

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
 Data File : BG043372.D
 Acq On : 29 Oct 2019 13:49
 Operator : JU
 Sample : PB124300BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 06:21:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	35581	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	142823	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	106696	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	249915	20.00	ng	0.00
76) Chrysene-d12	21.67	240	287669	20.00	ng	0.00
87) Perylene-d12	24.86	264	329438	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	258571	133.17	ng	0.00
7) Phenol-d6	7.21	99	340824	122.00	ng	0.00
23) Nitrobenzene-d5	9.18	82	175241	63.26	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	216855	106.80	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	470148	60.89	ng	0.00
79) Terphenyl-d14	20.00	244	946032	61.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	30118	39.803	ng	92
3) Pyridine	3.89	79	70299	36.830	ng	98
4) n-Nitrosodimethylamine	3.80	42	43533	45.198	ng	# 96
6) Aniline	7.35	93	108764	33.796	ng	95
8) 2-Chlorophenol	7.60	128	99097	46.233	ng	95
9) Benzaldehyde	7.16	77	55601	40.498	ng	# 80
10) Phenol	7.24	94	119686	46.883	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	80277	40.673	ng	98
12) 1,3-Dichlorobenzene	7.91	146	111777	41.622	ng	95
13) 1,4-Dichlorobenzene	8.06	146	112815	41.520	ng	98
14) 1,2-Dichlorobenzene	8.38	146	108274	40.812	ng	99
15) Benzyl Alcohol	8.27	79	83772	42.697	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.55	45	111514	38.856	ng	97
17) 2-Methylphenol	8.49	107	84422	45.363	ng	99
18) Hexachloroethane	9.11	117	40344	41.155	ng	100
19) n-Nitroso-di-n-propylamine	8.83	70	72423	40.119	ng	95
20) 3+4-Methylphenols	8.82	107	110932	43.470	ng	97
22) Acetophenone	8.85	105	142703	39.016	ng	98
24) Nitrobenzene	9.23	77	111269	42.163	ng	96
25) Isophorone	9.74	82	200233	39.533	ng	100
26) 2-Nitrophenol	9.94	139	56582	44.410	ng	93
27) 2,4-Dimethylphenol	10.01	122	90186	49.387	ng	96
28) bis(2-Chloroethoxy)methane	10.23	93	110355	39.477	ng	99
29) 2,4-Dichlorophenol	10.49	162	105122	44.929	ng	94
30) 1,2,4-Trichlorobenzene	10.69	180	119591	40.554	ng	99
31) Naphthalene	10.88	128	308769	42.591	ng	97
32) Benzoic acid	10.17	122	43132	34.151	ng	96
33) 4-Chloroaniline	11.00	127	62138	20.910	ng	95
34) Hexachlorobutadiene	11.17	225	84535	38.779	ng	92
35) Caprolactam	11.76	113	17488	21.702	ng	# 87
36) 4-Chloro-3-methylphenol	12.13	107	110034	43.114	ng	97
37) 2-Methylnaphthalene	12.48	142	231578	41.632	ng	97
38) 1-Methylnaphthalene	12.70	142	221169	41.788	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	148300	37.557	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
 Data File : BG043372.D
 Acq On : 29 Oct 2019 13:49
 Operator : JU
 Sample : PB124300BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 06:21:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

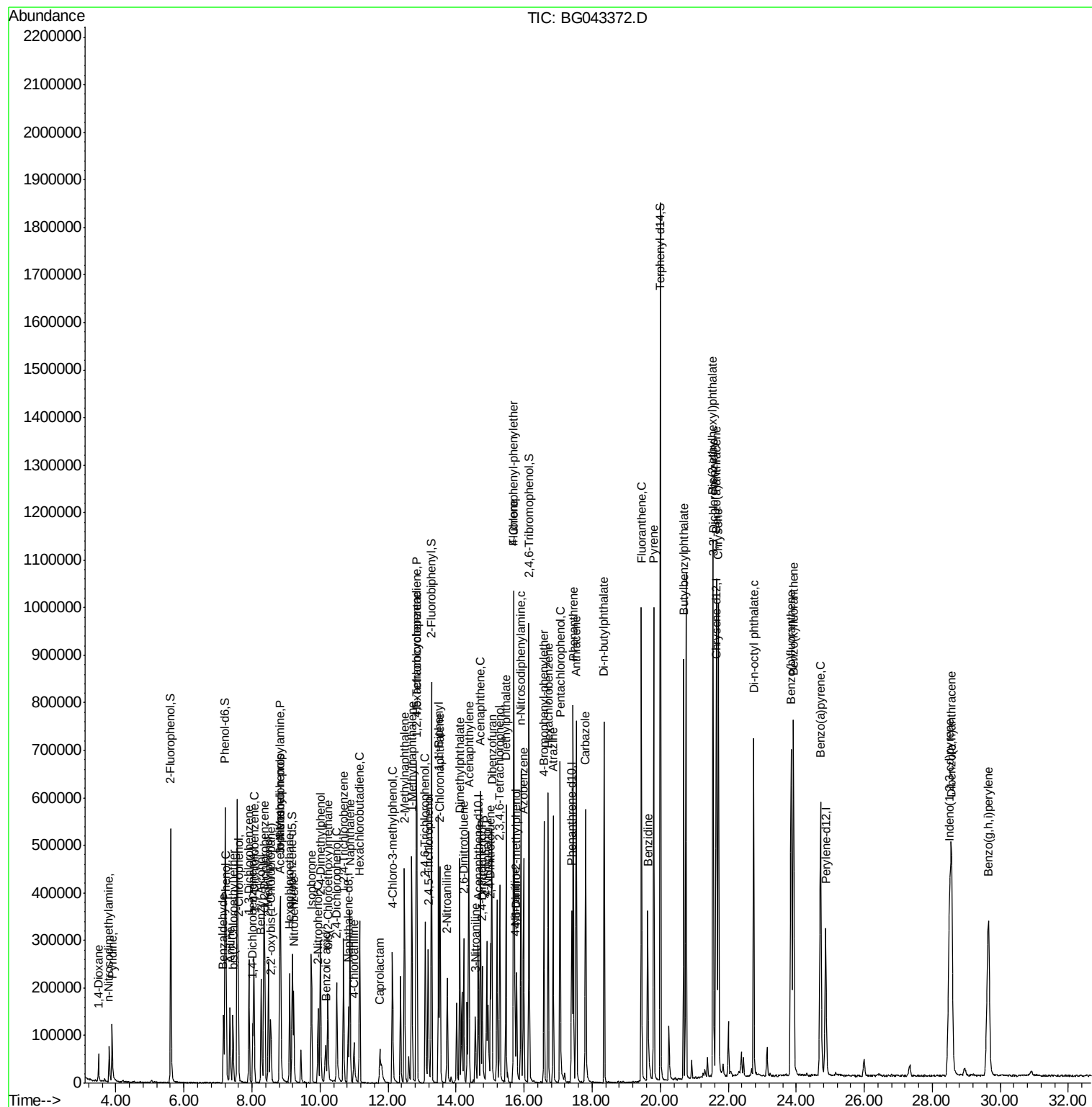
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	178617	86.111	ng	97
43) 2,4,6-Trichlorophenol	13.09	196	95076	40.886	ng	99
44) 2,4,5-Trichlorophenol	13.18	196	100284	42.657	ng	98
46) 1,1'-Biphenyl	13.49	154	311097	38.327	ng	100
47) 2-Chloronaphthalene	13.53	162	242867	39.325	ng	99
48) 2-Nitroaniline	13.74	65	70345	38.110	ng	95
49) Acenaphthylene	14.37	152	394799	41.074	ng	97
50) Dimethylphthalate	14.10	163	313343	37.915	ng	99
51) 2,6-Dinitrotoluene	14.22	165	71720	39.946	ng	97
52) Acenaphthene	14.72	154	230531	39.329	ng	97
53) 3-Nitroaniline	14.56	138	45058	25.993	ng	95
54) 2,4-Dinitrophenol	14.77	184	72488	66.052	ng	94
55) Dibenzofuran	15.05	168	379326	39.906	ng	99
56) 4-Nitrophenol	14.90	139	103821	89.375	ng	97
57) 2,4-Dinitrotoluene	15.01	165	102740	40.041	ng	93
58) Fluorene	15.70	166	319152	40.032	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.28	232	103552	41.458	ng	# 99
60) Diethylphthalate	15.47	149	317905	38.284	ng	98
61) 4-Chlorophenyl-phenylether	15.69	204	182247	39.185	ng	97
62) 4-Nitroaniline	15.73	138	66394	37.087	ng	94
63) Azobenzene	15.98	77	265770	39.546	ng	97
65) 4,6-Dinitro-2-methylphenol	15.78	198	60168	40.910	ng	98
66) n-Nitrosodiphenylamine	15.91	169	282687	40.065	ng	98
67) 4-Bromophenyl-phenylether	16.58	248	131490	39.096	ng	97
68) Hexachlorobenzene	16.71	284	146246	37.881	ng	98
69) Atrazine	16.85	200	121294	49.473	ng	94
70) Pentachlorophenol	17.05	266	161246	91.661	ng	97
71) Phenanthrene	17.44	178	516491	40.359	ng	99
72) Anthracene	17.53	178	534541	41.748	ng	99
73) Carbazole	17.81	167	480073	41.403	ng	97
74) Di-n-butylphthalate	18.35	149	567505	40.337	ng	99
75) Fluoranthene	19.45	202	694861	41.648	ng	99
77) Benzidine	19.63	184	299628	51.754	ng	99
78) Pyrene	19.81	202	701561	39.399	ng	98
80) Butylbenzylphthalate	20.69	149	260045	38.547	ng	98
81) Benzo(a)anthracene	21.64	228	721863	40.060	ng	99
82) 3,3'-Dichlorobenzidine	21.56	252	220958	31.703	ng	98
83) Chrysene	21.71	228	711603	39.746	ng	98
84) Bis(2-ethylhexyl)phthalate	21.55	149	385178	40.194	ng	99
85) Di-n-octyl phthalate	22.75	149	663559	40.814	ng	99
86) Indeno(1,2,3-cd)pyrene	28.50	276	931633	41.455	ng	99
88) Benzo(b)fluoranthene	23.85	252	769177	41.224	ng	98
89) Benzo(k)fluoranthene	23.92	252	786110	41.851	ng	100
90) Benzo(a)pyrene	24.72	252	710700	39.888	ng	99
91) Dibenzo(a,h)anthracene	28.56	278	782190	42.920	ng	97
92) Benzo(g,h,i)perylene	29.65	276	771139	42.897	ng	97

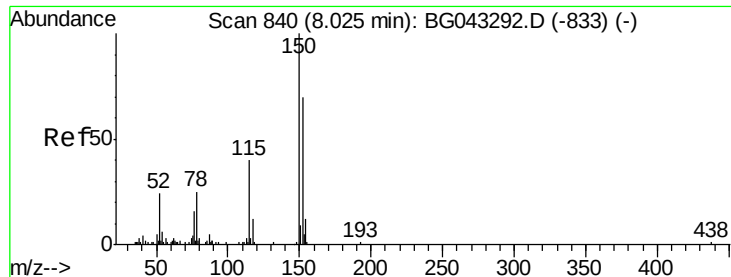
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
 Data File : BG043372.D
 Acq On : 29 Oct 2019 13:49
 Operator : JU
 Sample : PB124300BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 06:21:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration



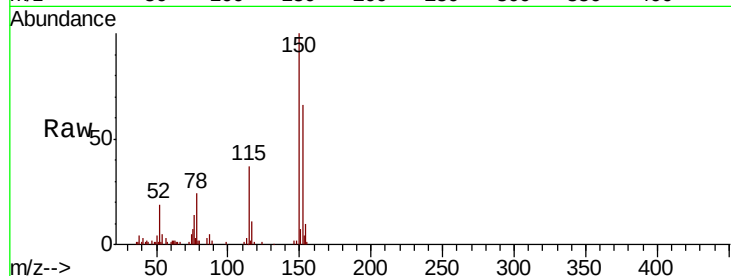


#1

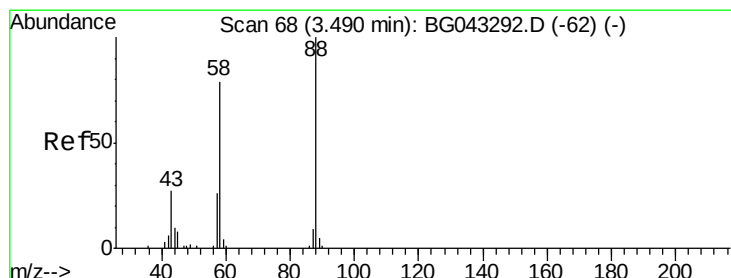
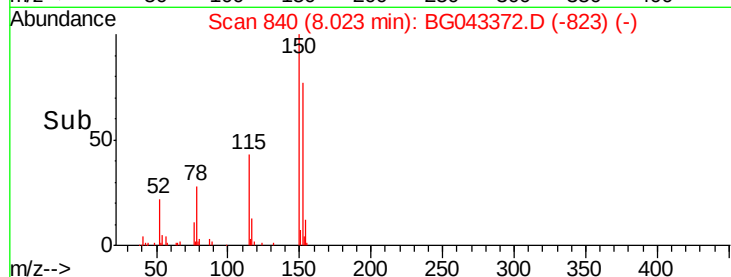
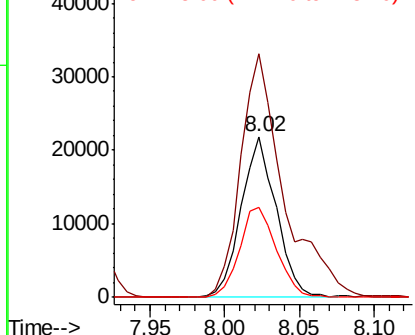
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 35581
Ion Ratio Lower Upper
152 100
150 151.6 113.6 170.4
115 56.2 45.9 68.9



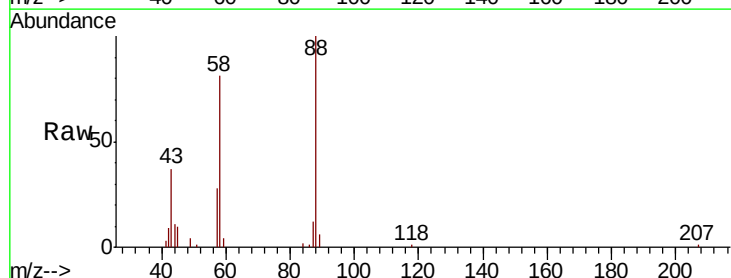
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



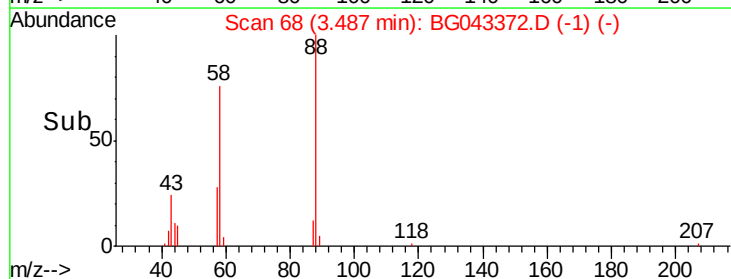
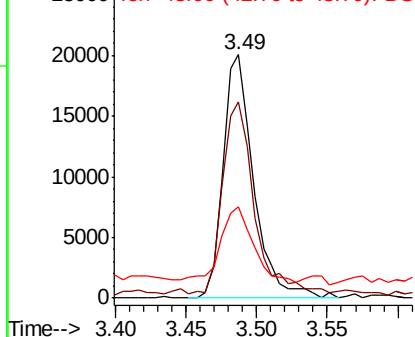
#2

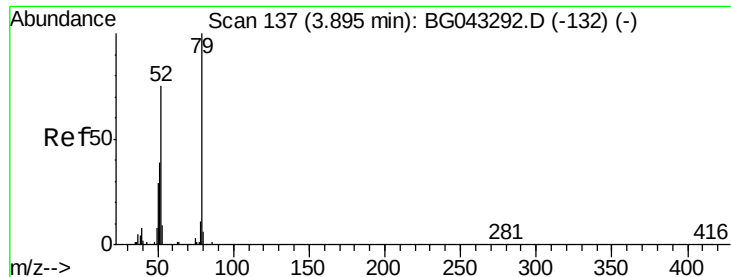
1,4-Dioxane
Concen: 39.803 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Tgt Ion: 88 Resp: 30118
Ion Ratio Lower Upper
88 100
58 81.8 60.2 90.2
43 32.8 22.7 34.1



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: 36.830 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Instrument :

BNA_G

ClientSampleId :

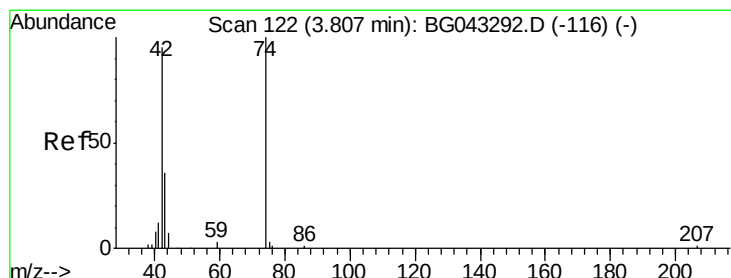
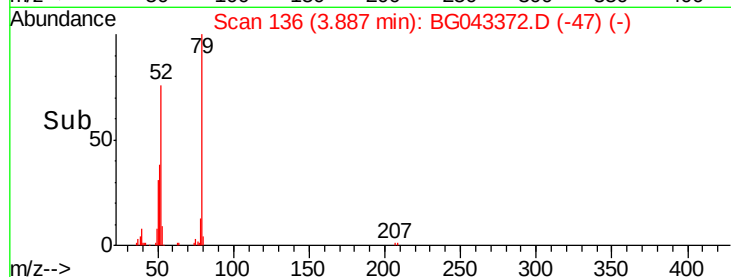
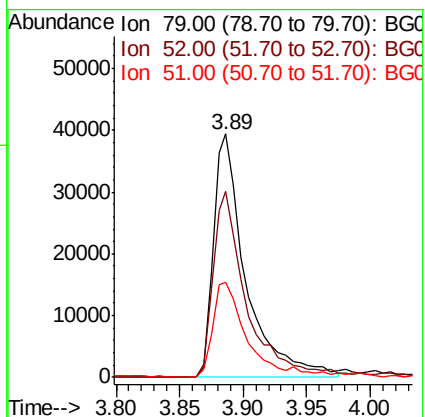
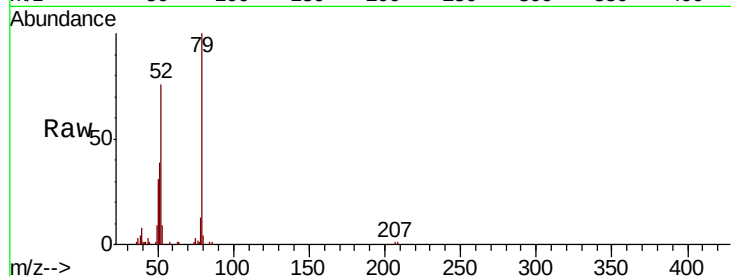
Tot Ion: 79 Resp: 70299

Ion Ratio Lower Upper

79 100

52 76.2 59.7 89.5

51 39.2 31.8 47.6



#4

n-Nitrosodimethylamine

Concen: 45.198 ng

RT: 3.80 min Scan# 122

Delta R.T. -0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

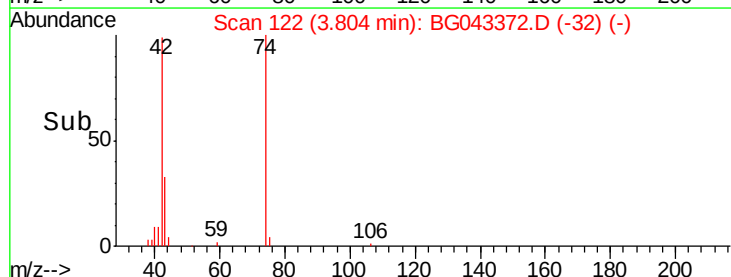
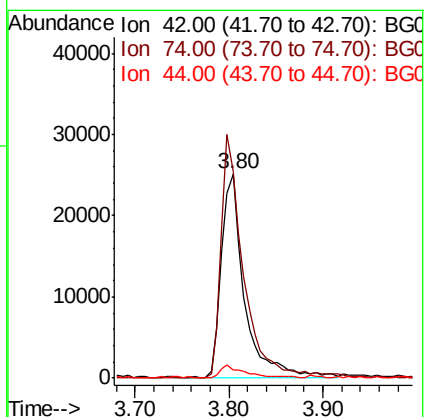
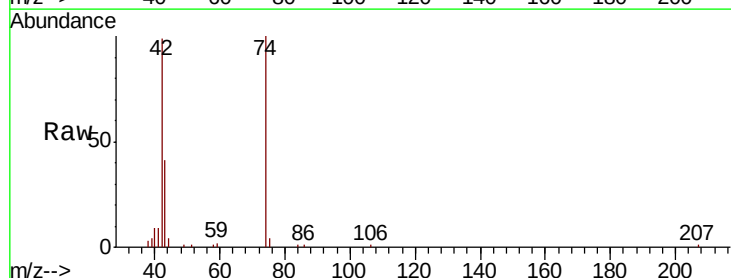
Tgt Ion: 42 Resp: 43533

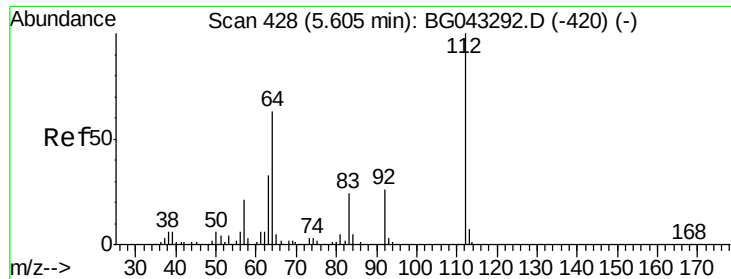
Ion Ratio Lower Upper

42 100

74 101.3 84.2 126.2

44 3.9 6.0 9.0#





#5

2-Fluorophenol

Concen: 133.166 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Instrument :

BNA_G

ClientSampleId :

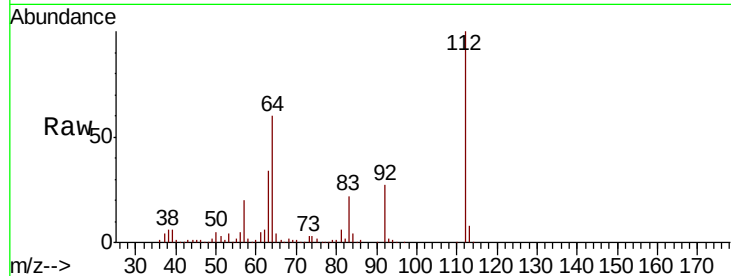
Tot Ion:112 Resp: 258571

Ion Ratio Lower Upper

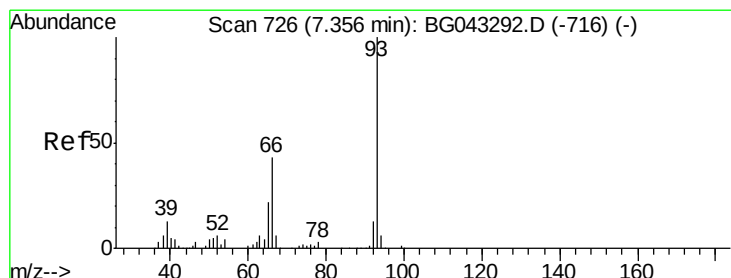
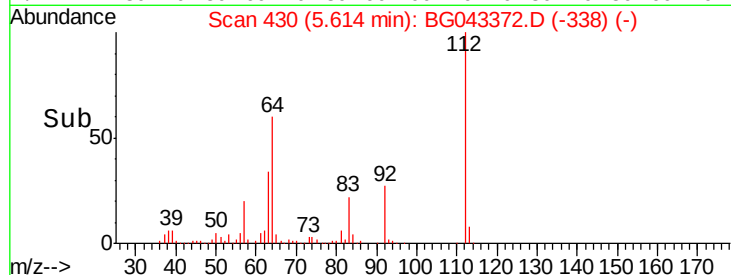
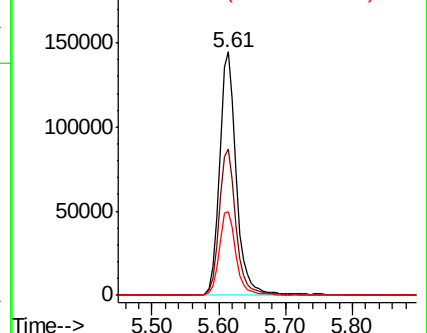
112 100

64 60.3 50.2 75.2

63 34.5 26.7 40.1



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: 33.796 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

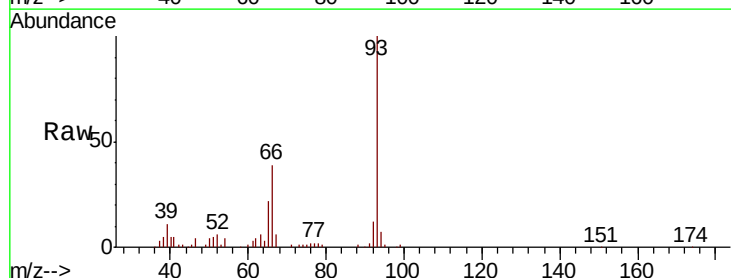
Tgt Ion: 93 Resp: 108764

Ion Ratio Lower Upper

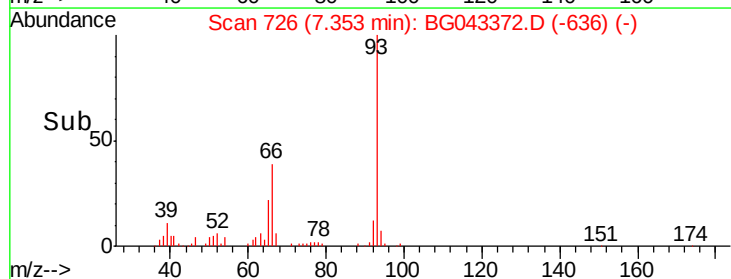
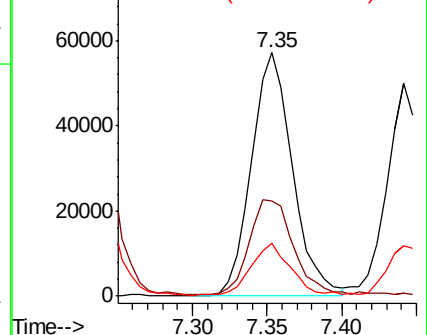
93 100

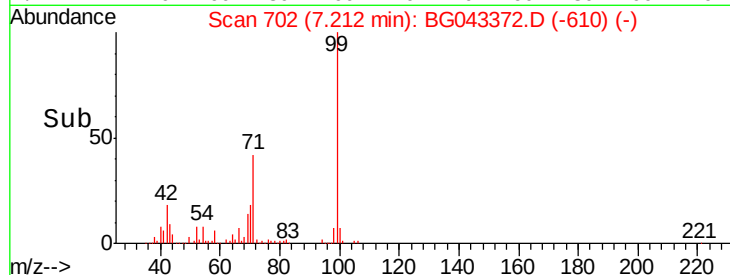
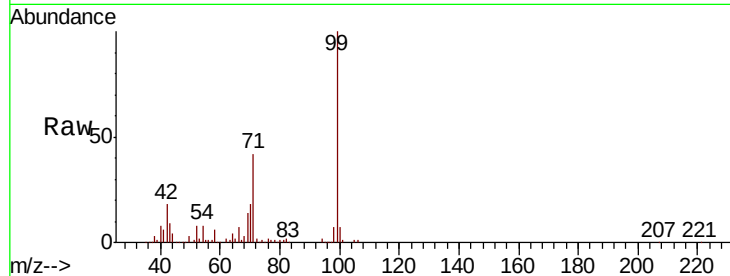
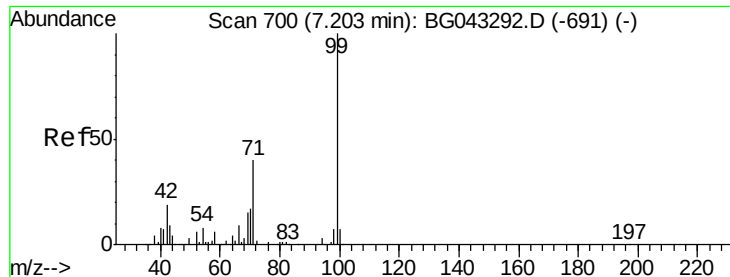
66 39.2 34.5 51.7

65 21.5 18.0 27.0



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: 121.998 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Instrument :

BNA_G

ClientSampleId :

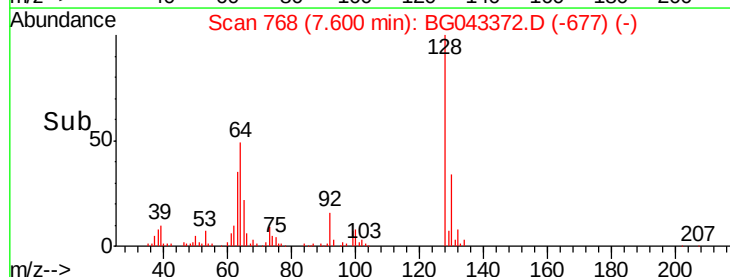
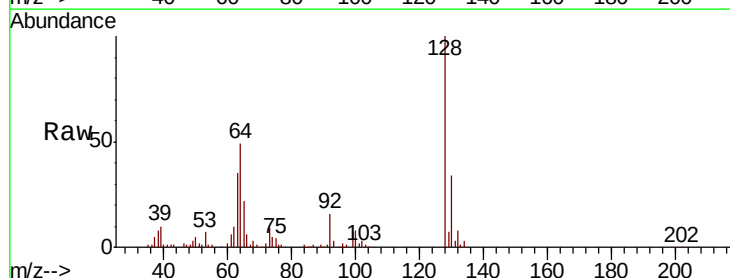
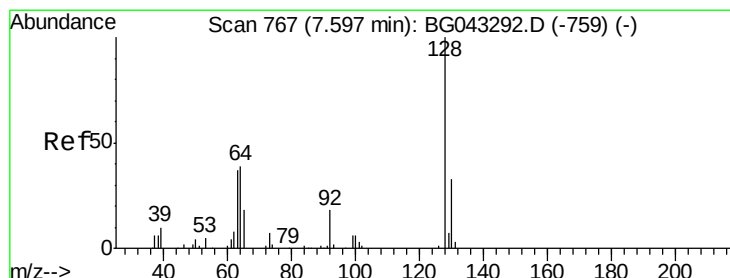
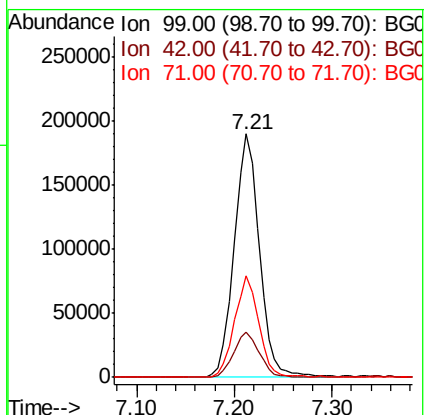
Tot Ion: 99 Resp: 340824

Ion Ratio Lower Upper

99 100

42 18.3 14.9 22.3

71 41.6 32.2 48.2



#8

2-Chlorophenol

Concen: 46.233 ng

RT: 7.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

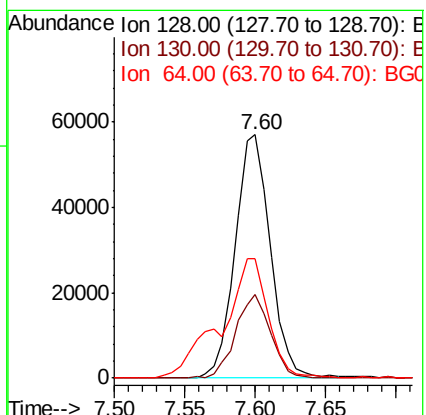
Tgt Ion: 128 Resp: 99097

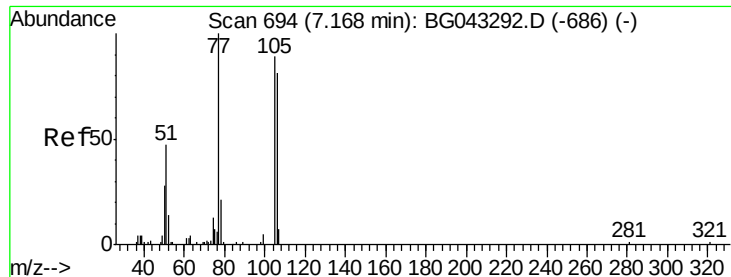
Ion Ratio Lower Upper

128 100

130 34.4 12.9 52.9

64 49.0 24.9 64.9





#9

Benzaldehyde

Concen: 40.498 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Instrument :

BNA_G

ClientSampleId :

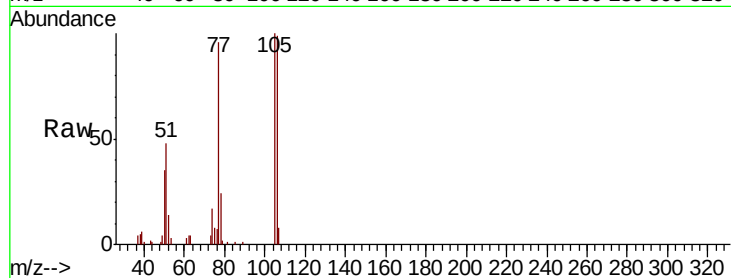
Tot Ion: 77 Resp: 55601

Ion Ratio Lower Upper

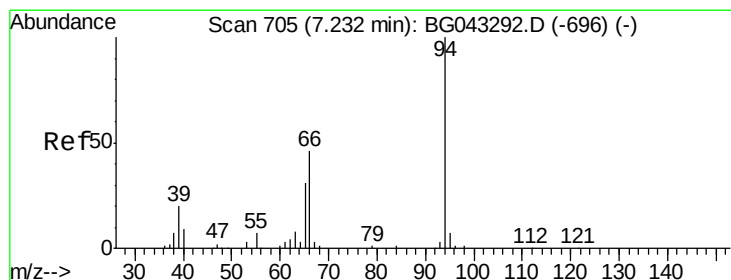
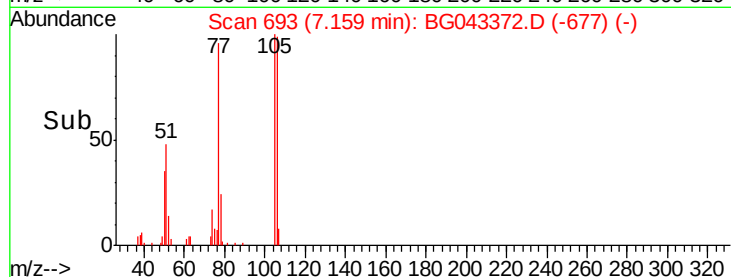
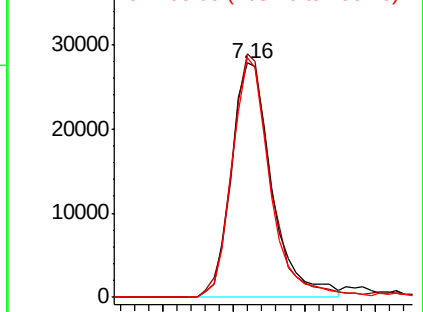
77 100

105 104.0 68.7 108.7

106 102.6 60.5 100.5#



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: 46.883 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

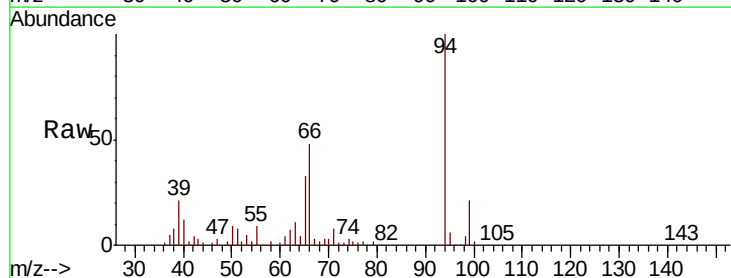
Tgt Ion: 94 Resp: 119686

Ion Ratio Lower Upper

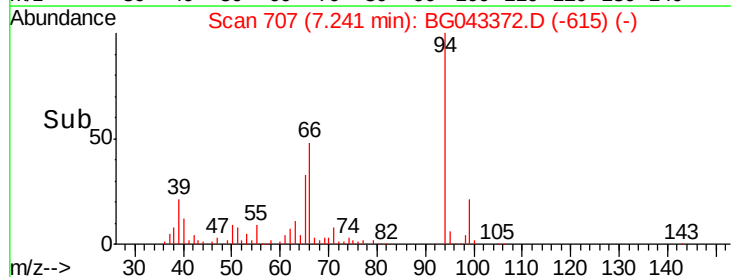
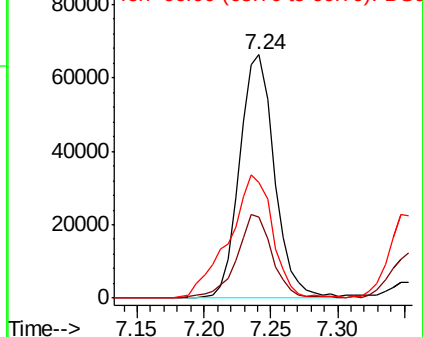
94 100

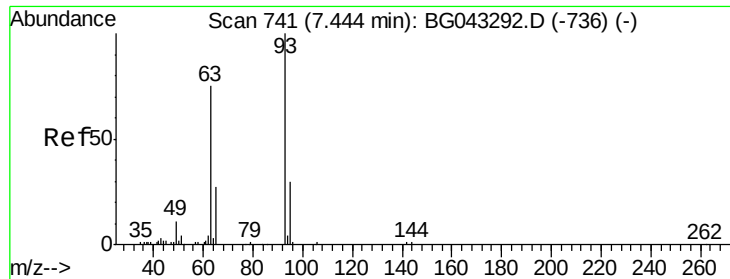
65 33.5 11.1 51.1

66 47.7 27.8 67.8



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

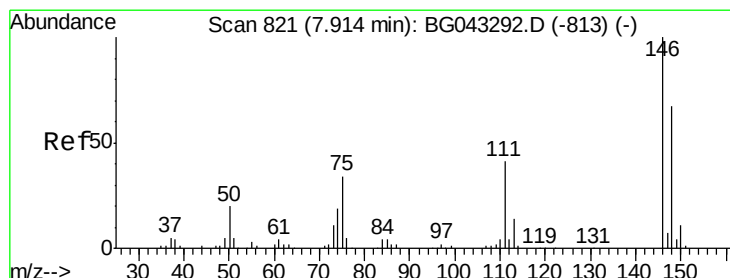
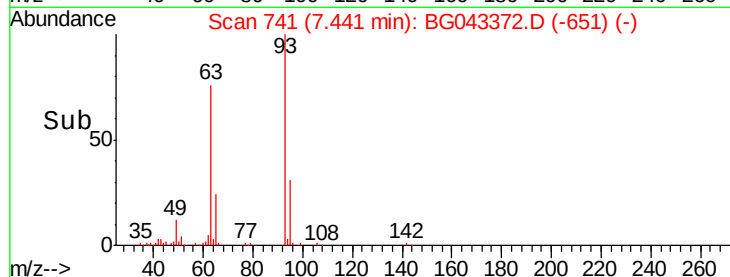
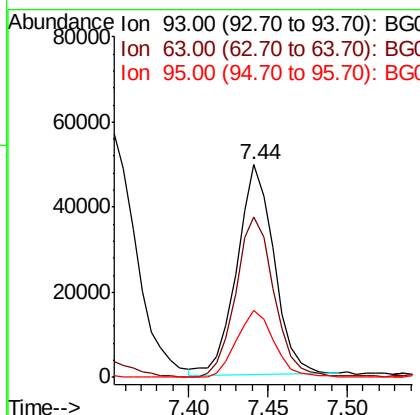
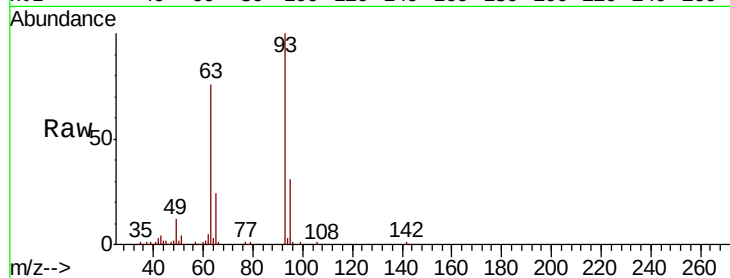




#11
 bis(2-Chloroethyl)ether
 Concen: 40.673 ng
 RT: 7.44 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BG043372.D
 Acq: 29 Oct 2019 13:49

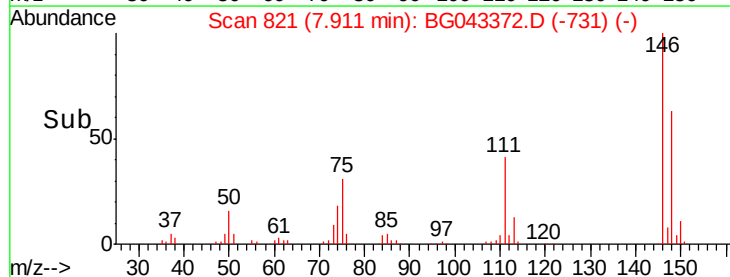
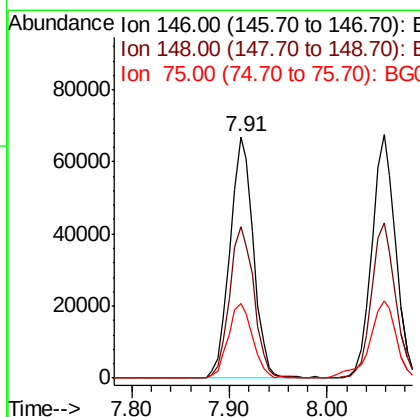
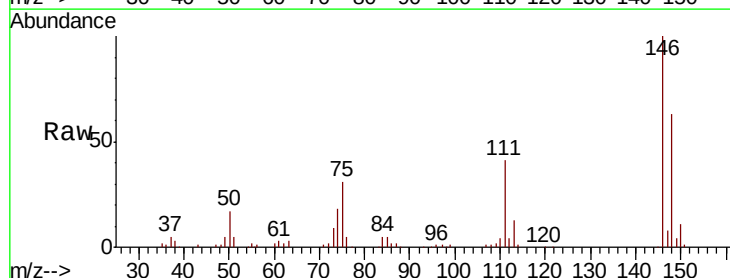
Instrument :
 BNA_G
 ClientSampleId :

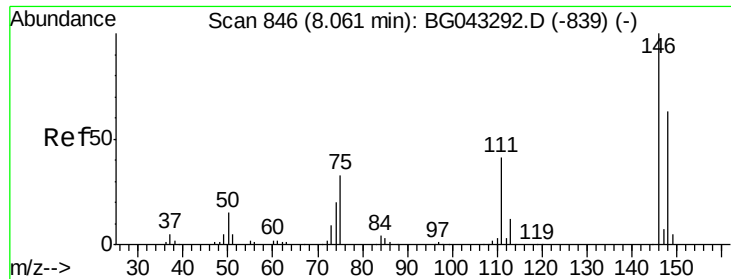
Tot Ion	93	Resp	80277
Ion	Ratio	Lower	Upper
93	100		
63	75.8	54.6	94.6
95	31.5	9.7	49.7



#12
 1,3-Dichlorobenzene
 Concen: 41.622 ng
 RT: 7.91 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BG043372.D
 Acq: 29 Oct 2019 13:49

Tgt Ion	146	Resp	111777
Ion	Ratio	Lower	Upper
146	100		
148	63.0	53.4	80.2
75	30.8	27.0	40.4





#13

1,4-Dichlorobenzene

Concen: 41.520 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Instrument :

BNA_G

ClientSampled :

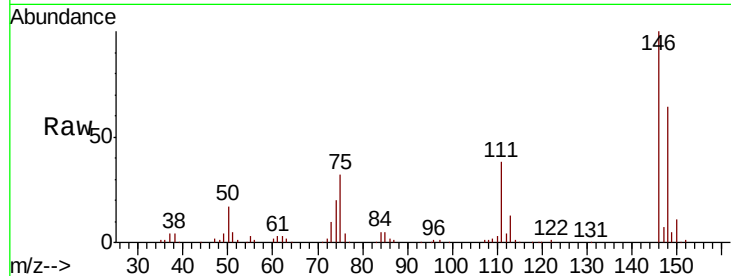
Tot Ion:146 Resp: 112815

Ion Ratio Lower Upper

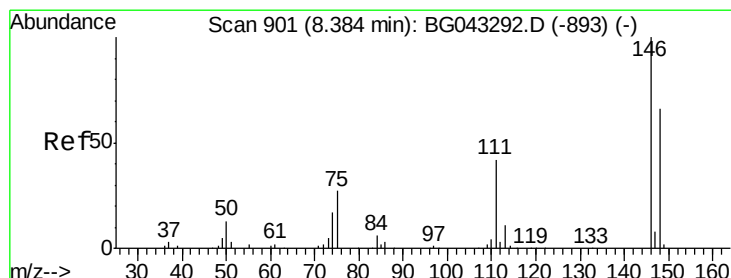
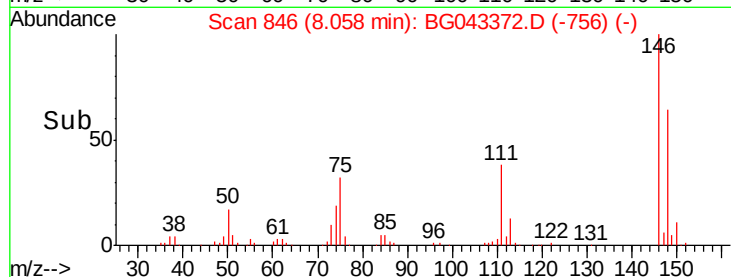
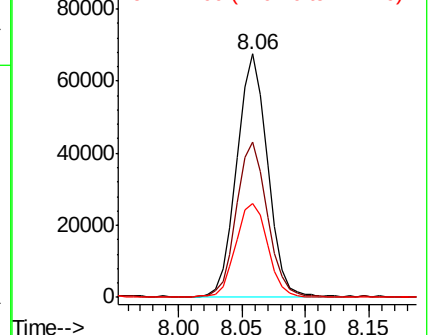
146 100

148 64.0 50.7 76.1

111 38.4 33.0 49.6



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



#14

1,2-Dichlorobenzene

Concen: 40.812 ng

RT: 8.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

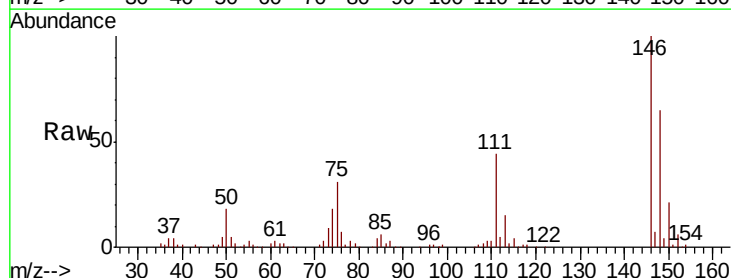
Tgt Ion:146 Resp: 108274

Ion Ratio Lower Upper

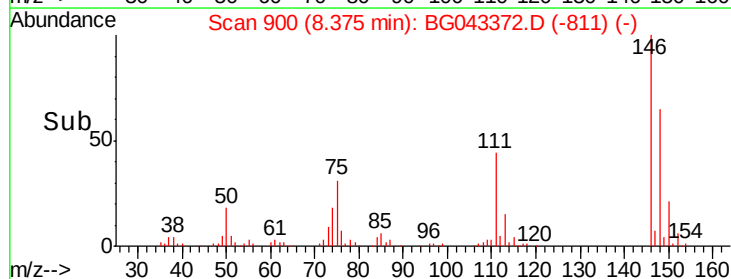
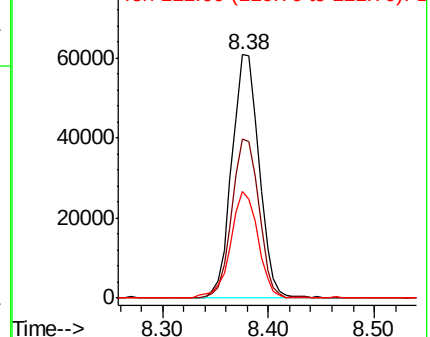
146 100

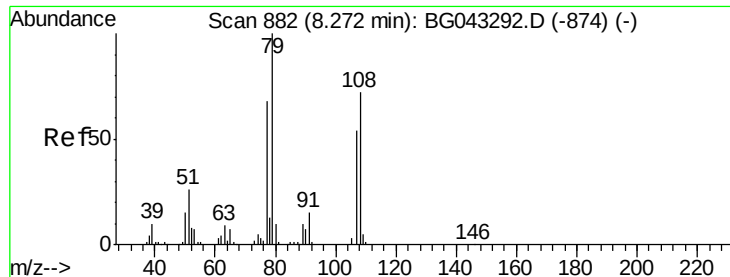
148 65.3 53.0 79.4

111 43.8 34.5 51.7



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: 42.697 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Instrument :

BNA_G

ClientSampled :

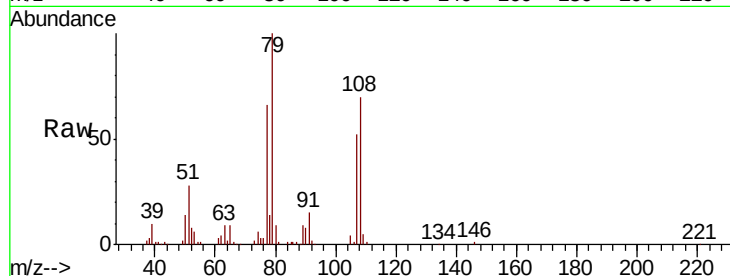
Tot Ion: 79 Resp: 83772

Ion Ratio Lower Upper

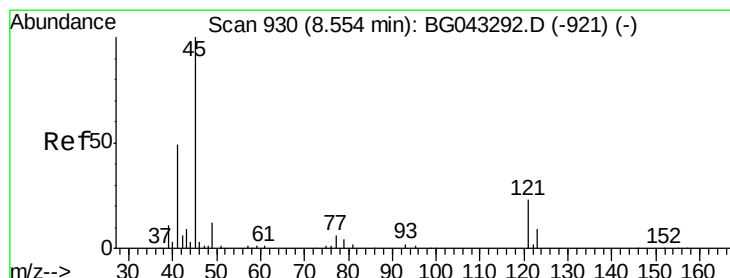
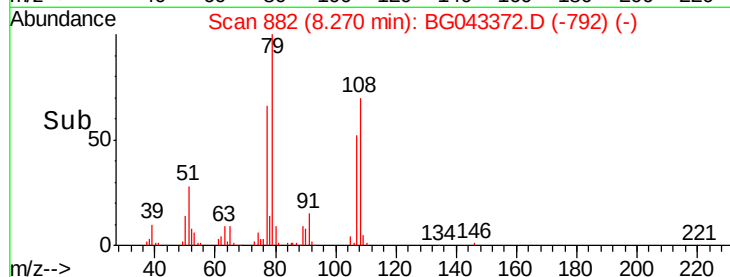
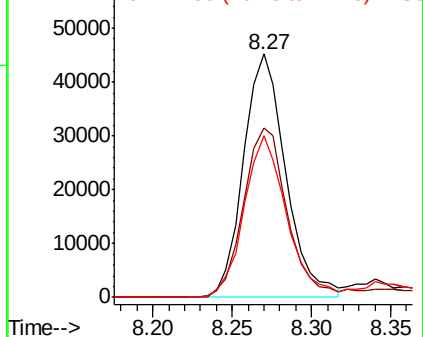
79 100

108 69.6 57.3 85.9

77 66.4 54.6 81.8



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: 38.856 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

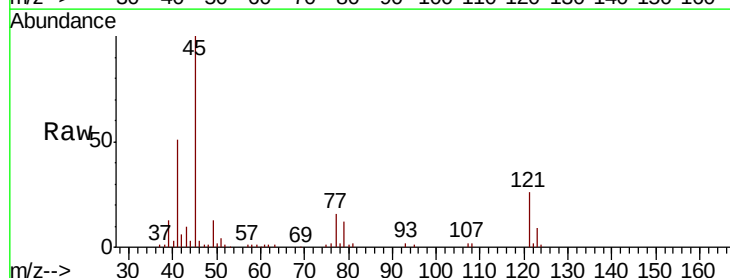
Tgt Ion: 45 Resp: 111514

Ion Ratio Lower Upper

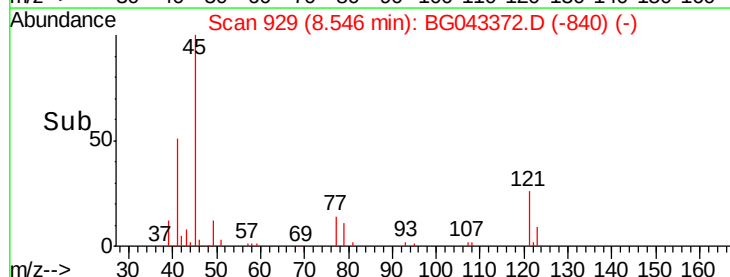
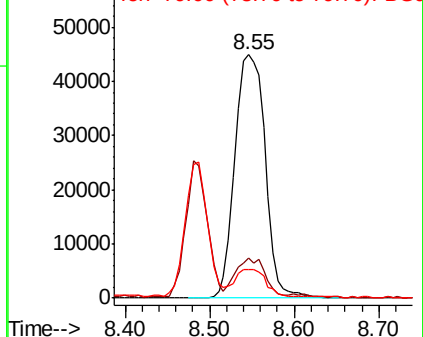
45 100

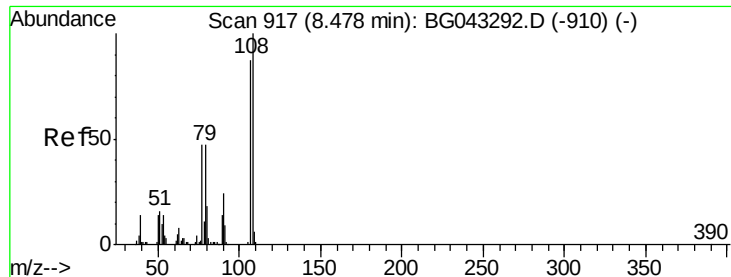
77 16.4 0.0 34.2

79 11.9 0.0 32.3



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





#17

2-Methylphenol

Concen: 45.363 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.01 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 84422

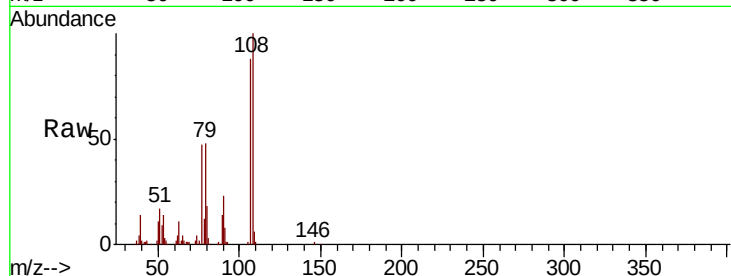
Ion Ratio Lower Upper

107 100

108 113.5 91.3 136.9

77 53.5 43.0 64.6

79 54.9 43.4 65.2

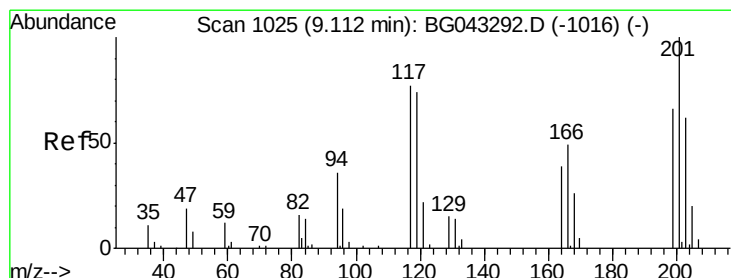
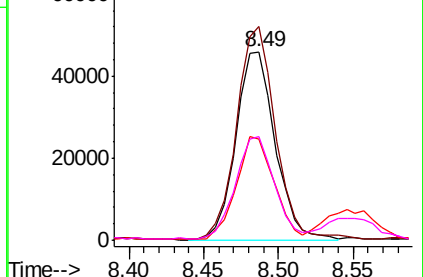
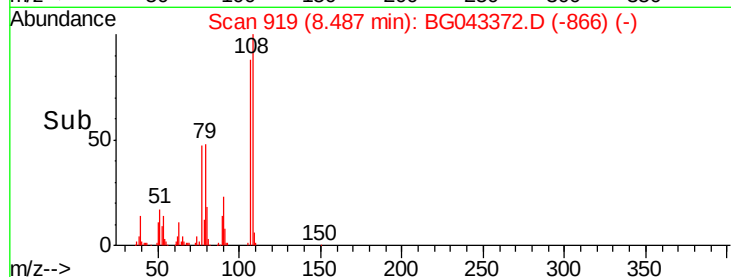


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.155 ng

RT: 9.11 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

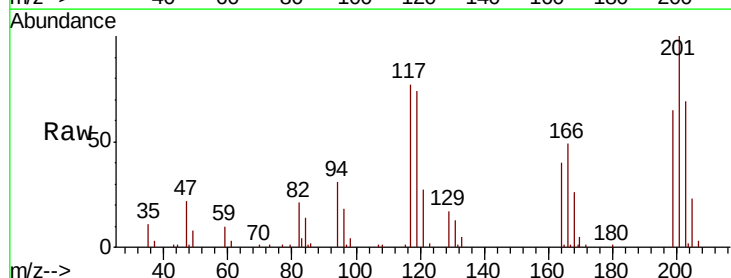
Tgt Ion:117 Resp: 40344

Ion Ratio Lower Upper

117 100

119 97.0 77.3 115.9

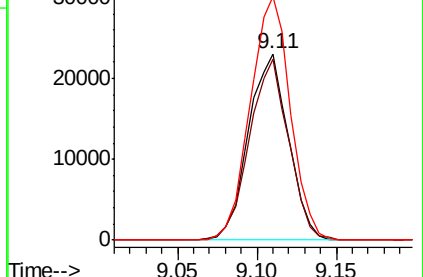
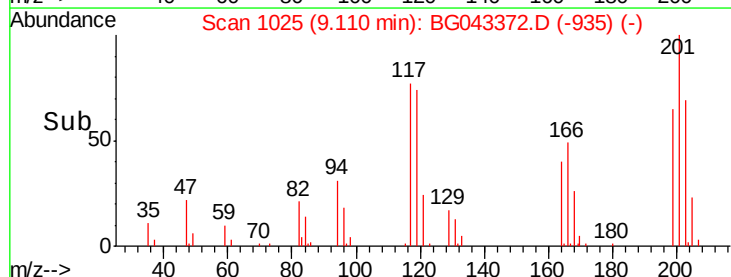
201 130.6 104.2 156.4

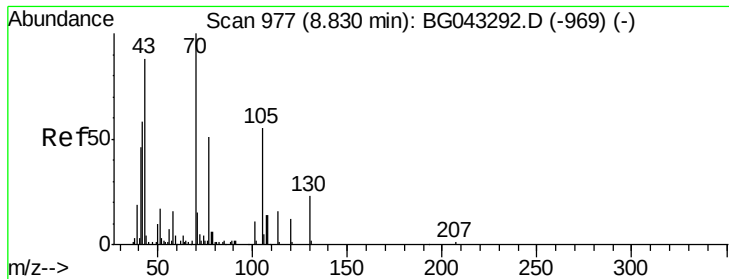


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

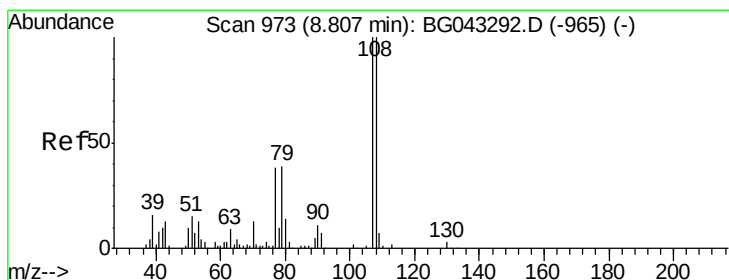
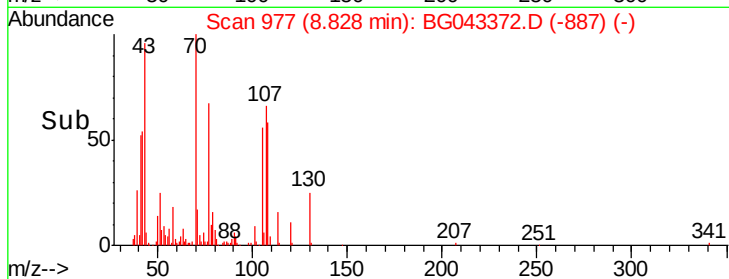
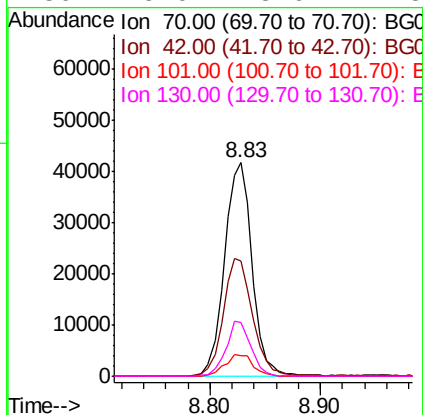
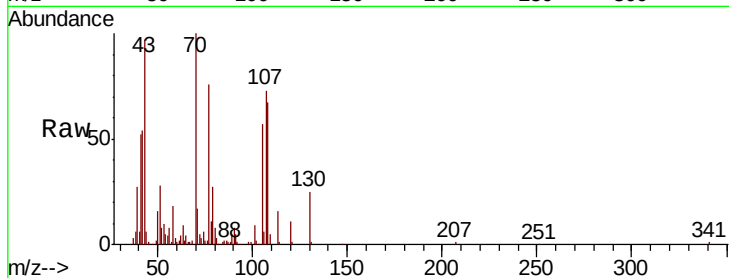




#19
n-Nitroso-di-n-propylamine
Concen: 40.119 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

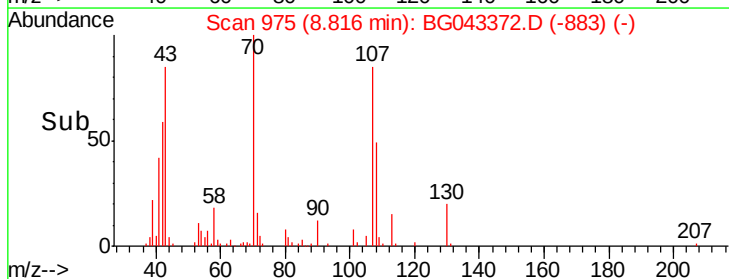
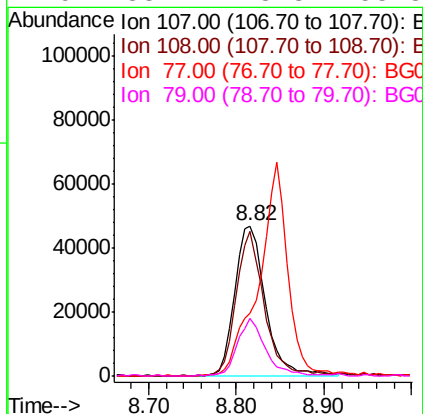
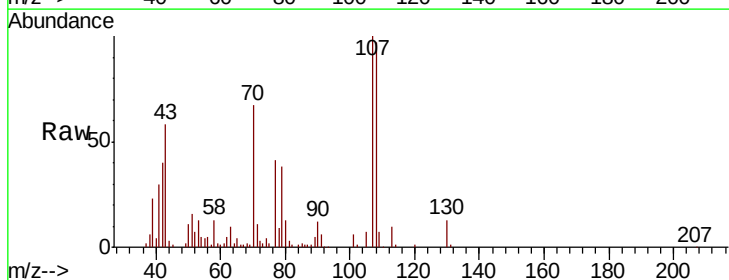
Instrument :
BNA_G
ClientSampleId :

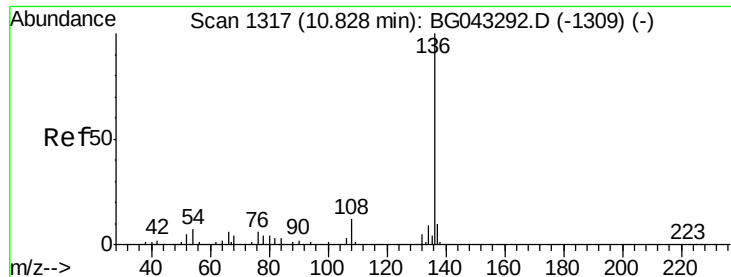
Tot Ion:	70	Resp:	72423
Ion	Ratio	Lower	Upper
70	100		
42	53.7	46.2	69.2
101	9.3	8.6	13.0
130	25.0	18.6	27.8



#20
3+4-Methylphenols
Concen: 43.470 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Tgt Ion:	107	Resp:	110932
Ion	Ratio	Lower	Upper
107	100		
108	96.7	80.3	120.3
77	41.4	18.2	58.2
79	38.2	18.8	58.8

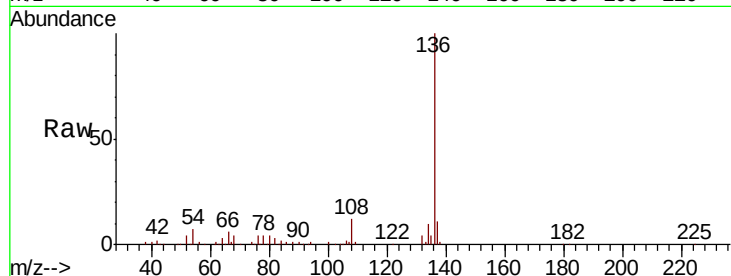




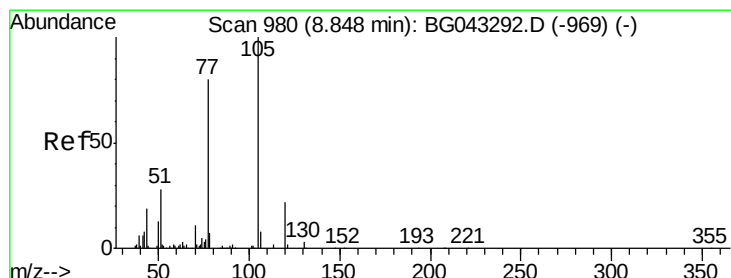
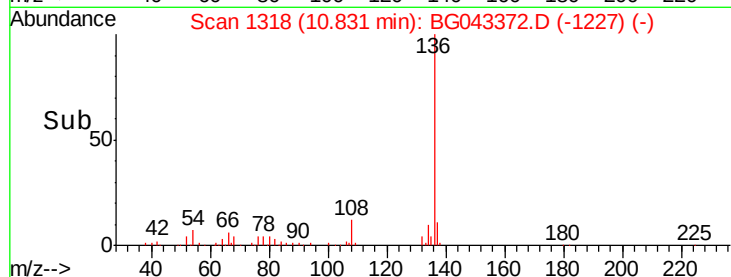
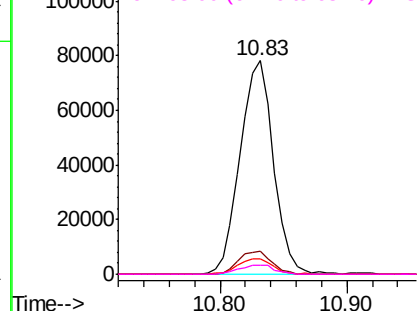
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	142823
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.2	12.2
54 7.1	5.4	8.2
68 4.4	3.3	4.9

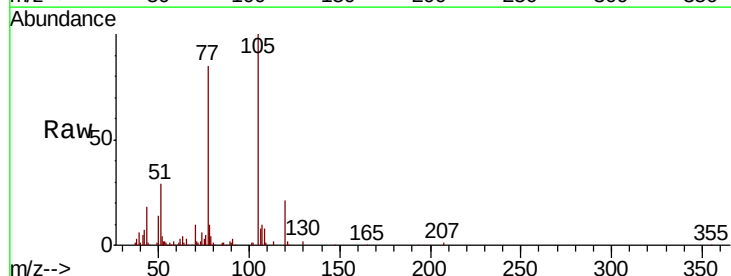


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

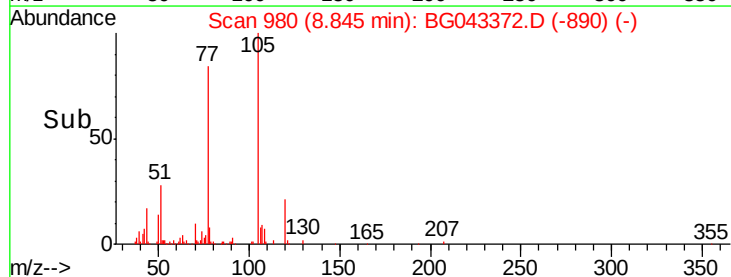
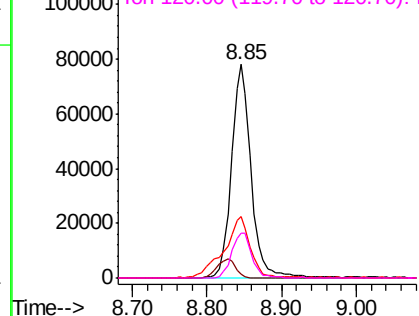


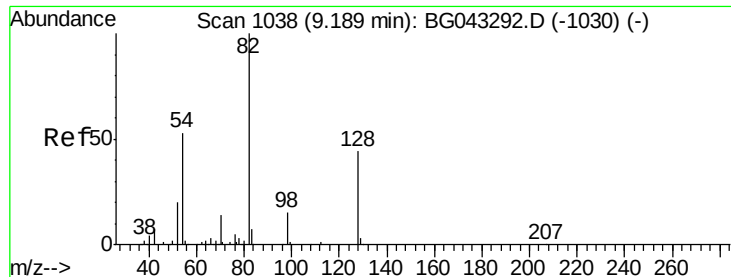
#22
Acetophenone
Concen: 39.016 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Tgt	Ion:105	Resp:	142703
Ion	Ratio	Lower	Upper
105	100		
71	1.9	1.5	2.3
51	28.8	23.9	35.9
120	21.0	17.3	25.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

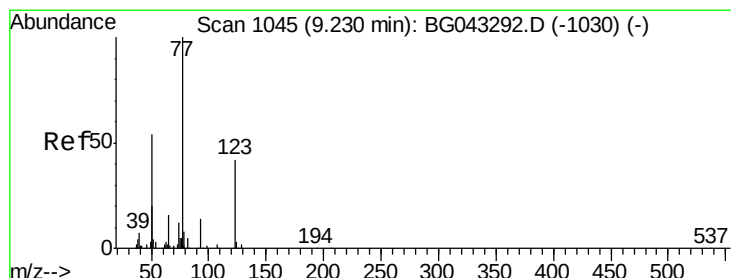
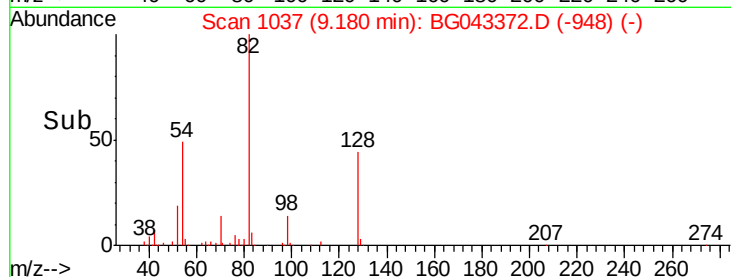
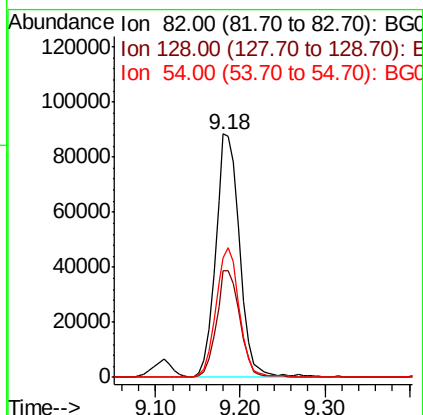
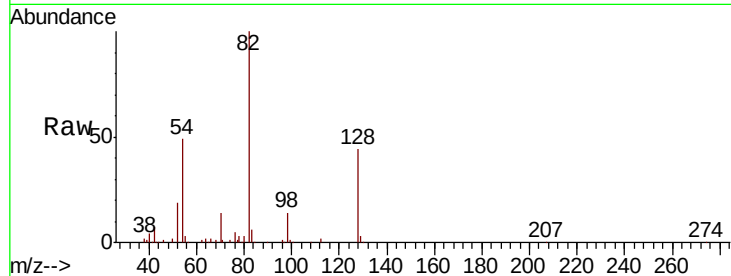




#23
 Nitrobenzene-d5
 Concen: 63.256 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BG043372.D
 Acq: 29 Oct 2019 13:49

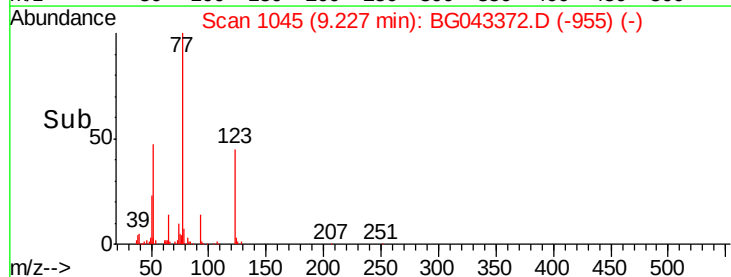
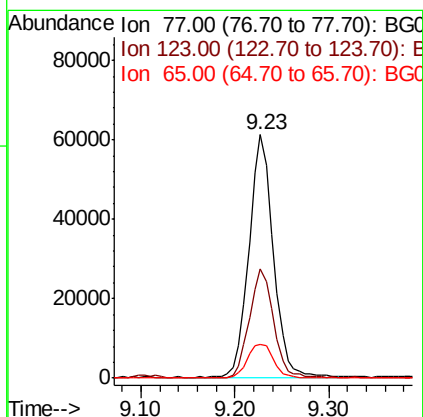
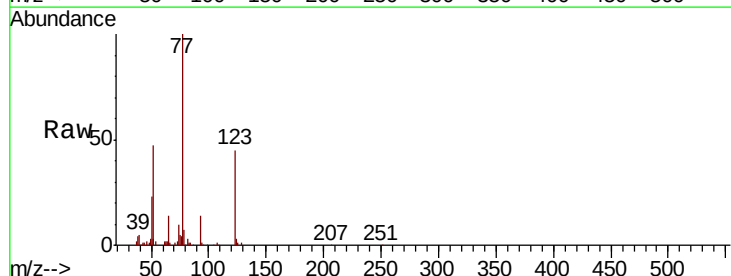
Instrument :
 BNA_G
 ClientSampled :

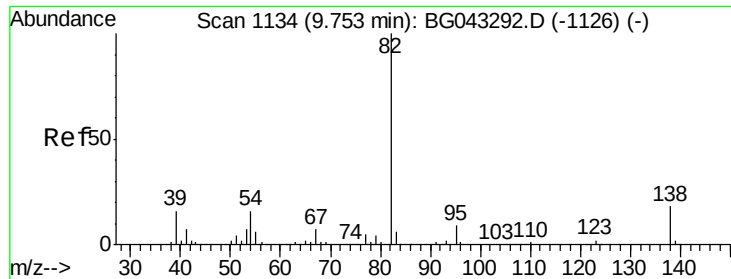
Tot Ion: 82 Resp: 175241
 Ion Ratio Lower Upper
 82 100
 128 43.6 35.3 52.9
 54 48.8 42.3 63.5



#24
 Nitrobenzene
 Concen: 42.163 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BG043372.D
 Acq: 29 Oct 2019 13:49

Tgt Ion: 77 Resp: 111269
 Ion Ratio Lower Upper
 77 100
 123 44.7 33.8 50.8
 65 14.0 13.0 19.4





#25

Isophorone

Concen: 39.533 ng

RT: 9.74 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Instrument :

BNA_G

ClientSampleId :

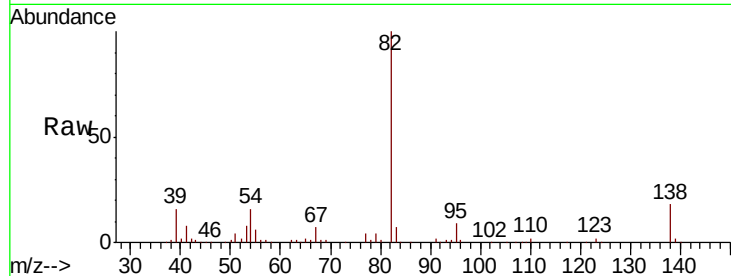
Tot Ion: 82 Resp: 200233

Ion Ratio Lower Upper

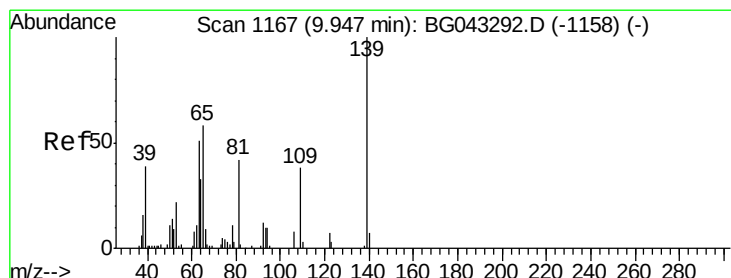
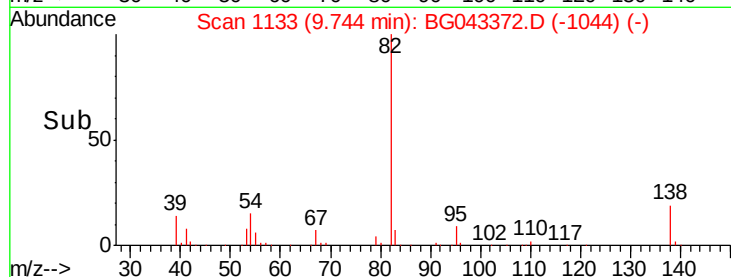
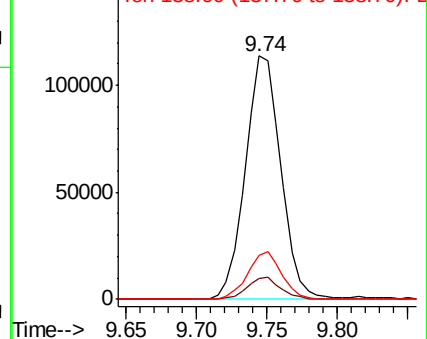
82 100

95 8.6 6.9 10.3

138 18.0 14.2 21.2



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



#26

2-Nitrophenol

Concen: 44.410 ng

RT: 9.94 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

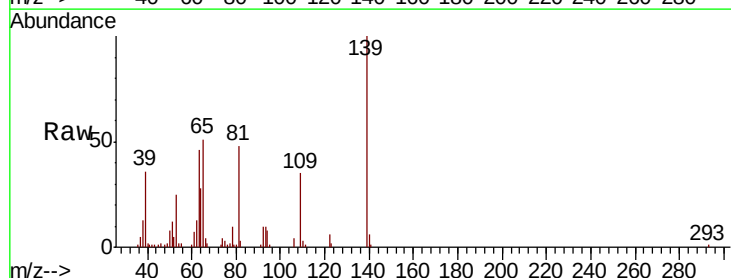
Tgt Ion: 139 Resp: 56582

Ion Ratio Lower Upper

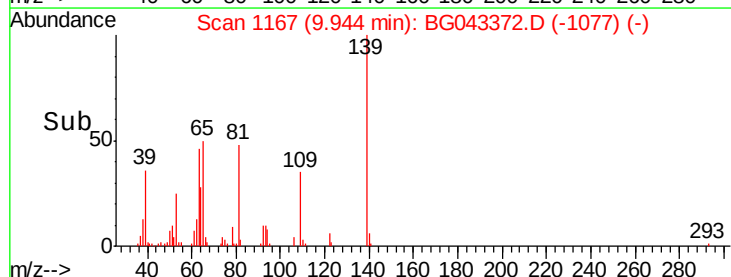
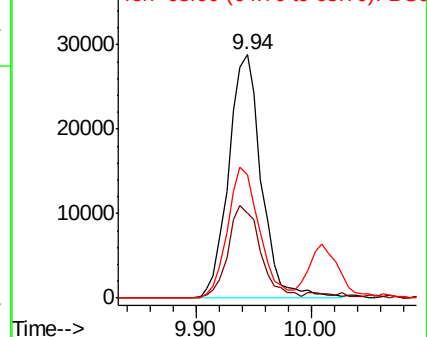
139 100

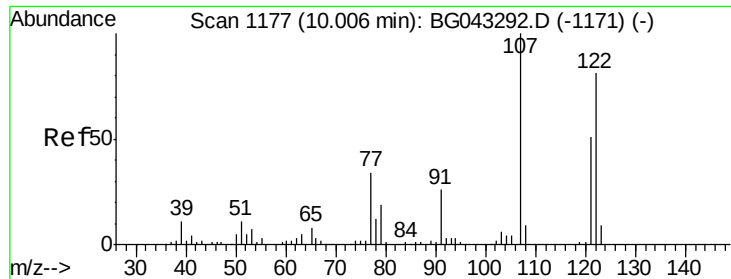
109 35.0 30.1 45.1

65 50.9 46.1 69.1



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

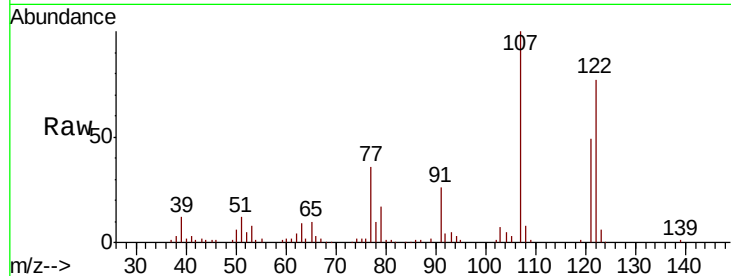




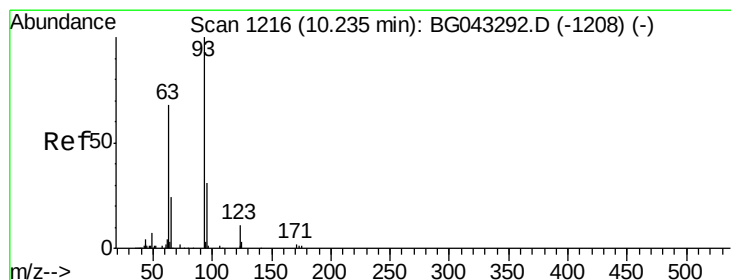
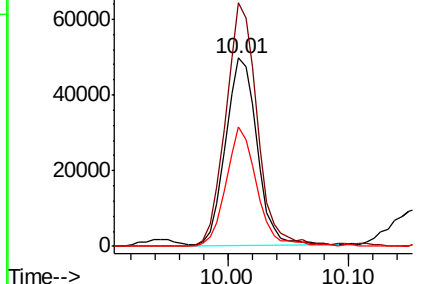
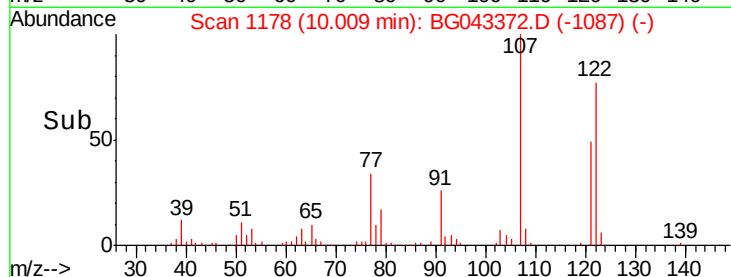
#27
 2,4-Dimethylphenol
 Concen: 49.387 ng
 RT: 10.01 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BG043372.D
 Acq: 29 Oct 2019 13:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 90186
 Ion Ratio Lower Upper
 122 100
 107 129.3 98.6 147.8
 121 63.4 50.1 75.1

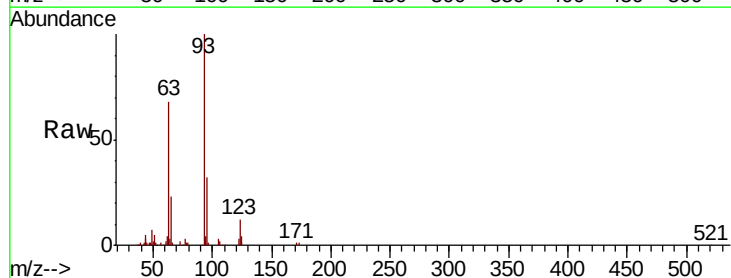


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

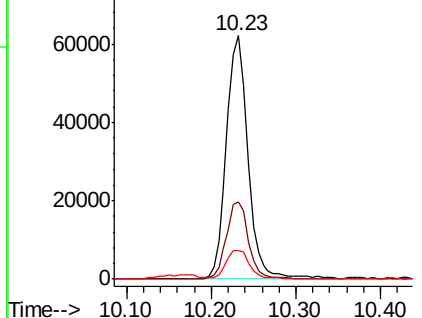
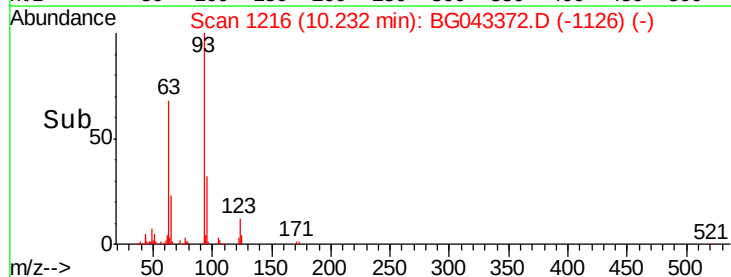


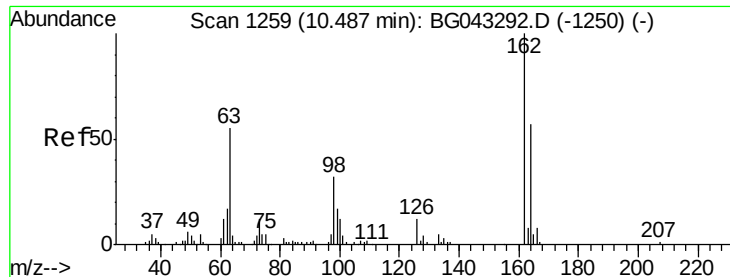
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.477 ng
 RT: 10.23 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BG043372.D
 Acq: 29 Oct 2019 13:49

Tgt Ion: 93 Resp: 110355
 Ion Ratio Lower Upper
 93 100
 95 31.9 24.9 37.3
 123 11.5 8.9 13.3



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

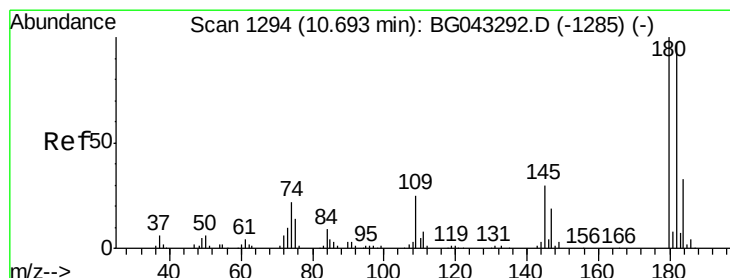
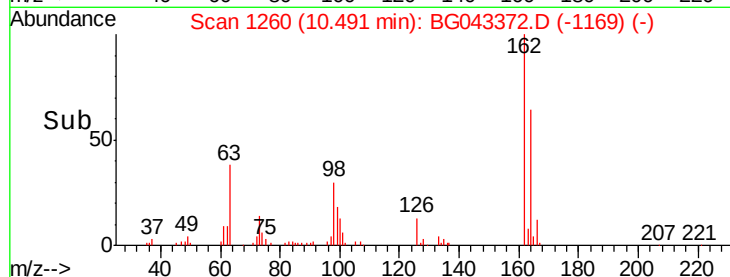
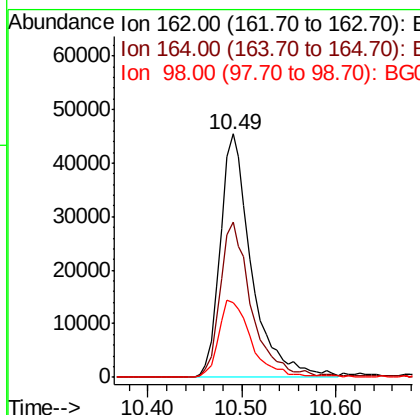
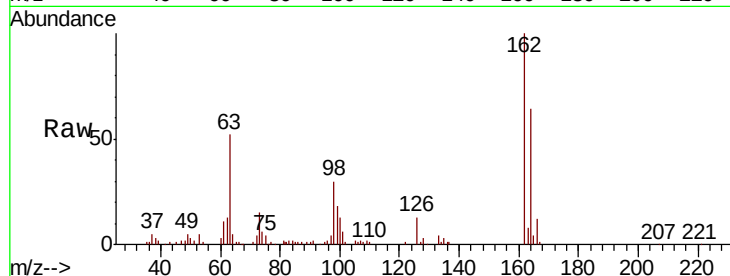




#29
 2,4-Dichlorophenol
 Concen: 44.929 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BG043372.D
 Acq: 29 Oct 2019 13:49

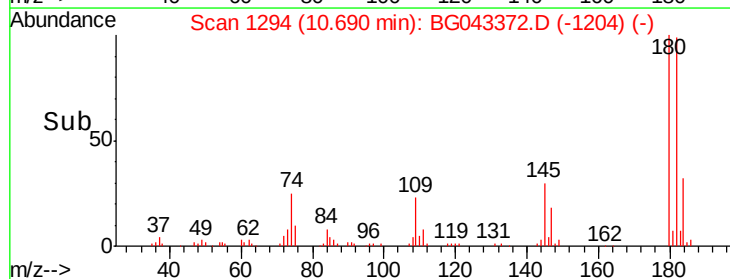
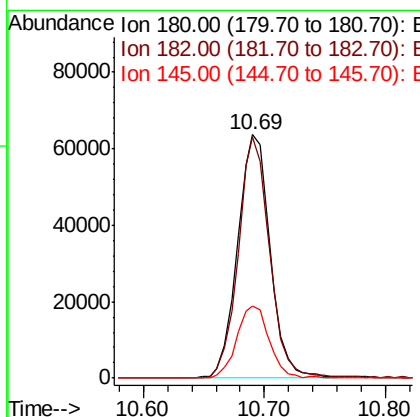
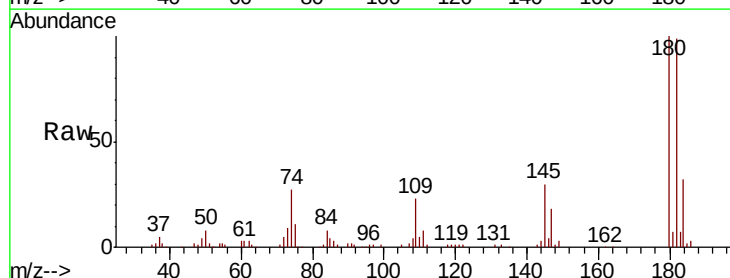
Instrument :
 BNA_G
 ClientSampleId :

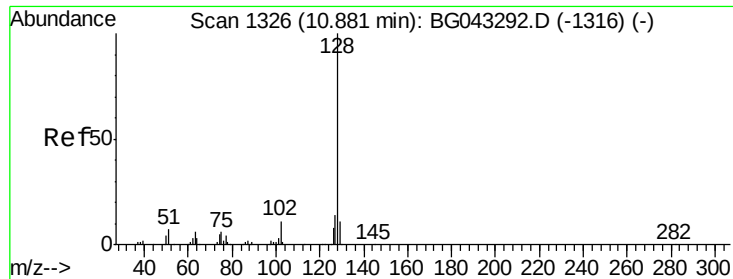
Tot Ion:162 Resp: 105122
 Ion Ratio Lower Upper
 162 100
 164 63.7 37.3 77.3
 98 30.5 11.8 51.8



#30
 1,2,4-Trichlorobenzene
 Concen: 40.554 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BG043372.D
 Acq: 29 Oct 2019 13:49

Tgt Ion:180 Resp: 119591
 Ion Ratio Lower Upper
 180 100
 182 98.8 77.8 116.8
 145 29.8 23.6 35.4

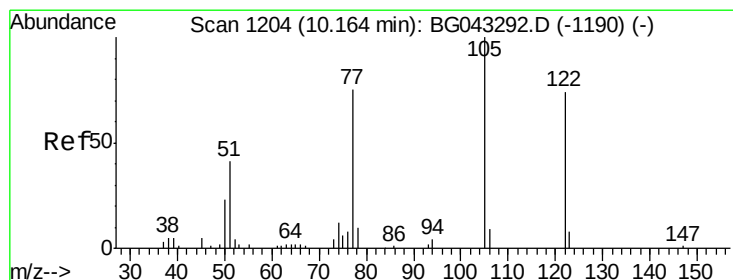
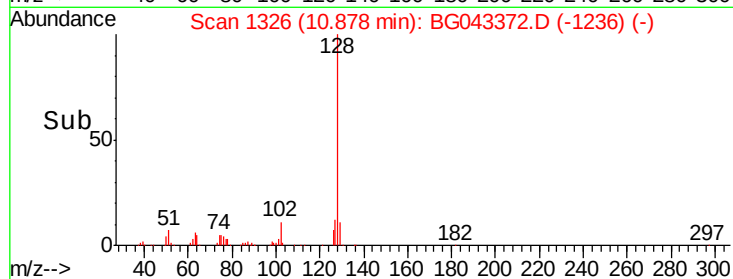
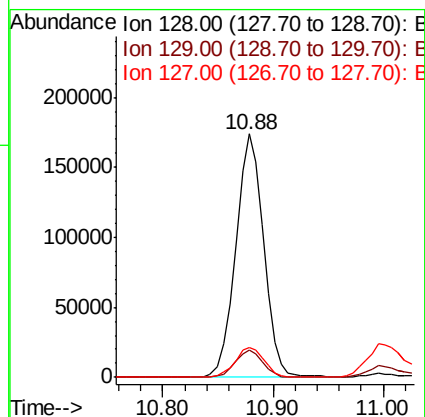
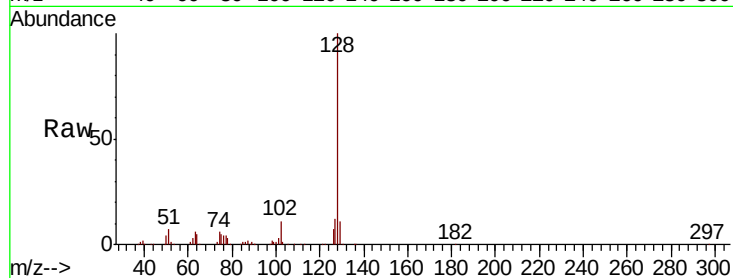




#31
Naphthalene
Concen: 42.591 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

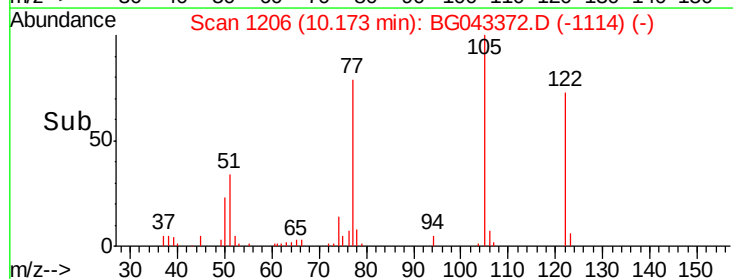
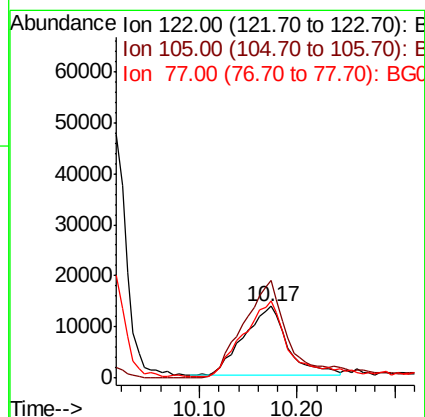
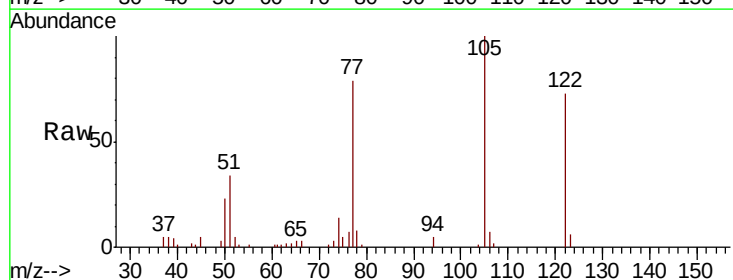
Instrument :
BNA_G
ClientSampleId :

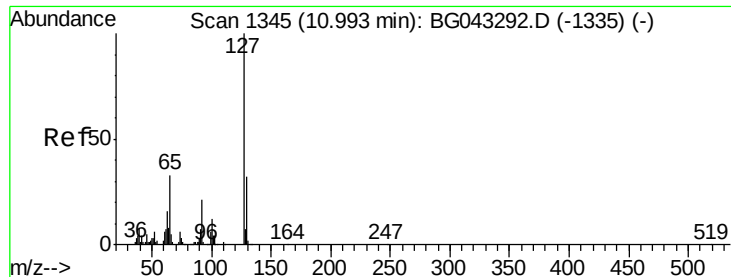
Tot Ion:128 Resp: 308769
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 12.2 11.5 17.3



#32
Benzoic acid
Concen: 34.151 ng
RT: 10.17 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Tgt Ion:122 Resp: 43132
Ion Ratio Lower Upper
122 100
105 136.8 112.4 152.4
77 108.2 82.7 122.7

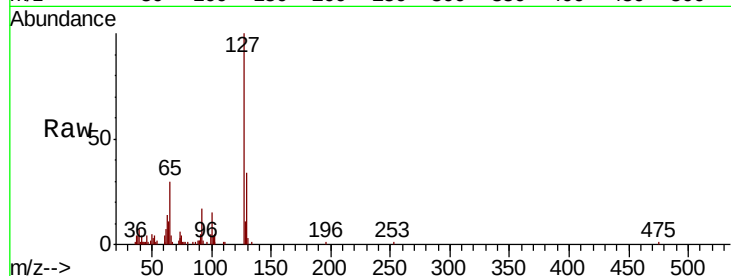




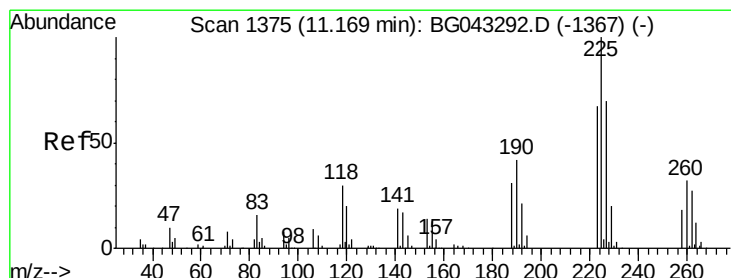
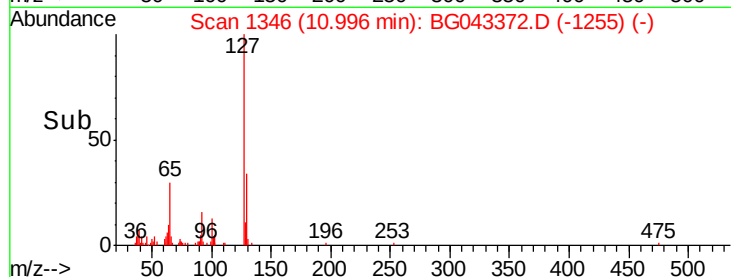
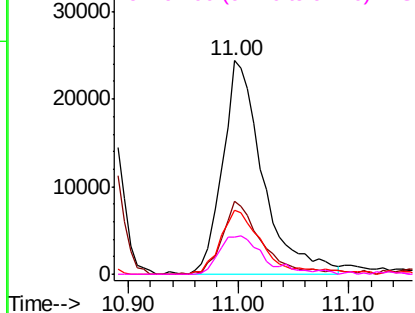
#33
4-Chloroaniline
Concen: 20.910 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	62138
Ion Ratio	Lower	Upper
127	100	
129	34.3	25.8 38.8
65	30.0	26.2 39.2
92	17.1	17.0 25.4

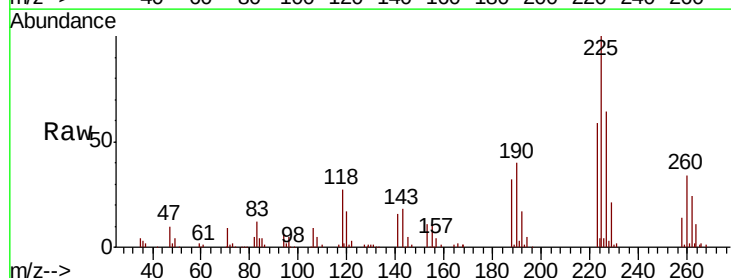


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

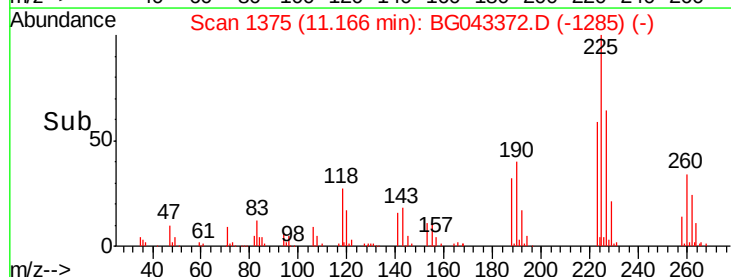
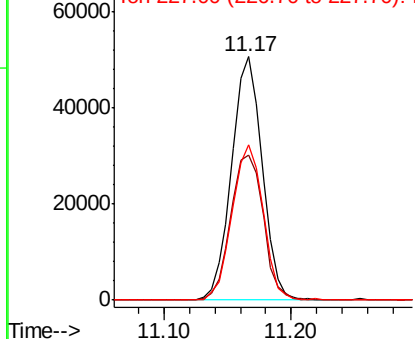


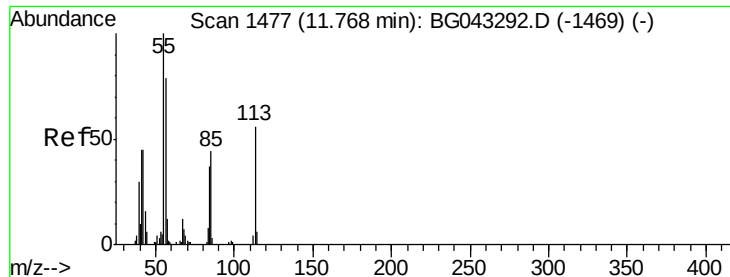
#34
Hexachlorobutadiene
Concen: 38.779 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Tgt Ion:225	Resp:	84535
Ion Ratio	Lower	Upper
225	100	
223	59.4	53.2 79.8
227	63.8	56.2 84.2



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

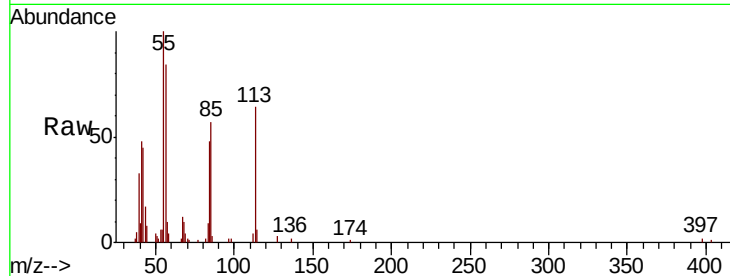




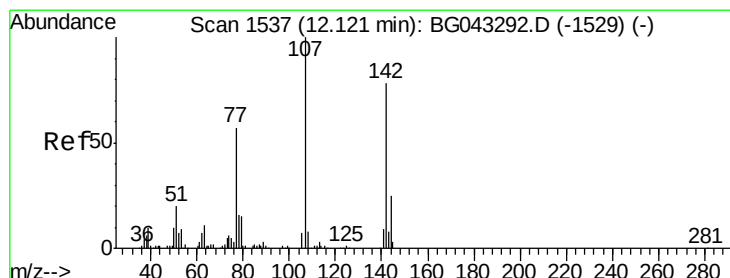
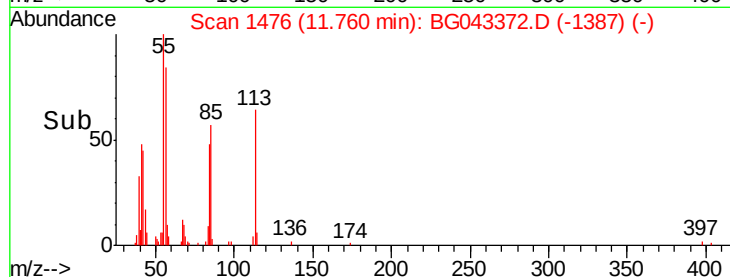
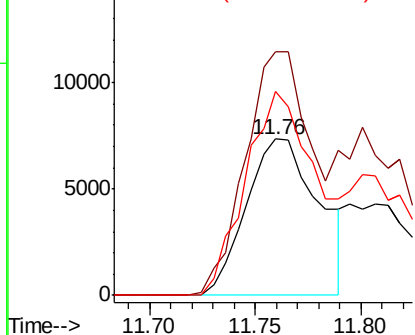
#35
 Caprolactam
 Concen: 21.702 ng
 RT: 11.76 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BG043372.D
 Acq: 29 Oct 2019 13:49

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:113 Resp: 17488
 Ion Ratio Lower Upper
 113 100
 55 155.9 158.9 198.9#
 56 130.3 121.4 161.4

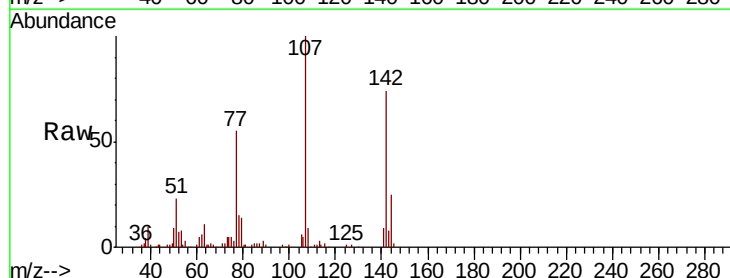


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

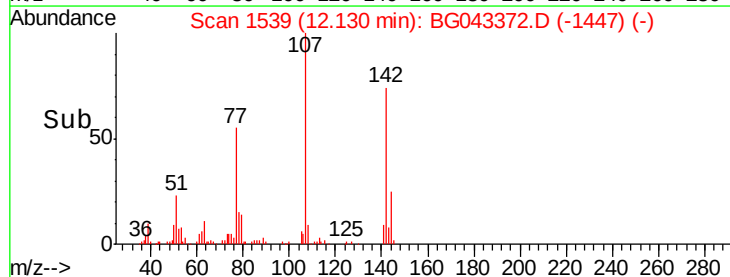
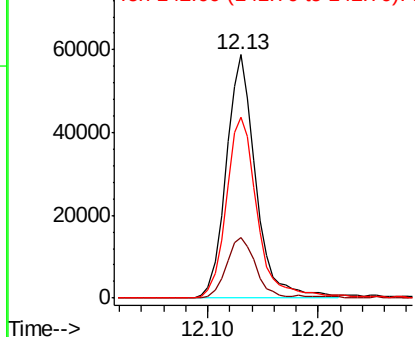


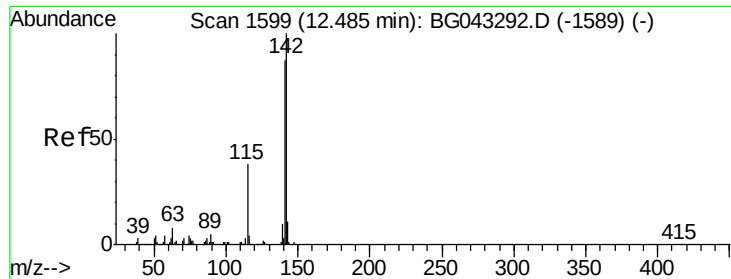
#36
 4-Chloro-3-methylphenol
 Concen: 43.114 ng
 RT: 12.13 min Scan# 1539
 Delta R.T. 0.01 min
 Lab File: BG043372.D
 Acq: 29 Oct 2019 13:49

Tgt Ion:107 Resp: 110034
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.9 29.9
 142 74.3 62.1 93.1



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

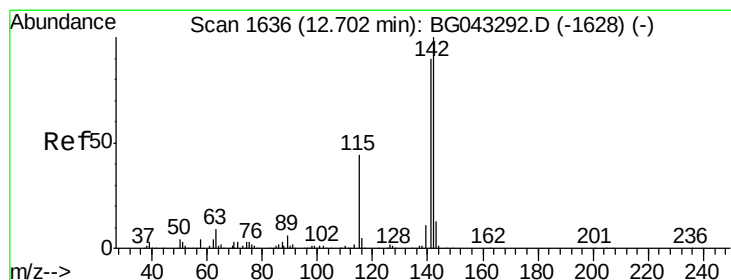
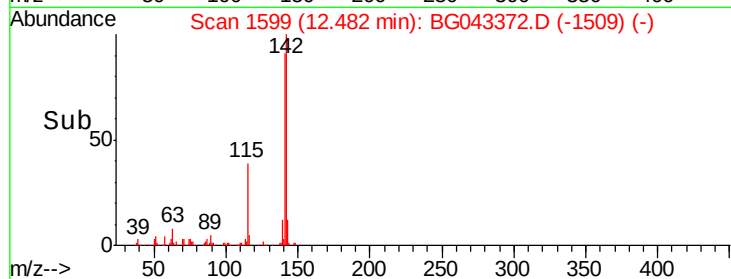
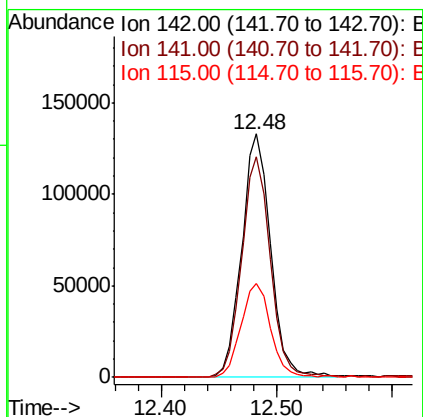
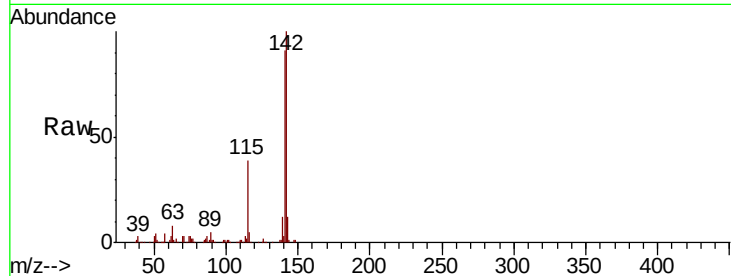




#37
2-Methylnaphthalene
Concen: 41.632 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

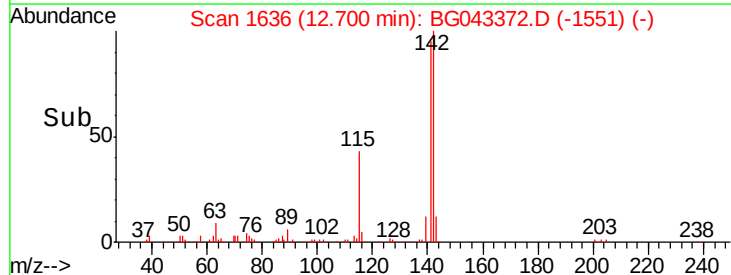
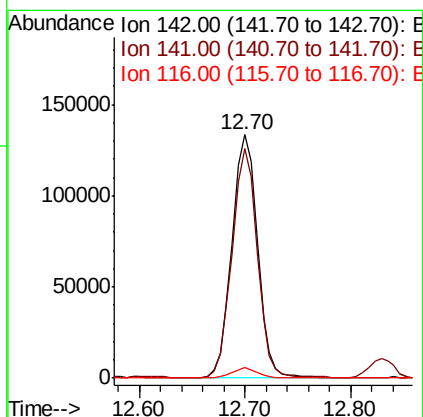
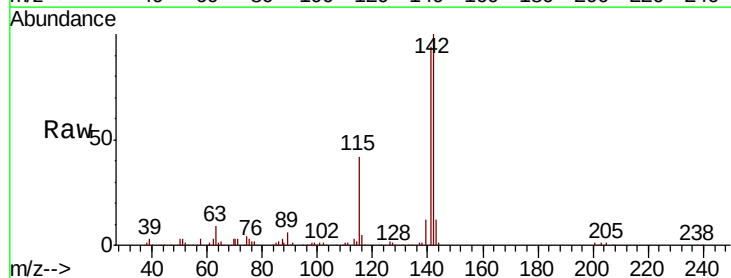
Instrument :
BNA_G
ClientSampleId :

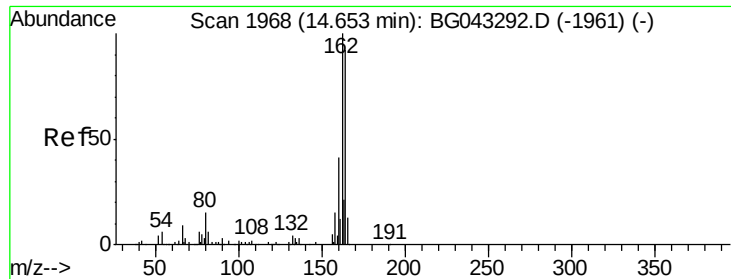
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	69.7	104.5
115	38.6	30.6	46.0



#38
1-Methylnaphthalene
Concen: 41.788 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.4	72.3	108.5
116	4.6	3.8	5.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Instrument :

BNA_G

ClientSampleId :

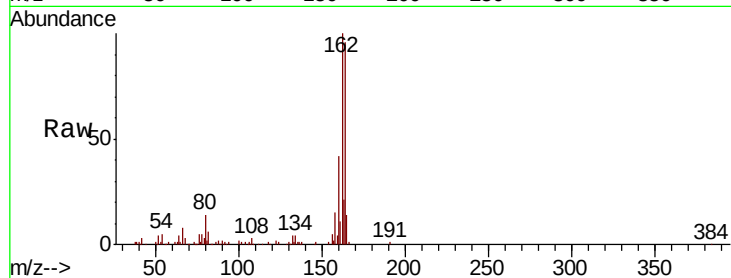
Tot Ion:164 Resp: 106696

Ion Ratio Lower Upper

164 100

162 104.3 87.0 130.4

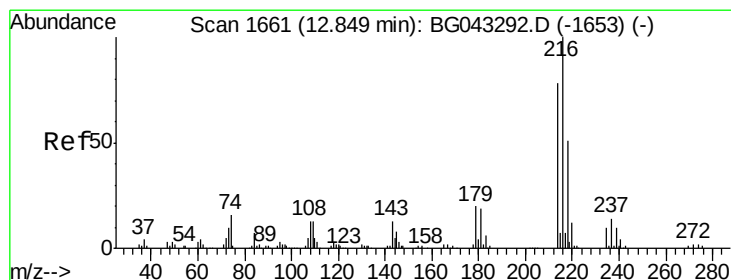
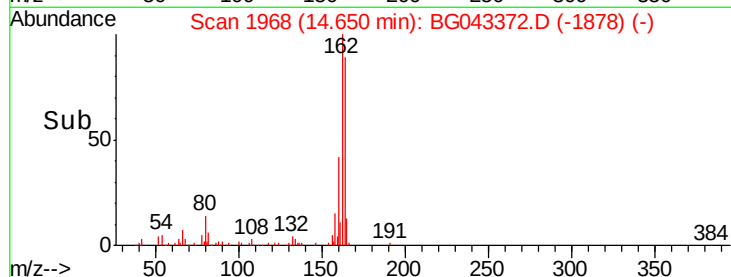
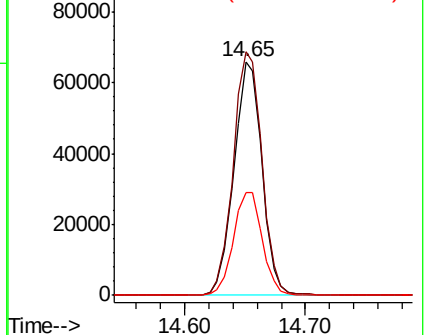
160 44.0 35.5 53.3



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: 37.557 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Tgt Ion:216 Resp: 148300

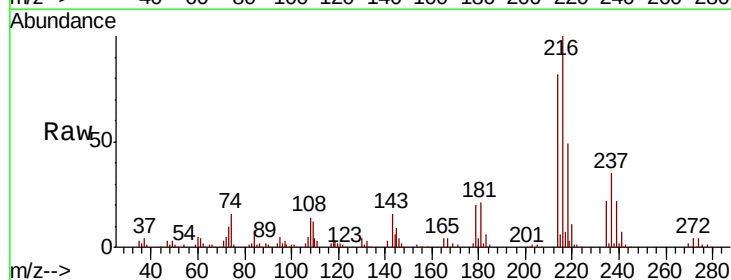
Ion Ratio Lower Upper

216 100

214 79.8 63.5 95.3

179 19.1 16.2 24.2

108 16.5 11.2 16.8

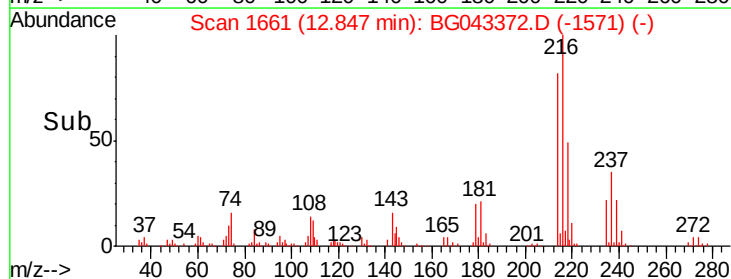
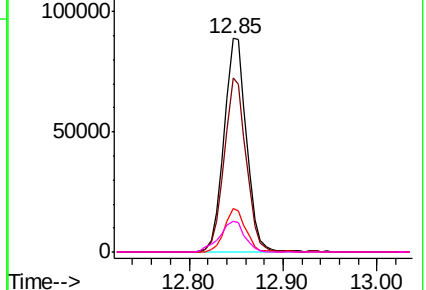


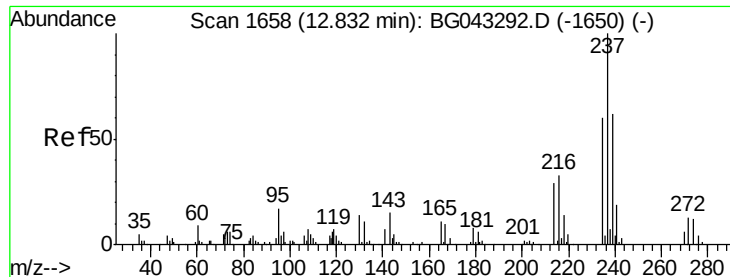
Abundance Ion 216.00 (215.70 to 216.70): E

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: 86.111 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Instrument :

BNA_G

ClientSampleId :

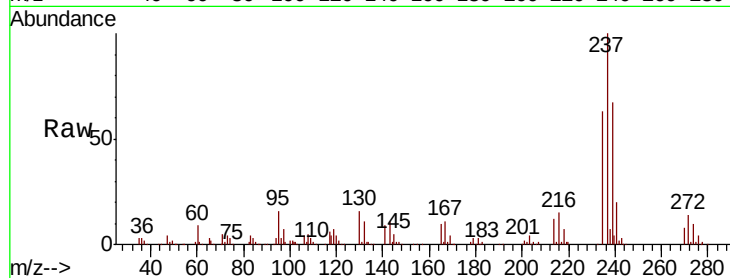
Tot Ion:237 Resp: 178617

Ion Ratio Lower Upper

237 100

235 63.1 40.3 80.3

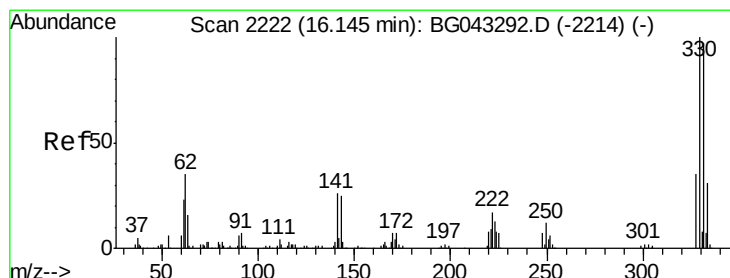
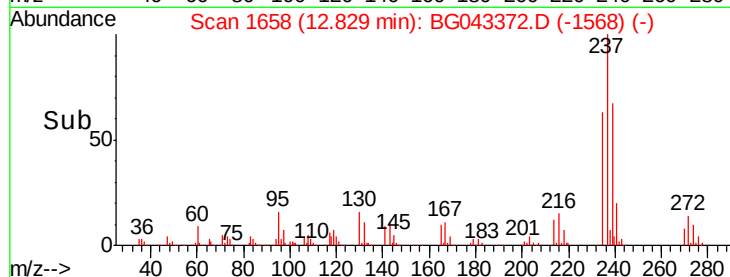
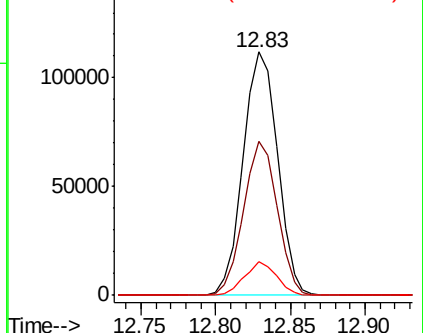
272 13.7 0.0 32.9



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: 106.803 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

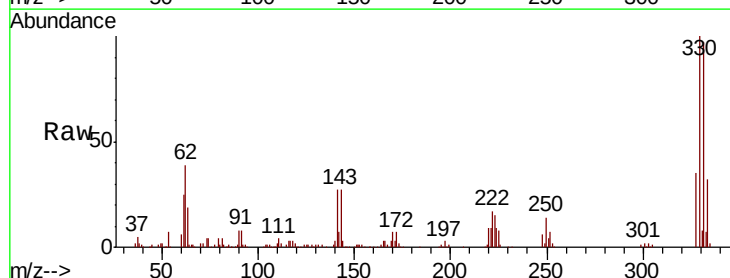
Tgt Ion:330 Resp: 216855

Ion Ratio Lower Upper

330 100

332 97.8 76.4 114.6

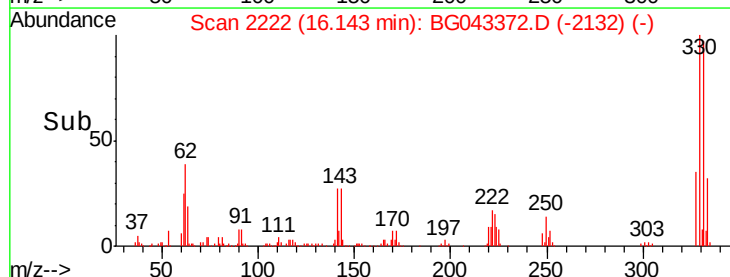
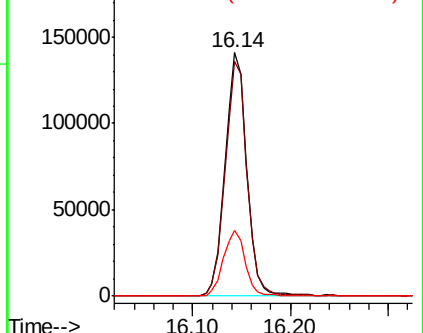
141 27.4 21.4 32.0

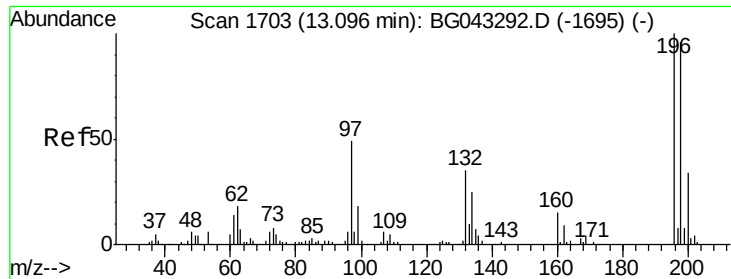


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

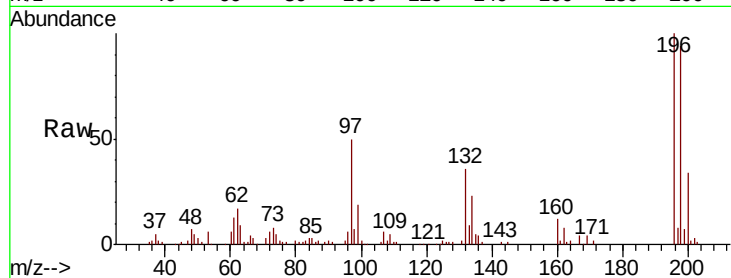




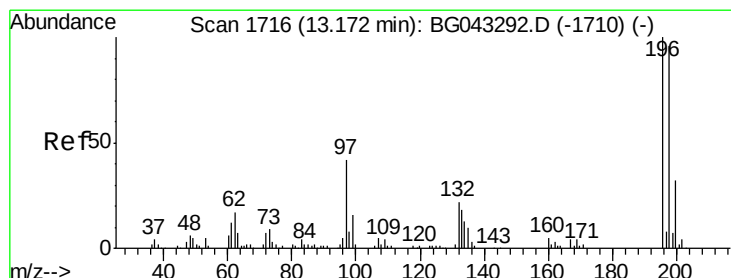
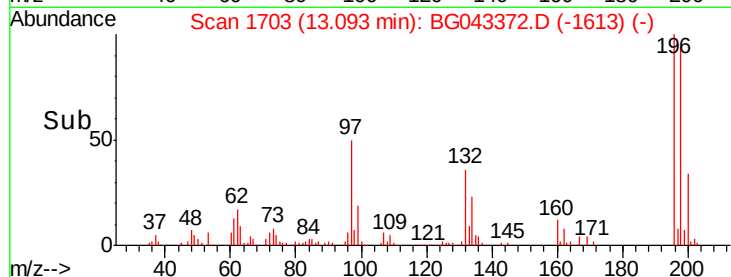
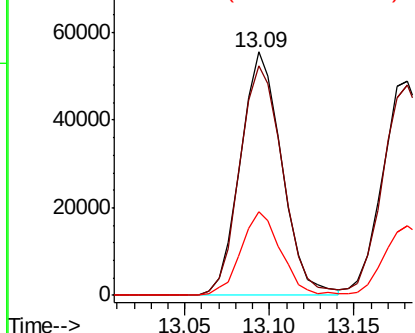
#43
 2,4,6-Trichlorophenol
 Concen: 40.886 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043372.D
 Acq: 29 Oct 2019 13:49

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 95076
 Ion Ratio Lower Upper
 196 100
 198 94.3 77.0 115.4
 200 34.3 27.4 41.2

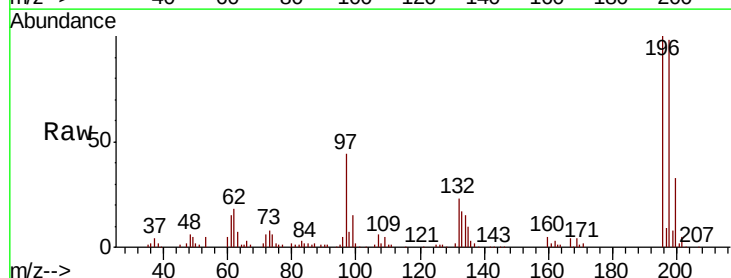


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

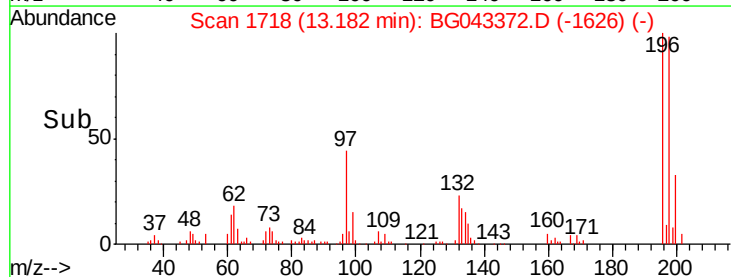
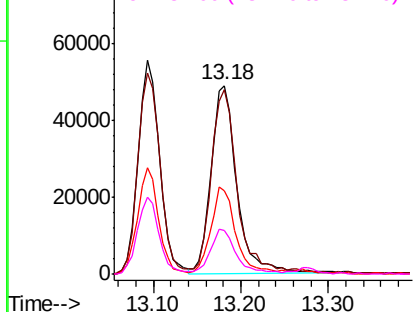


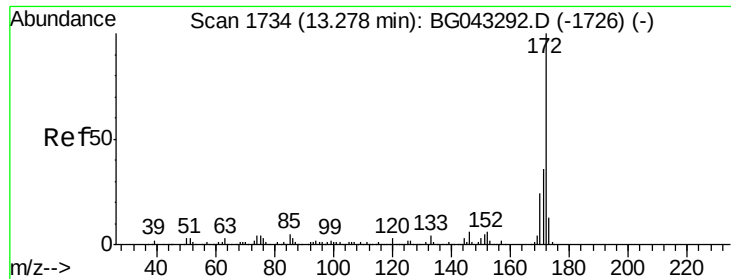
#44
 2,4,5-Trichlorophenol
 Concen: 42.657 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. 0.01 min
 Lab File: BG043372.D
 Acq: 29 Oct 2019 13:49

Tgt Ion:196 Resp: 100284
 Ion Ratio Lower Upper
 196 100
 198 97.8 76.6 114.8
 97 44.0 34.1 51.1
 132 23.0 18.2 27.4



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

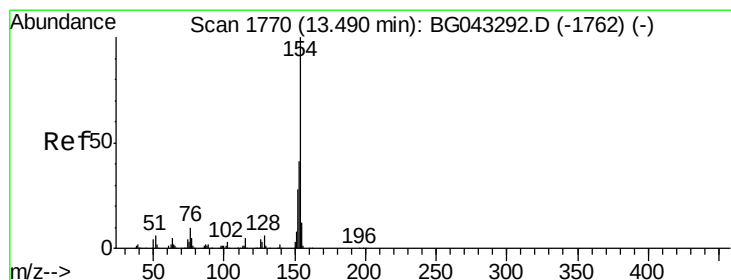
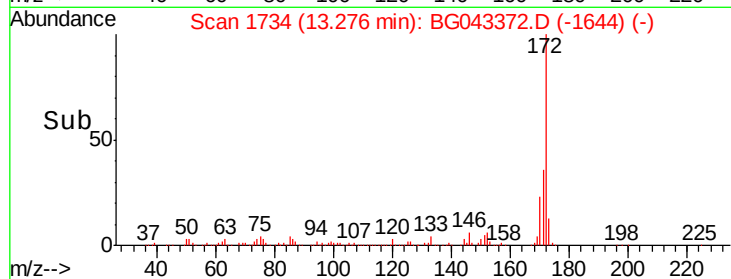
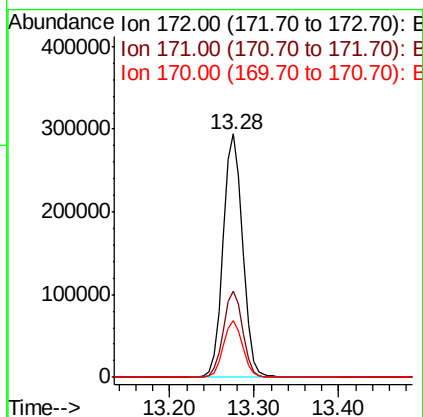
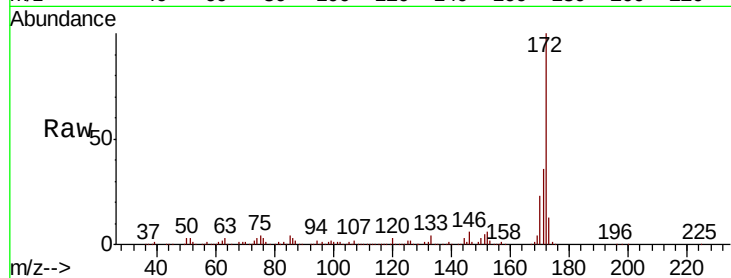




#45
 2-Fluorobiphenyl
 Concen: 60.888 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG043372.D
 Acq: 29 Oct 2019 13:49

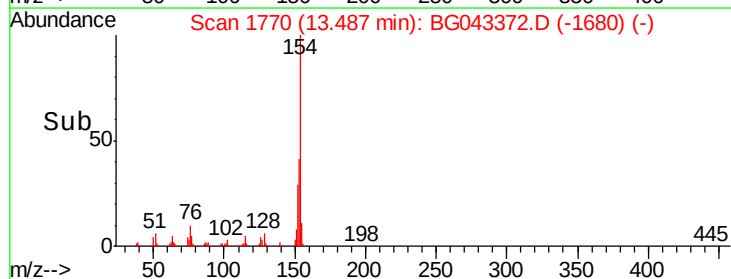
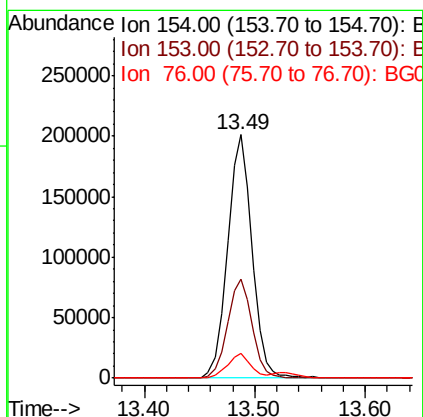
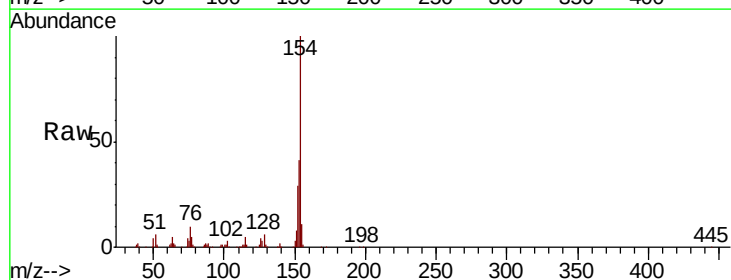
Instrument :
 BNA_G
 ClientSampleId :

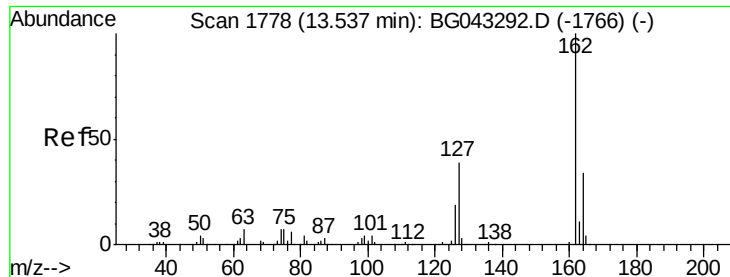
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	23.1	18.8	28.2



#46
 1,1'-Biphenyl
 Concen: 38.327 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: BG043372.D
 Acq: 29 Oct 2019 13:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.0	61.0
76	10.0	0.0	29.8





#47

2-Chloronaphthalene

Concen: 39.325 ng

RT: 13.53 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Instrument :

BNA_G

ClientSampleId :

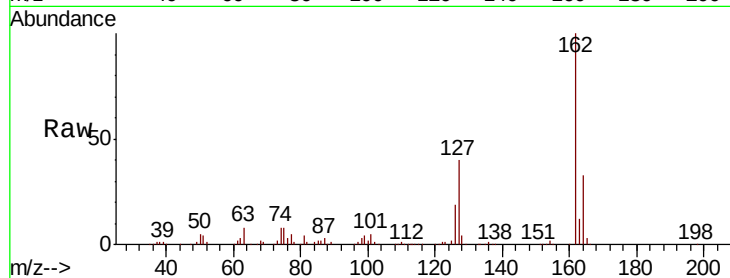
Tot Ion:162 Resp: 242867

Ion Ratio Lower Upper

162 100

127 39.8 31.3 46.9

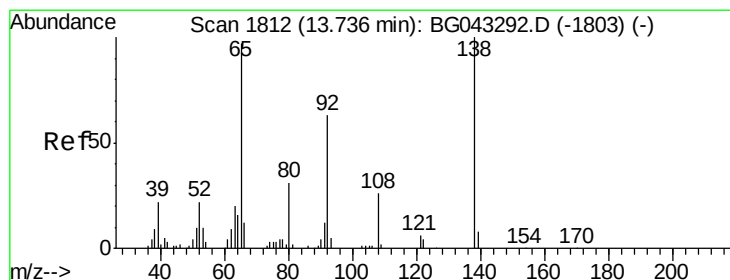
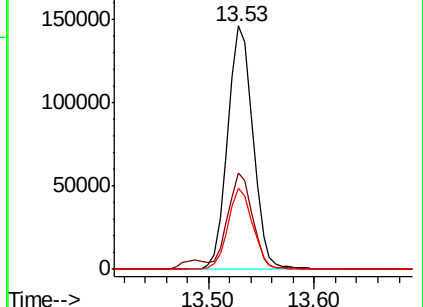
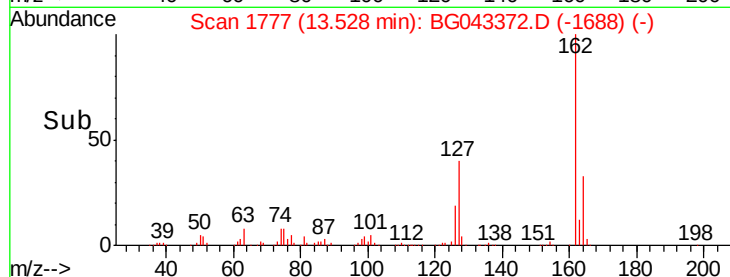
164 33.4 26.8 40.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 38.110 ng

RT: 13.74 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

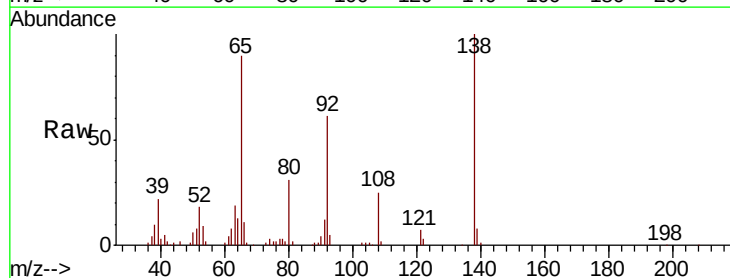
Tgt Ion: 65 Resp: 70345

Ion Ratio Lower Upper

65 100

92 67.3 52.6 79.0

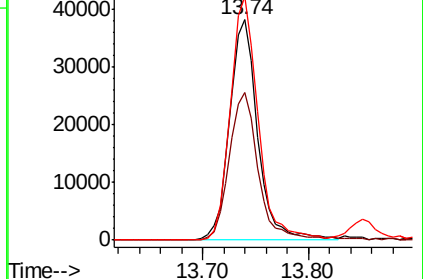
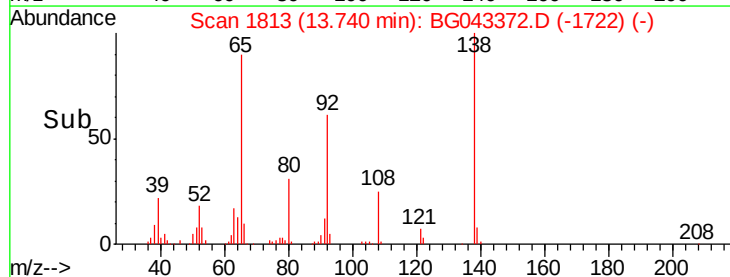
138 110.6 82.9 124.3

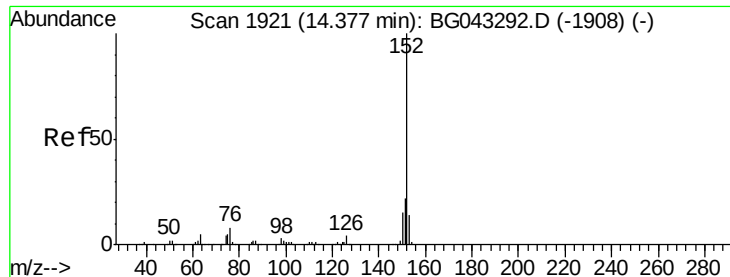


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.074 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Instrument :

BNA_G

ClientSampleId :

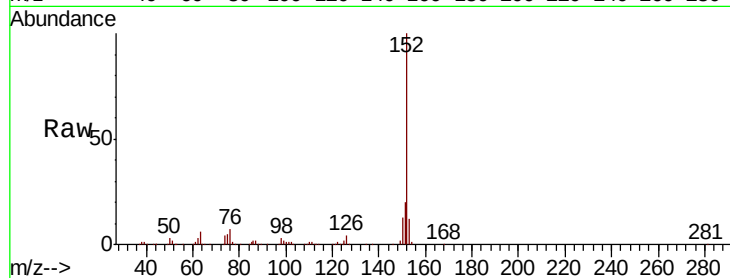
Tot Ion:152 Resp: 394799

Ion Ratio Lower Upper

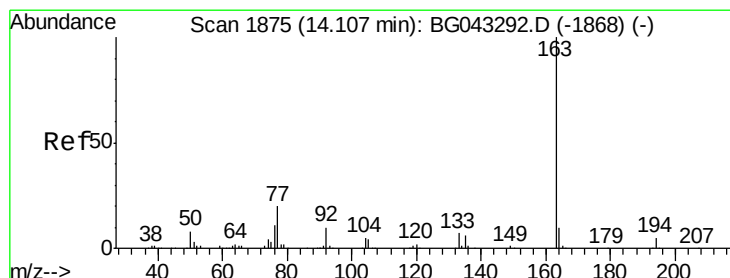
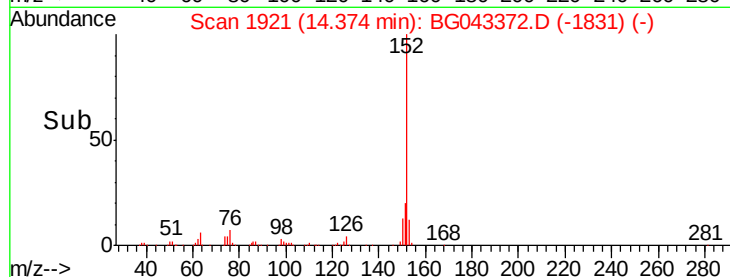
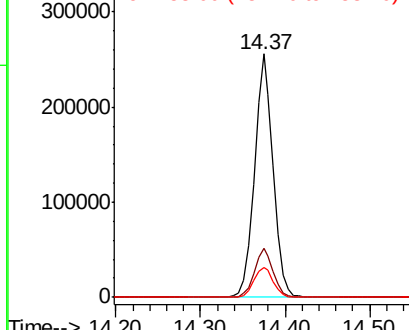
152 100

151 20.3 17.2 25.8

153 12.3 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.915 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

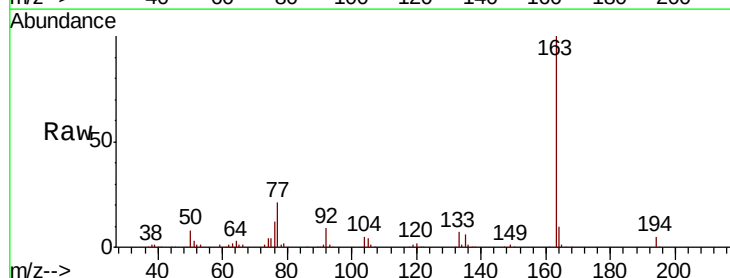
Tgt Ion:163 Resp: 313343

Ion Ratio Lower Upper

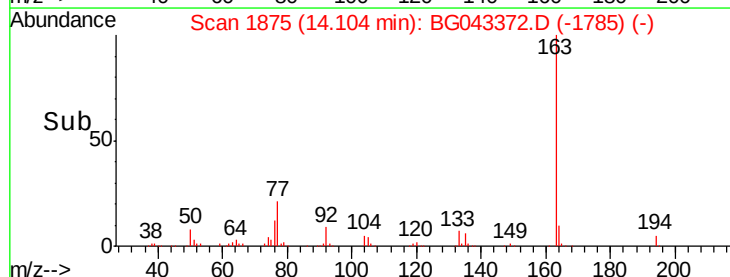
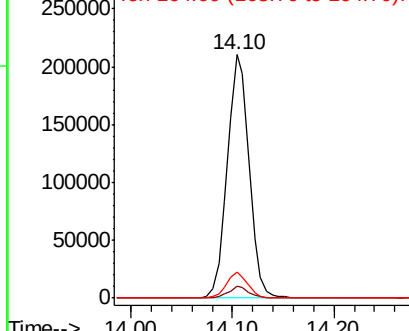
163 100

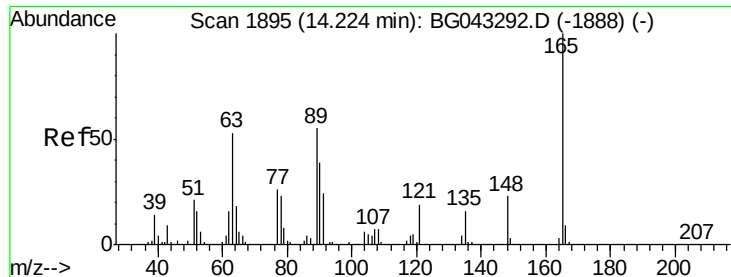
194 4.9 3.7 5.5

164 10.5 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.946 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Instrument :

BNA_G

ClientSampled :

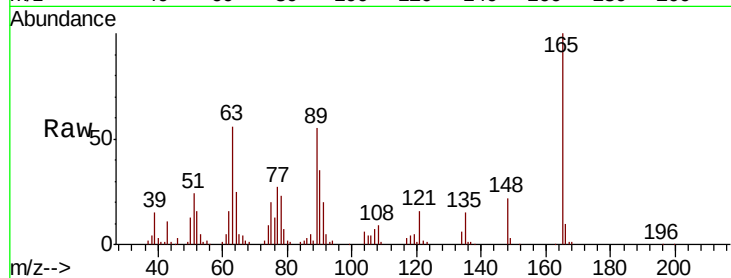
Tot Ion:165 Resp: 71720

Ion Ratio Lower Upper

165 100

63 55.7 47.1 70.7

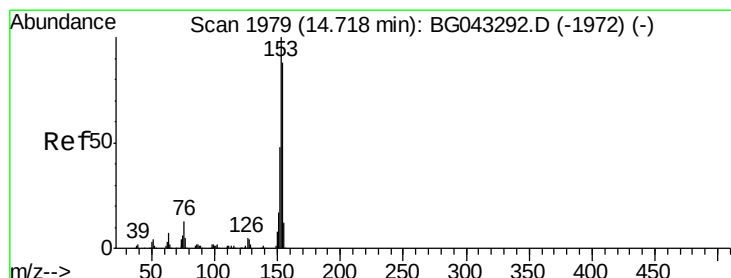
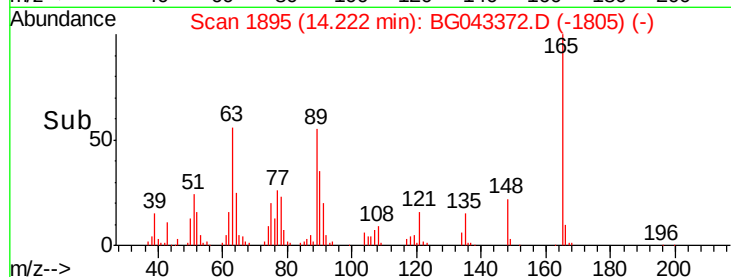
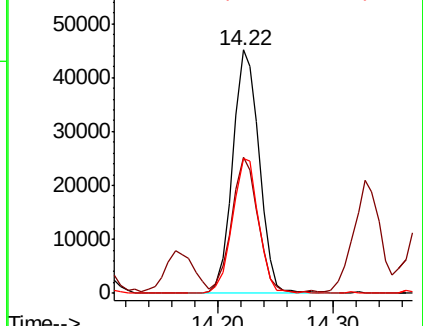
89 55.5 43.7 65.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 39.329 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

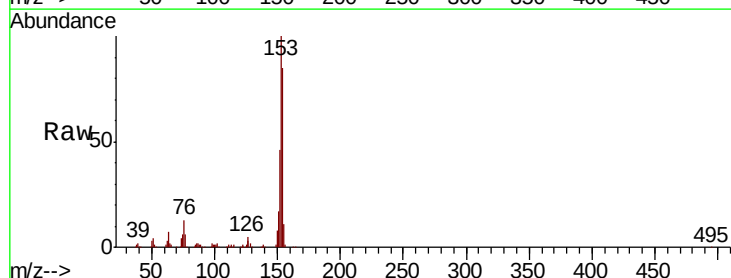
Tgt Ion:154 Resp: 230531

Ion Ratio Lower Upper

154 100

153 117.6 90.9 136.3

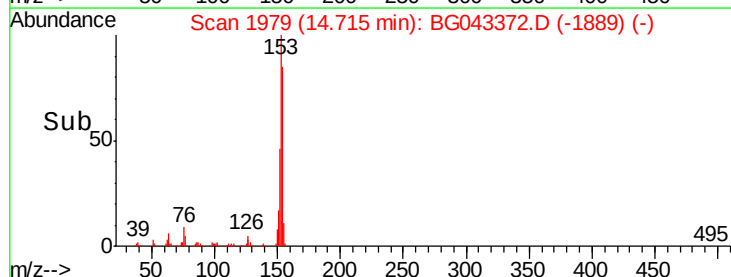
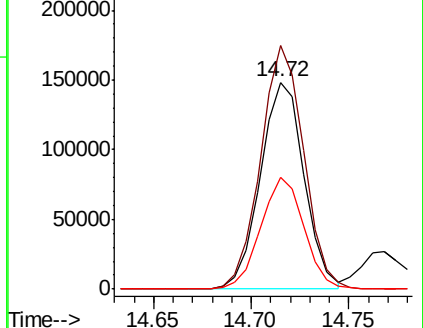
152 54.3 43.9 65.9

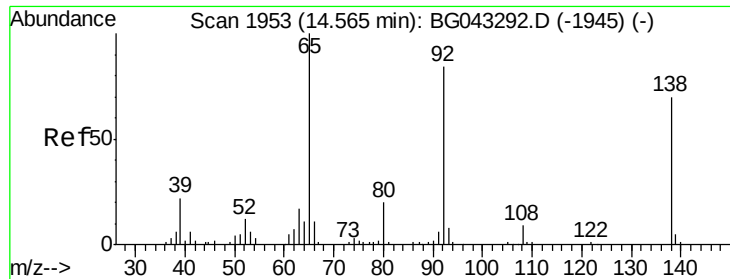


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 25.993 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Instrument :

BNA_G

ClientSampleId :

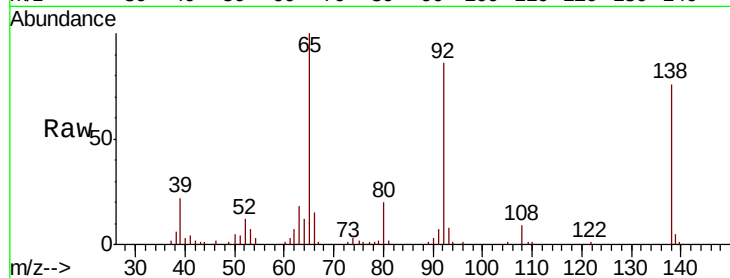
Tot Ion:138 Resp: 45058

Ion Ratio Lower Upper

138 100

108 11.5 9.8 14.6

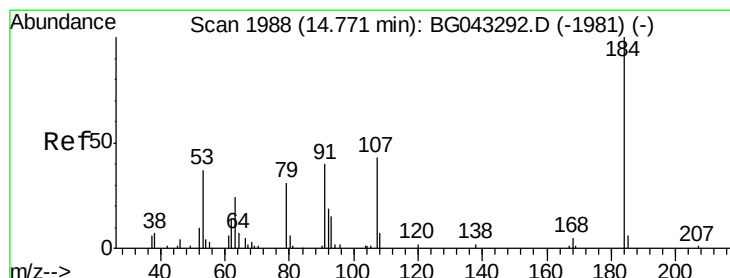
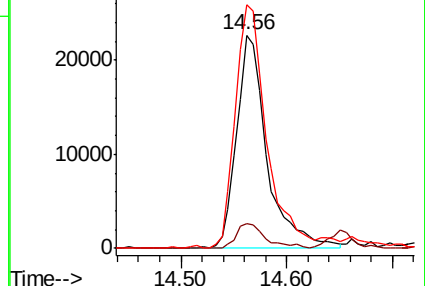
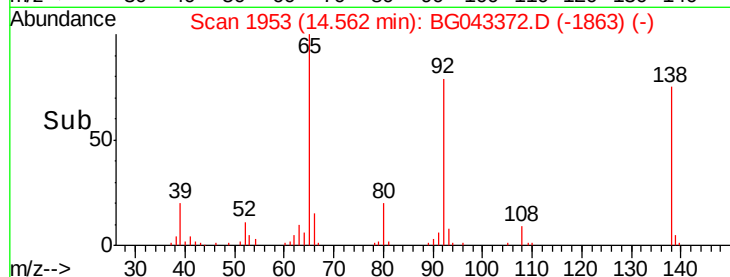
92 114.2 95.8 143.6



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: 66.052 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

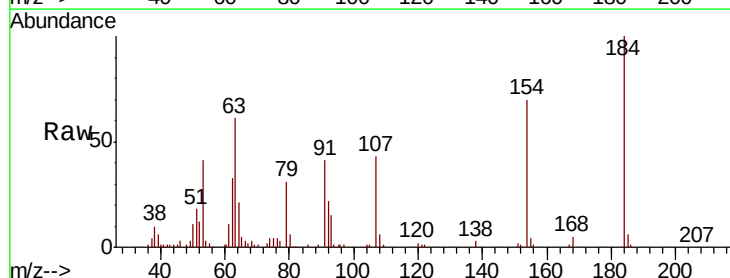
Tgt Ion:184 Resp: 72488

Ion Ratio Lower Upper

184 100

63 61.4 48.8 73.2

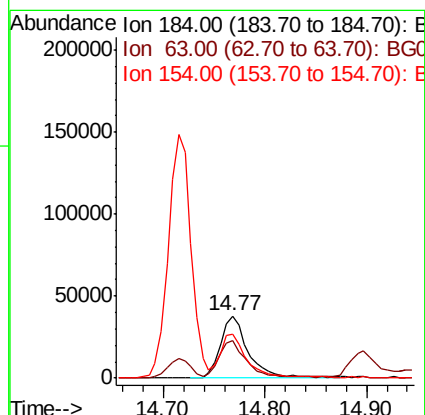
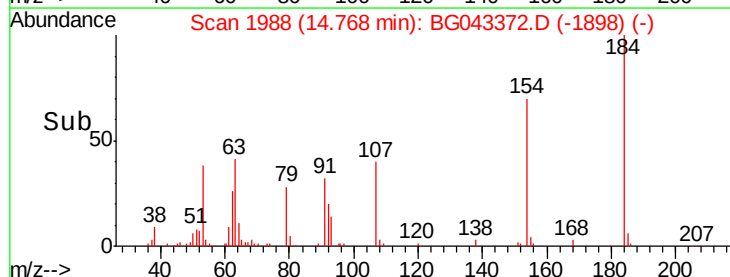
154 70.0 49.4 74.0

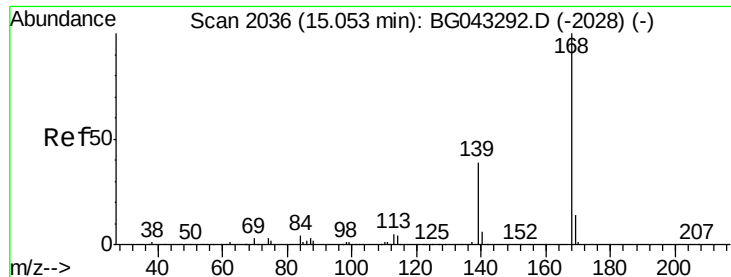


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

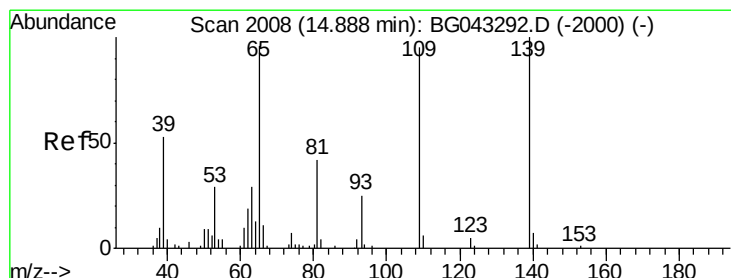
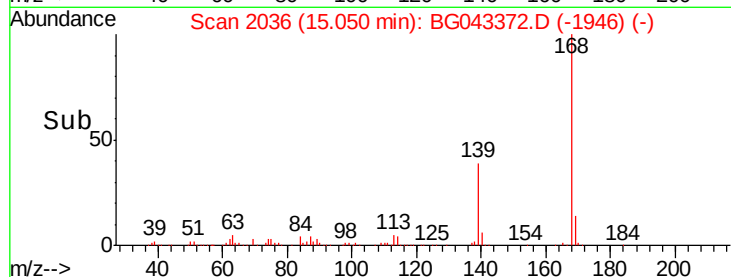
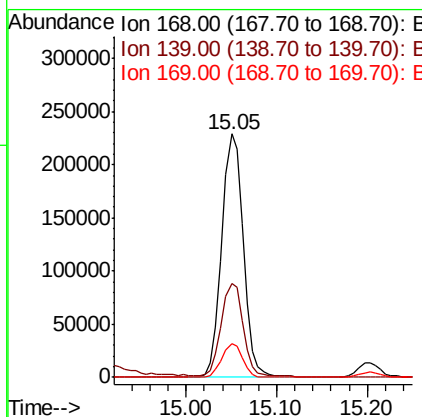
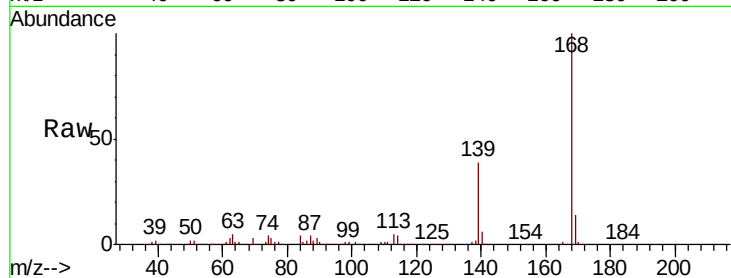




#55
Dibenzenofuran
Concen: 39.906 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

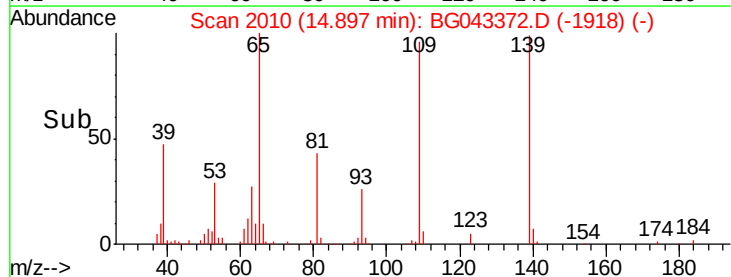
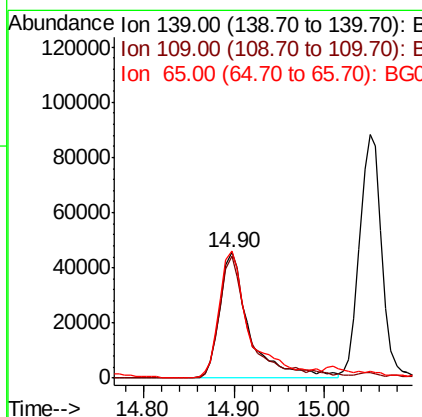
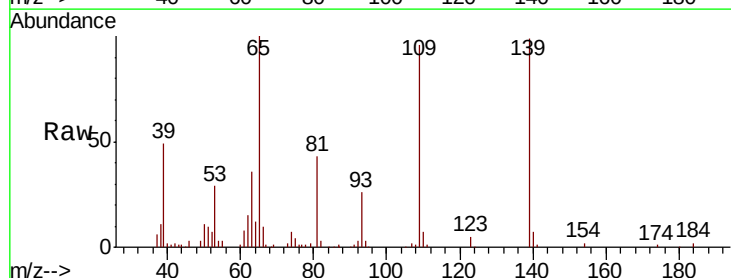
Instrument :
BNA_G
ClientSampleId :

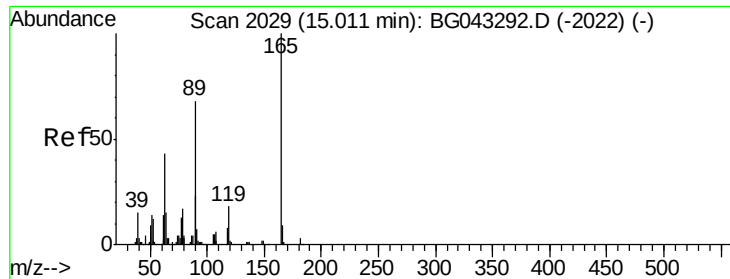
Tot Ion:168 Resp: 379326
Ion Ratio Lower Upper
168 100
139 38.5 31.7 47.5
169 13.8 11.0 16.4



#56
4-Nitrophenol
Concen: 89.375 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Tgt Ion:139 Resp: 103821
Ion Ratio Lower Upper
139 100
109 97.2 75.4 115.4
65 101.2 76.6 116.6

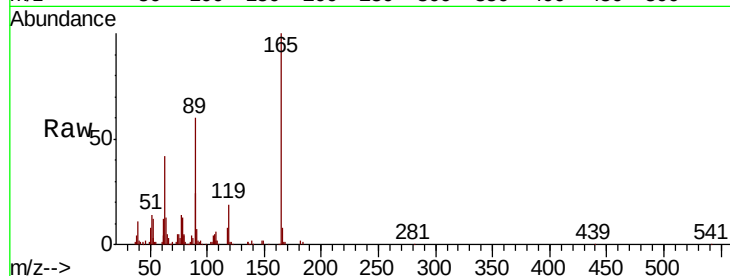




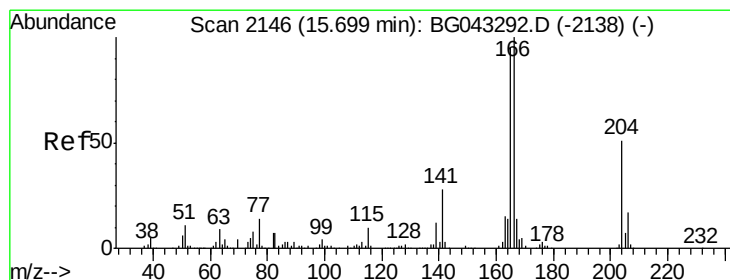
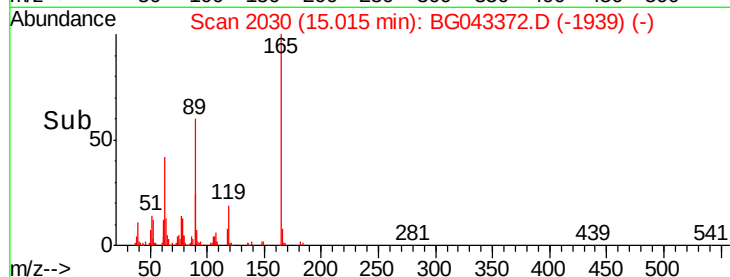
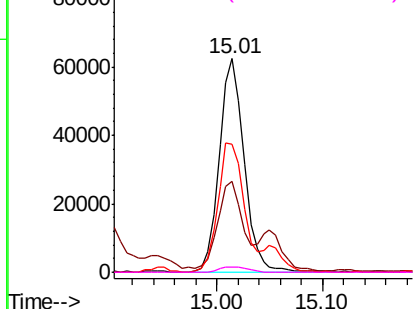
#57
2,4-Dinitrotoluene
Concen: 40.041 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 102740
Ion Ratio Lower Upper
165 100
63 42.3 35.0 52.6
89 59.8 54.1 81.1
182 2.4 2.2 3.2

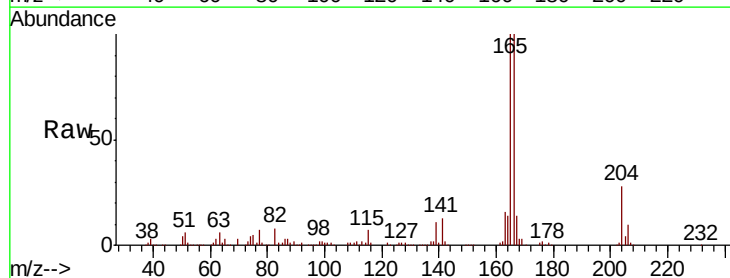


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

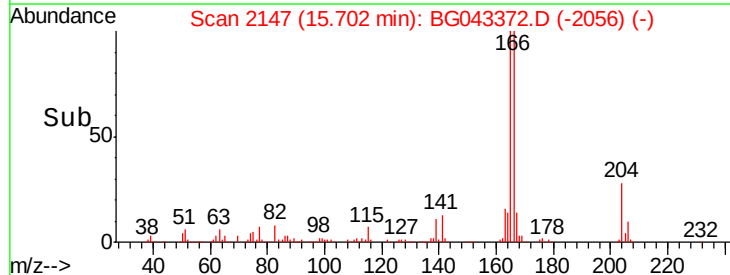
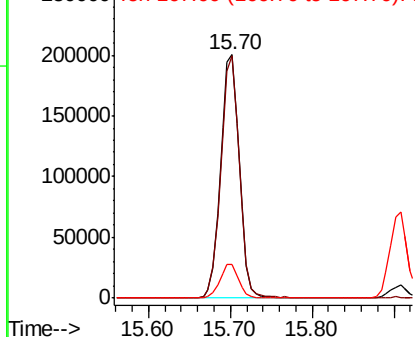


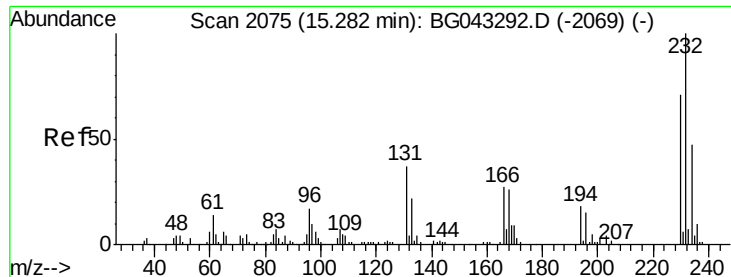
#58
Fluorene
Concen: 40.032 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Tgt Ion:166 Resp: 319152
Ion Ratio Lower Upper
166 100
165 99.8 76.4 114.6
167 13.9 11.1 16.7



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

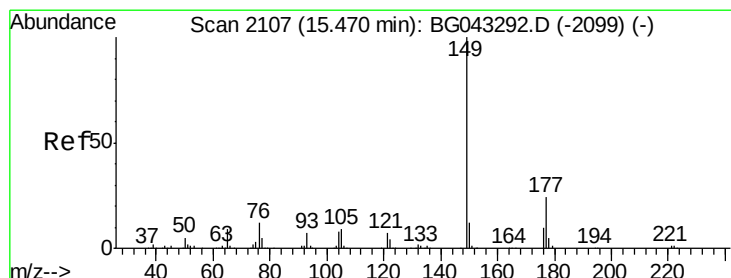
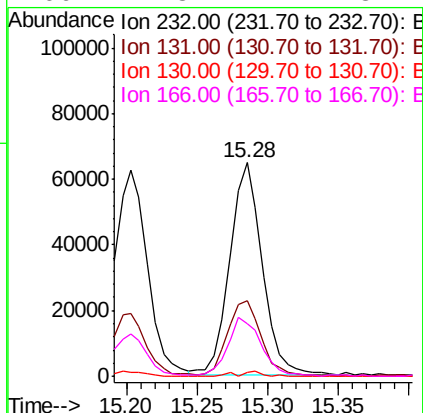
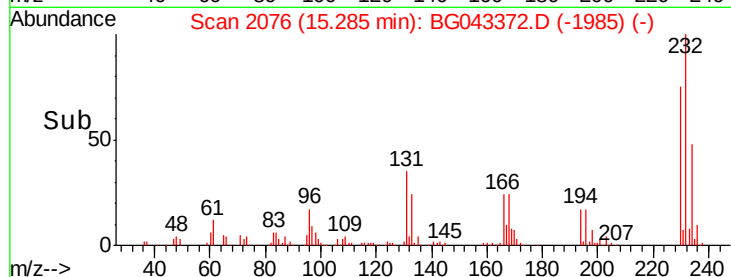
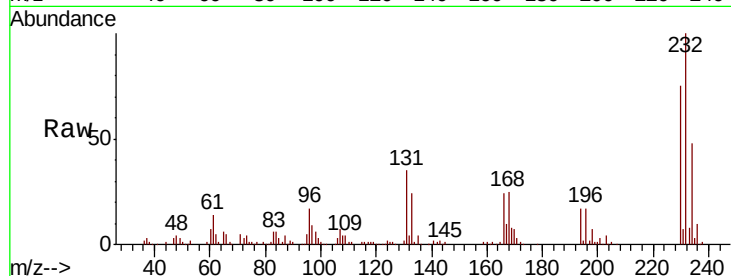




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.458 ng
 RT: 15.28 min Scan# 2076
 Delta R.T. 0.00 min
 Lab File: BG043372.D
 Acq: 29 Oct 2019 13:49

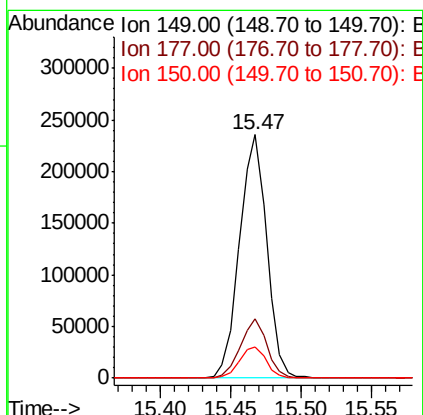
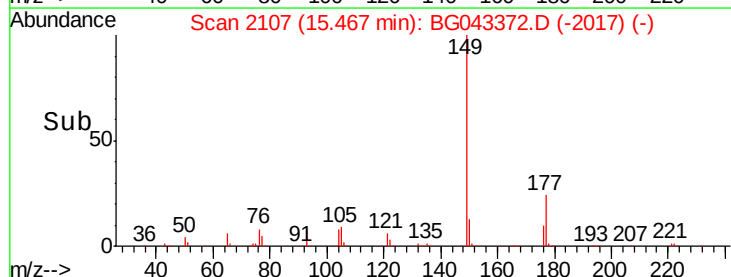
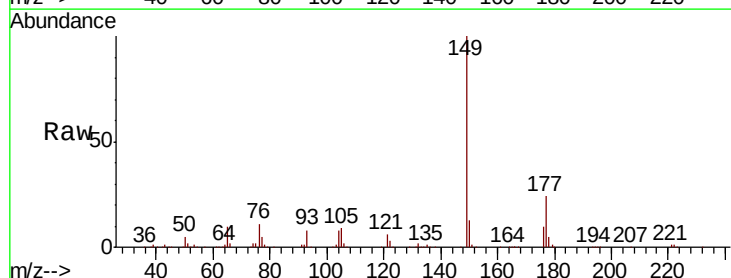
Instrument :
 BNA_G
 ClientSampled :

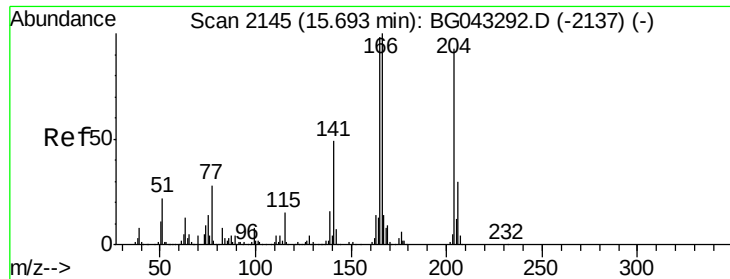
Tot Ion:	232	Resp:	103552
Ion	Ratio	Lower	Upper
232	100		
131	36.0	28.7	43.1
130	1.7	0.6	0.8
166	27.8	21.1	31.7



#60
 Diethylphthalate
 Concen: 38.284 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: BG043372.D
 Acq: 29 Oct 2019 13:49

Tgt Ion:	149	Resp:	317905
Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.0	28.4
150	13.0	9.4	14.0

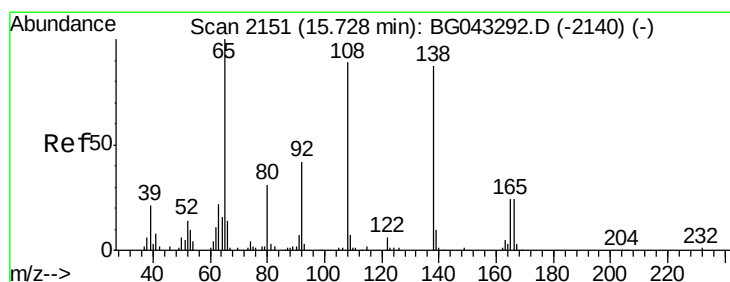
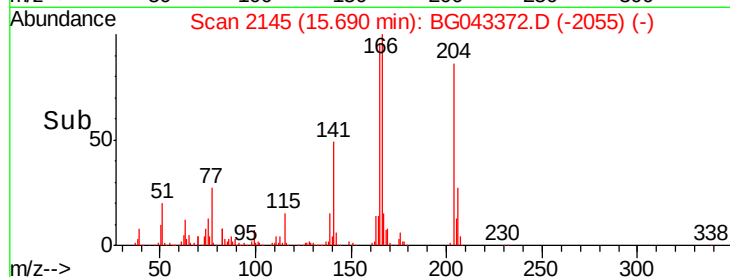
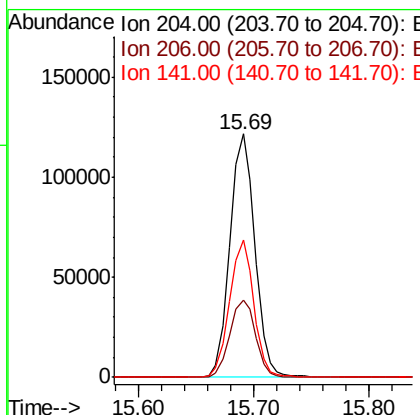
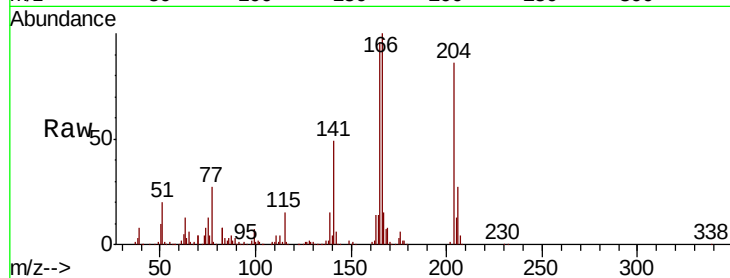




#61
4-Chlorophenyl-phenylether
Concen: 39.185 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

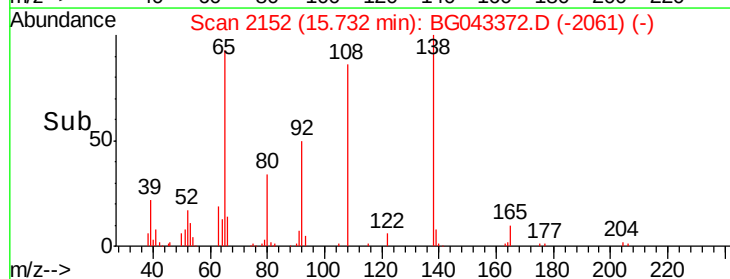
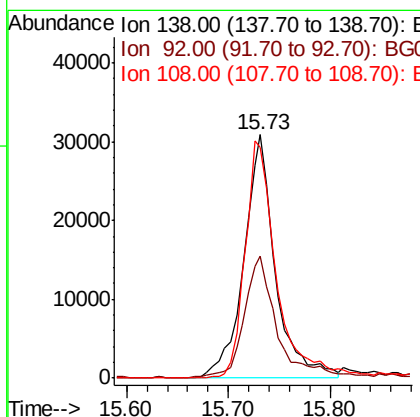
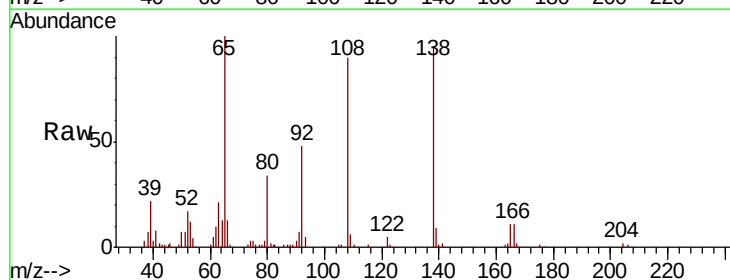
Instrument :
BNA_G
ClientSampleId :

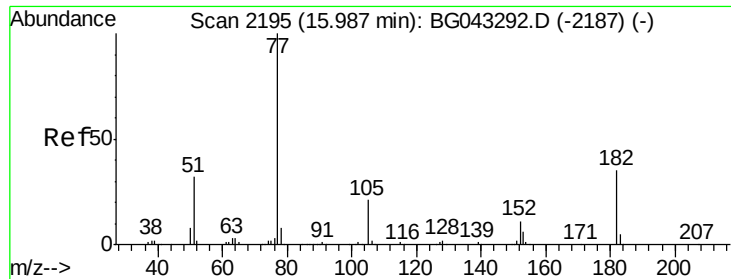
Tot Ion:204 Resp: 182247
Ion Ratio Lower Upper
204 100
206 31.6 25.7 38.5
141 56.3 42.3 63.5



#62
4-Nitroaniline
Concen: 37.087 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Tgt Ion:138 Resp: 66394
Ion Ratio Lower Upper
138 100
92 50.0 28.8 68.8
108 95.0 82.7 122.7





#63

Azobenzene

Concen: 39.546 ng

RT: 15.98 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

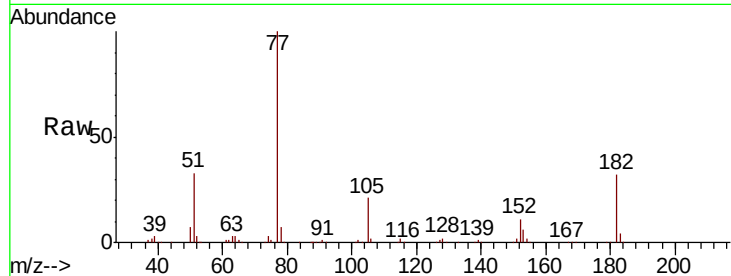
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 265770

Ion	Ratio	Lower	Upper
77	100		
182	32.2	14.9	54.9
105	21.3	0.6	40.6
51	33.3	12.5	52.5

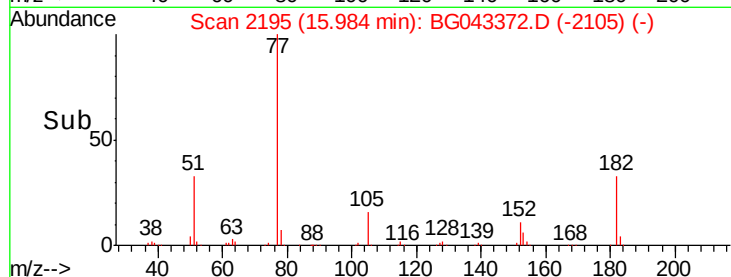


Abundance Ion 77.00 (76.70 to 77.70): BGC

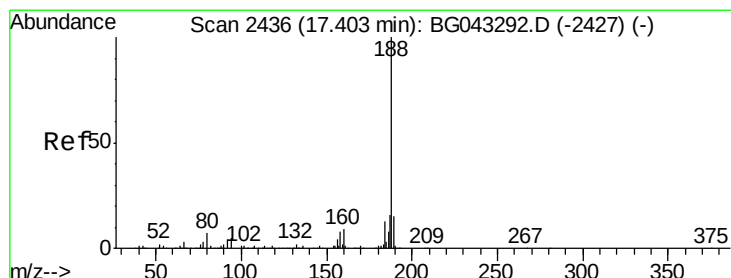
Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



Time--> 15.90 16.00



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2435

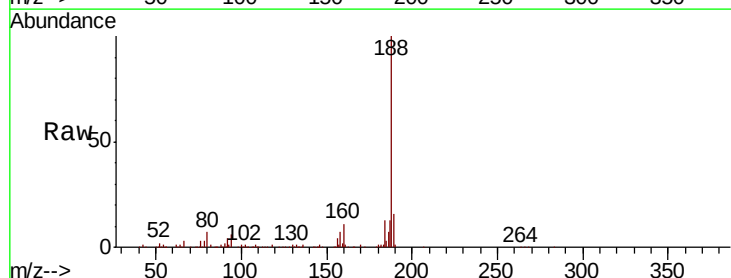
Delta R.T. -0.01 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Tgt Ion: 188 Resp: 249915

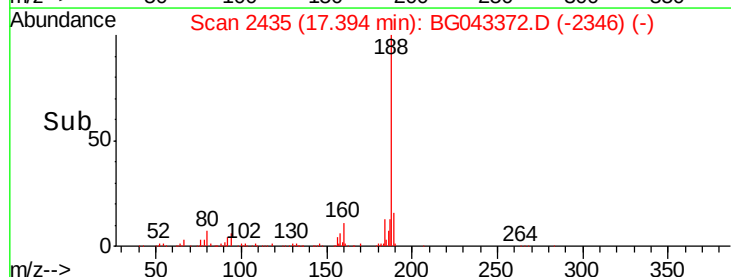
Ion	Ratio	Lower	Upper
188	100		
94	5.9	4.2	6.2
80	7.2	5.2	7.8



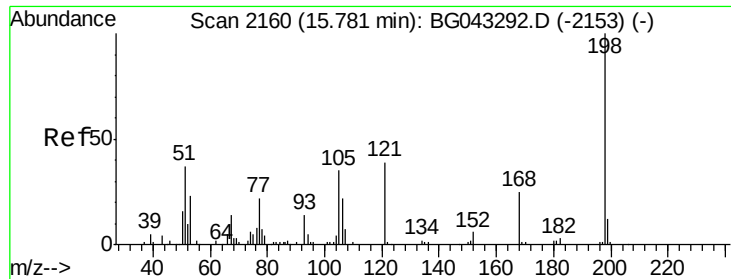
Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.30 17.40 17.50



#65

4,6-Dinitro-2-methylphenol

Concen: 40.910 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Instrument :

BNA_G

ClientSampled :

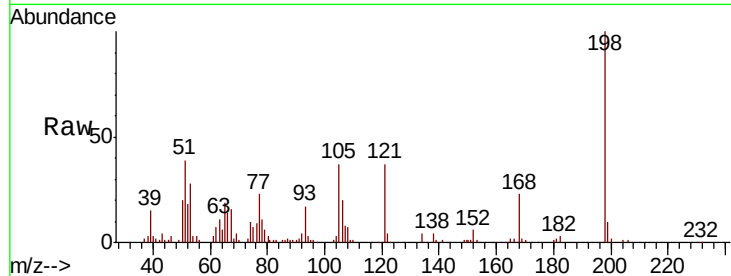
Tot Ion:198 Resp: 60168

Ion	Ratio	Lower	Upper
198	100		
51	38.8	21.4	61.4
105	36.7	16.5	56.5

198 100

51 38.8 21.4 61.4

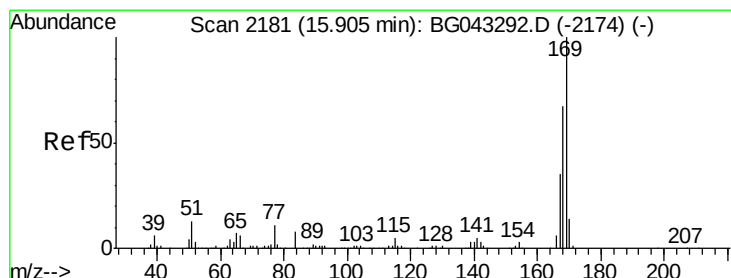
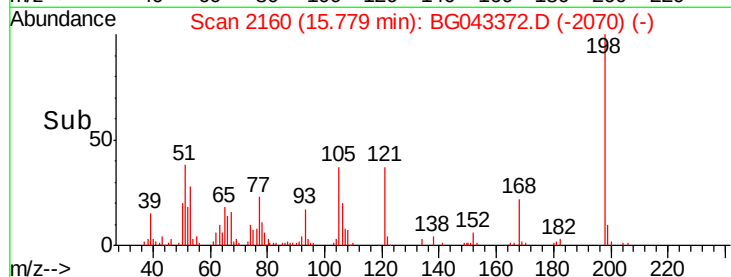
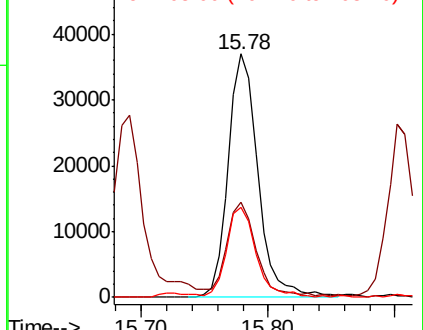
105 36.7 16.5 56.5



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: 40.065 ng

RT: 15.91 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

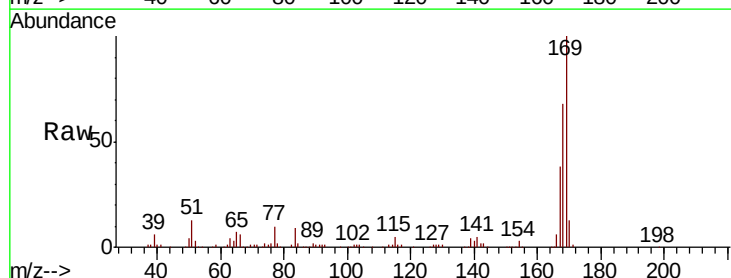
Tgt Ion:169 Resp: 282687

Ion	Ratio	Lower	Upper
169	100		
168	67.8	53.9	80.9
167	38.1	28.3	42.5

169 100

168 67.8 53.9 80.9

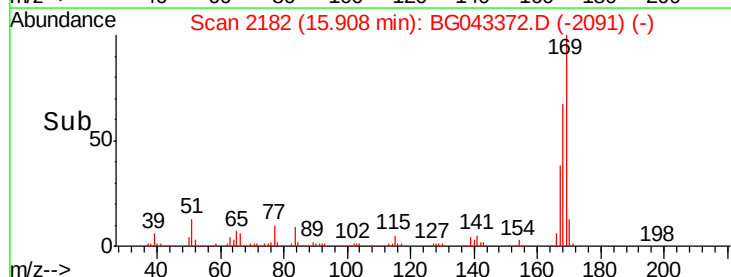
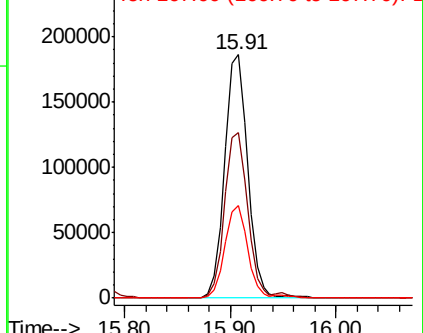
167 38.1 28.3 42.5

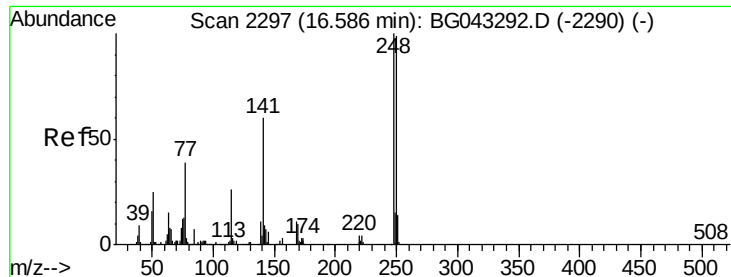


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

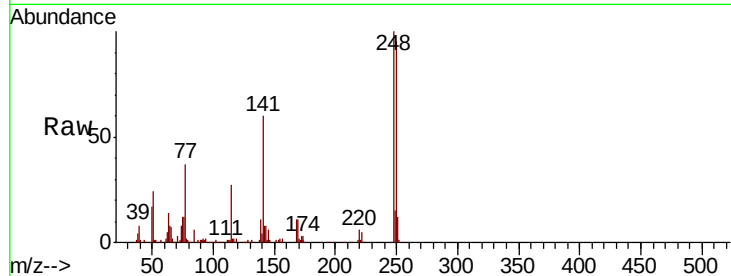




#67
4-Bromophenyl-phenylether
Concen: 39.096 ng
RT: 16.58 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.0	79.3	118.9
141	60.1	47.9	71.9

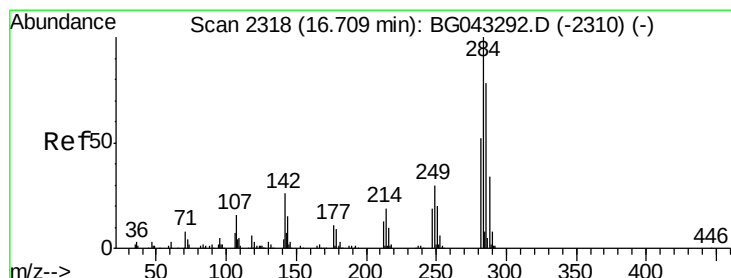
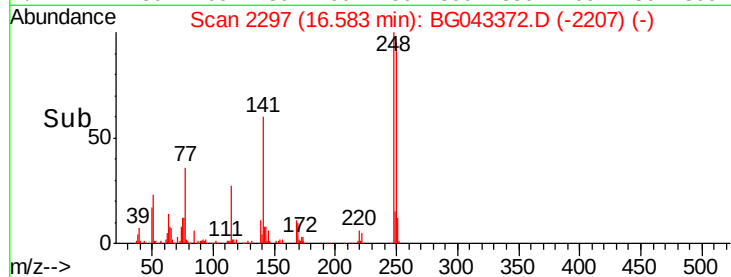
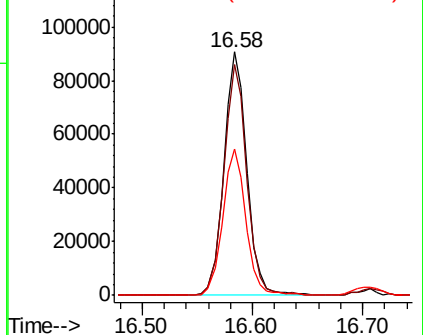


Abundance

Ion 248.00 (247.70 to 248.70): E

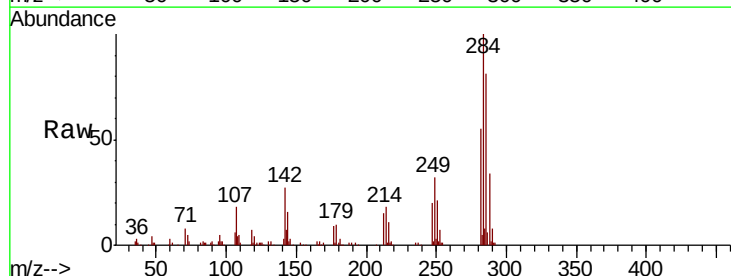
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.881 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.0	21.1	31.7
249	31.7	24.4	36.6

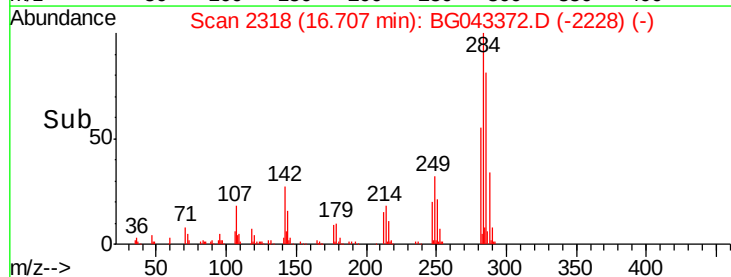
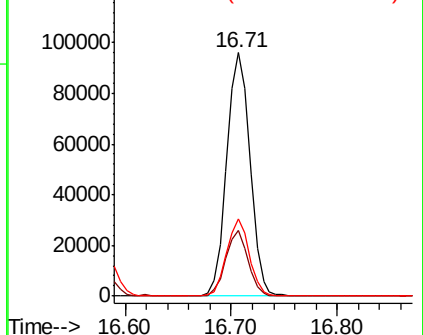


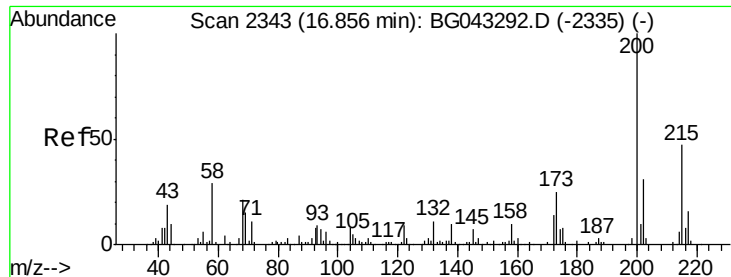
Abundance

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: 49.473 ng

RT: 16.85 min Scan# 2343

Delta R.T. -0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Instrument :

BNA_G

ClientSampled :

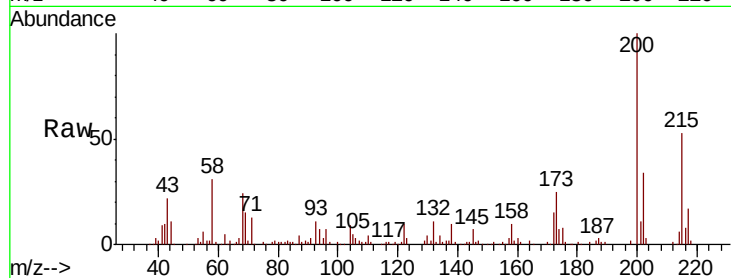
Tot Ion:200 Resp: 121294

Ion Ratio Lower Upper

200 100

173 25.4 5.1 45.1

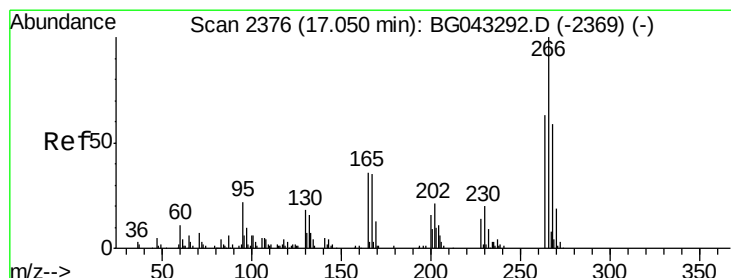
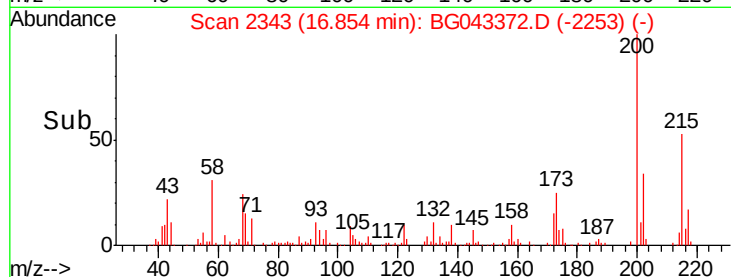
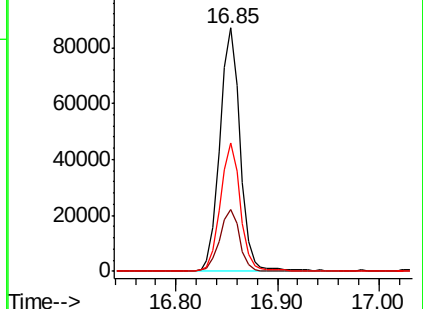
215 52.7 26.6 66.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 91.661 ng

RT: 17.05 min Scan# 2377

Delta R.T. 0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

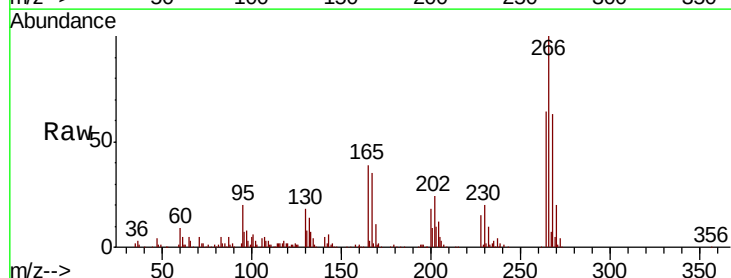
Tgt Ion:266 Resp: 161246

Ion Ratio Lower Upper

266 100

268 62.8 47.1 70.7

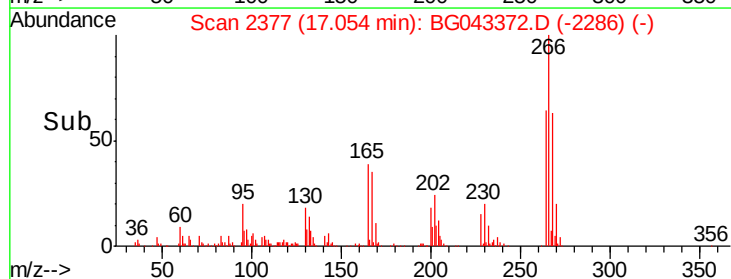
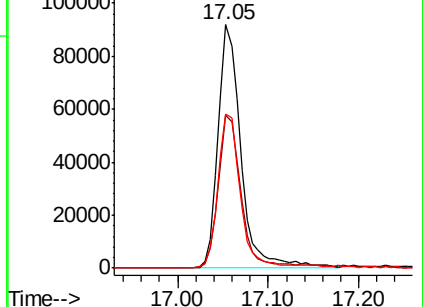
264 63.5 50.4 75.6

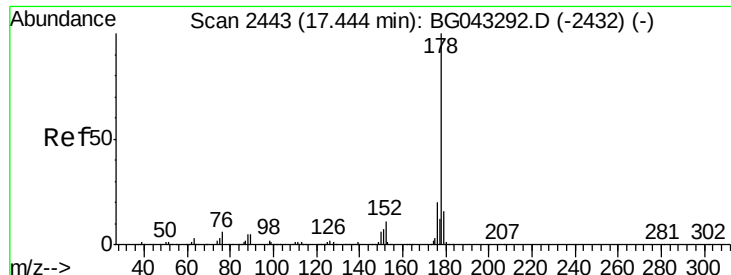


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

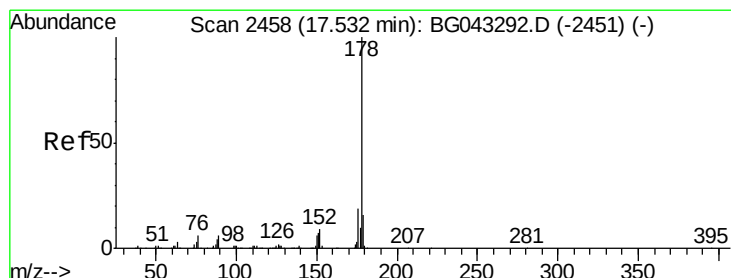
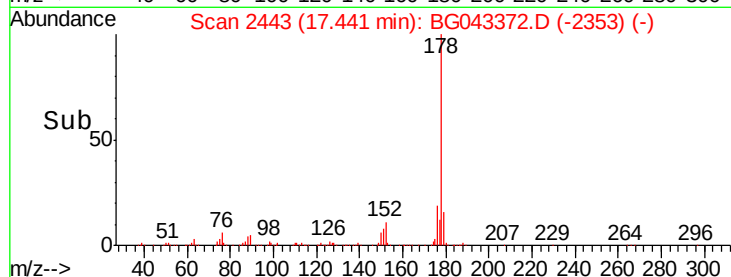
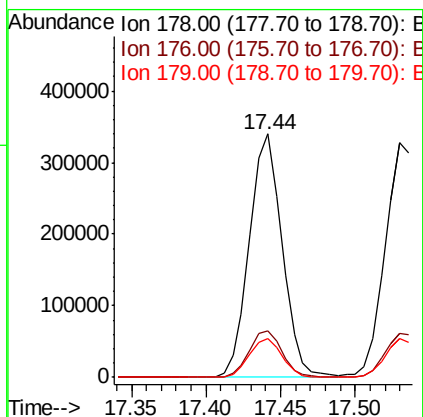
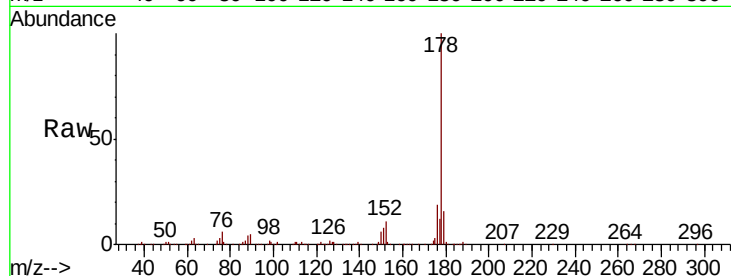




#71
Phenanthrene
Concen: 40.359 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

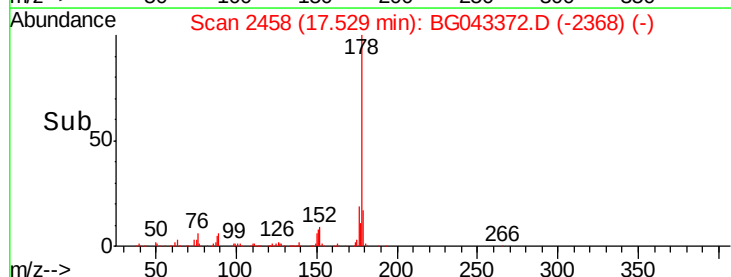
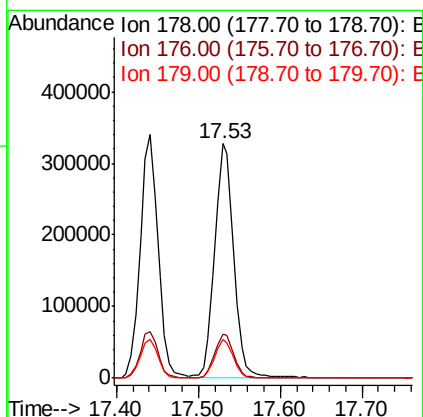
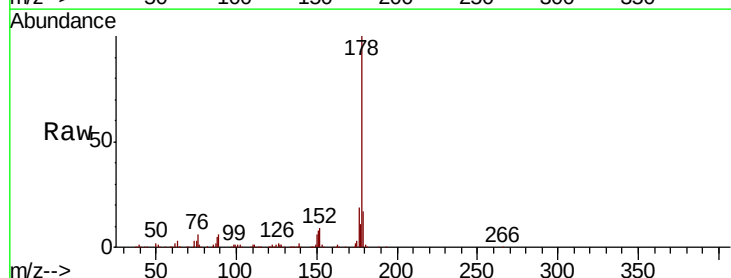
Instrument :
BNA_G
ClientSampled :

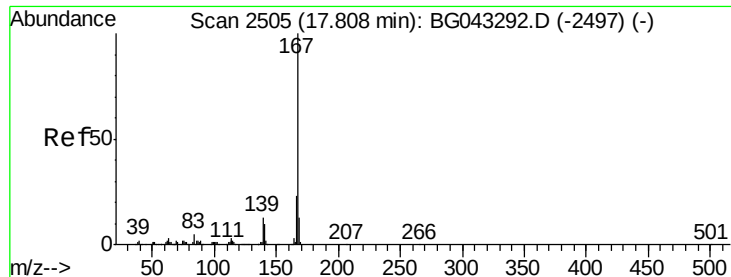
Tot Ion:178 Resp: 516491
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.8
179 16.2 13.1 19.7



#72
Anthracene
Concen: 41.748 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Tgt Ion:178 Resp: 534541
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 16.9 13.0 19.6





#73

Carbazole

Concen: 41.403 ng

RT: 17.81 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Instrument :

BNA_G

ClientSampleId :

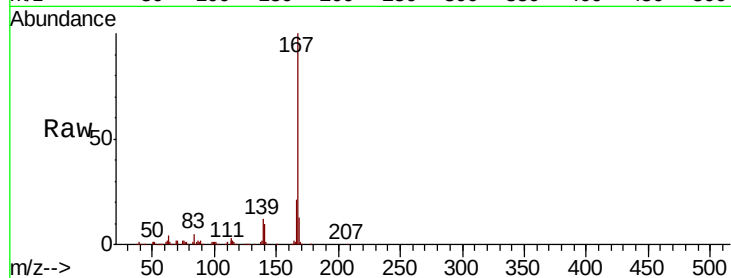
Tot Ion:167 Resp: 480073

Ion Ratio Lower Upper

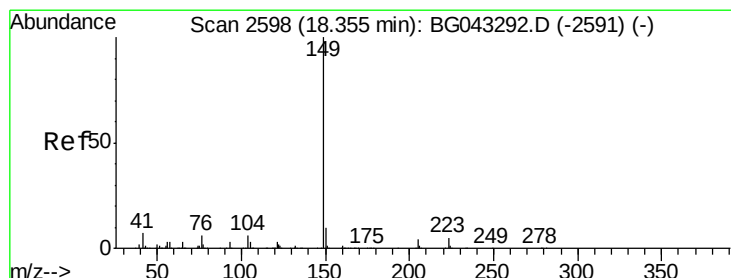
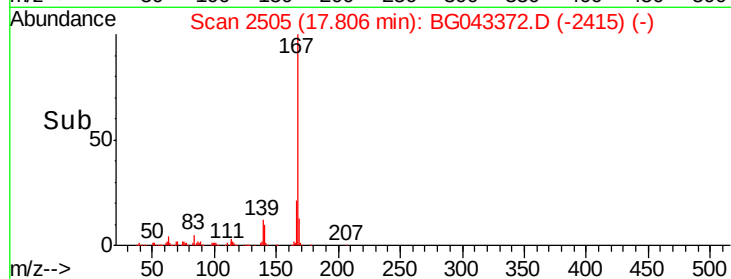
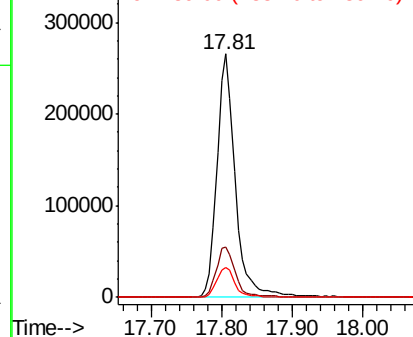
167 100

166 20.9 18.4 27.6

139 12.3 10.2 15.4



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.337 ng

RT: 18.35 min Scan# 2598

Delta R.T. -0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

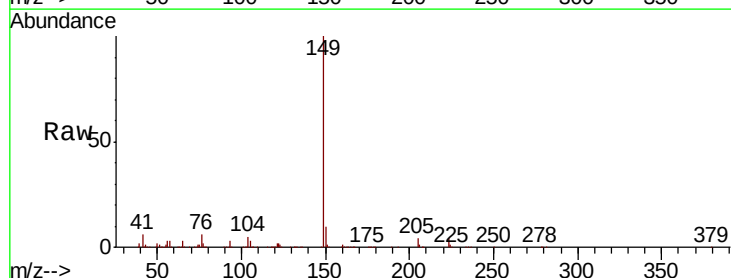
Tgt Ion:149 Resp: 567505

Ion Ratio Lower Upper

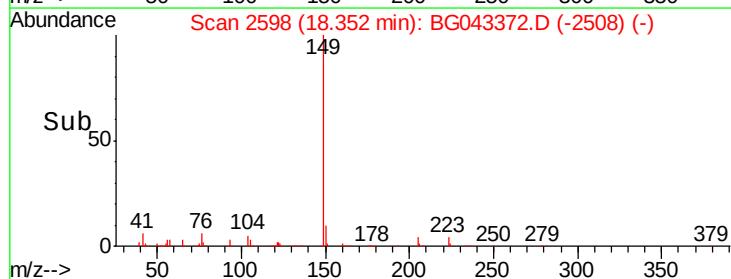
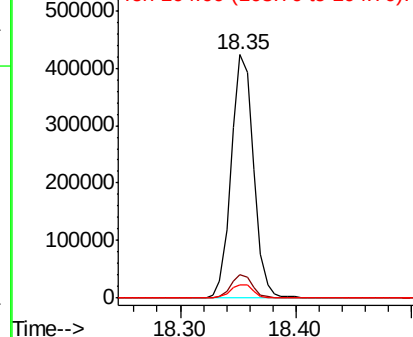
149 100

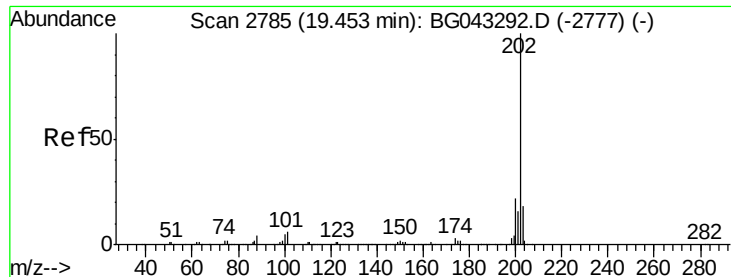
150 9.7 8.0 12.0

104 5.4 4.7 7.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.648 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Instrument :

BNA_G

ClientSampleId :

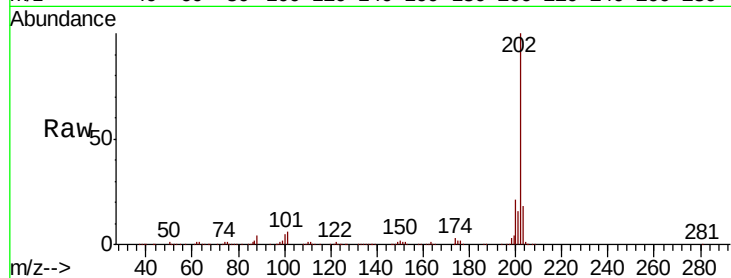
Tot Ion:202 Resp: 694861

Ion Ratio Lower Upper

202 100

101 6.0 0.0 26.0

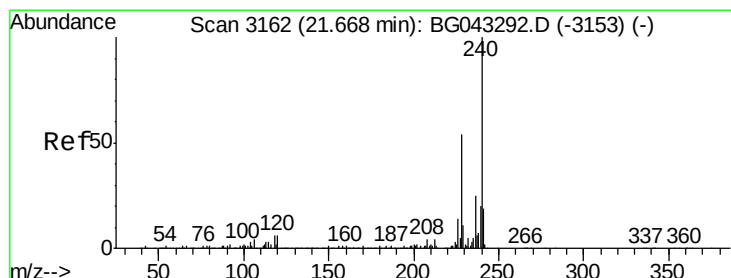
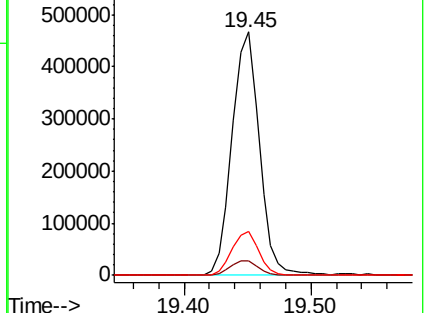
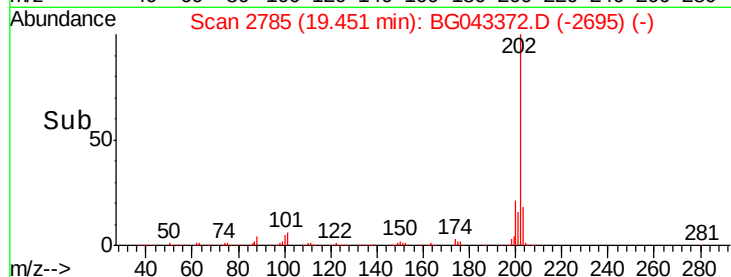
203 17.8 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

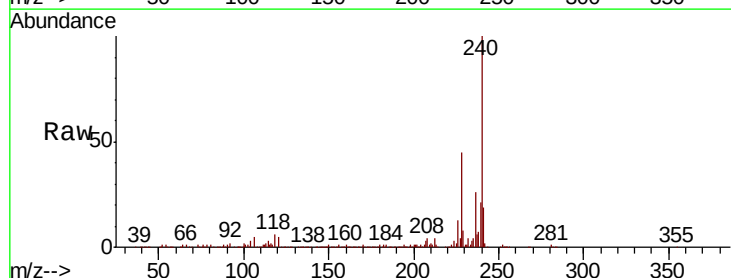
Tgt Ion:240 Resp: 287669

Ion Ratio Lower Upper

240 100

120 4.9 4.6 7.0

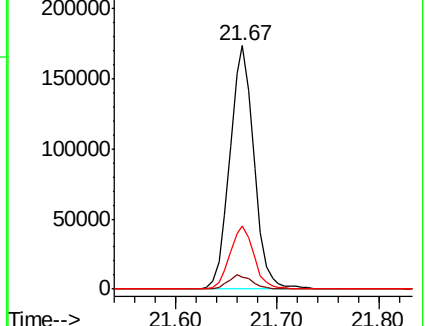
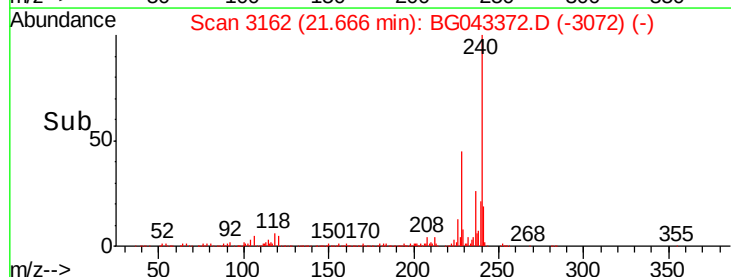
236 25.8 20.2 30.4

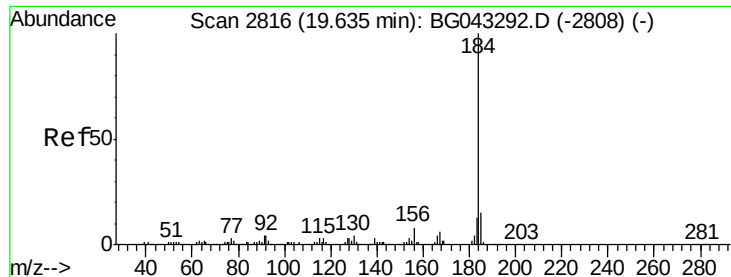


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 51.754 ng

RT: 19.63 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Instrument :

BNA_G

ClientSampleId :

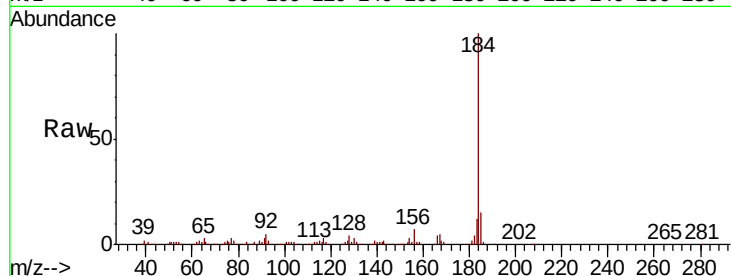
Tot Ion:184 Resp: 299628

Ion Ratio Lower Upper

184 100

185 14.9 11.8 17.6

183 12.3 10.6 16.0

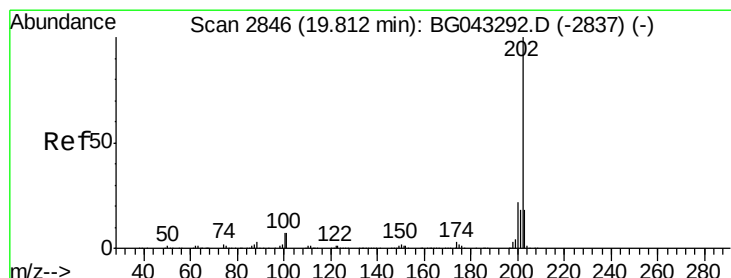
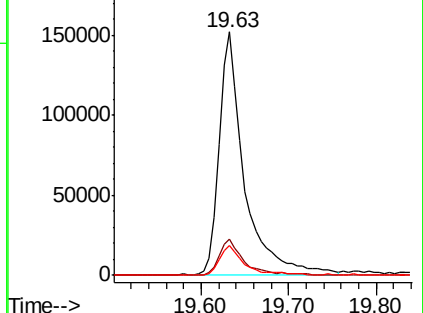
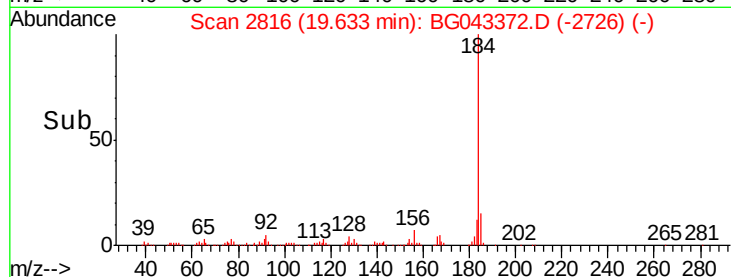


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.399 ng

RT: 19.81 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

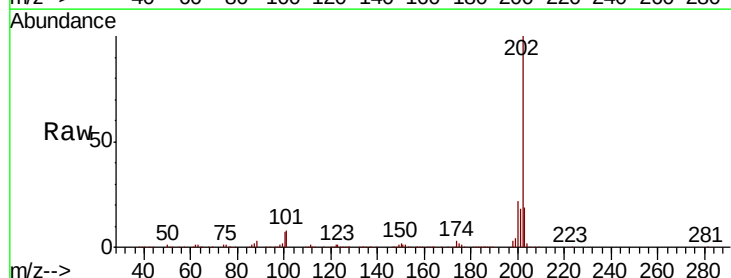
Tgt Ion:202 Resp: 701561

Ion Ratio Lower Upper

202 100

200 21.7 17.3 25.9

203 19.4 14.5 21.7

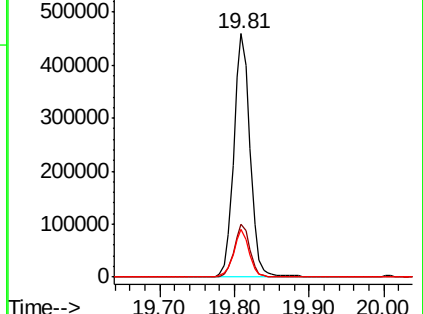
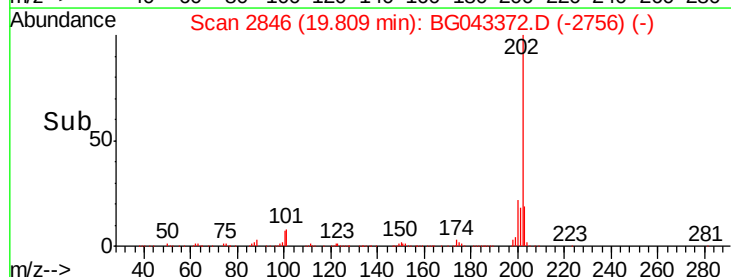


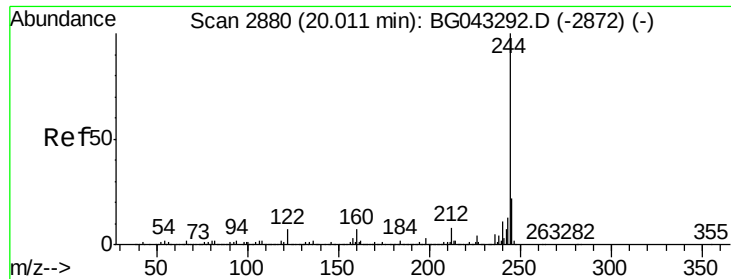
Abundance

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

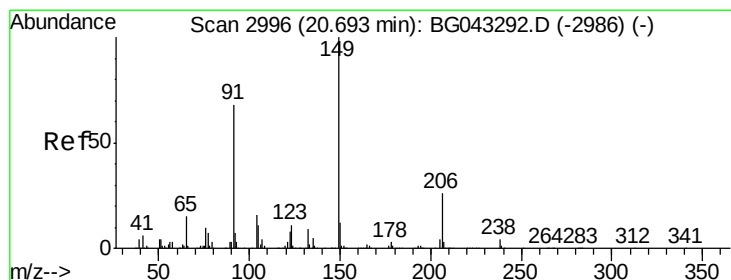
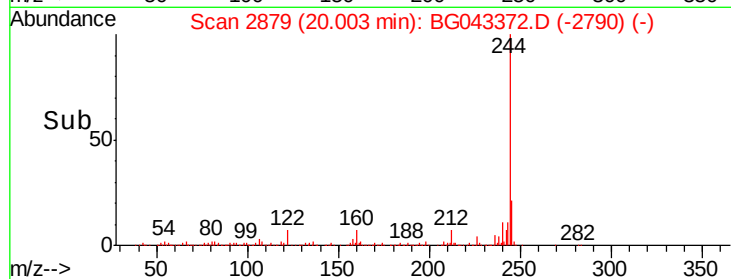
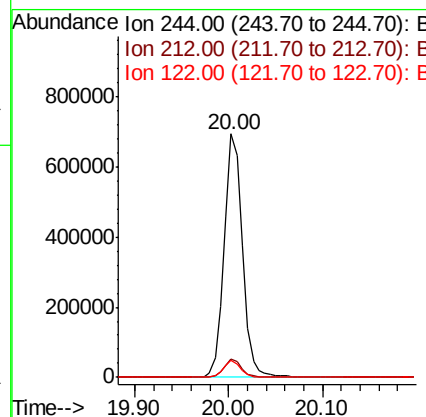
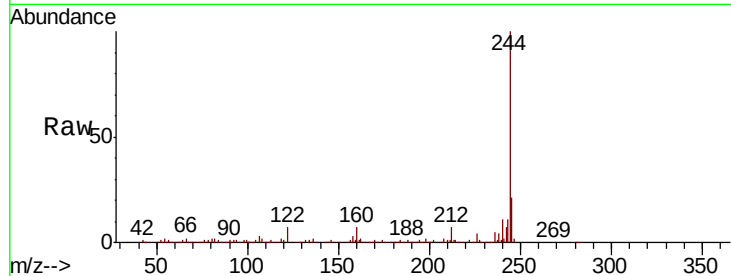




#79
 Terphenyl-d14
 Concen: 61.696 ng
 RT: 20.00 min Scan# 2879
 Delta R.T. -0.01 min
 Lab File: BG043372.D
 Acq: 29 Oct 2019 13:49

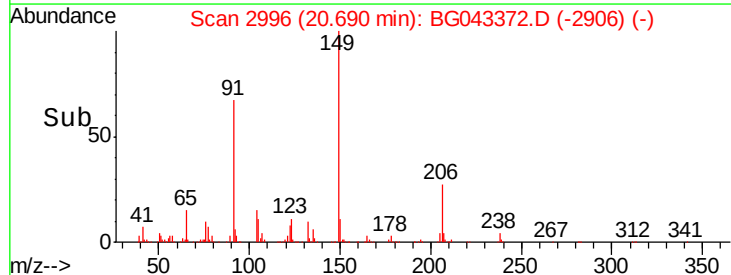
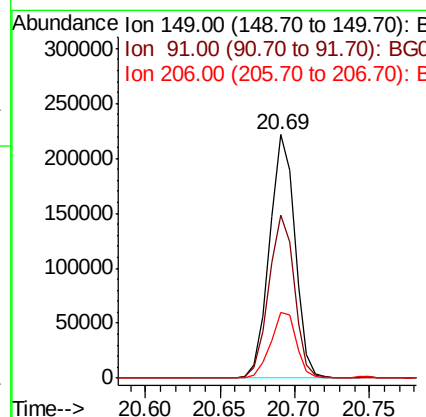
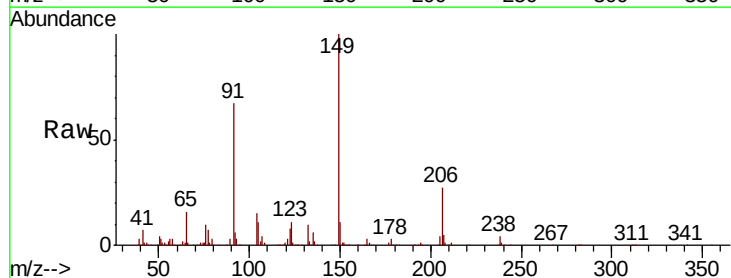
Instrument :
 BNA_G
 ClientSampled :

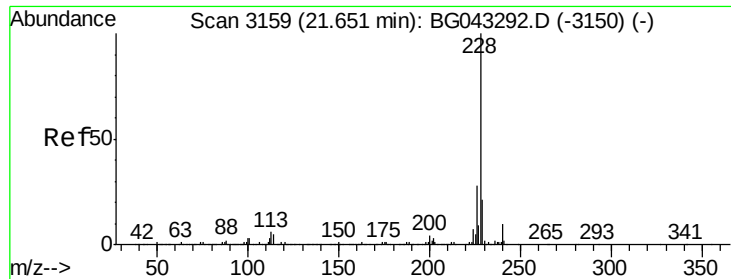
Tot Ion:244 Resp: 946032
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.4 9.6
 122 7.0 5.3 7.9



#80
 Butylbenzylphthalate
 Concen: 38.547 ng
 RT: 20.69 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: BG043372.D
 Acq: 29 Oct 2019 13:49

Tgt Ion:149 Resp: 260045
 Ion Ratio Lower Upper
 149 100
 91 67.0 54.6 82.0
 206 27.1 20.5 30.7

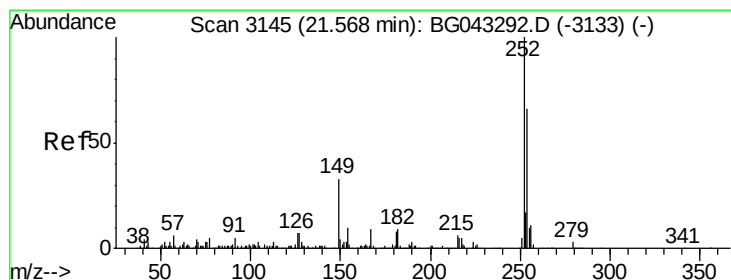
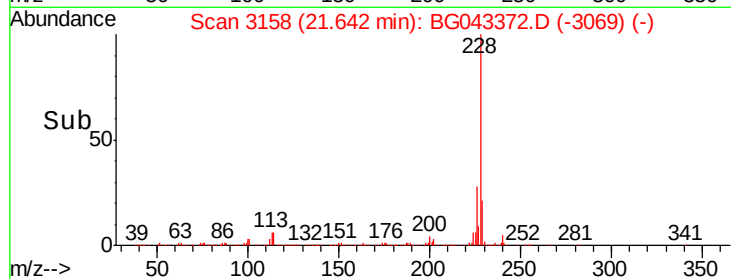
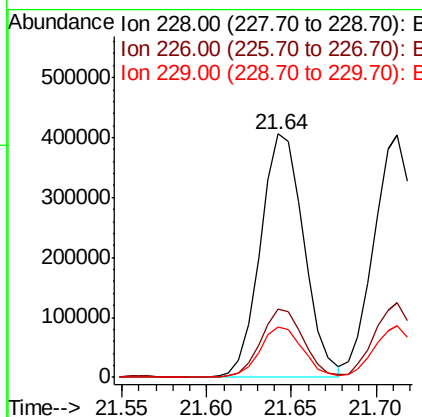
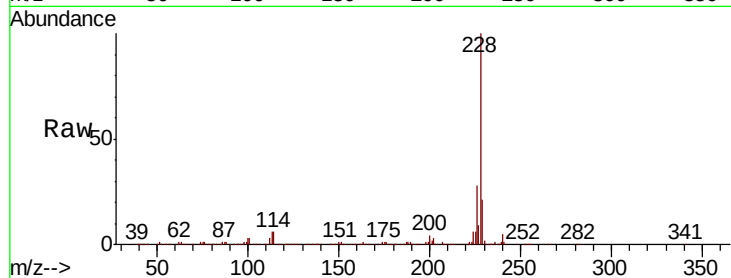




#81
Benzo(a)anthracene
Concen: 40.060 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

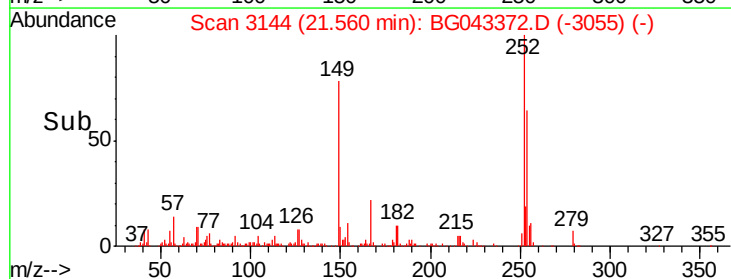
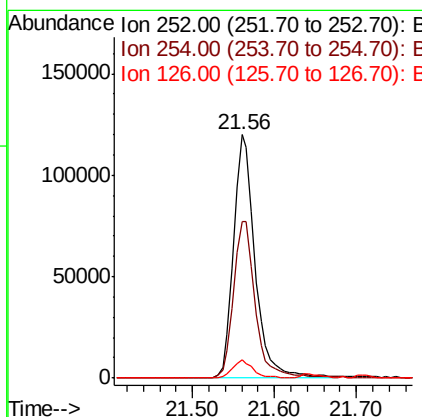
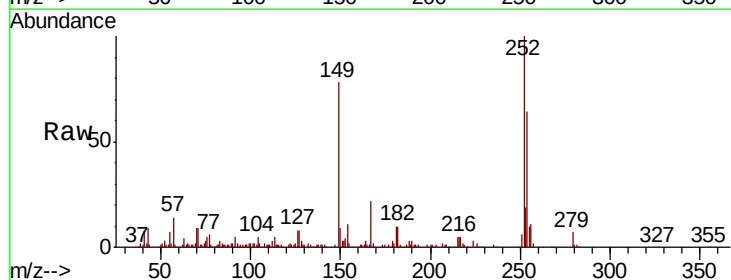
Instrument :
BNA_G
ClientSampled :

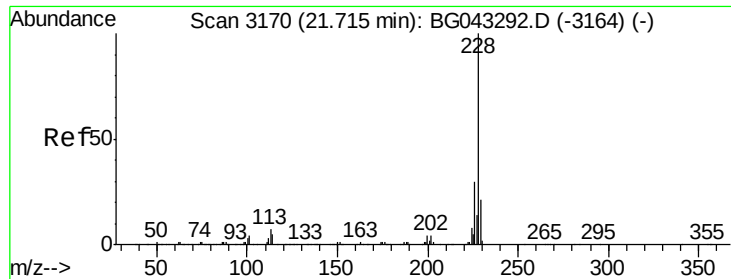
Tot Ion:228 Resp: 721863
Ion Ratio Lower Upper
228 100
226 28.0 22.2 33.4
229 20.6 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 31.703 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Tgt Ion:252 Resp: 220958
Ion Ratio Lower Upper
252 100
254 64.2 52.7 79.1
126 7.6 5.6 8.4

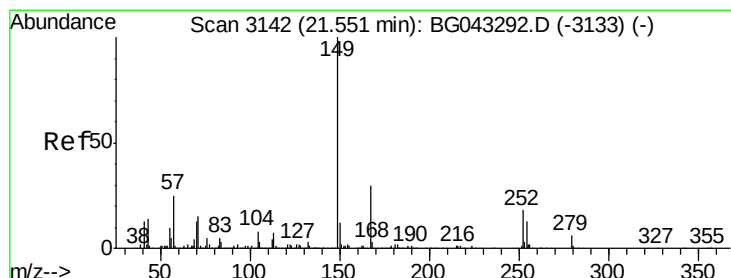
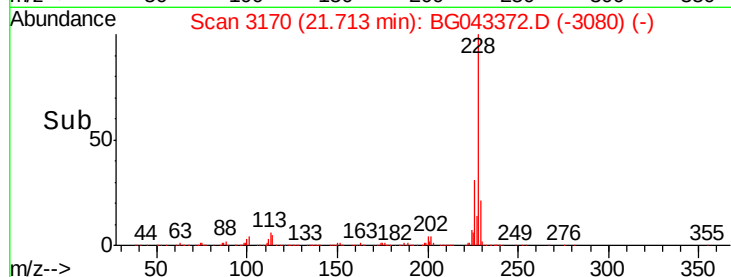
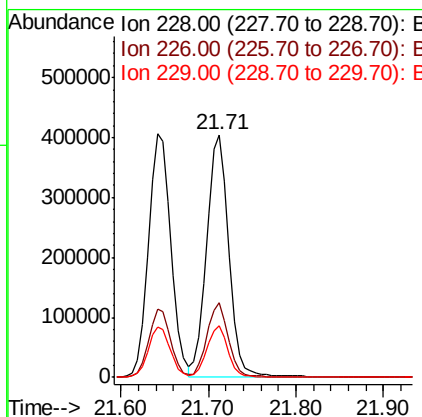
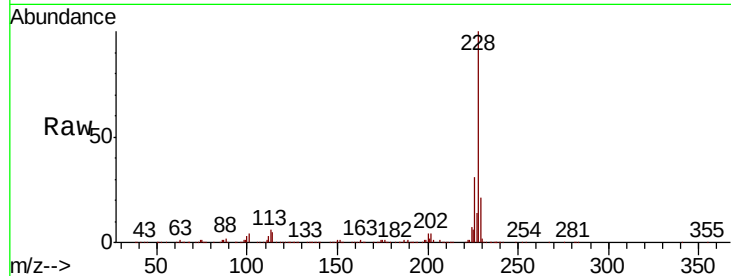




#83
 Chrysene
 Concen: 39.746 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. -0.00 min
 Lab File: BG043372.D
 Acq: 29 Oct 2019 13:49

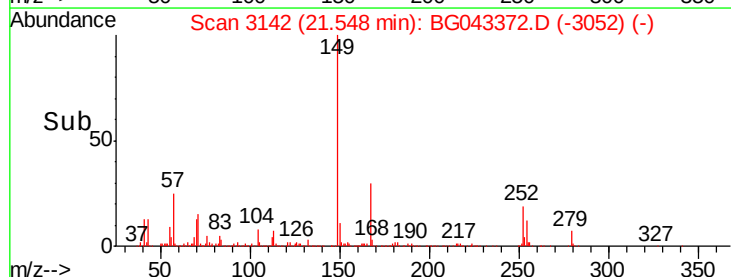
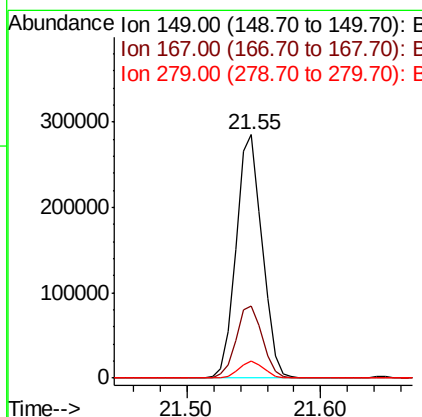
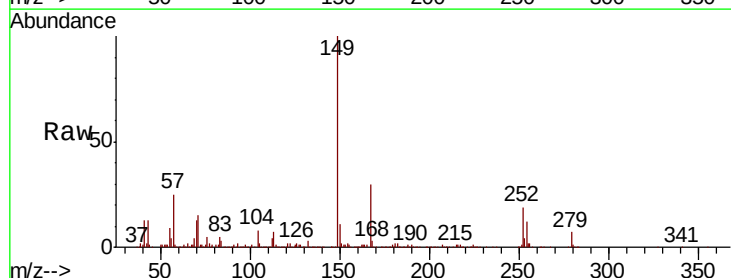
Instrument :
 BNA_G
 ClientSampled :

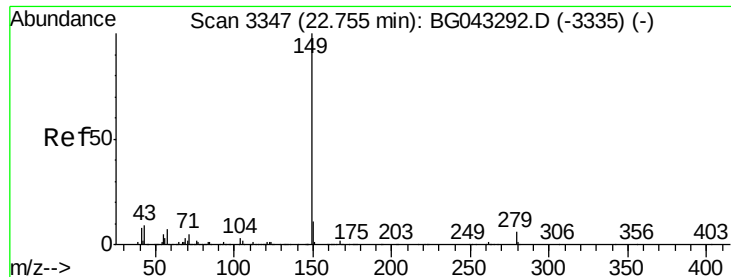
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.8	35.8
229	21.4	16.3	24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.194 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG043372.D
 Acq: 29 Oct 2019 13:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.8	23.9	35.9
279	7.2	4.8	7.2





#85

Di-n-octyl phthalate

Concen: 40.814 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Instrument :

BNA_G

ClientSampleId :

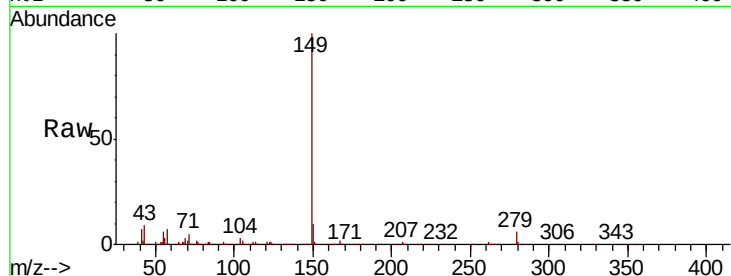
Tot Ion:149 Resp: 663559

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

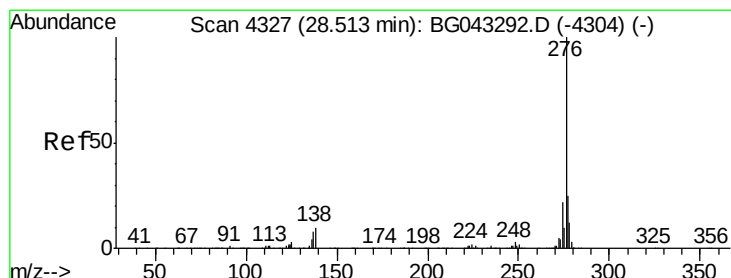
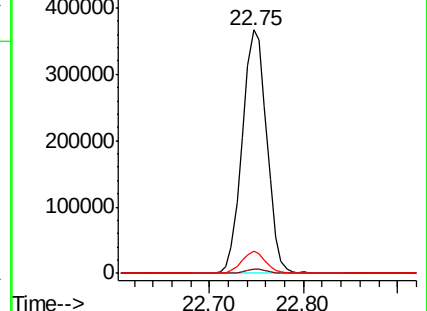
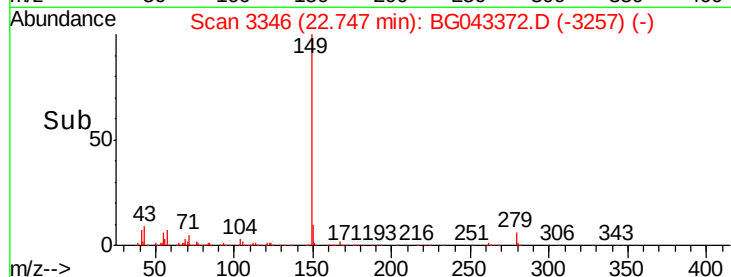
43 8.9 6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.455 ng

RT: 28.50 min Scan# 4326

Delta R.T. -0.01 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

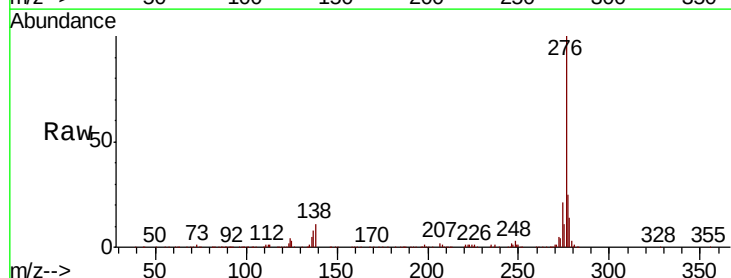
Tgt Ion:276 Resp: 931633

Ion Ratio Lower Upper

276 100

138 8.1 7.2 10.8

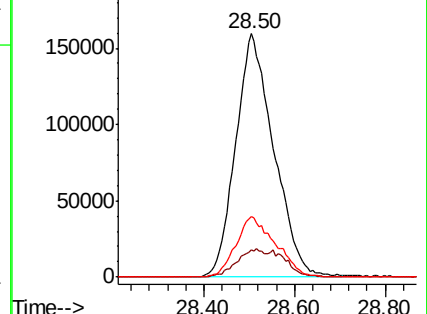
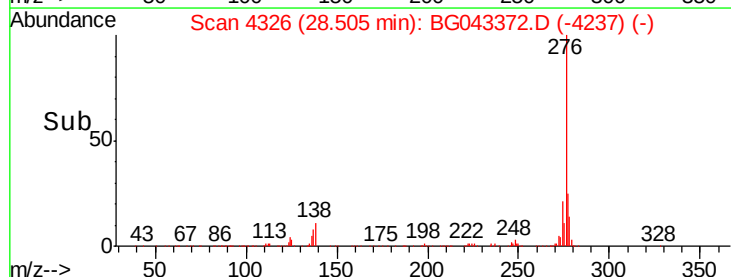
277 25.8 20.9 31.3

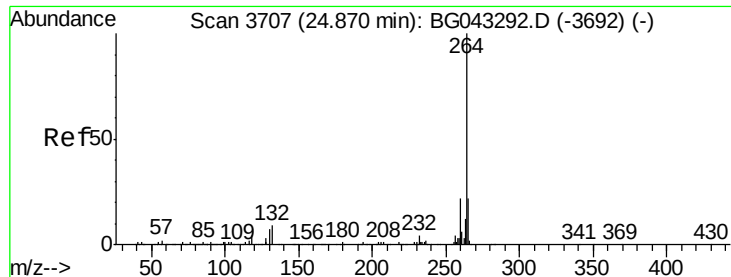


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

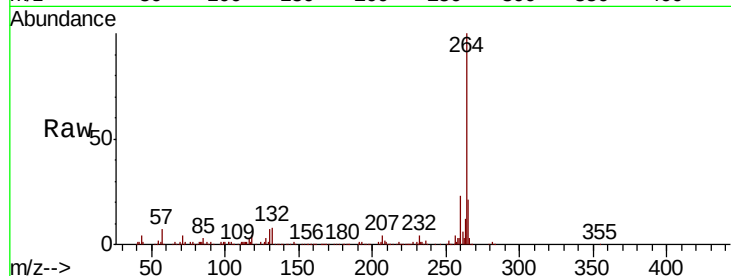
Instrument :

BNA_G

ClientSampled :

Tot Ion:264 Resp: 329438

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.9	26.9
265	21.5	17.4	26.2

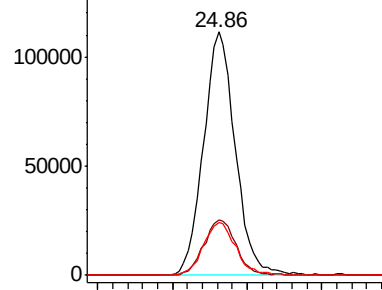


Abundance

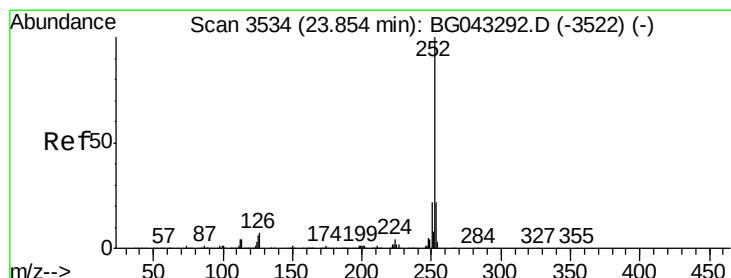
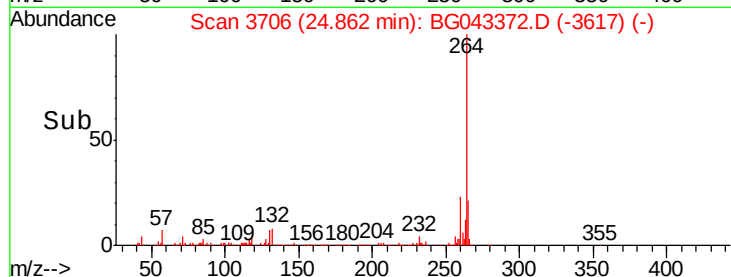
Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 41.224 ng

RT: 23.85 min Scan# 3534

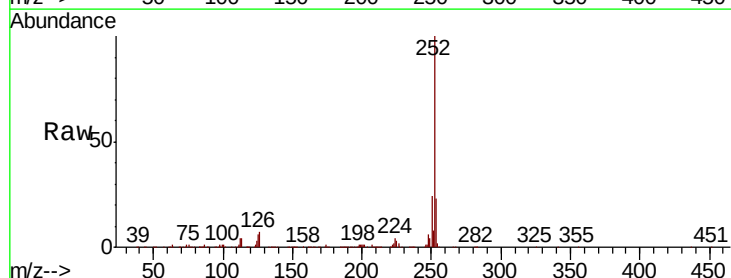
Delta R.T. -0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Tgt Ion:252 Resp: 769177

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	5.7	5.0	7.6

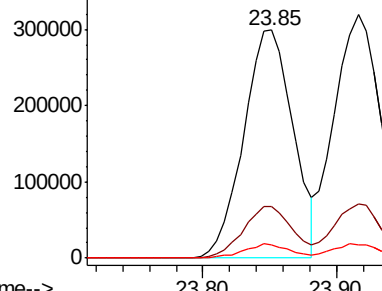


Abundance

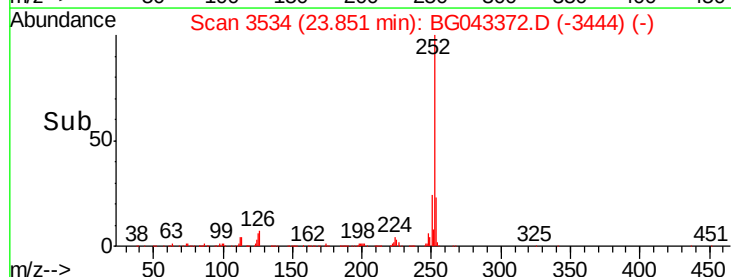
Ion 252.00 (251.70 to 252.70): E

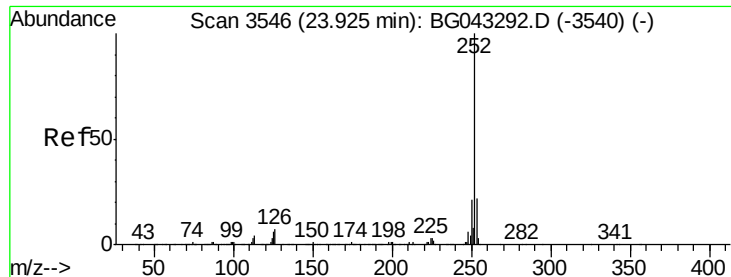
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->

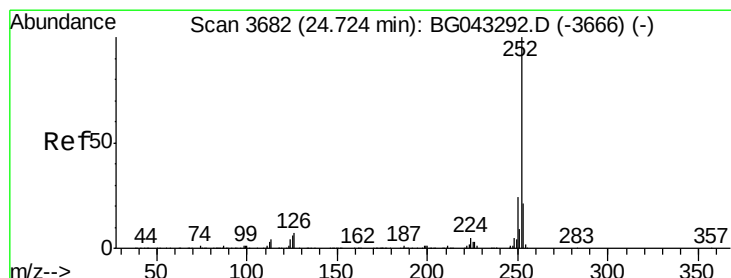
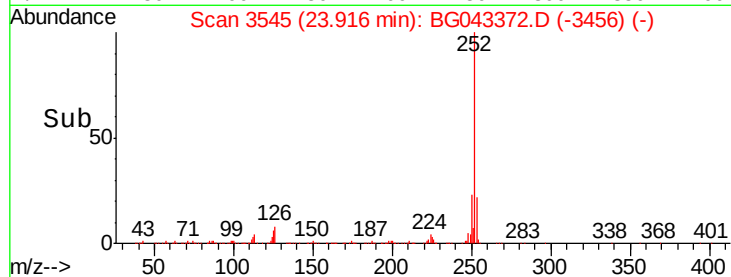
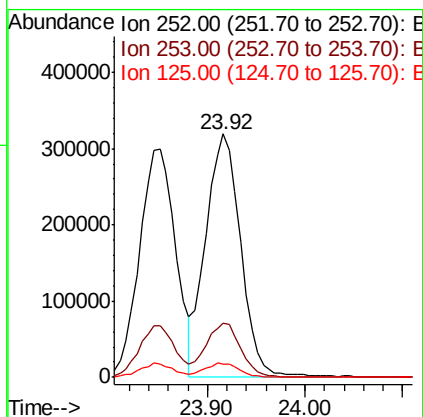
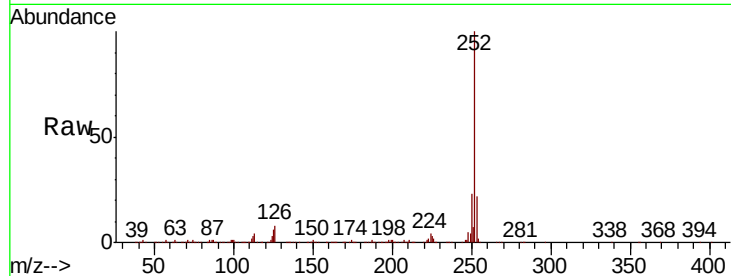




#89
Benzo(k)fluoranthene
Concen: 41.851 ng
RT: 23.92 min Scan# 3545
Delta R.T. -0.01 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

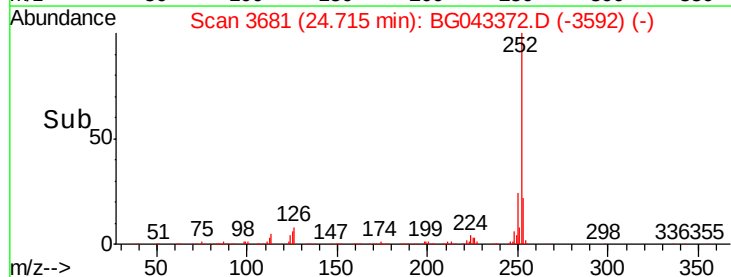
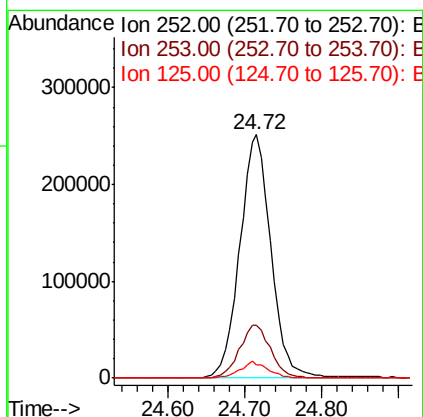
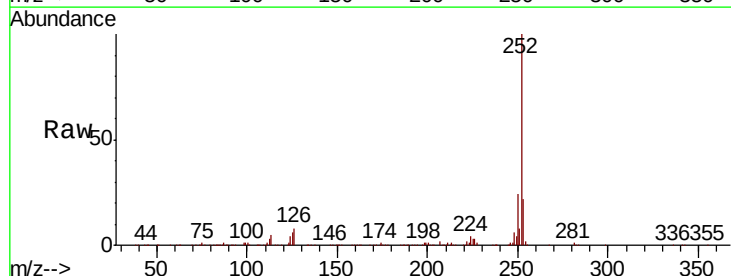
Instrument :
BNA_G
ClientSampleId :

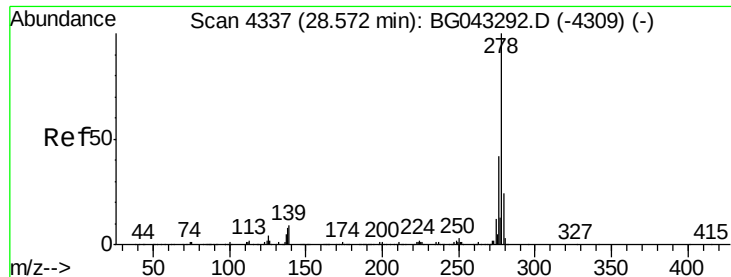
Tot Ion:252 Resp: 786110
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 5.6 4.5 6.7



#90
Benzo(a)pyrene
Concen: 39.888 ng
RT: 24.72 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG043372.D
Acq: 29 Oct 2019 13:49

Tgt Ion:252 Resp: 710700
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 5.6 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 42.920 ng

RT: 28.56 min Scan# 4336

Delta R.T. -0.01 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

Instrument :

BNA_G

ClientSampleId :

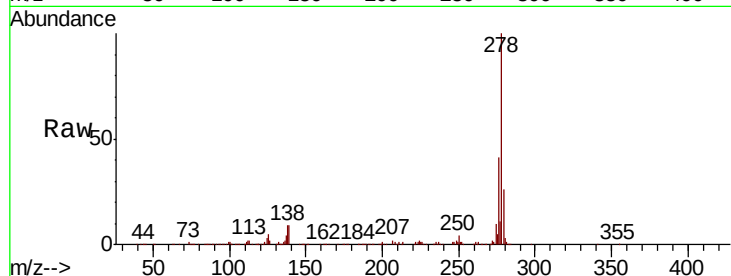
Tot Ion:278 Resp: 782190

Ion Ratio Lower Upper

278 100

139 9.2 6.8 10.2

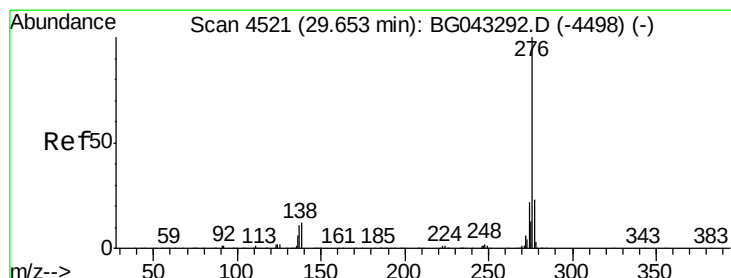
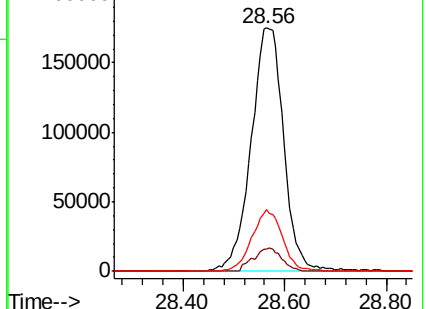
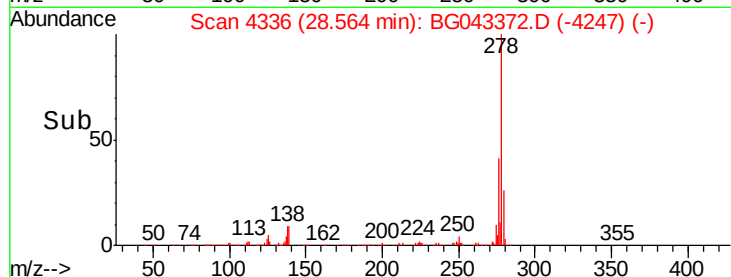
279 25.6 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.897 ng

RT: 29.65 min Scan# 4521

Delta R.T. -0.00 min

Lab File: BG043372.D

Acq: 29 Oct 2019 13:49

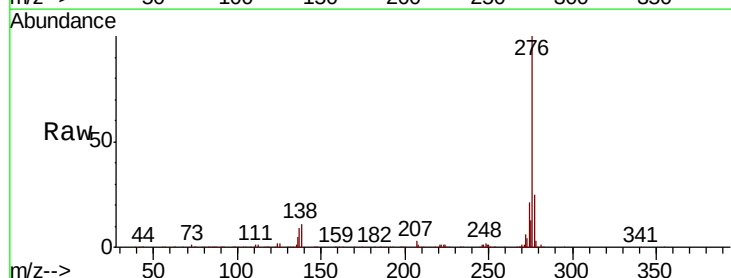
Tgt Ion:276 Resp: 771139

Ion Ratio Lower Upper

276 100

277 24.8 18.3 27.5

138 10.9 9.3 13.9



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

