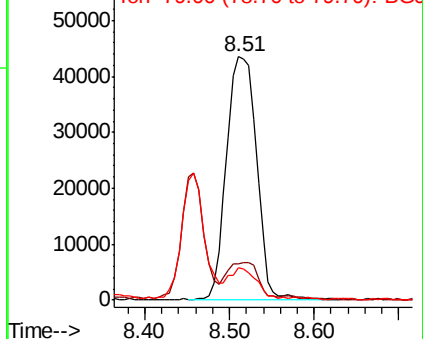
45 100

77 15.1 0.0 35.2

79 13.1 0.0 32.4



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

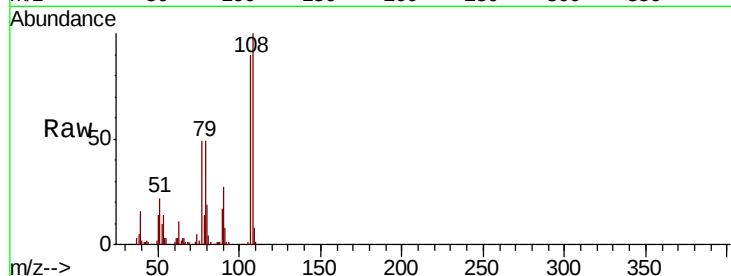




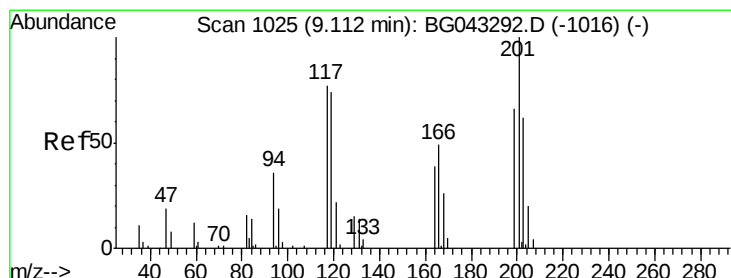
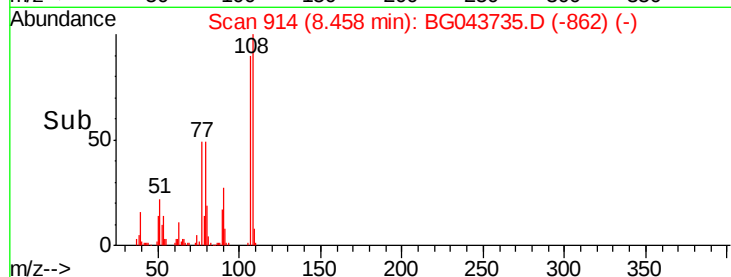
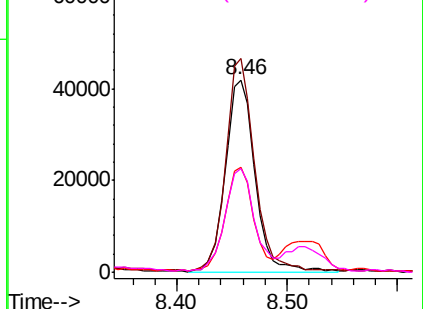
#17
2-Methylphenol
Concen: 50.357 ng
RT: 8.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	79514
Ion	Ratio	Lower	Upper
107	100		
108	111.1	84.7	127.1
77	54.4	46.2	69.4
79	54.3	41.0	61.6

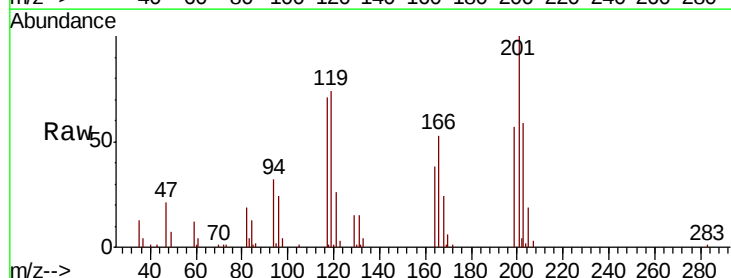


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

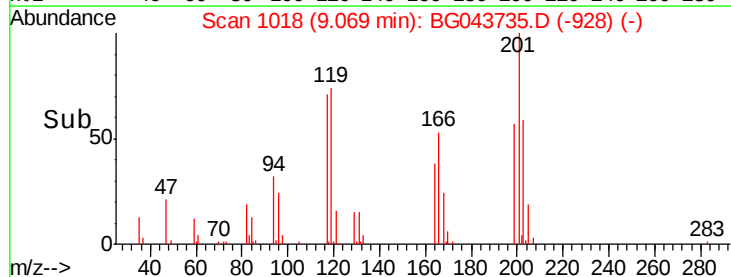
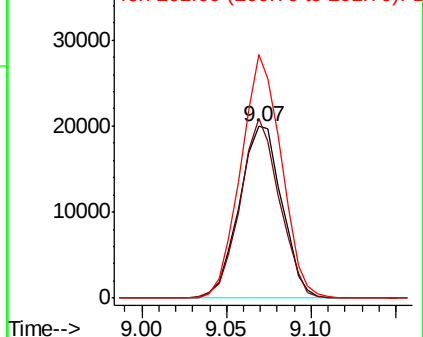


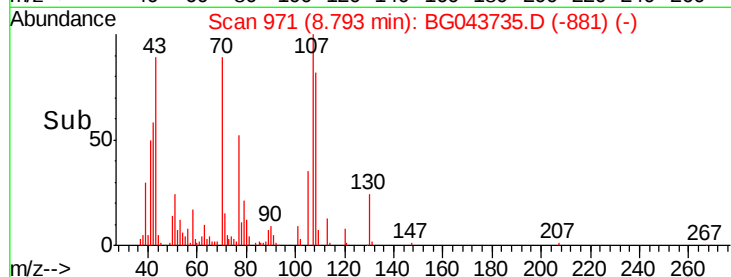
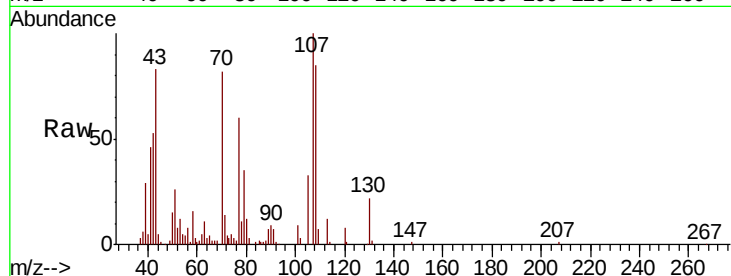
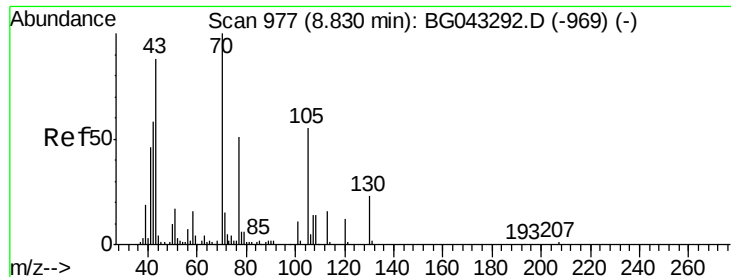
#18
Hexachloroethane
Concen: 42.075 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Tgt Ion:	117	Resp:	34996
Ion	Ratio	Lower	Upper
117	100		
119	104.2	81.7	122.5
201	141.8	98.6	147.8



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

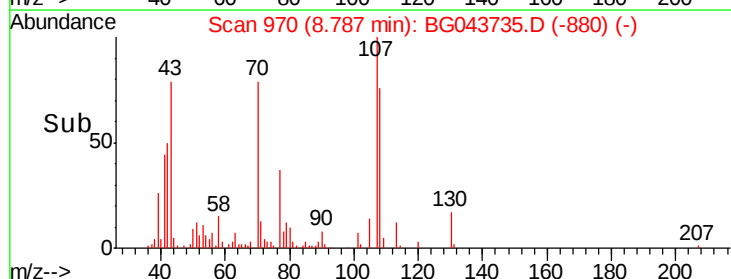
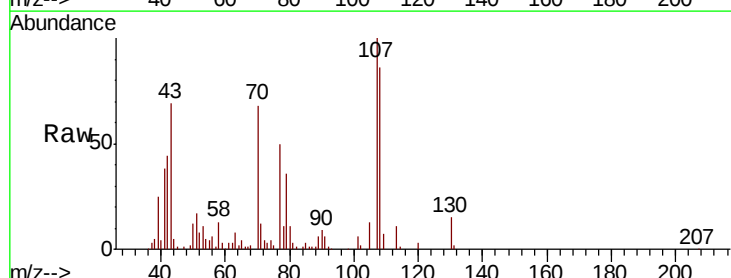
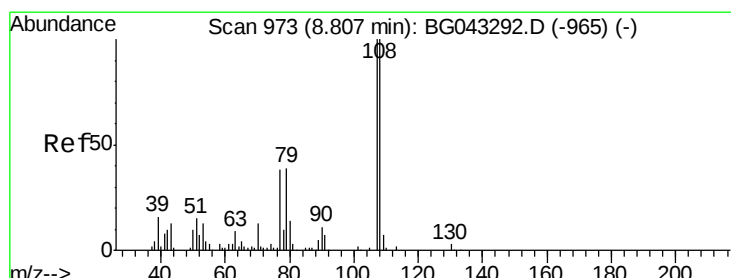
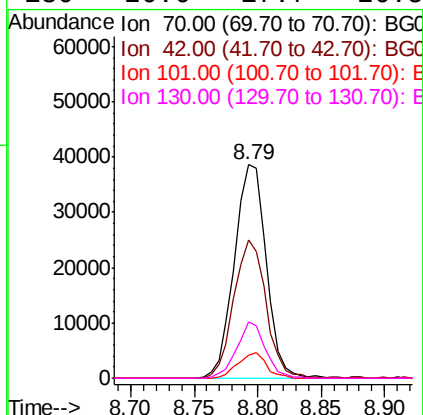




#19
n-Nitroso-di-n-propylamine
Concen: 43.928 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

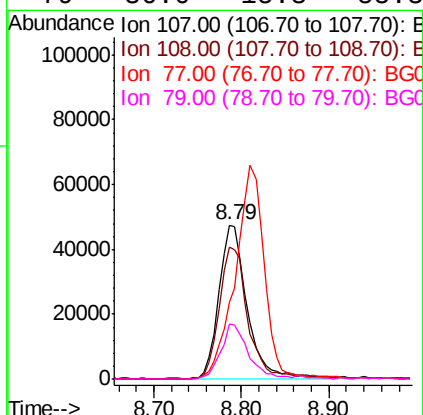
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 67283
Ion Ratio Lower Upper
70 100
42 64.5 49.7 74.5
101 10.6 9.7 14.5
130 26.6 17.7 26.5#



#20
3+4-Methylphenols
Concen: 49.347 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Tgt Ion: 107 Resp: 106847
Ion Ratio Lower Upper
107 100
108 85.8 69.5 109.5
77 49.7 32.8 72.8
79 36.0 15.3 55.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 118123

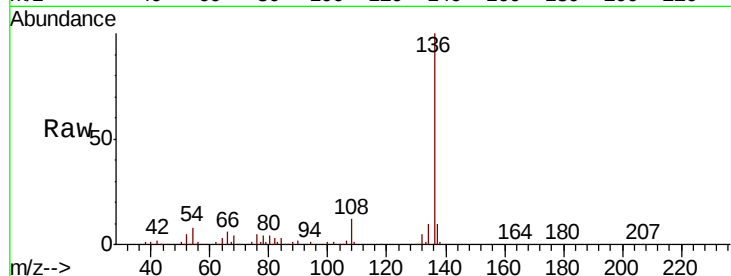
Ion Ratio Lower Upper

136 100

137 9.7 8.8 13.2

54 7.5 6.2 9.2

68 4.2 3.4 5.0

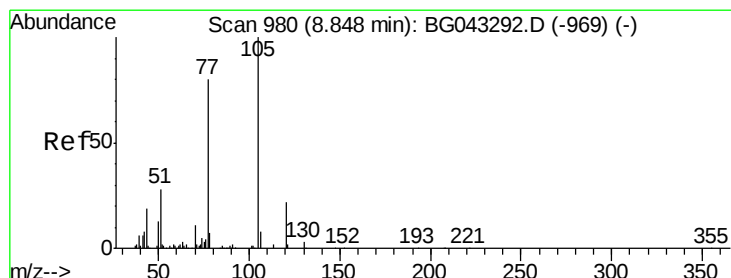
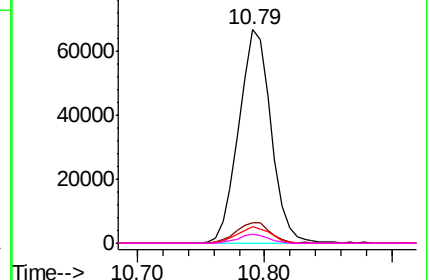
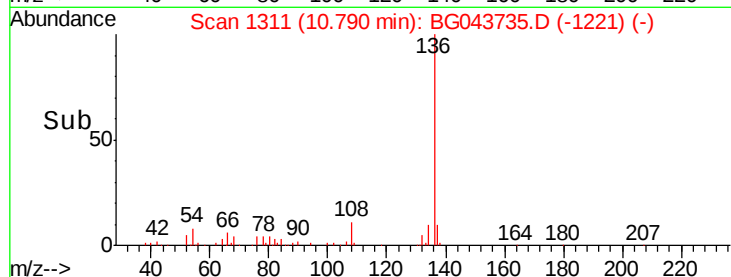


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.982 ng

RT: 8.82 min Scan# 975

Delta R.T. 0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Tgt Ion:105 Resp: 136071

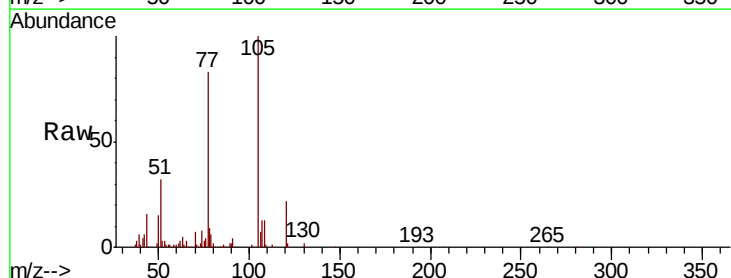
Ion Ratio Lower Upper

105 100

71 0.9 1.5 2.3#

51 31.8 25.0 37.6

120 21.7 18.3 27.5

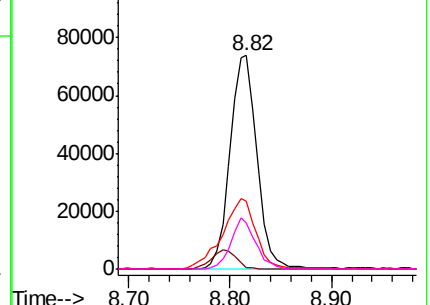
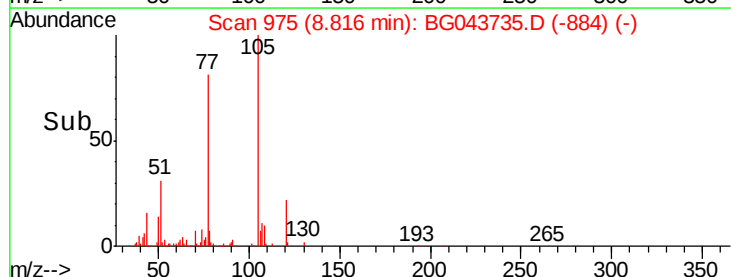


Abundance Ion 105.00 (104.70 to 105.70): E

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: 90.315 ng

RT: 9.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Instrument :

BNA_G

ClientSampled :

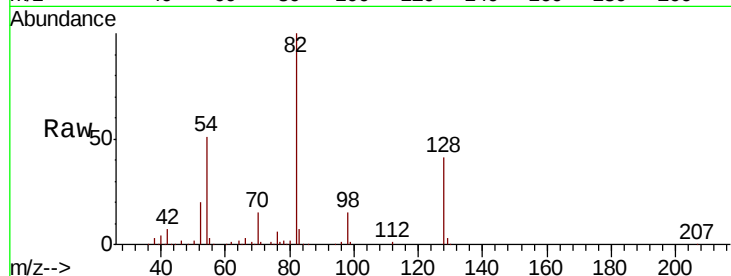
Tot Ion: 82 Resp: 206932

Ion Ratio Lower Upper

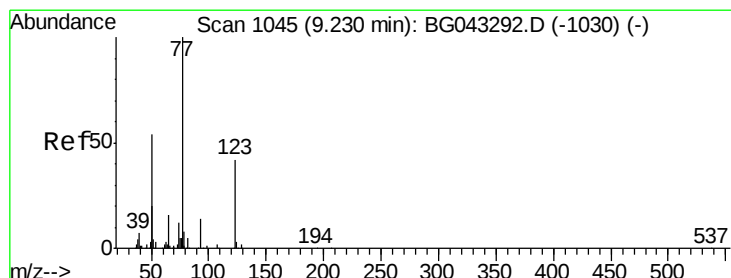
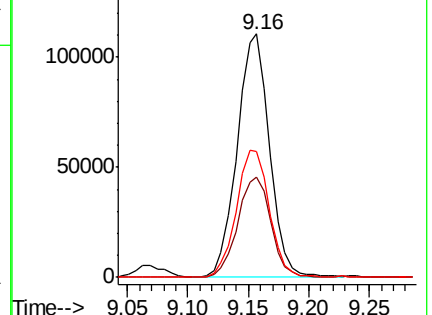
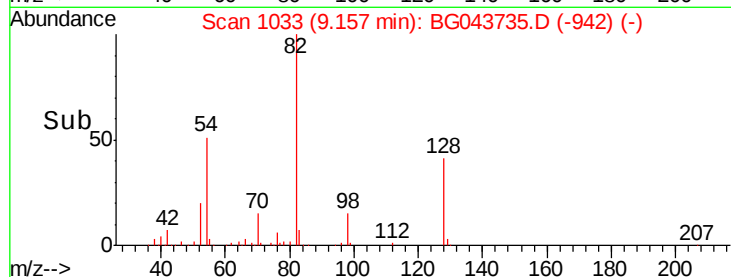
82 100

128 41.0 34.2 51.4

54 51.4 44.7 67.1



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



#24

Nitrobenzene

Concen: 48.714 ng

RT: 9.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

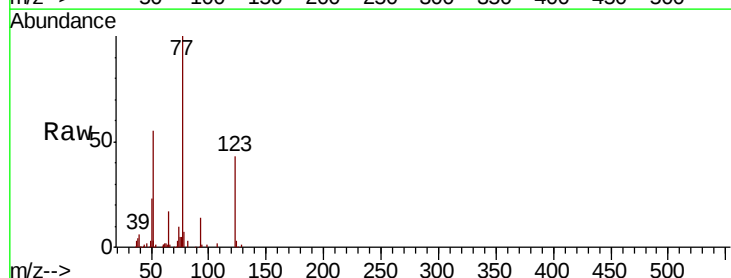
Tgt Ion: 77 Resp: 106326

Ion Ratio Lower Upper

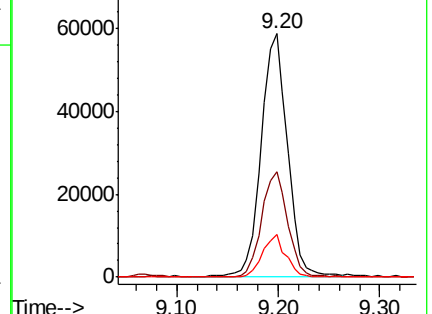
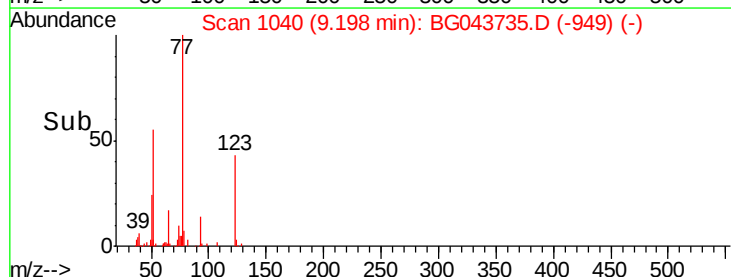
77 100

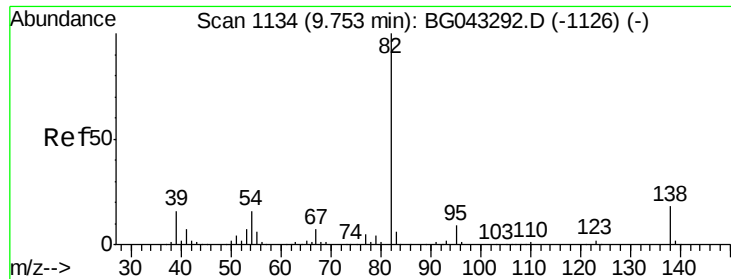
123 43.2 33.6 50.4

65 17.4 12.9 19.3



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





#25

Isophorone

Concen: 45.912 ng

RT: 9.72 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Instrument :

BNA_G

ClientSampleId :

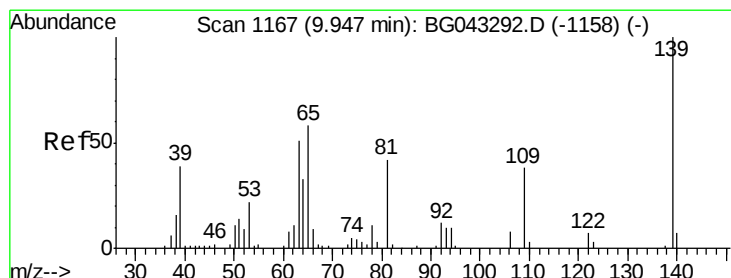
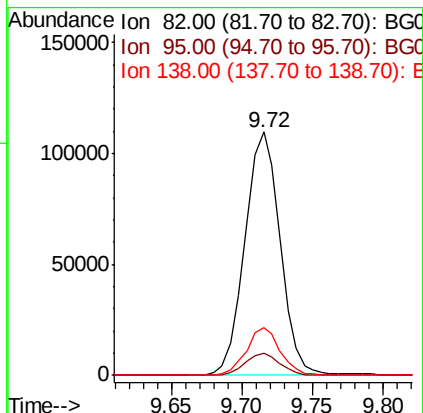
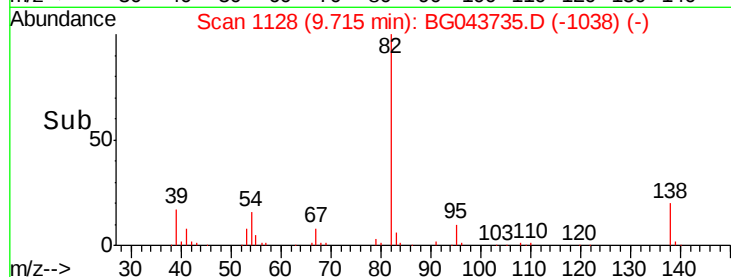
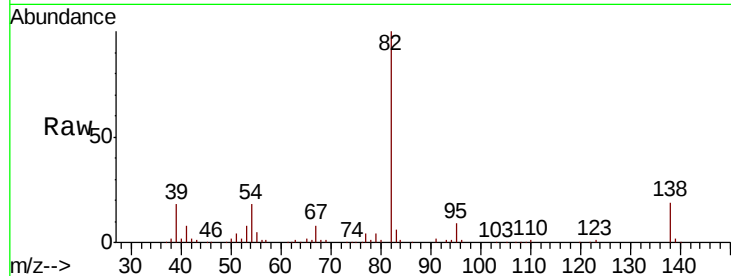
Tot Ion: 82 Resp: 192324

Ion Ratio Lower Upper

82 100

95 9.3 7.4 11.0

138 19.4 15.1 22.7



#26

2-Nitrophenol

Concen: 50.931 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

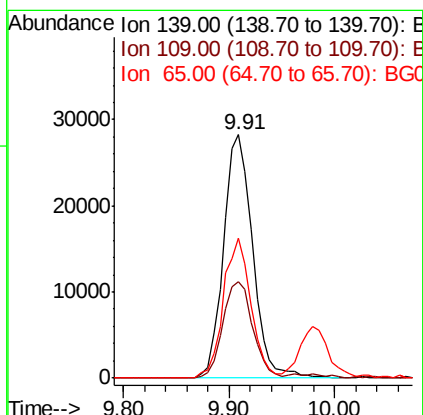
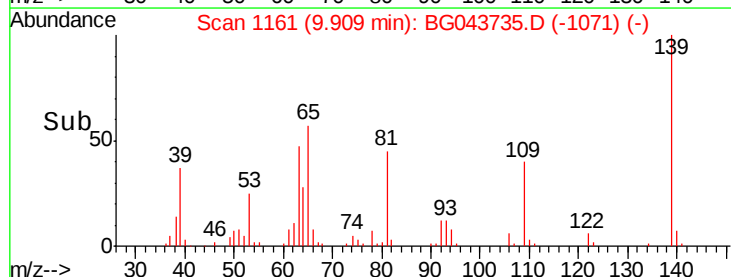
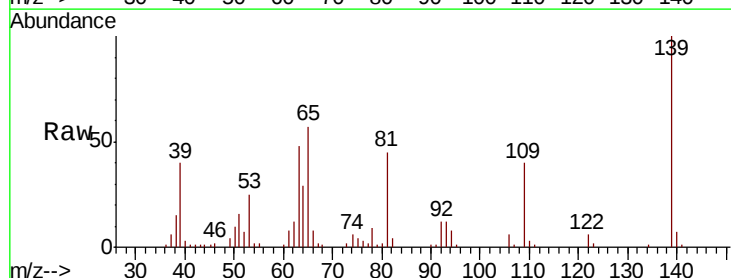
Tgt Ion: 139 Resp: 53668

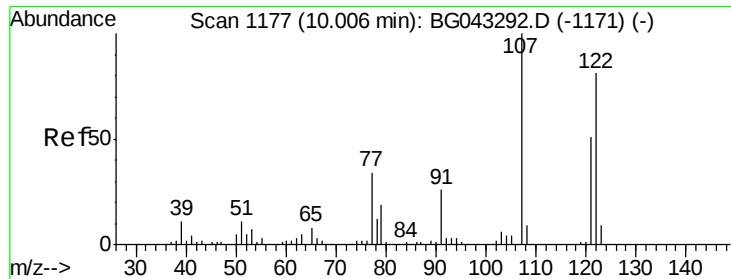
Ion Ratio Lower Upper

139 100

109 39.5 32.6 48.8

65 57.3 47.6 71.4

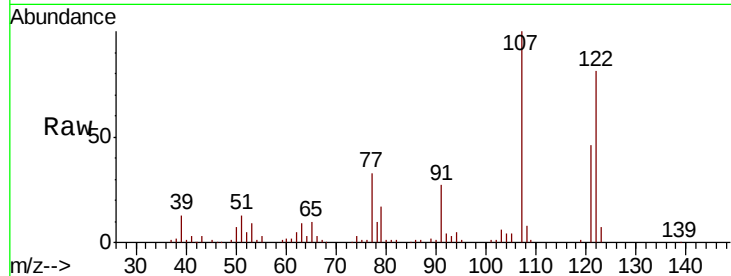




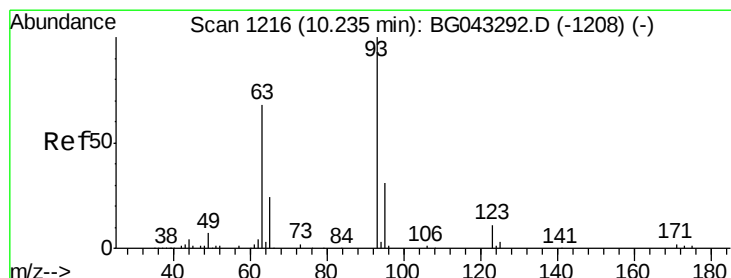
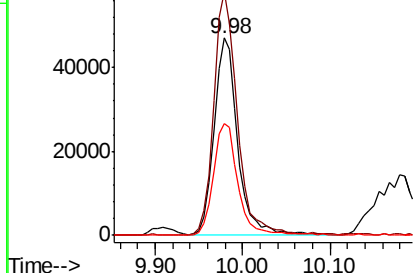
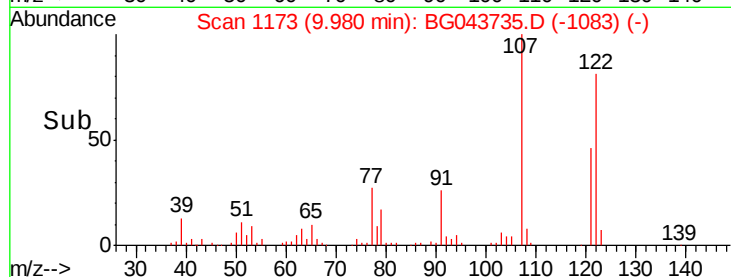
#27
 2,4-Dimethylphenol
 Concen: 57.658 ng
 RT: 9.98 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: BG043735.D
 Acq: 20 Nov 2019 19:47

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:122 Resp: 87081
 Ion Ratio Lower Upper
 122 100
 107 123.3 100.7 151.1
 121 56.8 47.0 70.4

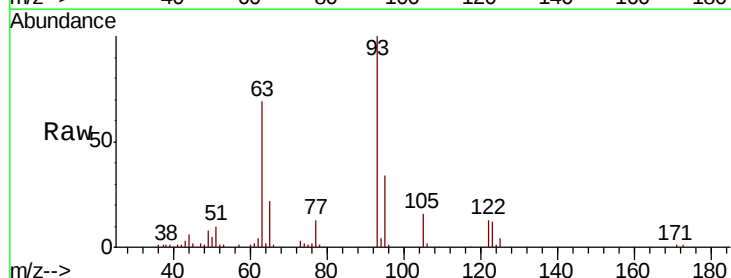


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

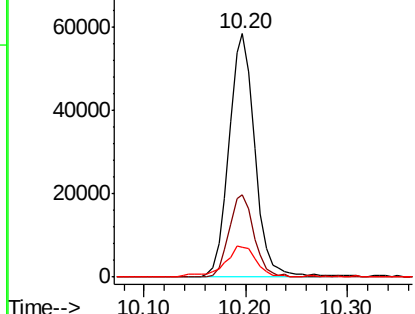
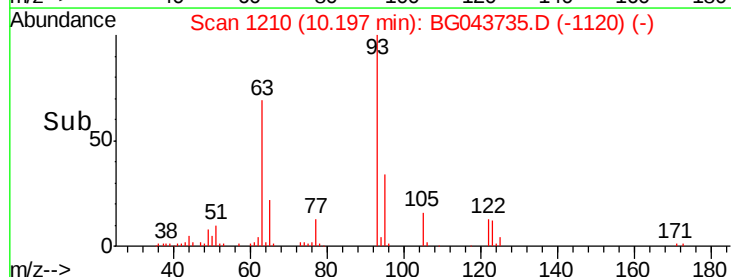


#28
 bis(2-Chloroethoxy)methane
 Concen: 44.655 ng
 RT: 10.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BG043735.D
 Acq: 20 Nov 2019 19:47

Tgt Ion: 93 Resp: 103241
 Ion Ratio Lower Upper
 93 100
 95 33.9 27.5 41.3
 123 12.0 10.7 16.1



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

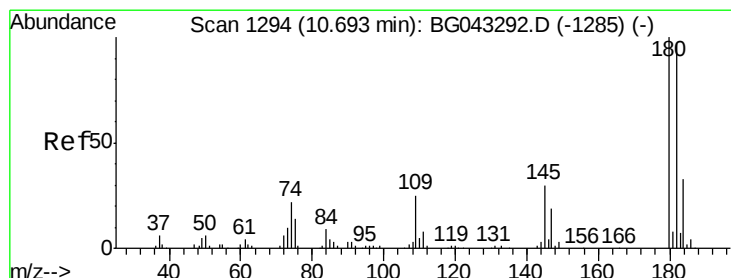
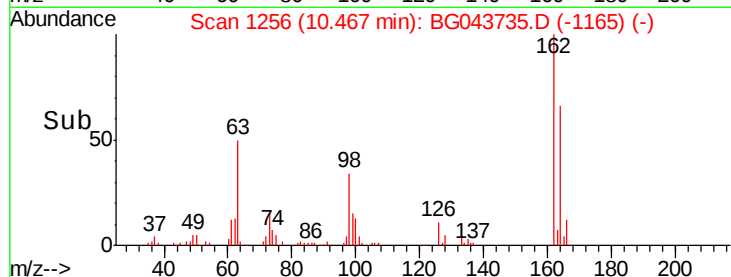
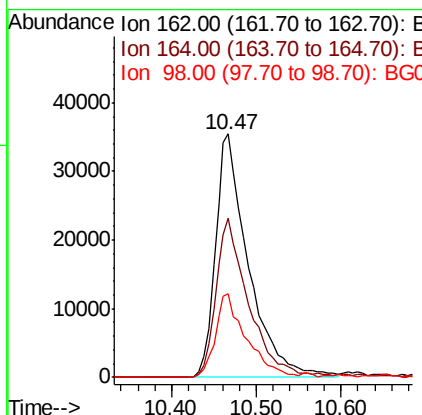
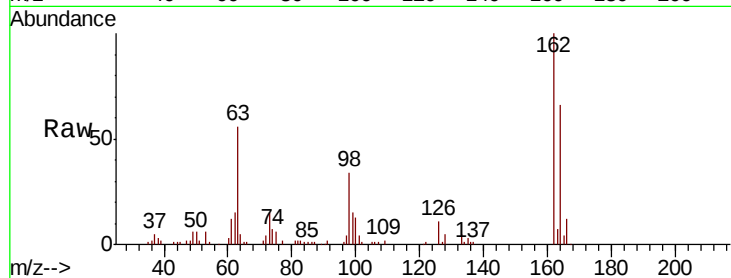




#29
 2,4-Dichlorophenol
 Concen: 49.521 ng
 RT: 10.47 min Scan# 1256
 Delta R.T. 0.00 min
 Lab File: BG043735.D
 Acq: 20 Nov 2019 19:47

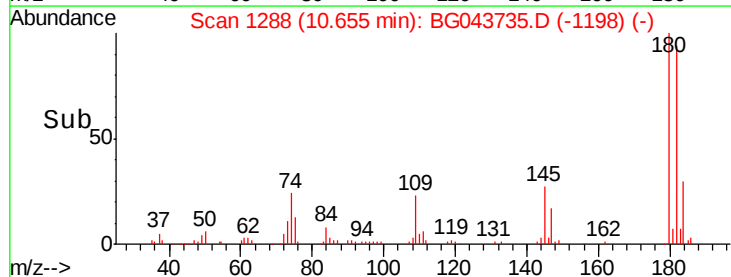
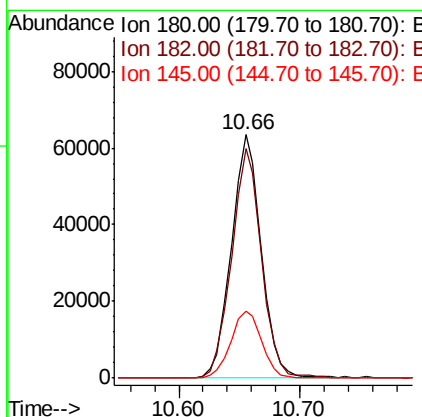
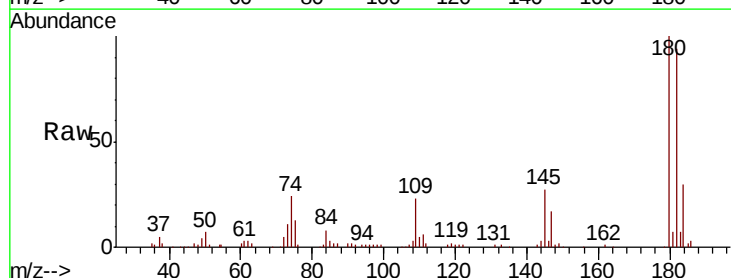
Instrument :
 BNA_G
 ClientSampleID :

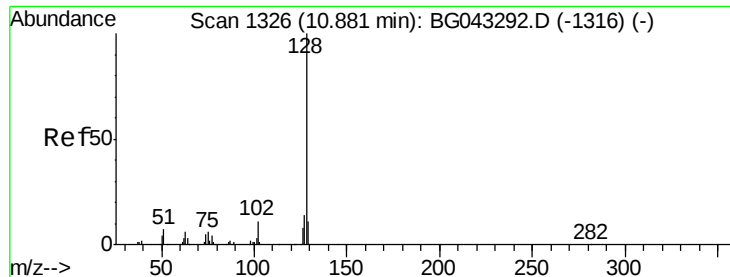
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	45.4	85.4
98	34.4	10.1	50.1



#30
 1,2,4-Trichlorobenzene
 Concen: 44.714 ng
 RT: 10.66 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: BG043735.D
 Acq: 20 Nov 2019 19:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	74.5	111.7
145	27.3	21.4	32.0

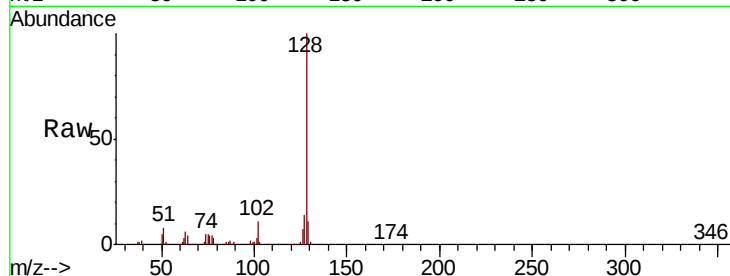




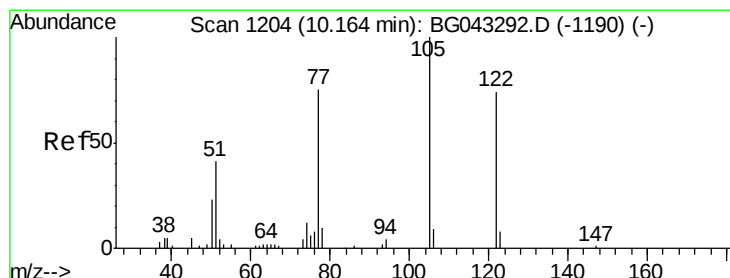
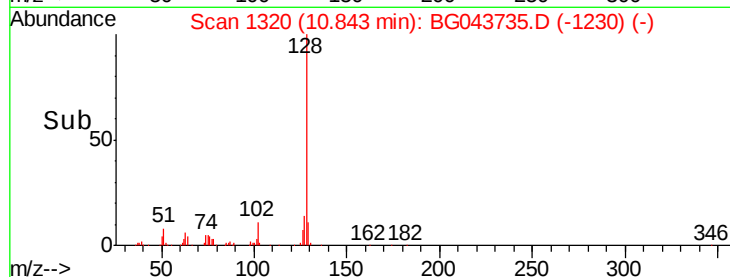
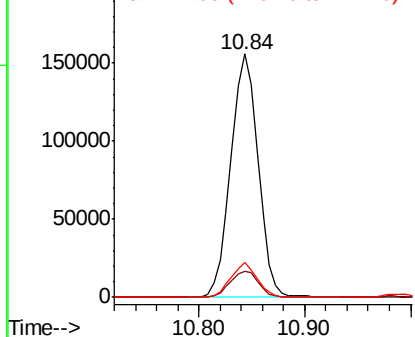
#31
Naphthalene
Concen: 46.564 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 279193
Ion Ratio Lower Upper
128 100
129 10.6 9.5 14.3
127 14.2 11.0 16.4

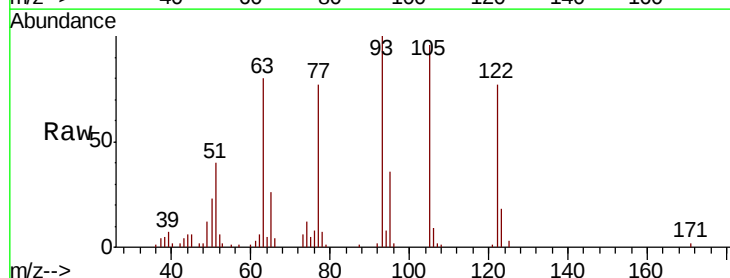


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

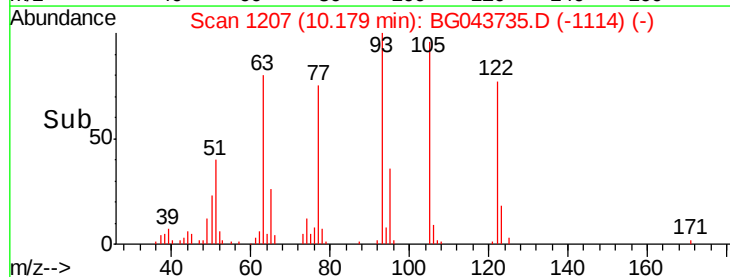
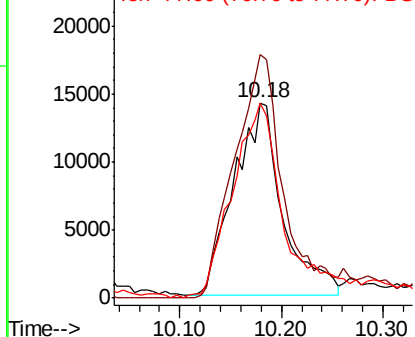


#32
Benzoic acid
Concen: 42.024 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.02 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Tgt Ion:122 Resp: 46862
Ion Ratio Lower Upper
122 100
105 124.5 101.8 141.8
77 99.6 86.8 126.8



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): BG

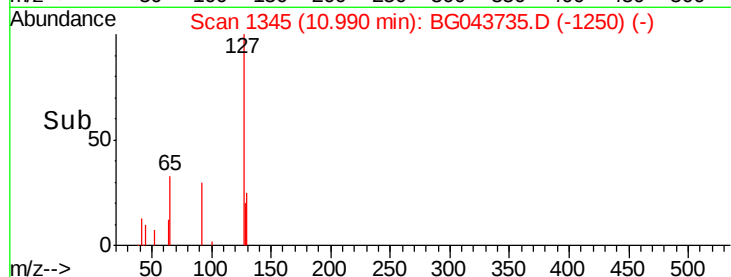
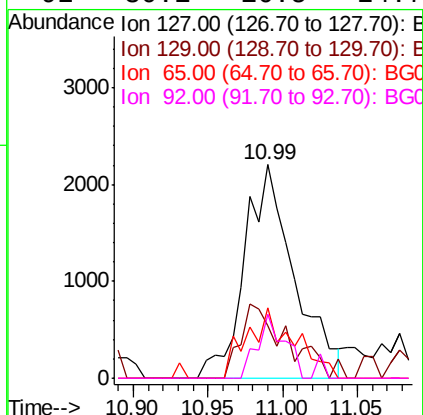
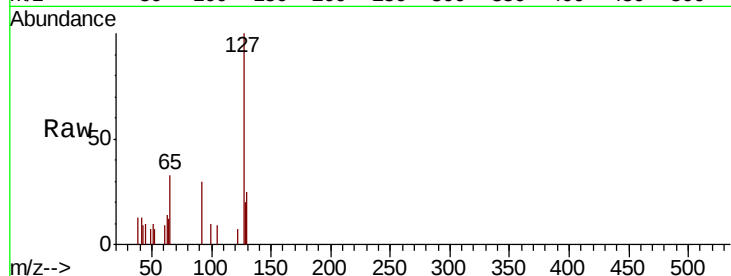




#33
4-Chloroaniline
Concen: 2.068 ng
RT: 10.99 min Scan# 1345
Delta R.T. 0.03 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

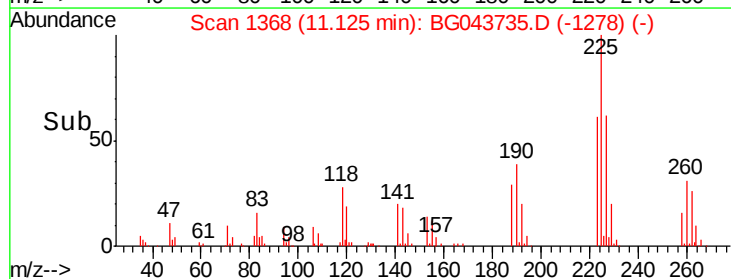
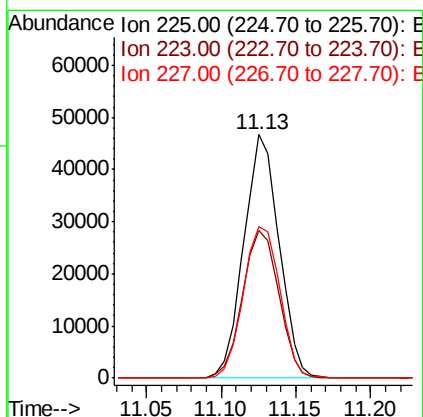
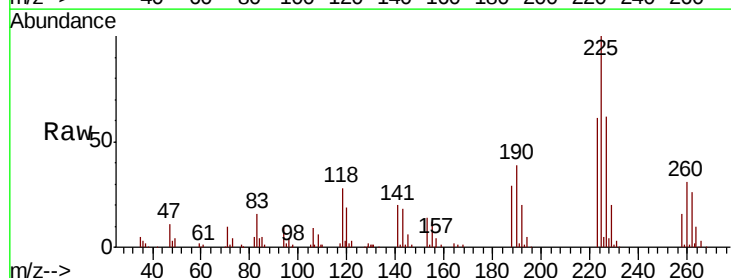
Instrument :
BNA_G
ClientSampleId :

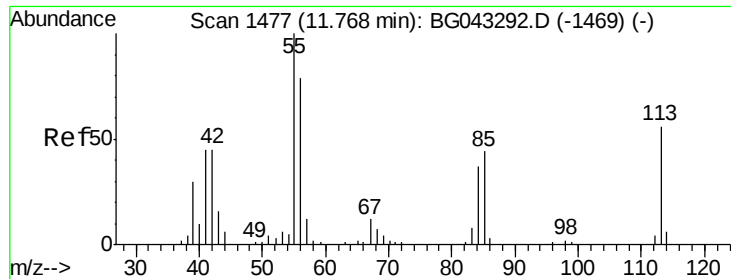
Tot Ion:127	Resp:	5083
Ion Ratio	Lower	Upper
127	100	
129	24.5	28.0 42.0#
65	32.8	28.3 42.5
92	30.1	16.5 24.7#



#34
Hexachlorobutadiene
Concen: 42.300 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Tgt Ion:225	Resp:	76264
Ion Ratio	Lower	Upper
225	100	
223	60.9	48.6 73.0
227	62.4	49.1 73.7

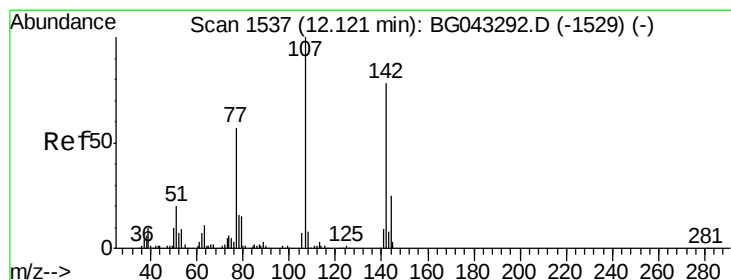
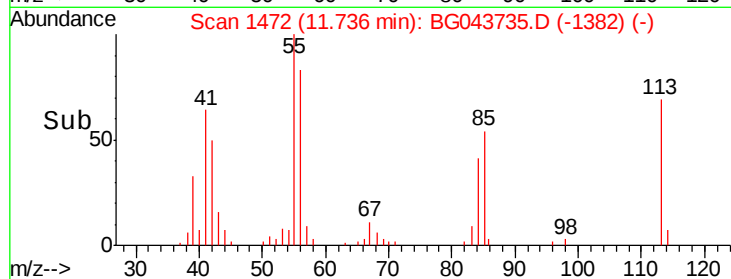
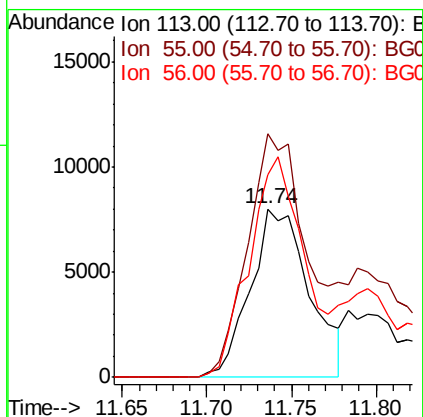
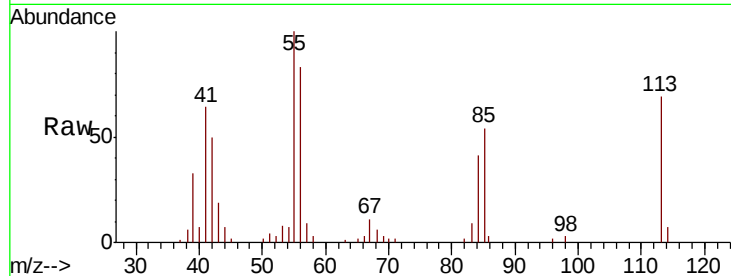




#35
 Caprolactam
 Concen: 28.908 ng
 RT: 11.74 min Scan# 1472
 Delta R.T. -0.00 min
 Lab File: BG043735.D
 Acq: 20 Nov 2019 19:47

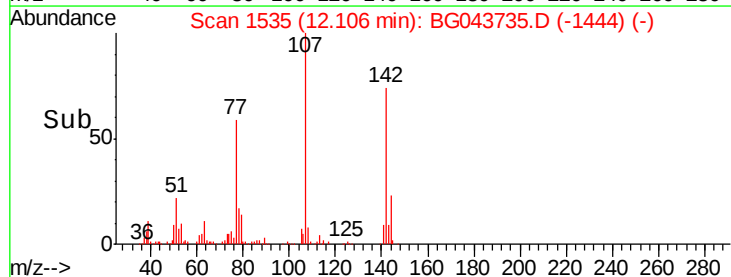
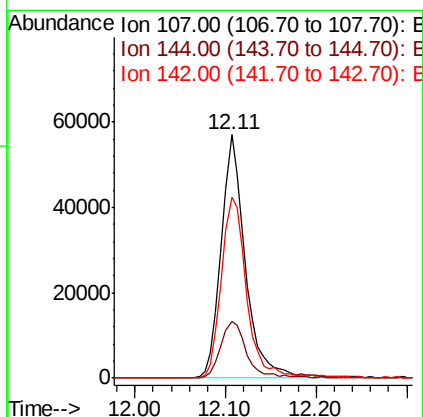
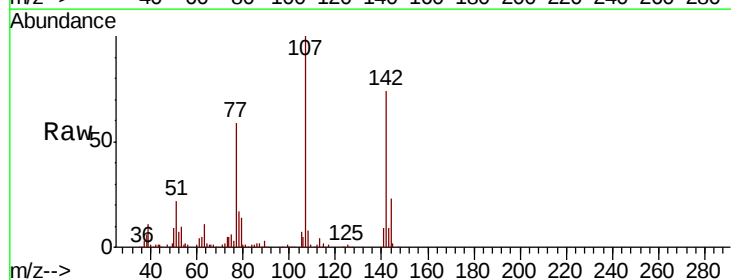
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:113 Resp: 19266
 Ion Ratio Lower Upper
 113 100
 55 144.4 154.4 194.4#
 56 120.2 112.9 152.9



#36
 4-Chloro-3-methylphenol
 Concen: 50.124 ng
 RT: 12.11 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: BG043735.D
 Acq: 20 Nov 2019 19:47

Tgt Ion:107 Resp: 105801
 Ion Ratio Lower Upper
 107 100
 144 23.1 21.7 32.5
 142 74.3 67.2 100.8





#37

2-Methylnaphthalene

Concen: 46.755 ng

RT: 12.45 min Scan# 1593

Delta R.T. -0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Instrument :

BNA_G

ClientSampleId :

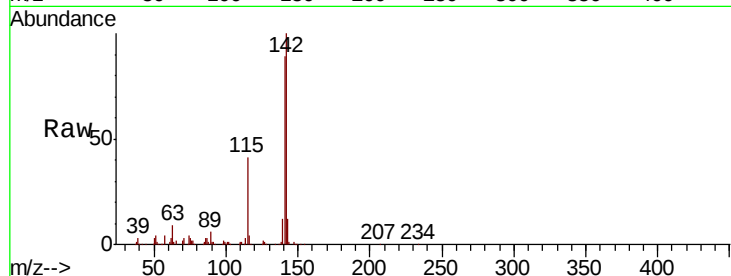
Tot Ion:142 Resp: 215096

Ion Ratio Lower Upper

142 100

141 89.3 71.2 106.8

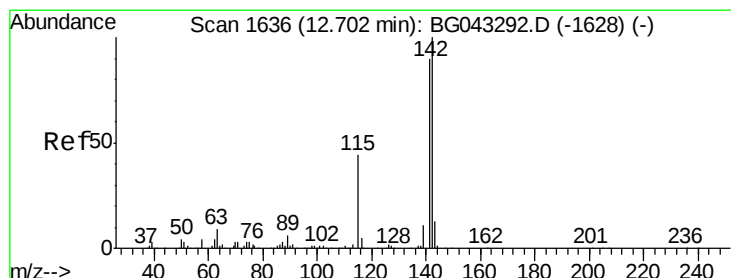
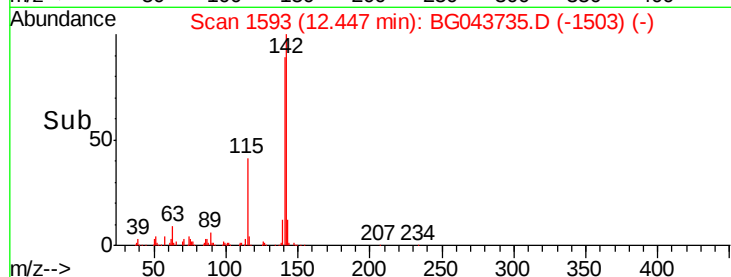
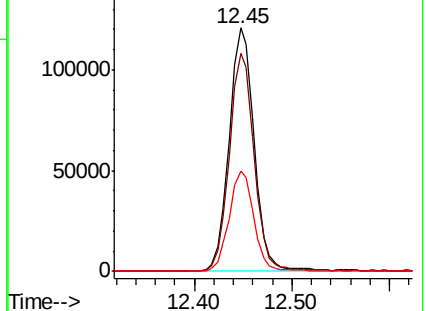
115 40.9 31.9 47.9



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: 47.118 ng

RT: 12.66 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

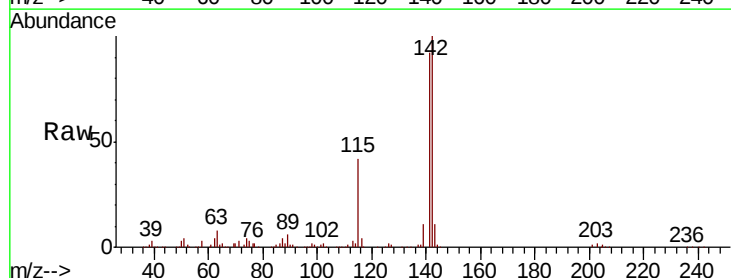
Tgt Ion:142 Resp: 206250

Ion Ratio Lower Upper

142 100

141 92.3 74.5 111.7

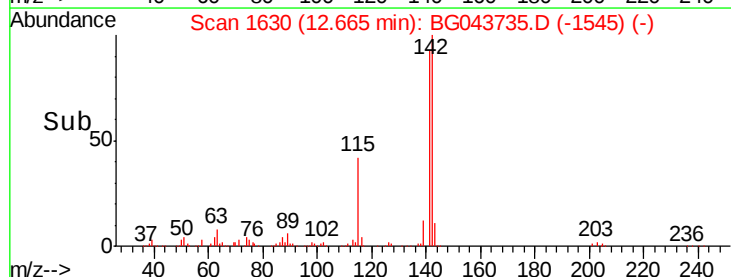
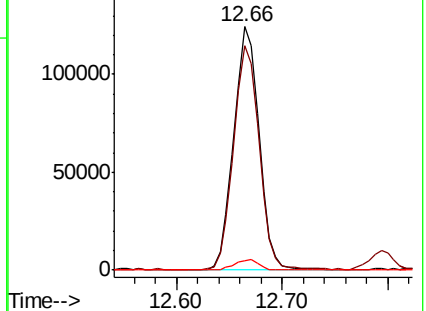
116 3.9 3.8 5.6

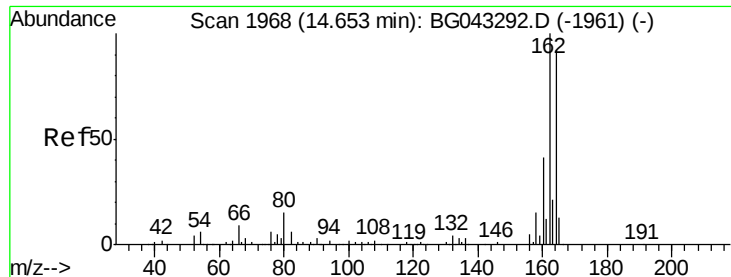


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.62 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Instrument :

BNA_G

ClientSampleId :

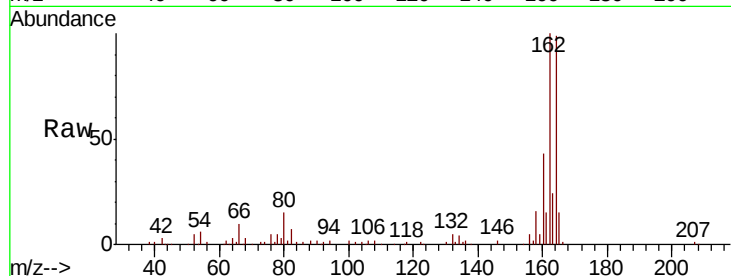
Tot Ion:164 Resp: 84257

Ion Ratio Lower Upper

164 100

162 101.1 79.4 119.2

160 43.5 36.3 54.5

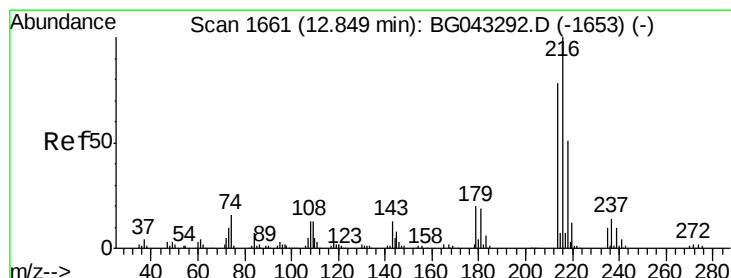
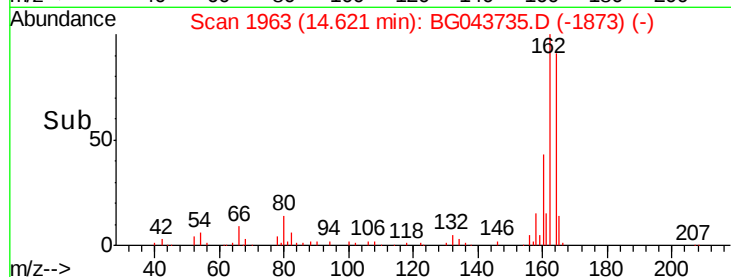
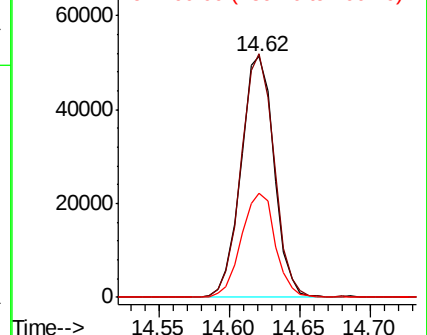


Abundance

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: 44.602 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Tgt Ion:216 Resp: 139079

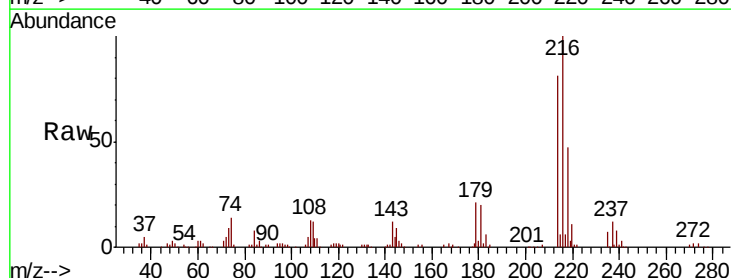
Ion Ratio Lower Upper

216 100

214 78.8 62.8 94.2

179 20.0 16.5 24.7

108 17.3 12.7 19.1



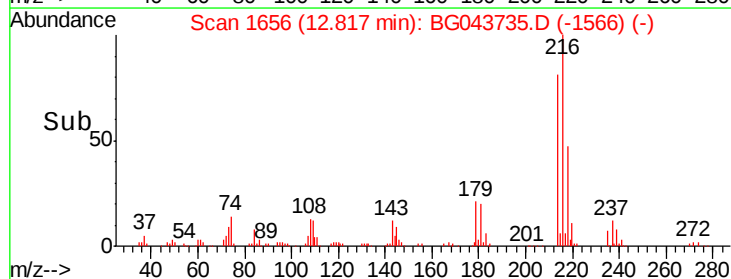
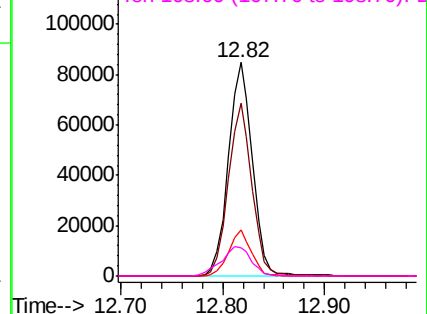
Abundance

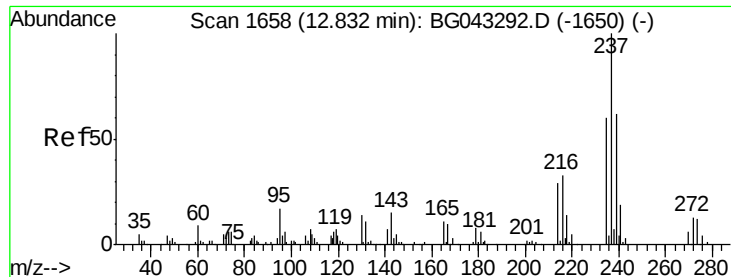
Ion 216.00 (215.70 to 216.70): E

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: 92.042 ng

RT: 12.79 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Instrument :

BNA_G

ClientSampleId :

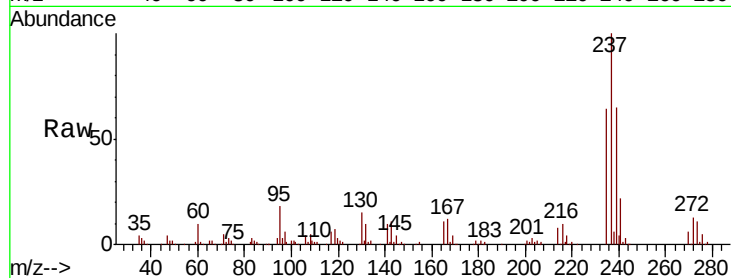
Tot Ion:237 Resp: 150767

Ion Ratio Lower Upper

237 100

235 64.1 42.2 82.2

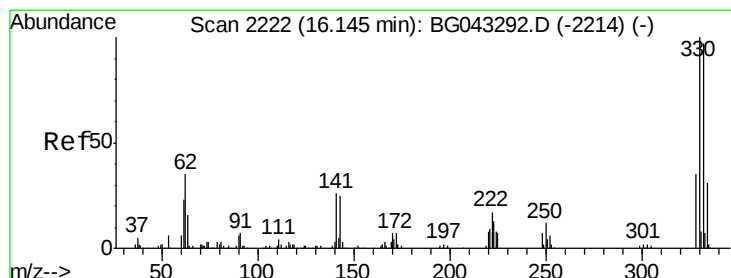
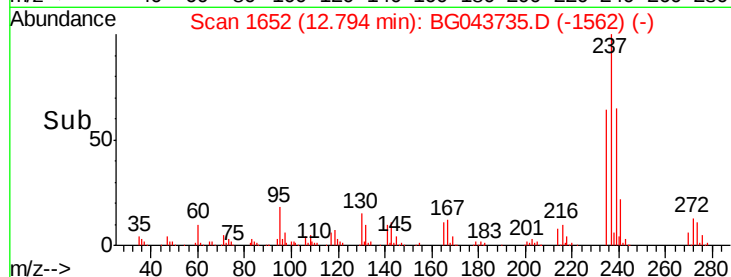
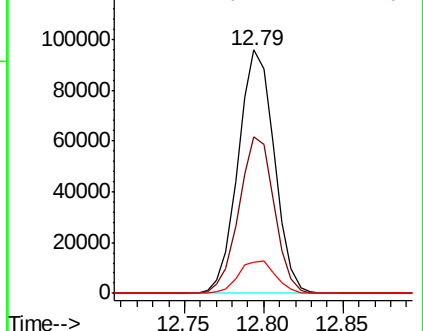
272 12.7 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 125.608 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

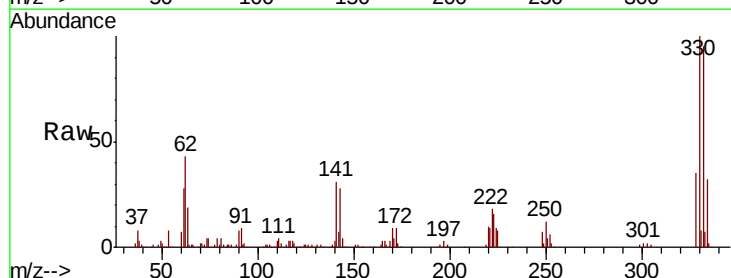
Tgt Ion:330 Resp: 201402

Ion Ratio Lower Upper

330 100

332 97.6 76.6 115.0

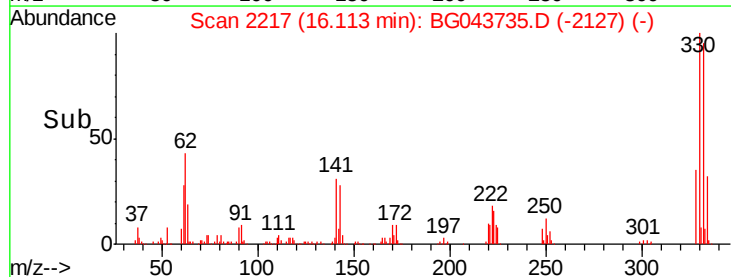
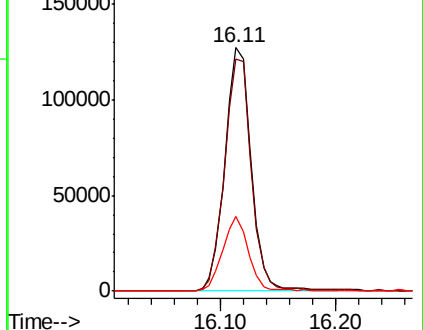
141 29.9 23.4 35.2

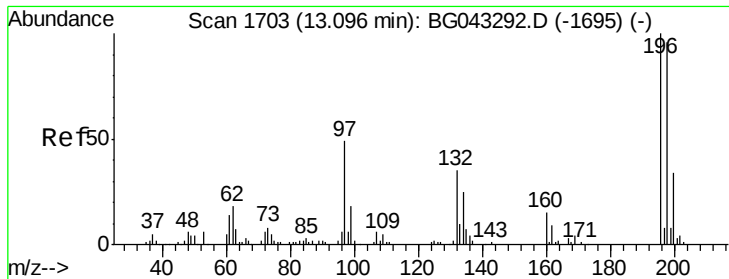


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

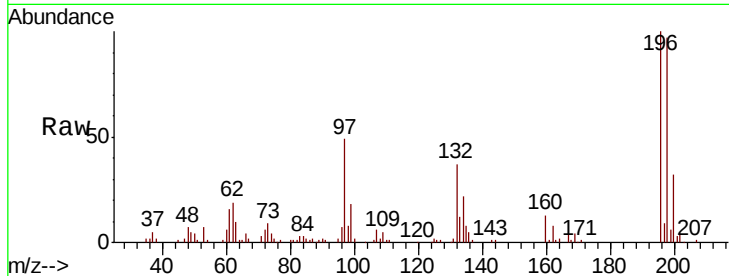




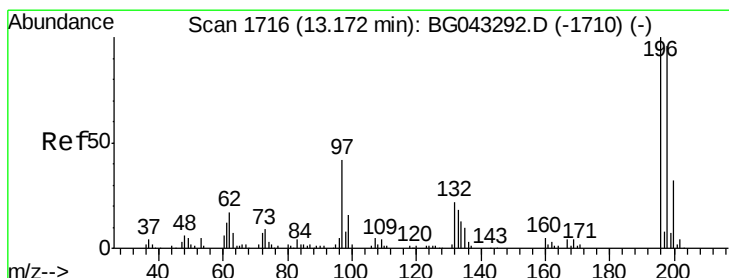
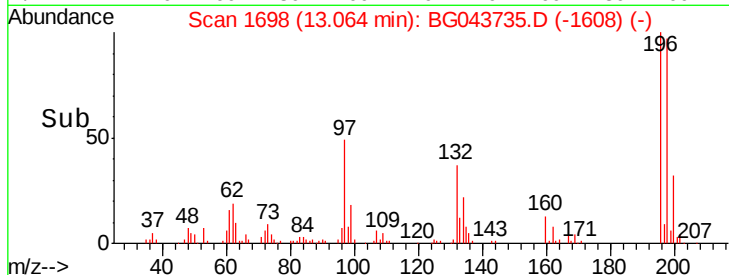
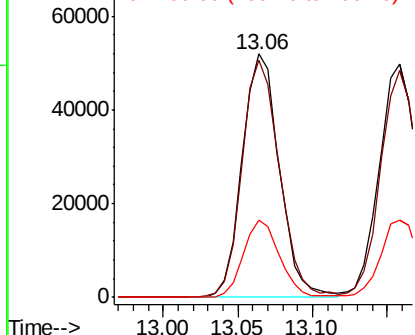
#43
 2,4,6-Trichlorophenol
 Concen: 48.806 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG043735.D
 Acq: 20 Nov 2019 19:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 89625
 Ion Ratio Lower Upper
 196 100
 198 97.3 81.3 121.9
 200 32.0 28.2 42.2



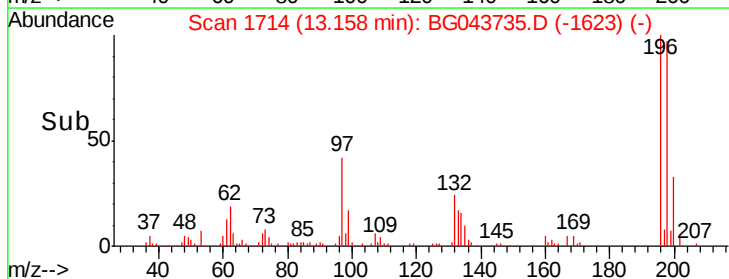
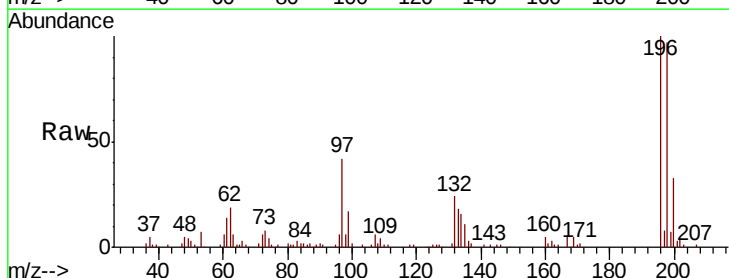
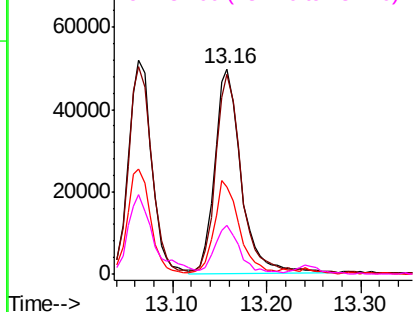
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

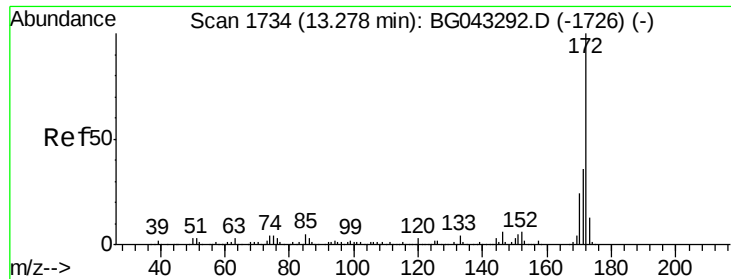


#44
 2,4,5-Trichlorophenol
 Concen: 52.346 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. 0.00 min
 Lab File: BG043735.D
 Acq: 20 Nov 2019 19:47

Tgt Ion:196 Resp: 97181
 Ion Ratio Lower Upper
 196 100
 198 97.2 77.4 116.2
 97 42.3 35.9 53.9
 132 23.6 20.0 30.0

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

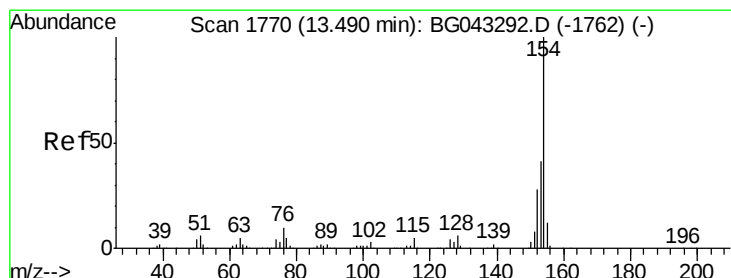
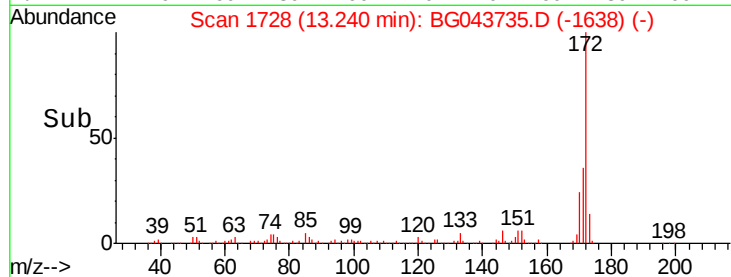
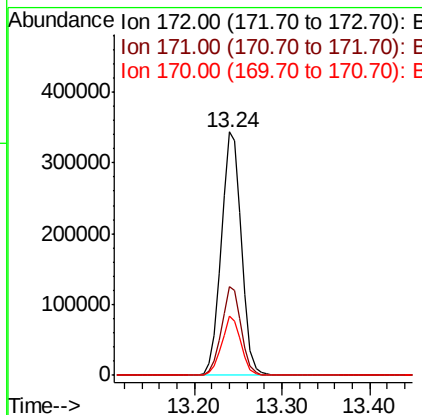
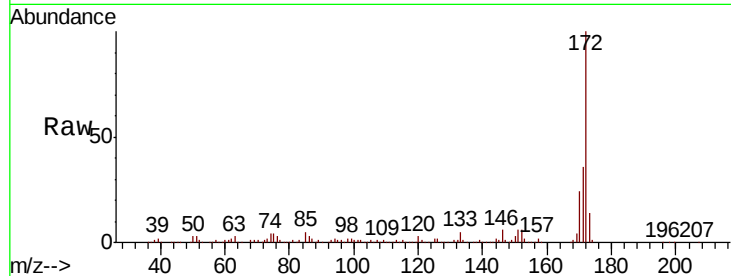




#45
 2-Fluorobiphenyl
 Concen: 89.825 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG043735.D
 Acq: 20 Nov 2019 19:47

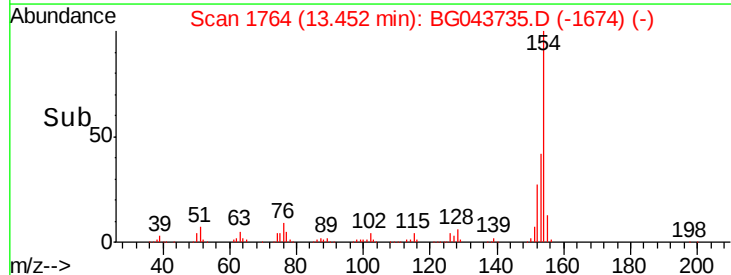
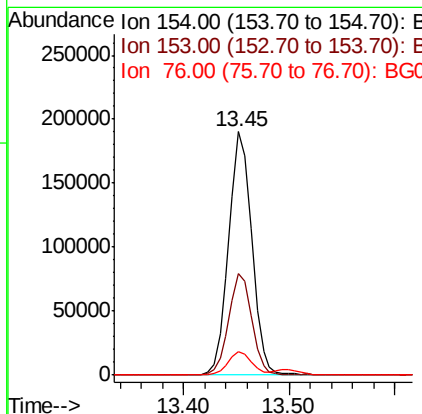
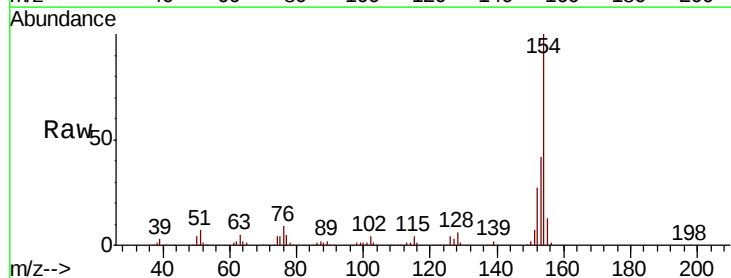
Instrument :
 BNA_G
 ClientSampleId :

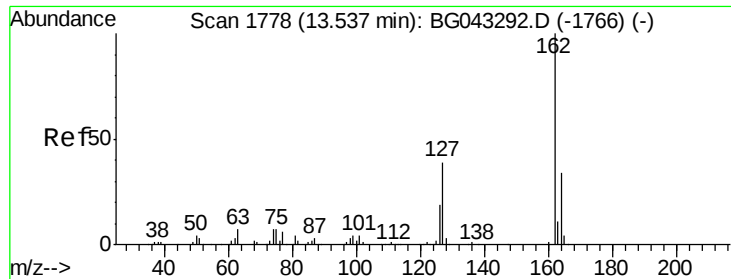
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.1	42.1
170	24.4	18.8	28.2



#46
 1,1'-Biphenyl
 Concen: 45.116 ng
 RT: 13.45 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: BG043735.D
 Acq: 20 Nov 2019 19:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	22.6	62.6
76	9.4	0.0	29.1

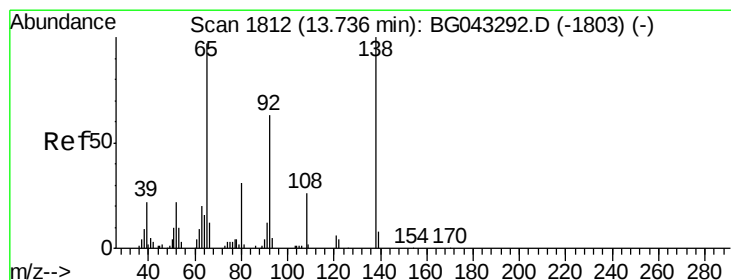
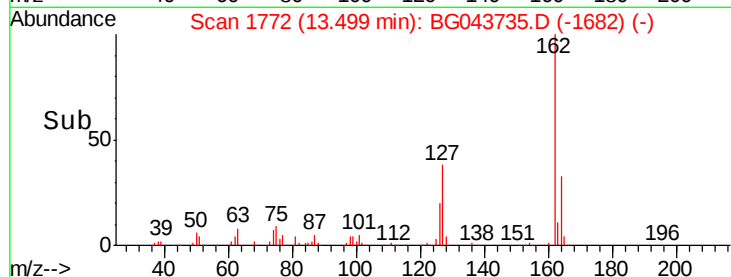
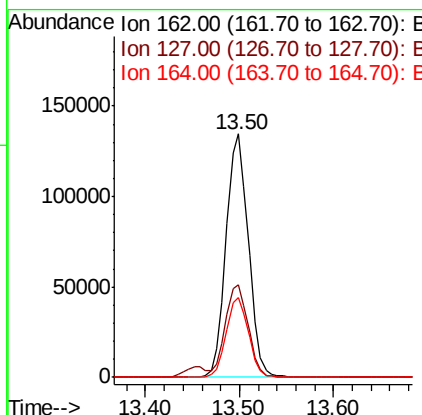
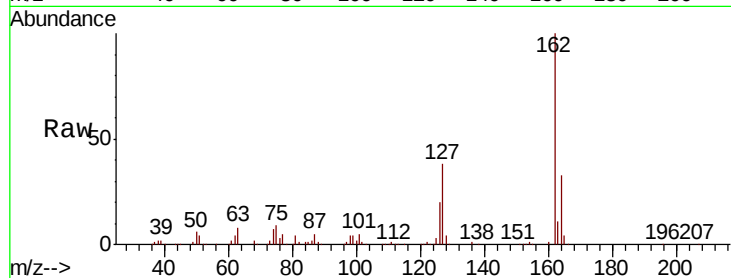




#47
 2-Chloronaphthalene
 Concen: 45.669 ng
 RT: 13.50 min Scan# 1772
 Delta R.T. -0.00 min
 Lab File: BG043735.D
 Acq: 20 Nov 2019 19:47

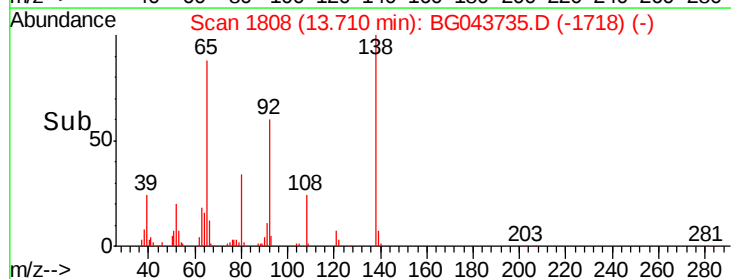
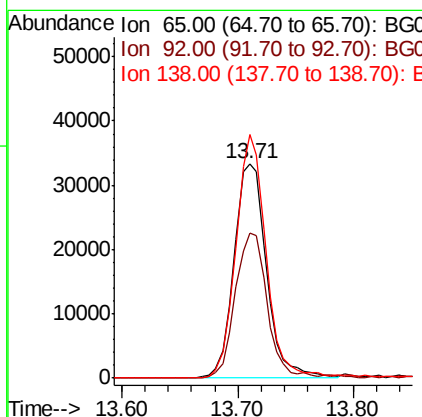
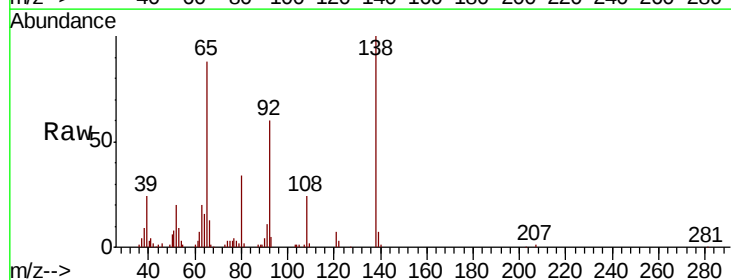
Instrument :
 BNA_G
 ClientSampleId :

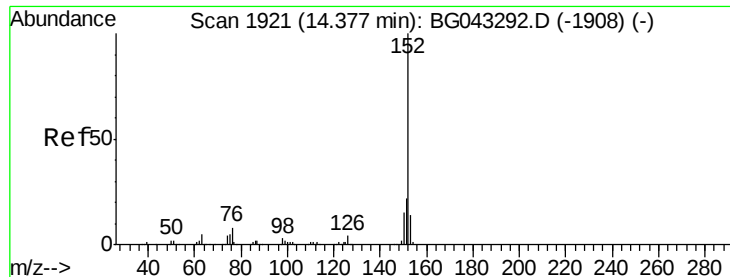
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.3	32.8	49.2
164	32.9	27.8	41.8



#48
 2-Nitroaniline
 Concen: 44.573 ng
 RT: 13.71 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: BG043735.D
 Acq: 20 Nov 2019 19:47

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.7	54.9	82.3
138	113.5	85.0	127.6





#49

Acenaphthylene

Concen: 47.749 ng

RT: 14.34 min Scan# 1916

Delta R.T. -0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Instrument :

BNA_G

ClientSampleId :

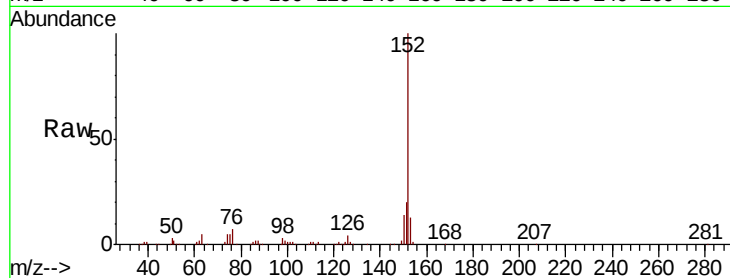
Tot Ion:152 Resp: 362433

Ion Ratio Lower Upper

152 100

151 19.8 16.1 24.1

153 13.1 11.0 16.4

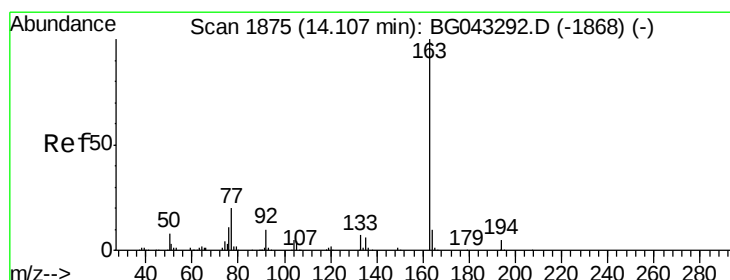
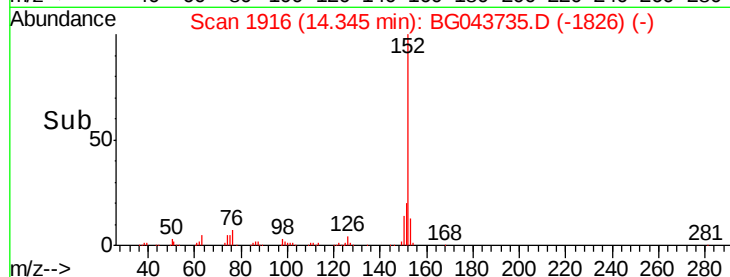
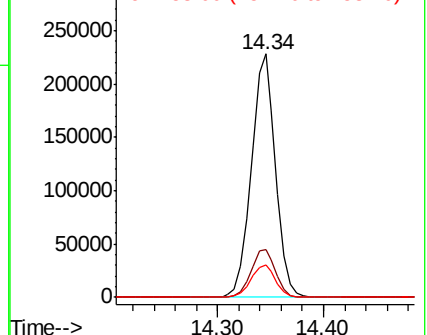


Abundance

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: 46.378 ng

RT: 14.07 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

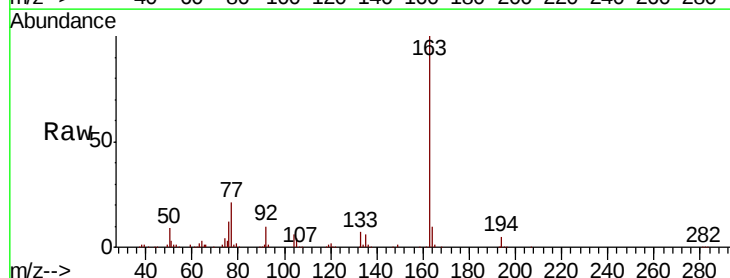
Tgt Ion:163 Resp: 302675

Ion Ratio Lower Upper

163 100

194 4.7 3.8 5.8

164 9.9 8.5 12.7

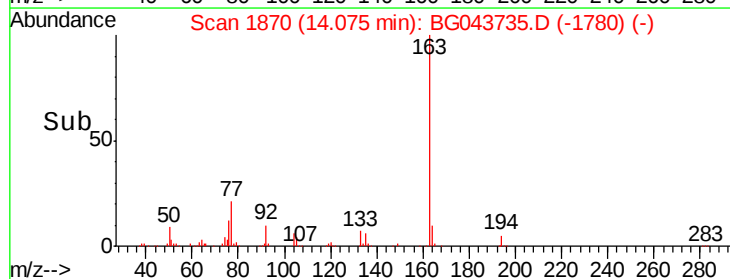
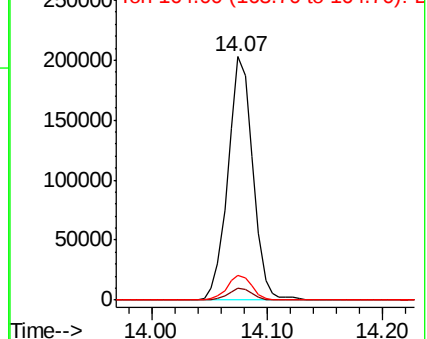


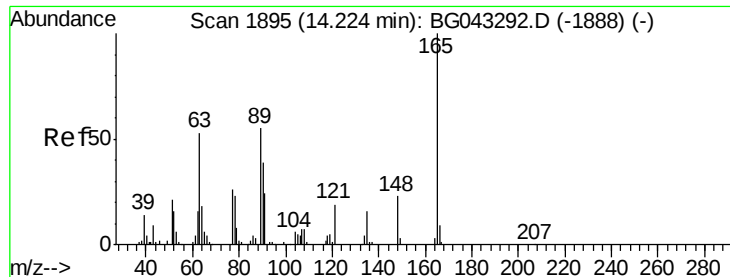
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

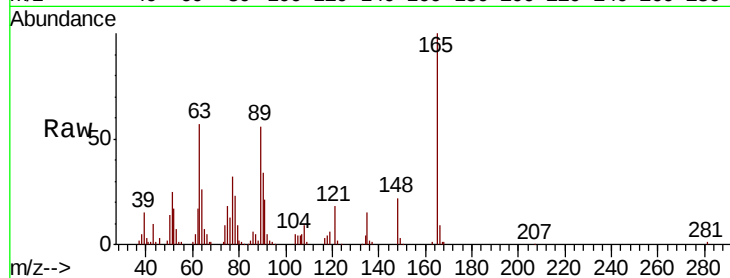




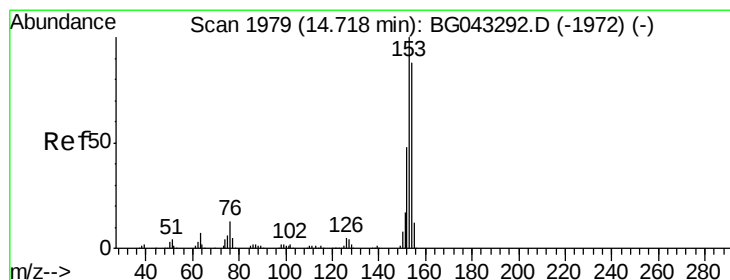
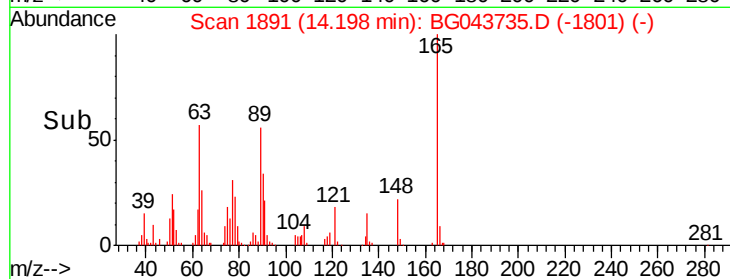
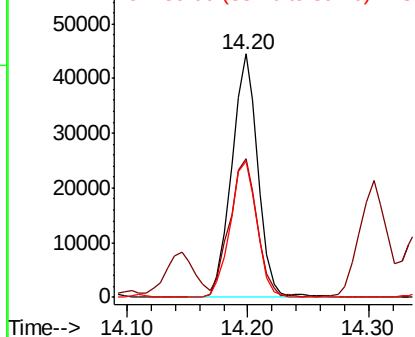
#51
 2,6-Dinitrotoluene
 Concen: 47.123 ng
 RT: 14.20 min Scan# 1891
 Delta R.T. -0.00 min
 Lab File: BG043735.D
 Acq: 20 Nov 2019 19:47

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 66812
 Ion Ratio Lower Upper
 165 100
 63 57.1 45.0 67.6
 89 55.7 39.8 59.8

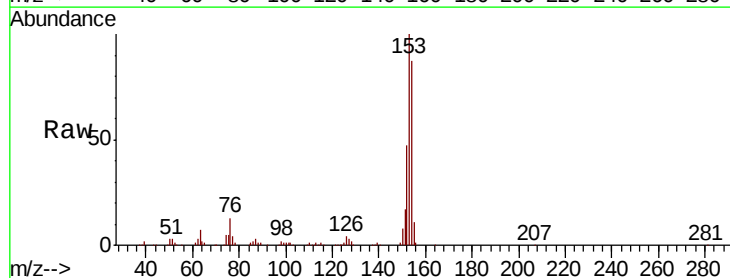


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

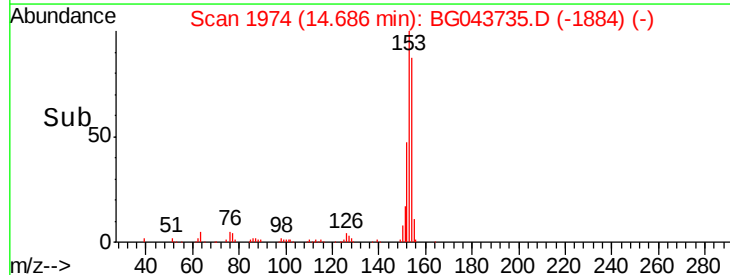
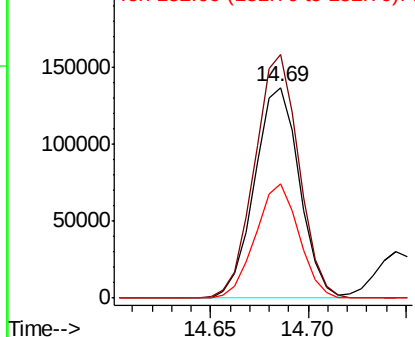


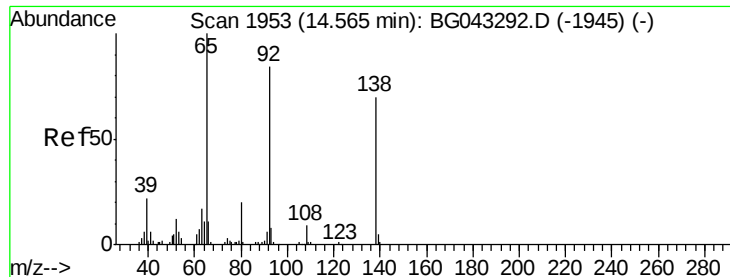
#52
 Acenaphthene
 Concen: 46.982 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.00 min
 Lab File: BG043735.D
 Acq: 20 Nov 2019 19:47

Tgt Ion:154 Resp: 217474
 Ion Ratio Lower Upper
 154 100
 153 115.5 89.2 133.8
 152 54.3 41.4 62.0



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

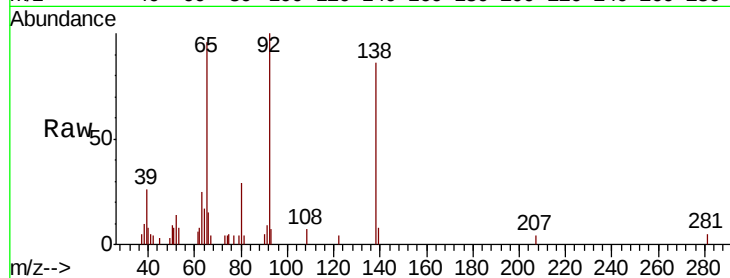




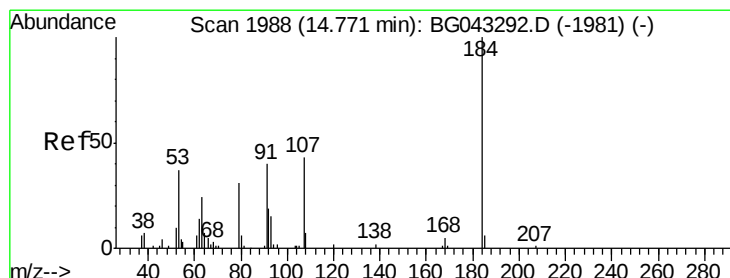
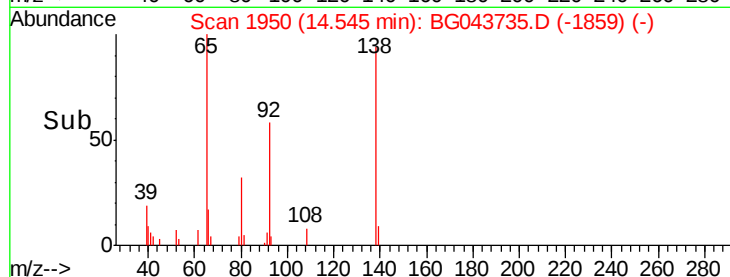
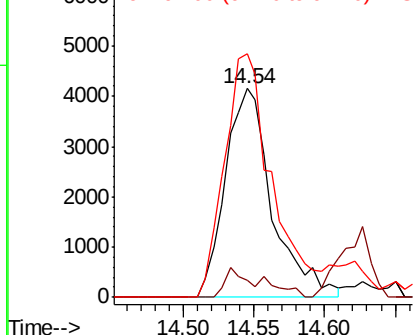
#53
3-Nitroaniline
Concen: 6.995 ng
RT: 14.54 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 9576
Ion Ratio Lower Upper
138 100
108 8.1 9.8 14.8#
92 116.6 88.1 132.1

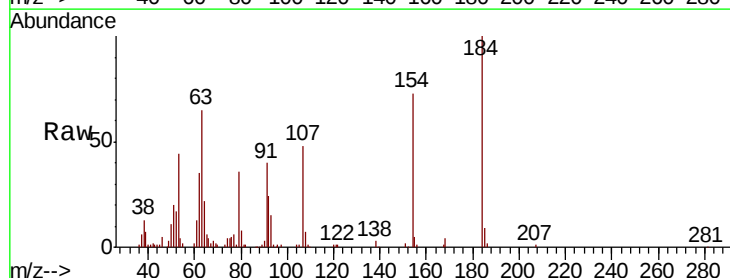


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

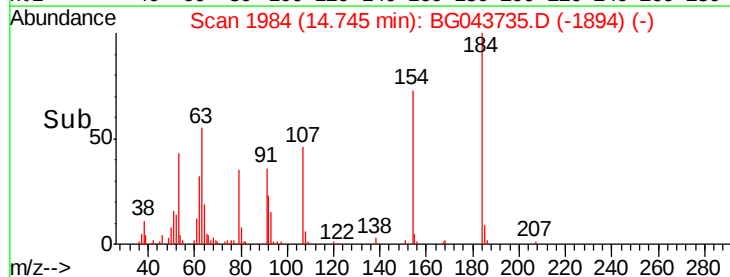
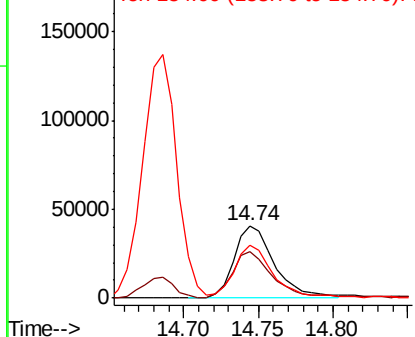


#54
2,4-Dinitrophenol
Concen: 85.991 ng
RT: 14.74 min Scan# 1984
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Tgt Ion:184 Resp: 76664
Ion Ratio Lower Upper
184 100
63 65.0 59.0 88.4
154 73.5 57.4 86.2



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

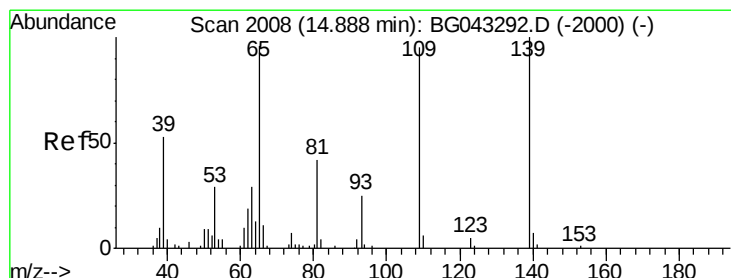
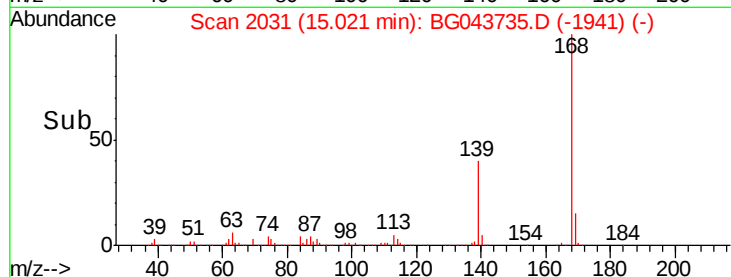
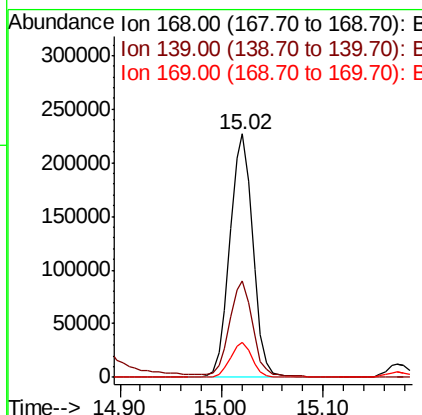
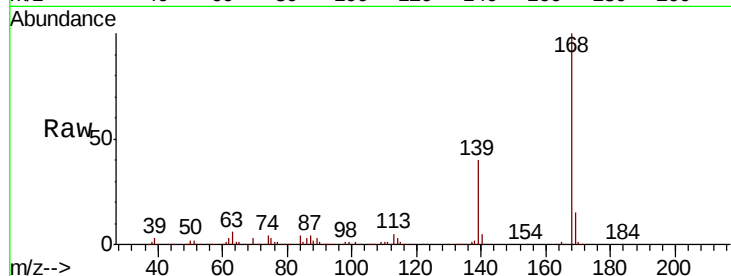




#55
 Dibenzofuran
 Concen: 47.575 ng
 RT: 15.02 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BG043735.D
 Acq: 20 Nov 2019 19:47

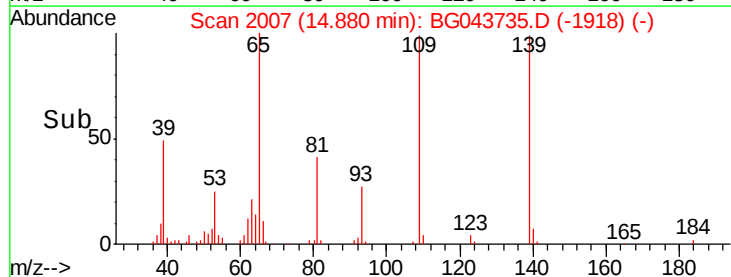
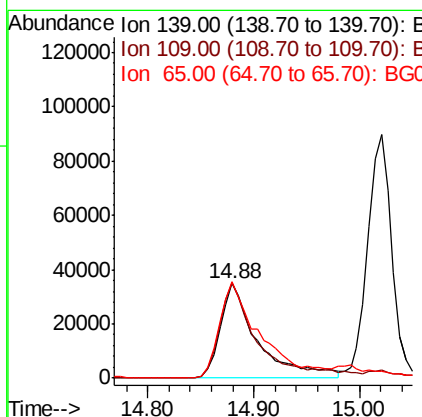
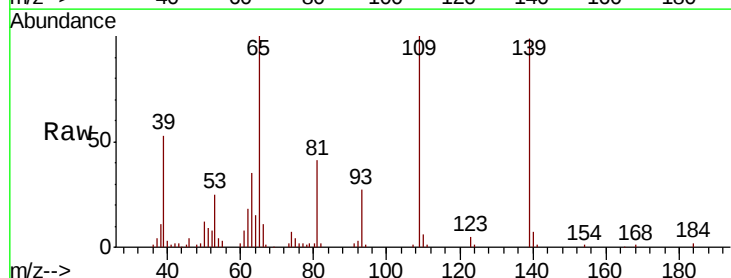
Instrument :
 BNA_G
 ClientSampled :

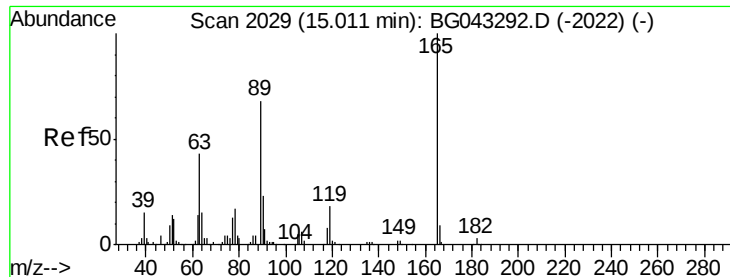
Tot Ion:168 Resp: 357120
 Ion Ratio Lower Upper
 168 100
 139 39.5 32.7 49.1
 169 14.6 10.6 15.8



#56
 4-Nitrophenol
 Concen: 92.547 ng
 RT: 14.88 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BG043735.D
 Acq: 20 Nov 2019 19:47

Tgt Ion:139 Resp: 84896
 Ion Ratio Lower Upper
 139 100
 109 101.0 64.0 104.0
 65 101.3 75.6 115.6

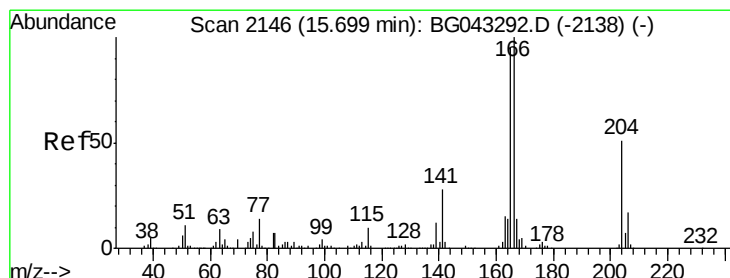
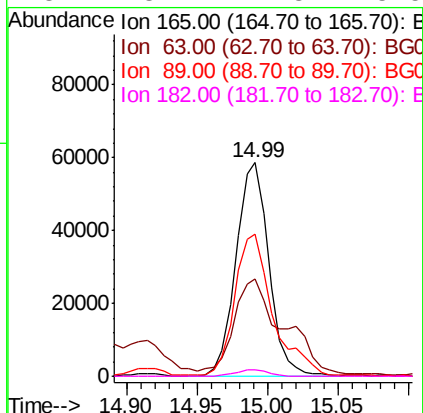
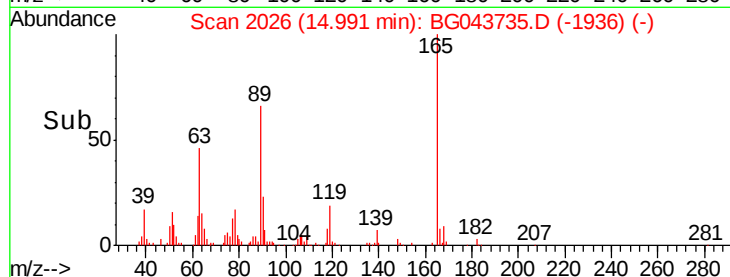
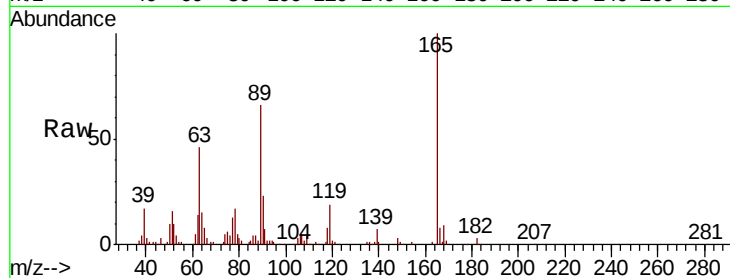




#57
2,4-Dinitrotoluene
Concen: 47.126 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

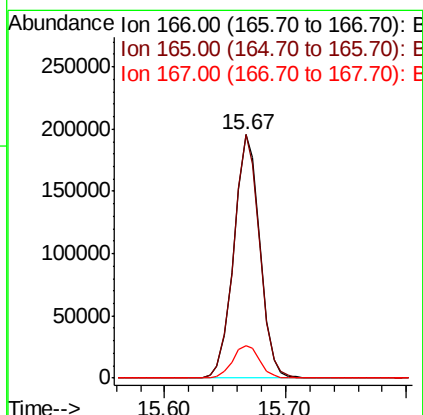
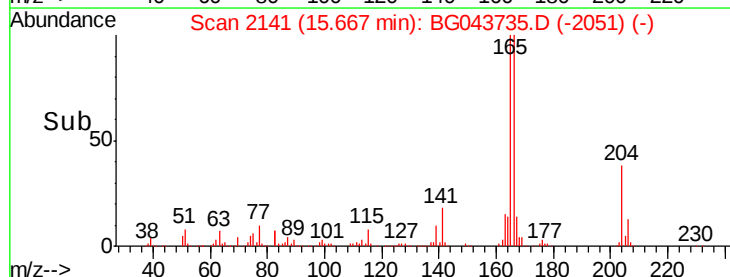
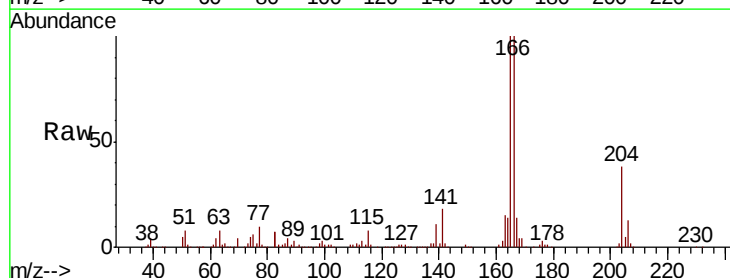
Instrument :
BNA_G
ClientSampleId :

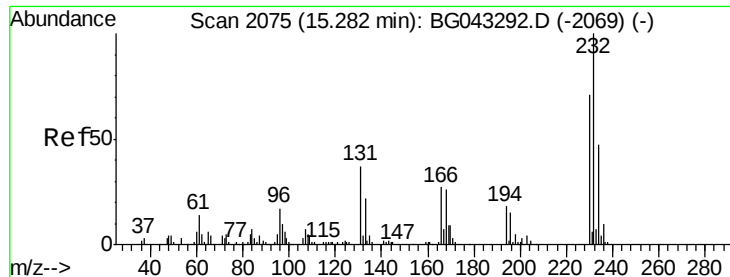
Tot Ion:165 Resp: 95488
Ion Ratio Lower Upper
165 100
63 45.6 37.4 56.0
89 66.5 50.9 76.3
182 3.2 2.3 3.5



#58
Fluorene
Concen: 46.688 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Tgt Ion:166 Resp: 293939
Ion Ratio Lower Upper
166 100
165 99.8 78.4 117.6
167 13.5 11.2 16.8

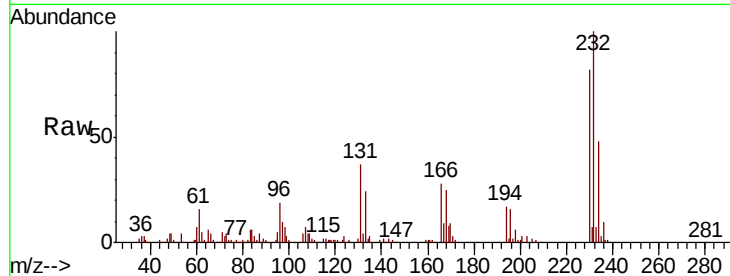




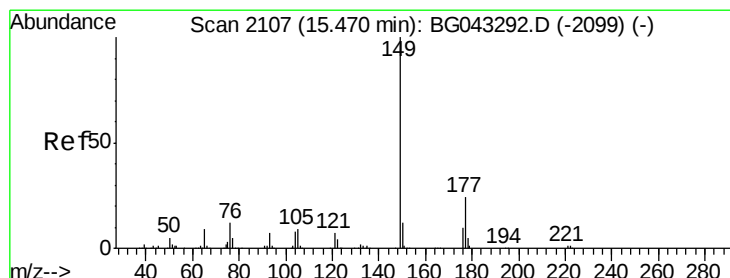
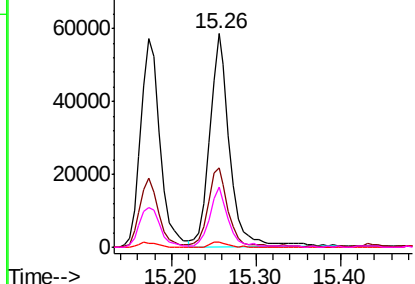
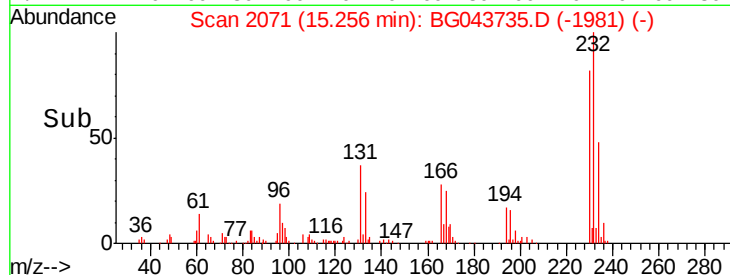
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.571 ng
 RT: 15.26 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: BG043735.D
 Acq: 20 Nov 2019 19:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	97777	
Ion Ratio	Lower	Upper	
232 100			
131 36.1	29.6	44.4	
130 2.0	1.4	2.0	
166 25.6	21.2	31.8	

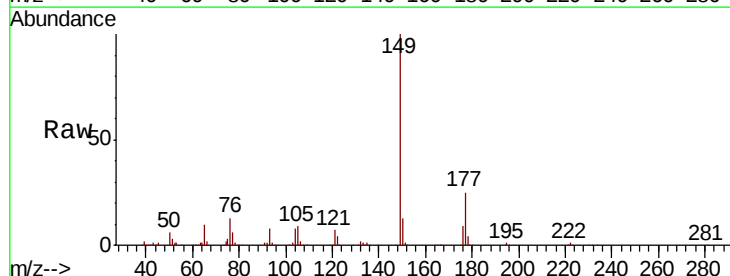


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

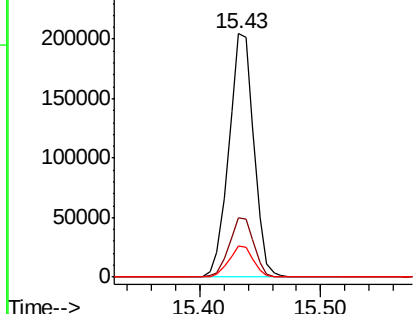
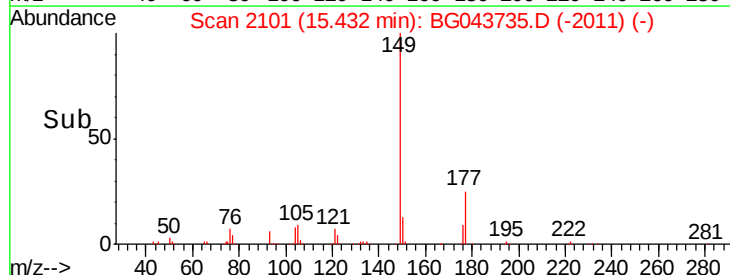


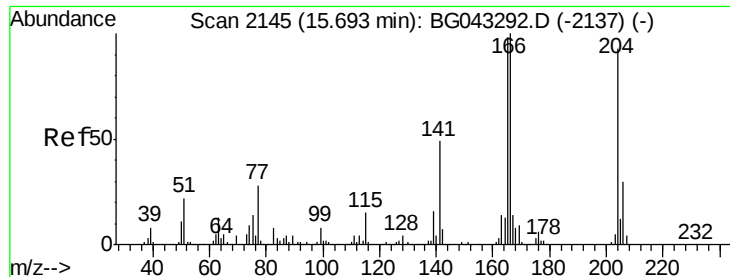
#60
 Diethylphthalate
 Concen: 44.788 ng
 RT: 15.43 min Scan# 2101
 Delta R.T. -0.00 min
 Lab File: BG043735.D
 Acq: 20 Nov 2019 19:47

Tgt Ion	149	Resp: Lower	293695 Upper
	Ratio		
149	100		
177	24.6	19.3	28.9
150	12.8	10.5	15.7



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

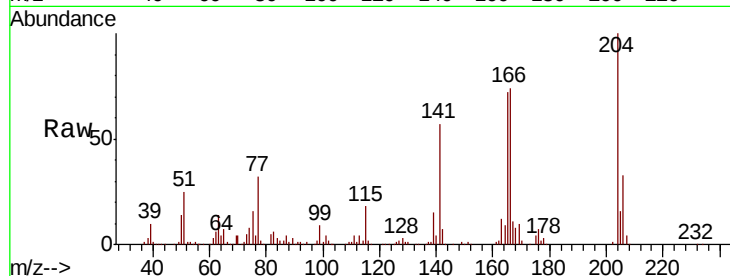




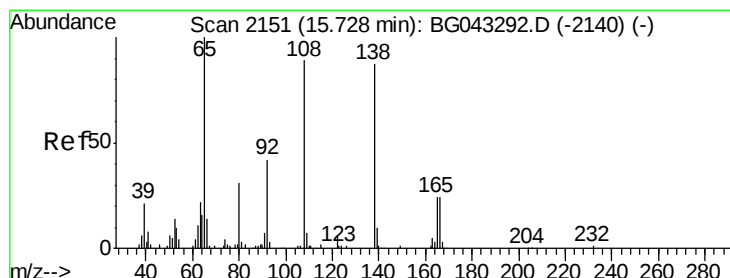
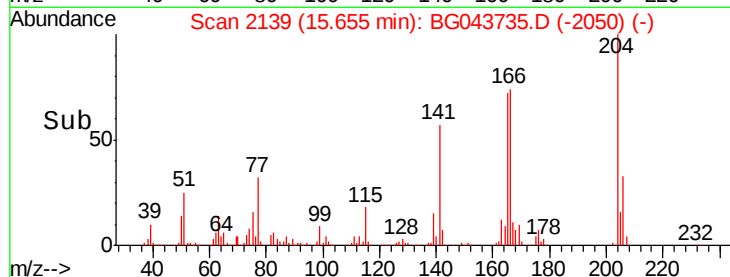
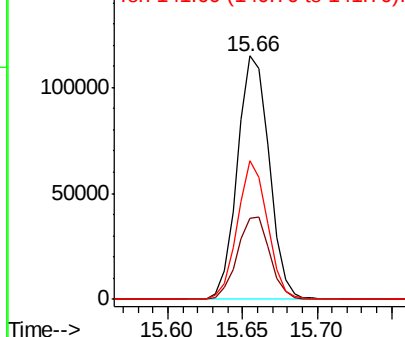
#61
4-Chlorophenyl-phenylether
Concen: 46.412 ng
RT: 15.66 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 170464
Ion Ratio Lower Upper
204 100
206 33.5 28.2 42.4
141 57.0 44.5 66.7

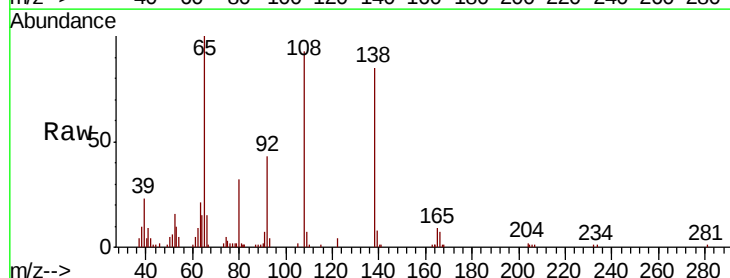


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

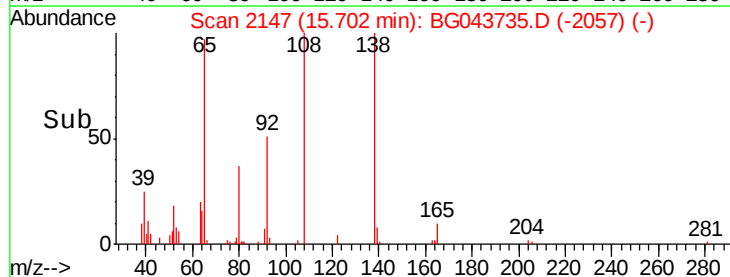
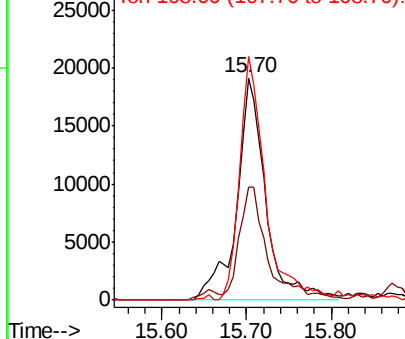


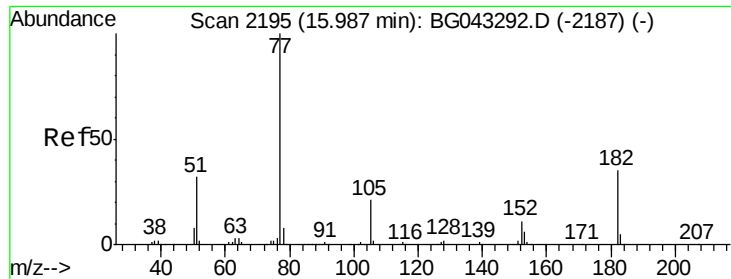
#62
4-Nitroaniline
Concen: 32.127 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Tgt Ion:138 Resp: 45418
Ion Ratio Lower Upper
138 100
92 50.9 31.0 71.0
108 109.6 85.0 125.0



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

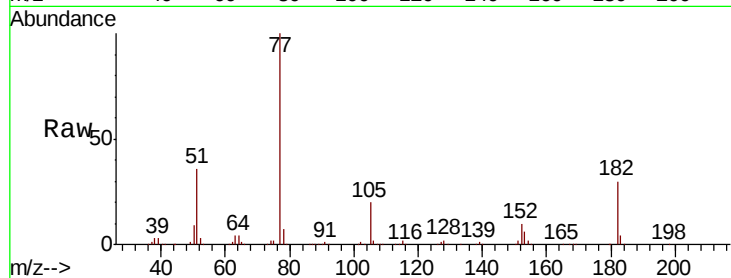




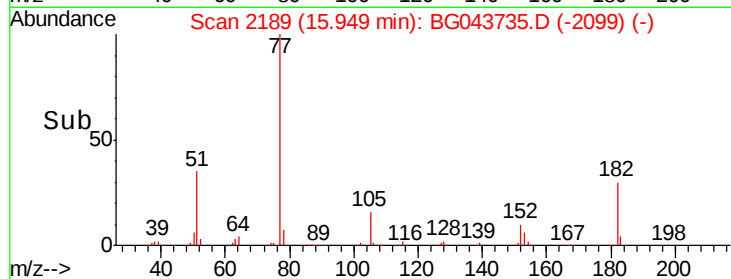
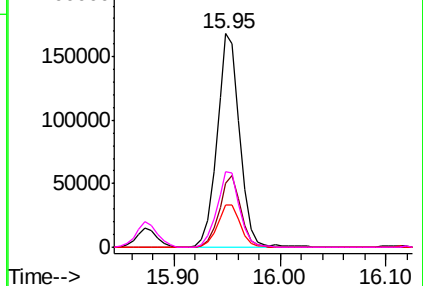
#63
Azobenzene
Concen: 46.531 ng
RT: 15.95 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Instrument :
BNA_G
ClientSampled :

Tot Ion:	77	Resp:	246948
Ion	Ratio	Lower	Upper
77	100		
182	29.8	11.2	51.2
105	19.6	1.5	41.5
51	35.6	14.7	54.7

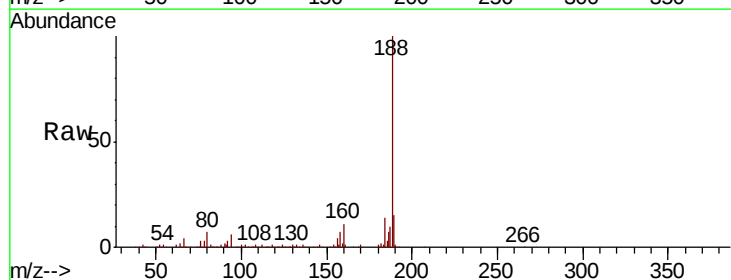


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

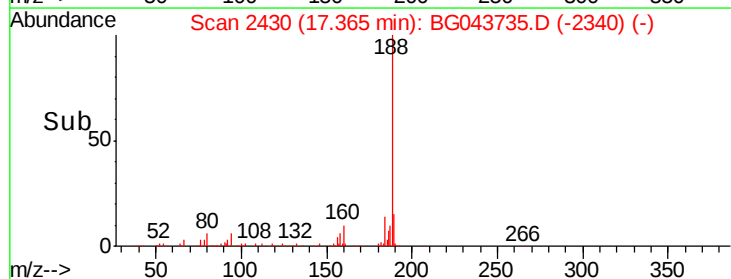
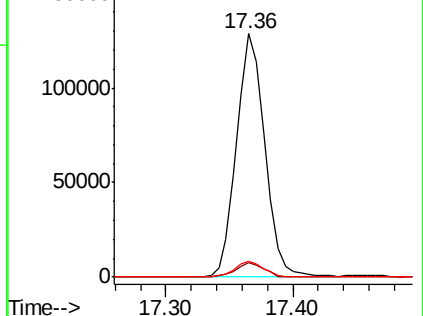


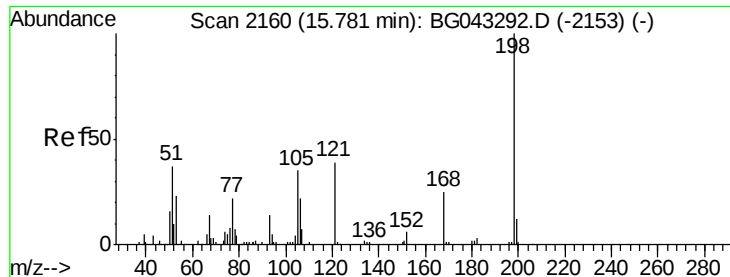
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Tgt Ion:	188	Resp:	199472
Ion	Ratio	Lower	Upper
188	100		
94	6.1	4.6	7.0
80	6.7	5.2	7.8



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: 51.587 ng

RT: 15.76 min Scan# 2156

Delta R.T. -0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Instrument :

BNA_G

ClientSampled :

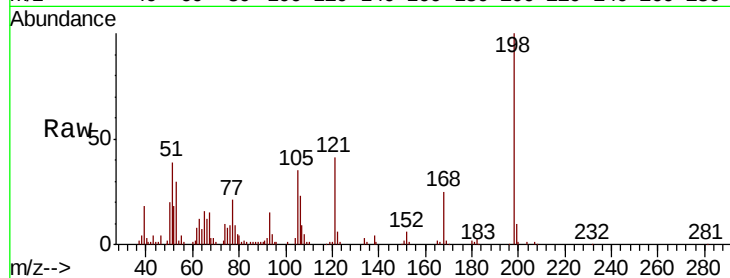
Tot Ion:198 Resp: 60558

Ion Ratio Lower Upper

198 100

51 38.7 17.3 57.3

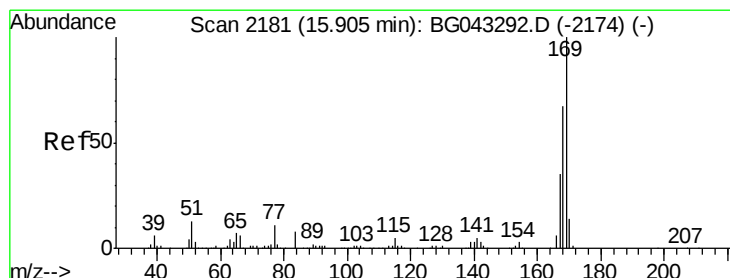
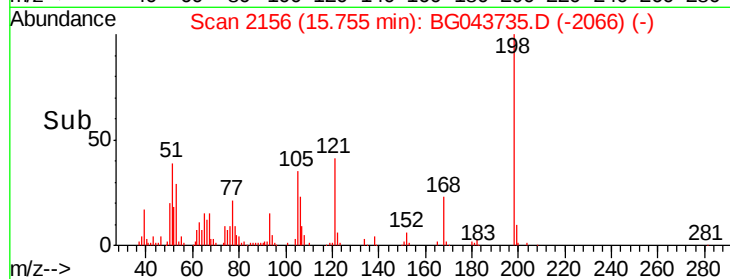
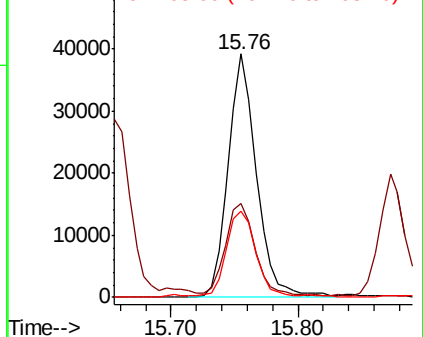
105 35.3 13.9 53.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 34.854 ng

RT: 15.88 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

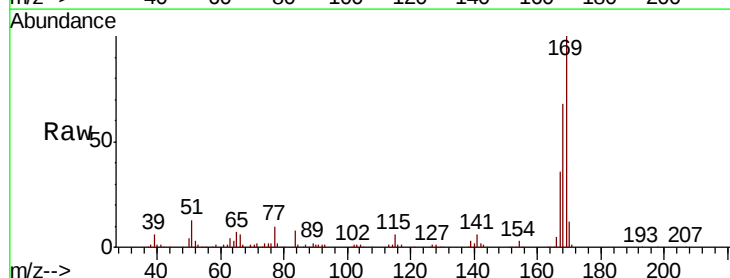
Tgt Ion:169 Resp: 196283

Ion Ratio Lower Upper

169 100

168 67.9 56.2 84.4

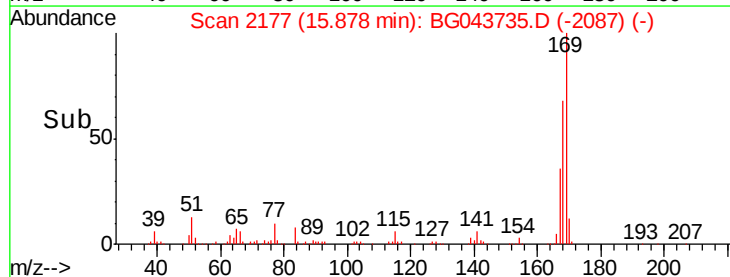
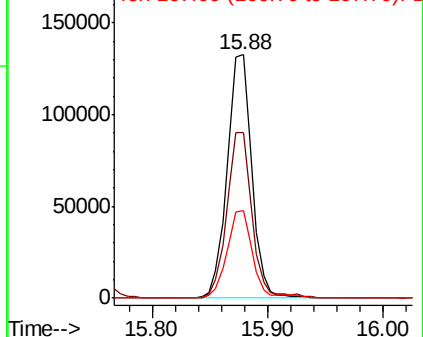
167 36.0 29.8 44.8



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

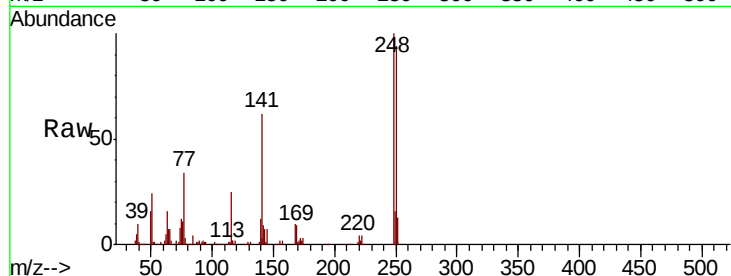




#67
4-Bromophenyl-phenylether
Concen: 44.429 ng
RT: 16.55 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.5	76.3	114.5
141	61.8	49.5	74.3

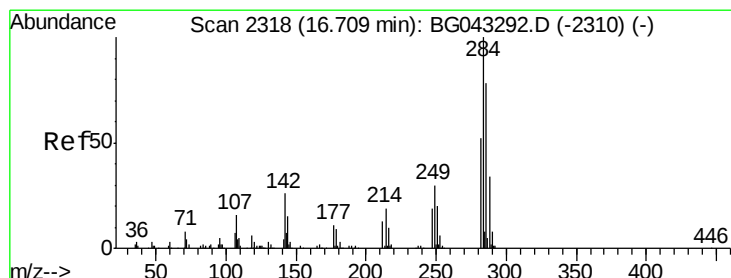
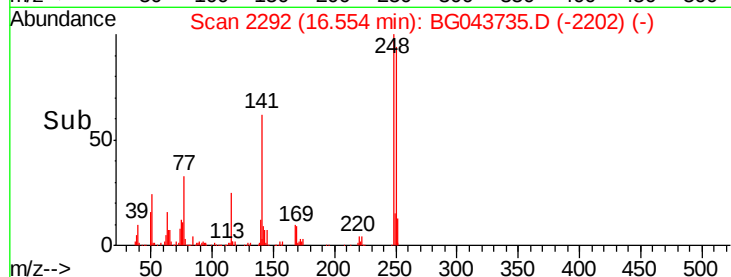
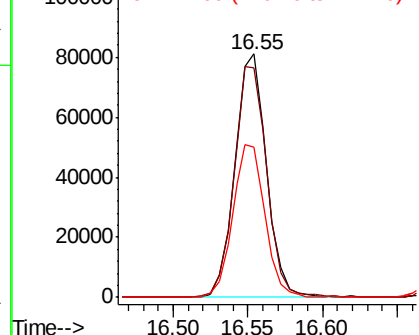


Abundance

Ion 248.00 (247.70 to 248.70): E

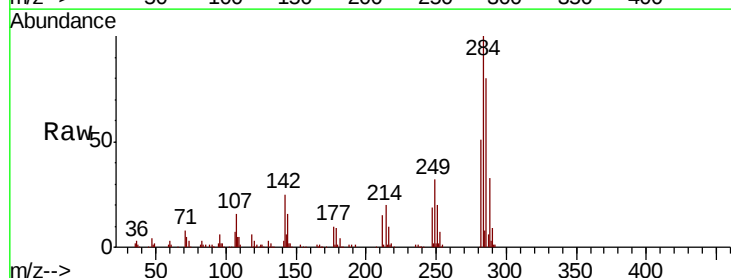
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 43.129 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.2	23.2	34.8
249	32.4	27.0	40.4

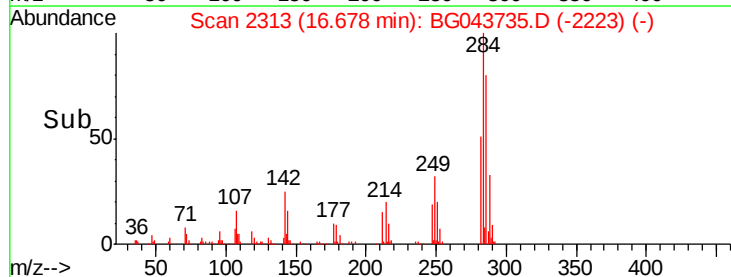
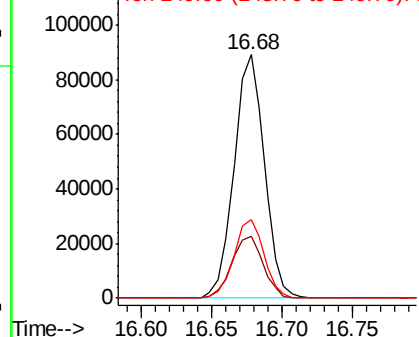


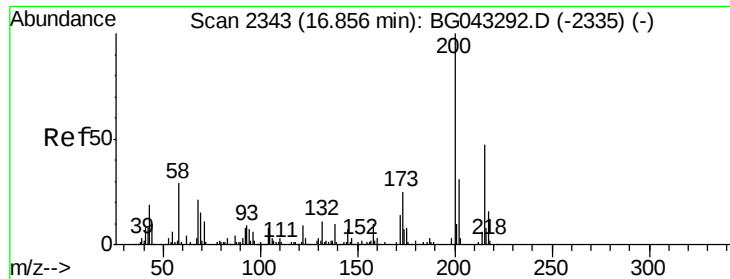
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

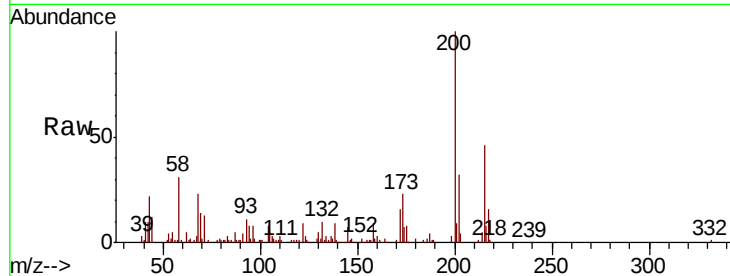




#69
Atrazine
Concen: 33.664 ng
RT: 16.82 min Scan# 2338
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.9	5.1	45.1
215	46.4	29.8	69.8

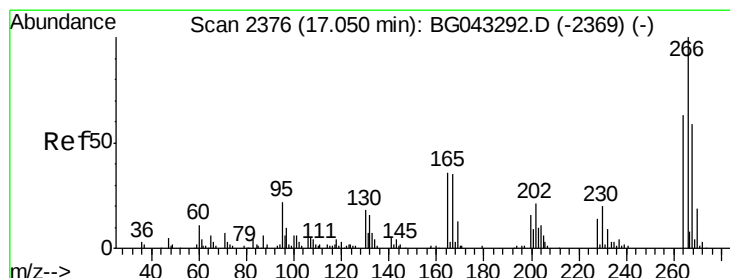
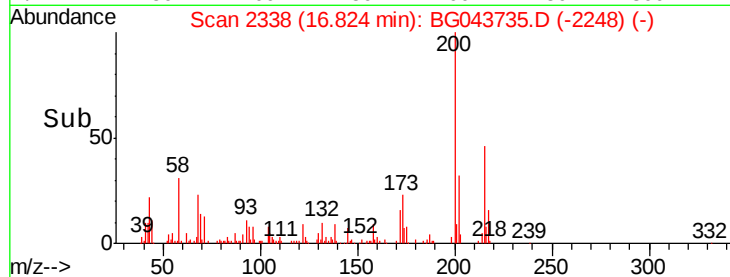
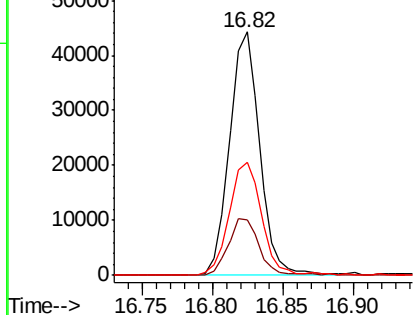


Abundance

Ion 200.00 (199.70 to 200.70): E

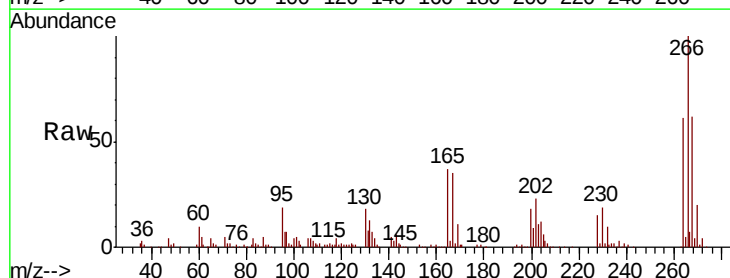
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 96.990 ng
RT: 17.03 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.6	53.2	79.8
264	61.2	48.9	73.3

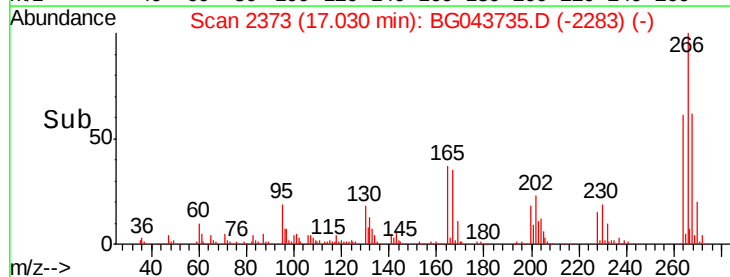
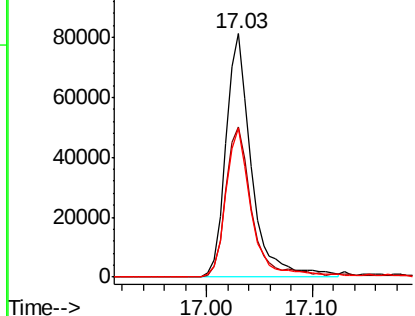


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

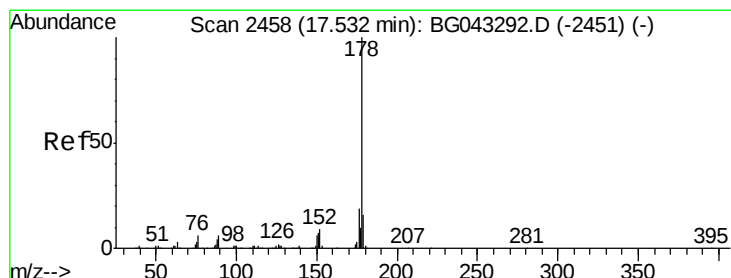
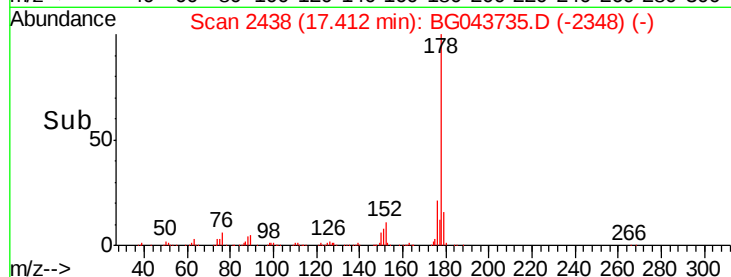
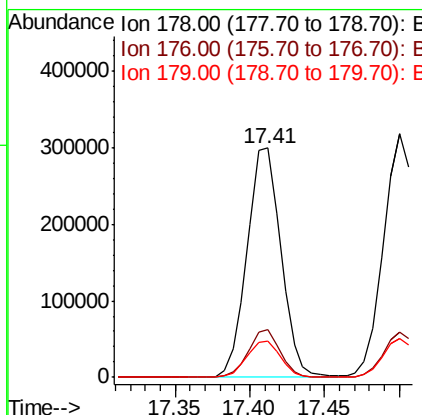
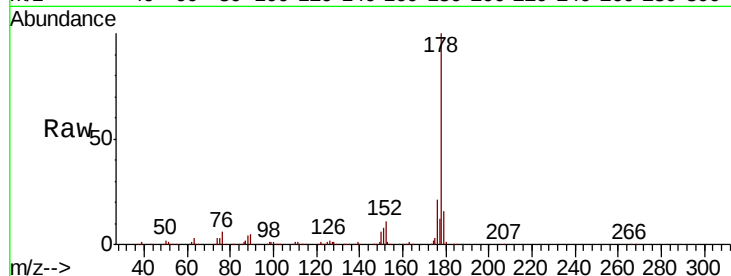




#71
Phenanthrene
Concen: 46.199 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

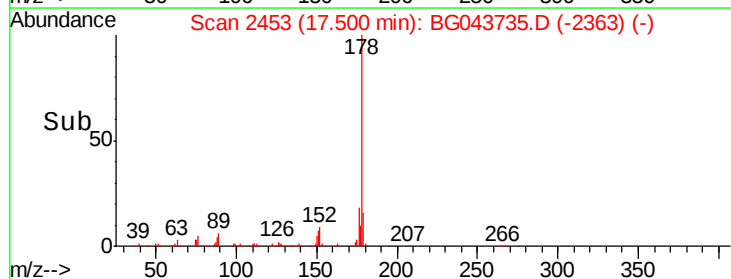
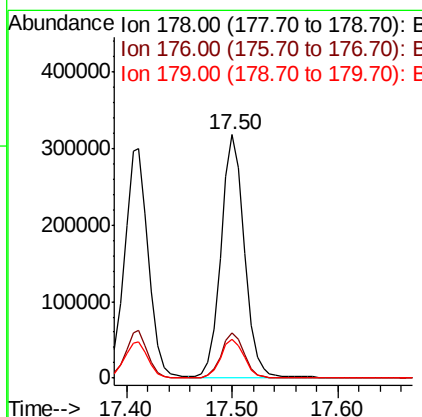
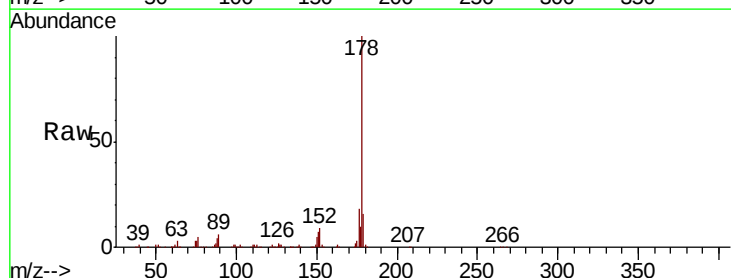
Instrument :
BNA_G
ClientSampleId :

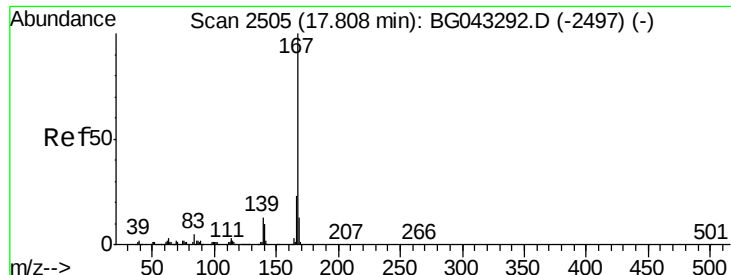
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.0	22.4
179	15.8	13.0	19.4



#72
Anthracene
Concen: 48.073 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.6
179	16.0	13.3	19.9

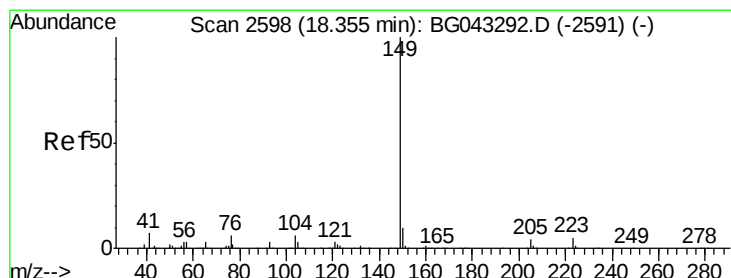
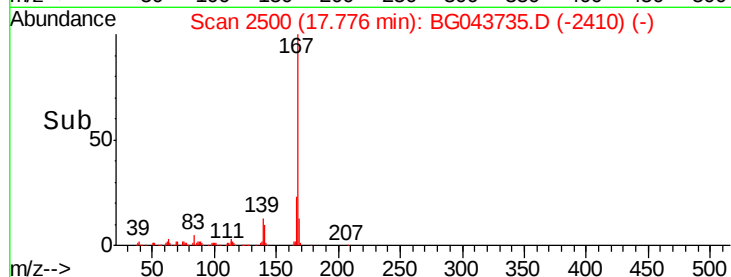
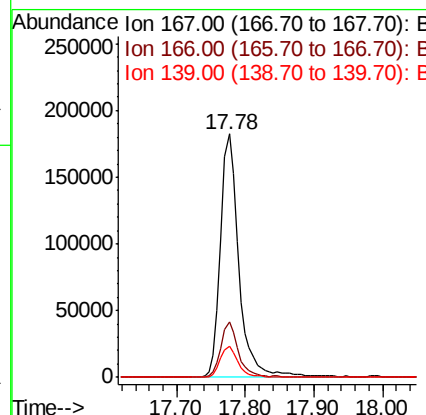
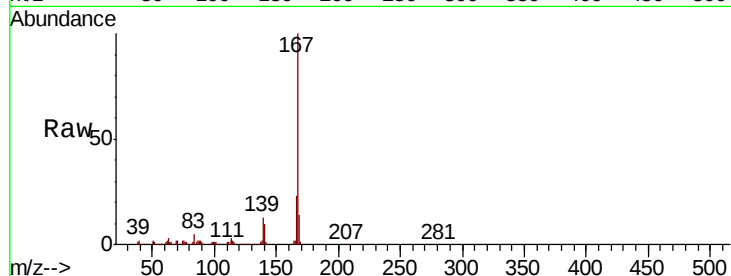




#73
 Carbazole
 Concen: 36.717 ng
 RT: 17.78 min Scan# 2500
 Delta R.T. -0.00 min
 Lab File: BG043735.D
 Acq: 20 Nov 2019 19:47

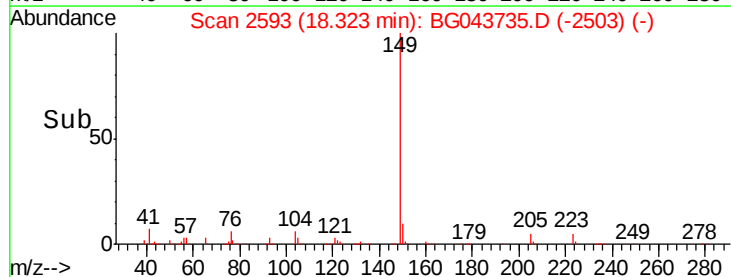
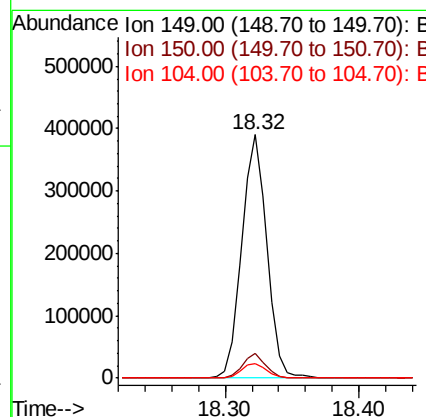
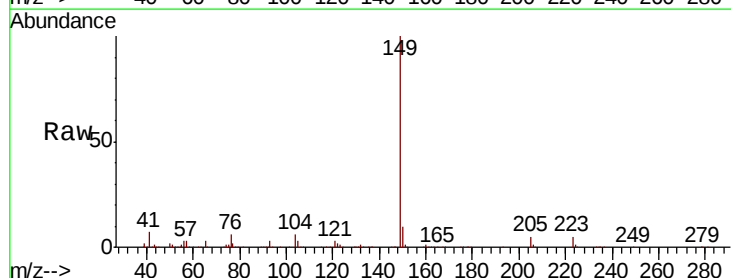
Instrument :
 BNA_G
 ClientSampleId :

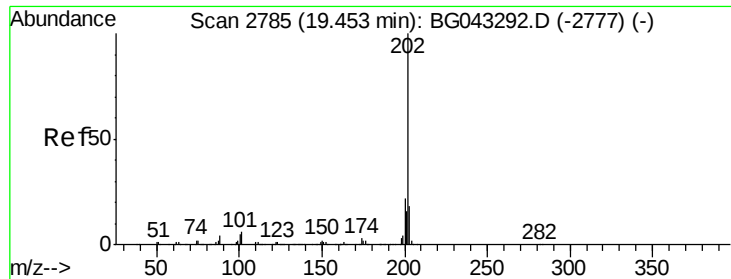
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.6	26.4
139	13.0	10.3	15.5



#74
 Di-n-butylphthalate
 Concen: 45.173 ng
 RT: 18.32 min Scan# 2593
 Delta R.T. -0.00 min
 Lab File: BG043735.D
 Acq: 20 Nov 2019 19:47

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.6	11.4
104	5.9	4.7	7.1





#75

Fluoranthene

Concen: 46.734 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Instrument :

BNA_G

ClientSampled :

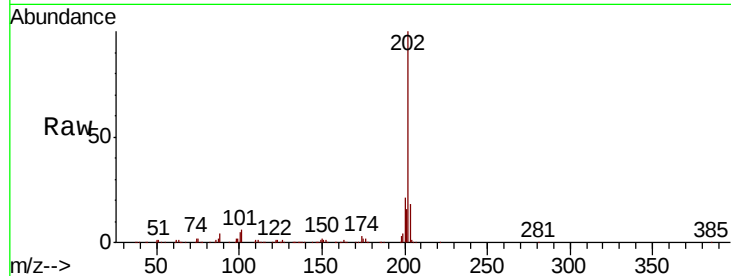
Tot Ion:202 Resp: 622338

Ion Ratio Lower Upper

202 100

101 6.3 0.0 25.6

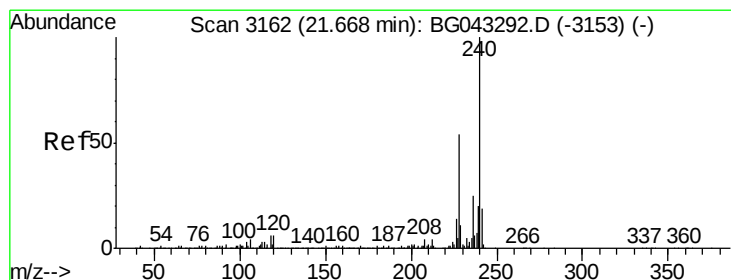
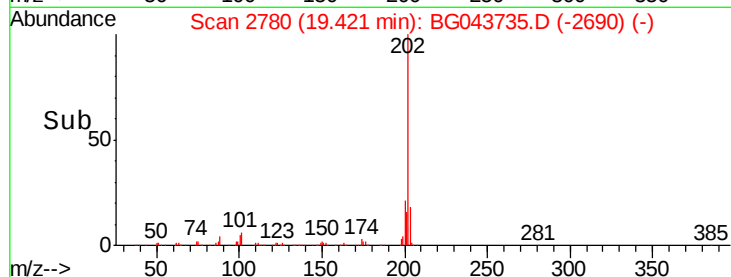
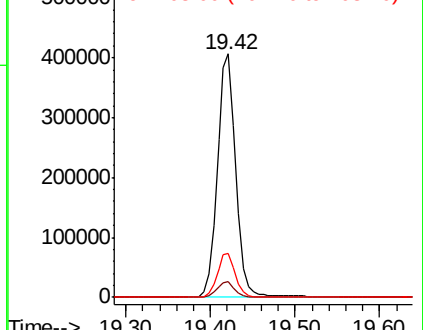
203 17.8 0.0 37.6



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: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

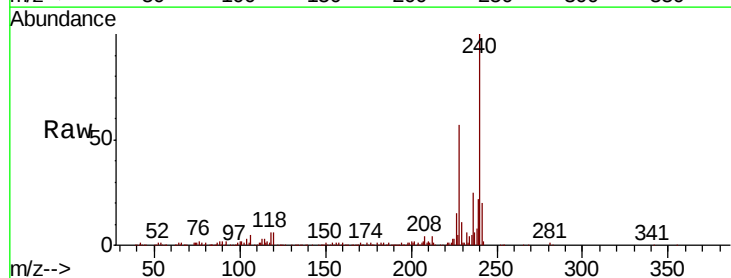
Tgt Ion:240 Resp: 214081

Ion Ratio Lower Upper

240 100

120 6.3 4.9 7.3

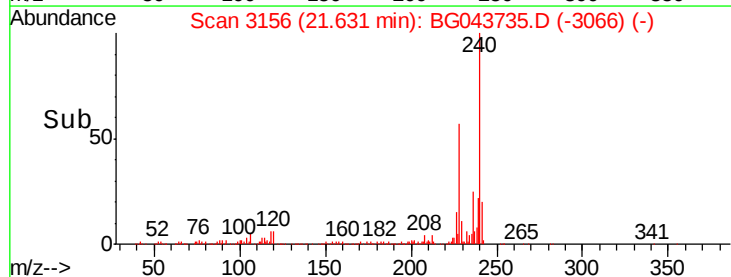
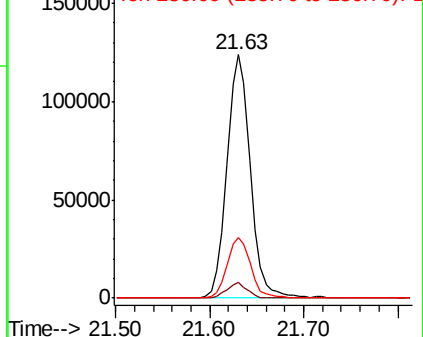
236 24.9 21.4 32.0

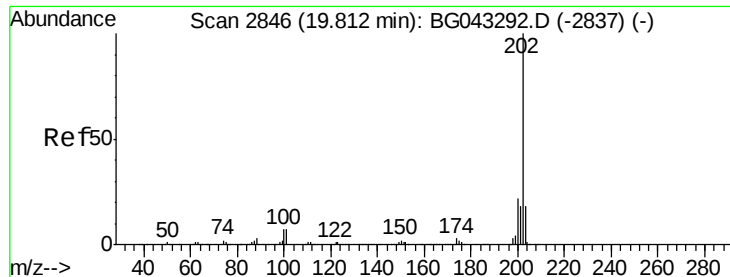


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 47.901 ng

RT: 19.78 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Instrument :

BNA_G

ClientSampled :

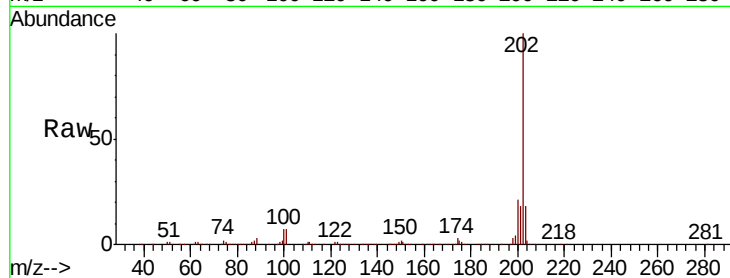
Tot Ion:202 Resp: 634755

Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

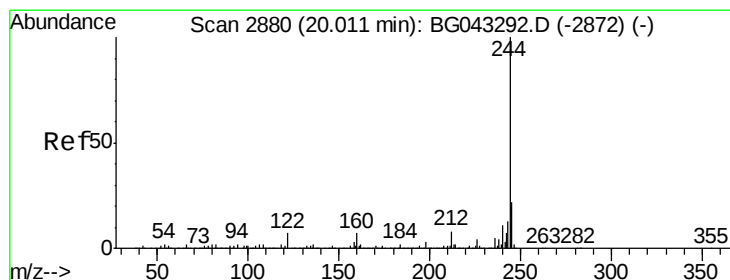
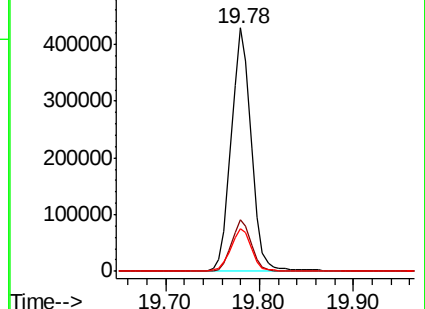
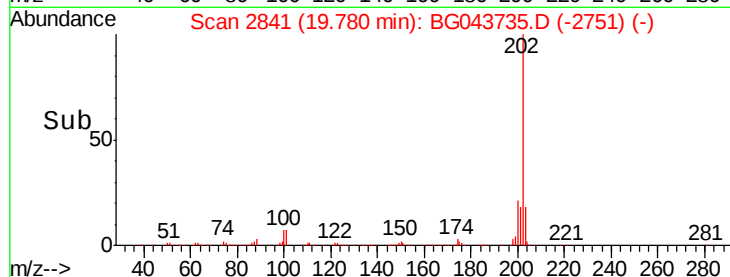
203 17.7 14.8 22.2



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: 93.675 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

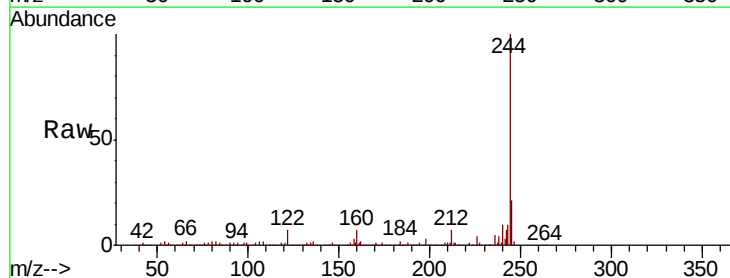
Tgt Ion:244 Resp: 1068951

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

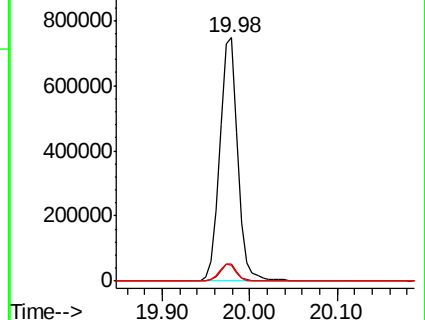
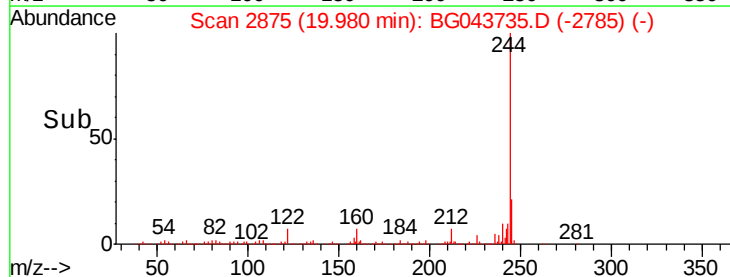
122 6.6 5.2 7.8

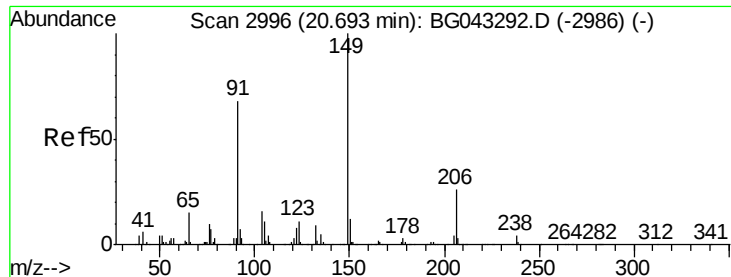


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

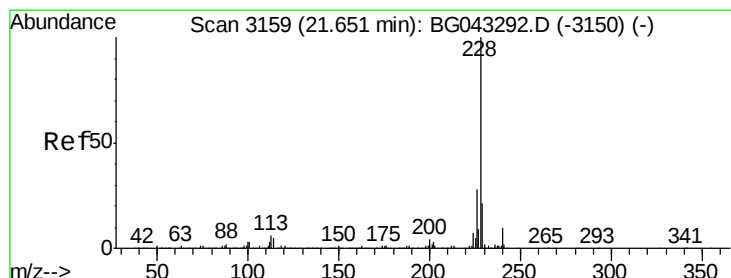
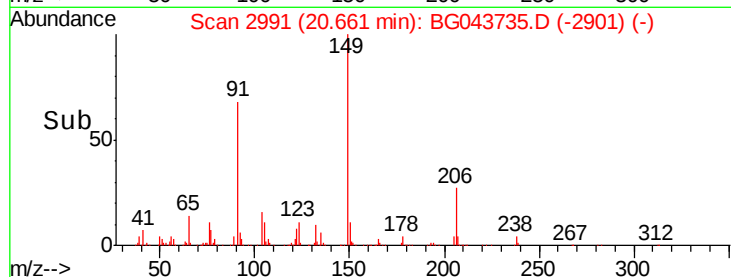
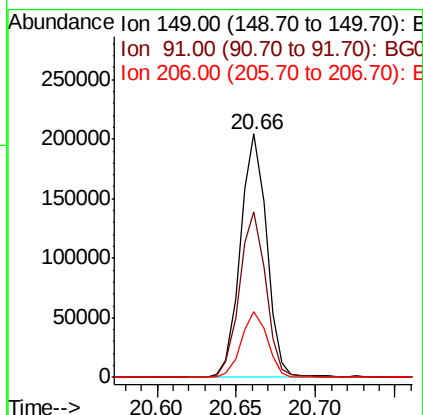
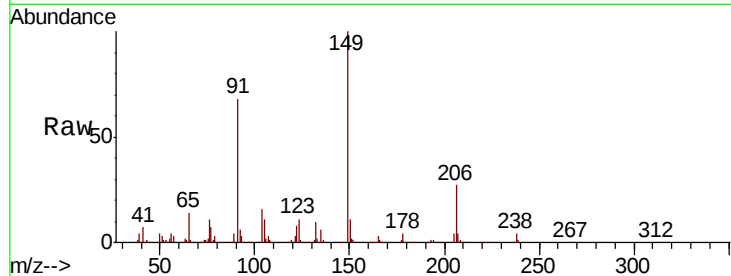




#80
Butylbenzylphthalate
Concen: 46.846 ng
RT: 20.66 min Scan# 2991
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

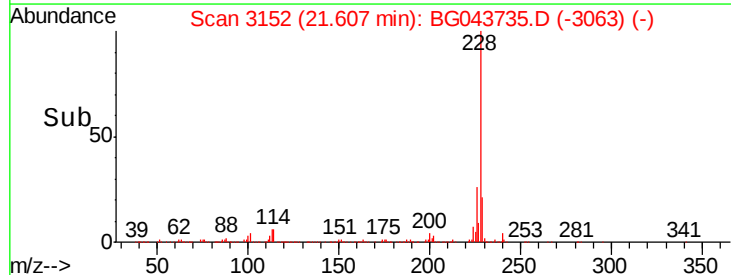
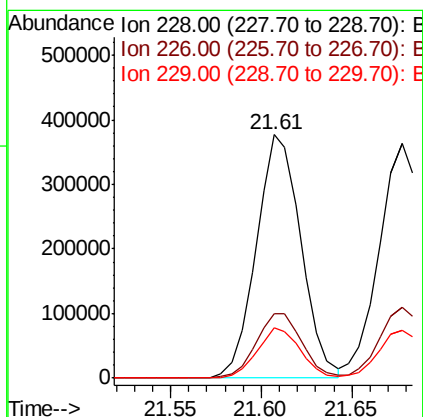
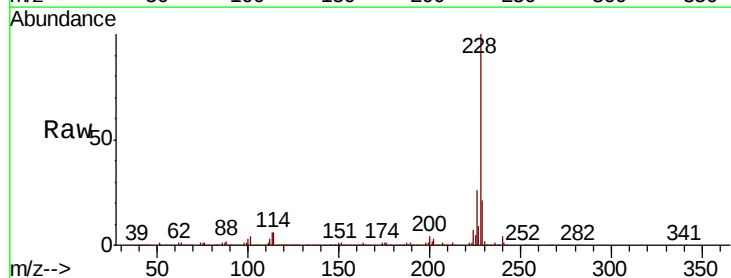
Instrument :
BNA_G
ClientSampled :

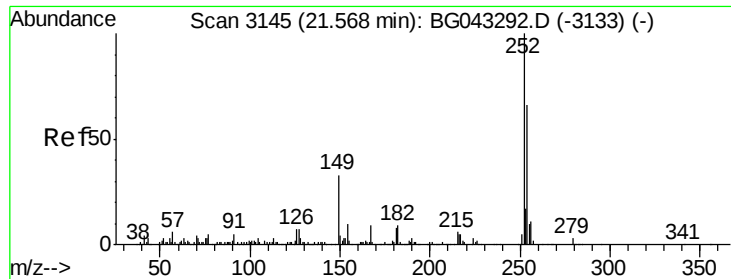
Tot Ion	Ratio	Lower	Upper
149	100		
91	67.8	55.4	83.0
206	26.8	20.2	30.4



#81
Benzo(a)anthracene
Concen: 48.185 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.8	32.6
229	20.7	15.9	23.9

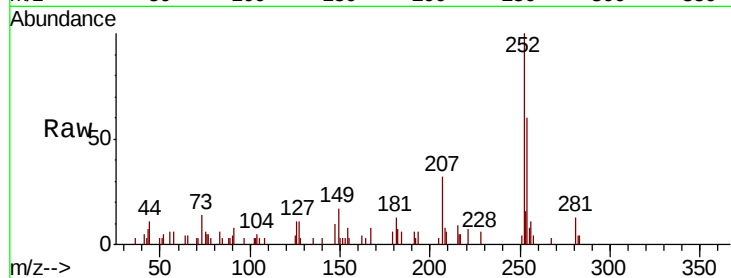




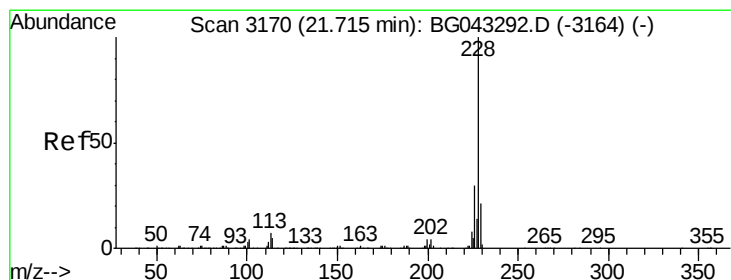
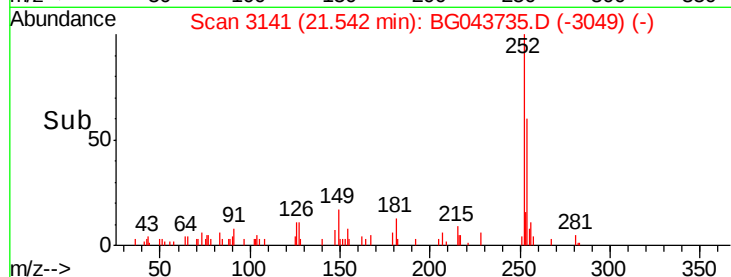
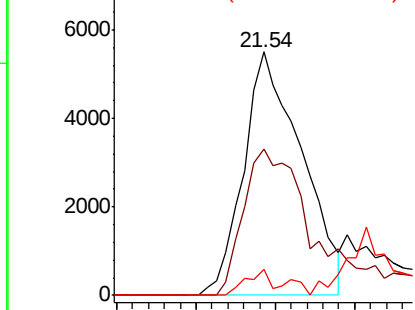
#82
 3,3'-Dichlorobenzidine
 Concen: 2.707 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. 0.01 min
 Lab File: BG043735.D
 Acq: 20 Nov 2019 19:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	60.0	50.2	75.4
126	10.7	5.4	8.0#

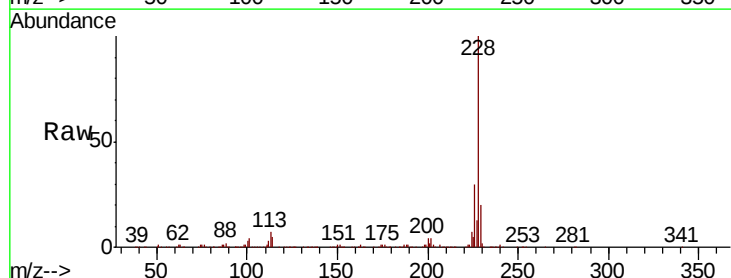


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

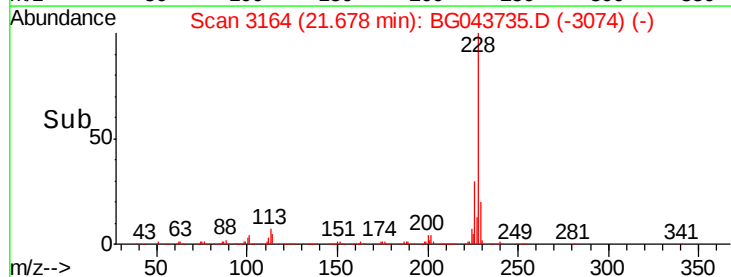
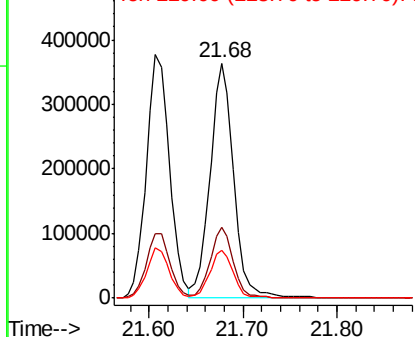


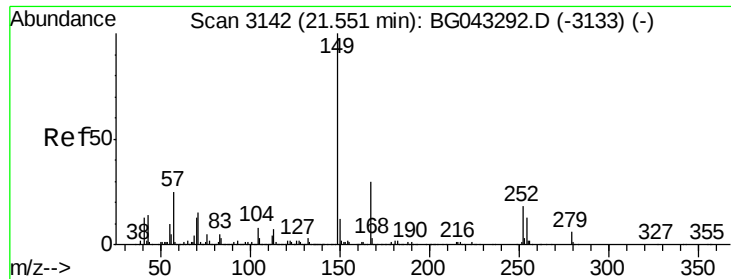
#83
 Chrysene
 Concen: 47.505 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.00 min
 Lab File: BG043735.D
 Acq: 20 Nov 2019 19:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.3	34.9
229	20.1	16.5	24.7



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

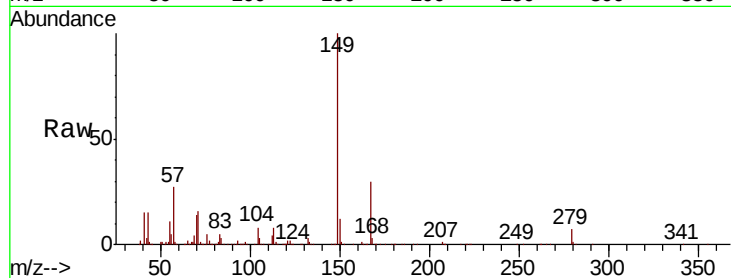




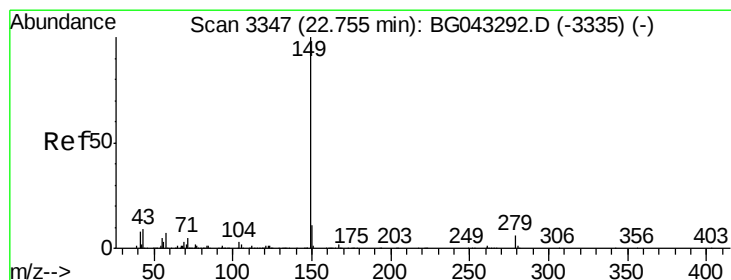
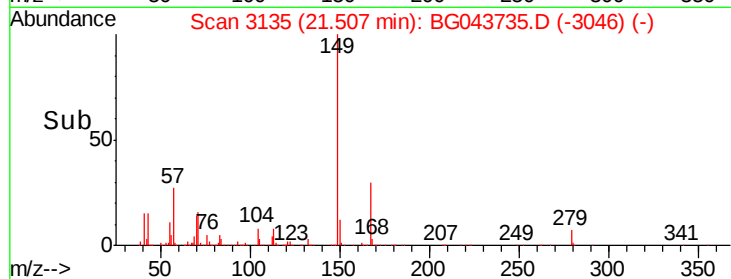
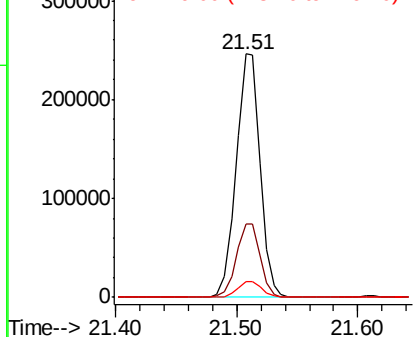
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.556 ng
 RT: 21.51 min Scan# 3135
 Delta R.T. -0.01 min
 Lab File: BG043735.D
 Acq: 20 Nov 2019 19:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.9	24.8	37.2
279	6.7	5.4	8.0

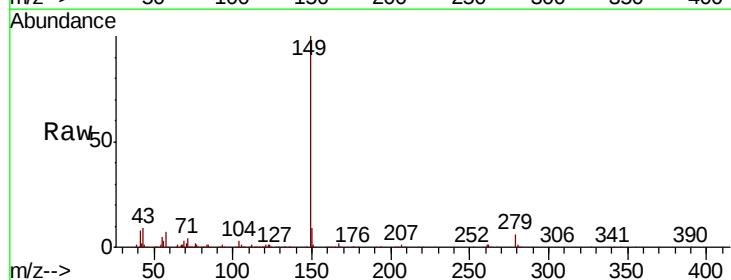


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

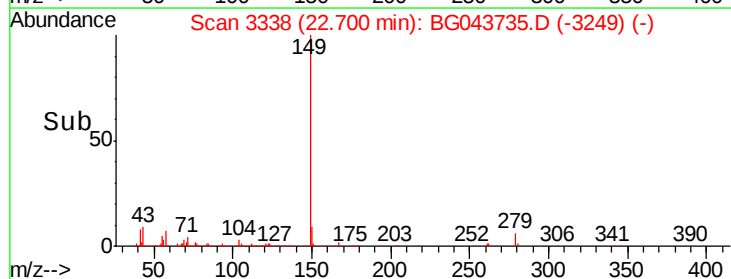
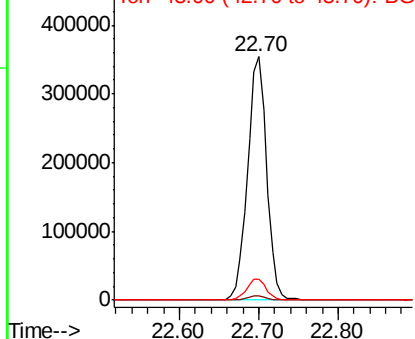


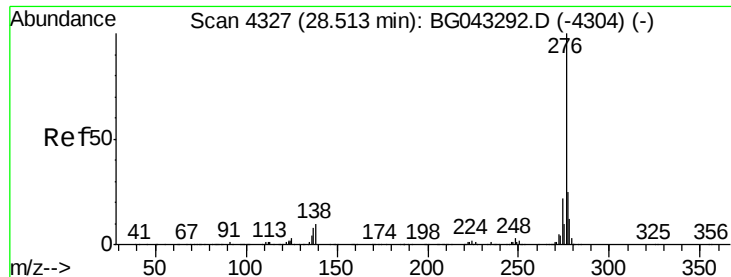
#85
 Di-n-octyl phthalate
 Concen: 48.884 ng
 RT: 22.70 min Scan# 3338
 Delta R.T. -0.01 min
 Lab File: BG043735.D
 Acq: 20 Nov 2019 19:47

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	8.9	7.8	11.8



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: 46.371 ng

RT: 28.43 min Scan# 4313

Delta R.T. -0.01 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Instrument :

BNA_G

ClientSampleId :

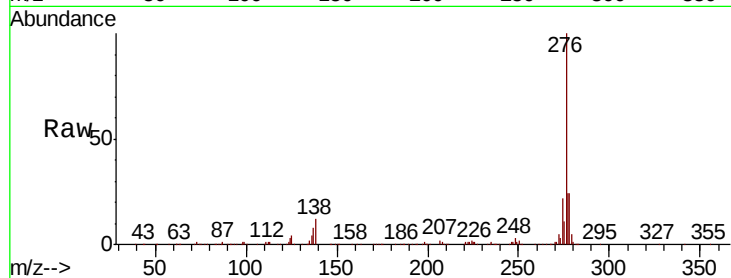
Tot Ion:276 Resp: 775537

Ion Ratio Lower Upper

276 100

138 14.4 11.3 16.9

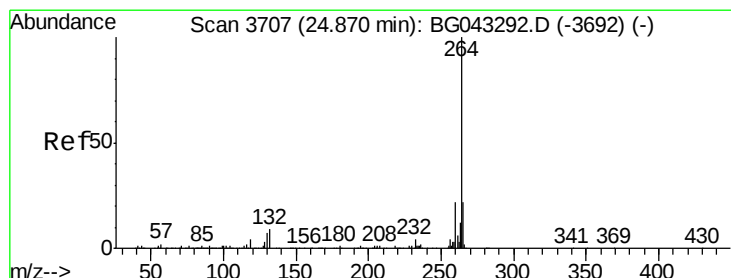
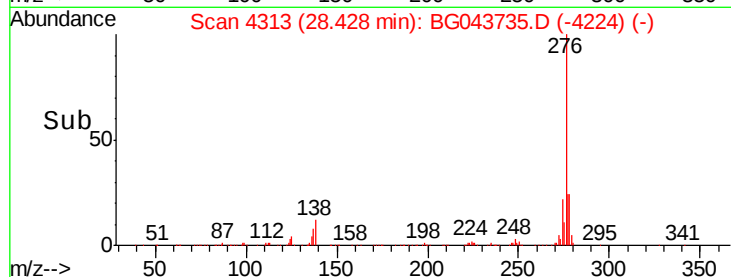
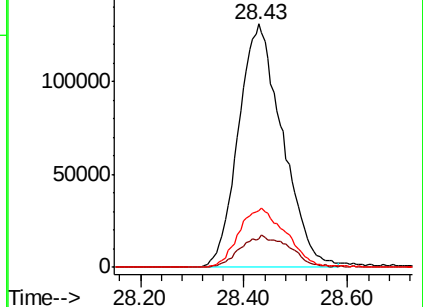
277 25.9 20.6 31.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.80 min Scan# 3696

Delta R.T. -0.01 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

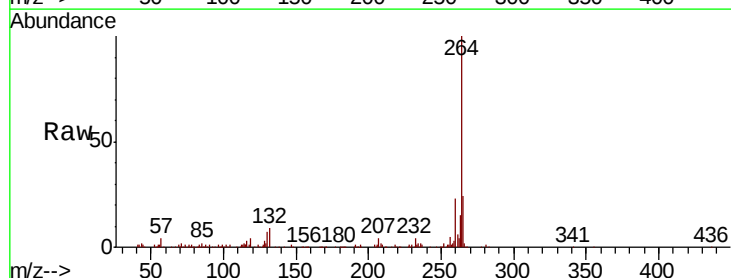
Tgt Ion:264 Resp: 229748

Ion Ratio Lower Upper

264 100

260 23.4 18.4 27.6

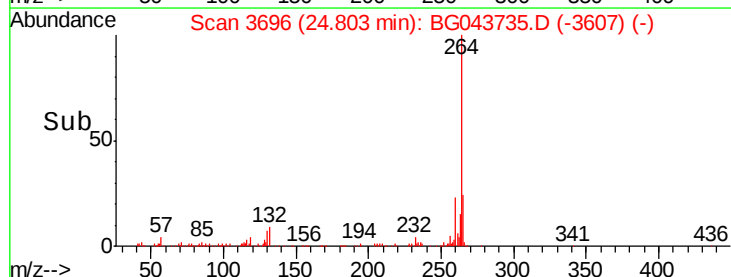
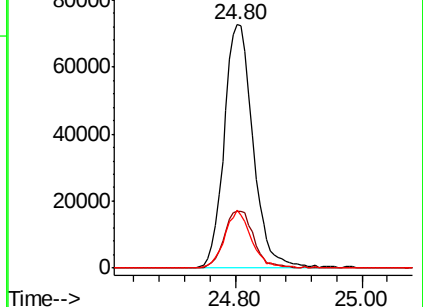
265 24.1 15.8 23.8#

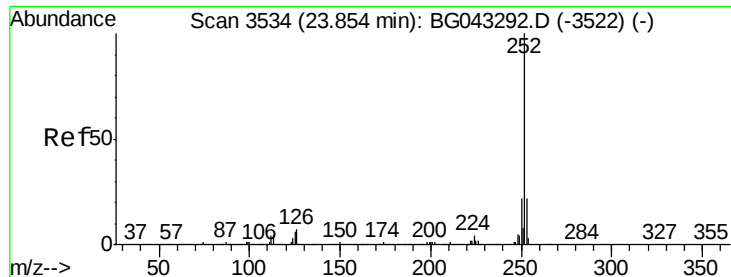


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 52.036 ng

RT: 23.80 min Scan# 3525

Delta R.T. -0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Instrument :

BNA_G

ClientSampleId :

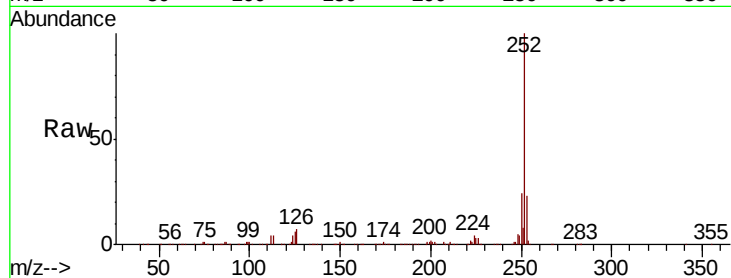
Tot Ion:252 Resp: 677104

Ion Ratio Lower Upper

252 100

253 23.1 17.7 26.5

125 5.7 4.5 6.7

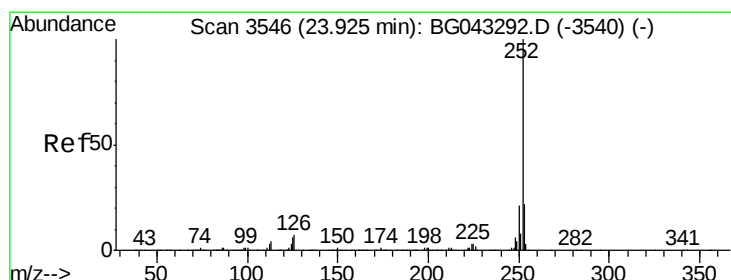
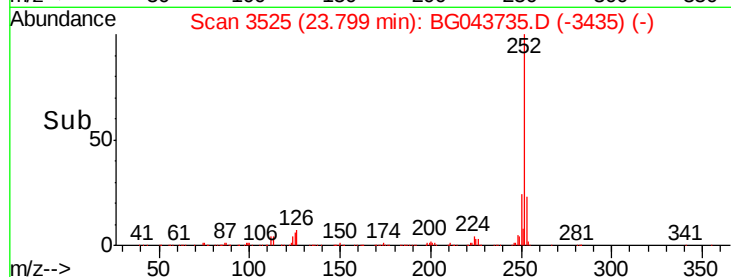
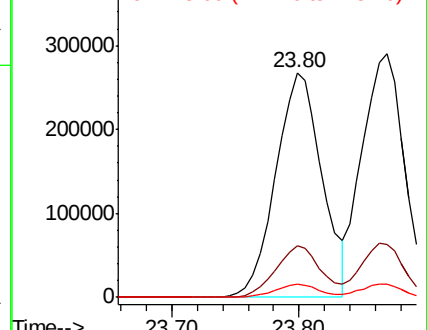


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 52.315 ng

RT: 23.87 min Scan# 3537

Delta R.T. -0.00 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

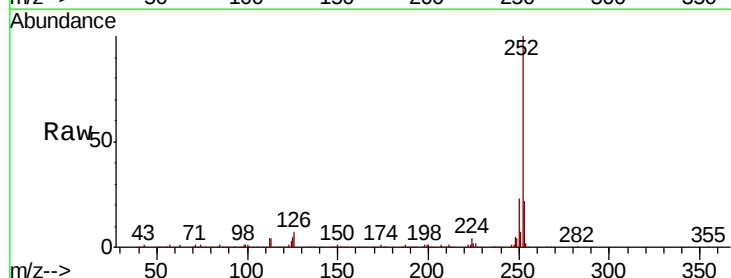
Tgt Ion:252 Resp: 685302

Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

125 5.4 4.7 7.1

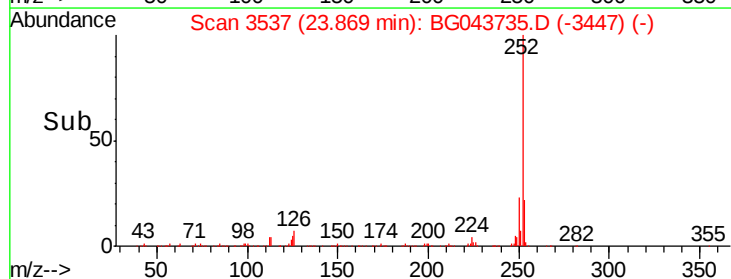
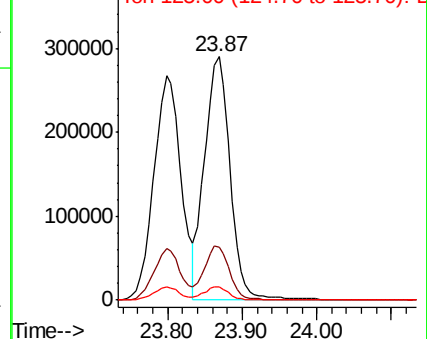


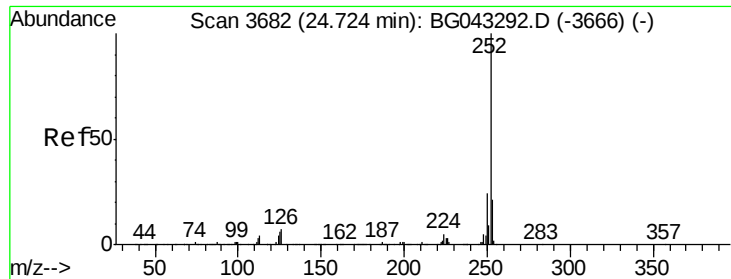
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

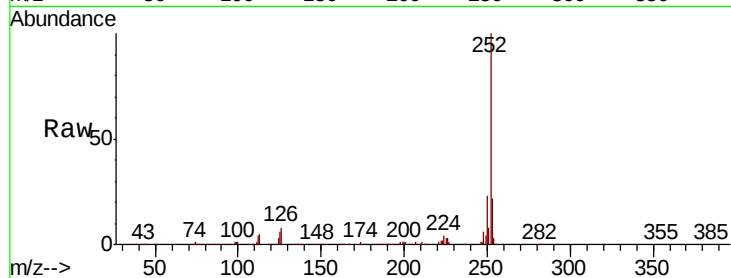




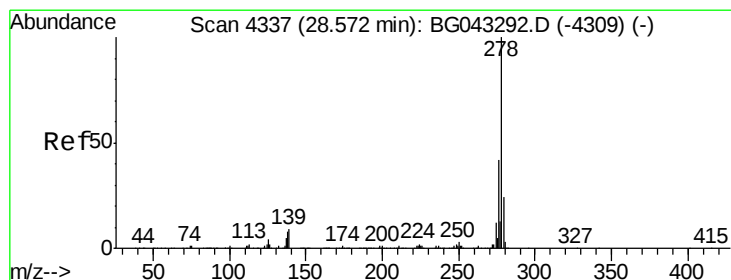
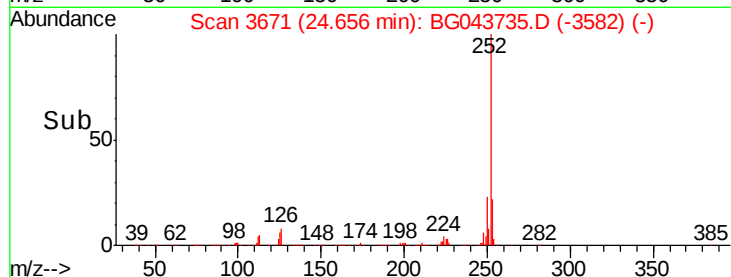
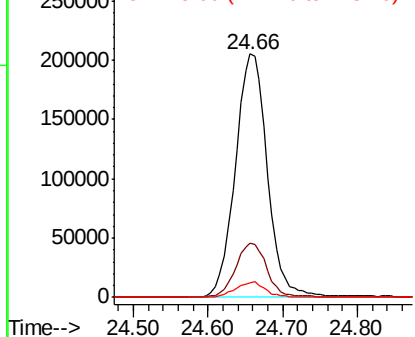
#90
Benzo(a)pyrene
Concen: 49.131 ng
RT: 24.66 min Scan# 3671
Delta R.T. -0.01 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Instrument :
BNA_G
ClientSampled :

Tot Ion:252 Resp: 610485
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 5.8 5.0 7.6

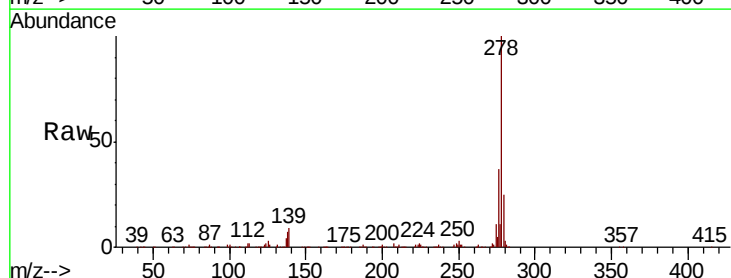


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

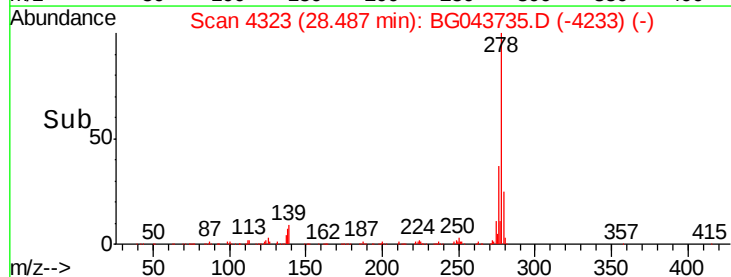
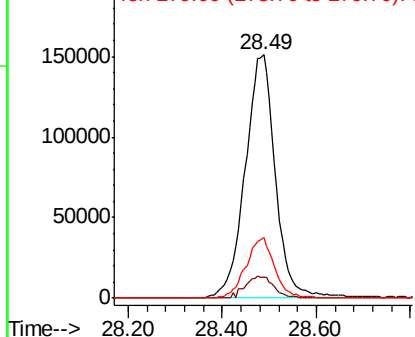


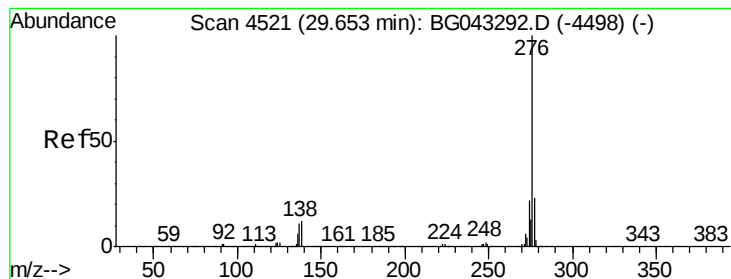
#91
Dibenzo(a,h)anthracene
Concen: 52.938 ng
RT: 28.49 min Scan# 4323
Delta R.T. -0.00 min
Lab File: BG043735.D
Acq: 20 Nov 2019 19:47

Tgt Ion:278 Resp: 672825
Ion Ratio Lower Upper
278 100
139 8.6 7.2 10.8
279 24.8 19.0 28.4



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(a,h,i)perylene

Concen: 50.669 ng

RT: 29.56 min Scan# 4505

Delta R.T. -0.02 min

Lab File: BG043735.D

Acq: 20 Nov 2019 19:47

Instrument :

BNA_G

ClientSampleId :

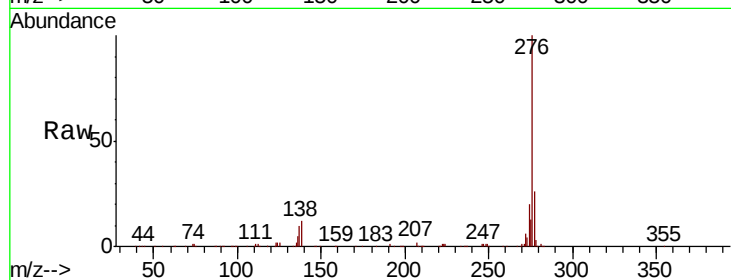
Tot Ion:276 Resp: 635230

Ion Ratio Lower Upper

276 100

277 25.7 19.8 29.6

138 12.3 9.7 14.5



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

