

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
 Data File : BG043402.D
 Acq On : 30 Oct 2019 16:02
 Operator : JU
 Sample : PB124406BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 31 05:07:34 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	33844	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	139584	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	107803	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	258773	20.00	ng	0.00
76) Chrysene-d12	21.66	240	290371	20.00	ng	0.00
87) Perylene-d12	24.86	264	312385	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	246356	133.39	ng	0.00
7) Phenol-d6	7.21	99	325829	122.62	ng	0.00
23) Nitrobenzene-d5	9.18	82	168841	62.36	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	222976	108.69	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	469394	60.17	ng	0.00
79) Terphenyl-d14	20.00	244	973442	62.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	28218	39.206	ng	# 92
3) Pyridine	3.89	79	67487	37.171	ng	98
4) n-Nitrosodimethylamine	3.80	42	39876	43.526	ng	# 90
6) Aniline	7.35	93	107534	35.129	ng	93
8) 2-Chlorophenol	7.59	128	99436	48.772	ng	98
9) Benzaldehyde	7.16	77	54987	42.106	ng	86
10) Phenol	7.24	94	117981	48.587	ng	99
11) bis(2-Chloroethyl)ether	7.44	93	81275	43.292	ng	96
12) 1,3-Dichlorobenzene	7.91	146	106291	41.610	ng	96
13) 1,4-Dichlorobenzene	8.05	146	107679	41.664	ng	98
14) 1,2-Dichlorobenzene	8.38	146	103910	41.178	ng	98
15) Benzyl Alcohol	8.27	79	85319	45.717	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.55	45	105695	38.719	ng	97
17) 2-Methylphenol	8.48	107	84189	47.560	ng	96
18) Hexachloroethane	9.10	117	37086	39.773	ng	95
19) n-Nitroso-di-n-propylamine	8.82	70	70221	40.895	ng	94
20) 3+4-Methylphenols	8.81	107	110686	45.599	ng	92
22) Acetophenone	8.85	105	140796	39.388	ng	# 98
24) Nitrobenzene	9.22	77	103034	39.948	ng	97
25) Isophorone	9.74	82	196900	39.777	ng	97
26) 2-Nitrophenol	9.94	139	55716	44.745	ng	99
27) 2,4-Dimethylphenol	10.01	122	89347	50.063	ng	97
28) bis(2-Chloroethoxy)methane	10.23	93	110475	40.437	ng	97
29) 2,4-Dichlorophenol	10.49	162	105079	45.952	ng	92
30) 1,2,4-Trichlorobenzene	10.69	180	113466	39.370	ng	99
31) Naphthalene	10.88	128	299689	42.298	ng	99
32) Benzoic acid	10.17	122	48052	37.663	ng	92
33) 4-Chloroaniline	11.00	127	67177	23.130	ng	95
34) Hexachlorobutadiene	11.16	225	80661	37.860	ng	94
35) Caprolactam	11.76	113	15524	19.712	ng	# 78
36) 4-Chloro-3-methylphenol	12.12	107	112679	45.175	ng	95
37) 2-Methylnaphthalene	12.48	142	226364	41.639	ng	98
38) 1-Methylnaphthalene	12.70	142	212221	41.028	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	147579	36.991	ng	# 98

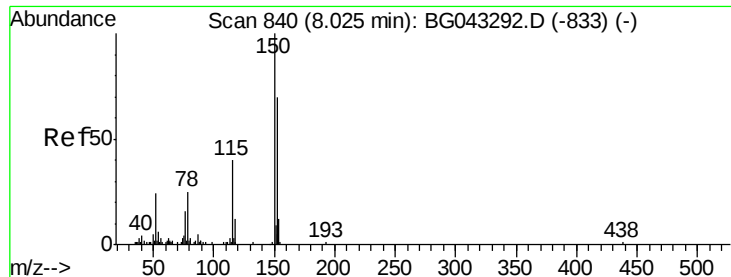
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
 Data File : BG043402.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	172914	82.506	nq	98
43) 2,4,6-Trichlorophenol	13.09	196	95931	40.830	nq	96
44) 2,4,5-Trichlorophenol	13.18	196	103338	43.505	nq	96
46) 1,1'-Biphenyl	13.48	154	310248	37.830	nq	100
47) 2-Chloronaphthalene	13.53	162	239965	38.456	nq	97
48) 2-Nitroaniline	13.73	65	70033	37.551	nq	93
49) Acenaphthylene	14.37	152	394631	40.635	nq	98
50) Dimethylphthalate	14.10	163	326518	39.104	nq	99
51) 2,6-Dinitrotoluene	14.22	165	74780	41.223	nq	95
52) Acenaphthene	14.71	154	228680	38.612	nq	95
53) 3-Nitroaniline	14.56	138	50460	28.811	nq	94
54) 2,4-Dinitrophenol	14.77	184	83657	74.411	nq	95
55) Dibenzofuran	15.05	168	388001	40.399	nq	99
56) 4-Nitrophenol	14.89	139	111906	95.346	nq	97
57) 2,4-Dinitrotoluene	15.01	165	105126	40.550	nq	95
58) Fluorene	15.70	166	323665	40.181	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	105540	41.820	nq	# 98
60) Diethylphthalate	15.46	149	326819	38.953	nq	99
61) 4-Chlorophenyl-phenylether	15.69	204	185521	39.479	nq	99
62) 4-Nitroaniline	15.73	138	69741	38.557	nq	99
63) Azobenzene	15.98	77	272249	40.094	nq	98
65) 4,6-Dinitro-2-methylphenol	15.78	198	63382	41.620	nq	96
66) n-Nitrosodiphenylamine	15.90	169	294735	40.342	nq	99
67) 4-Bromophenyl-phenylether	16.58	248	130089	37.355	nq	96
68) Hexachlorobenzene	16.71	284	147930	37.006	nq	97
69) Atrazine	16.85	200	127342	50.162	nq	95
70) Pentachlorophenol	17.05	266	168007	92.235	nq	95
71) Phenanthrene	17.44	178	526358	39.722	nq	99
72) Anthracene	17.53	178	544228	41.049	nq	99
73) Carbazole	17.80	167	485616	40.447	nq	98
74) Di-n-butylphthalate	18.35	149	584289	40.109	nq	100
75) Fluoranthene	19.44	202	706884	40.919	nq	99
77) Benzidine	19.63	184	227229	38.884	nq	99
78) Pyrene	19.81	202	716869	39.885	nq	99
80) Butylbenzylphthalate	20.69	149	268364	39.410	nq	95
81) Benzo(a)anthracene	21.64	228	743816	40.895	nq	100
82) 3,3'-Dichlorobenzidine	21.56	252	240652	34.208	nq	97
83) Chrysene	21.71	228	715547	39.595	nq	100
84) Bis(2-ethylhexyl)phthalate	21.54	149	393088	40.638	nq	98
85) Di-n-octyl phthalate	22.74	149	672723	40.992	nq	100
86) Indeno(1,2,3-cd)pyrene	28.50	276	943668	41.599	nq	# 98
88) Benzo(b)fluoranthene	23.85	252	772010	43.635	nq	99
89) Benzo(k)fluoranthene	23.91	252	799735	44.901	nq	98
90) Benzo(a)pyrene	24.71	252	724526	42.884	nq	98
91) Dibenzo(a,h)anthracene	28.55	278	794085	45.951	nq	97
92) Benzo(g,h,i)perylene	29.64	276	793684	46.561	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Instrument :

BNA_G

ClientSampleId :

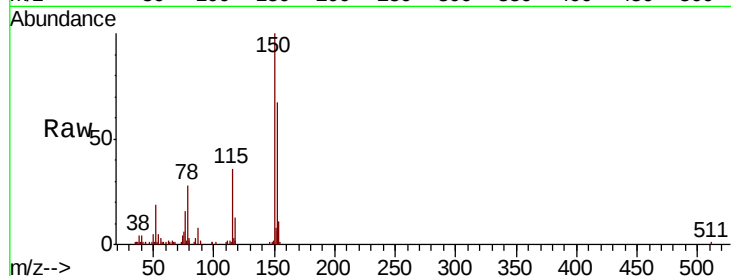
Tot Ion:152 Resp: 33844

Ion Ratio Lower Upper

152 100

150 149.0 113.6 170.4

115 53.3 45.9 68.9

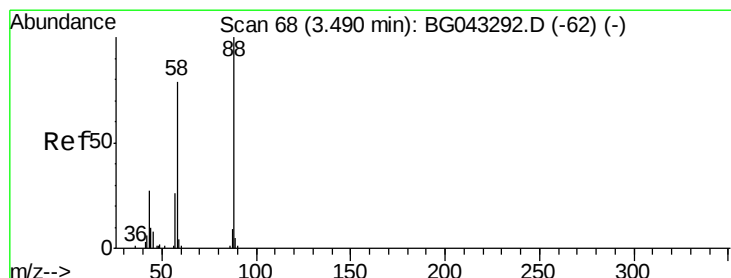
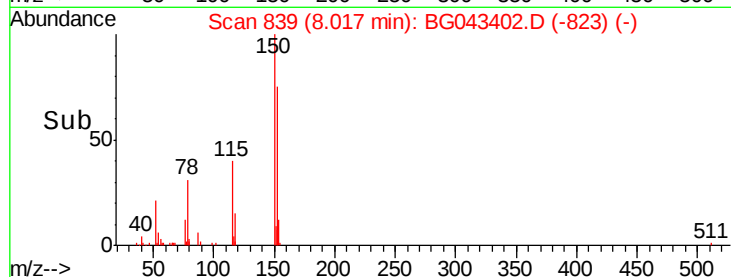
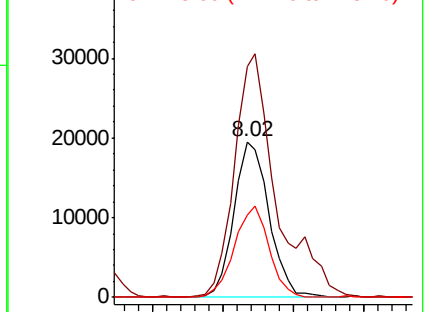


Abundance

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: 39.206 ng

RT: 3.48 min Scan# 67

Delta R.T. -0.01 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

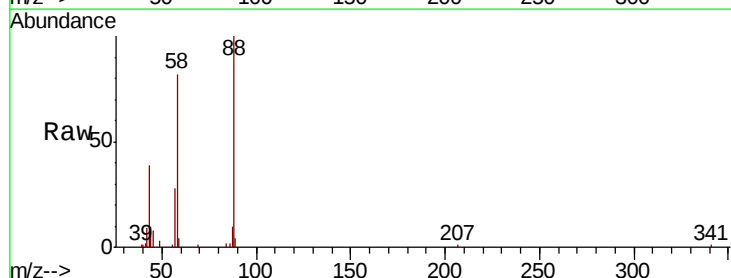
Tgt Ion: 88 Resp: 28218

Ion Ratio Lower Upper

88 100

58 80.1 60.2 90.2

43 35.8 22.7 34.1#

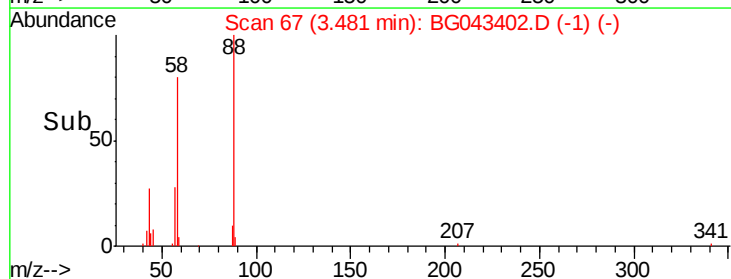
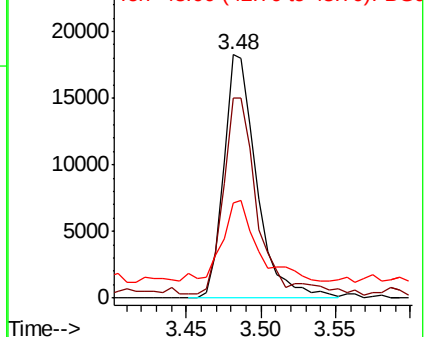


Abundance

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: 37.171 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Instrument :

BNA_G

ClientSampleId :

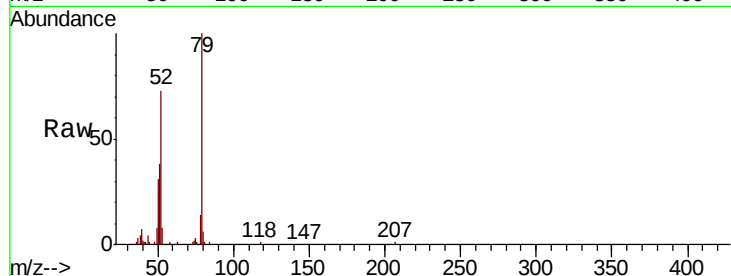
Tot Ion: 79 Resp: 67487

Ion Ratio Lower Upper

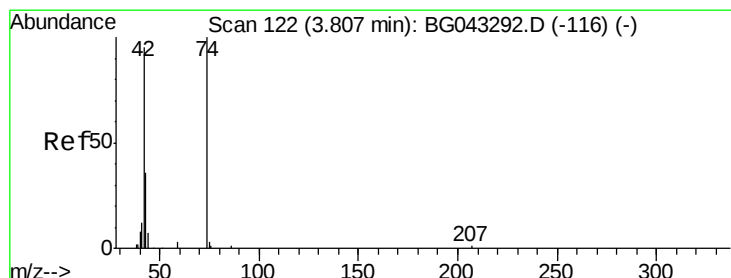
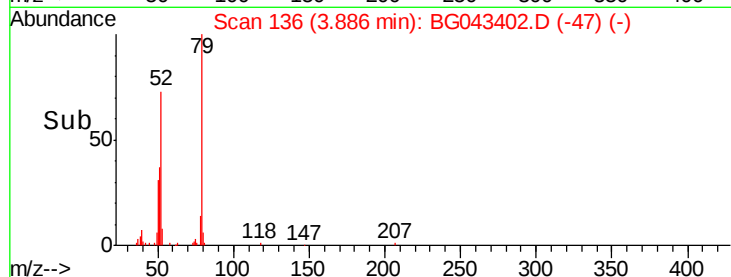
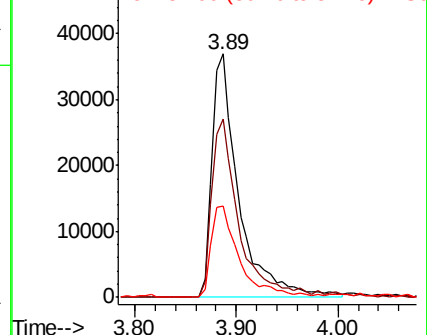
79 100

52 73.2 59.7 89.5

51 37.5 31.8 47.6



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



#4

n-Nitrosodimethylamine

Concen: 43.526 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

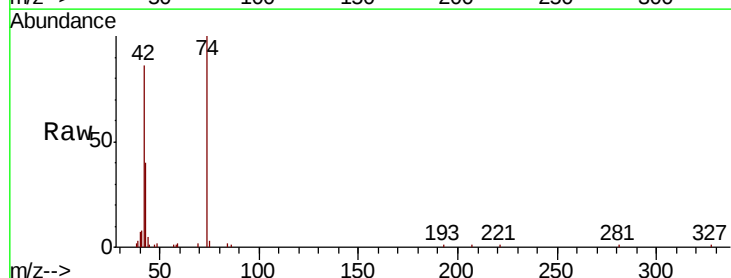
Tgt Ion: 42 Resp: 39876

Ion Ratio Lower Upper

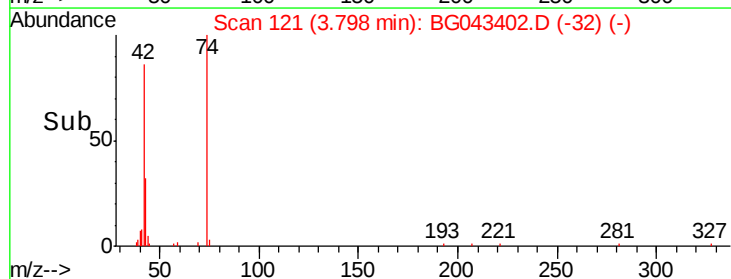
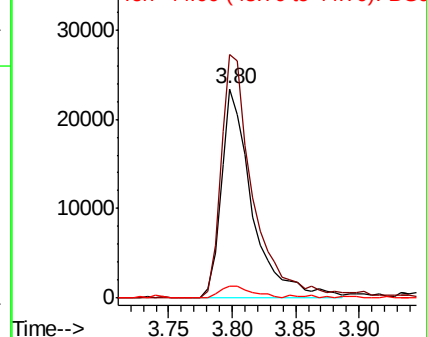
42 100

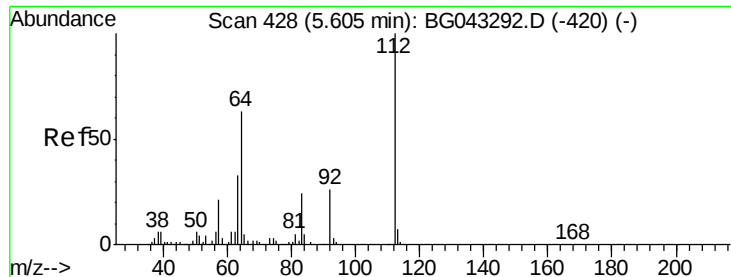
74 116.2 84.2 126.2

44 5.6 6.0 9.0#



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





#5

2-Fluorophenol

Concen: 133.387 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Instrument :

BNA_G

ClientSampleId :

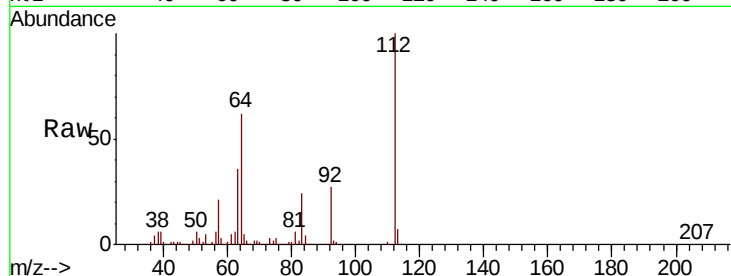
Tot Ion:112 Resp: 246356

Ion Ratio Lower Upper

112 100

64 61.5 50.2 75.2

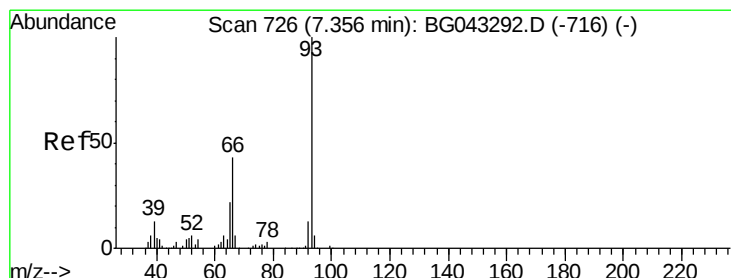
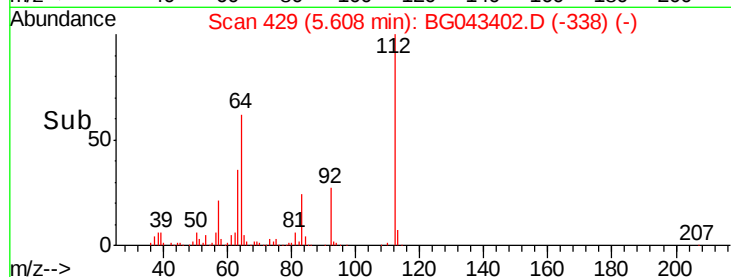
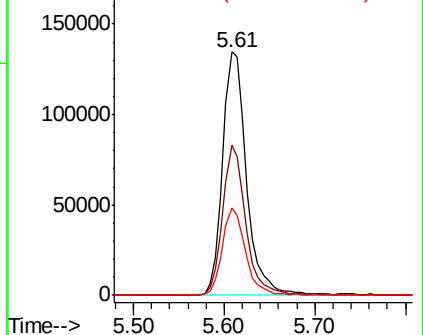
63 36.1 26.7 40.1



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: 35.129 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.00 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

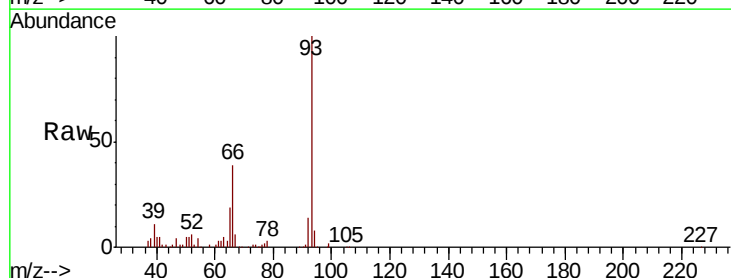
Tgt Ion: 93 Resp: 107534

Ion Ratio Lower Upper

93 100

66 39.2 34.5 51.7

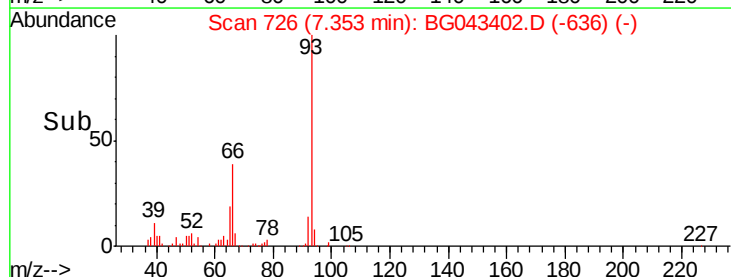
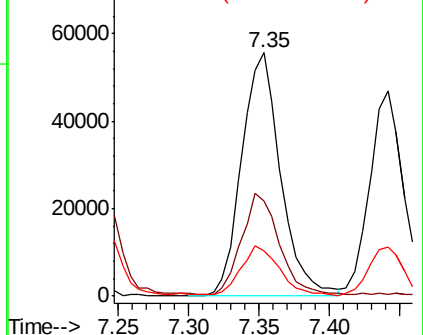
65 18.7 18.0 27.0

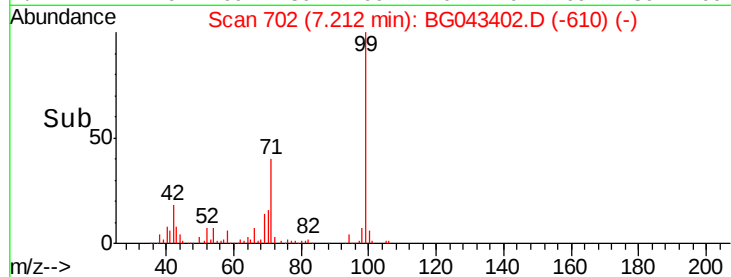
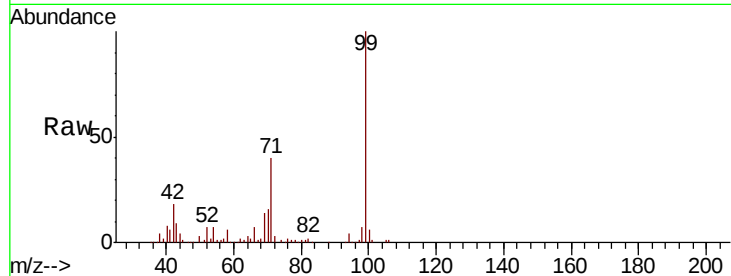


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 122.617 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Instrument :

BNA_G

ClientSampleId :

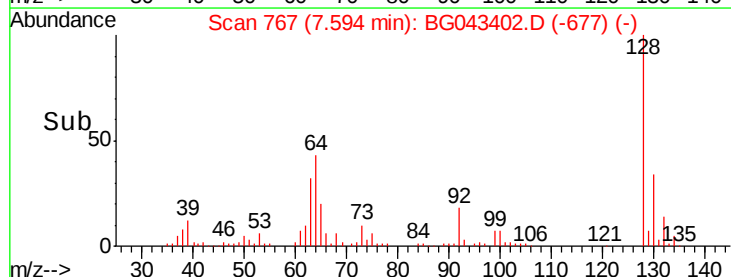
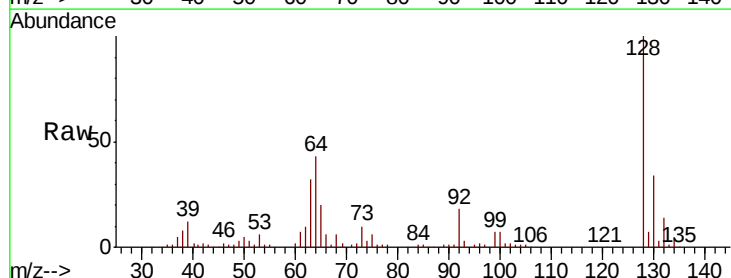
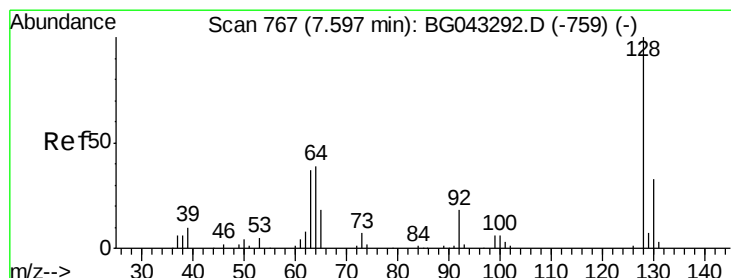
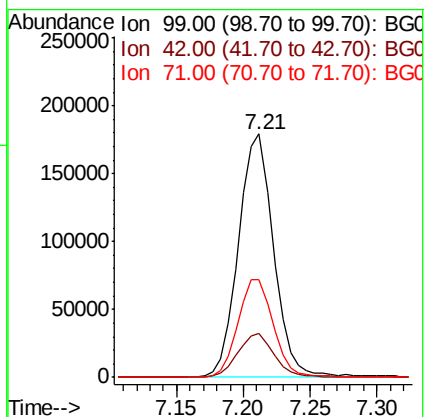
Tot Ion: 99 Resp: 325829

Ion Ratio Lower Upper

99 100

42 18.0 14.9 22.3

71 39.9 32.2 48.2



#8

2-Chlorophenol

Concen: 48.772 ng

RT: 7.59 min Scan# 767

Delta R.T. -0.00 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

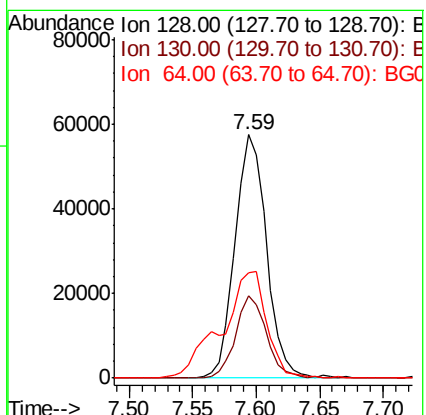
Tgt Ion: 128 Resp: 99436

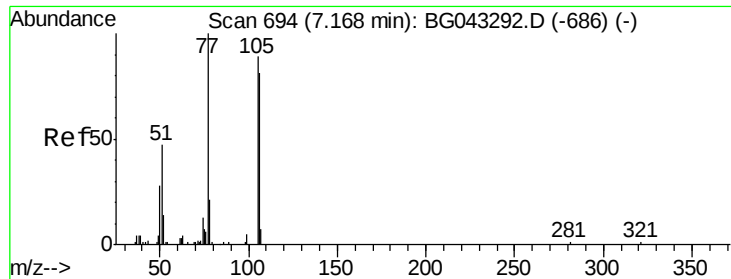
Ion Ratio Lower Upper

128 100

130 33.6 12.9 52.9

64 43.0 24.9 64.9





#9

Benzaldehyde

Concen: 42.106 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Instrument :

BNA_G

ClientSampleId :

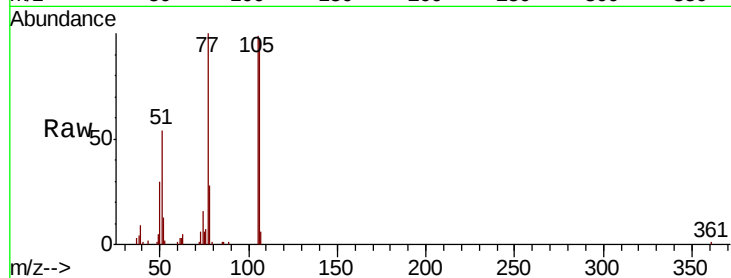
Tot Ion: 77 Resp: 54987

Ion Ratio Lower Upper

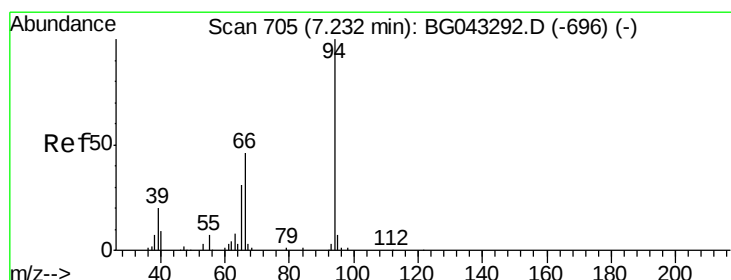
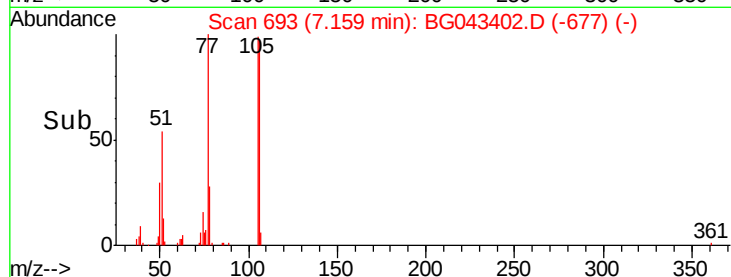
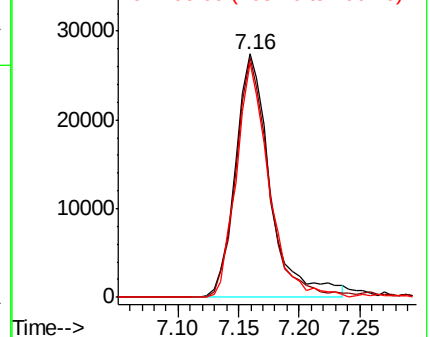
77 100

105 98.6 68.7 108.7

106 96.6 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: 48.587 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

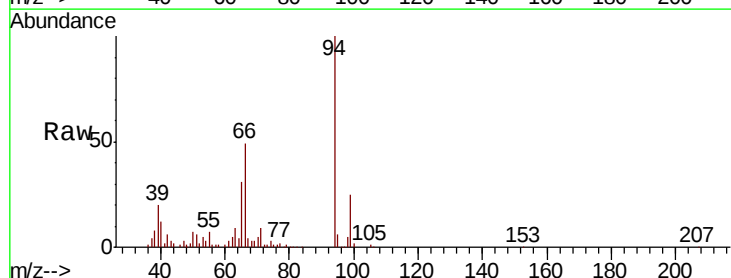
Tgt Ion: 94 Resp: 117981

Ion Ratio Lower Upper

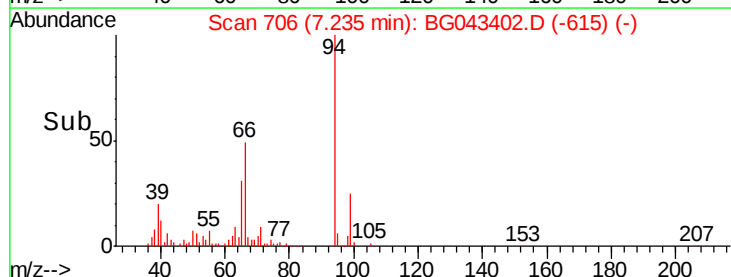
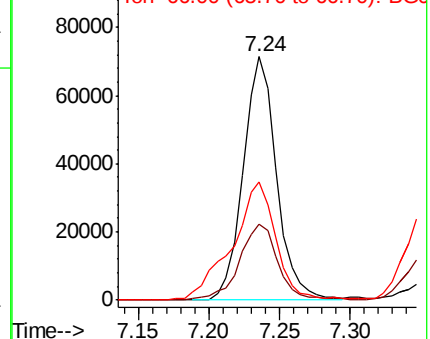
94 100

65 31.3 11.1 51.1

66 48.5 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

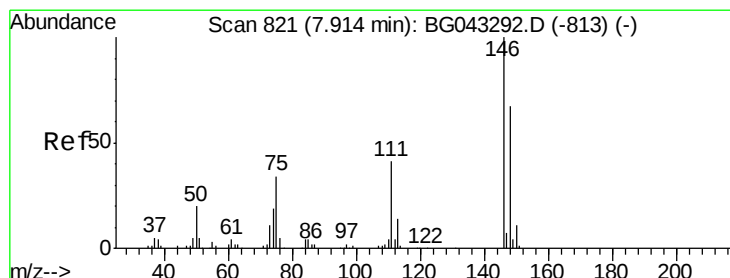
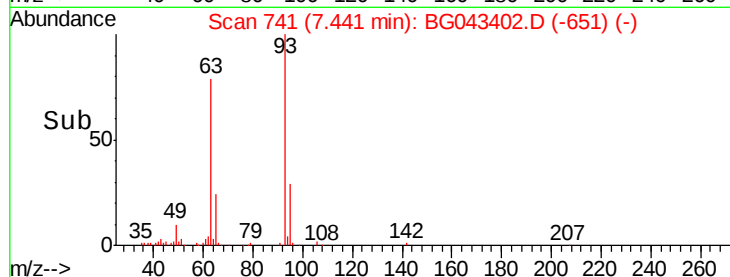
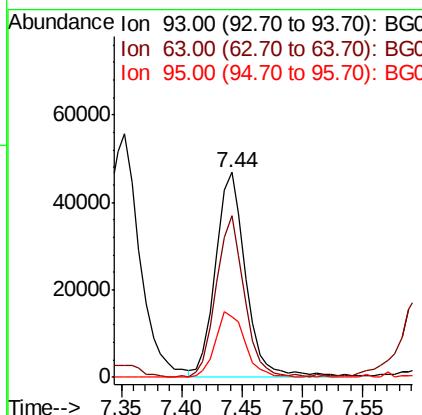
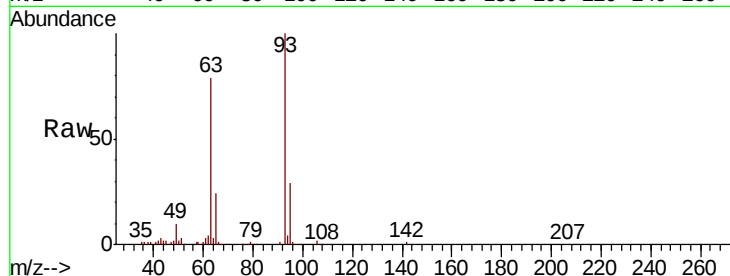




#11
bis(2-Chloroethyl)ether
Concen: 43.292 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.00 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

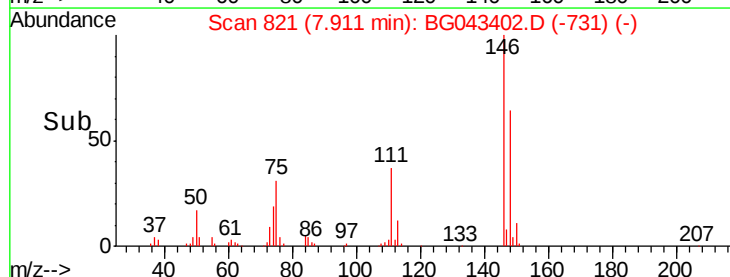
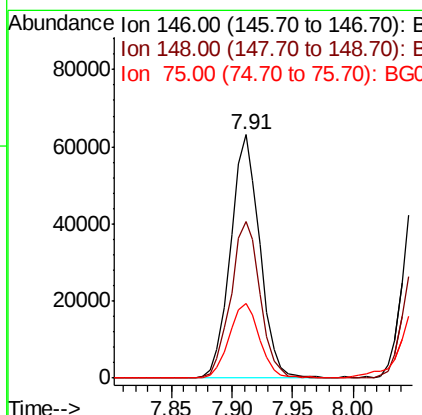
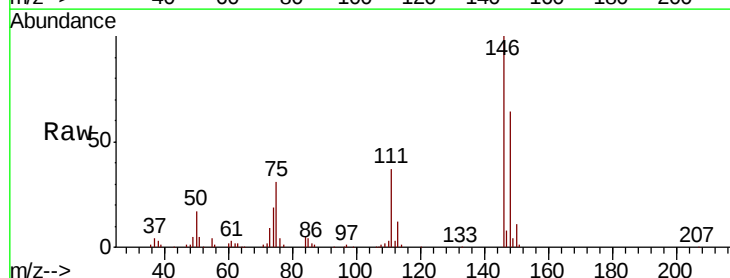
Instrument :
BNA_G
ClientSampleId :

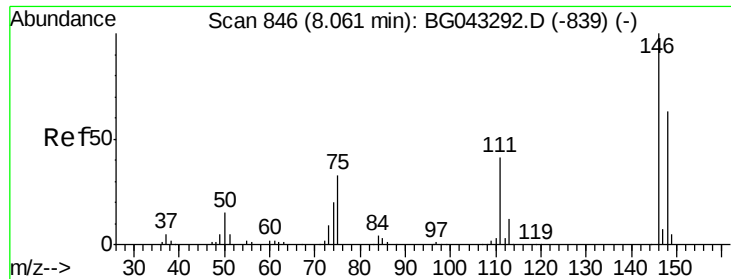
Tot Ion	93	Resp	81275
Ion	Ratio	Lower	Upper
93	100		
63	79.0	54.6	94.6
95	29.3	9.7	49.7



#12
1,3-Dichlorobenzene
Concen: 41.610 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Tgt Ion	146	Resp	106291
Ion	Ratio	Lower	Upper
146	100		
148	64.5	53.4	80.2
75	30.5	27.0	40.4

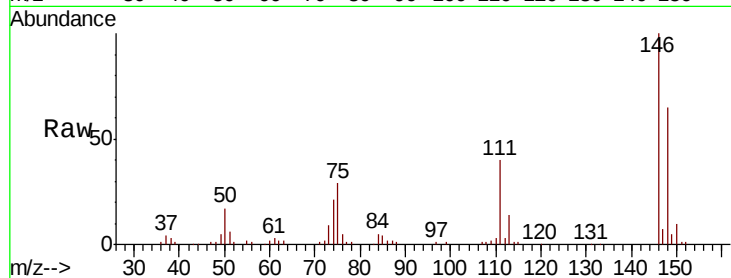




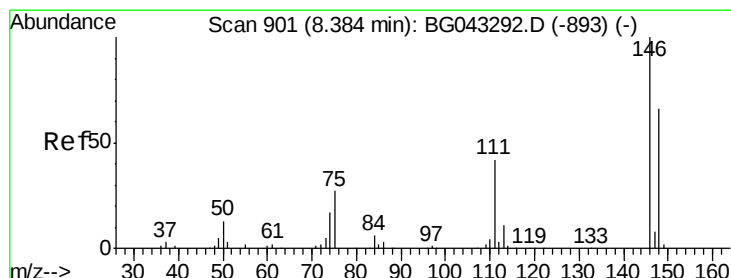
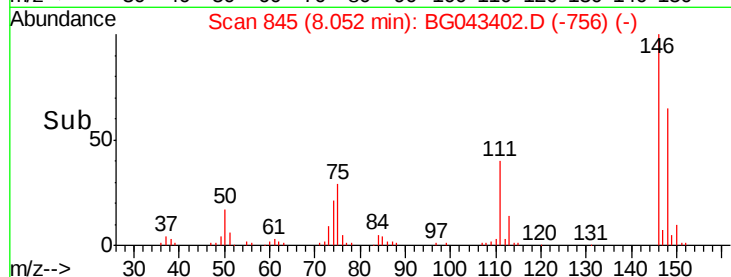
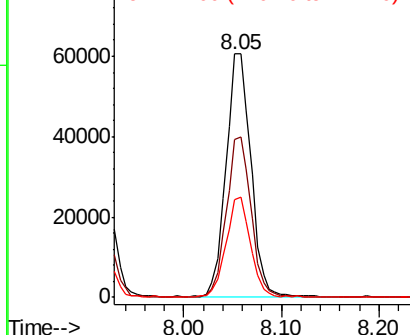
#13
 1,4-Dichlorobenzene
 Concen: 41.664 ng
 RT: 8.05 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BG043402.D
 Acq: 30 Oct 2019 16:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 107679
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.7 76.1
 111 40.2 33.0 49.6

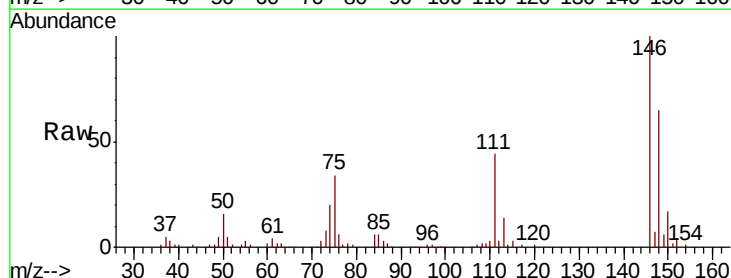


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

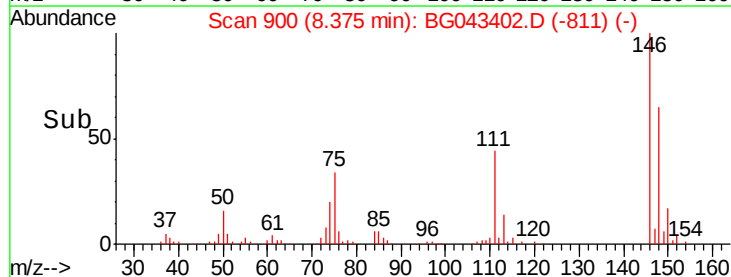
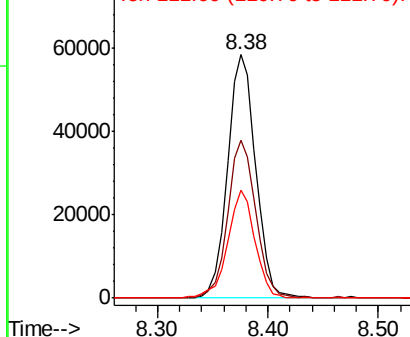


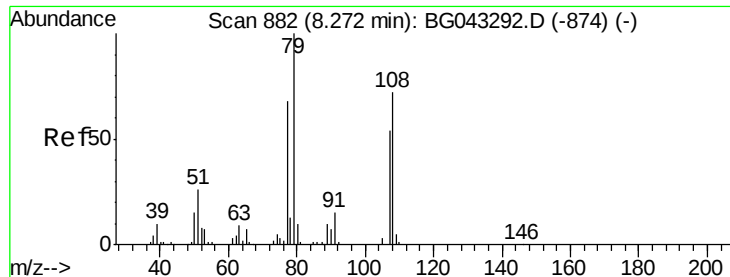
#14
 1,2-Dichlorobenzene
 Concen: 41.178 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG043402.D
 Acq: 30 Oct 2019 16:02

Tgt Ion:146 Resp: 103910
 Ion Ratio Lower Upper
 146 100
 148 64.8 53.0 79.4
 111 44.2 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: 45.717 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Instrument :

BNA_G

ClientSampleId :

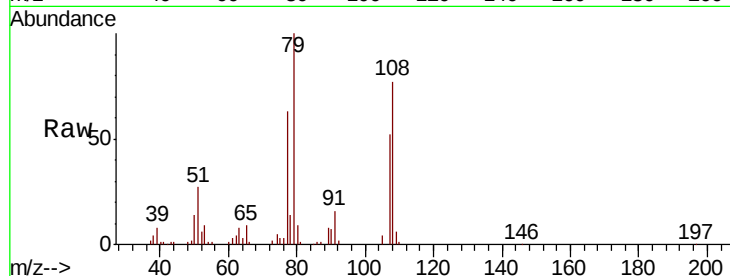
Tot Ion: 79 Resp: 85319

Ion Ratio Lower Upper

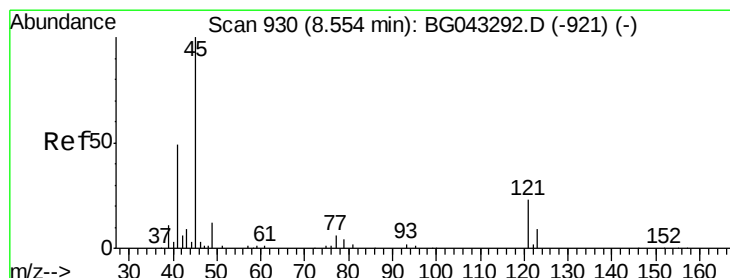
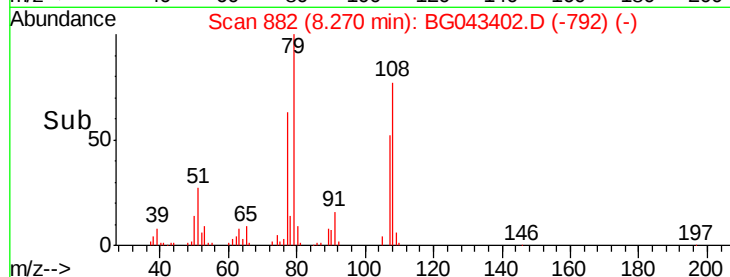
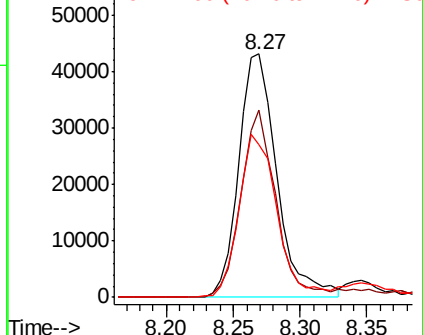
79 100

108 76.7 57.3 85.9

77 62.9 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: 38.719 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

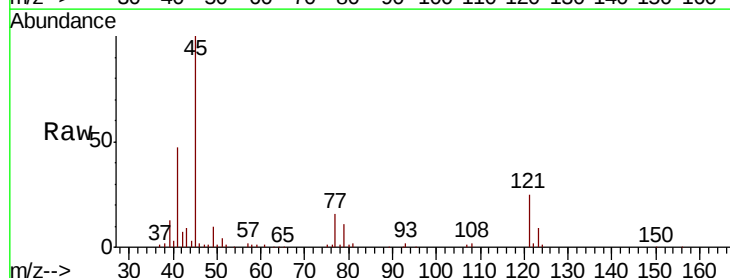
Tgt Ion: 45 Resp: 105695

Ion Ratio Lower Upper

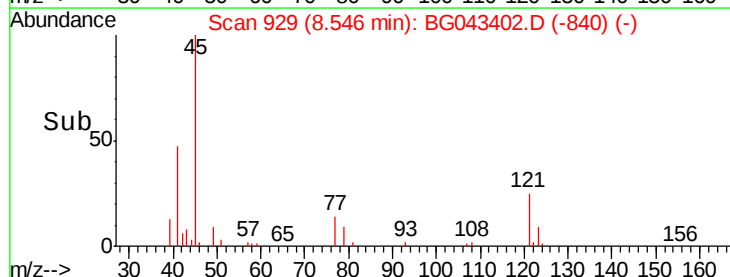
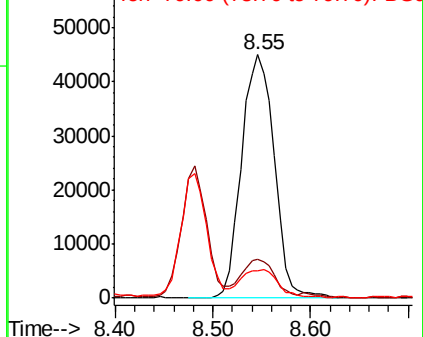
45 100

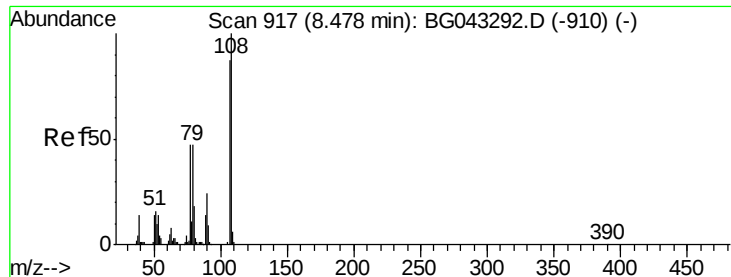
77 15.7 0.0 34.2

79 11.3 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: 47.560 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 84189

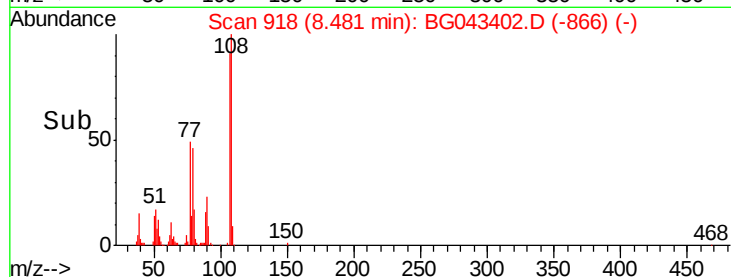
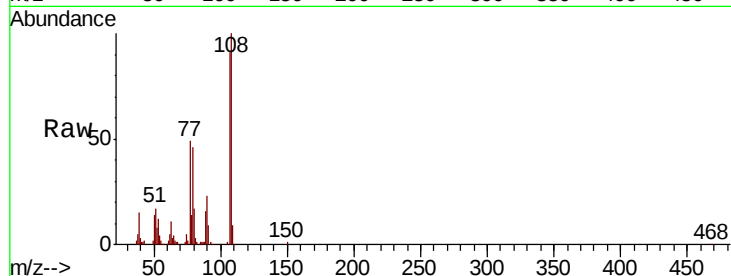
Ion Ratio Lower Upper

107 100

108 109.5 91.3 136.9

77 53.5 43.0 64.6

79 50.4 43.4 65.2

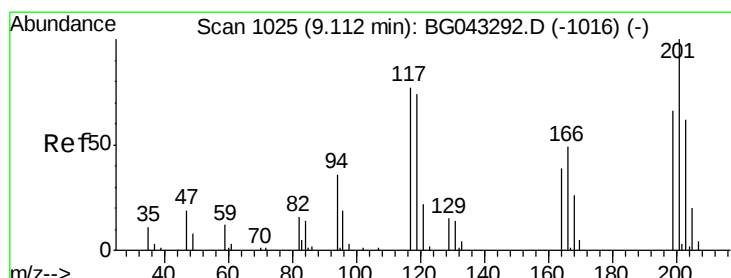
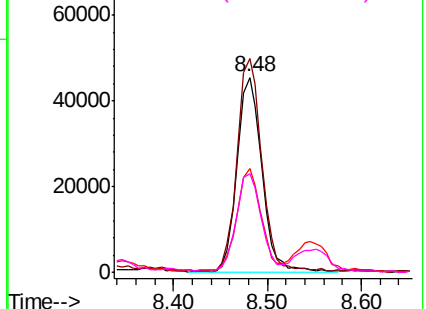


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.773 ng

RT: 9.10 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

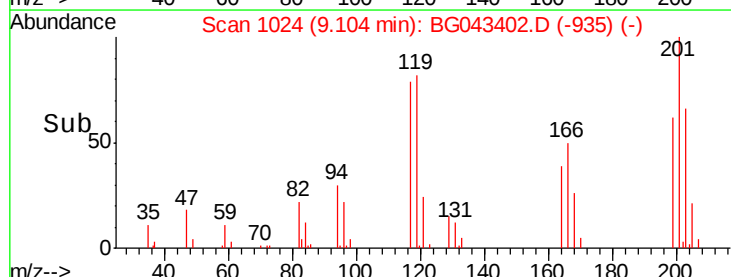
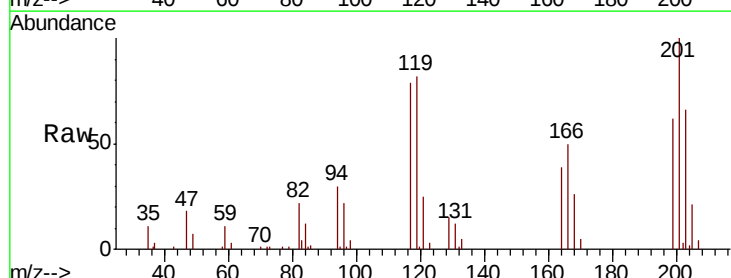
Tgt Ion:117 Resp: 37086

Ion Ratio Lower Upper

117 100

119 105.3 77.3 115.9

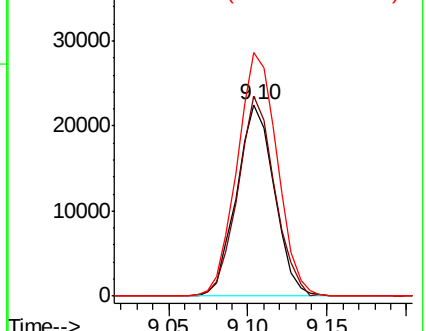
201 127.2 104.2 156.4

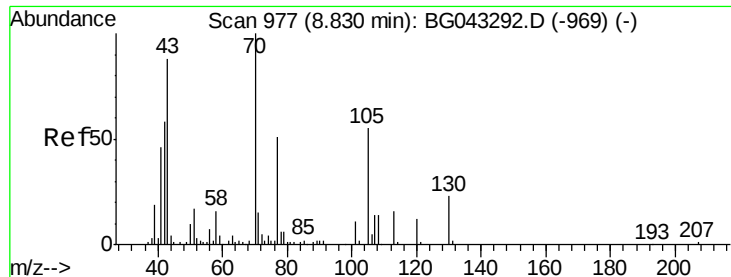


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

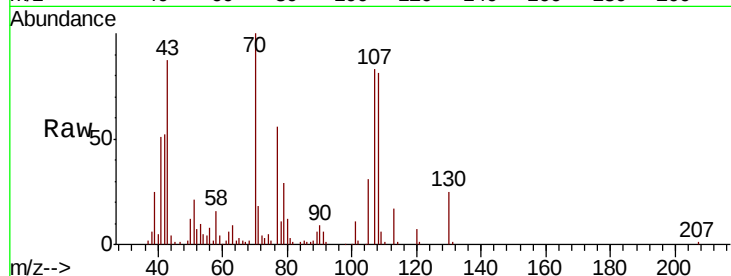




#19
n-Nitroso-di-n-propylamine
Concen: 40.895 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	70221
Ion	Ratio	Lower	Upper
70	100		
42	52.2	46.2	69.2
101	11.1	8.6	13.0
130	24.9	18.6	27.8



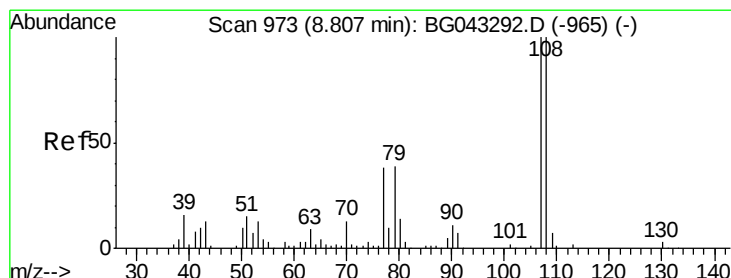
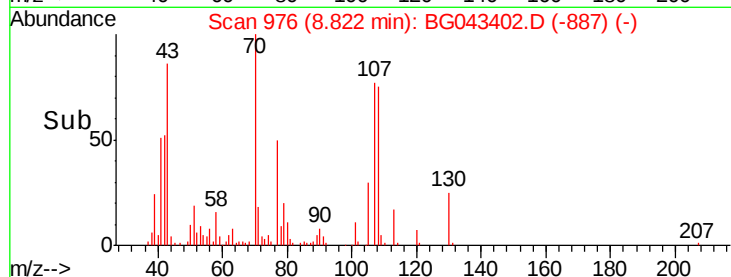
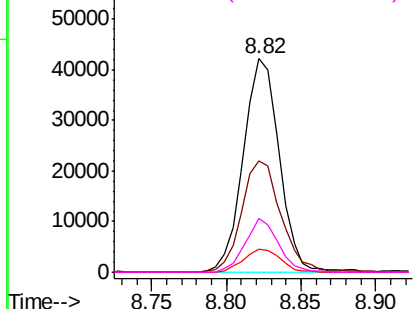
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

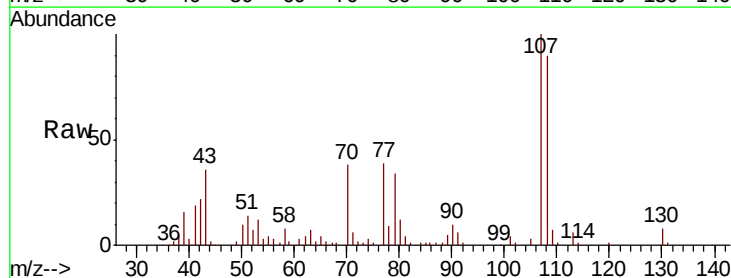
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 45.599 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Tgt Ion:	107	Resp:	110686
Ion	Ratio	Lower	Upper
107	100		
108	89.9	80.3	120.3
77	38.9	18.2	58.2
79	34.2	18.8	58.8



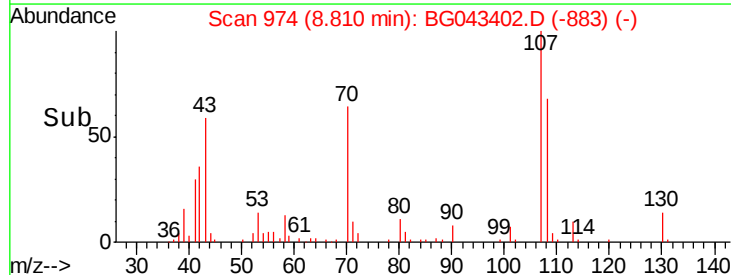
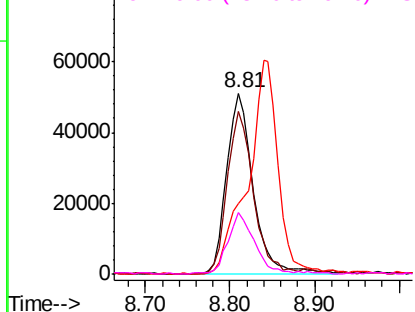
Abundance

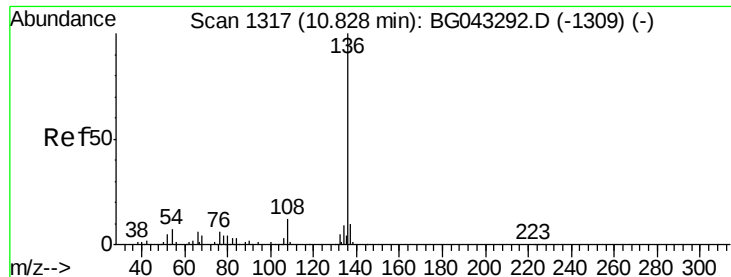
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

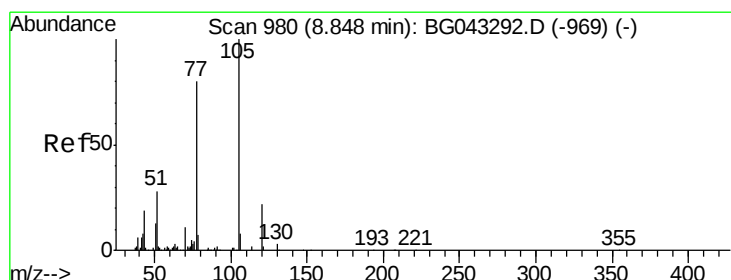
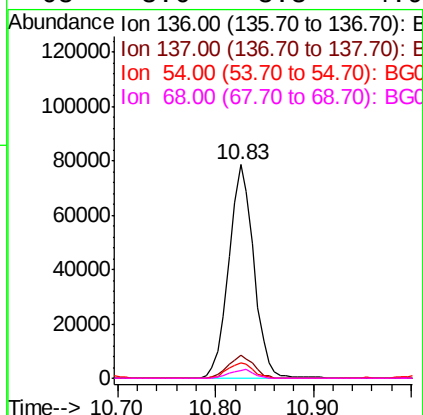
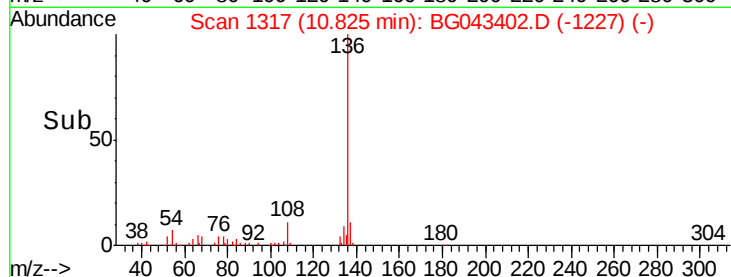
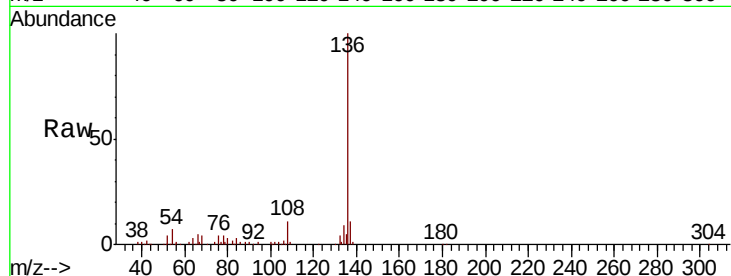




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

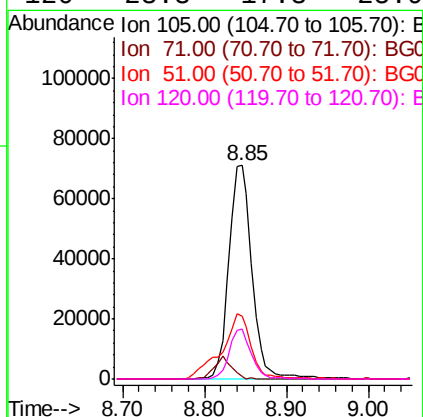
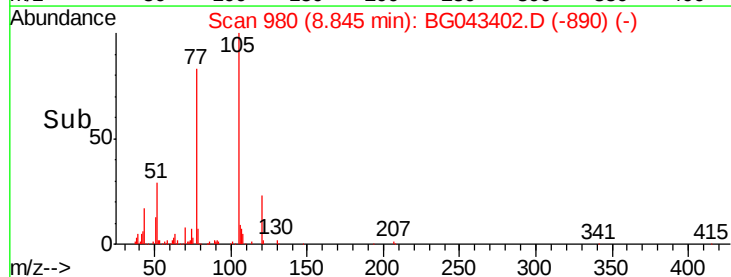
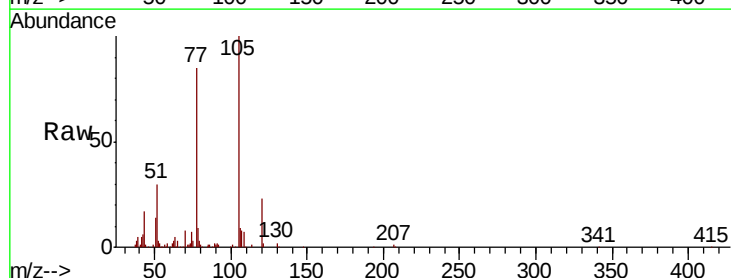
Instrument :
BNA_G
ClientSampleId :

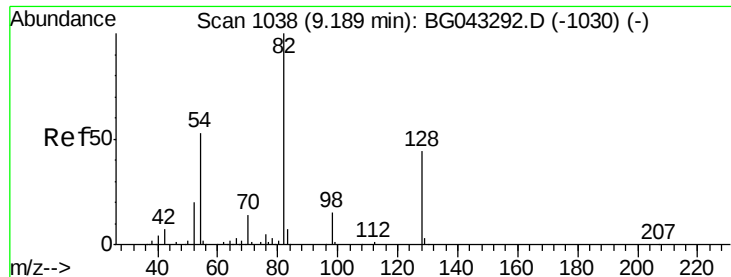
Tot Ion:136	Resp:	139584
Ion	Ratio	Lower Upper
136	100	
137	10.5	8.2 12.2
54	7.2	5.4 8.2
68	3.6	3.3 4.9



#22
Acetophenone
Concen: 39.388 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Tgt Ion:105	Resp:	140796
Ion	Ratio	Lower Upper
105	100	
71	1.4	1.5 2.3#
51	29.6	23.9 35.9
120	23.3	17.3 25.9

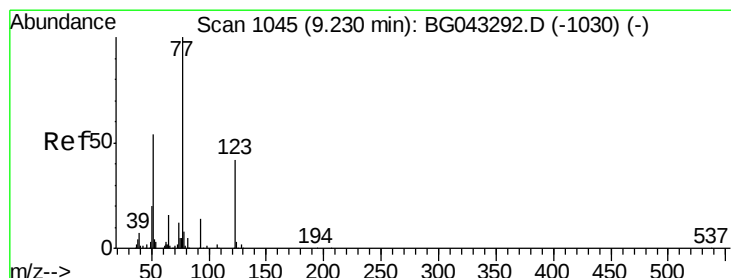
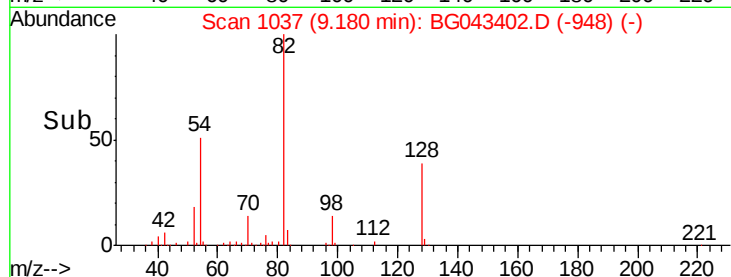
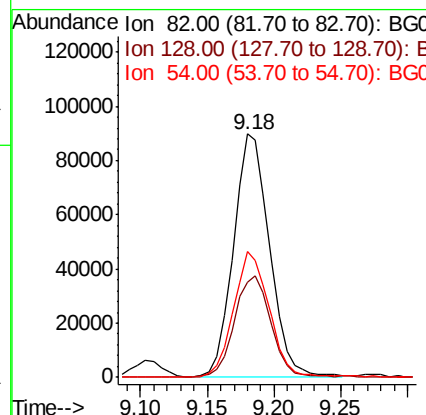
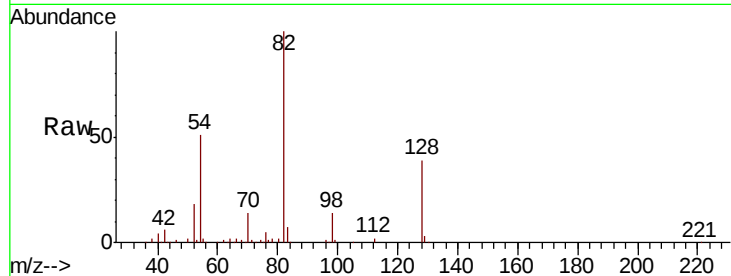




#23
 Nitrobenzene-d5
 Concen: 62.360 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BG043402.D
 Acq: 30 Oct 2019 16:02

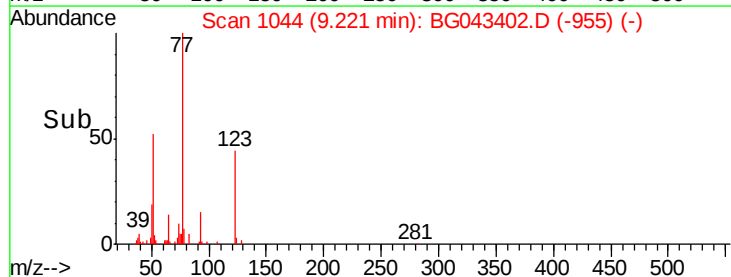
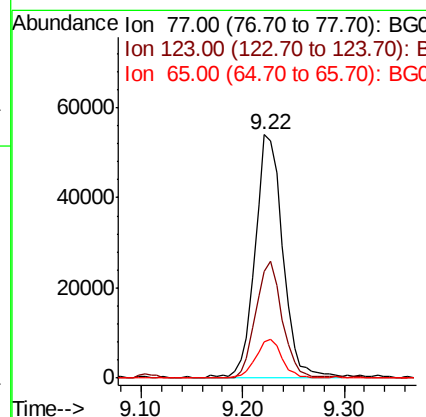
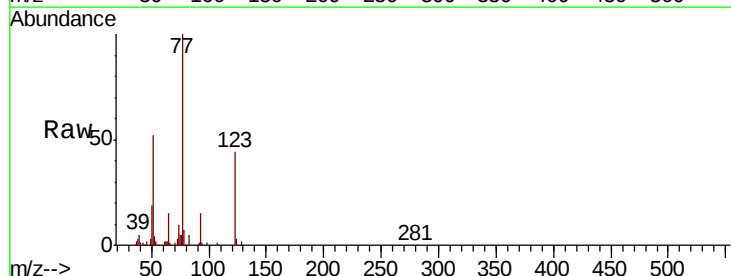
Instrument :
 BNA_G
 ClientSampleId :

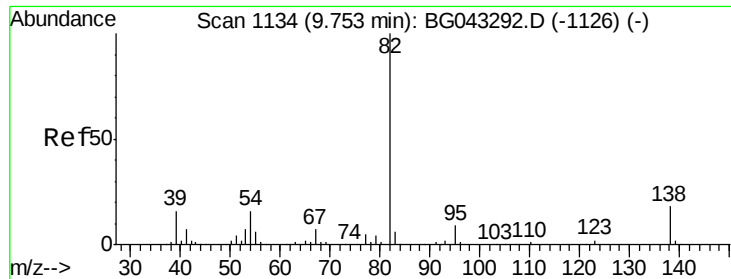
Tot Ion	82	Resp	168841
Ion Ratio	100	Lower	Upper
128	39.3	35.3	52.9
54	51.5	42.3	63.5



#24
 Nitrobenzene
 Concen: 39.948 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BG043402.D
 Acq: 30 Oct 2019 16:02

Tgt Ion	77	Resp	103034
Ion Ratio	100	Lower	Upper
123	43.8	33.8	50.8
65	14.8	13.0	19.4

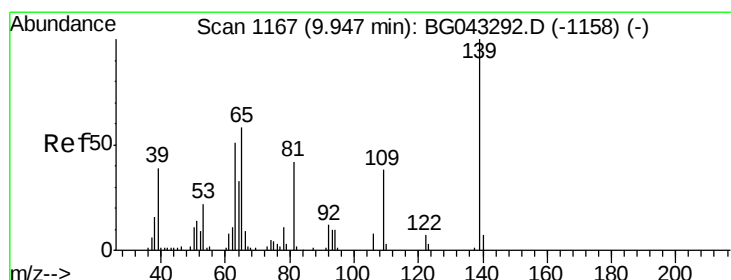
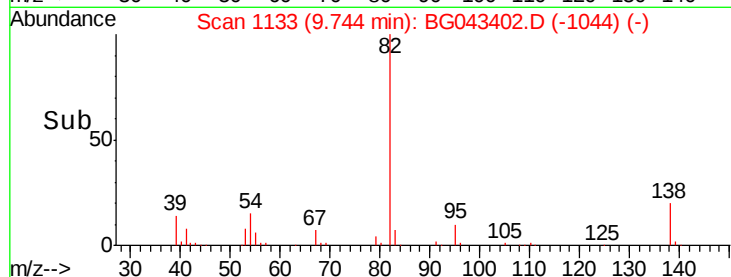
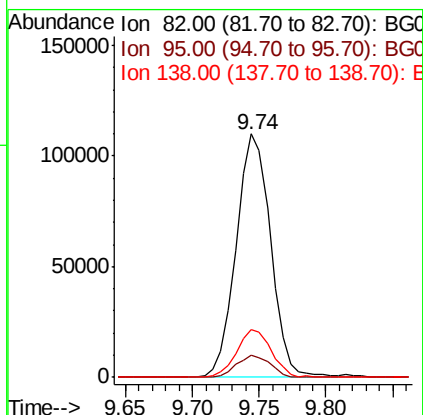
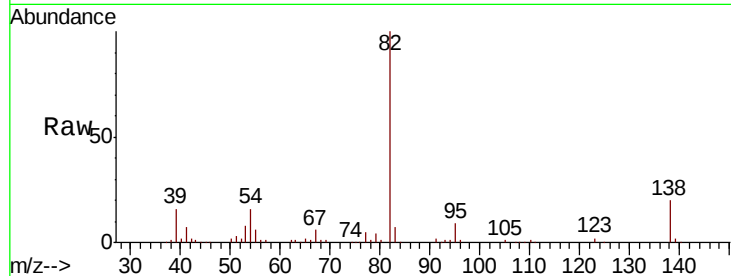




#25
Isophorone
Concen: 39.777 ng
RT: 9.74 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

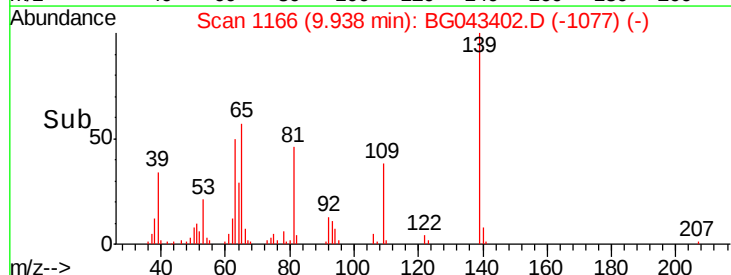
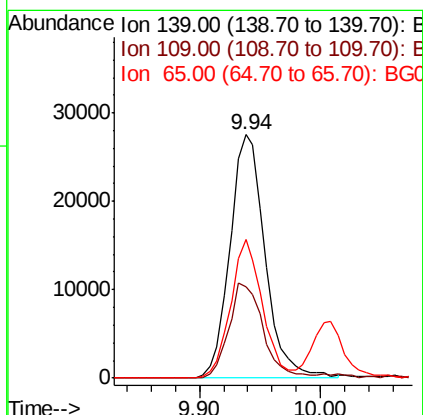
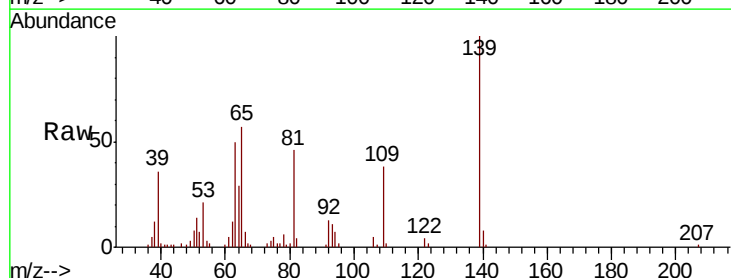
Instrument :
BNA_G
ClientSampleId :

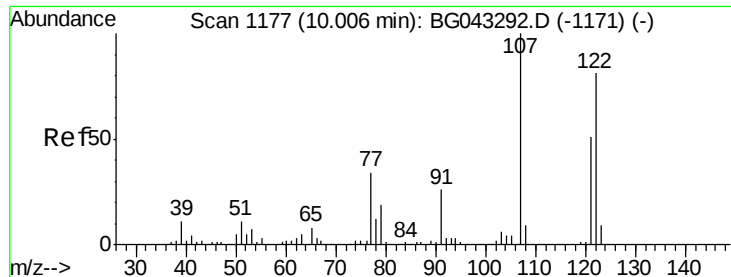
Tot Ion: 82 Resp: 196900
Ion Ratio Lower Upper
82 100
95 9.3 6.9 10.3
138 19.6 14.2 21.2



#26
2-Nitrophenol
Concen: 44.745 ng
RT: 9.94 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Tgt Ion: 139 Resp: 55716
Ion Ratio Lower Upper
139 100
109 37.6 30.1 45.1
65 56.7 46.1 69.1

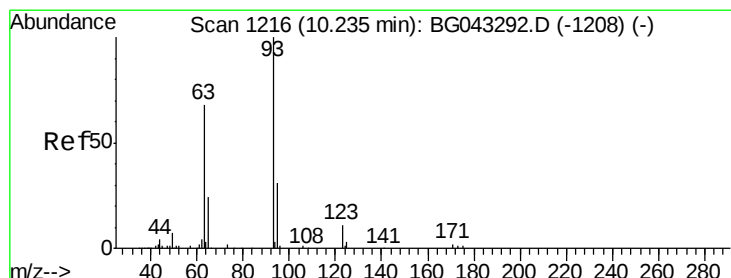
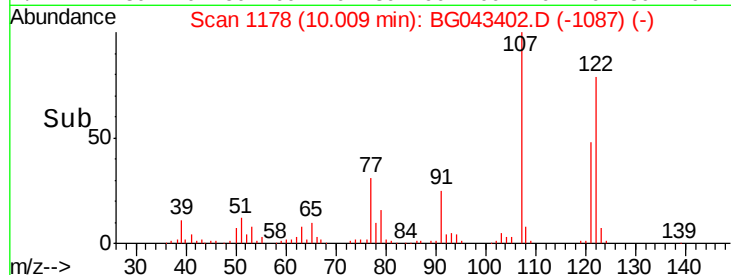
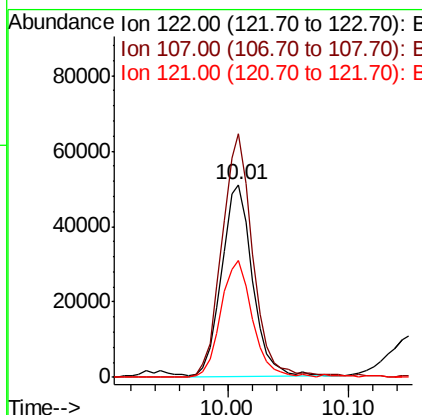
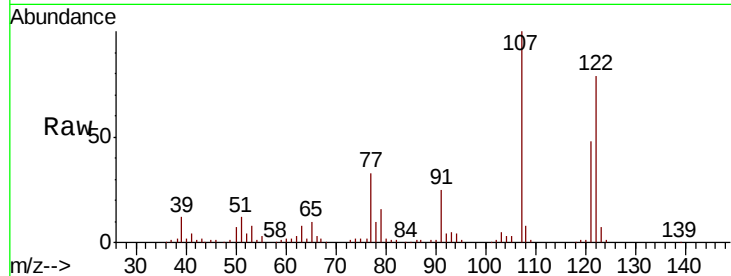




#27
 2,4-Dimethylphenol
 Concen: 50.063 ng
 RT: 10.01 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BG043402.D
 Acq: 30 Oct 2019 16:02

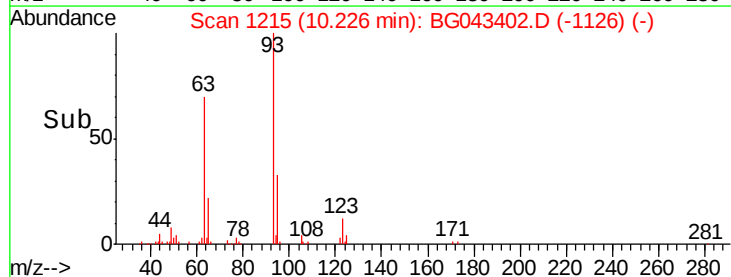
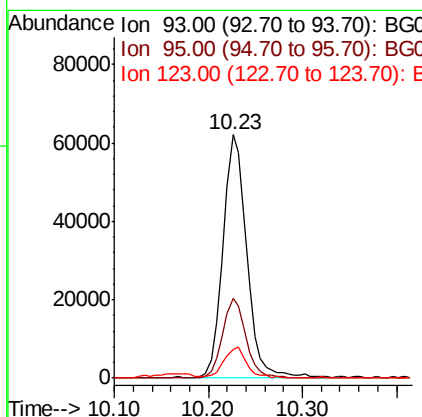
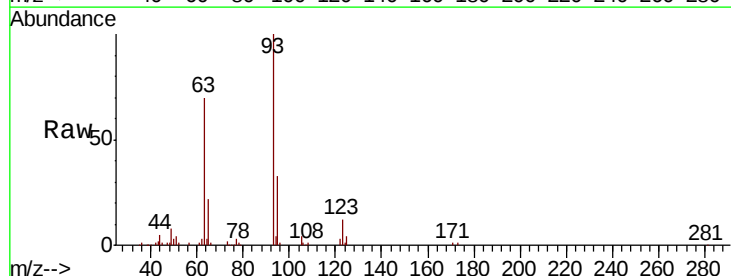
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 89347
 Ion Ratio Lower Upper
 122 100
 107 126.3 98.6 147.8
 121 60.9 50.1 75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.437 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BG043402.D
 Acq: 30 Oct 2019 16:02

Tgt Ion: 93 Resp: 110475
 Ion Ratio Lower Upper
 93 100
 95 33.0 24.9 37.3
 123 12.0 8.9 13.3

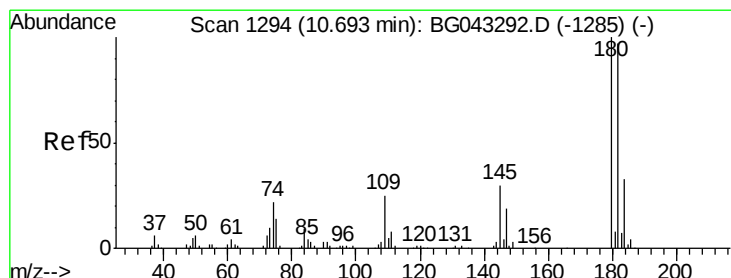
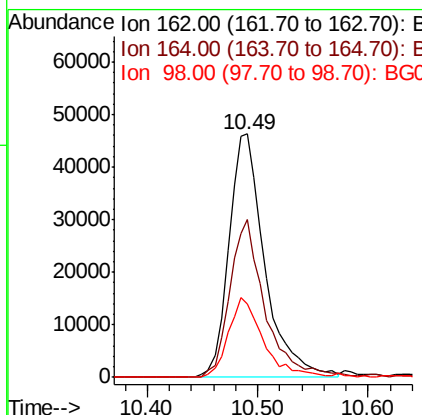
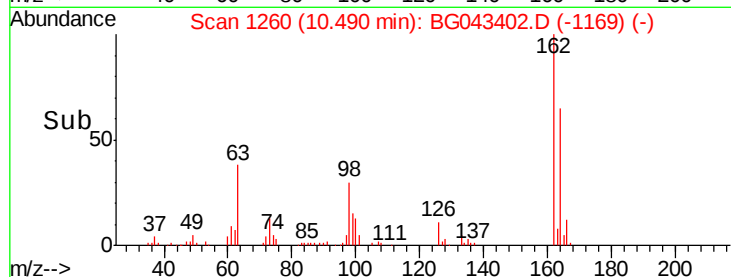
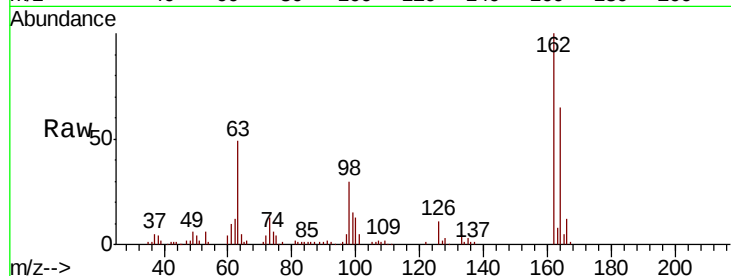




#29
2,4-Dichlorophenol
Concen: 45.952 ng
RT: 10.49 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

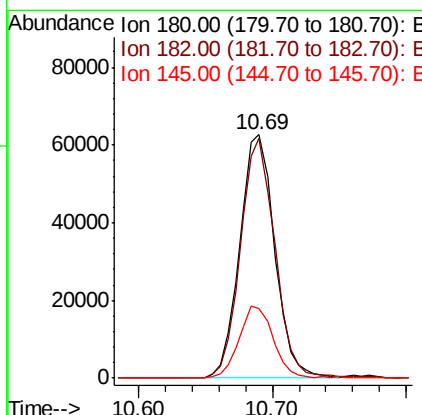
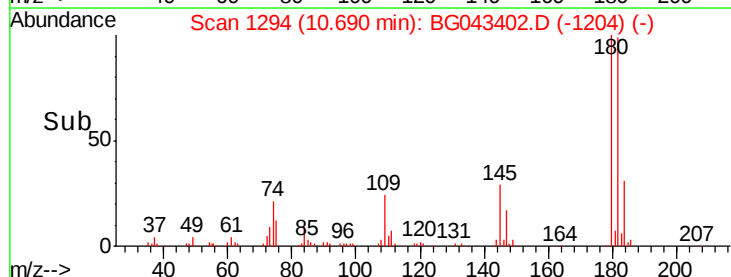
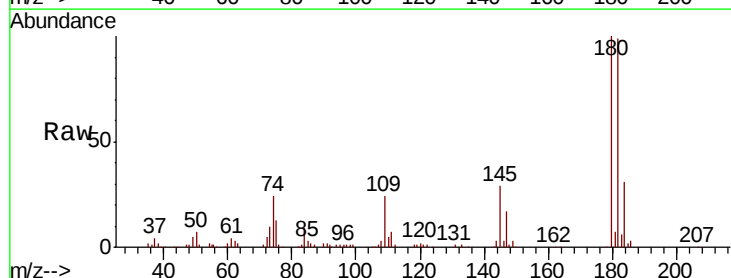
Instrument :
BNA_G
ClientSampleId :

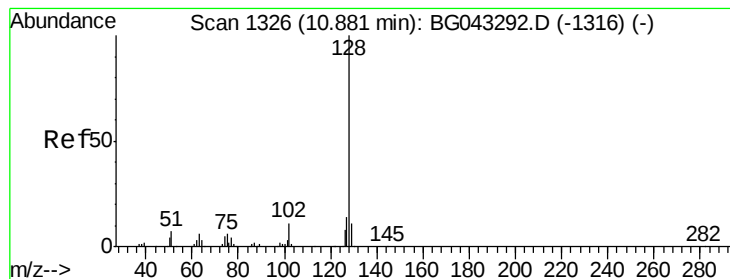
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	37.3	77.3
98	30.1	11.8	51.8



#30
1,2,4-Trichlorobenzene
Concen: 39.370 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.5	77.8	116.8
145	28.6	23.6	35.4





#31

Naphthalene

Concen: 42.298 ng

RT: 10.88 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Instrument :

BNA_G

ClientSampleId :

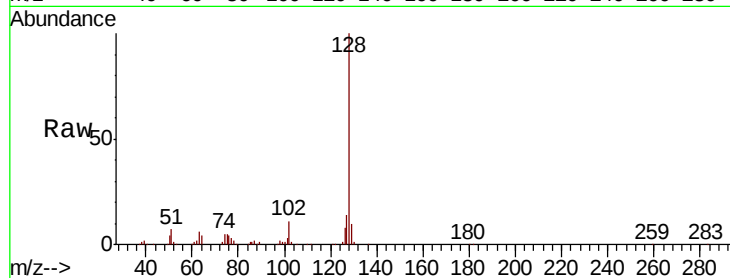
Tot Ion:128 Resp: 299689

Ion Ratio Lower Upper

128 100

129 10.3 8.6 12.8

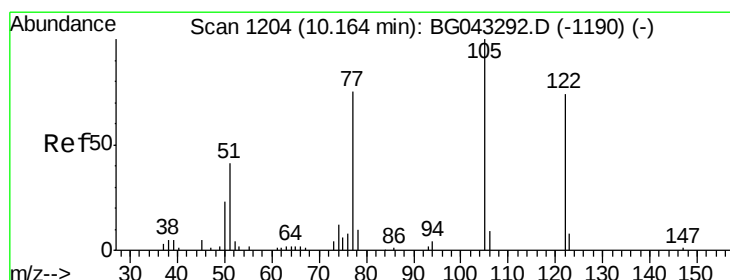
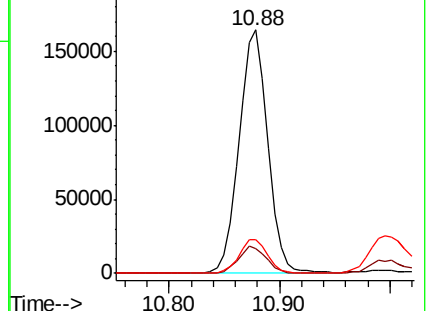
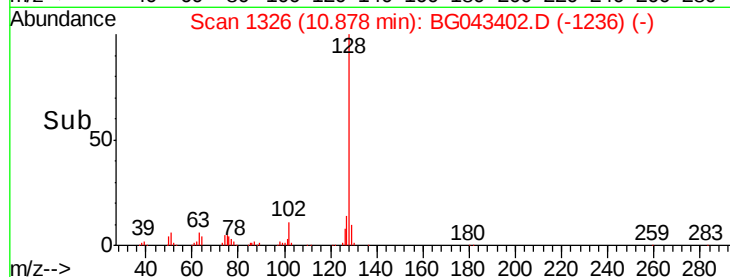
127 13.7 11.5 17.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.663 ng

RT: 10.17 min Scan# 1206

Delta R.T. 0.01 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

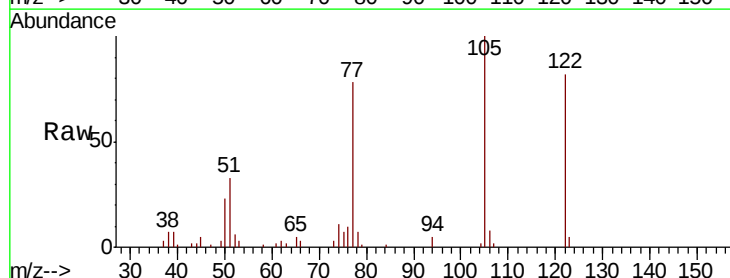
Tgt Ion:122 Resp: 48052

Ion Ratio Lower Upper

122 100

105 122.0 112.4 152.4

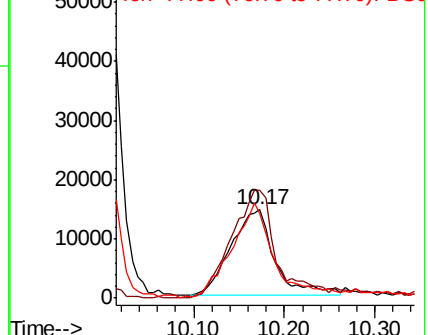
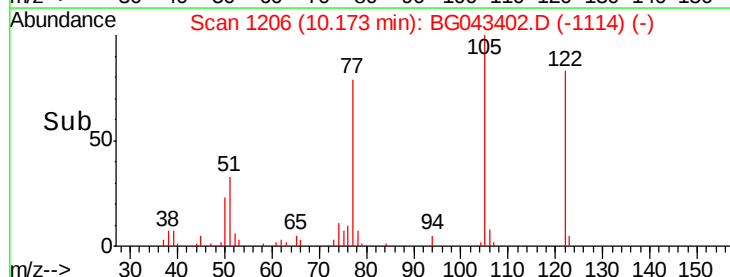
77 95.5 82.7 122.7

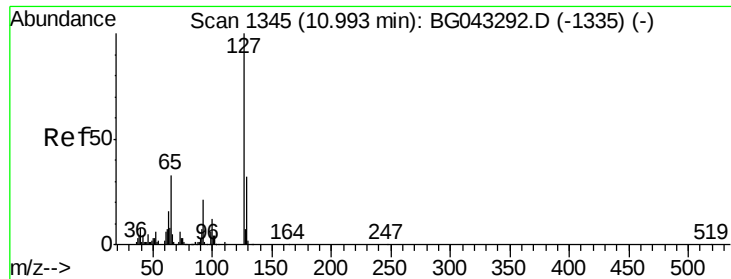


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

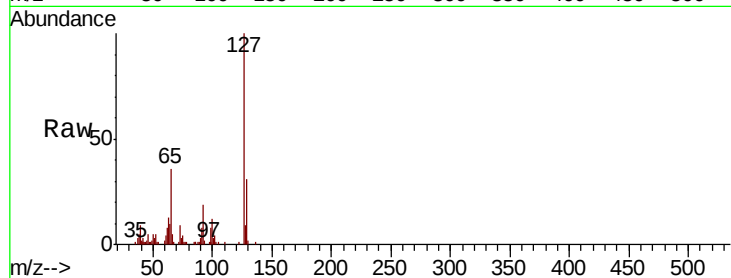




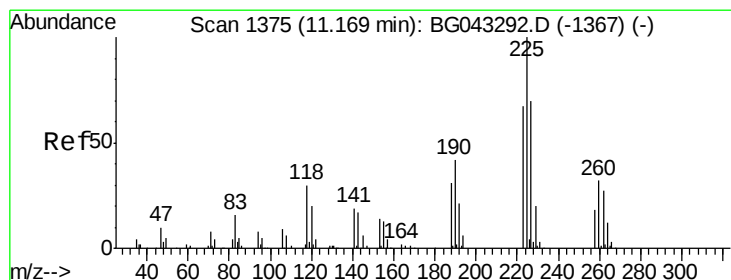
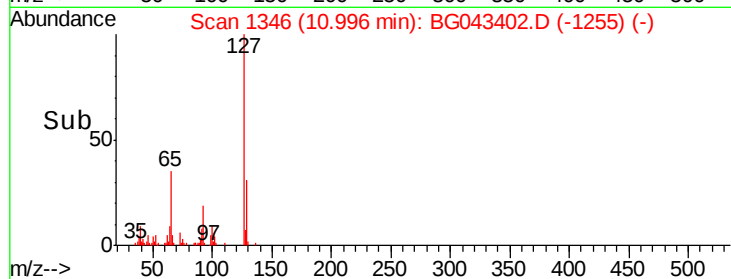
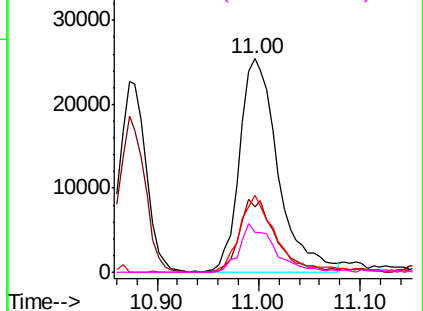
#33
4-Chloroaniline
Concen: 23.130 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	67177
Ion	Ratio	Lower Upper
127	100	
129	30.8	25.8 38.8
65	36.1	26.2 39.2
92	18.8	17.0 25.4

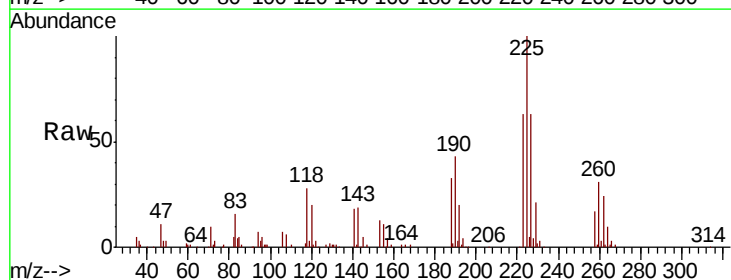


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

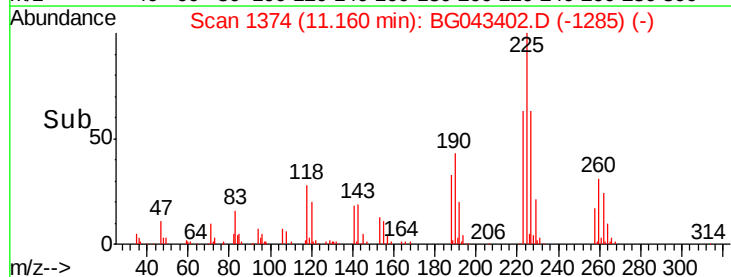
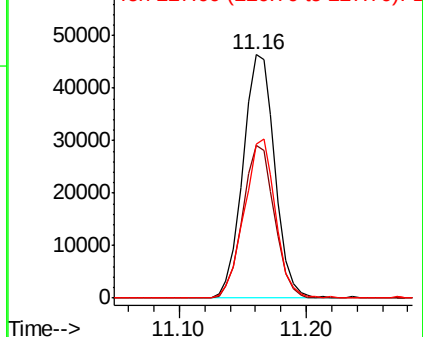


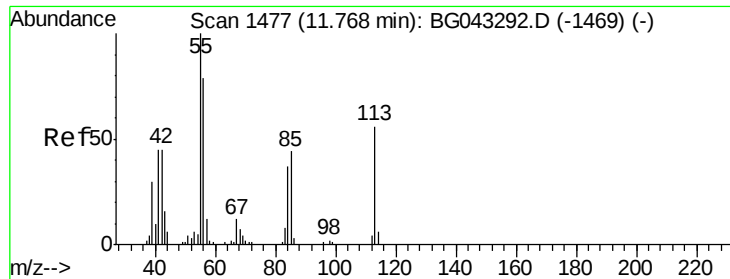
#34
Hexachlorobutadiene
Concen: 37.860 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Tgt Ion:225	Resp:	80661
Ion	Ratio	Lower Upper
225	100	
223	62.8	53.2 79.8
227	63.4	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

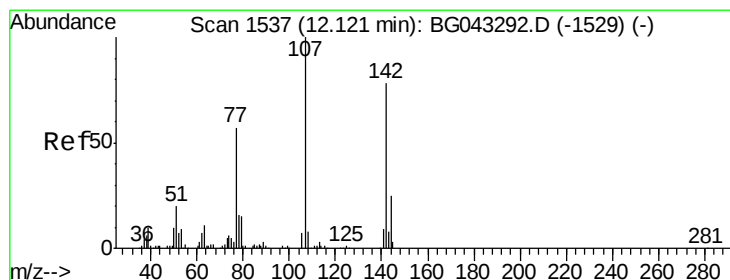
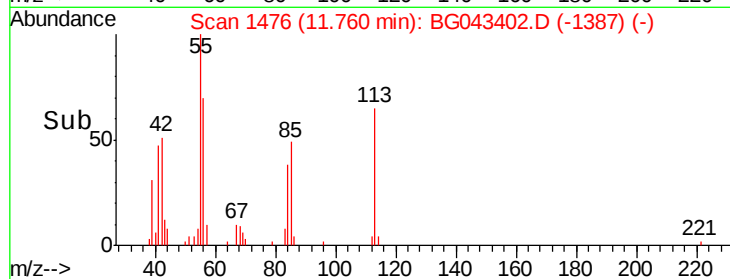
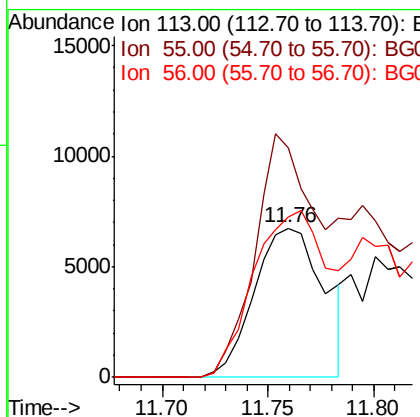
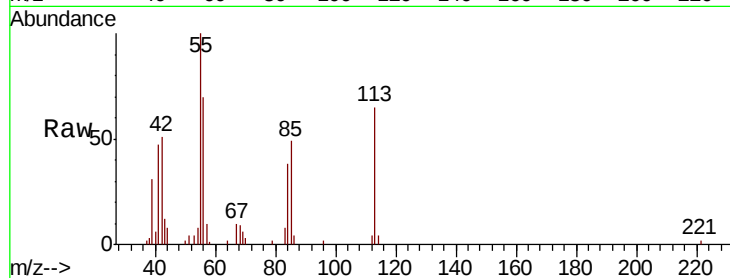




#35
 Caprolactam
 Concen: 19.712 ng
 RT: 11.76 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BG043402.D
 Acq: 30 Oct 2019 16:02

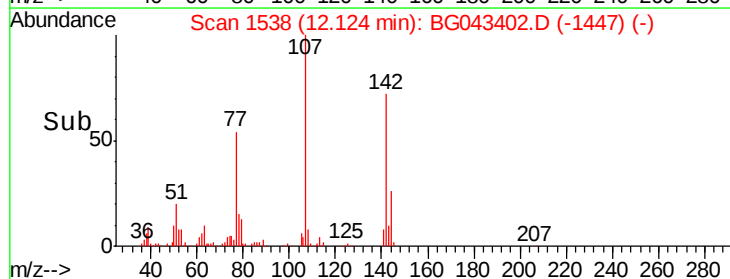
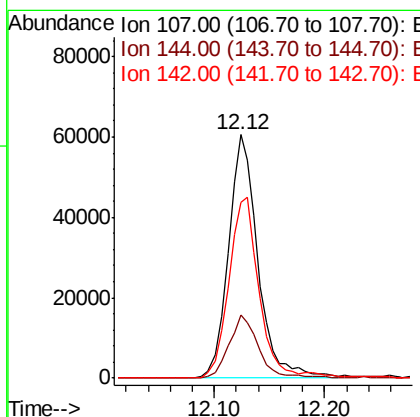
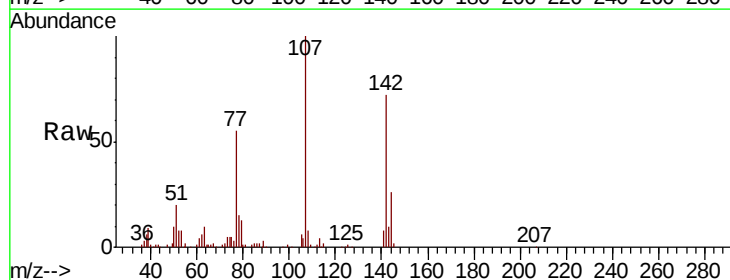
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:113 Resp: 15524
 Ion Ratio Lower Upper
 113 100
 55 154.3 158.9 198.9#
 56 107.6 121.4 161.4#



#36
 4-Chloro-3-methylphenol
 Concen: 45.175 ng
 RT: 12.12 min Scan# 1538
 Delta R.T. 0.00 min
 Lab File: BG043402.D
 Acq: 30 Oct 2019 16:02

Tgt Ion:107 Resp: 112679
 Ion Ratio Lower Upper
 107 100
 144 26.2 19.9 29.9
 142 72.4 62.1 93.1





#37

2-Methylnaphthalene

Concen: 41.639 ng

RT: 12.48 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Instrument :

BNA_G

ClientSampleId :

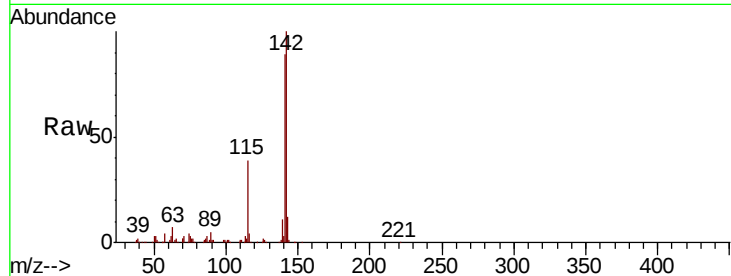
Tot Ion:142 Resp: 226364

Ion Ratio Lower Upper

142 100

141 89.0 69.7 104.5

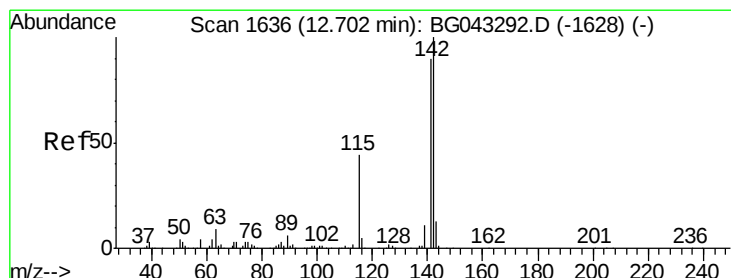
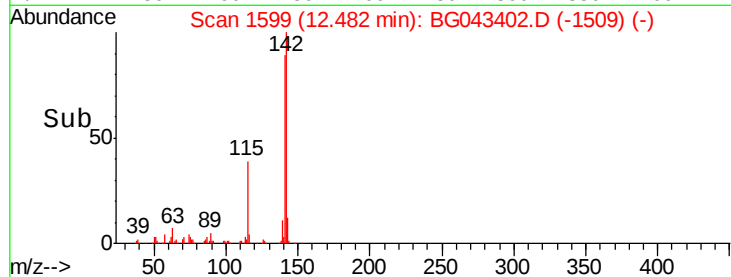
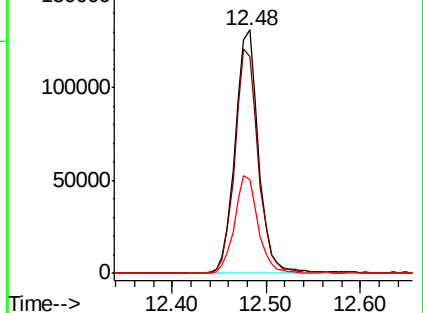
115 38.8 30.6 46.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.028 ng

RT: 12.70 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

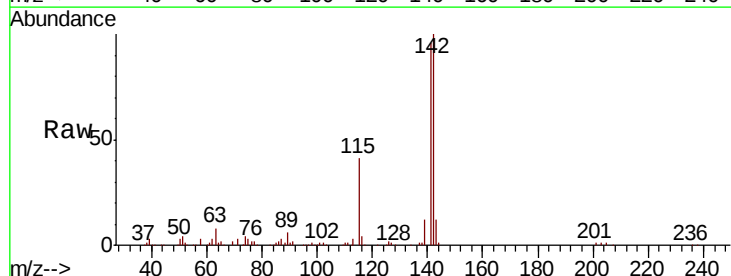
Tgt Ion:142 Resp: 212221

Ion Ratio Lower Upper

142 100

141 95.9 72.3 108.5

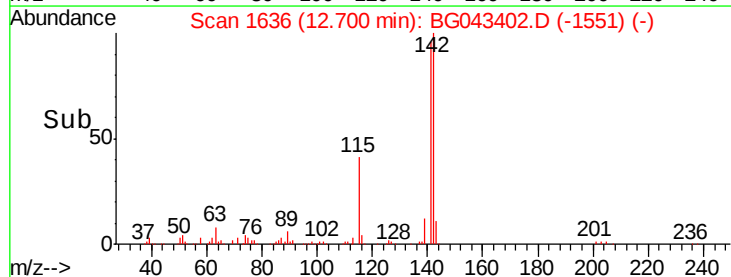
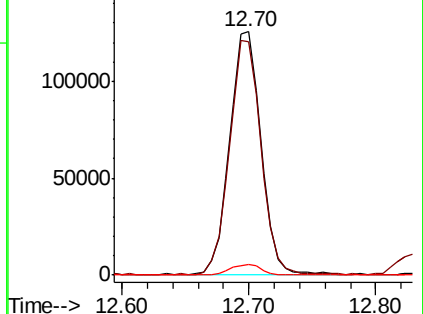
116 4.3 3.8 5.6

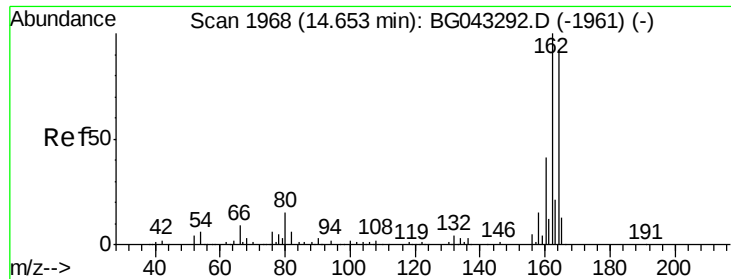


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Instrument :

BNA_G

ClientSampleId :

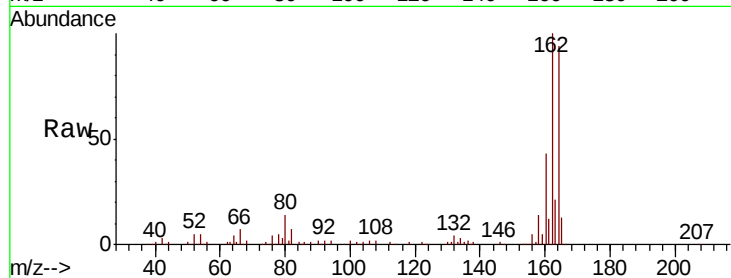
Tot Ion:164 Resp: 107803

Ion Ratio Lower Upper

164 100

162 106.0 87.0 130.4

160 45.9 35.5 53.3

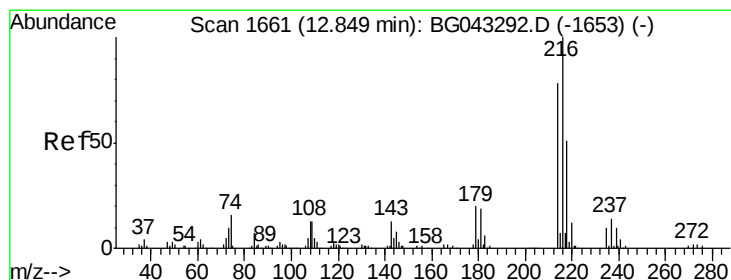
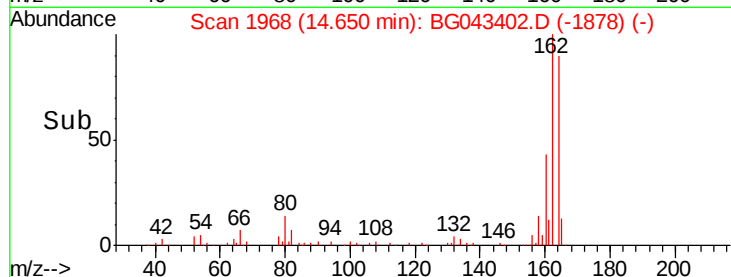
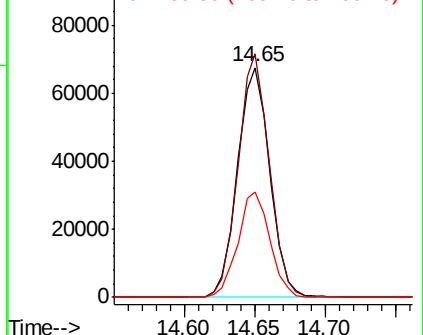


Abundance

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: 36.991 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Tgt Ion:216 Resp: 147579

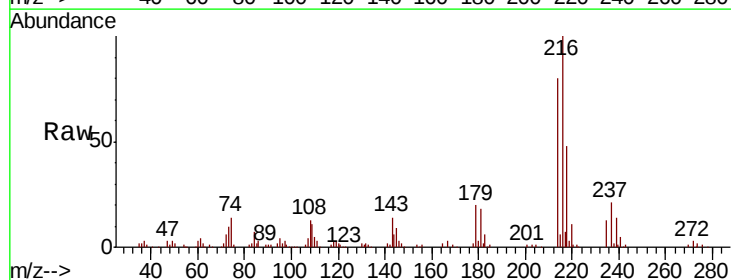
Ion Ratio Lower Upper

216 100

214 79.0 63.5 95.3

179 19.1 16.2 24.2

108 16.8 11.2 16.8#



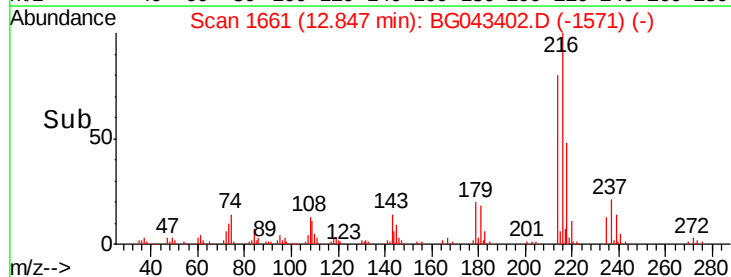
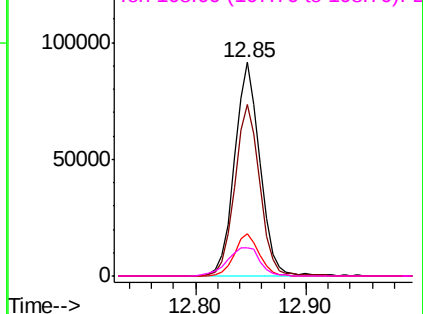
Abundance

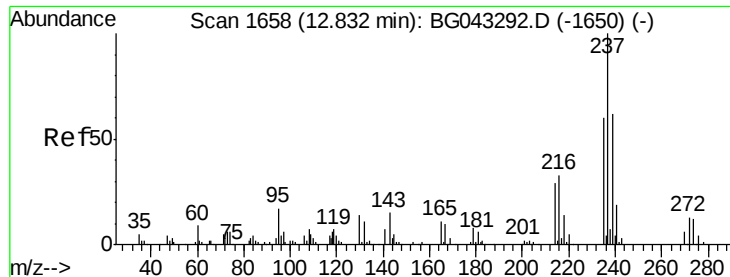
Ion 216.00 (215.70 to 216.70): E

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: 82.506 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Instrument :

BNA_G

ClientSampleId :

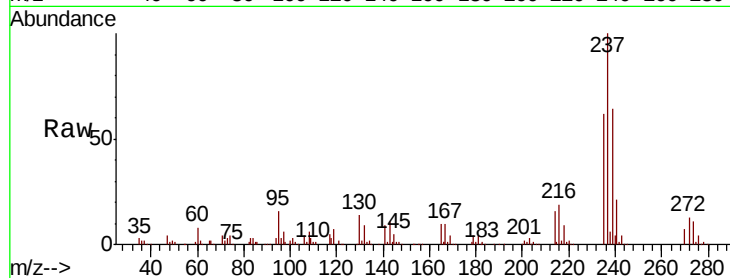
Tot Ion:237 Resp: 172914

Ion	Ratio	Lower	Upper
237	100		
235	61.9	40.3	80.3
272	13.4	0.0	32.9

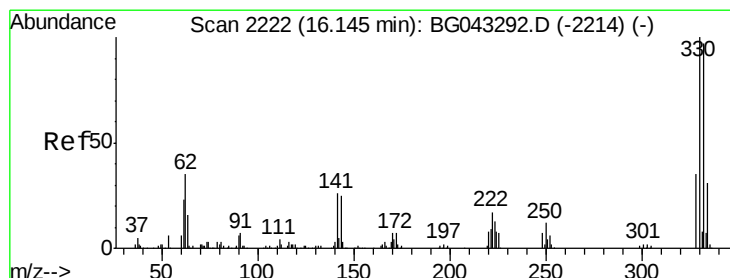
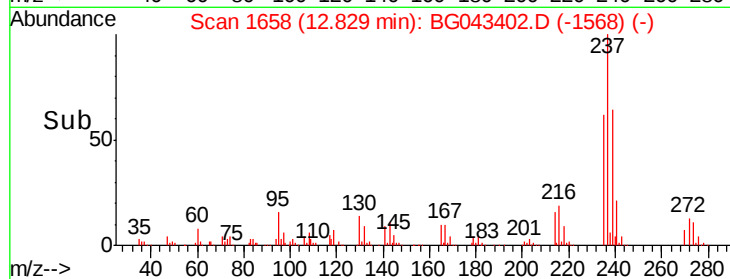
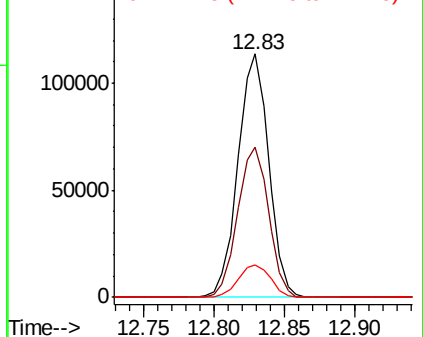
237 100

235 61.9 40.3 80.3

272 13.4 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: 108.690 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

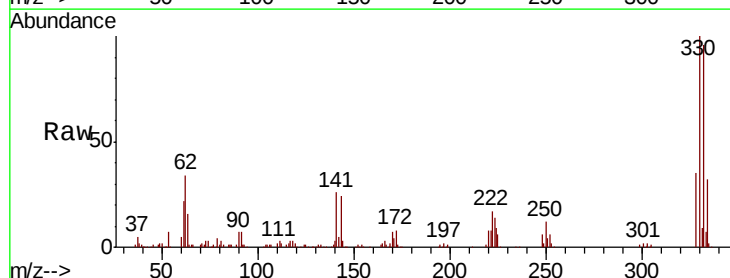
Tgt Ion:330 Resp: 222976

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.4	114.6
141	27.9	21.4	32.0

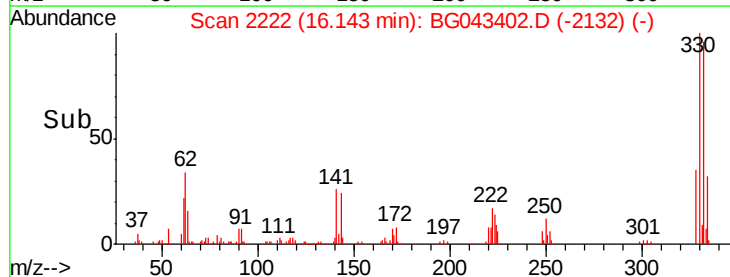
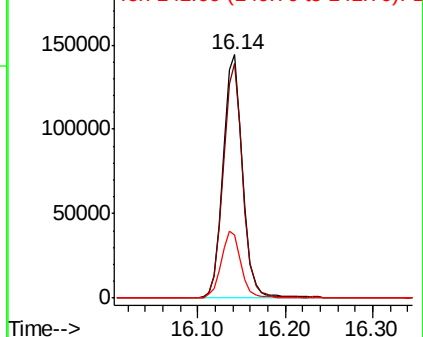
330 100

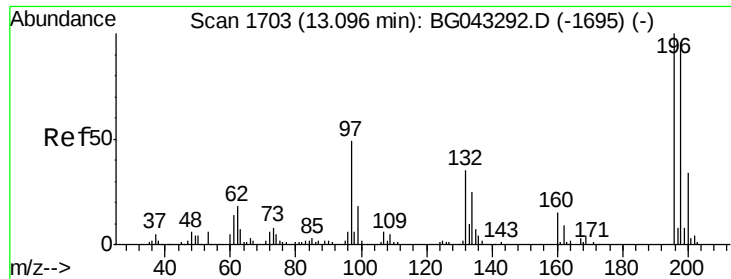
332 95.6 76.4 114.6

141 27.9 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

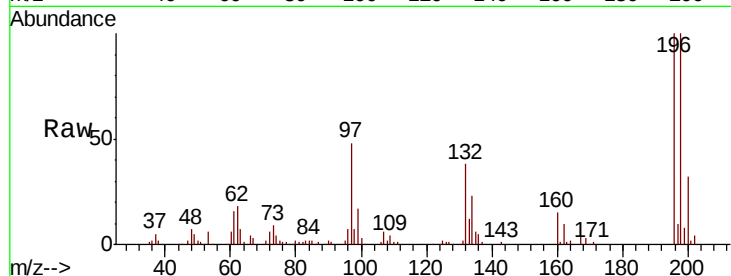




#43
 2,4,6-Trichlorophenol
 Concen: 40.830 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043402.D
 Acq: 30 Oct 2019 16:02

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	95931
Ion Ratio	Lower	Upper	
196	100		
198	99.9	77.0	115.4
200	32.3	27.4	41.2

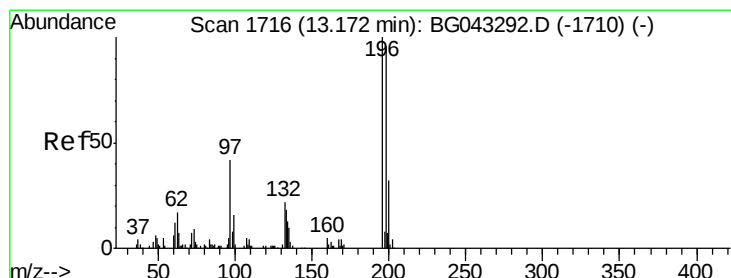
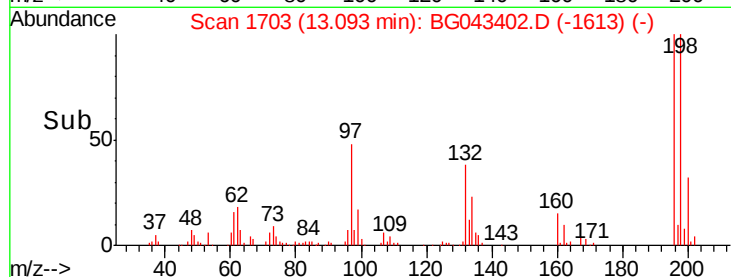
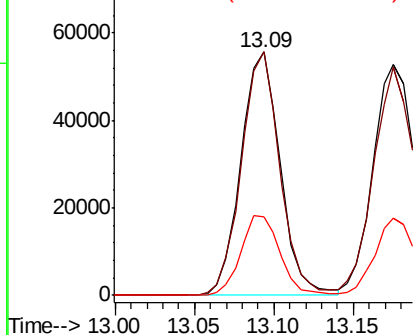


Abundance

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: 43.505 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG043402.D
 Acq: 30 Oct 2019 16:02

Tgt Ion	196	Resp	103338
Ion Ratio	Lower	Upper	
196	100		
198	99.0	76.6	114.8
97	45.3	34.1	51.1
132	24.2	18.2	27.4

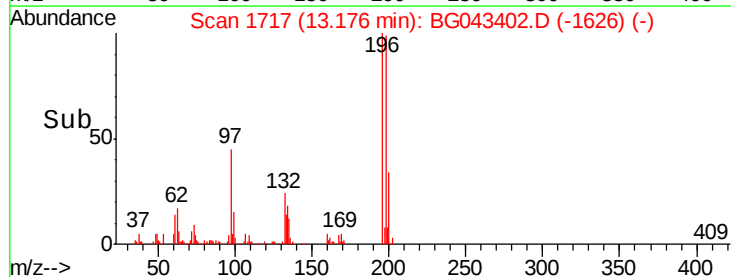
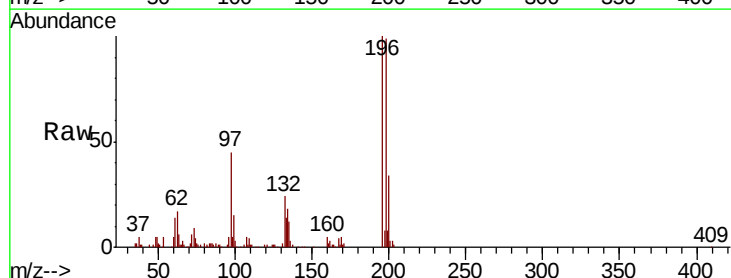
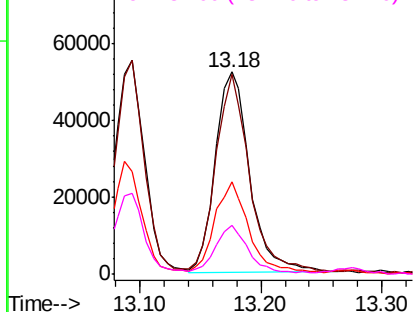
Abundance

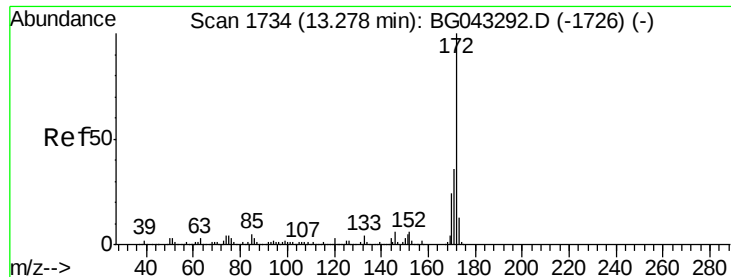
Ion 196.00 (195.70 to 196.70): E

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

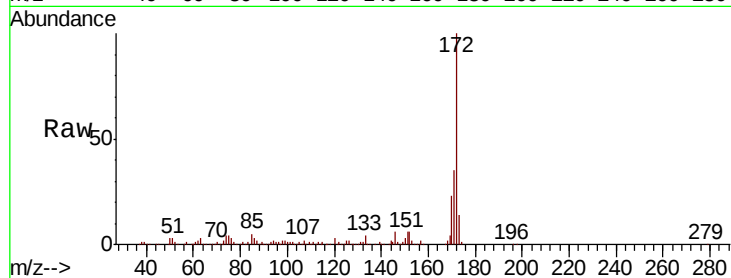




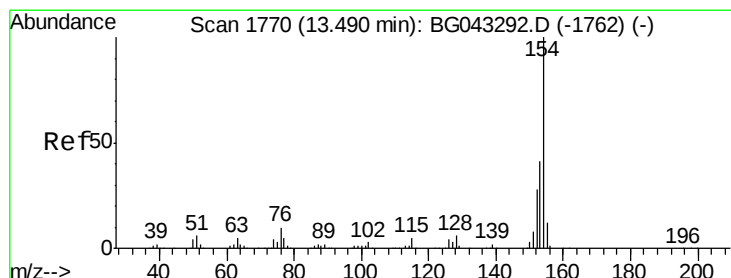
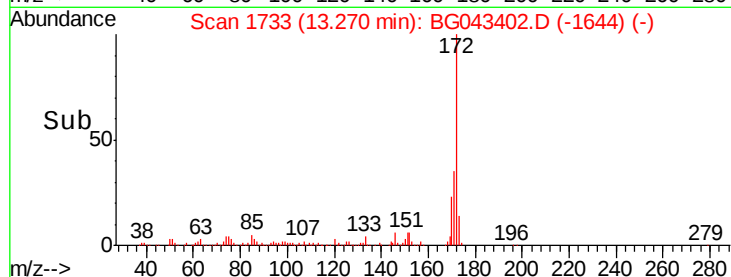
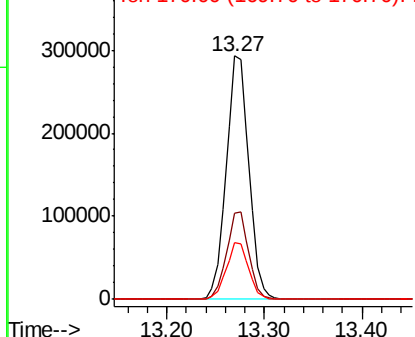
#45
2-Fluorobiphenyl
Concen: 60.166 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 469394
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.5 18.8 28.2

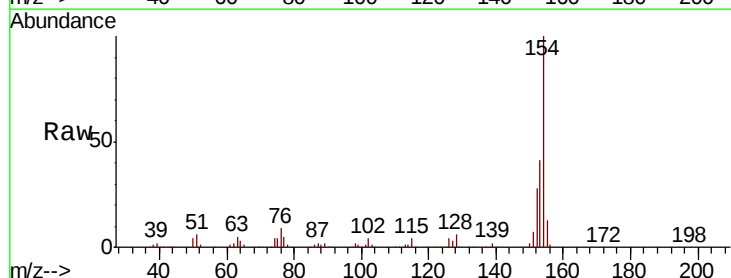


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

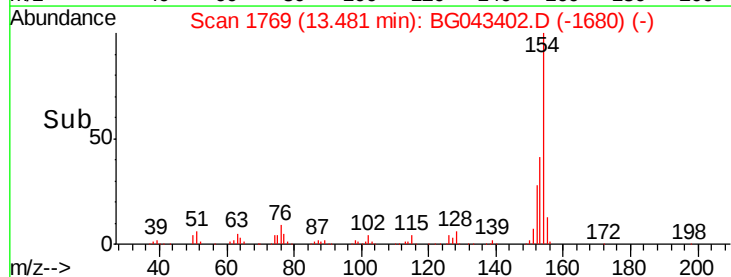
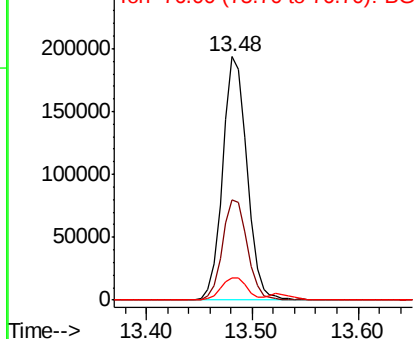


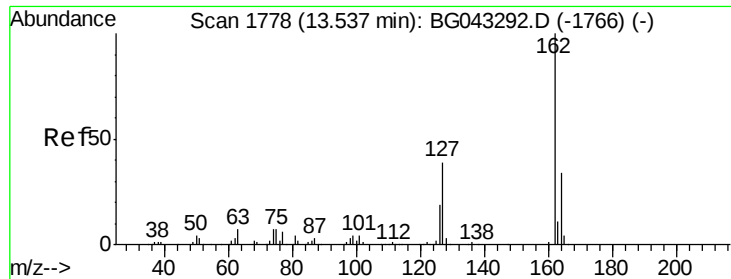
#46
1,1'-Biphenyl
Concen: 37.830 ng
RT: 13.48 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Tgt Ion:154 Resp: 310248
Ion Ratio Lower Upper
154 100
153 41.1 21.0 61.0
76 9.2 0.0 29.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC

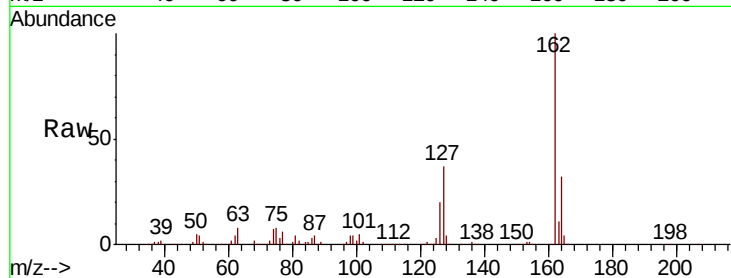




#47
2-Chloronaphthalene
Concen: 38.456 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.9	31.3	46.9
164	31.9	26.8	40.2

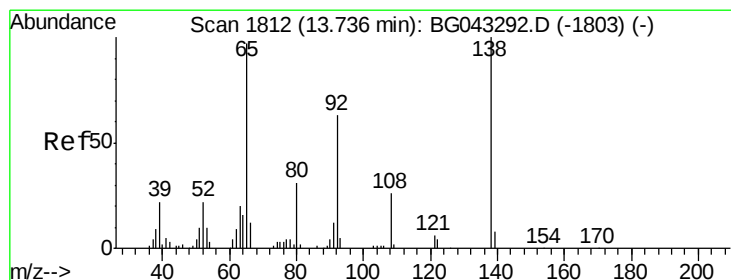
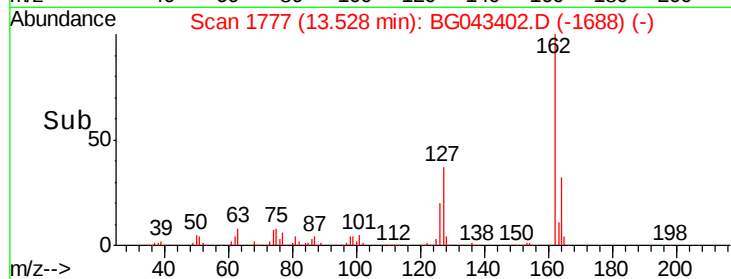
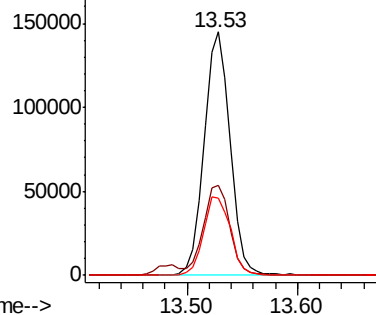


Abundance

Ion 162.00 (161.70 to 162.70): E

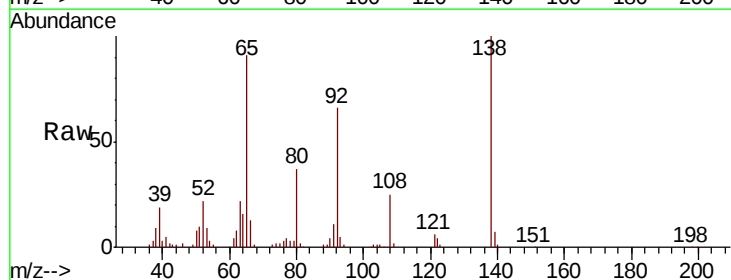
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 37.551 ng
RT: 13.73 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.4	52.6	79.0
138	110.2	82.9	124.3

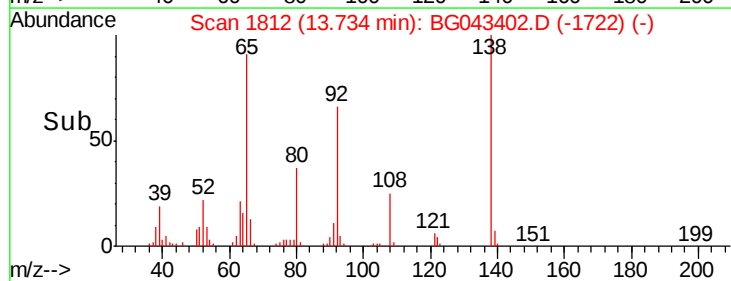
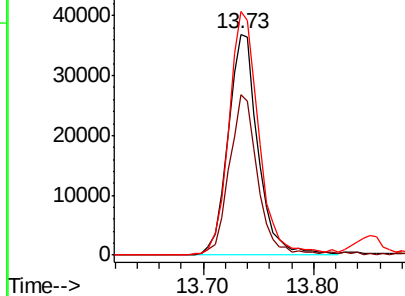


Abundance

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: 40.635 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Instrument :

BNA_G

ClientSampleId :

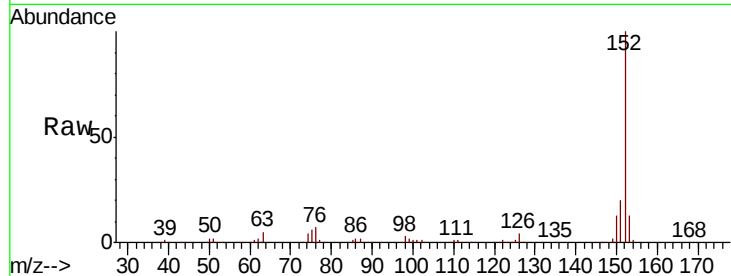
Tot Ion:152 Resp: 394631

Ion Ratio Lower Upper

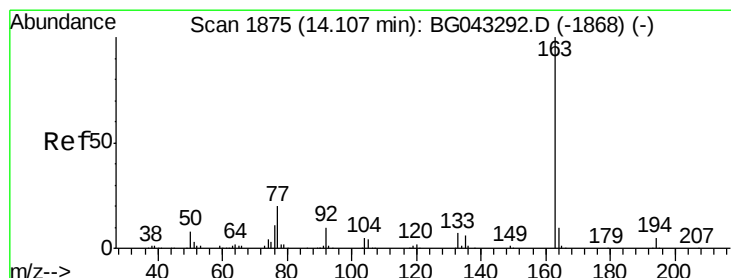
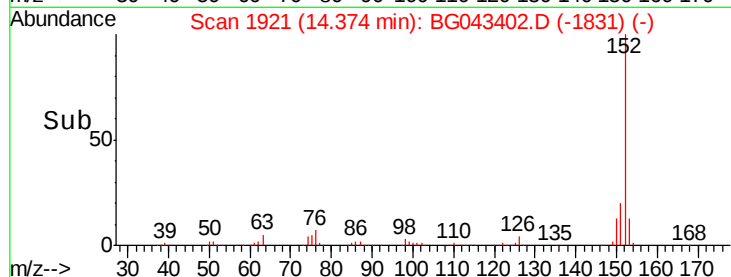
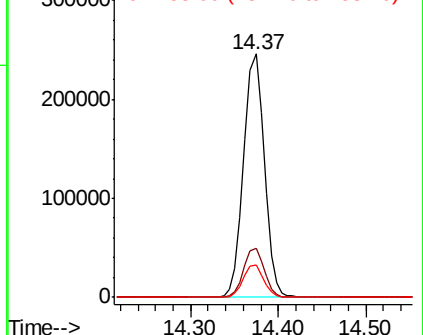
152 100

151 20.4 17.2 25.8

153 13.5 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: 39.104 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

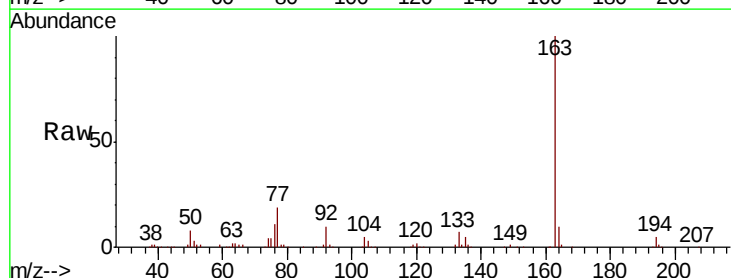
Tgt Ion:163 Resp: 326518

Ion Ratio Lower Upper

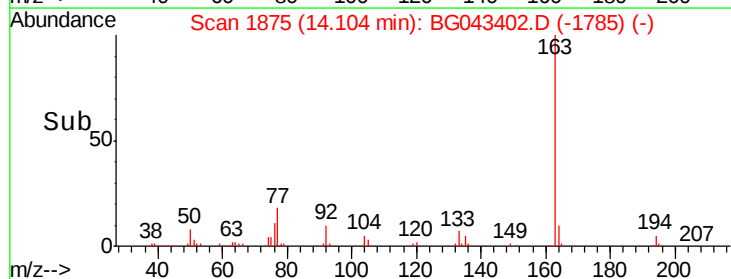
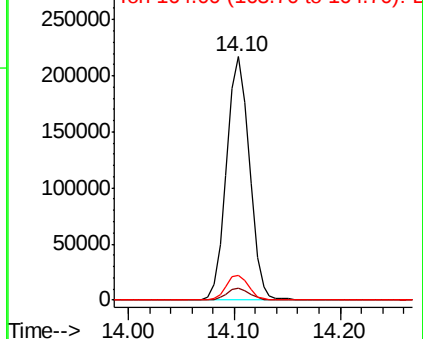
163 100

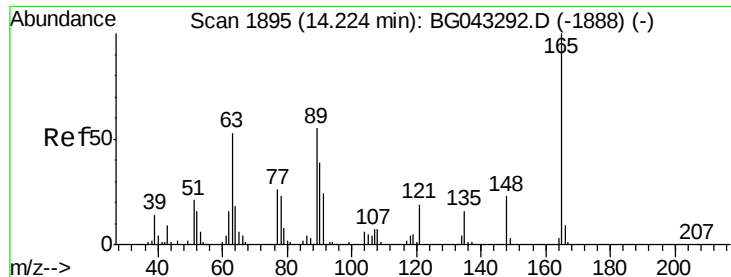
194 5.1 3.7 5.5

164 10.3 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

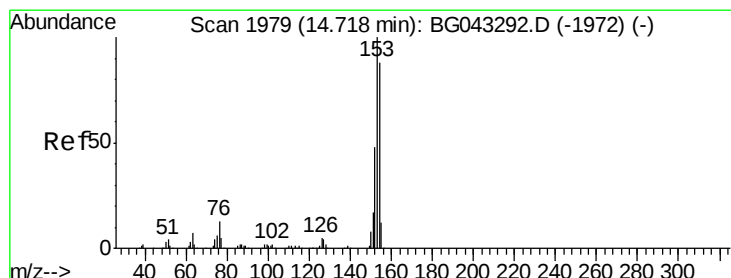
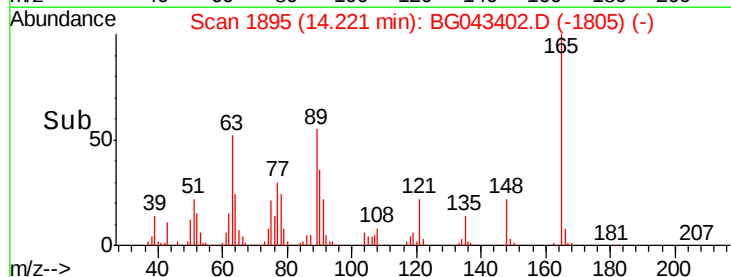
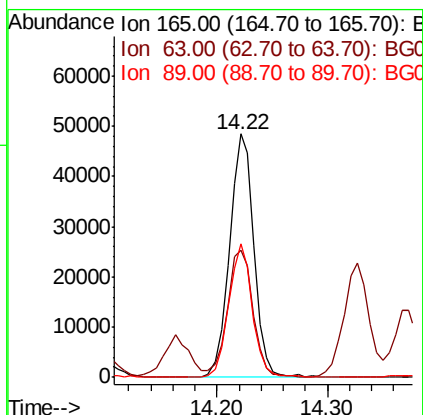
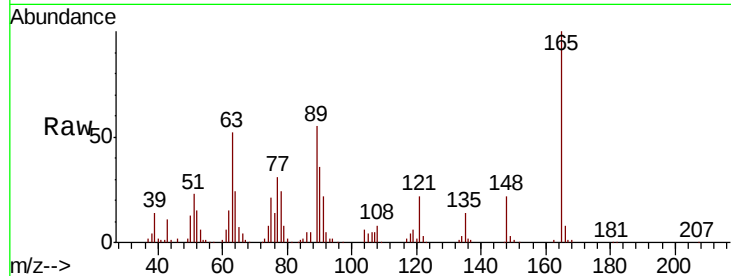




#51
 2,6-Dinitrotoluene
 Concen: 41.223 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. -0.00 min
 Lab File: BG043402.D
 Acq: 30 Oct 2019 16:02

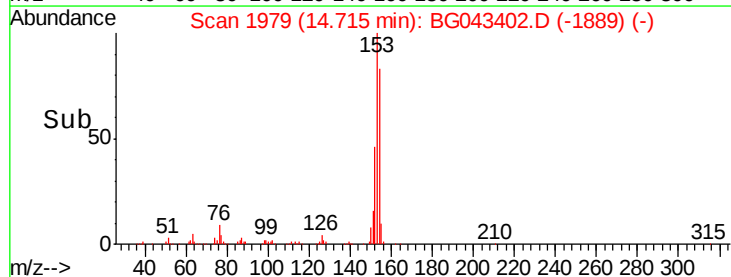
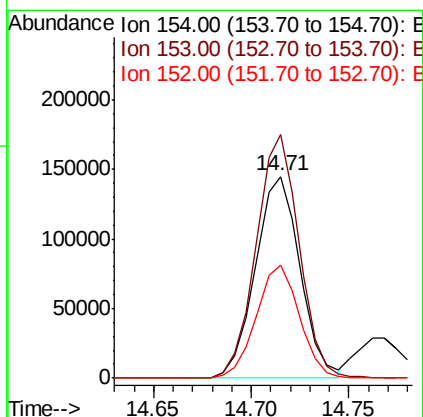
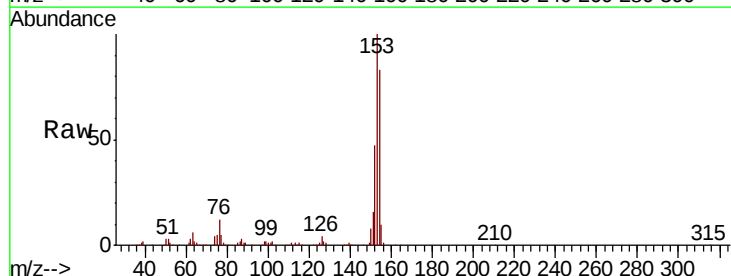
Instrument :
 BNA_G
 ClientSampleId :

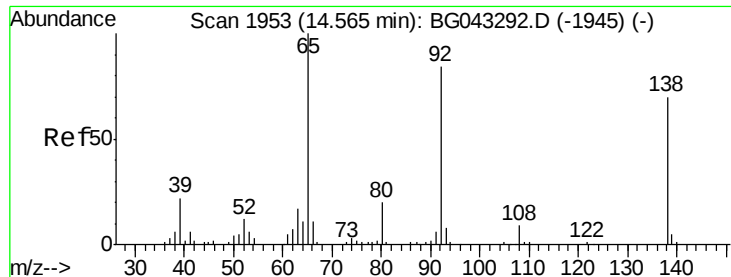
Tot Ion:165 Resp: 74780
 Ion Ratio Lower Upper
 165 100
 63 52.1 47.1 70.7
 89 55.1 43.7 65.5



#52
 Acenaphthene
 Concen: 38.612 ng
 RT: 14.71 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG043402.D
 Acq: 30 Oct 2019 16:02

Tgt Ion:154 Resp: 228680
 Ion Ratio Lower Upper
 154 100
 153 120.9 90.9 136.3
 152 56.2 43.9 65.9





#53

3-Nitroaniline

Concen: 28.811 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Instrument :

BNA_G

ClientSampleId :

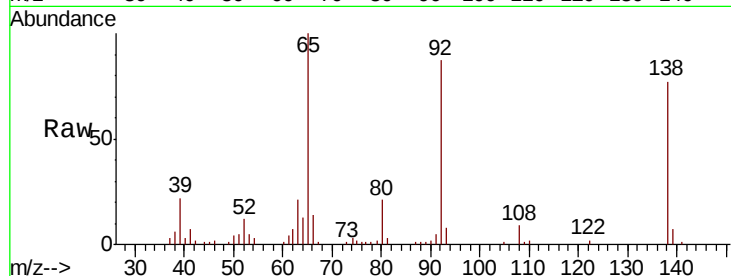
Tot Ion:138 Resp: 50460

Ion Ratio Lower Upper

138 100

108 11.7 9.8 14.6

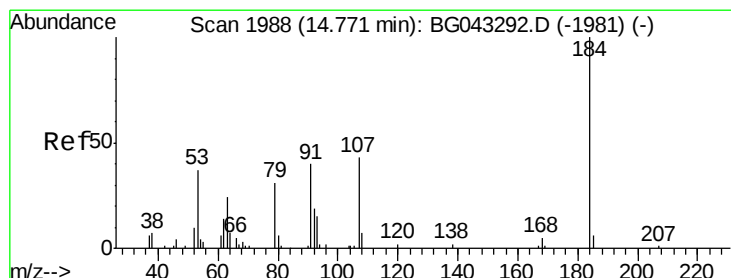
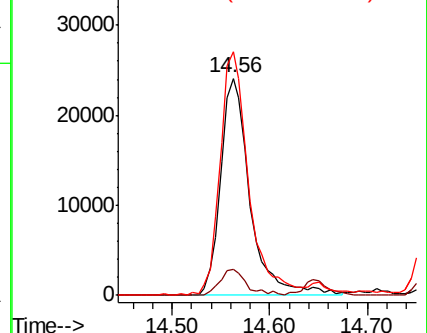
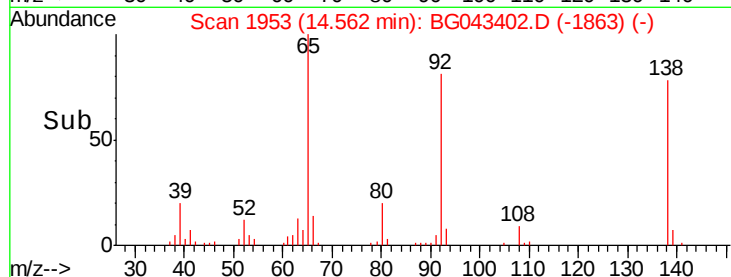
92 112.2 95.8 143.6



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: 74.411 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

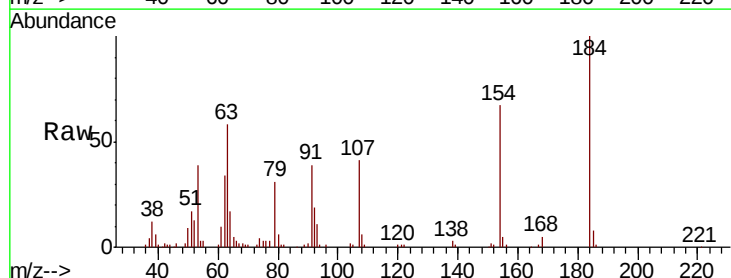
Tgt Ion:184 Resp: 83657

Ion Ratio Lower Upper

184 100

63 58.1 48.8 73.2

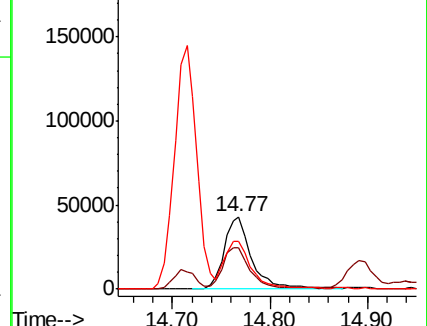
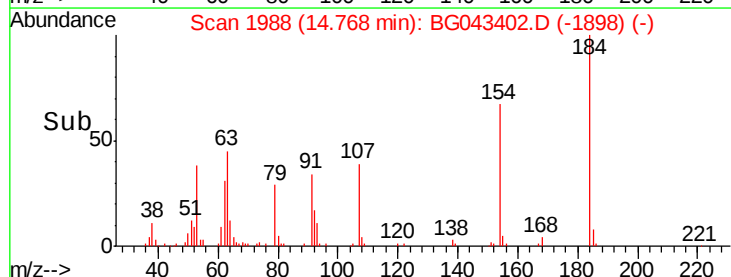
154 66.6 49.4 74.0

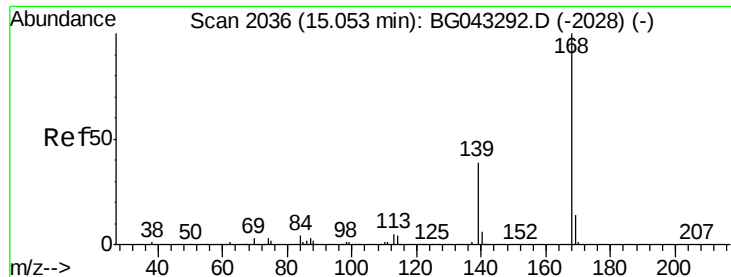


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

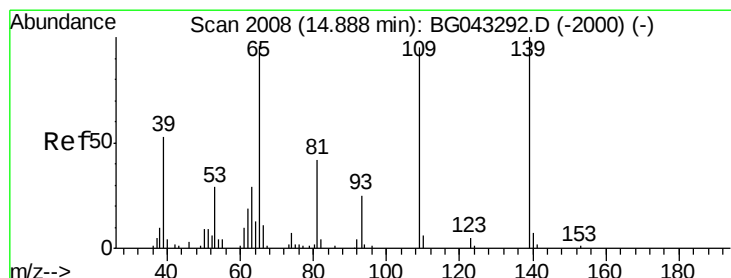
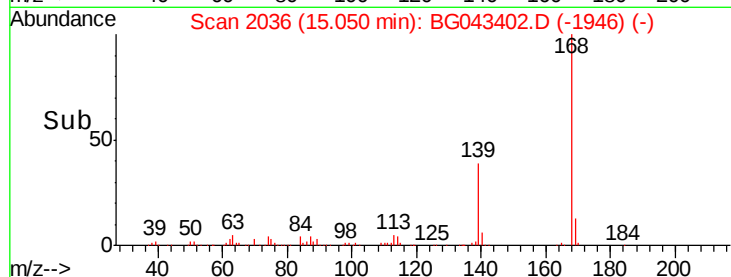
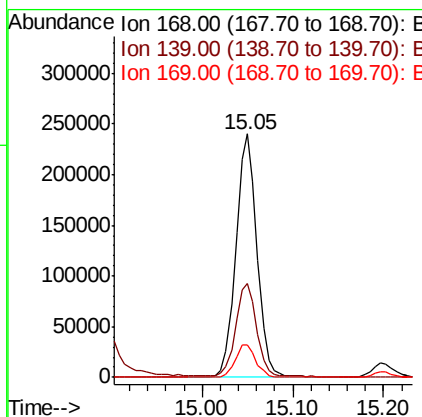
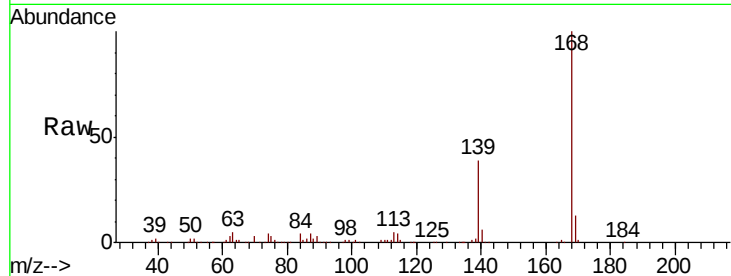




#55
Dibenzenofuran
Concen: 40.399 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

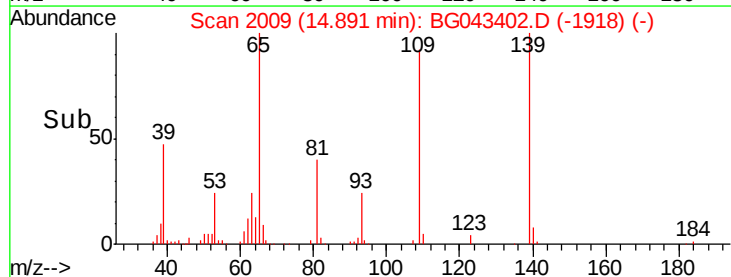
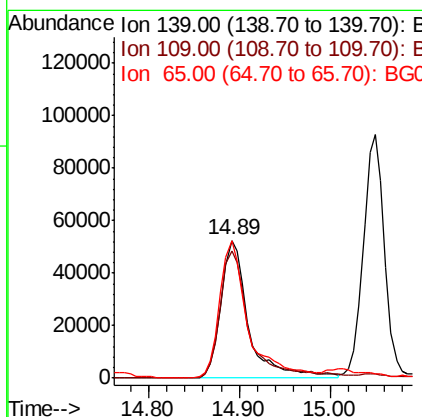
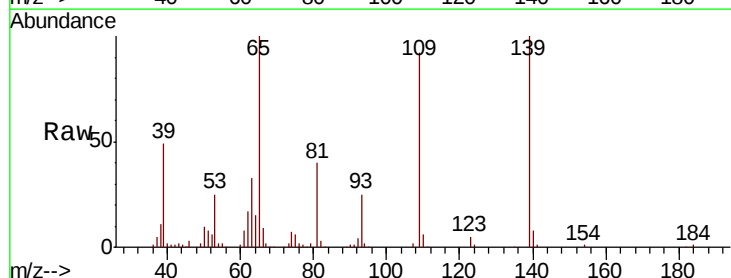
Instrument :
BNA_G
ClientSampleId :

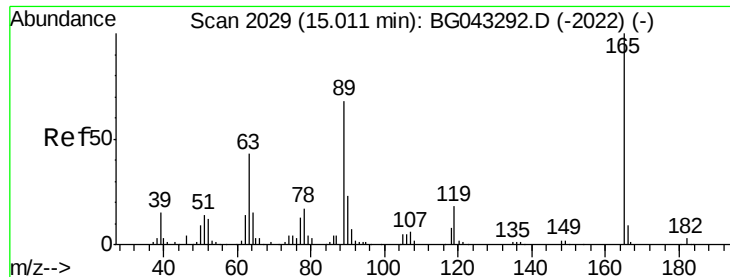
Tot Ion:168 Resp: 388001
Ion Ratio Lower Upper
168 100
139 38.6 31.7 47.5
169 13.5 11.0 16.4



#56
4-Nitrophenol
Concen: 95.346 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Tgt Ion:139 Resp: 111906
Ion Ratio Lower Upper
139 100
109 92.4 75.4 115.4
65 99.7 76.6 116.6

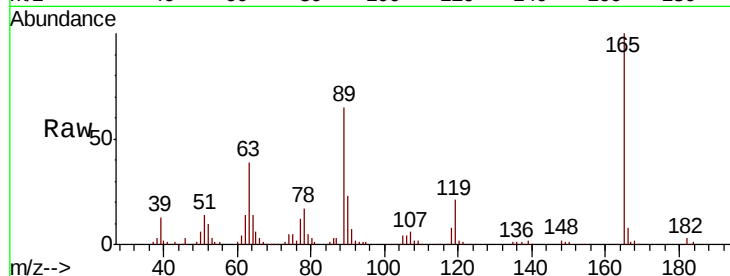




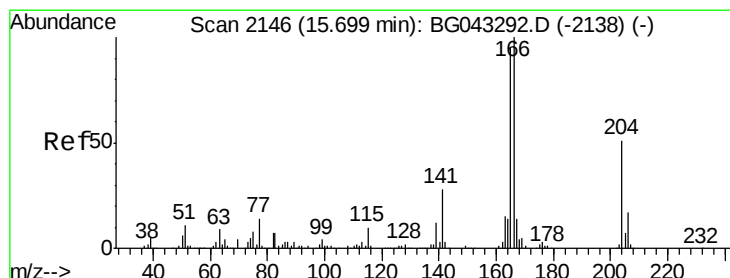
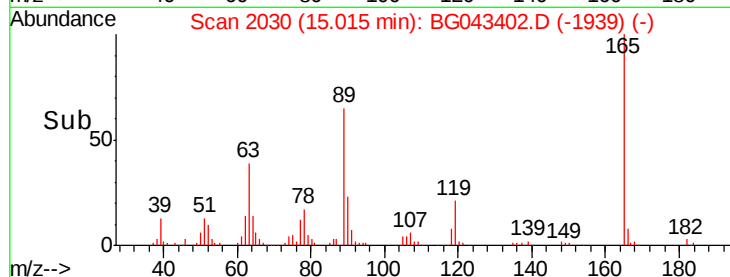
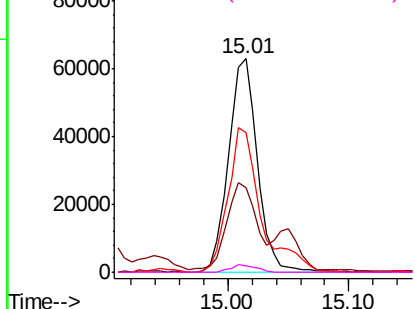
#57
2,4-Dinitrotoluene
Concen: 40.550 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165	Resp:	105126
Ion Ratio	Lower	Upper
165	100	
63	39.4	35.0 52.6
89	65.0	54.1 81.1
182	3.0	2.2 3.2

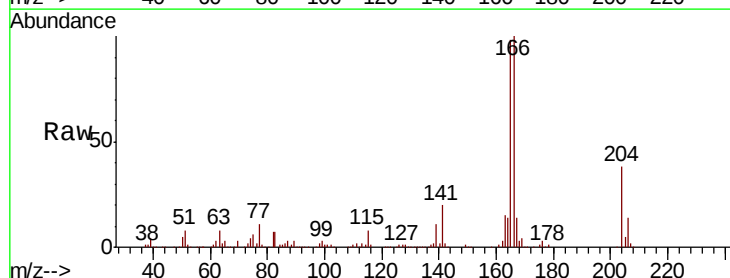


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

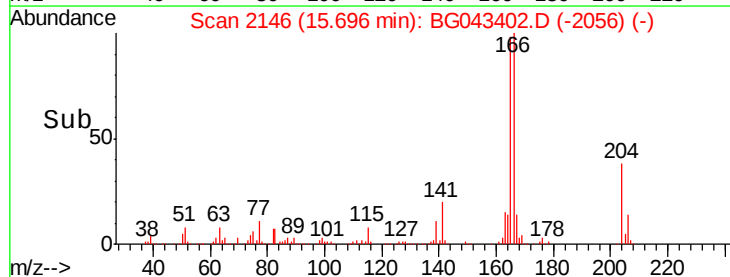
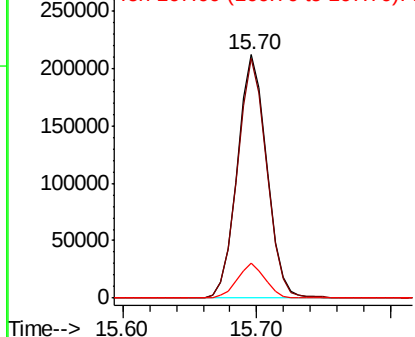


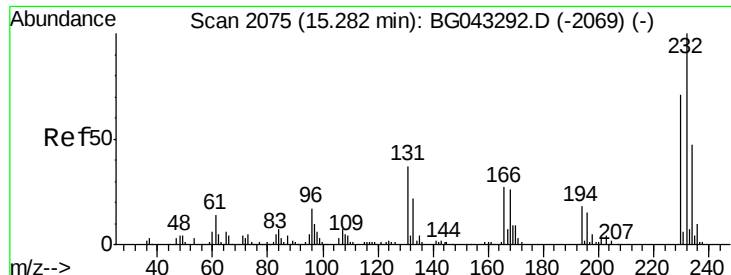
#58
Fluorene
Concen: 40.181 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Tgt Ion:166	Resp:	323665
Ion Ratio	Lower	Upper
166	100	
165	98.4	76.4 114.6
167	14.3	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

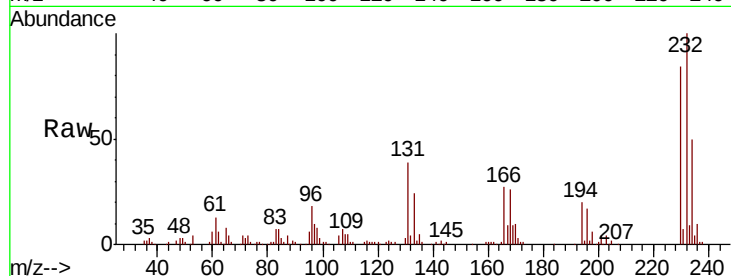




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.820 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG043402.D
 Acq: 30 Oct 2019 16:02

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.0	28.7	43.1
130	2.5	0.6	0.8
166	26.3	21.1	31.7



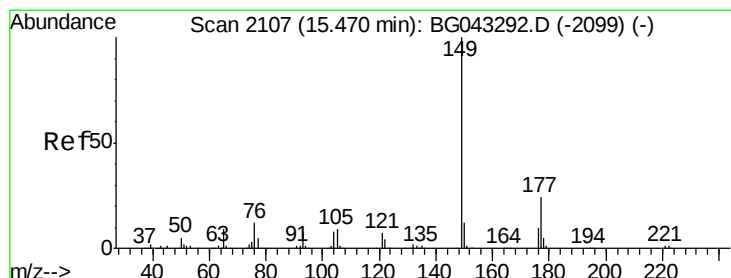
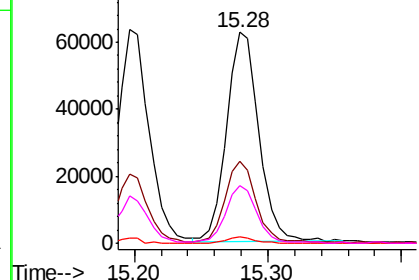
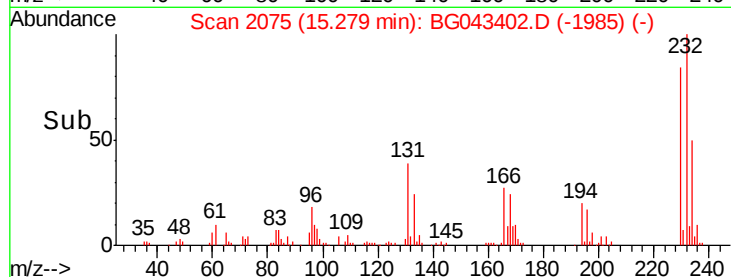
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

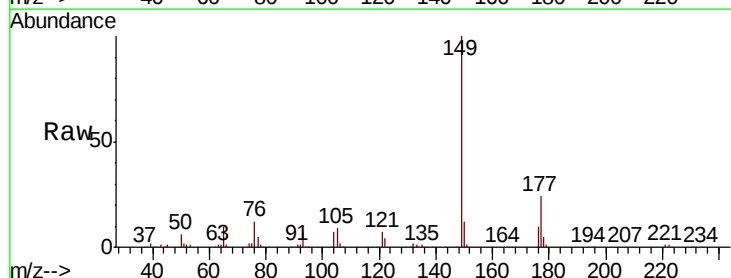
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 38.953 ng
 RT: 15.46 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BG043402.D
 Acq: 30 Oct 2019 16:02

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.0	28.4
150	12.5	9.4	14.0

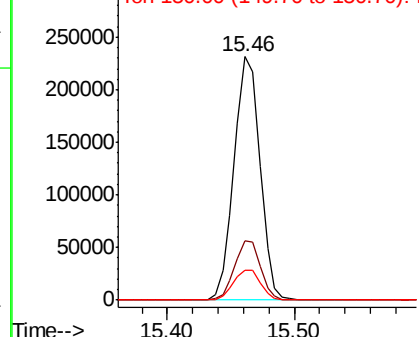
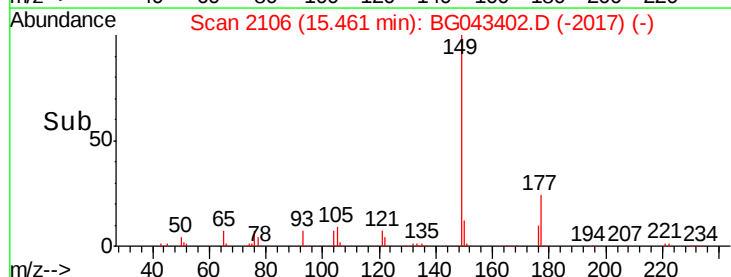


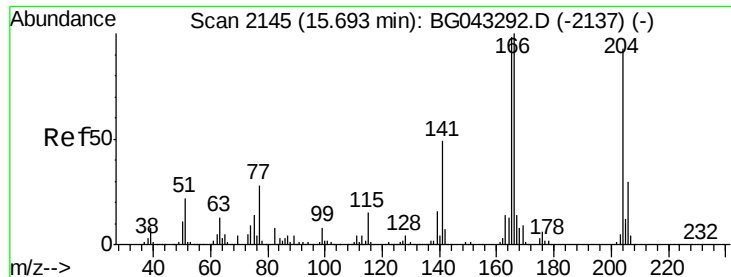
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

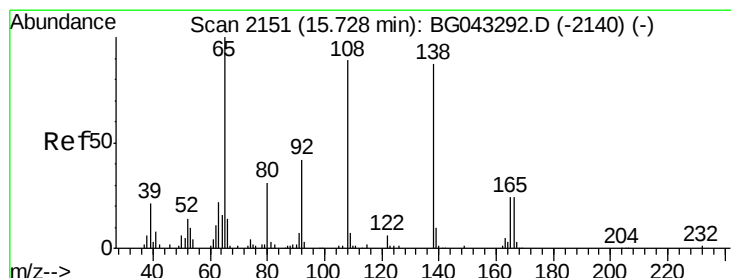
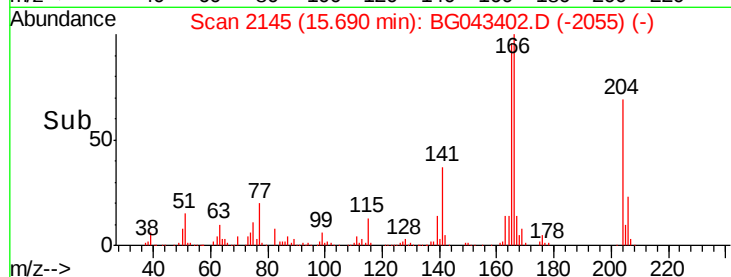
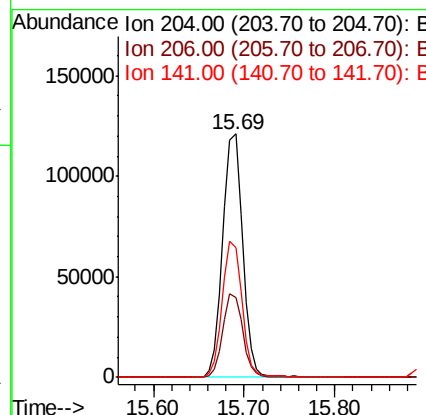
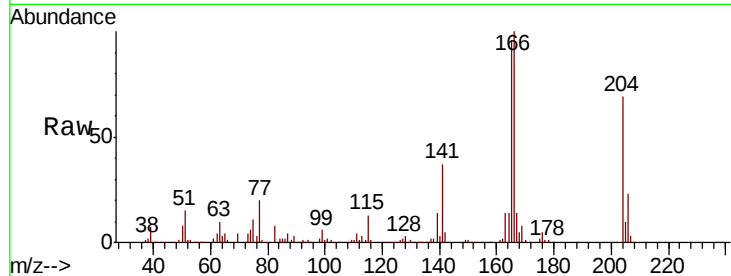




#61
 4-Chlorophenyl-phenylether
 Concen: 39.479 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.00 min
 Lab File: BG043402.D
 Acq: 30 Oct 2019 16:02

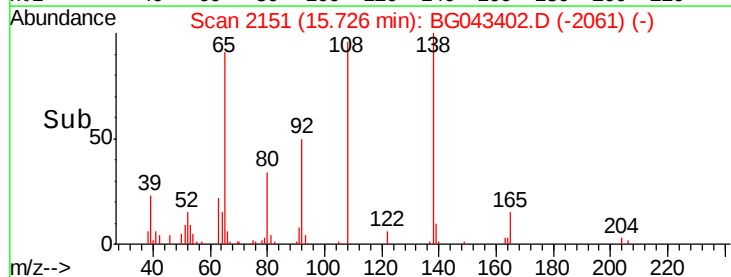
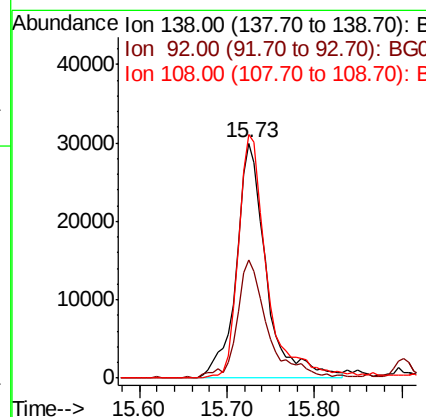
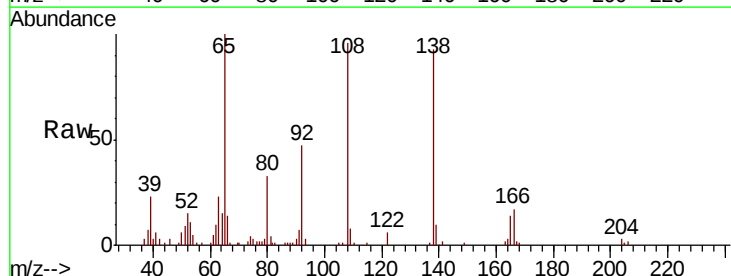
Instrument :
 BNA_G
 ClientSampleId :

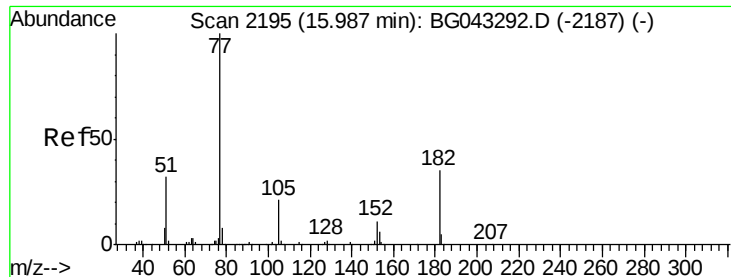
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.7	38.5
141	53.3	42.3	63.5



#62
 4-Nitroaniline
 Concen: 38.557 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG043402.D
 Acq: 30 Oct 2019 16:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.5	28.8	68.8
108	103.5	82.7	122.7

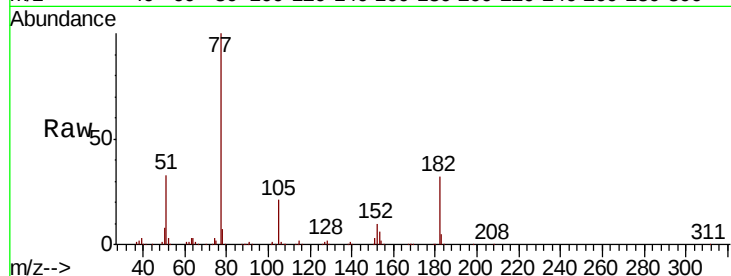




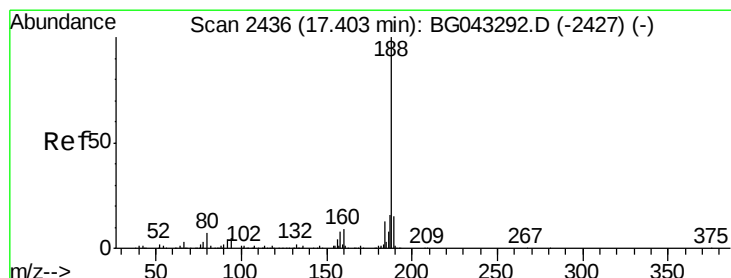
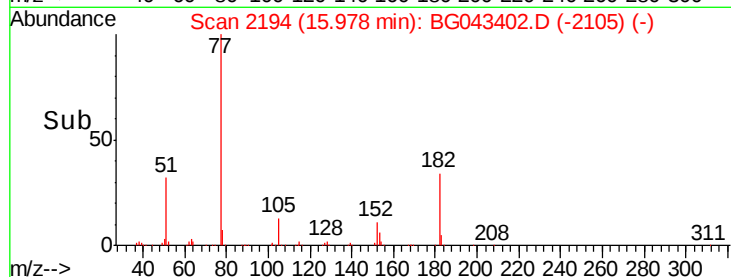
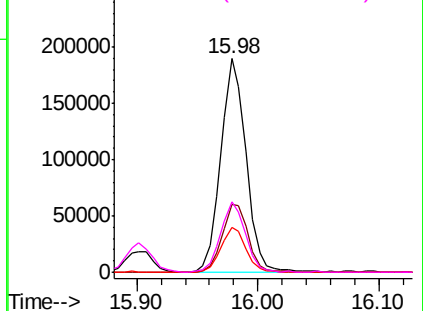
#63
Azobenzene
Concen: 40.094 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Instrument :
BNA_G
ClientSampled :

Tot Ion:	77	Resp:	272249
Ion	Ratio	Lower	Upper
77	100		
182	32.0	14.9	54.9
105	20.9	0.6	40.6
51	32.8	12.5	52.5

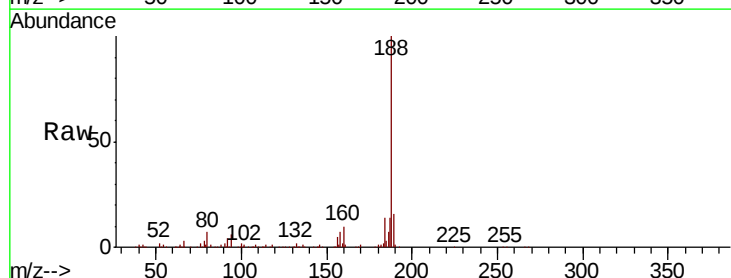


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

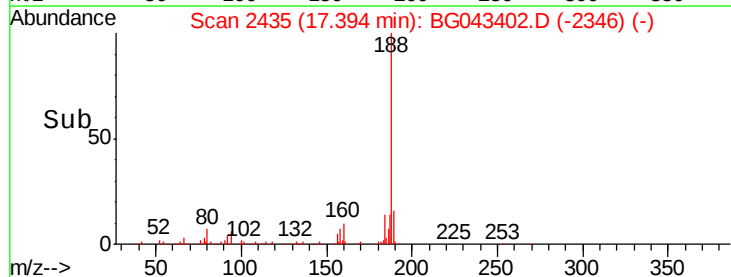
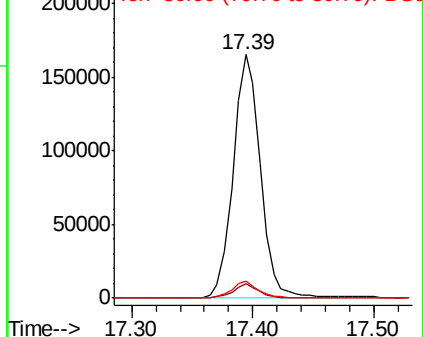


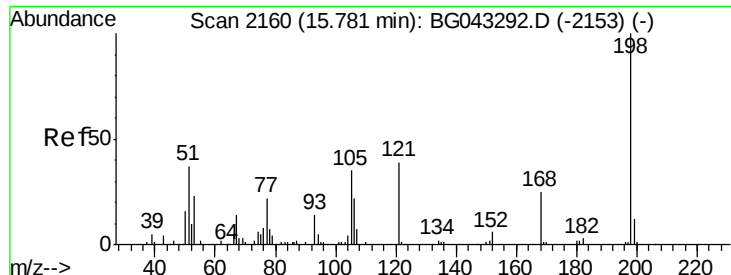
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Tgt Ion:	188	Resp:	258773
Ion	Ratio	Lower	Upper
188	100		
94	5.8	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





#65

4,6-Dinitro-2-methylphenol

Concen: 41.620 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Instrument :

BNA_G

ClientSampleId :

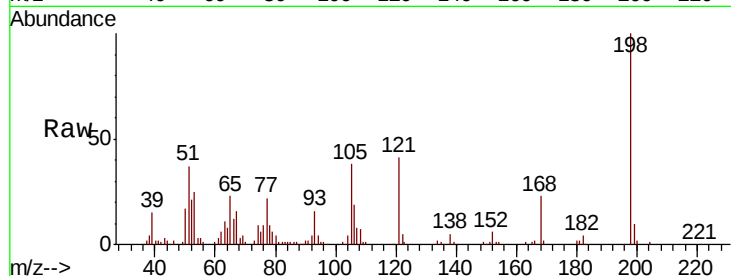
Tot Ion:198 Resp: 63382

Ion Ratio Lower Upper

198 100

51 37.3 21.4 61.4

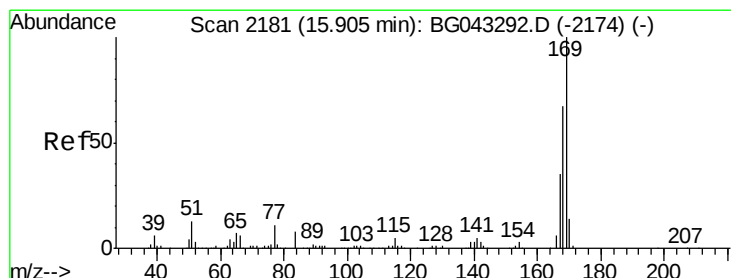
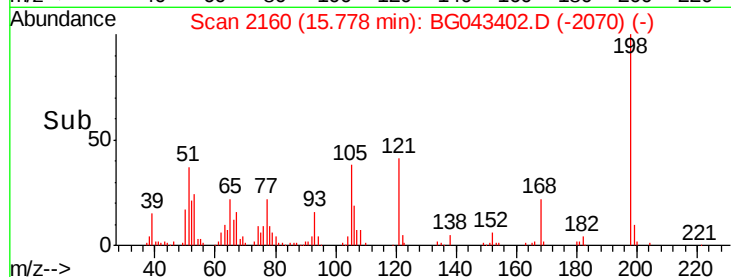
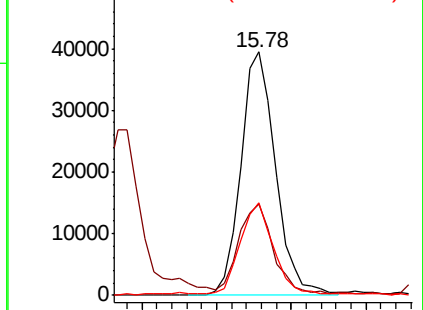
105 37.8 16.5 56.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG043292.D (-2153) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.342 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

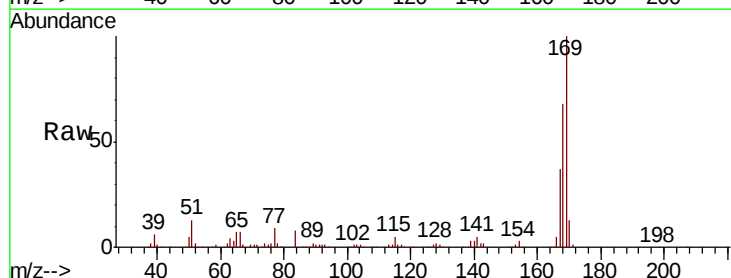
Tgt Ion:169 Resp: 294735

Ion Ratio Lower Upper

169 100

168 67.8 53.9 80.9

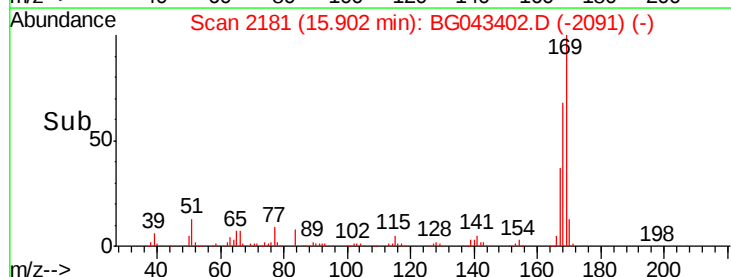
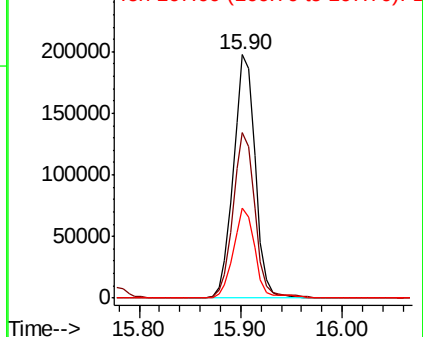
167 36.7 28.3 42.5

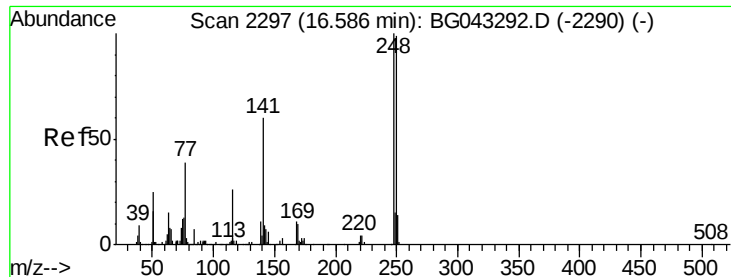


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

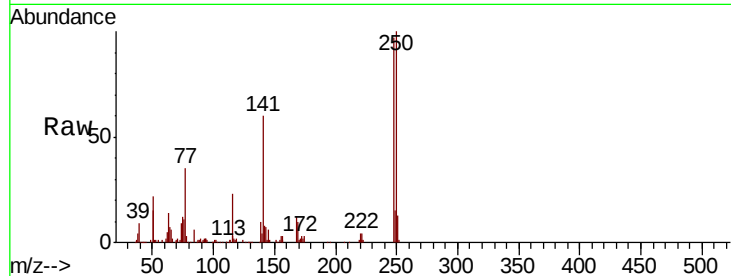




#67
4-Bromophenyl-phenylether
Concen: 37.355 ng
RT: 16.58 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	103.4	79.3	118.9
141	62.3	47.9	71.9

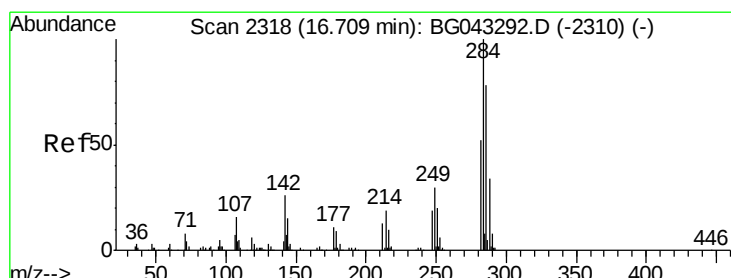
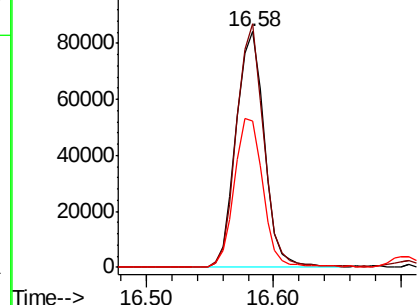
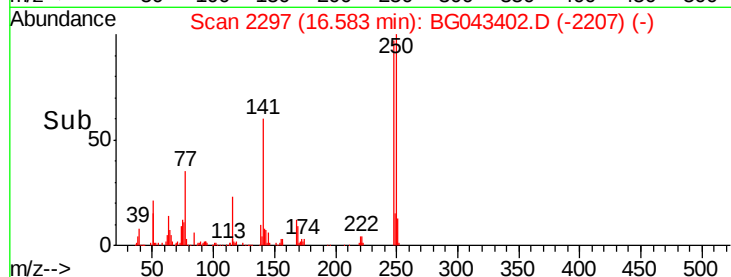


Abundance

Ion 248.00 (247.70 to 248.70): E

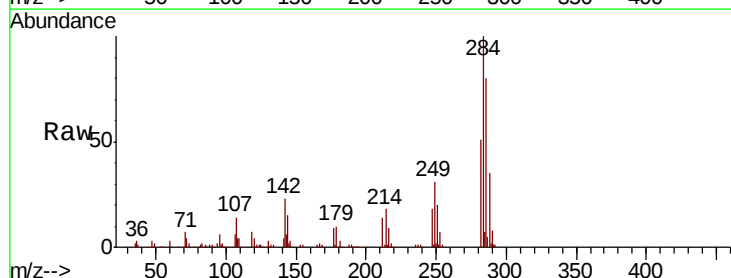
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.006 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	23.4	21.1	31.7
249	30.6	24.4	36.6

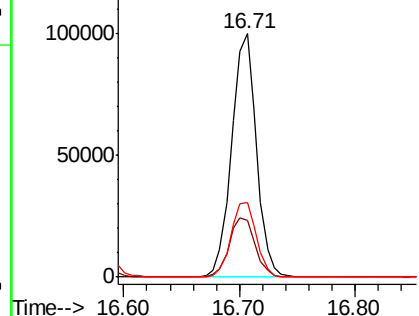
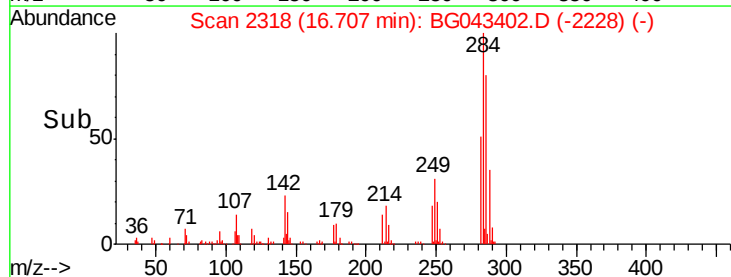


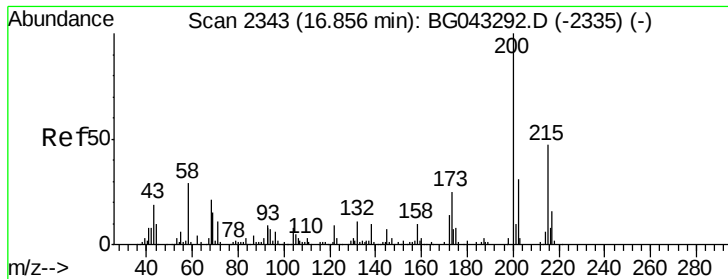
Abundance

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: 50.162 ng

RT: 16.85 min Scan# 2343

Delta R.T. -0.00 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Instrument :

BNA_G

ClientSampled :

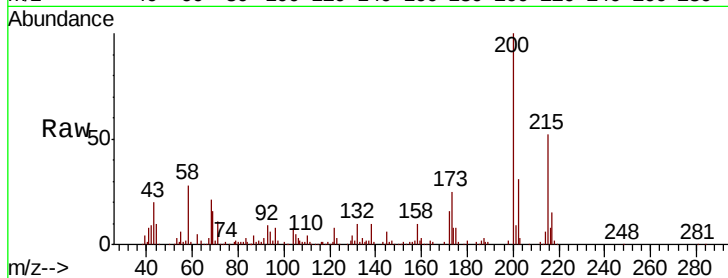
Tot Ion:200 Resp: 127342

Ion Ratio Lower Upper

200 100

173 25.3 5.1 45.1

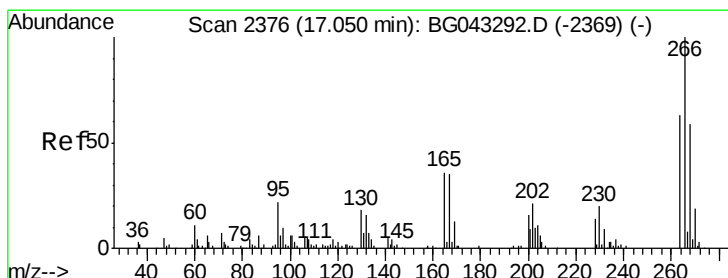
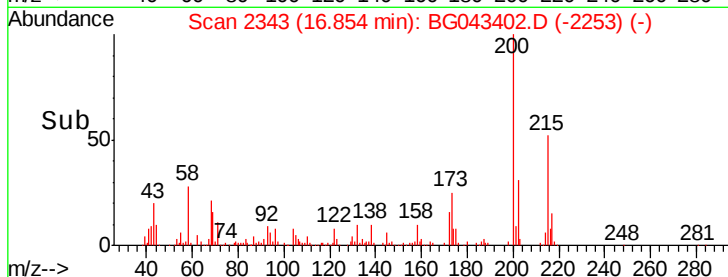
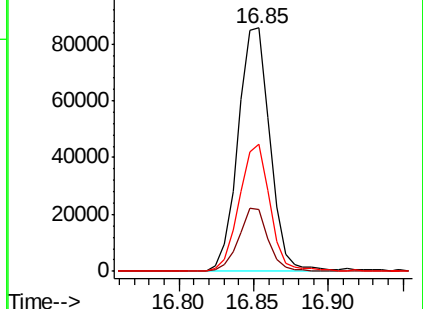
215 52.0 26.6 66.6



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: 92.235 ng

RT: 17.05 min Scan# 2377

Delta R.T. 0.00 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

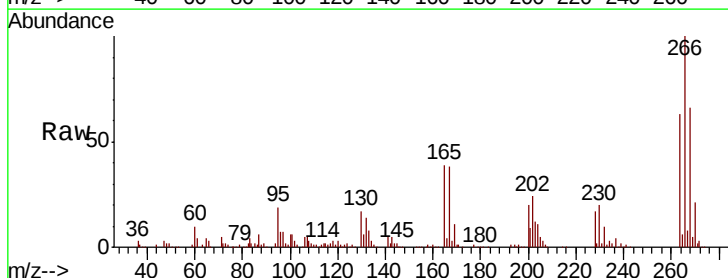
Tgt Ion:266 Resp: 168007

Ion Ratio Lower Upper

266 100

268 65.8 47.1 70.7

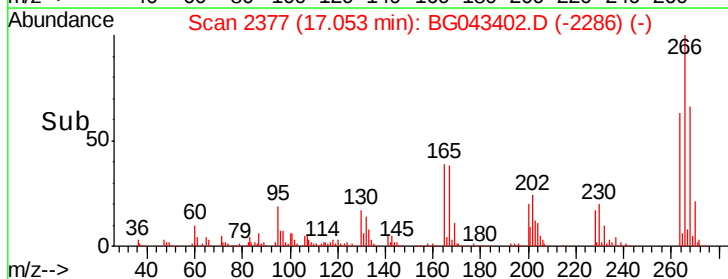
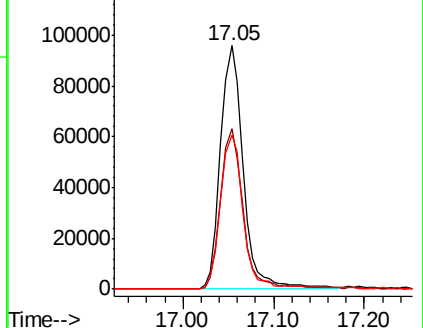
264 63.3 50.4 75.6



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

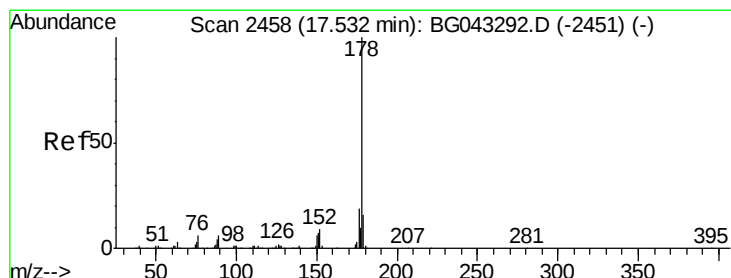
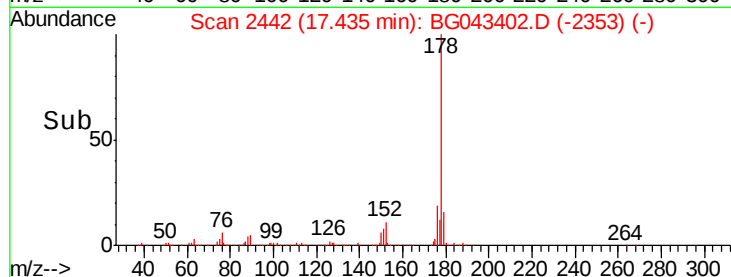
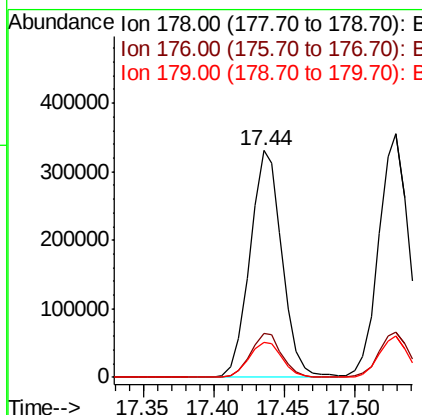
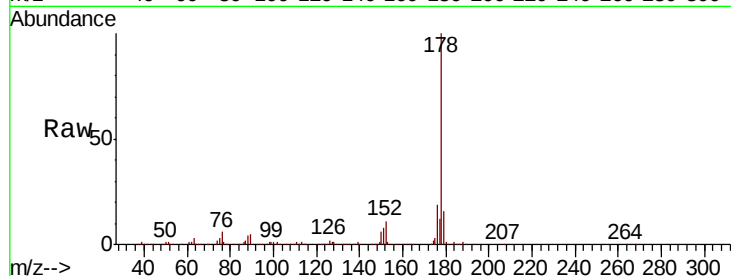




#71
Phenanthrene
Concen: 39.722 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

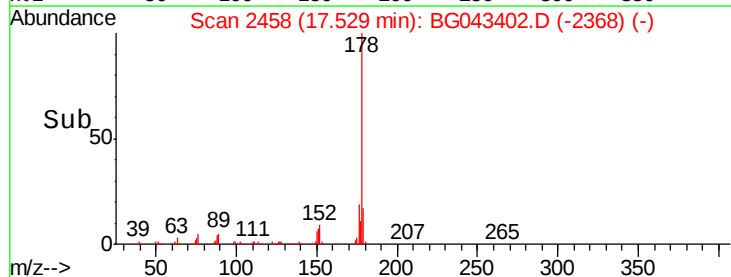
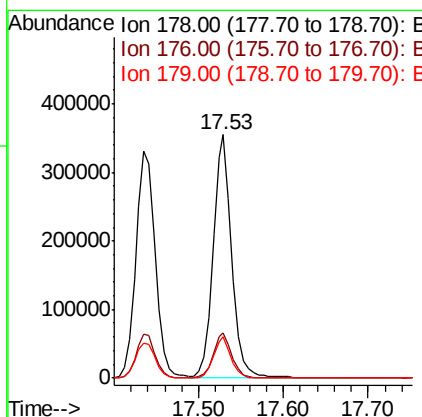
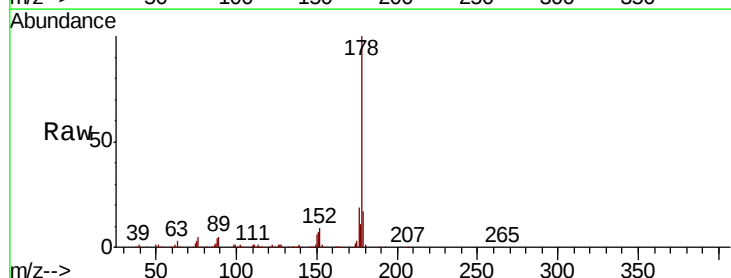
Instrument :
BNA_G
ClientSampled :

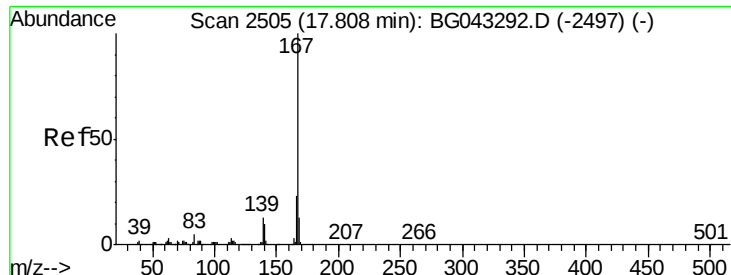
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.7	13.1	19.7



#72
Anthracene
Concen: 41.049 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	16.8	13.0	19.6





#73

Carbazole

Concen: 40.447 ng

RT: 17.80 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Instrument :

BNA_G

ClientSampleId :

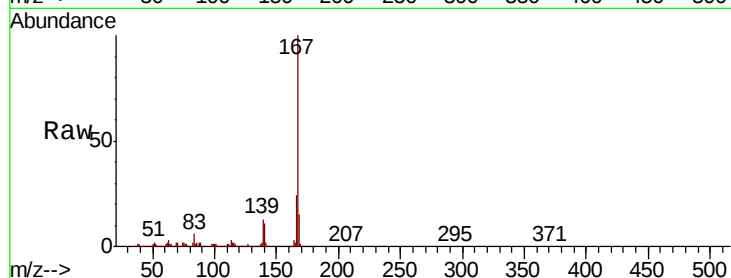
Tot Ion:167 Resp: 485616

Ion Ratio Lower Upper

167 100

166 24.2 18.4 27.6

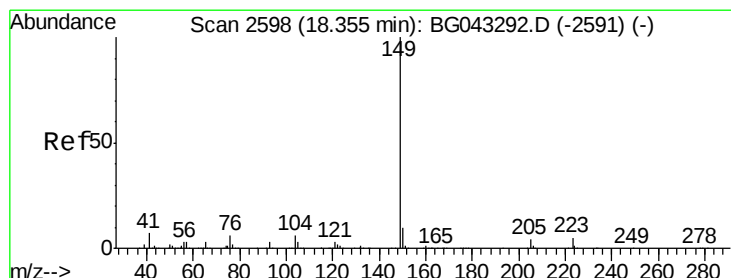
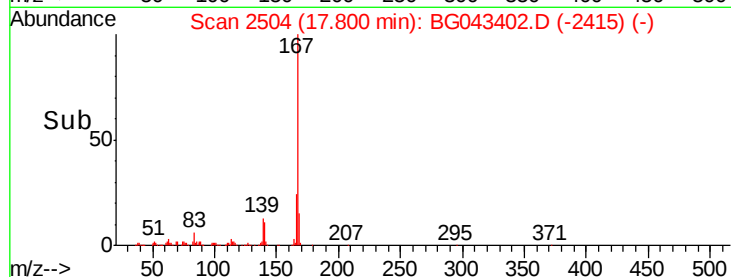
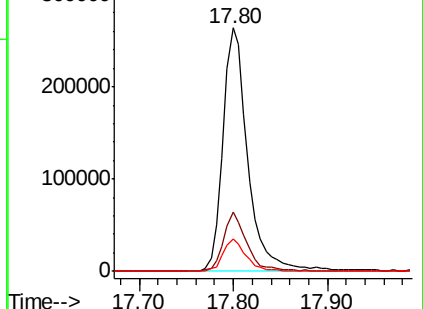
139 13.1 10.2 15.4



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: 40.109 ng

RT: 18.35 min Scan# 2598

Delta R.T. -0.00 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

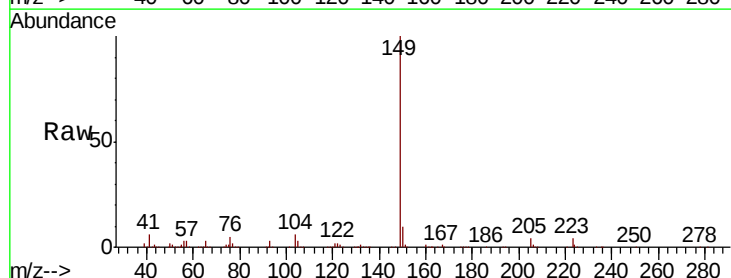
Tgt Ion:149 Resp: 584289

Ion Ratio Lower Upper

149 100

150 10.0 8.0 12.0

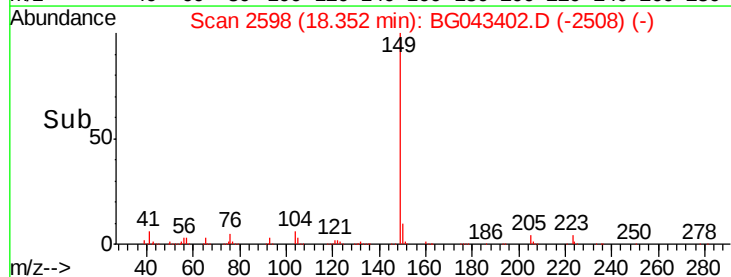
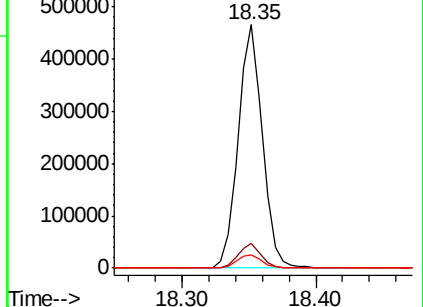
104 5.6 4.7 7.1

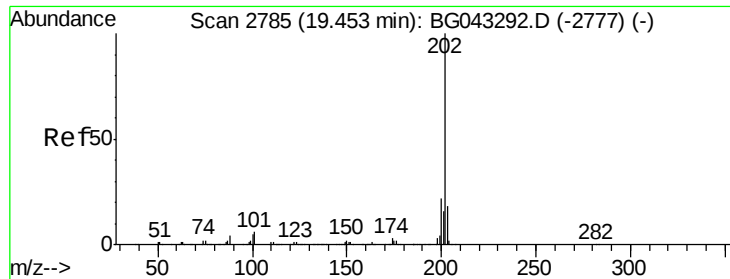


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.919 ng

RT: 19.44 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043402.D

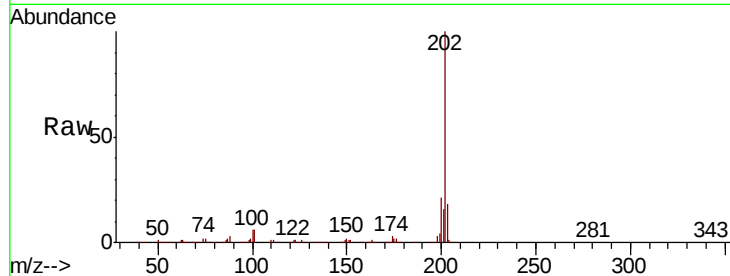
Acq: 30 Oct 2019 16:02

Instrument :

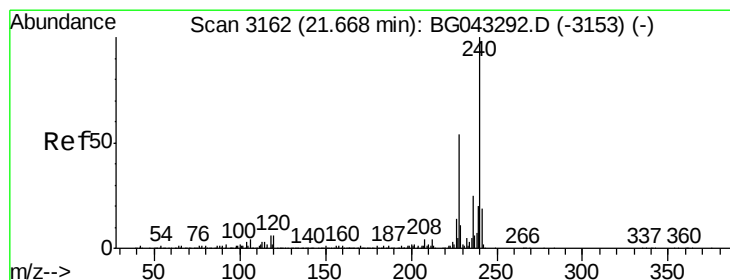
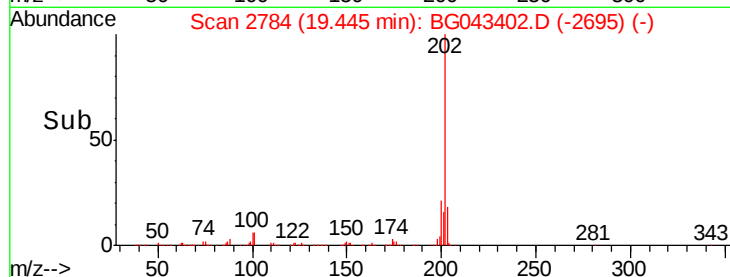
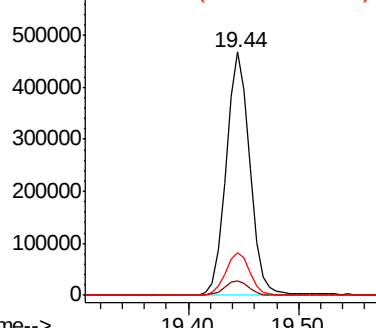
BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	706884
Ion	Ratio	Lower	Upper
202	100		
101	6.2	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

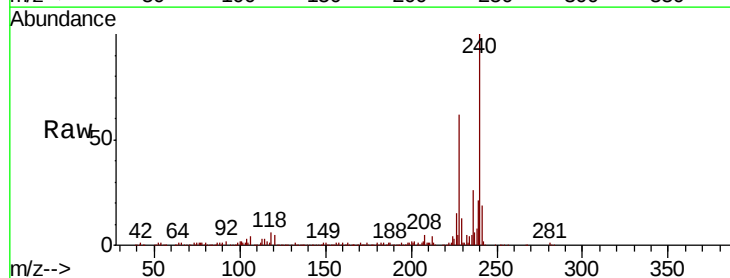
RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

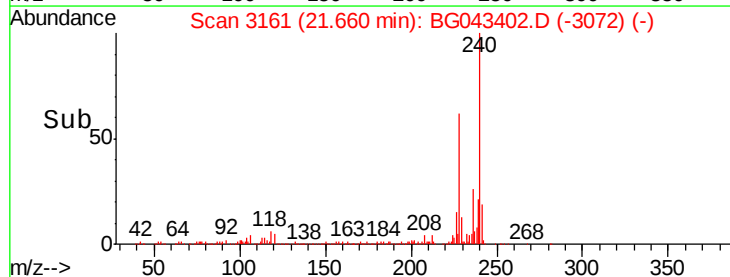
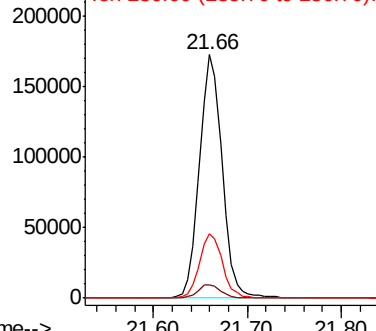
Lab File: BG043402.D

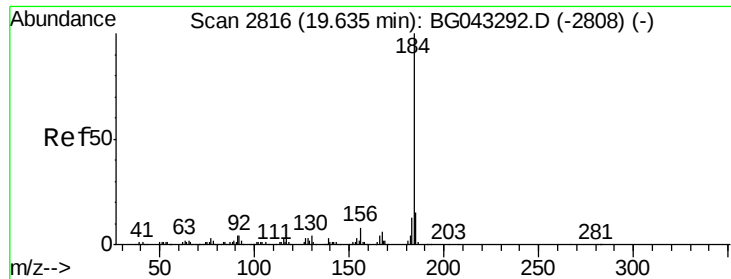
Acq: 30 Oct 2019 16:02

Tgt Ion:	240	Resp:	290371
Ion	Ratio	Lower	Upper
240	100		
120	5.2	4.6	7.0
236	26.4	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: 38.884 ng

RT: 19.63 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Instrument :

BNA_G

ClientSampleId :

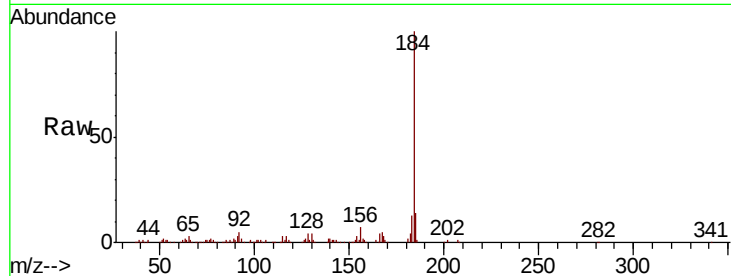
Tot Ion:184 Resp: 227229

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.8	17.6
183	12.9	10.6	16.0

184 100

185 14.4 11.8 17.6

183 12.9 10.6 16.0



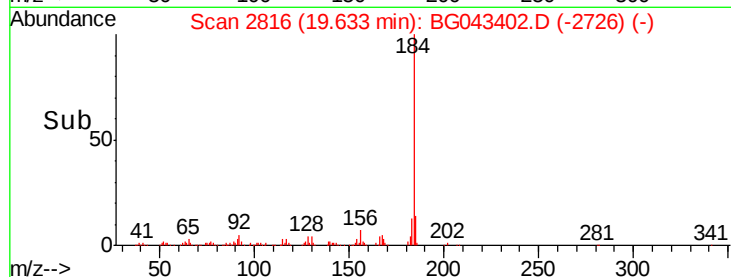
Abundance

Ion 184.00 (183.70 to 184.70): E

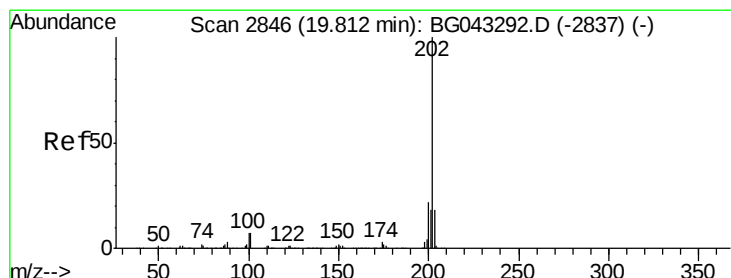
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

19.63



Time--> 19.50 19.60 19.70 19.80



#78

Pyrene

Concen: 39.885 ng

RT: 19.81 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

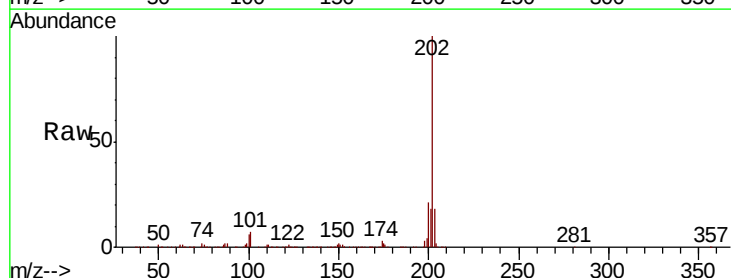
Tgt Ion:202 Resp: 716869

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.3	25.9
203	17.7	14.5	21.7

202 100

200 20.9 17.3 25.9

203 17.7 14.5 21.7



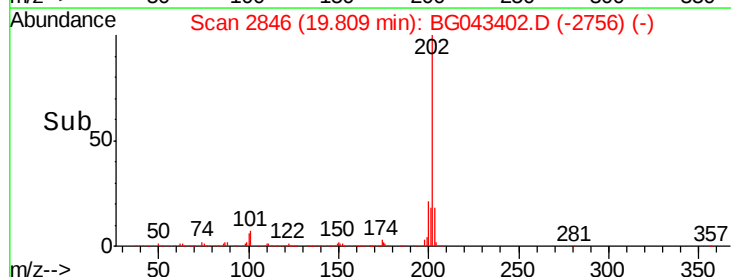
Abundance

Ion 202.00 (201.70 to 202.70): E

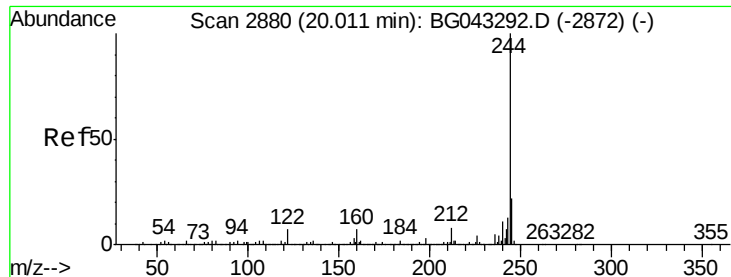
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

19.81



Time--> 19.70 19.80 19.90 20.00



#79

Terphenyl-d14

Concen: 62.893 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Instrument :

BNA_G

ClientSampleId :

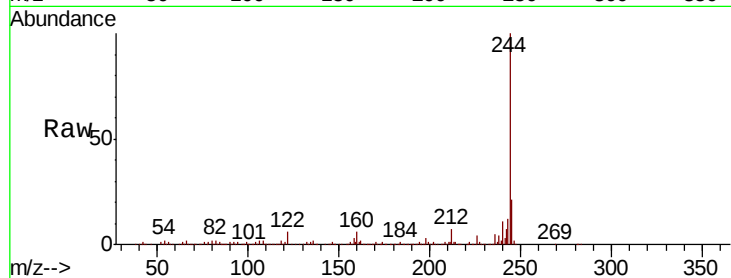
Tot Ion:244 Resp: 973442

Ion Ratio Lower Upper

244 100

212 7.1 6.4 9.6

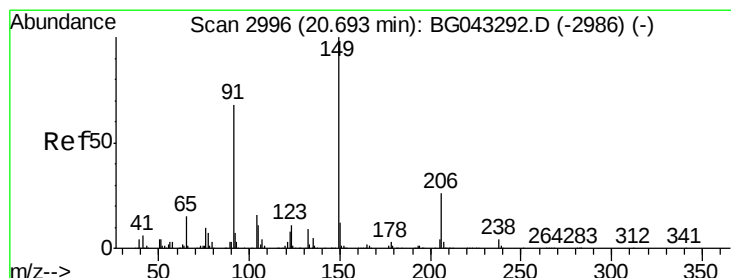
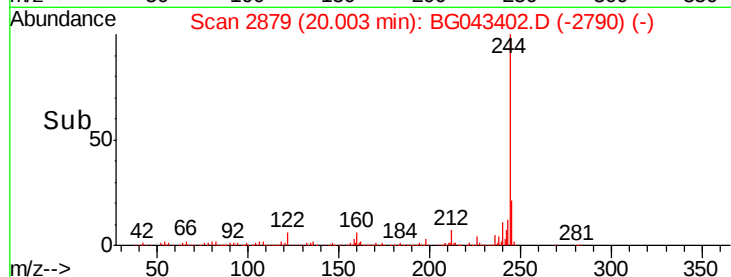
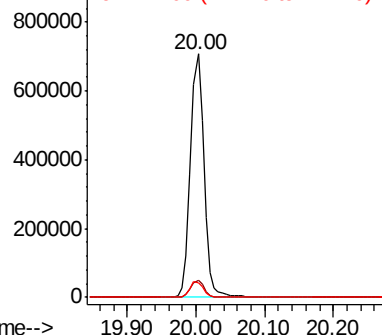
122 6.2 5.3 7.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.410 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.00 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

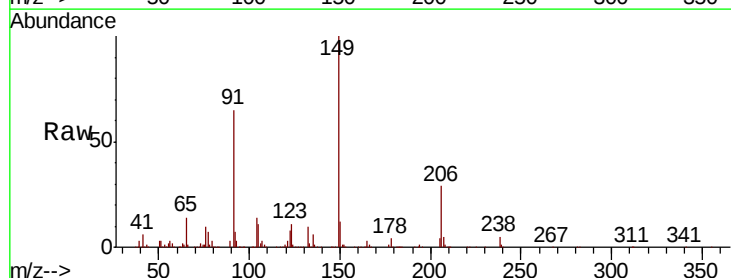
Tgt Ion:149 Resp: 268364

Ion Ratio Lower Upper

149 100

91 64.7 54.6 82.0

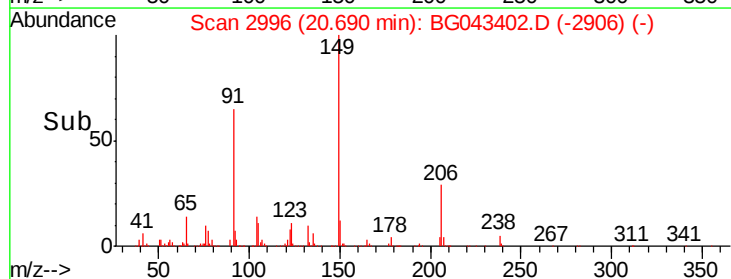
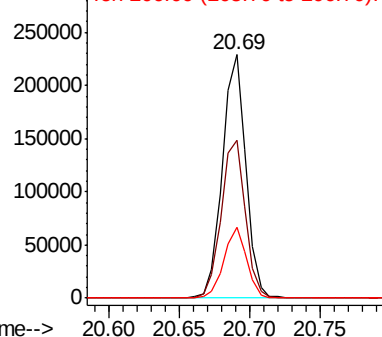
206 29.2 20.5 30.7

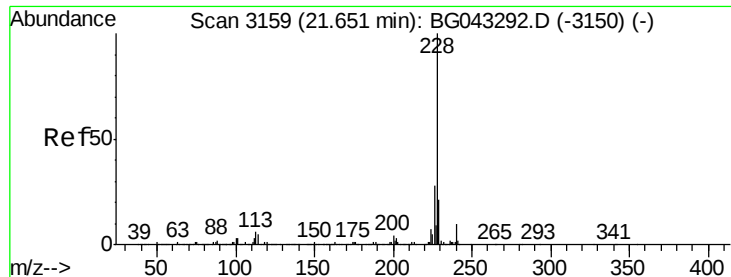


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

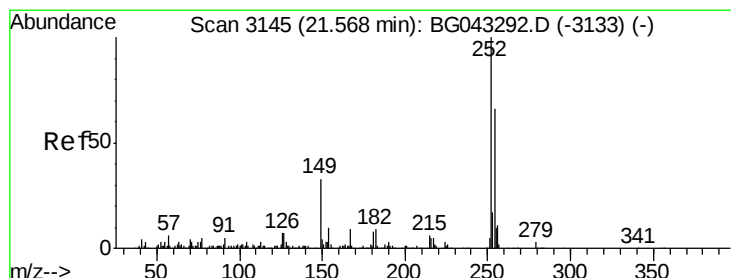
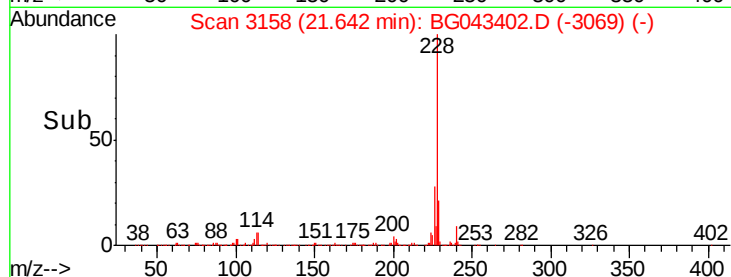
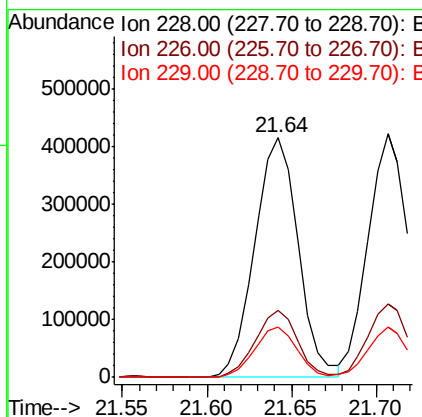
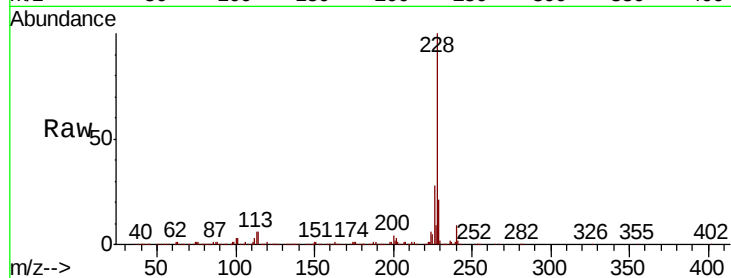




#81
Benzo(a)anthracene
Concen: 40.895 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

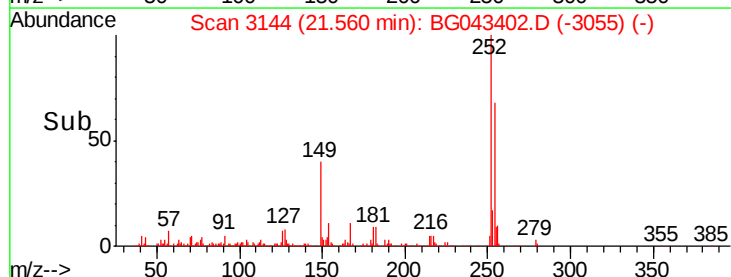
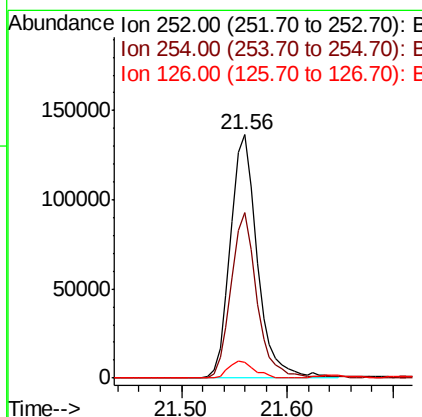
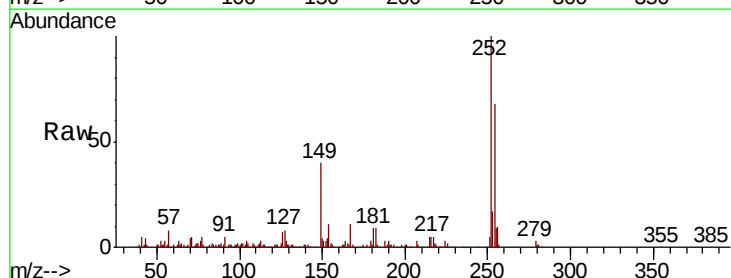
Instrument :
BNA_G
ClientSampleId :

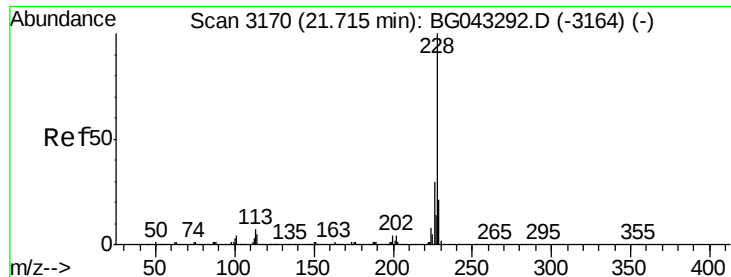
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.2	33.4
229	21.0	16.9	25.3



#82
3,3'-Dichlorobenzidine
Concen: 34.208 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Tgt Ion	Ratio	Lower	Upper
252	100		
254	68.0	52.7	79.1
126	6.6	5.6	8.4





#83

Chrvsene

Concen: 39.595 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

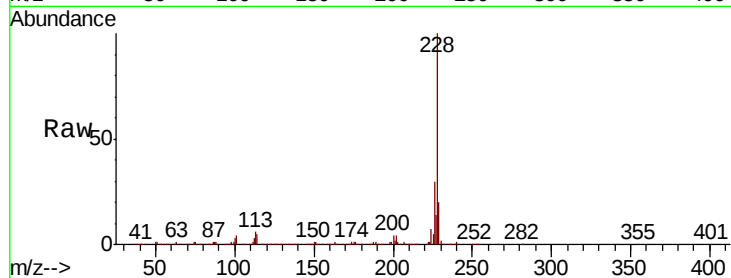
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 715547

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.8
229	20.5	16.3	24.5

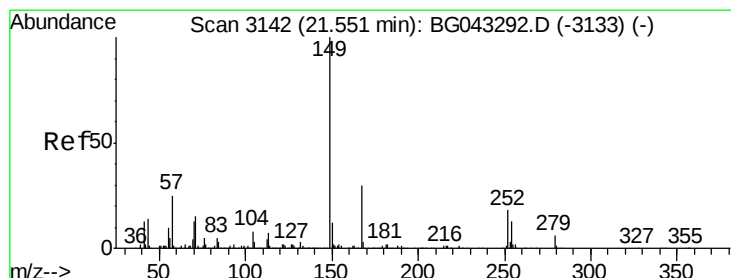
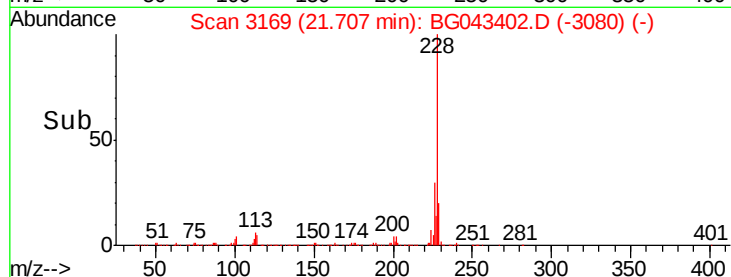
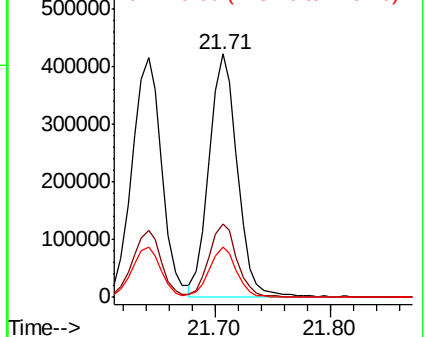


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.638 ng

RT: 21.54 min Scan# 3141

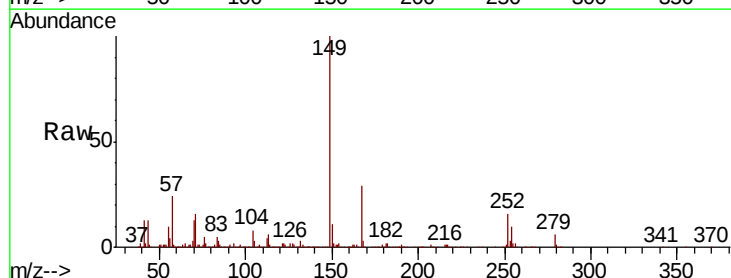
Delta R.T. -0.01 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Tgt Ion:149 Resp: 393088

Ion	Ratio	Lower	Upper
149	100		
167	28.7	23.9	35.9
279	6.4	4.8	7.2

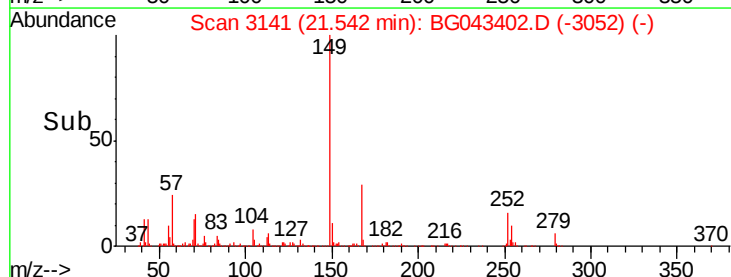
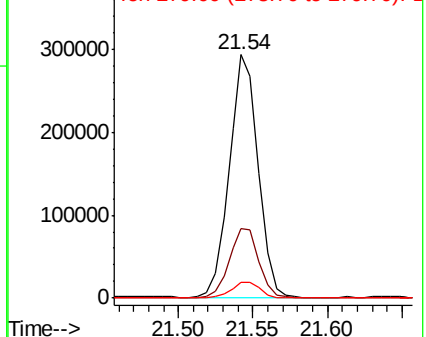


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.992 ng

RT: 22.74 min Scan# 3345

Delta R.T. -0.01 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Instrument :

BNA_G

ClientSampled :

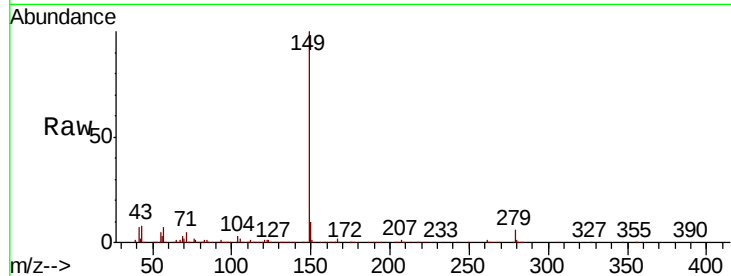
Tot Ion:149 Resp: 672723

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

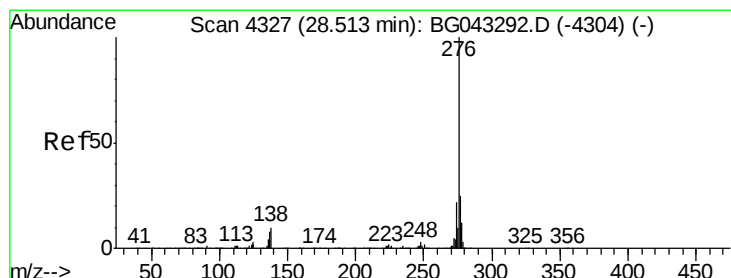
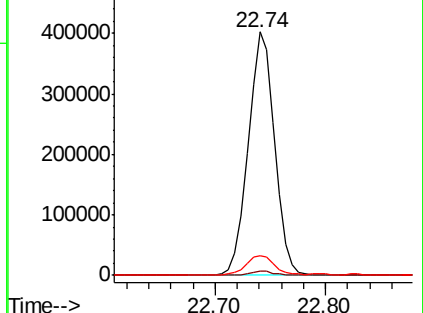
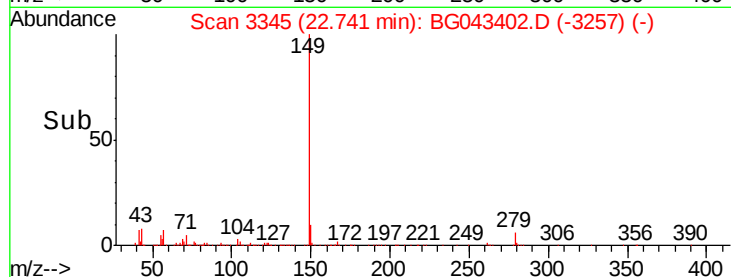
43 8.6 6.9 10.3



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: 41.599 ng

RT: 28.50 min Scan# 4325

Delta R.T. -0.01 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

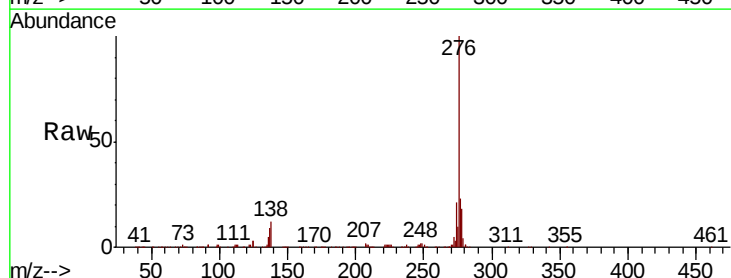
Tgt Ion:276 Resp: 943668

Ion Ratio Lower Upper

276 100

138 7.0 7.2 10.8#

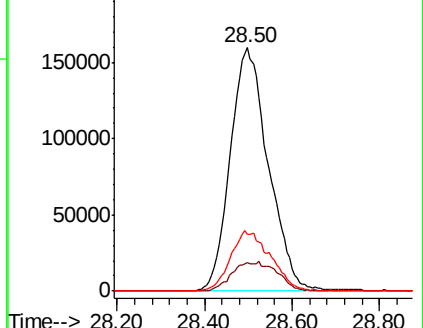
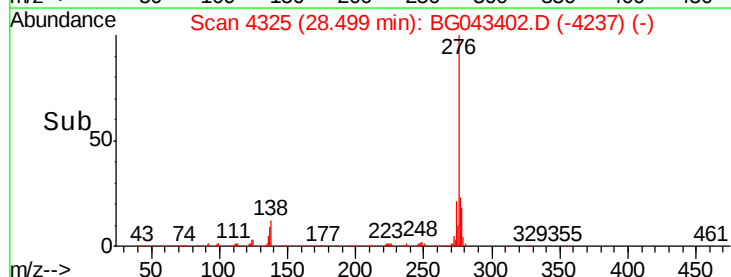
277 25.9 20.9 31.3



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

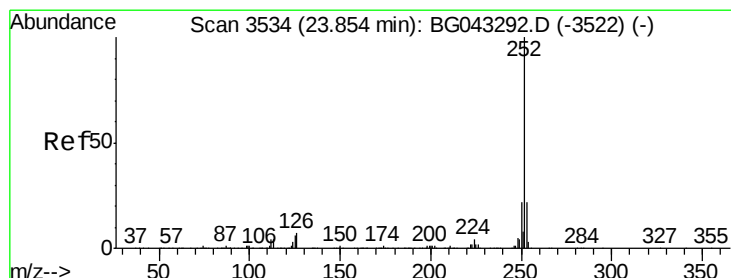
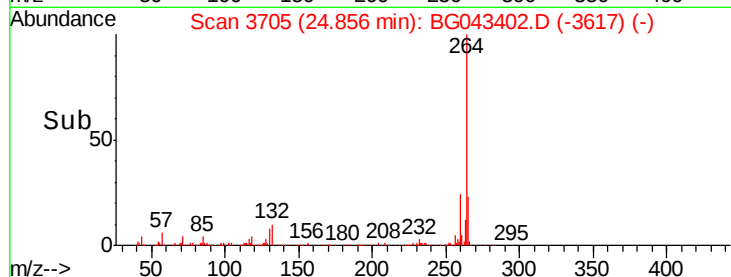
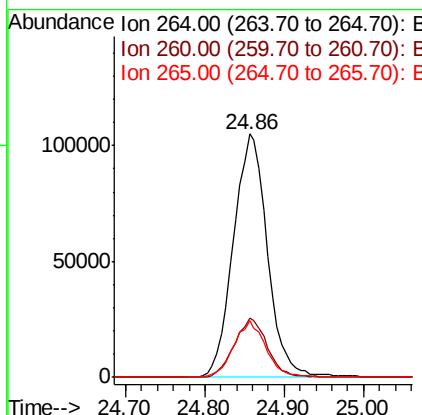
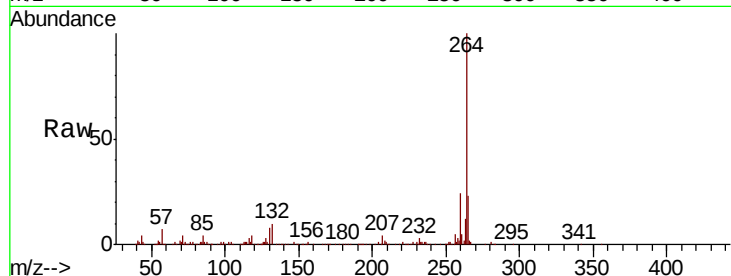




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3705
Delta R.T. -0.01 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

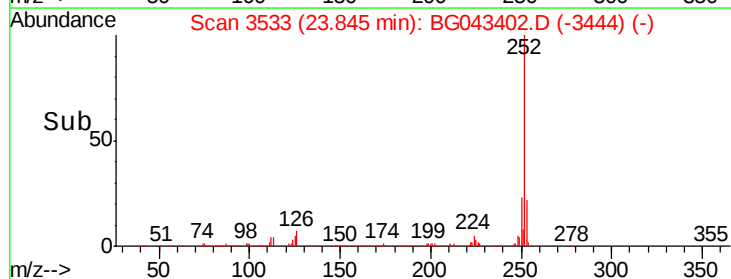
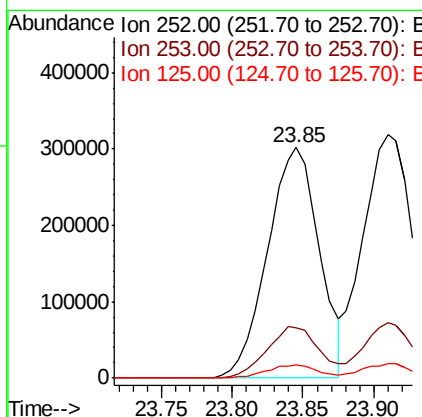
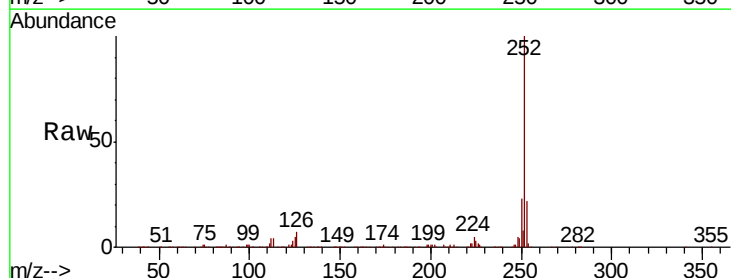
Instrument :
BNA_G
ClientSampled :

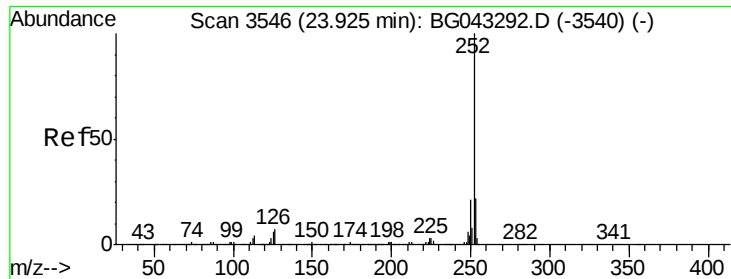
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.9	26.9
265	23.1	17.4	26.2



#88
Benzo(b)fluoranthene
Concen: 43.635 ng
RT: 23.85 min Scan# 3533
Delta R.T. -0.01 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	5.5	5.0	7.6





#89

Benzo(k)fluoranthene

Concen: 44.901 ng

RT: 23.91 min Scan# 3544

Delta R.T. -0.01 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Instrument :

BNA_G

ClientSampleId :

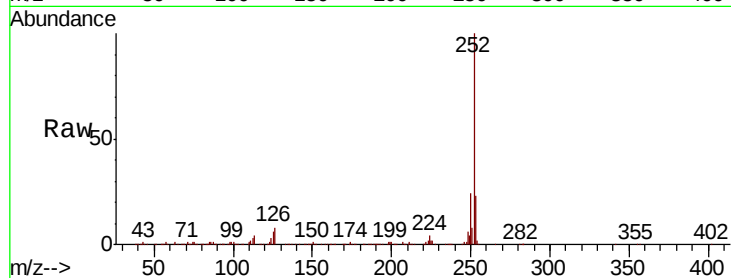
Tot Ion:252 Resp: 799735

Ion Ratio Lower Upper

252 100

253 22.9 17.6 26.4

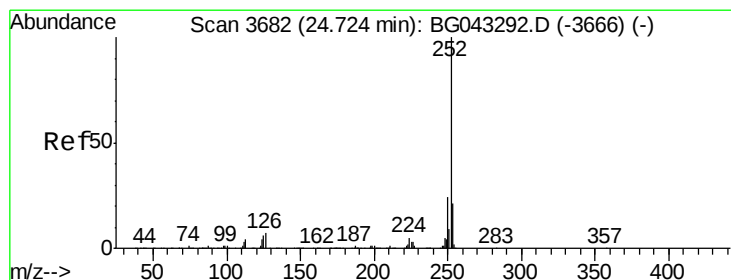
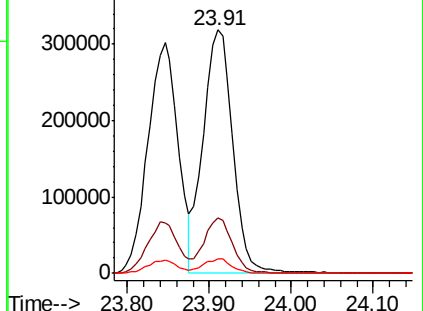
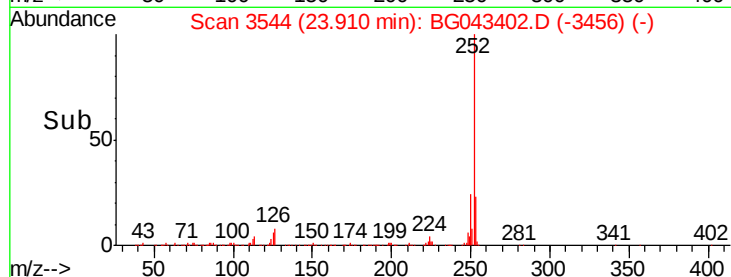
125 6.0 4.5 6.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 42.884 ng

RT: 24.71 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

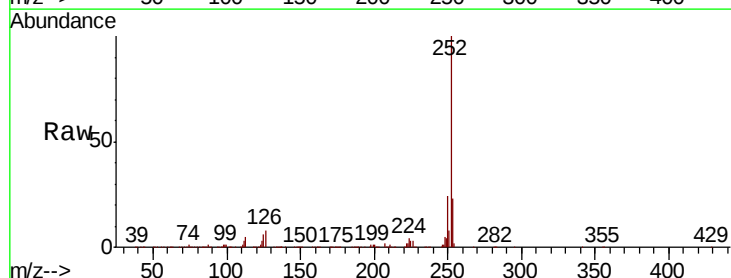
Tgt Ion:252 Resp: 724526

Ion Ratio Lower Upper

252 100

253 22.8 17.2 25.8

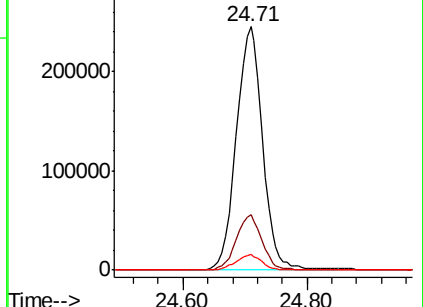
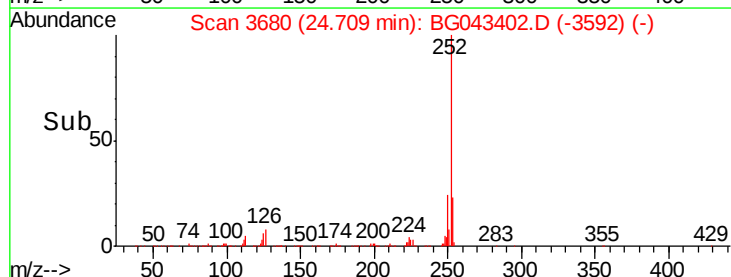
125 6.3 5.0 7.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

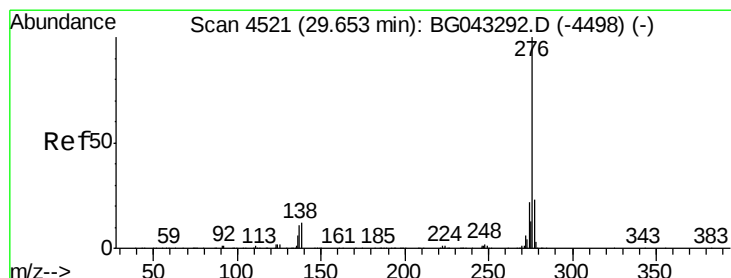
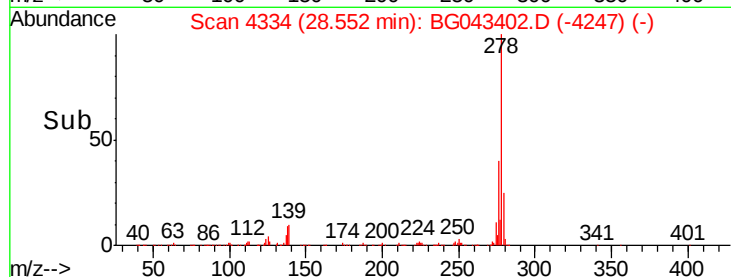
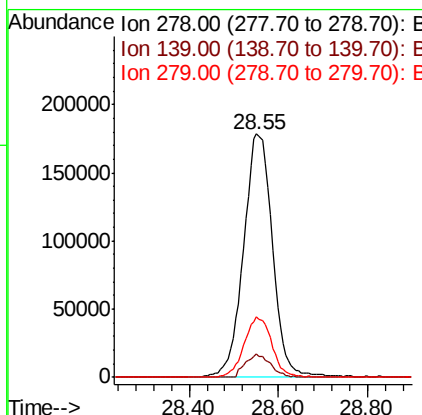
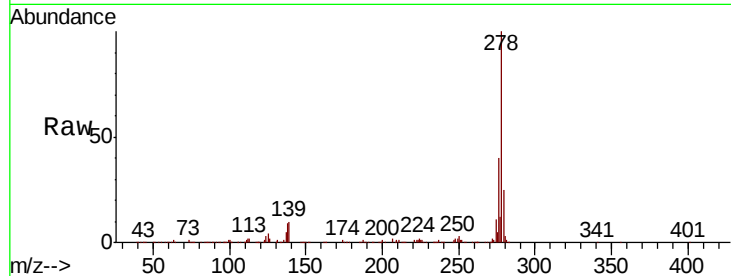




#91
Dibenzo(a,h)anthracene
Concen: 45.951 ng
RT: 28.55 min Scan# 4334
Delta R.T. -0.02 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.8	6.8	10.2
279	25.0	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 46.561 ng
RT: 29.64 min Scan# 4519
Delta R.T. -0.01 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.3	27.5
138	11.8	9.3	13.9

