

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
 Data File : BG043380.D
 Acq On : 29 Oct 2019 18:58
 Operator : JU
 Sample : K5564-11MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 06:23:07 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	42687	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	169650	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	120330	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	268439	20.00	ng	0.00
76) Chrysene-d12	21.66	240	306549	20.00	ng	0.00
87) Perylene-d12	24.86	264	367960	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	288739	123.95	ng	0.01
7) Phenol-d6	7.21	99	409052	122.05	ng	0.01
23) Nitrobenzene-d5	9.19	82	251409	76.40	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	246446	107.62	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	653081	75.00	ng	0.00
79) Terphenyl-d14	20.01	244	1229941	75.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	32028	35.281	ng	# 91
3) Pyridine	3.89	79	78431	34.250	ng	99
4) n-Nitrosodimethylamine	3.81	42	47019	40.691	ng	98
6) Aniline	7.36	93	57622	14.924	ng	93
8) 2-Chlorophenol	7.60	128	114081	44.363	ng	96
9) Benzaldehyde	7.16	77	61426	37.293	ng	88
10) Phenol	7.24	94	143635	46.898	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	90237	38.109	ng	98
12) 1,3-Dichlorobenzene	7.91	146	125371	38.912	ng	97
13) 1,4-Dichlorobenzene	8.06	146	128373	39.381	ng	95
14) 1,2-Dichlorobenzene	8.38	146	124593	39.146	ng	99
15) Benzyl Alcohol	8.27	79	94286	40.056	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.55	45	127587	37.056	ng	94
17) 2-Methylphenol	8.48	107	94968	42.535	ng	99
18) Hexachloroethane	9.11	117	45038	38.295	ng	98
19) n-Nitroso-di-n-propylamine	8.82	70	82538	38.111	ng	# 92
20) 3+4-Methylphenols	8.81	107	122418	39.985	ng	89
22) Acetophenone	8.85	105	163607	37.658	ng	# 99
24) Nitrobenzene	9.23	77	126055	40.212	ng	97
25) Isophorone	9.75	82	232676	38.674	ng	98
26) 2-Nitrophenol	9.94	139	64633	42.707	ng	97
27) 2,4-Dimethylphenol	10.01	122	103121	47.540	ng	97
28) bis(2-Chloroethoxy)methane	10.23	93	125303	37.736	ng	94
29) 2,4-Dichlorophenol	10.49	162	121136	43.586	ng	93
30) 1,2,4-Trichlorobenzene	10.69	180	138713	39.600	ng	96
31) Naphthalene	10.88	128	356898	41.445	ng	97
32) Benzoic acid	10.18	122	57336	37.141	ng	93
33) 4-Chloroaniline	11.01	127	22340	6.329	ng	# 92
34) Hexachlorobutadiene	11.16	225	97964	37.833	ng	92
35) Caprolactam	11.81	113	15003	15.674	ng	96
36) 4-Chloro-3-methylphenol	12.13	107	124373	41.026	ng	98
37) 2-Methylnaphthalene	12.48	142	270858	40.994	ng	95
38) 1-Methylnaphthalene	12.70	142	250821	39.897	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	170987	38.396	ng	99

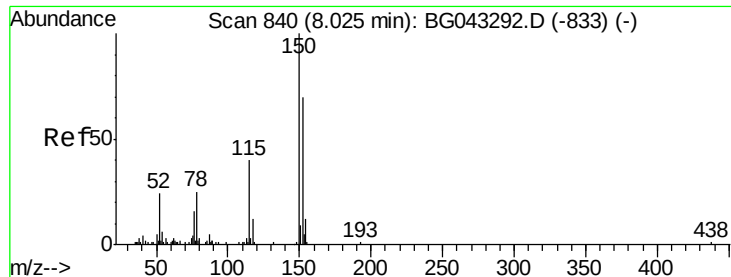
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
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 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	189876	81.168	ng	94
43) 2,4,6-Trichlorophenol	13.10	196	110340	42.074	ng	98
44) 2,4,5-Trichlorophenol	13.18	196	119269	44.984	ng	96
46) 1,1'-Biphenyl	13.48	154	359423	39.264	ng	100
47) 2-Chloronaphthalene	13.53	162	274965	39.478	ng	99
48) 2-Nitroaniline	13.74	65	81803	39.296	ng	96
49) Acenaphthylene	14.37	152	445138	41.064	ng	98
50) Dimethylphthalate	14.11	163	459064	49.254	ng	98
51) 2,6-Dinitrotoluene	14.22	165	81353	40.178	ng	97
52) Acenaphthene	14.72	154	266216	40.271	ng	99
53) 3-Nitroaniline	14.56	138	25200	12.890	ng	98
54) 2,4-Dinitrophenol	14.76	184	55031	46.844	ng	91
55) Dibenzofuran	15.05	168	440078	41.051	ng	98
56) 4-Nitrophenol	14.90	139	124326	94.901	ng	98
57) 2,4-Dinitrotoluene	15.01	165	114505	39.570	ng	# 98
58) Fluorene	15.70	166	365963	40.702	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	118836	42.186	ng	# 97
60) Diethylphthalate	15.46	149	356436	38.060	ng	97
61) 4-Chlorophenyl-phenylether	15.69	204	208248	39.702	ng	97
62) 4-Nitroaniline	15.73	138	61380	30.402	ng	90
63) Azobenzene	15.98	77	306742	40.471	ng	98
65) 4,6-Dinitro-2-methylphenol	15.78	198	50864	32.197	ng	92
66) n-Nitrosodiphenylamine	15.90	169	325159	42.904	ng	99
67) 4-Bromophenyl-phenylether	16.58	248	147423	40.808	ng	97
68) Hexachlorobenzene	16.70	284	165798	39.982	ng	97
69) Atrazine	16.85	200	140434	53.327	ng	95
70) Pentachlorophenol	17.06	266	181004	95.793	ng	94
71) Phenanthrene	17.44	178	595538	43.324	ng	99
72) Anthracene	17.53	178	602093	43.778	ng	100
73) Carbazole	17.80	167	532503	42.756	ng	99
74) Di-n-butylphthalate	18.35	149	640084	42.356	ng	99
75) Fluoranthene	19.45	202	800869	44.690	ng	99
77) Benzidine	19.63	184	241437	39.135	ng	98
78) Pyrene	19.81	202	806325	42.494	ng	100
80) Butylbenzylphthalate	20.69	149	348641	48.497	ng	96
81) Benzo(a)anthracene	21.64	228	829551	43.201	ng	100
82) 3,3'-Dichlorobenzidine	21.56	252	165381	22.268	ng	96
83) Chrysene	21.71	228	808420	42.373	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	435619	42.658	ng	100
85) Di-n-octyl phthalate	22.74	149	745237	43.015	ng	100
86) Indeno(1,2,3-cd)pyrene	28.50	276	1051752	43.917	ng	# 96
88) Benzo(b)fluoranthene	23.85	252	879413	42.198	ng	98
89) Benzo(k)fluoranthene	23.91	252	882926	42.084	ng	98
90) Benzo(a)pyrene	24.71	252	823092	41.360	ng	99
91) Dibenzo(a,h)anthracene	28.57	278	883660	43.411	ng	100
92) Benzo(g,h,i)perylene	29.65	276	905498	45.097	ng	98

(#) = 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: BG043380.D

Acq: 29 Oct 2019 18:58

Instrument :

BNA_G

ClientSampleId :

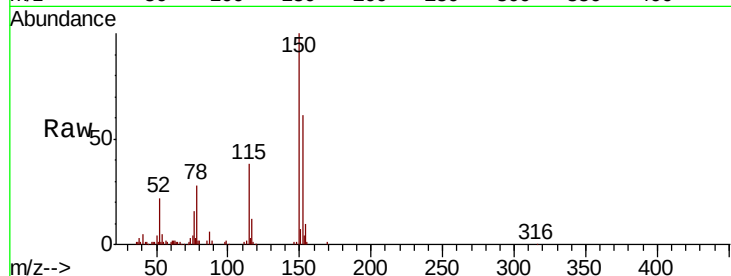
Tot Ion:152 Resp: 42687

Ion Ratio Lower Upper

152 100

150 162.7 113.6 170.4

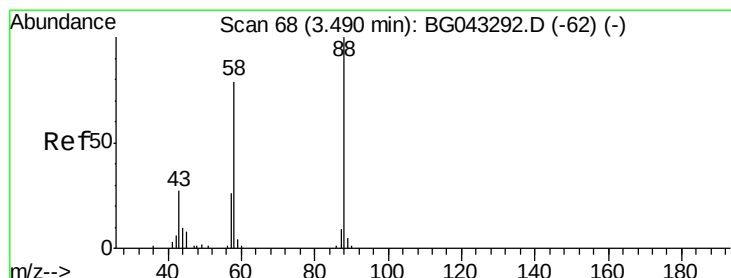
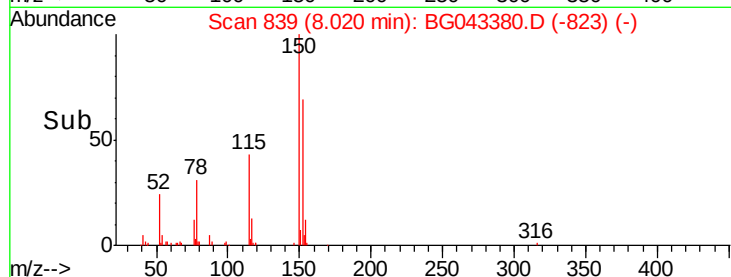
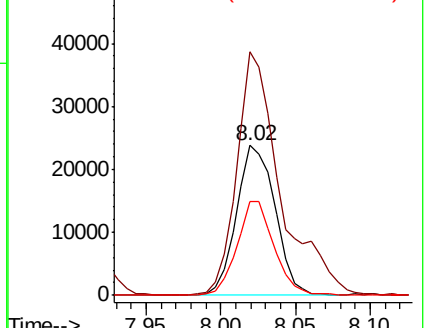
115 62.6 45.9 68.9



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: 35.281 ng

RT: 3.49 min Scan# 68

Delta R.T. 0.00 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

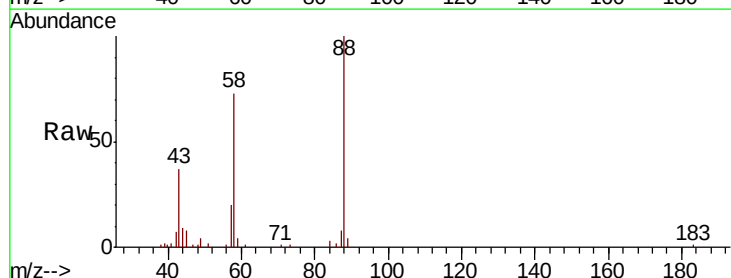
Tgt Ion: 88 Resp: 32028

Ion Ratio Lower Upper

88 100

58 69.4 60.2 90.2

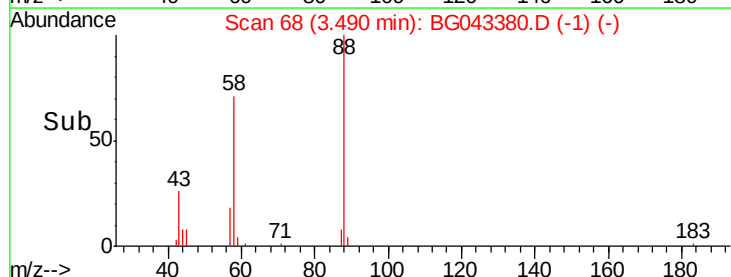
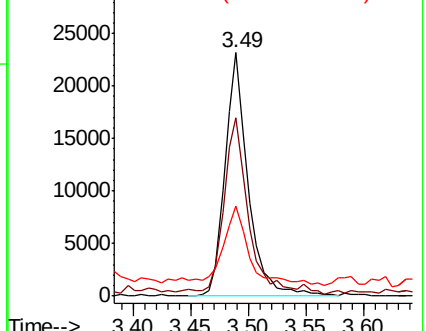
43 36.2 22.7 34.1#

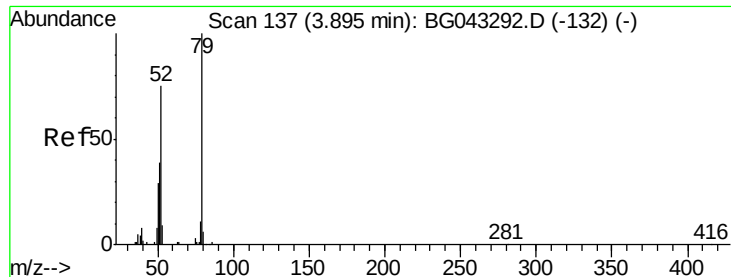


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.250 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

Instrument :

BNA_G

ClientSampled :

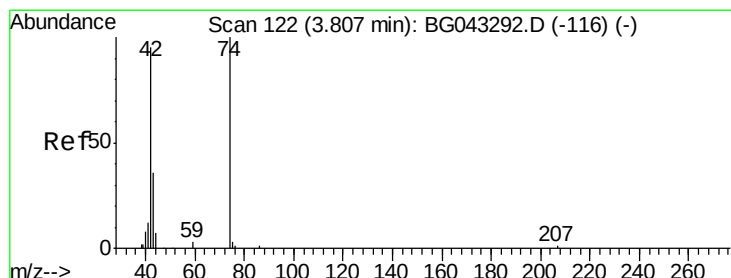
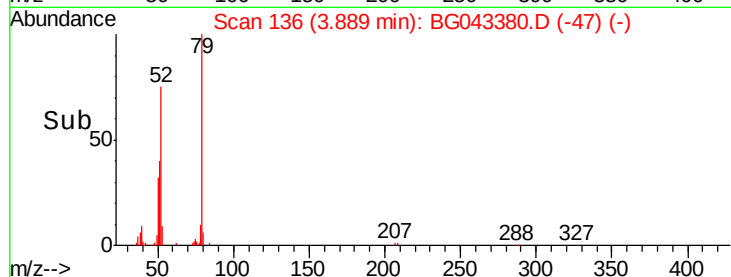
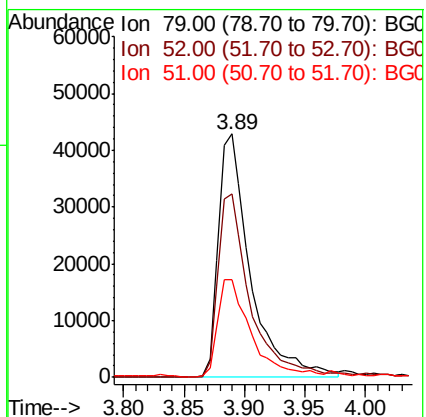
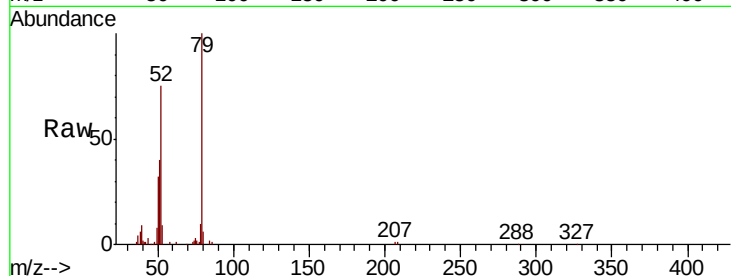
Tot Ion: 79 Resp: 78431

Ion Ratio Lower Upper

79 100

52 75.1 59.7 89.5

51 40.3 31.8 47.6



#4

n-Nitrosodimethylamine

Concen: 40.691 ng

RT: 3.81 min Scan# 122

Delta R.T. 0.00 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

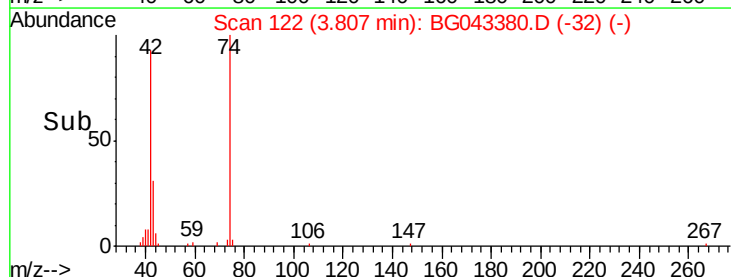
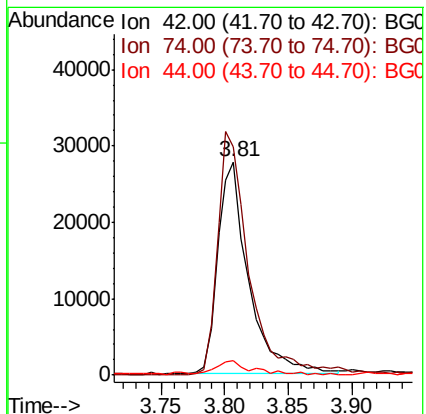
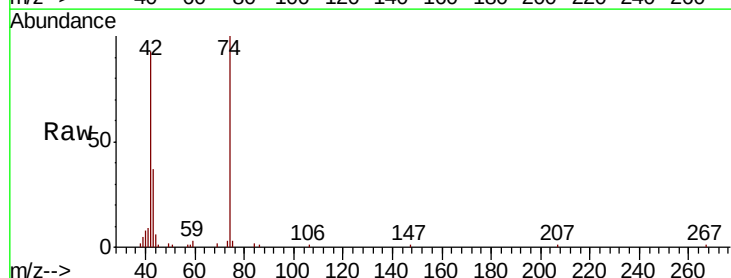
Tgt Ion: 42 Resp: 47019

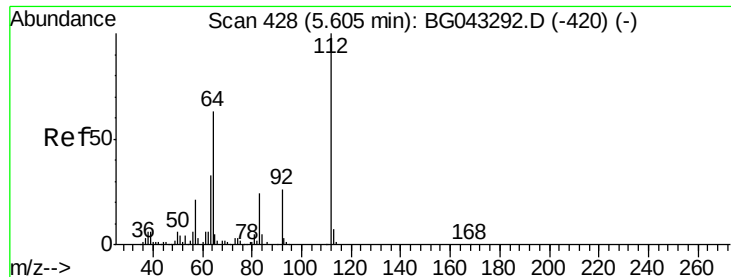
Ion Ratio Lower Upper

42 100

74 107.2 84.2 126.2

44 6.8 6.0 9.0





#5

2-Fluorophenol

Concen: 123.949 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

Instrument :

BNA_G

ClientSampleId :

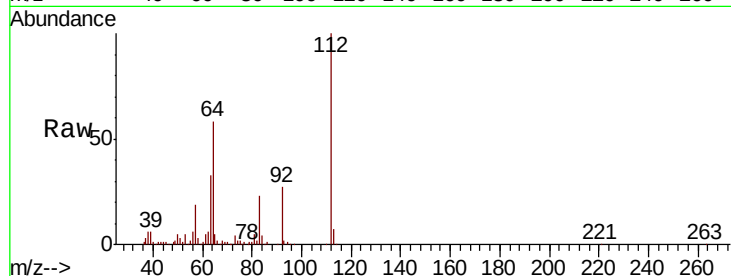
Tot Ion:112 Resp: 288739

Ion Ratio Lower Upper

112 100

64 58.5 50.2 75.2

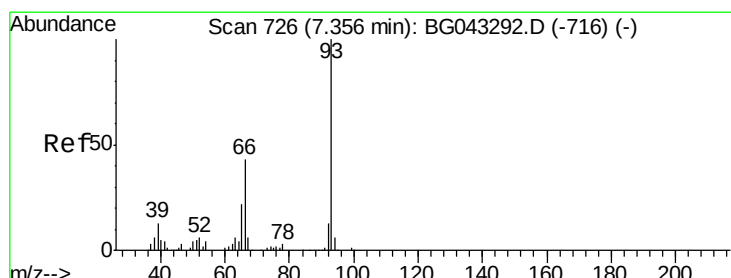
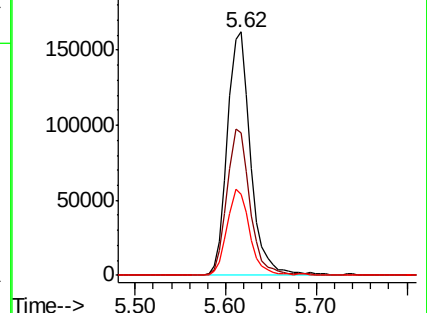
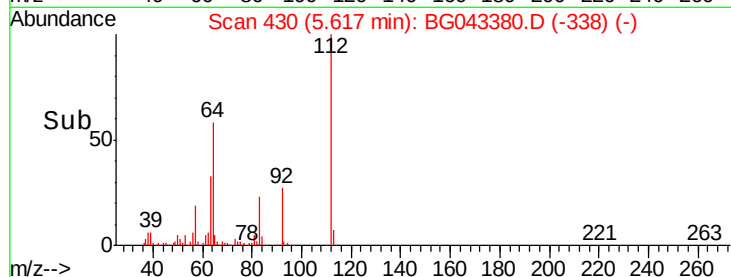
63 33.3 26.7 40.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 14.924 ng

RT: 7.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

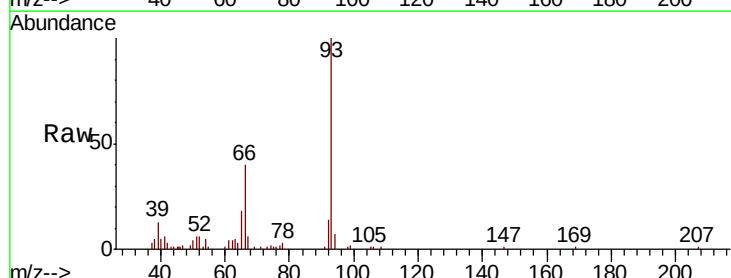
Tgt Ion: 93 Resp: 57622

Ion Ratio Lower Upper

93 100

66 39.5 34.5 51.7

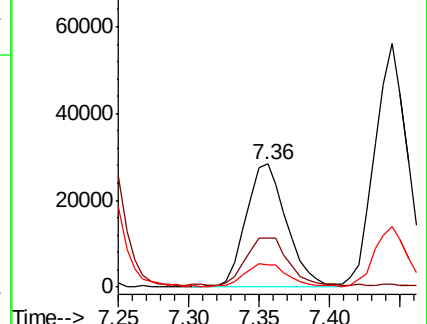
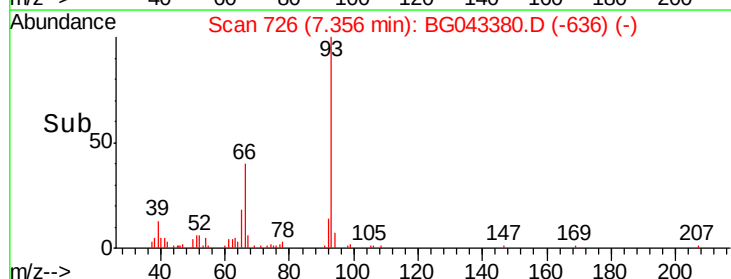
65 18.2 18.0 27.0

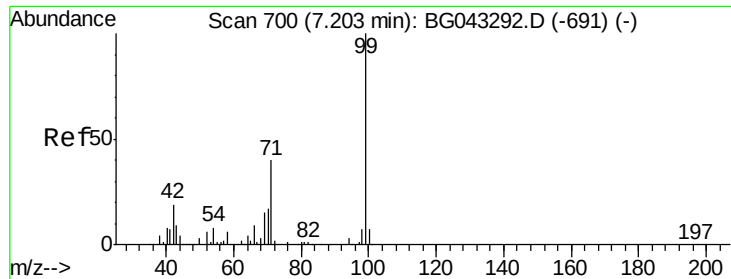


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 122.046 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

Instrument :

BNA_G

ClientSampled :

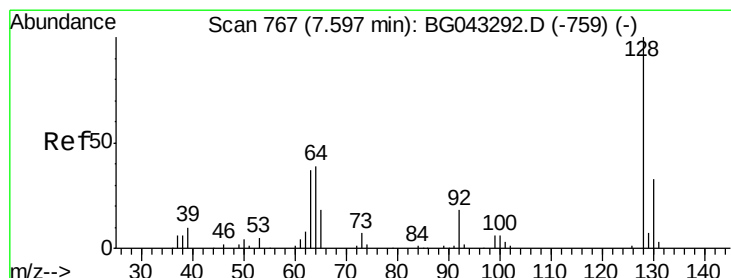
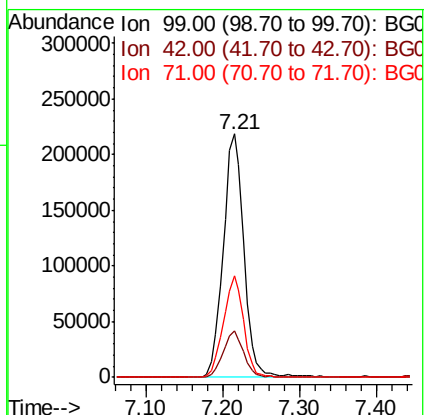
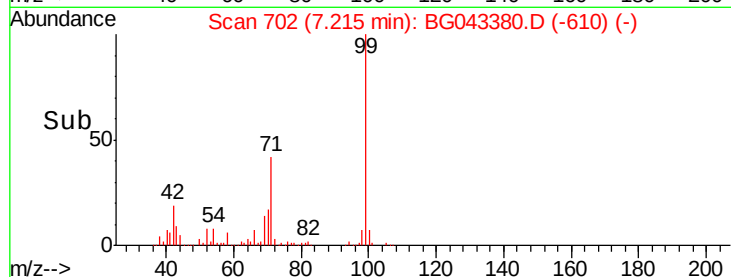
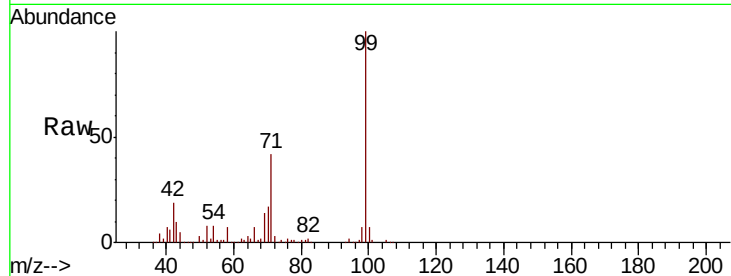
Tot Ion: 99 Resp: 409052

Ion Ratio Lower Upper

99 100

42 19.3 14.9 22.3

71 41.5 32.2 48.2



#8

2-Chlorophenol

Concen: 44.363 ng

RT: 7.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

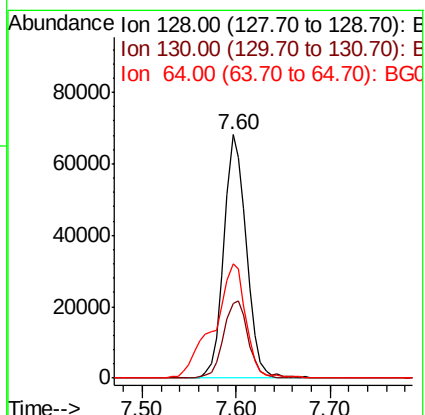
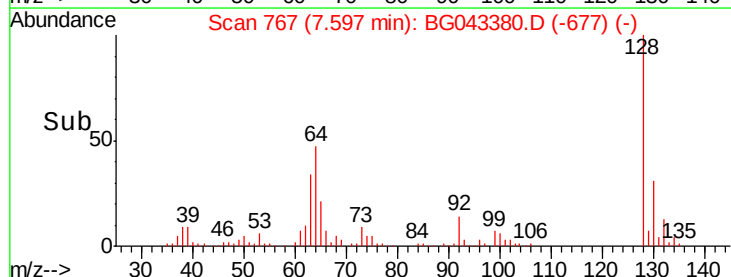
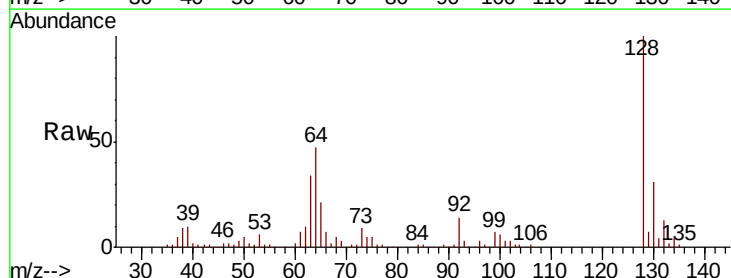
Tgt Ion: 128 Resp: 114081

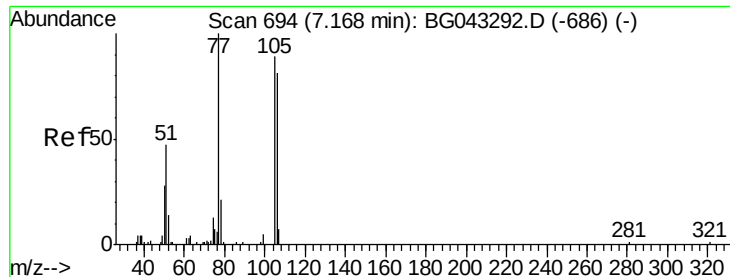
Ion Ratio Lower Upper

128 100

130 30.6 12.9 52.9

64 47.0 24.9 64.9





#9

Benzaldehyde

Concen: 37.293 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

Instrument :

BNA_G

ClientSampleId :

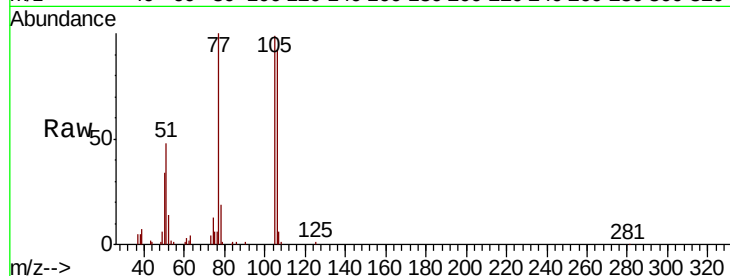
Tot Ion: 77 Resp: 61426

Ion Ratio Lower Upper

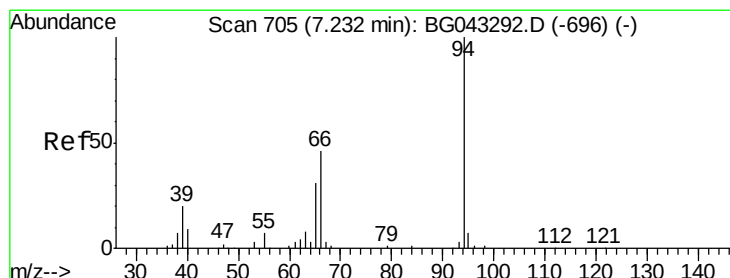
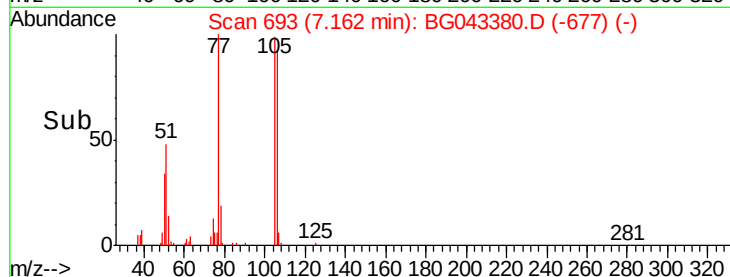
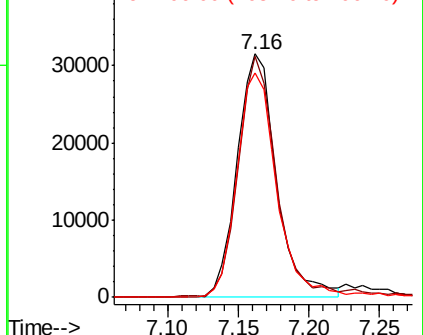
77 100

105 98.9 68.7 108.7

106 92.3 60.5 100.5



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



#10

Phenol

Concen: 46.898 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

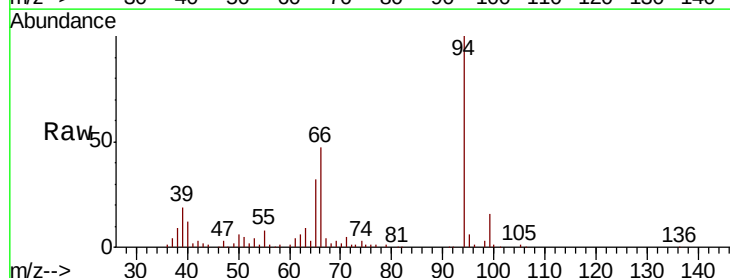
Tgt Ion: 94 Resp: 143635

Ion Ratio Lower Upper

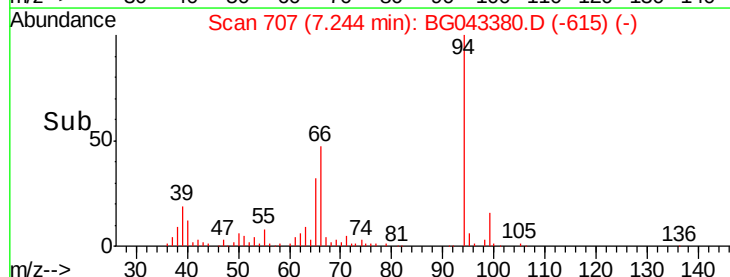
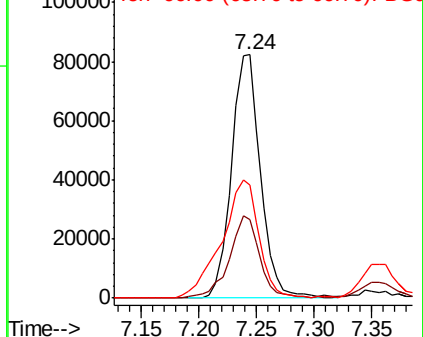
94 100

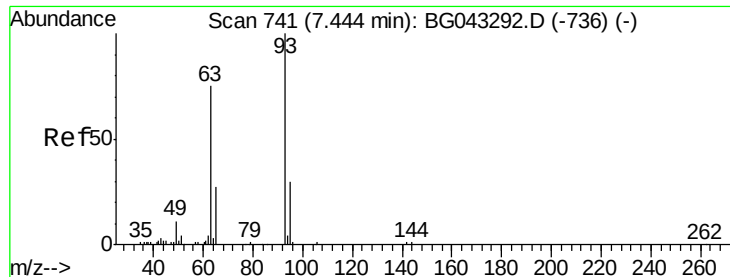
65 32.0 11.1 51.1

66 46.6 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

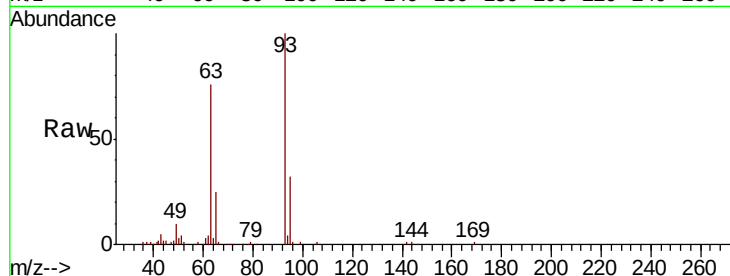




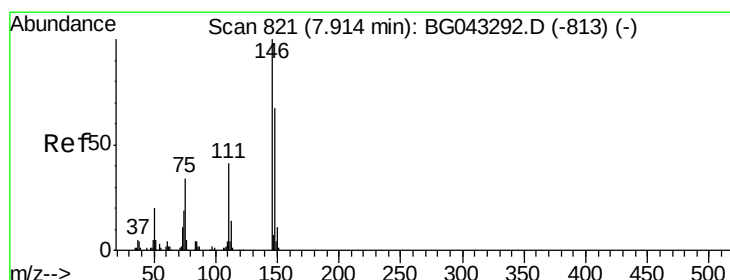
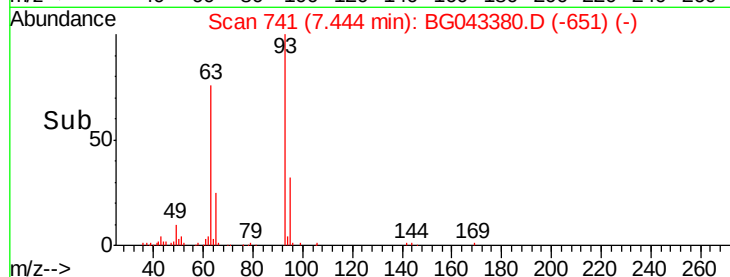
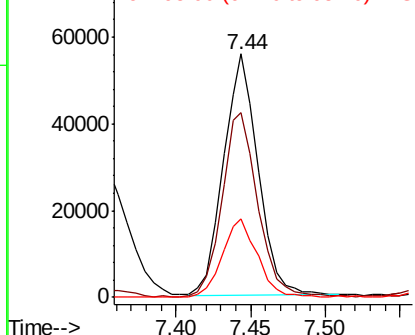
#11
bis(2-Chloroethyl)ether
Concen: 38.109 ng
RT: 7.44 min Scan# 741
Delta R.T. 0.00 min
Lab File: BG043380.D
Acq: 29 Oct 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.7	54.6	94.6
95	32.4	9.7	49.7

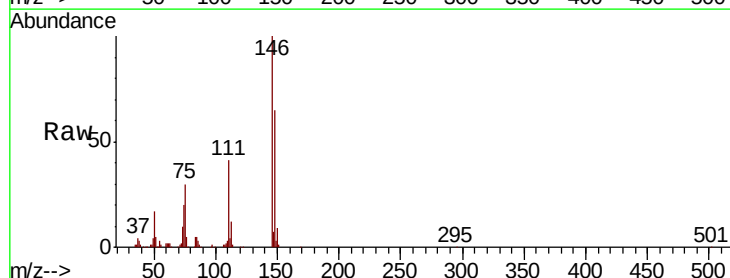


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

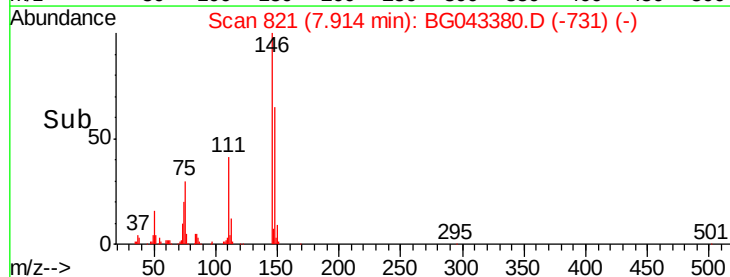
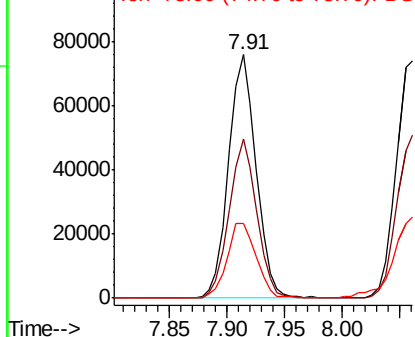


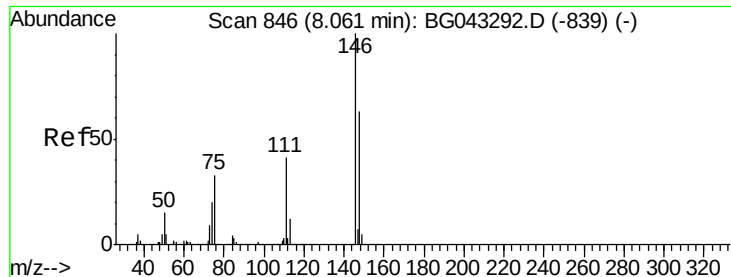
#12
1,3-Dichlorobenzene
Concen: 38.912 ng
RT: 7.91 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG043380.D
Acq: 29 Oct 2019 18:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	53.4	80.2
75	30.5	27.0	40.4



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

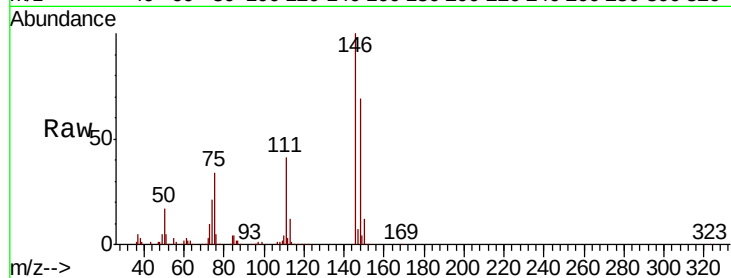




#13
 1,4-Dichlorobenzene
 Concen: 39.381 ng
 RT: 8.06 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BG043380.D
 Acq: 29 Oct 2019 18:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	68.9	50.7	76.1
111	40.8	33.0	49.6

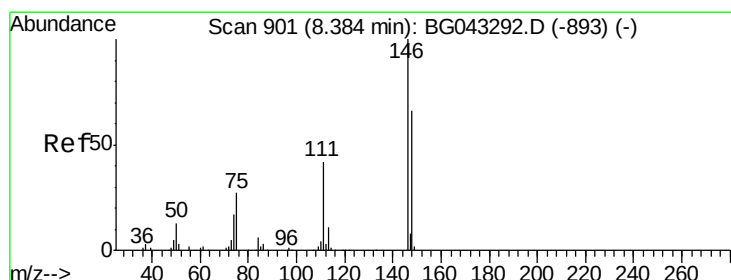
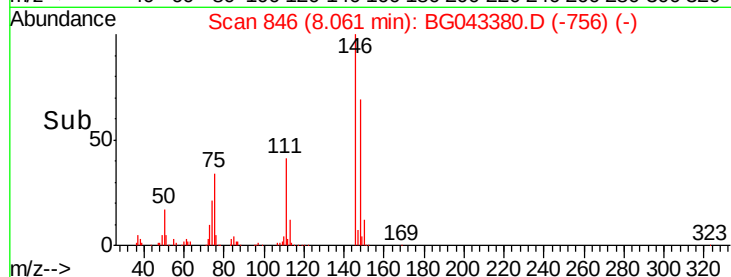
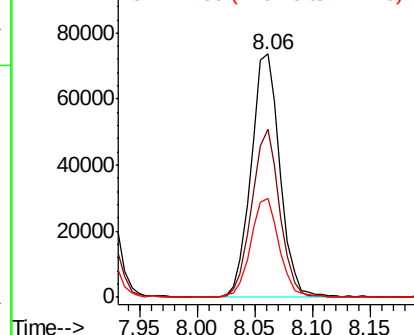


Abundance

Ion 146.00 (145.70 to 146.70): E

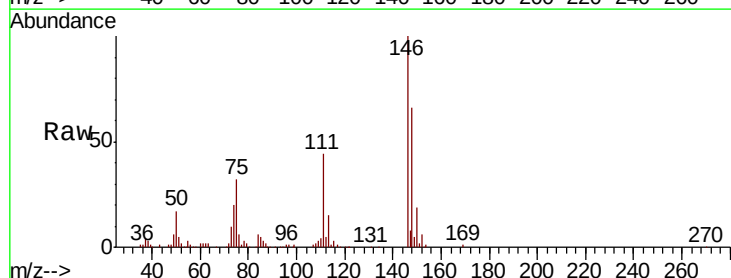
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.146 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG043380.D
 Acq: 29 Oct 2019 18:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	53.0	79.4
111	43.6	34.5	51.7

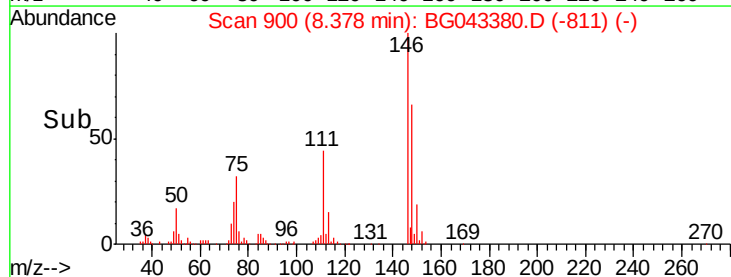
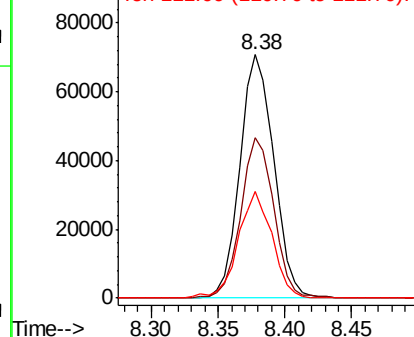


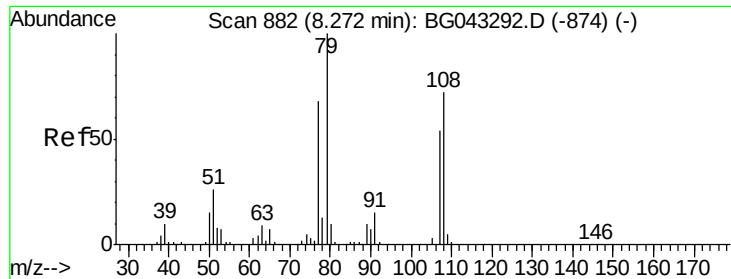
Abundance

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: 40.056 ng

RT: 8.27 min Scan# 882

Delta R.T. 0.00 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

Instrument :

BNA_G

ClientSampleId :

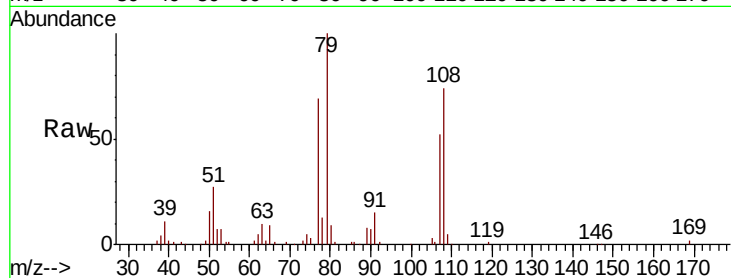
Tot Ion: 79 Resp: 94286

Ion Ratio Lower Upper

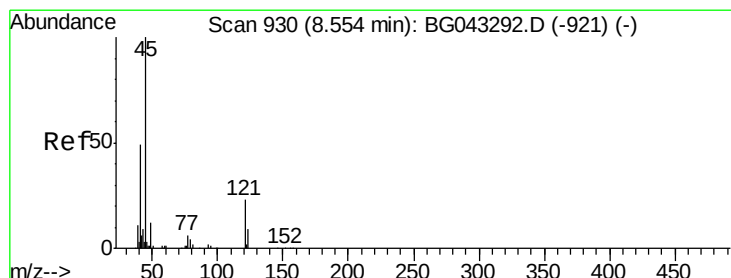
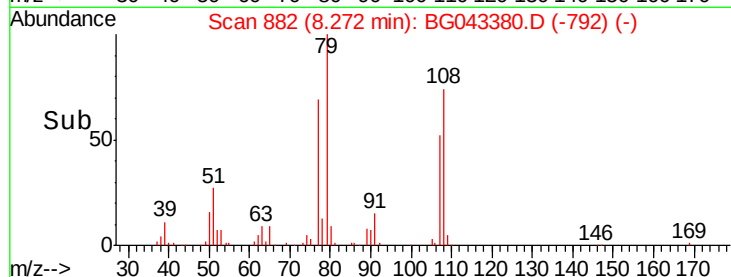
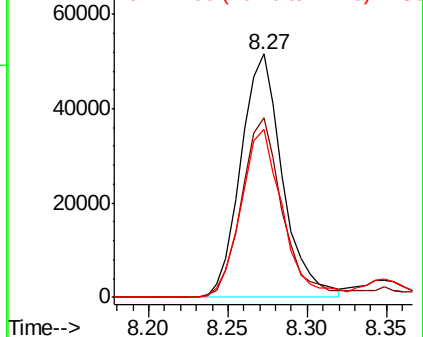
79 100

108 74.0 57.3 85.9

77 68.8 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: 37.056 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

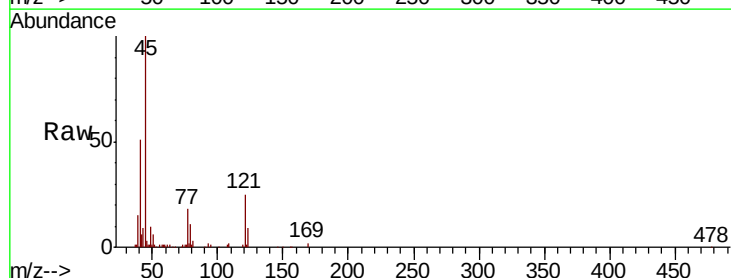
Tgt Ion: 45 Resp: 127587

Ion Ratio Lower Upper

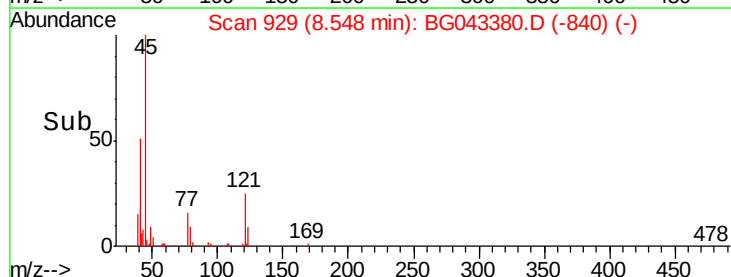
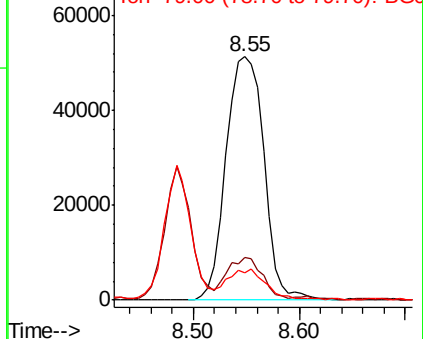
45 100

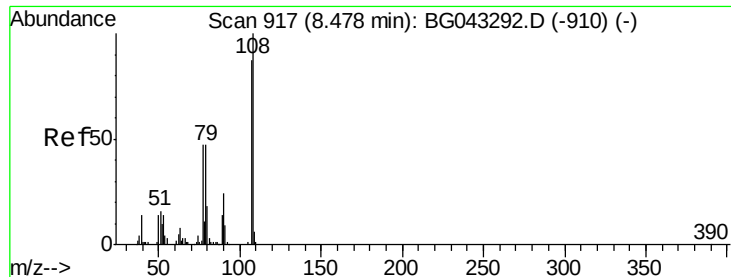
77 17.6 0.0 34.2

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: 42.535 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 94968

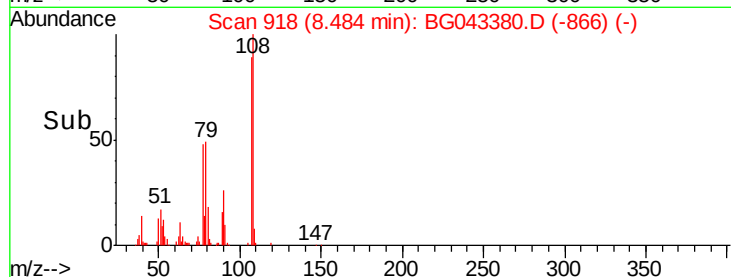
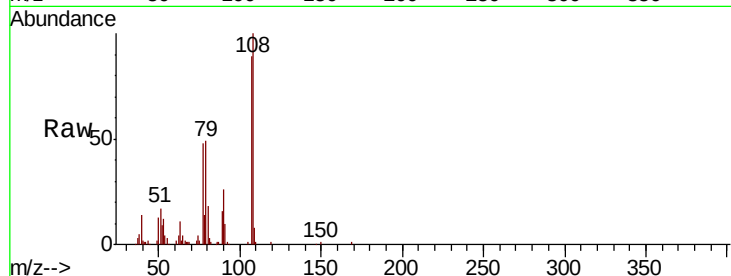
Ion Ratio Lower Upper

107 100

108 112.5 91.3 136.9

77 54.5 43.0 64.6

79 54.8 43.4 65.2

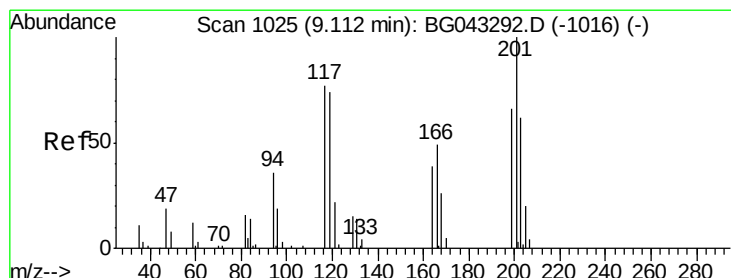
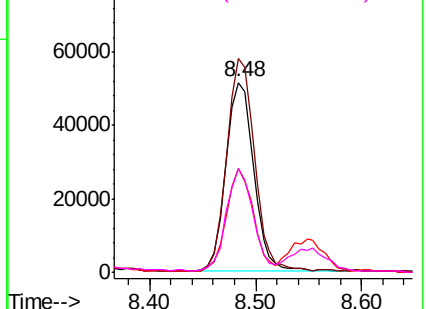


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.295 ng

RT: 9.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

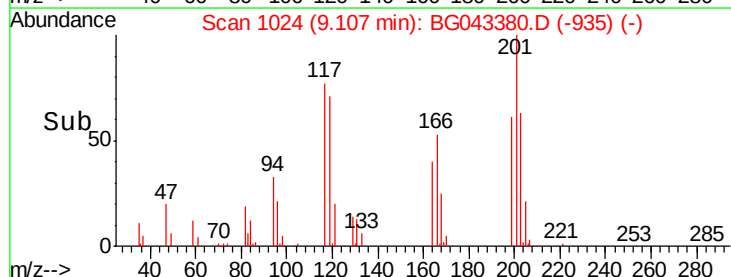
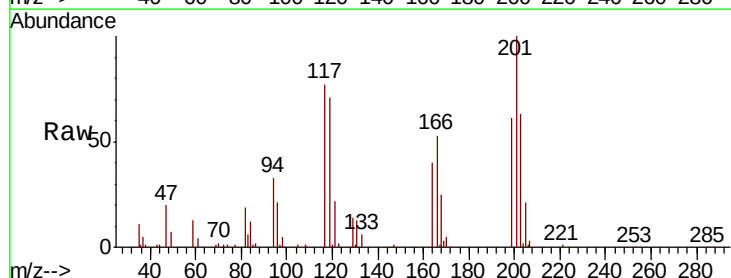
Tgt Ion:117 Resp: 45038

Ion Ratio Lower Upper

117 100

119 92.7 77.3 115.9

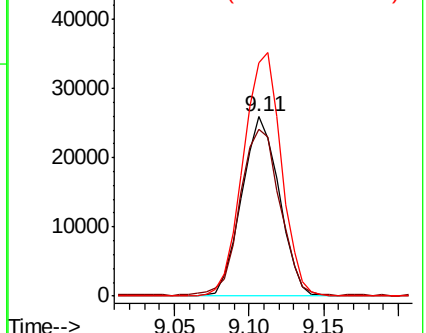
201 129.9 104.2 156.4

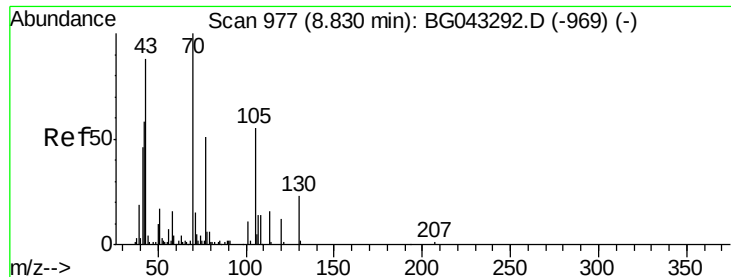


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

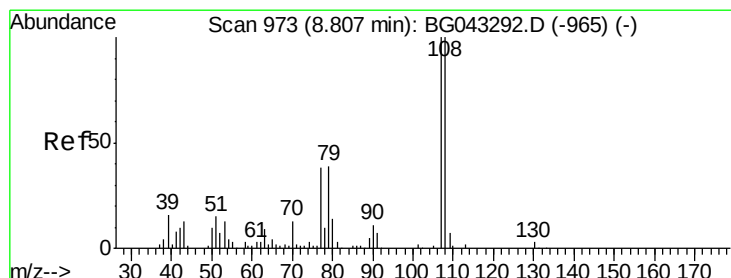
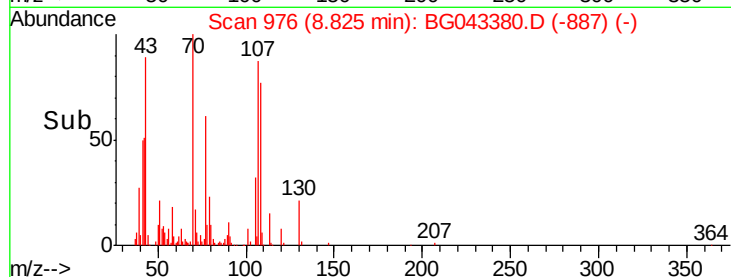
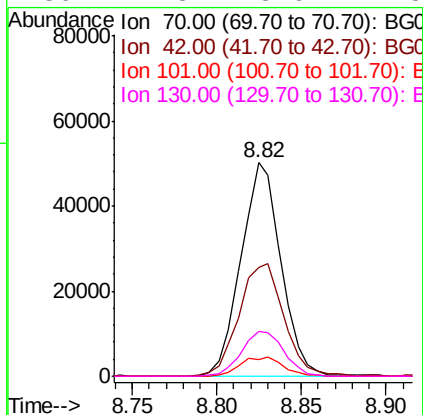
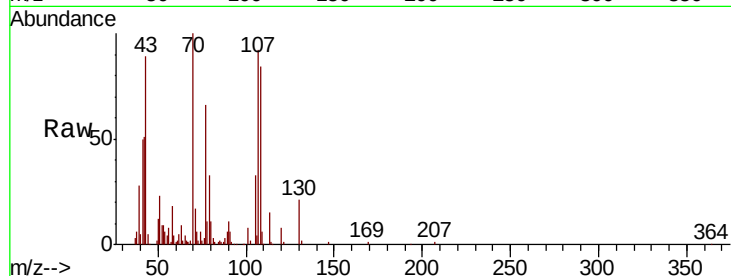




#19
n-Nitroso-di-n-propylamine
Concen: 38.111 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG043380.D
Acq: 29 Oct 2019 18:58

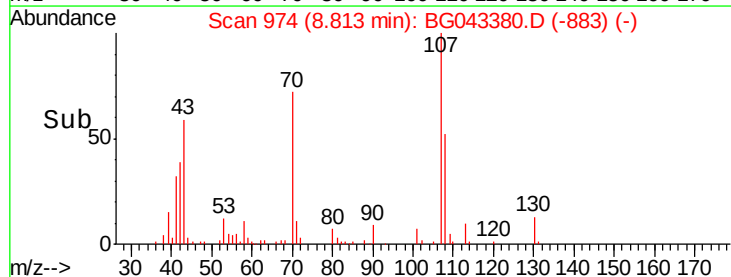
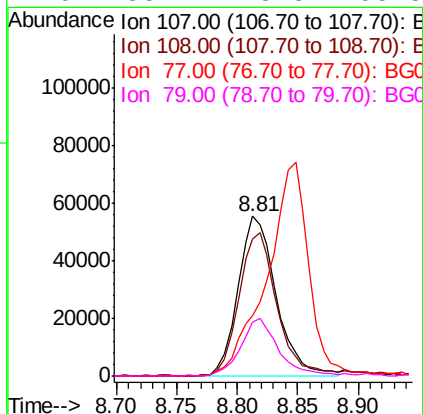
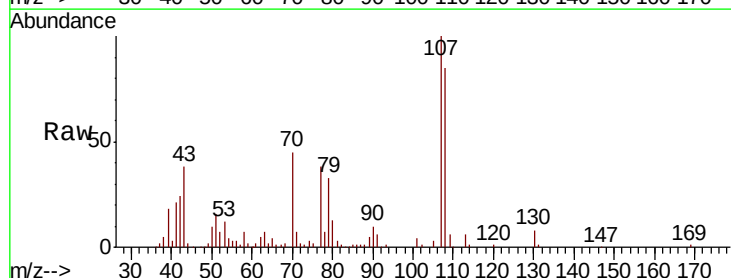
Instrument :
BNA_G
ClientSampleId :

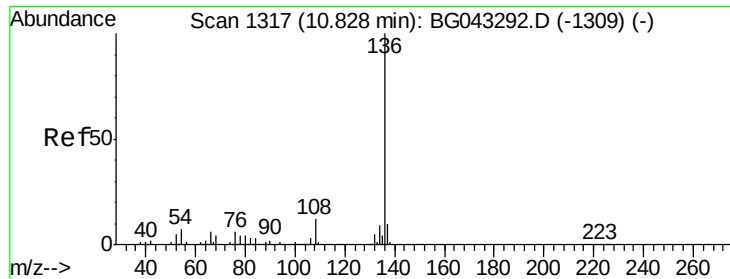
Tot Ion:	70	Resp:	82538
Ion	Ratio	Lower	Upper
70	100		
42	50.9	46.2	69.2
101	7.7	8.6	13.0#
130	21.3	18.6	27.8



#20
3+4-Methylphenols
Concen: 39.985 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.01 min
Lab File: BG043380.D
Acq: 29 Oct 2019 18:58

Tgt Ion:	107	Resp:	122418
Ion	Ratio	Lower	Upper
107	100		
108	85.4	80.3	120.3
77	37.6	18.2	58.2
79	33.4	18.8	58.8

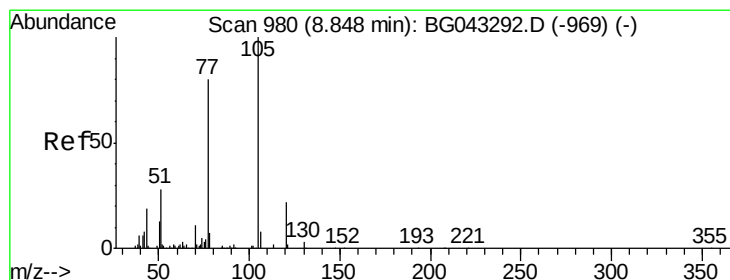
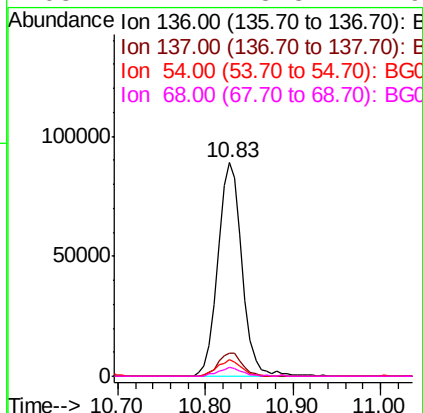
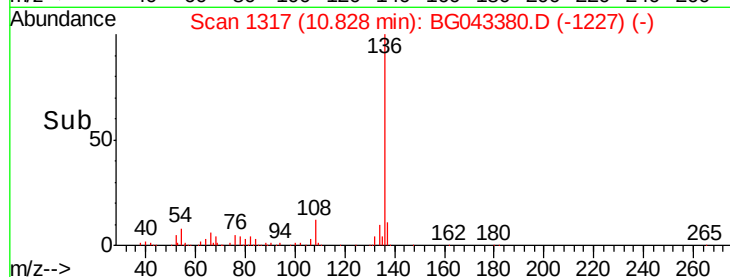
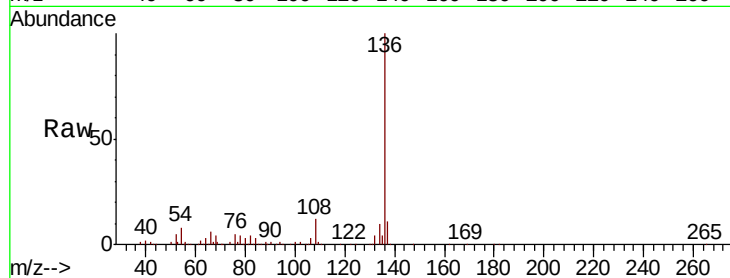




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG043380.D
Acq: 29 Oct 2019 18:58

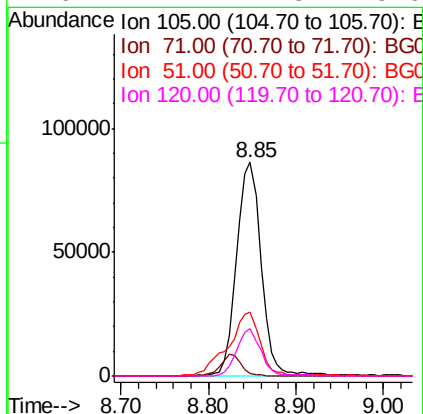
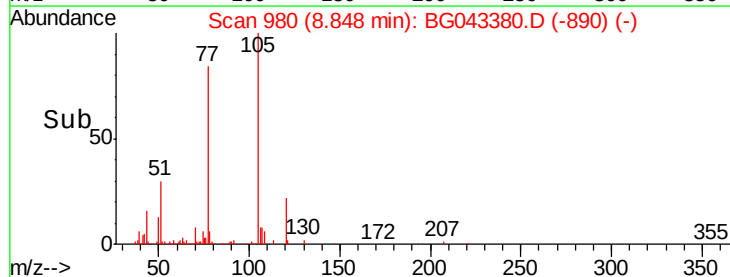
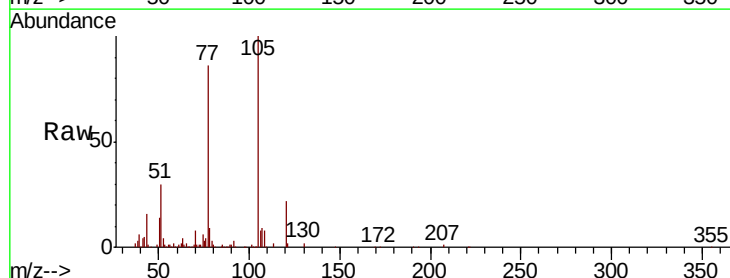
Instrument :
BNA_G
ClientSampleId :

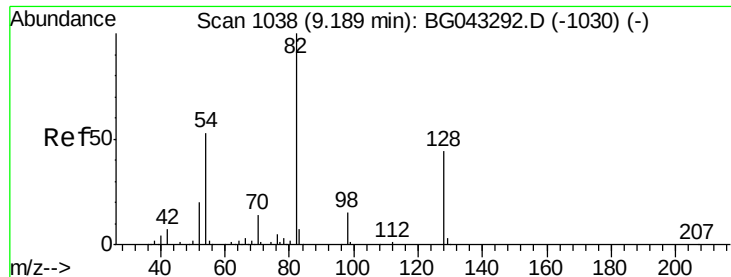
Tot Ion:136	Resp:	169650
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.2	12.2
54 7.6	5.4	8.2
68 4.1	3.3	4.9



#22
Acetophenone
Concen: 37.658 ng
RT: 8.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG043380.D
Acq: 29 Oct 2019 18:58

Tgt	Ion:105	Resp:	163607
Ion	Ratio	Lower	Upper
105	100		
71	1.4	1.5	2.3#
51	30.3	23.9	35.9
120	22.4	17.3	25.9

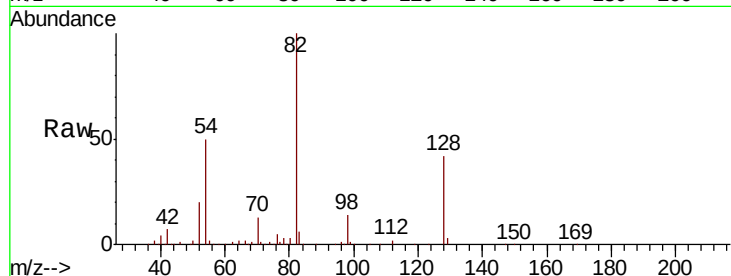




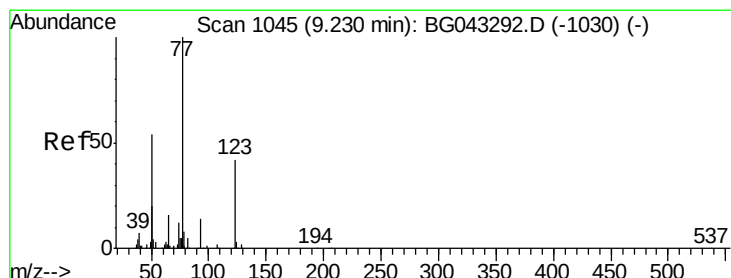
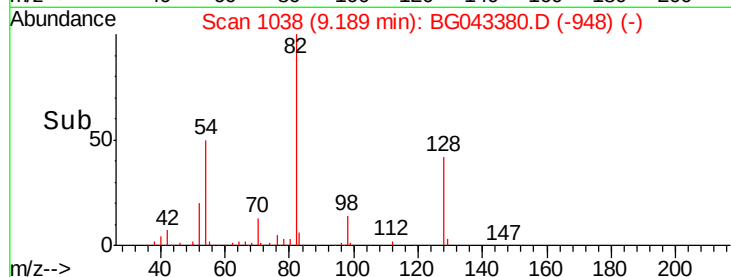
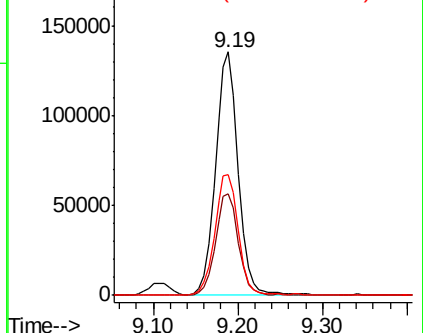
#23
 Nitrobenzene-d5
 Concen: 76.400 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BG043380.D
 Acq: 29 Oct 2019 18:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	251409
Ion Ratio	100	Lower	Upper
128	41.9	35.3	52.9
54	49.8	42.3	63.5

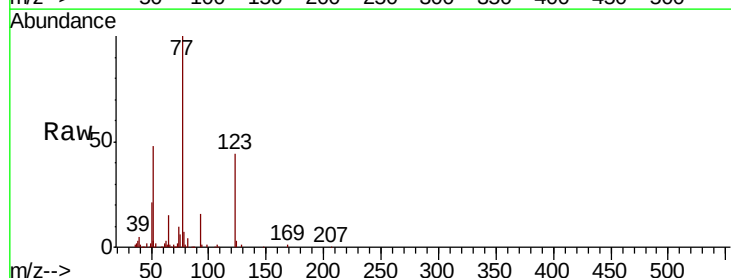


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

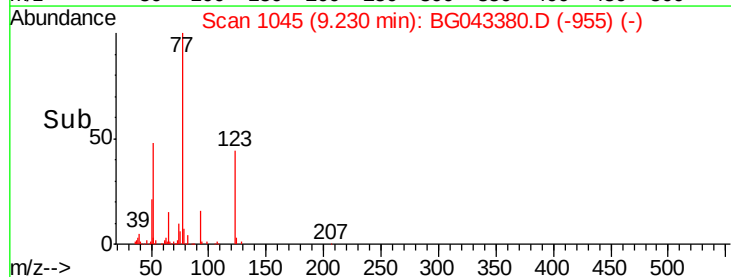
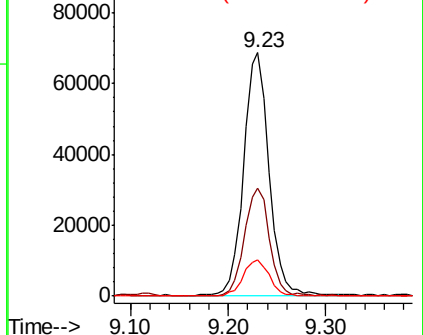


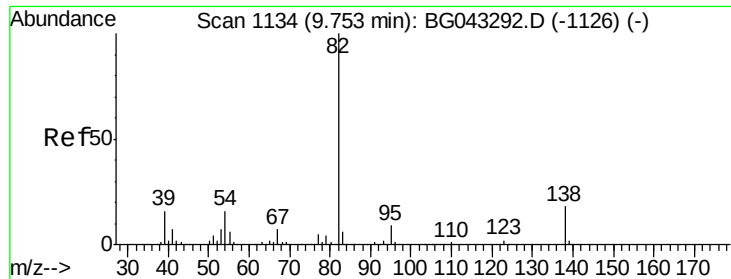
#24
 Nitrobenzene
 Concen: 40.212 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BG043380.D
 Acq: 29 Oct 2019 18:58

Tgt Ion	77	Resp	126055
Ion Ratio	100	Lower	Upper
123	44.5	33.8	50.8
65	14.8	13.0	19.4



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





#25

Isophorone

Concen: 38.674 ng

RT: 9.75 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

Instrument :

BNA_G

ClientSampleId :

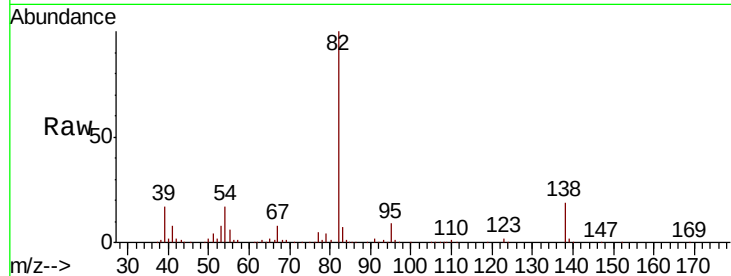
Tot Ion: 82 Resp: 232676

Ion Ratio Lower Upper

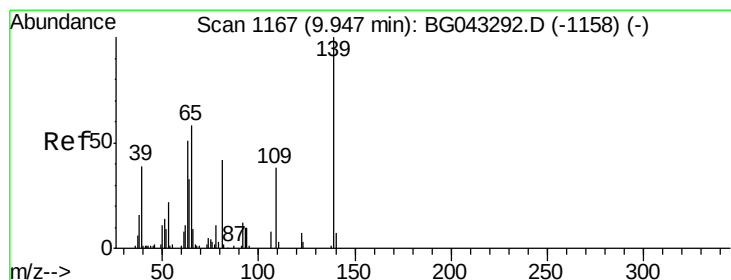
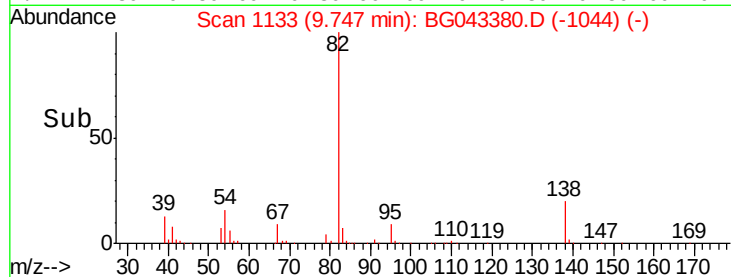
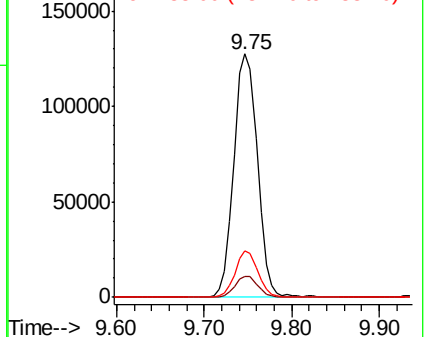
82 100

95 8.6 6.9 10.3

138 19.3 14.2 21.2



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



#26

2-Nitrophenol

Concen: 42.707 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

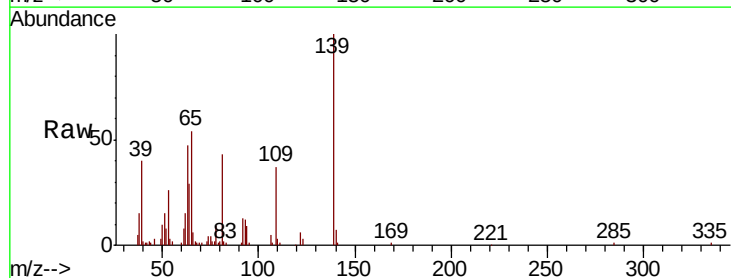
Tgt Ion: 139 Resp: 64633

Ion Ratio Lower Upper

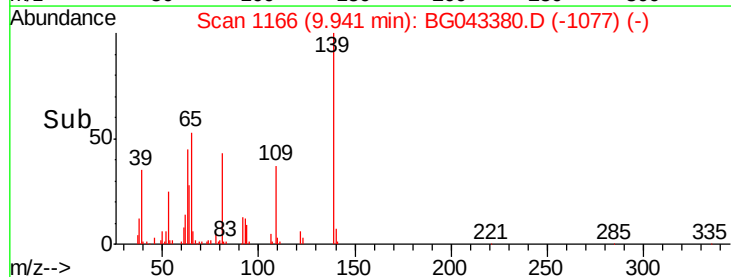
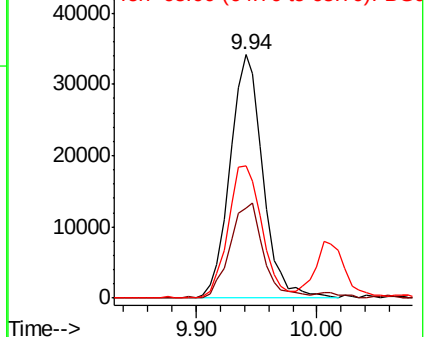
139 100

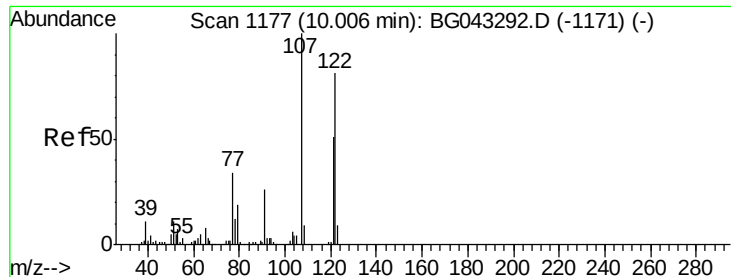
109 36.9 30.1 45.1

65 54.4 46.1 69.1



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





#27

2,4-Dimethylphenol

Concen: 47.540 ng

RT: 10.01 min Scan# 1178

Delta R.T. 0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

Instrument :

BNA_G

ClientSampled :

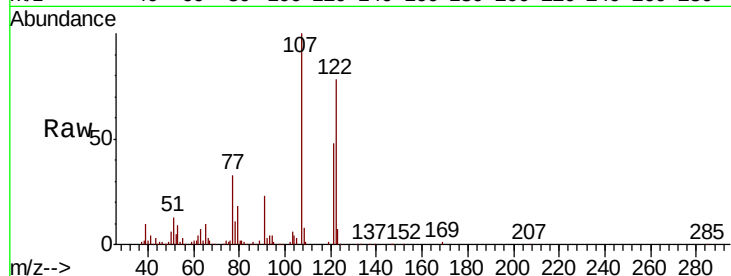
Tot Ion:122 Resp: 103121

Ion Ratio Lower Upper

122 100

107 128.3 98.6 147.8

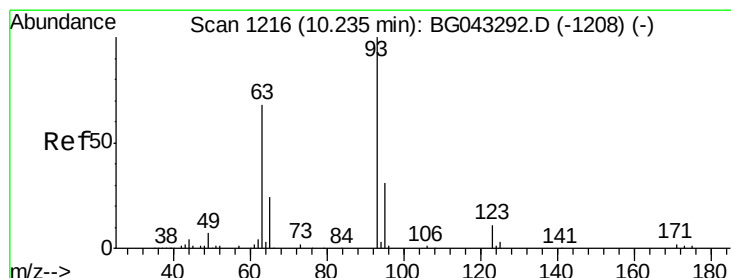
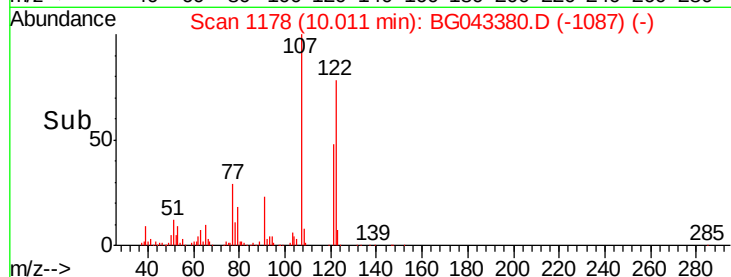
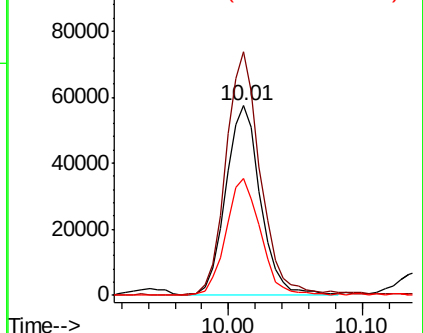
121 61.6 50.1 75.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.736 ng

RT: 10.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

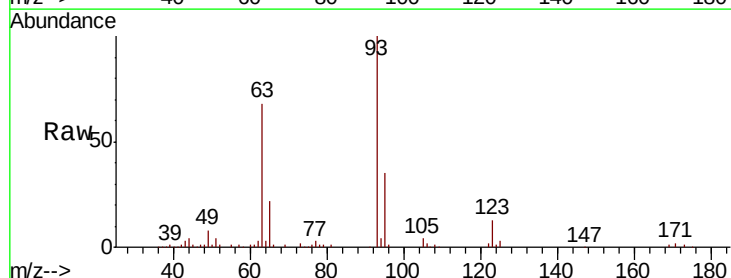
Tgt Ion: 93 Resp: 125303

Ion Ratio Lower Upper

93 100

95 34.8 24.9 37.3

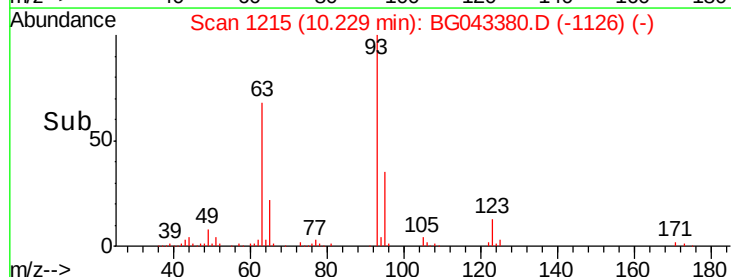
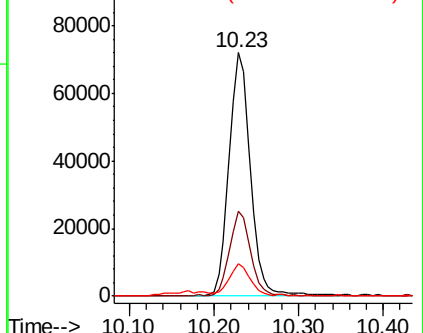
123 13.2 8.9 13.3

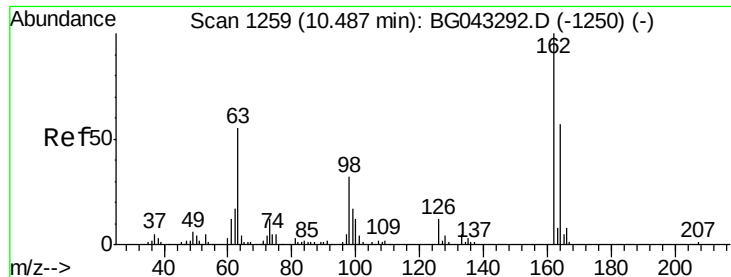


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

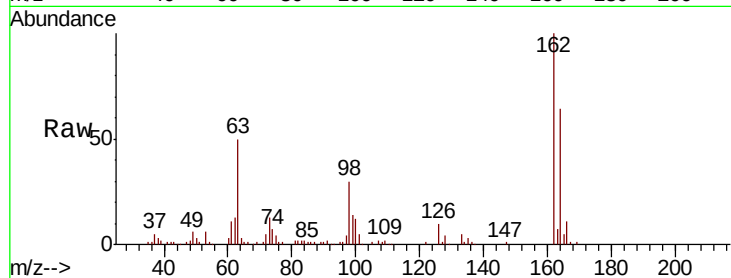




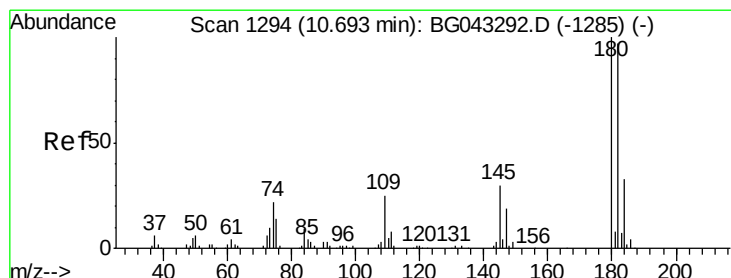
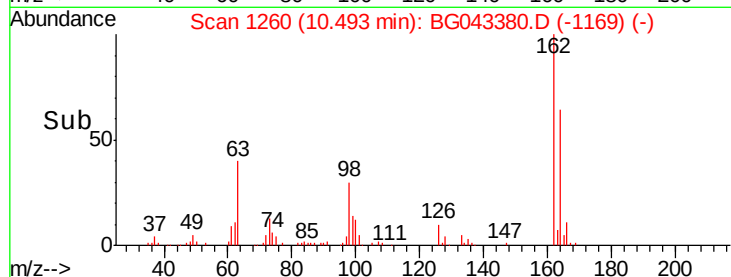
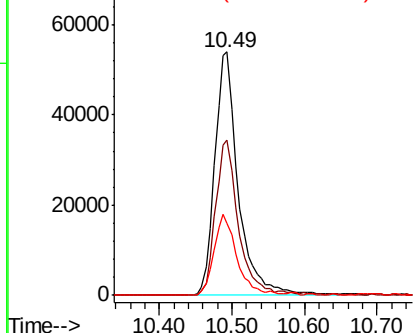
#29
 2,4-Dichlorophenol
 Concen: 43.586 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. 0.01 min
 Lab File: BG043380.D
 Acq: 29 Oct 2019 18:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	37.3	77.3
98	29.9	11.8	51.8

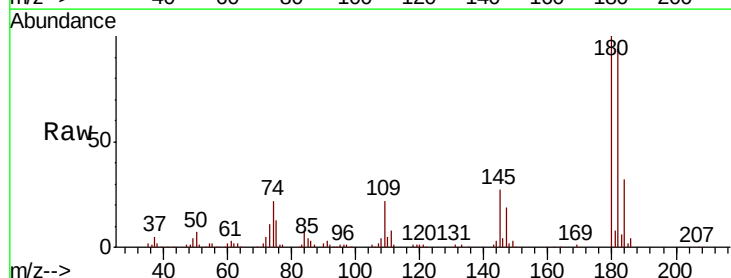


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

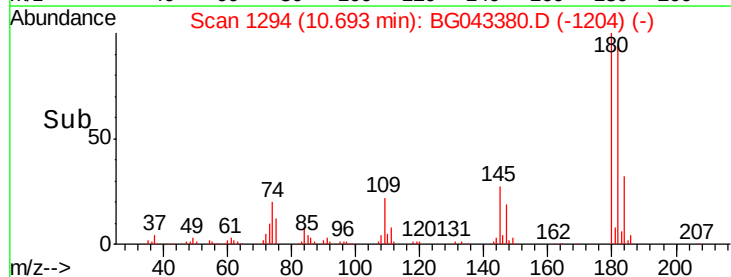
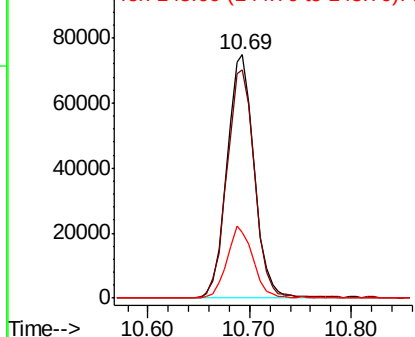


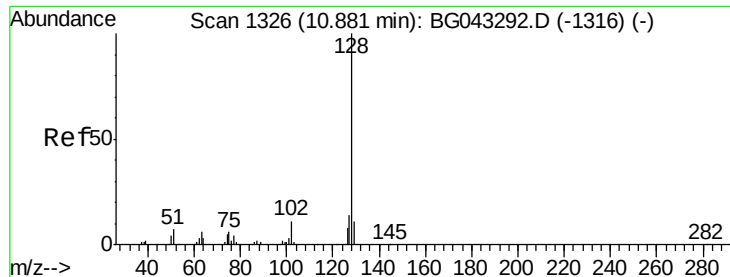
#30
 1,2,4-Trichlorobenzene
 Concen: 39.600 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BG043380.D
 Acq: 29 Oct 2019 18:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	77.8	116.8
145	27.2	23.6	35.4



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

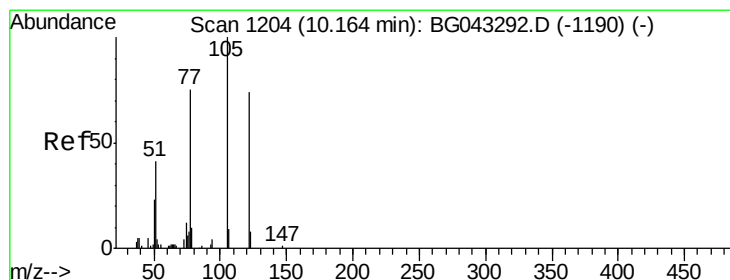
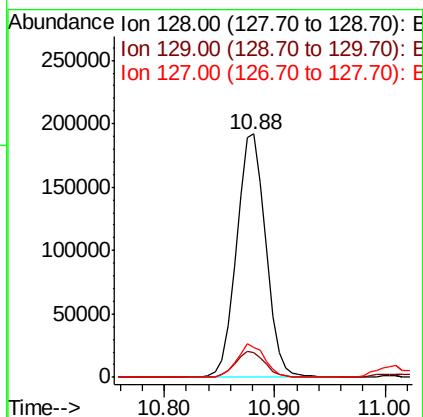
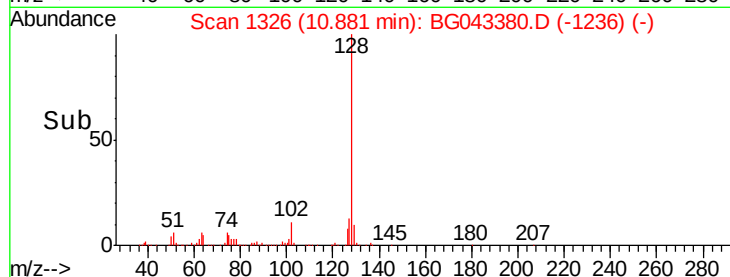
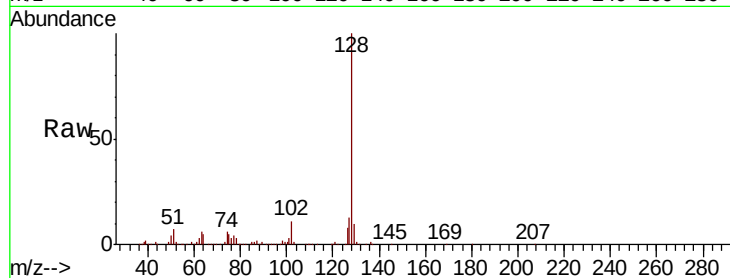




#31
Naphthalene
Concen: 41.445 ng
RT: 10.88 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG043380.D
Acq: 29 Oct 2019 18:58

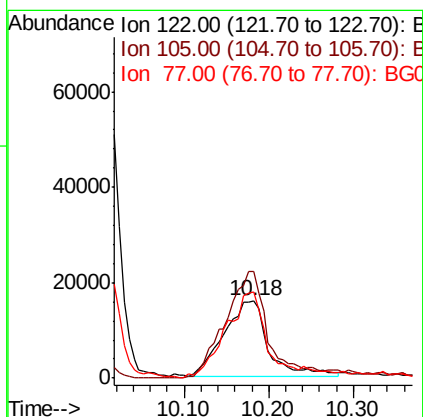
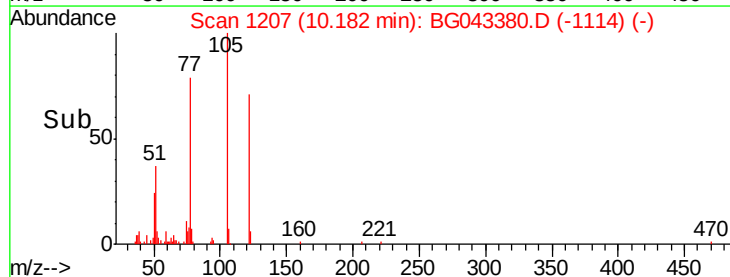
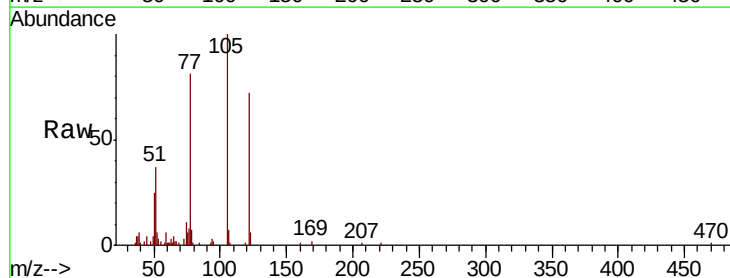
Instrument :
BNA_G
ClientSampleId :

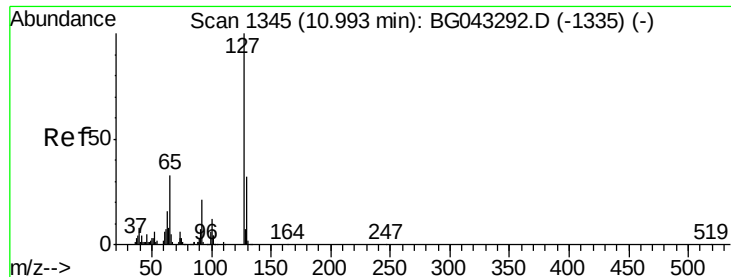
Tot Ion:128 Resp: 356898
Ion Ratio Lower Upper
128 100
129 10.0 8.6 12.8
127 12.5 11.5 17.3



#32
Benzoic acid
Concen: 37.141 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.02 min
Lab File: BG043380.D
Acq: 29 Oct 2019 18:58

Tgt Ion:122 Resp: 57336
Ion Ratio Lower Upper
122 100
105 138.6 112.4 152.4
77 112.1 82.7 122.7

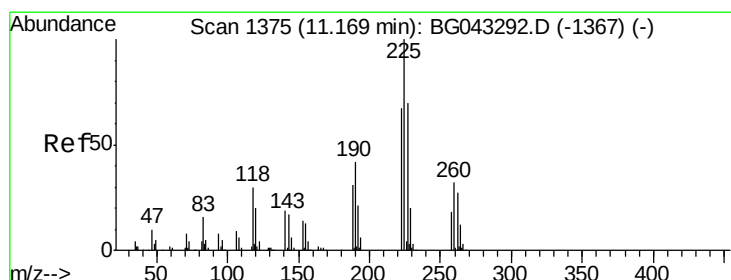
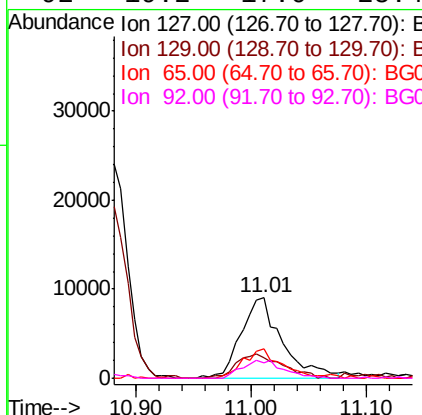
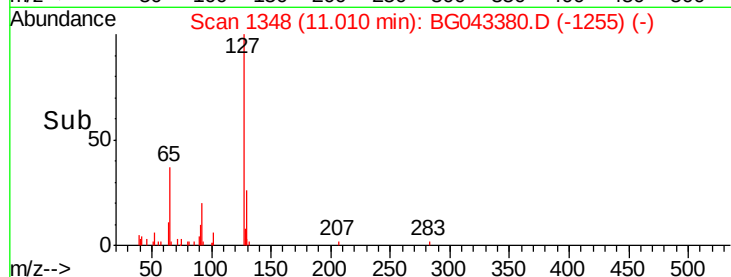
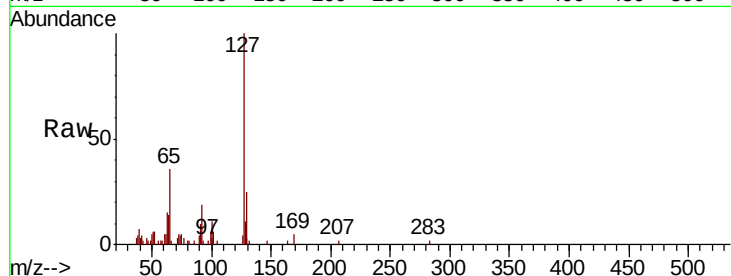




#33
4-Chloroaniline
Concen: 6.329 ng
RT: 11.01 min Scan# 1348
Delta R.T. 0.02 min
Lab File: BG043380.D
Acq: 29 Oct 2019 18:58

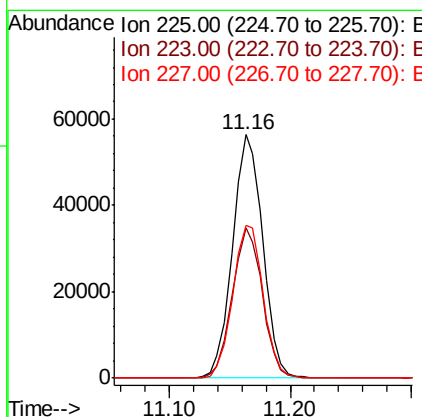
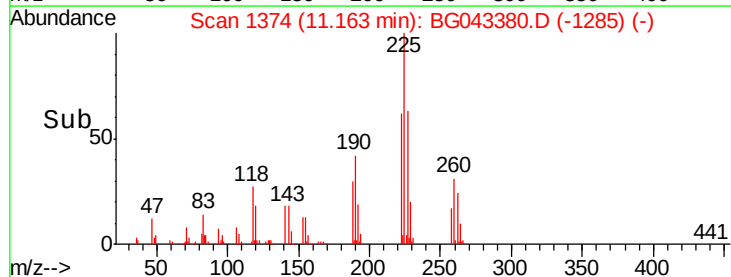
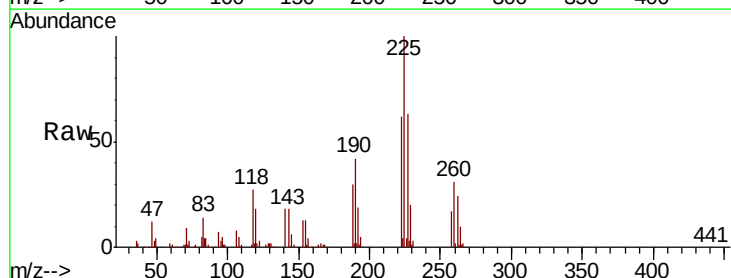
Instrument :
BNA_G
ClientSampleId :

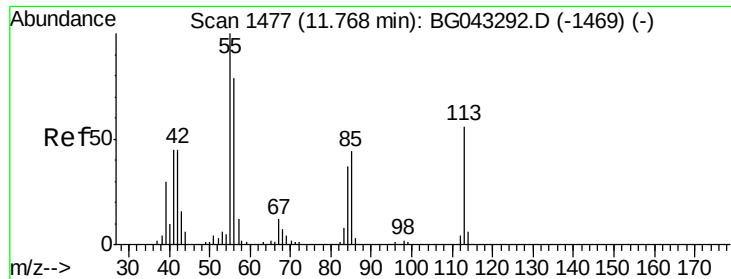
Tot Ion:127 Resp: 22340
Ion Ratio Lower Upper
127 100
129 25.1 25.8 38.8#
65 36.3 26.2 39.2
92 19.2 17.0 25.4



#34
Hexachlorobutadiene
Concen: 37.833 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG043380.D
Acq: 29 Oct 2019 18:58

Tgt Ion:225 Resp: 97964
Ion Ratio Lower Upper
225 100
223 61.5 53.2 79.8
227 62.6 56.2 84.2





#35

Caprolactam

Concen: 15.674 ng

RT: 11.81 min Scan# 1484

Delta R.T. 0.04 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

Instrument :

BNA_G

ClientSampleId :

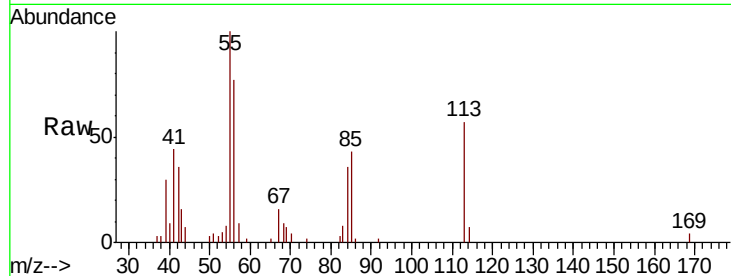
Tot Ion:113 Resp: 15003

Ion Ratio Lower Upper

113 100

55 174.5 158.9 198.9

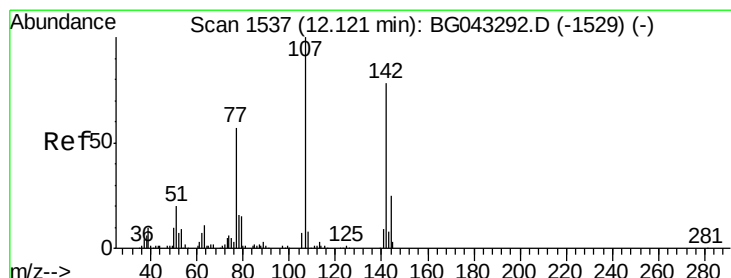
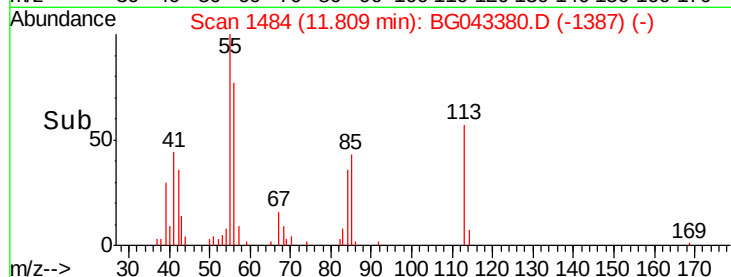
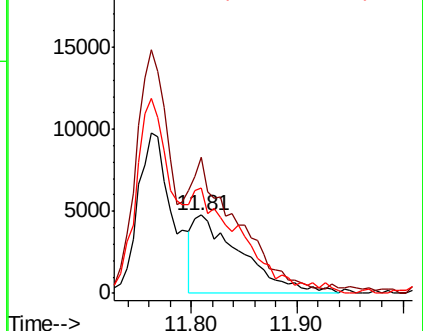
56 134.2 121.4 161.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 41.026 ng

RT: 12.13 min Scan# 1539

Delta R.T. 0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

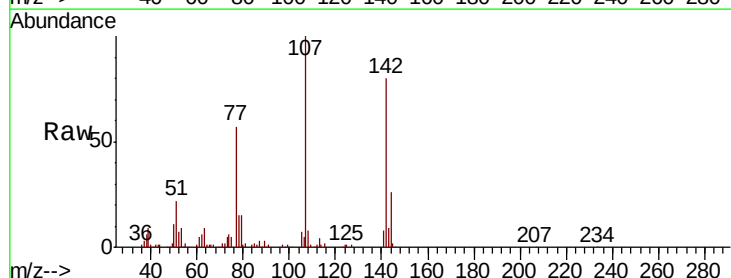
Tgt Ion:107 Resp: 124373

Ion Ratio Lower Upper

107 100

144 25.7 19.9 29.9

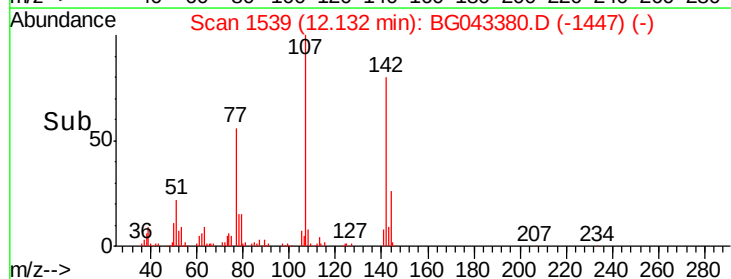
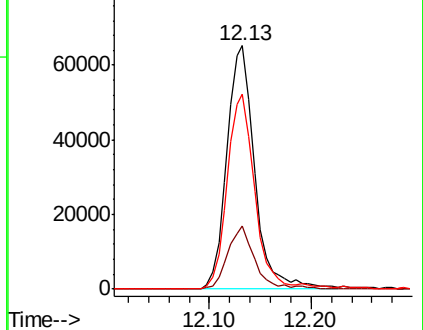
142 80.0 62.1 93.1

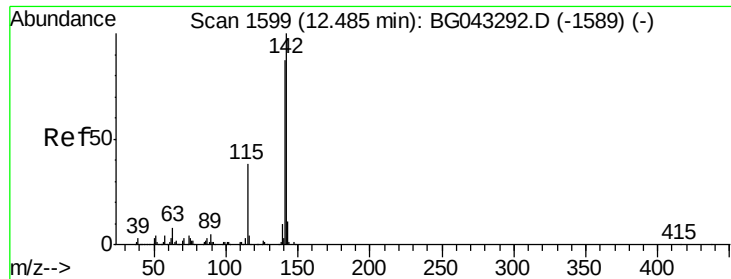


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

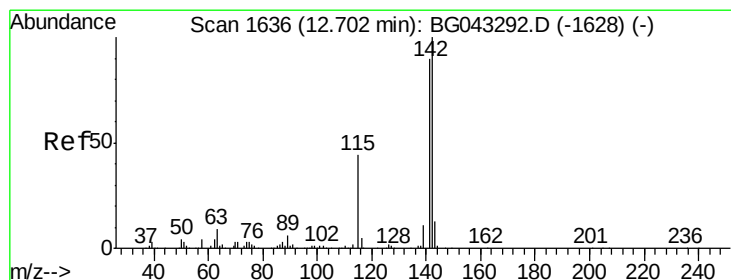
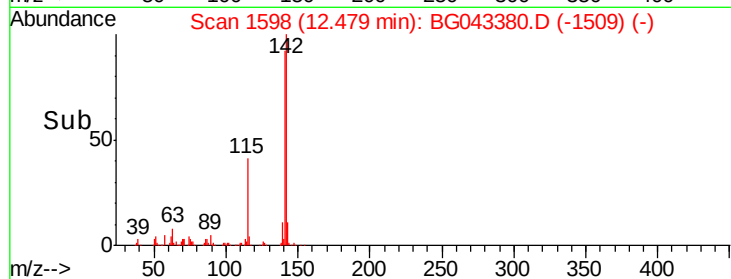
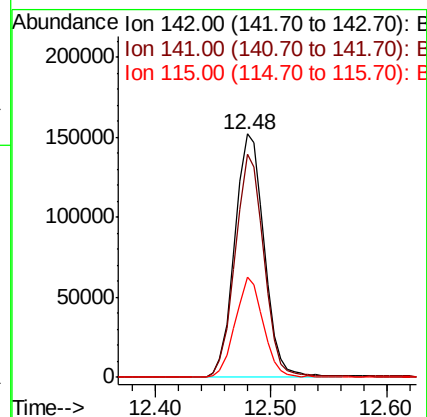
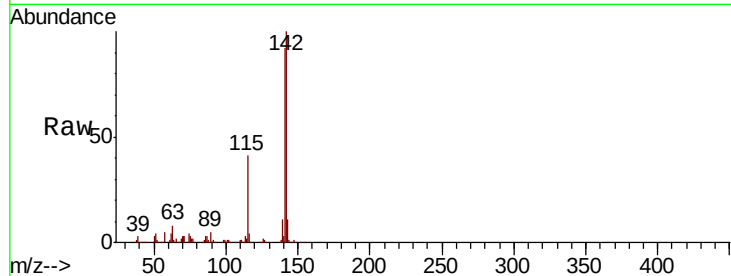




#37
2-Methylnaphthalene
Concen: 40.994 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BG043380.D
Acq: 29 Oct 2019 18:58

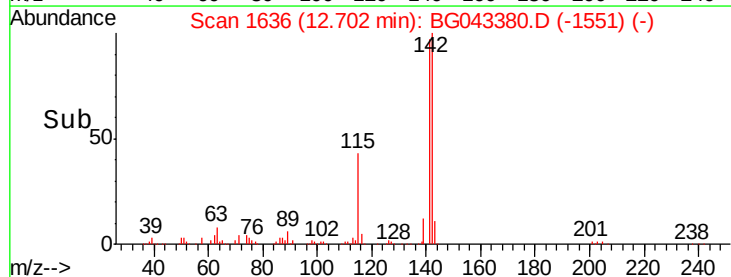
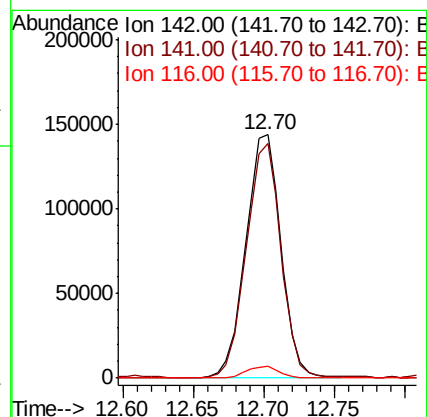
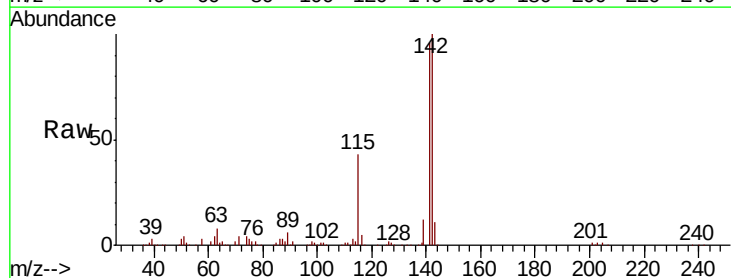
Instrument :
BNA_G
ClientSampleId :

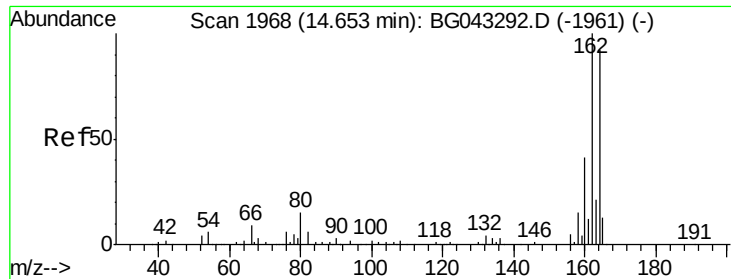
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.9	69.7	104.5
115	41.4	30.6	46.0



#38
1-Methylnaphthalene
Concen: 39.897 ng
RT: 12.70 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BG043380.D
Acq: 29 Oct 2019 18:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.3	72.3	108.5
116	4.8	3.8	5.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

Instrument :

BNA_G

ClientSampleId :

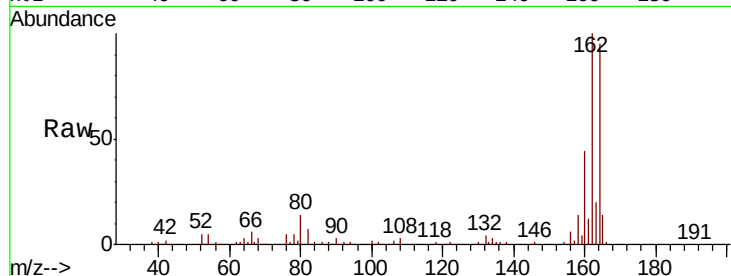
Tot Ion:164 Resp: 120330

Ion Ratio Lower Upper

164 100

162 105.5 87.0 130.4

160 46.4 35.5 53.3

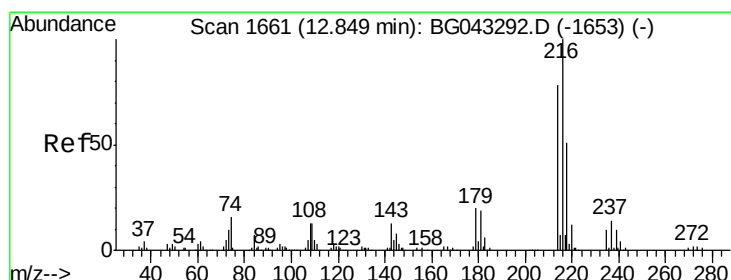
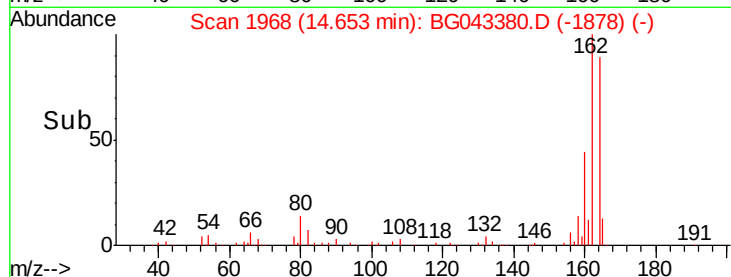
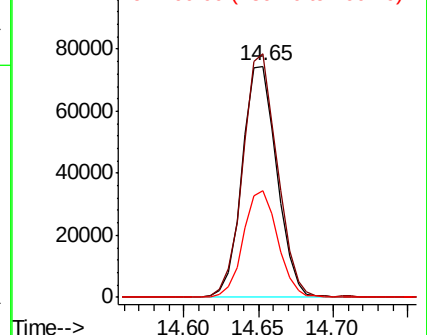


Abundance

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: 38.396 ng

RT: 12.85 min Scan# 1661

Delta R.T. 0.00 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

Tgt Ion:216 Resp: 170987

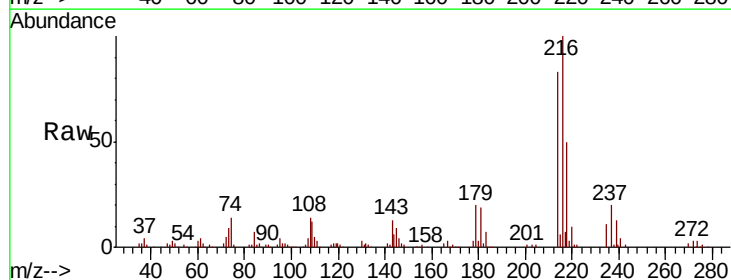
Ion Ratio Lower Upper

216 100

214 79.4 63.5 95.3

179 19.7 16.2 24.2

108 16.3 11.2 16.8



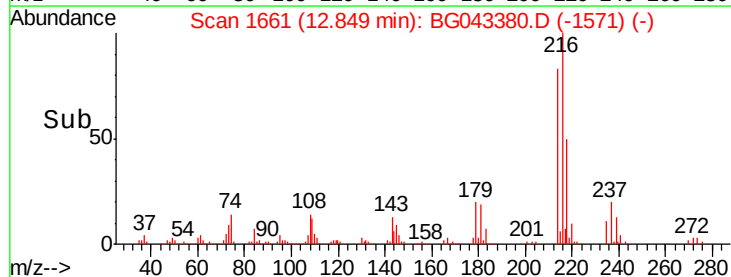
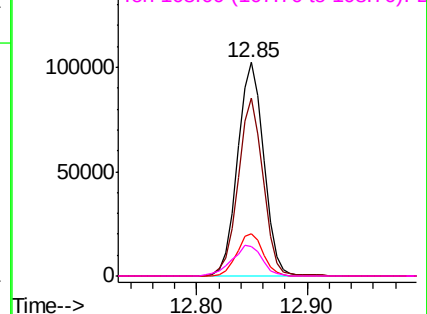
Abundance

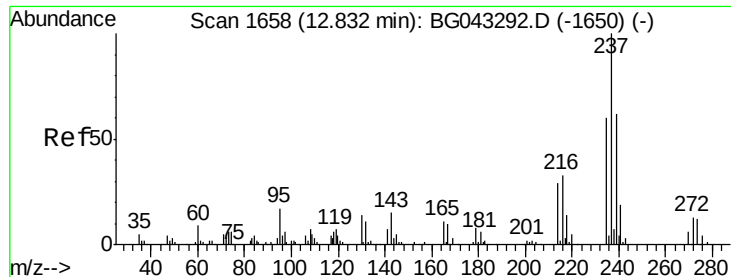
Ion 216.00 (215.70 to 216.70): E

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: 81.168 ng

RT: 12.83 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

Instrument :

BNA_G

ClientSampleId :

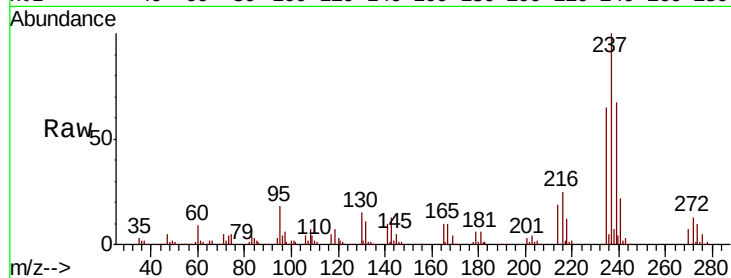
Tot Ion:237 Resp: 189876

Ion Ratio Lower Upper

237 100

235 65.4 40.3 80.3

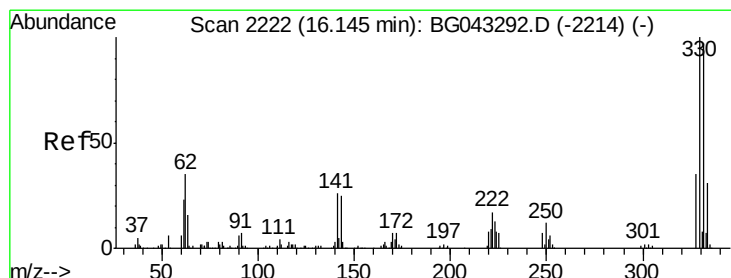
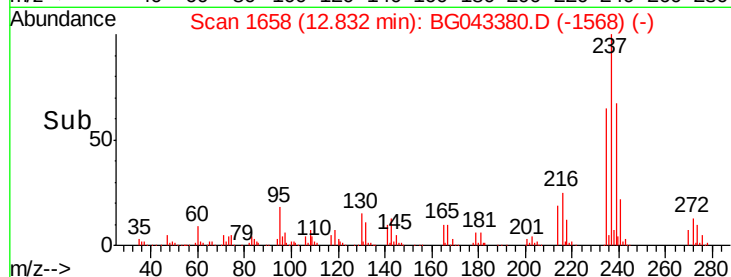
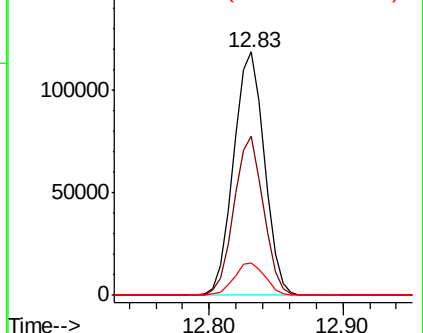
272 13.3 0.0 32.9



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: 107.624 ng

RT: 16.15 min Scan# 2222

Delta R.T. 0.00 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

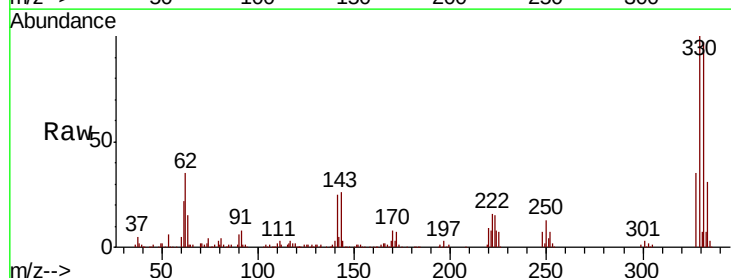
Tgt Ion:330 Resp: 246446

Ion Ratio Lower Upper

330 100

332 98.1 76.4 114.6

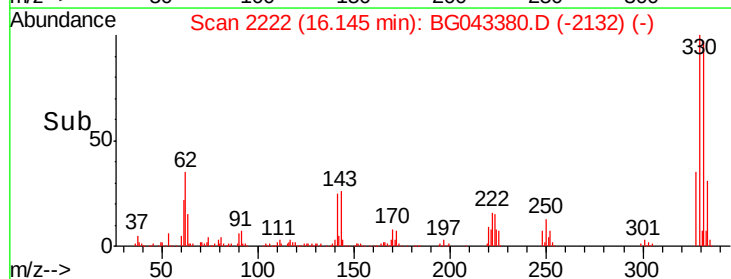
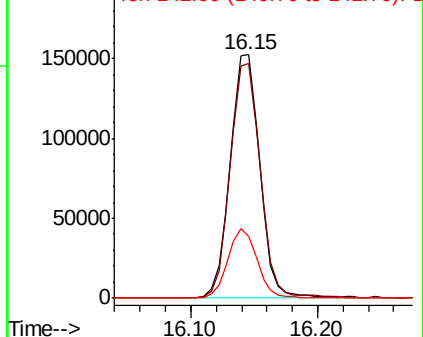
141 28.4 21.4 32.0

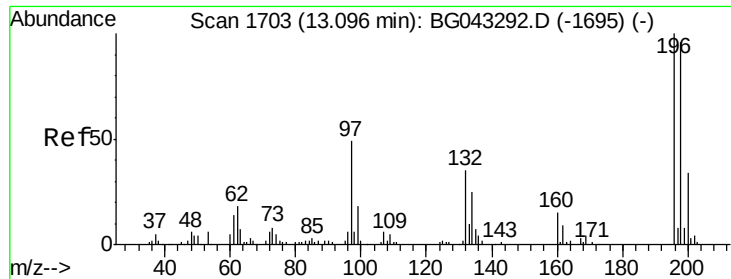


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

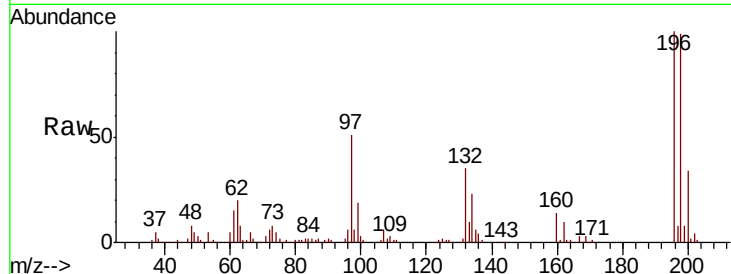




#43
 2,4,6-Trichlorophenol
 Concen: 42.074 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. 0.00 min
 Lab File: BG043380.D
 Acq: 29 Oct 2019 18:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	110340
Ion Ratio	Lower	Upper	
196	100		
198	99.0	77.0	115.4
200	33.8	27.4	41.2

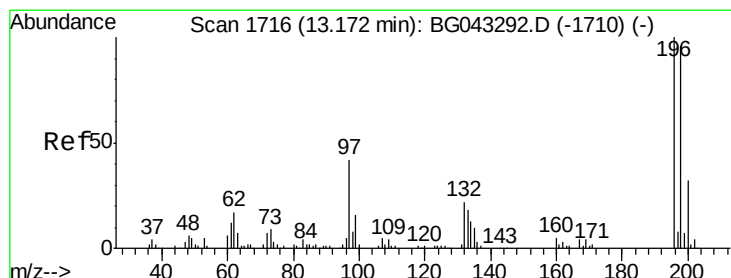
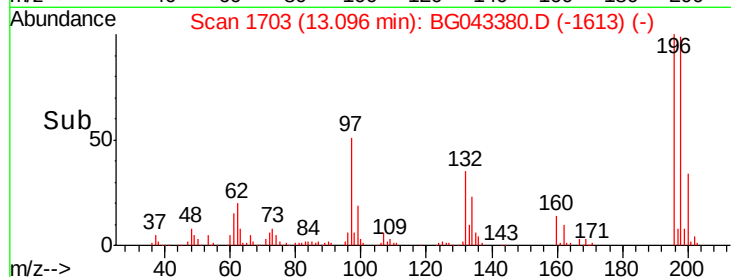
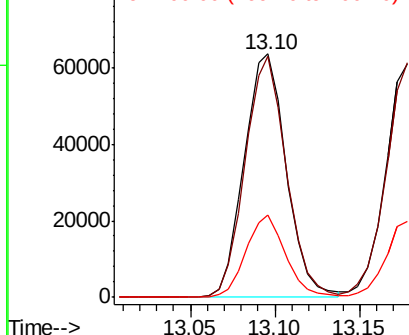


Abundance

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: 44.984 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.01 min
 Lab File: BG043380.D
 Acq: 29 Oct 2019 18:58

Tgt Ion	196	Resp	119269
Ion Ratio	Lower	Upper	
196	100		
198	100.7	76.6	114.8
97	43.8	34.1	51.1
132	22.7	18.2	27.4

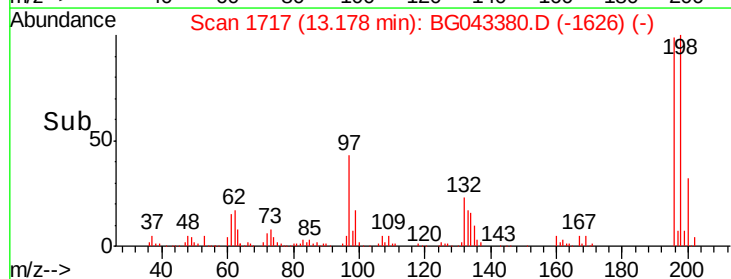
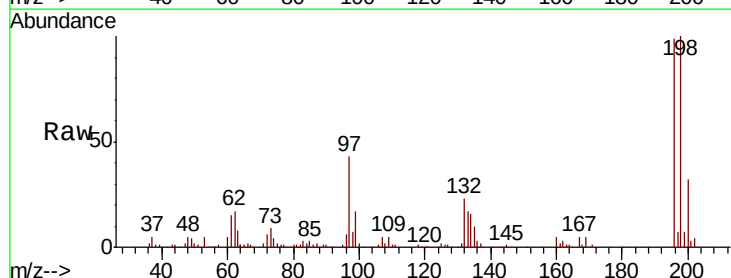
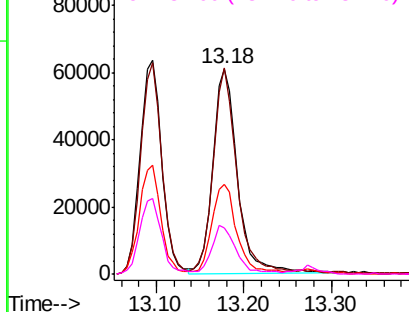
Abundance

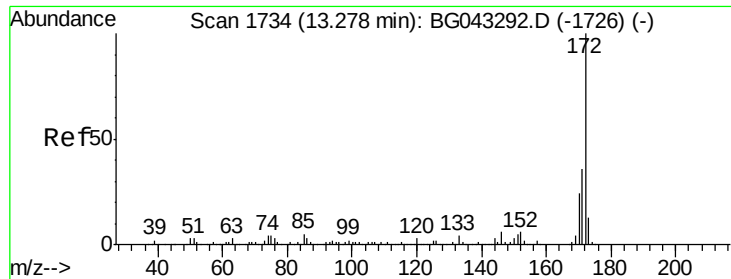
Ion 196.00 (195.70 to 196.70): E

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

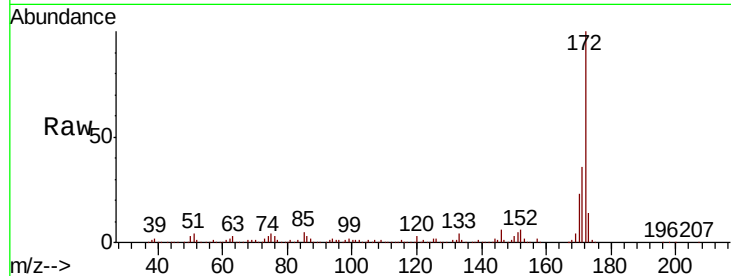




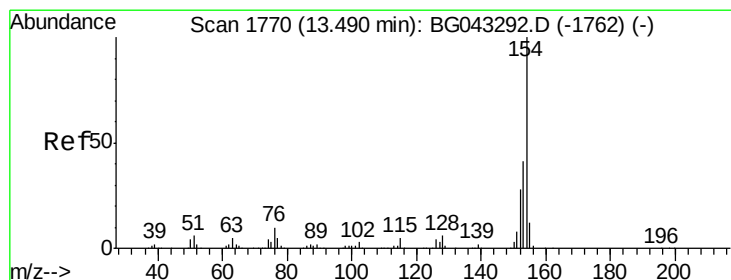
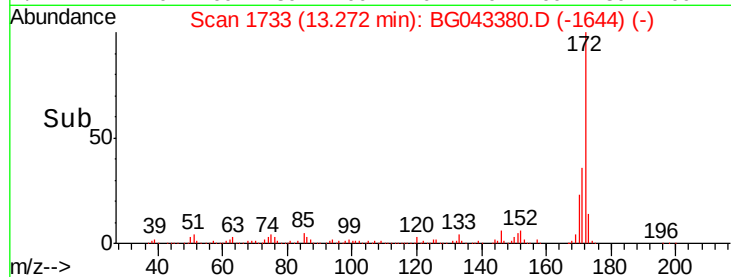
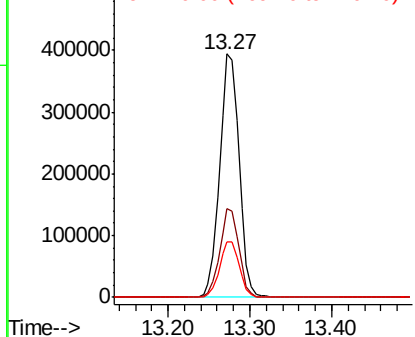
#45
2-Fluorobiphenyl
Concen: 74.996 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG043380.D
Acq: 29 Oct 2019 18:58

Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 653081
Ion Ratio Lower Upper
172 100
171 36.2 28.5 42.7
170 22.6 18.8 28.2

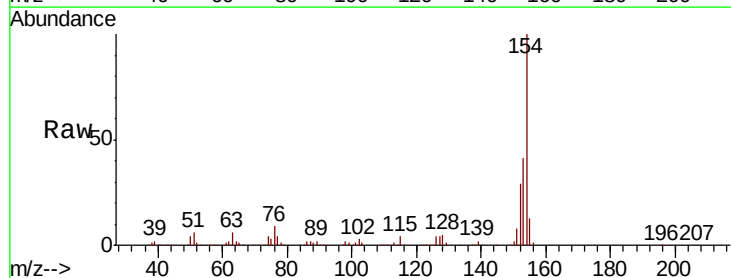


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

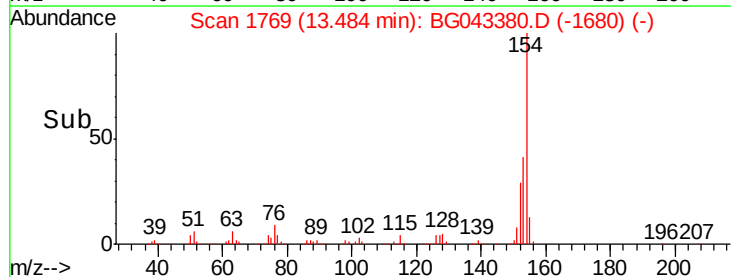
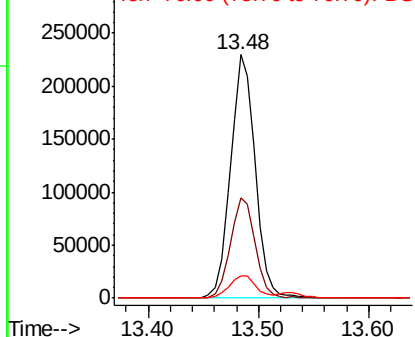


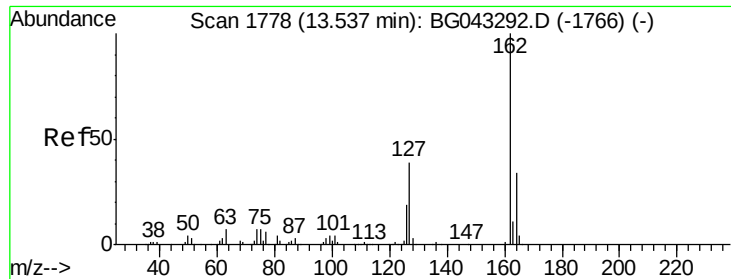
#46
1,1'-Biphenyl
Concen: 39.264 ng
RT: 13.48 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BG043380.D
Acq: 29 Oct 2019 18:58

Tgt Ion:154 Resp: 359423
Ion Ratio Lower Upper
154 100
153 41.1 21.0 61.0
76 9.3 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): BG





#47

2-Chloronaphthalene

Concen: 39.478 ng

RT: 13.53 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

Instrument :

BNA_G

ClientSampleId :

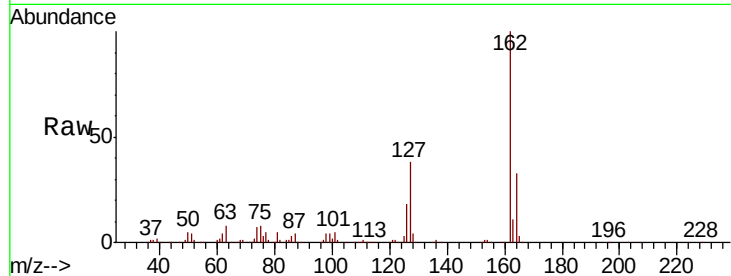
Tot Ion:162 Resp: 274965

Ion Ratio Lower Upper

162 100

127 38.4 31.3 46.9

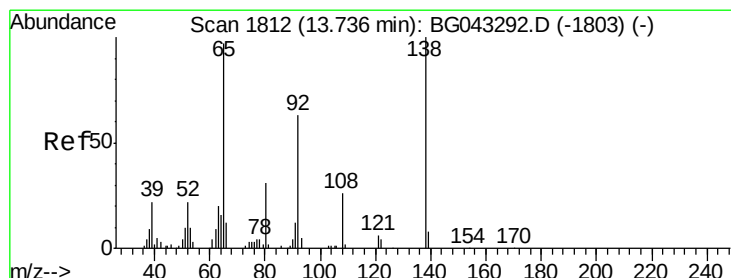
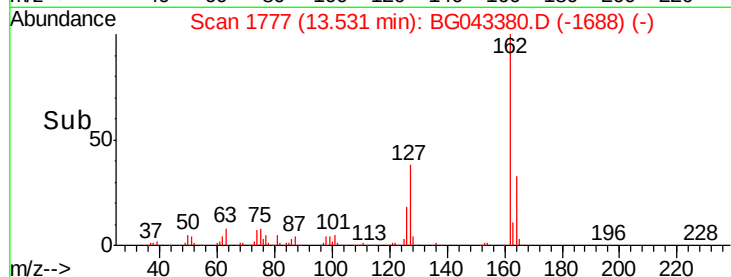
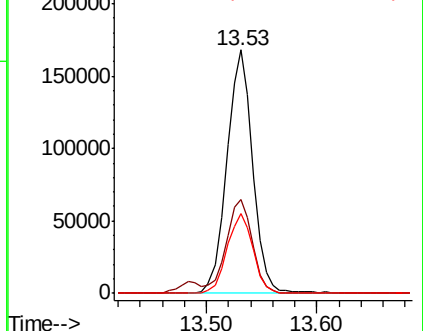
164 32.9 26.8 40.2



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: 39.296 ng

RT: 13.74 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

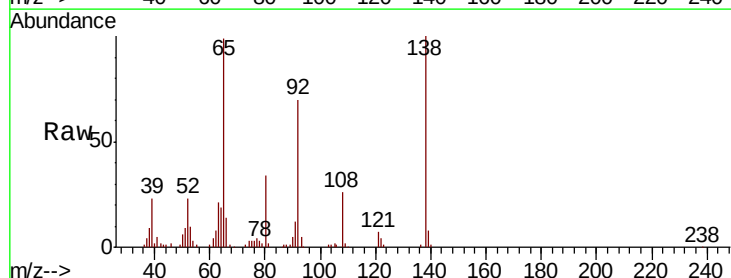
Tgt Ion: 65 Resp: 81803

Ion Ratio Lower Upper

65 100

92 71.1 52.6 79.0

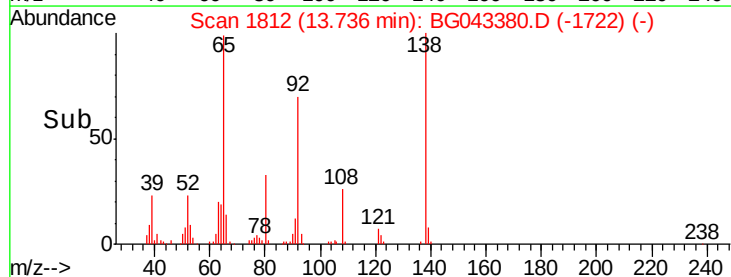
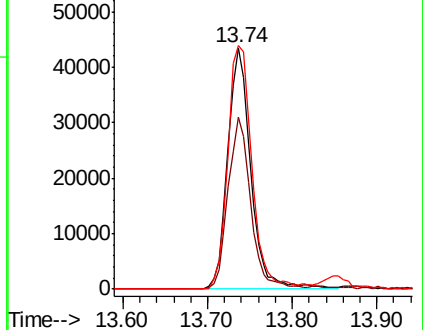
138 100.9 82.9 124.3

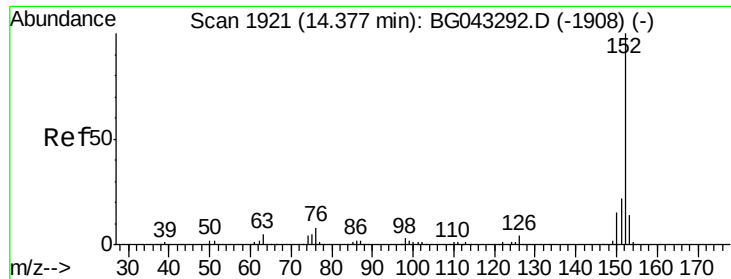


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.064 ng

RT: 14.37 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

Instrument :

BNA_G

ClientSampleId :

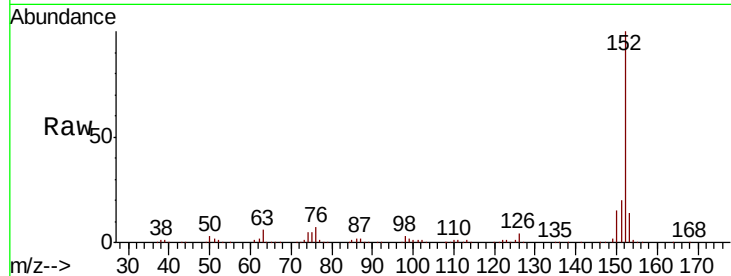
Tot Ion:152 Resp: 445138

Ion Ratio Lower Upper

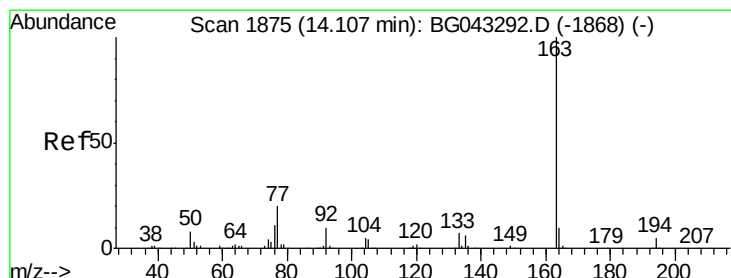
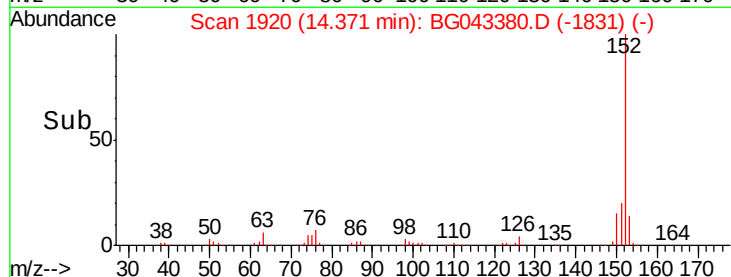
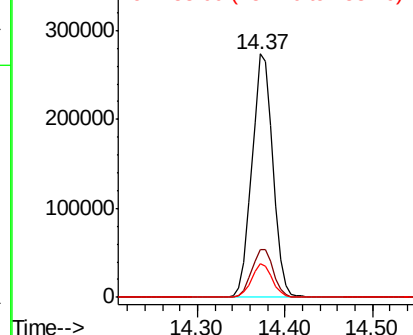
152 100

151 19.9 17.2 25.8

153 13.6 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: 49.254 ng

RT: 14.11 min Scan# 1875

Delta R.T. 0.00 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

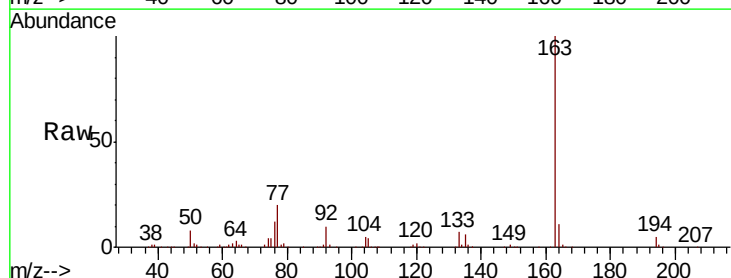
Tgt Ion:163 Resp: 459064

Ion Ratio Lower Upper

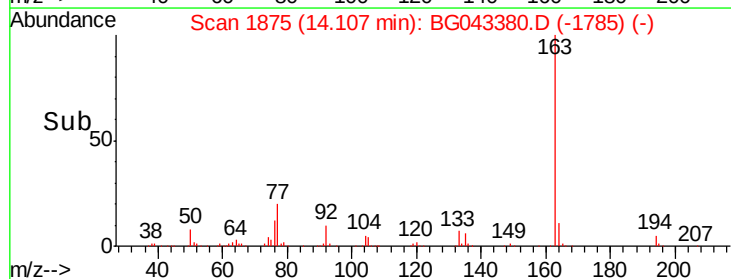
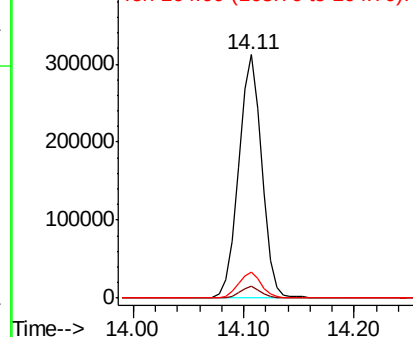
163 100

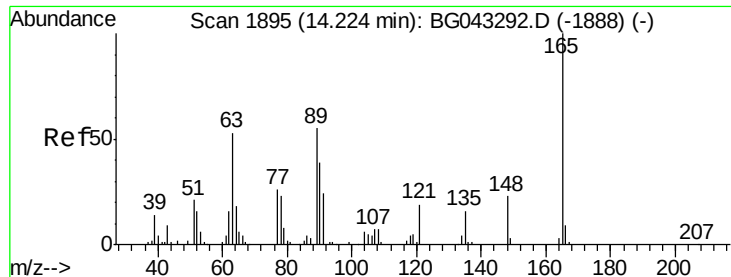
194 4.8 3.7 5.5

164 10.9 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

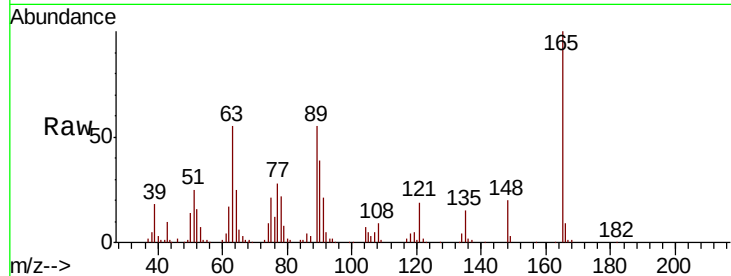




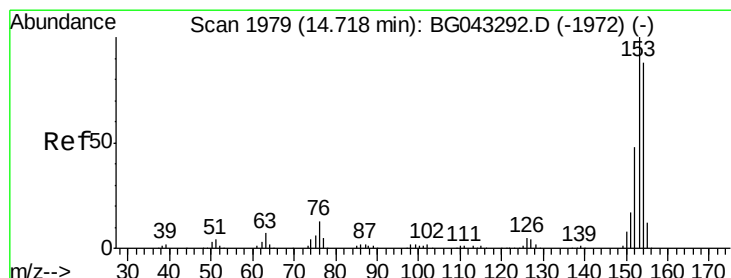
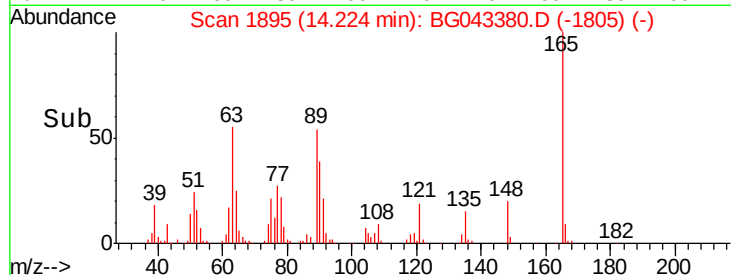
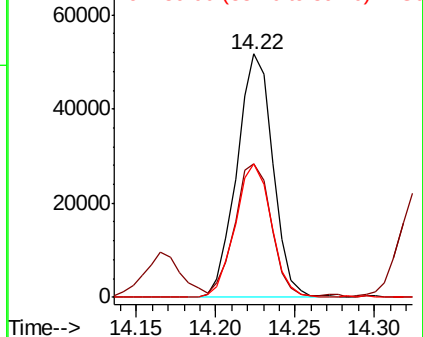
#51
2,6-Dinitrotoluene
Concen: 40.178 ng
RT: 14.22 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BG043380.D
Acq: 29 Oct 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.0	47.1	70.7
89	54.9	43.7	65.5

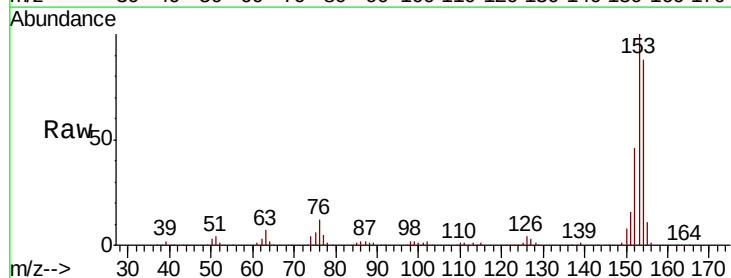


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

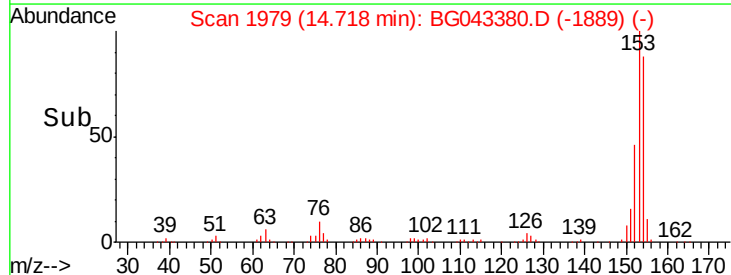
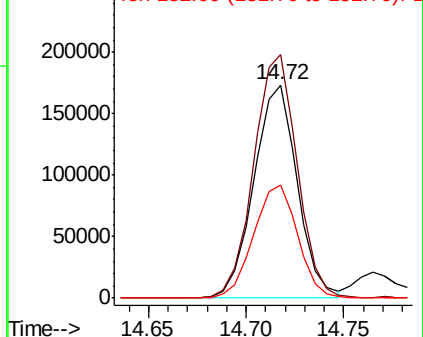


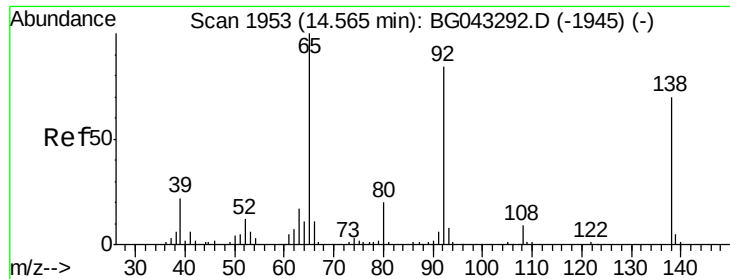
#52
Acenaphthene
Concen: 40.271 ng
RT: 14.72 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG043380.D
Acq: 29 Oct 2019 18:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.0	90.9	136.3
152	52.9	43.9	65.9



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





#53

3-Nitroaniline

Concen: 12.890 ng

RT: 14.56 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

Instrument :

BNA_G

ClientSampleId :

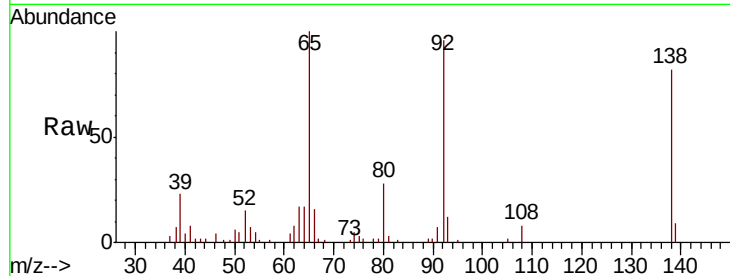
Tot Ion:138 Resp: 25200

Ion Ratio Lower Upper

138 100

108 10.3 9.8 14.6

92 117.7 95.8 143.6

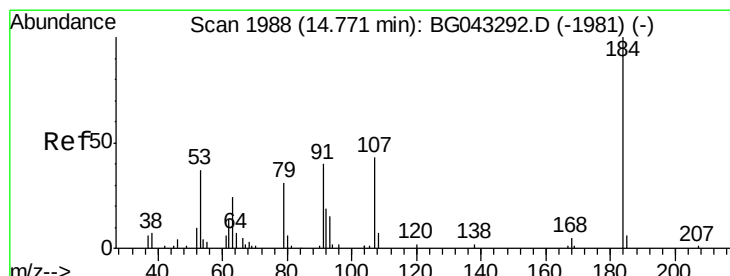
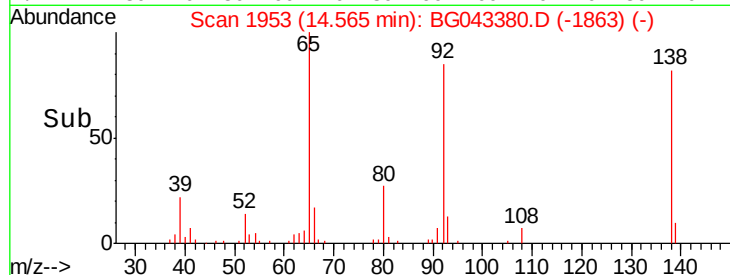
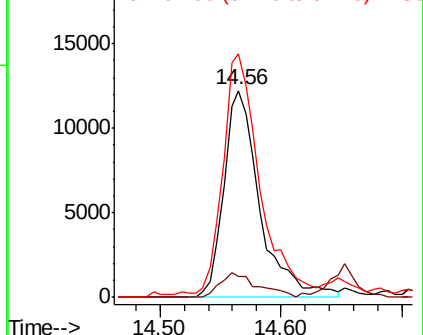


Abundance

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): E



#54

2,4-Dinitrophenol

Concen: 46.844 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

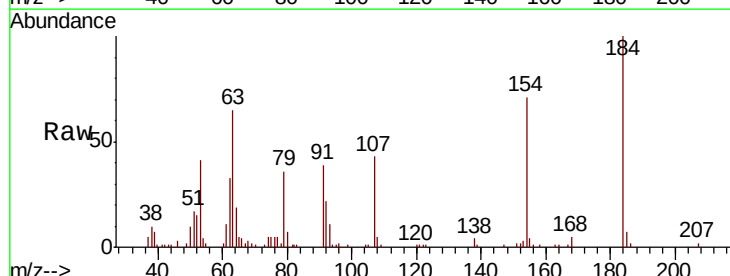
Tgt Ion:184 Resp: 55031

Ion Ratio Lower Upper

184 100

63 64.8 48.8 73.2

154 71.3 49.4 74.0

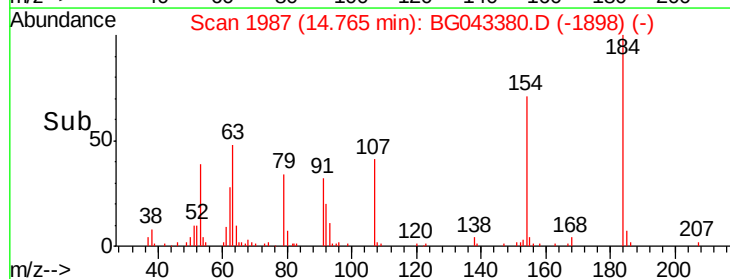
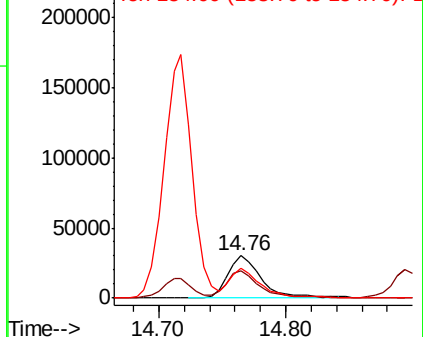


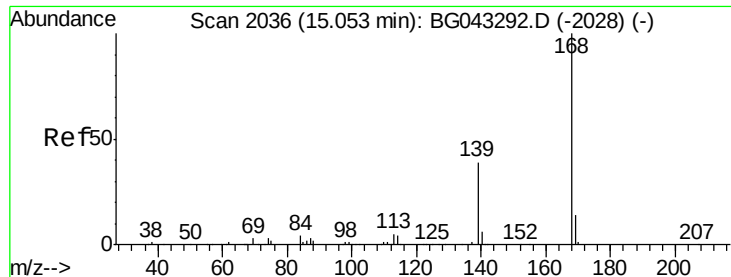
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E

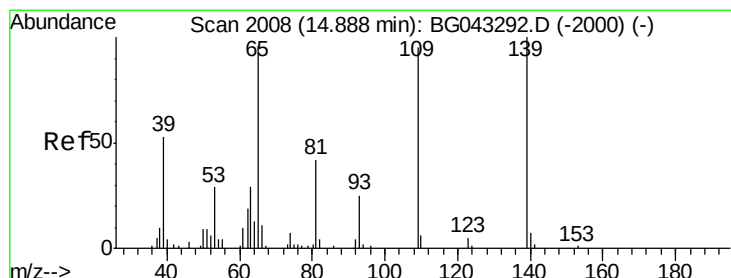
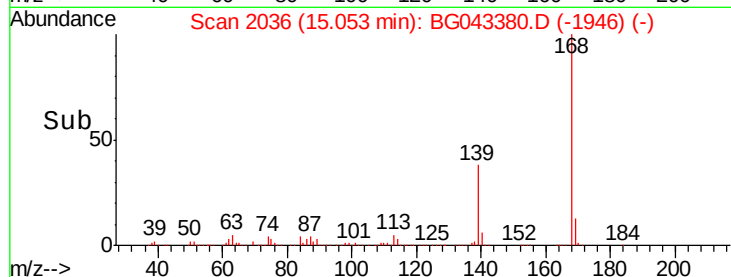
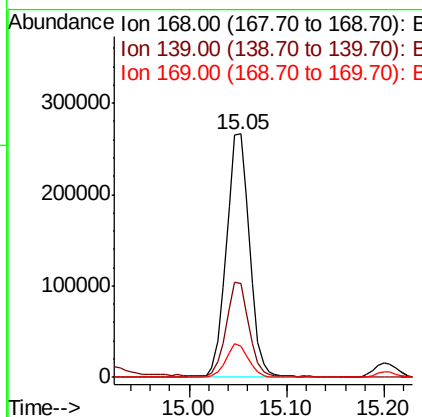
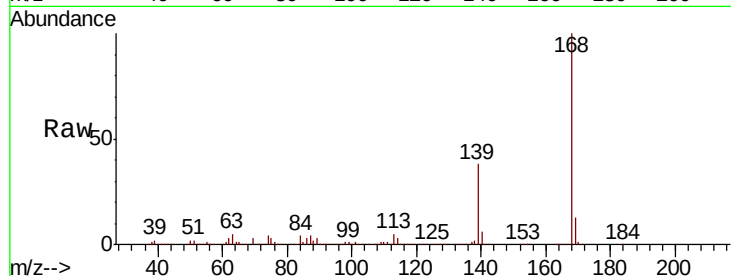




#55
Dibenzenofuran
Concen: 41.051 ng
RT: 15.05 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG043380.D
Acq: 29 Oct 2019 18:58

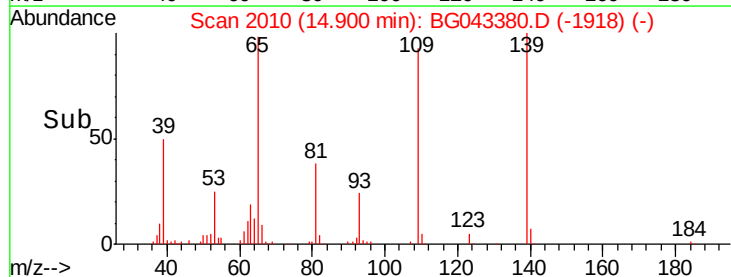
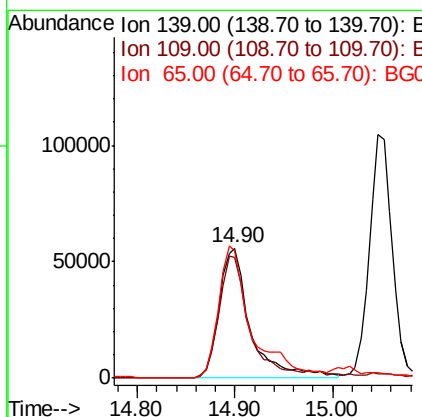
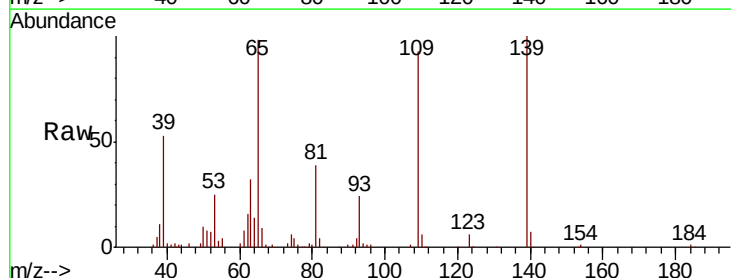
Instrument :
BNA_G
ClientSampleId :

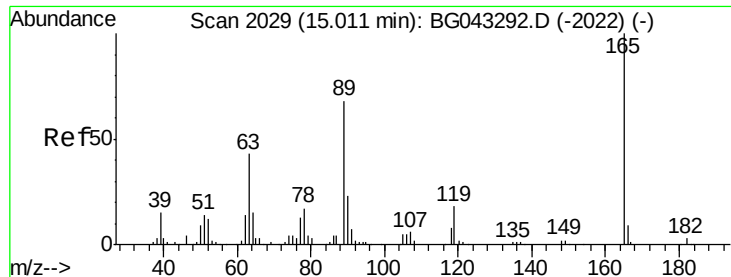
Tot Ion:168 Resp: 440078
Ion Ratio Lower Upper
168 100
139 38.5 31.7 47.5
169 12.8 11.0 16.4



#56
4-Nitrophenol
Concen: 94.901 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BG043380.D
Acq: 29 Oct 2019 18:58

Tgt Ion:139 Resp: 124326
Ion Ratio Lower Upper
139 100
109 93.2 75.4 115.4
65 98.0 76.6 116.6

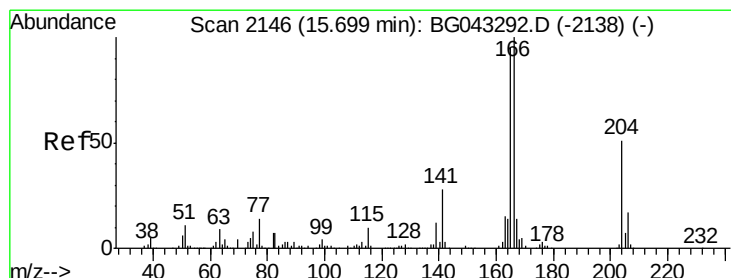
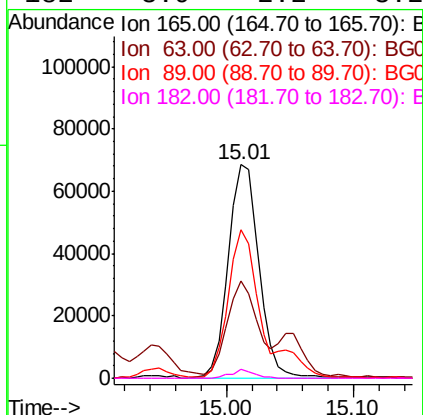
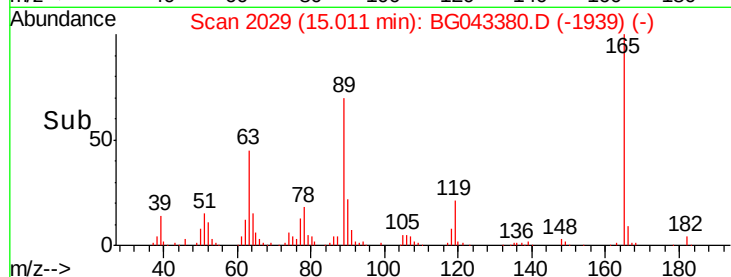
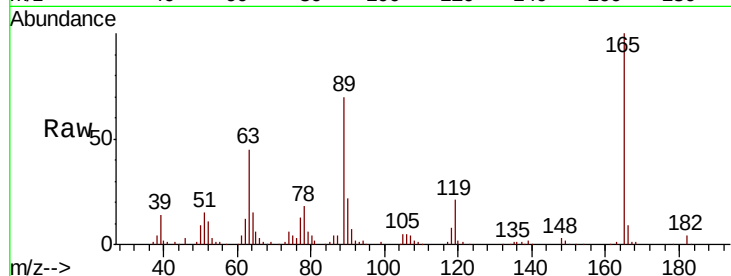




#57
 2,4-Dinitrotoluene
 Concen: 39.570 ng
 RT: 15.01 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BG043380.D
 Acq: 29 Oct 2019 18:58

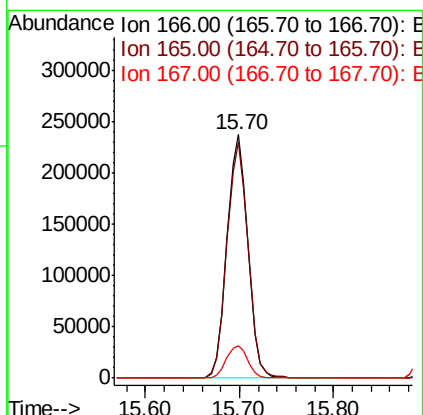
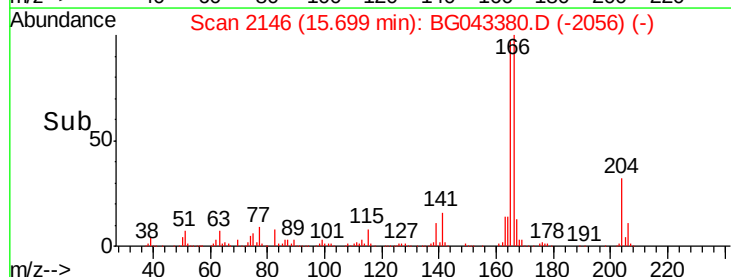
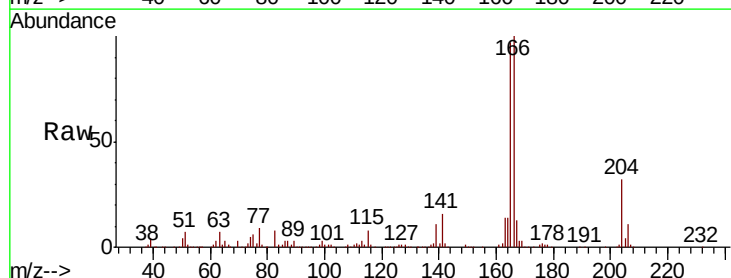
Instrument :
 BNA_G
 ClientSampled :

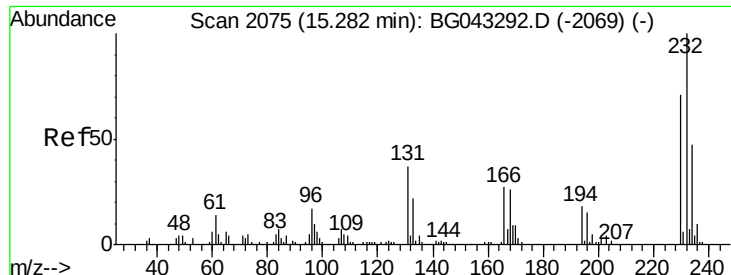
Tot Ion	Ratio	Lower	Upper
165	100		
63	45.5	35.0	52.6
89	69.5	54.1	81.1
182	3.9	2.2	3.2#



#58
 Fluorene
 Concen: 40.702 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. 0.00 min
 Lab File: BG043380.D
 Acq: 29 Oct 2019 18:58

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.8	76.4	114.6
167	13.2	11.1	16.7

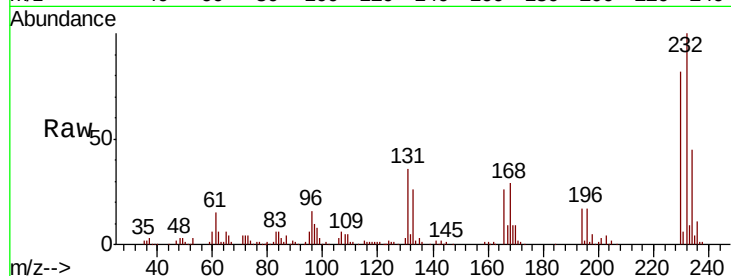




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.186 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. 0.00 min
 Lab File: BG043380.D
 Acq: 29 Oct 2019 18:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	37.9	28.7	43.1
130	2.6	0.6	0.8
166	28.1	21.1	31.7



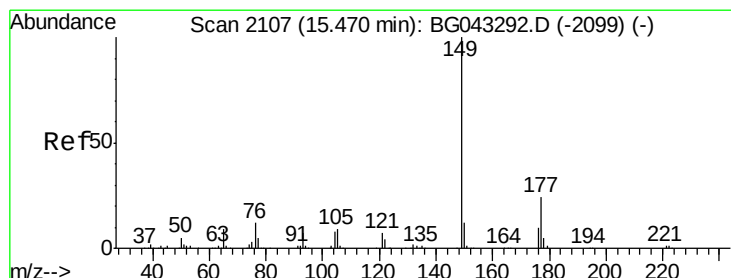
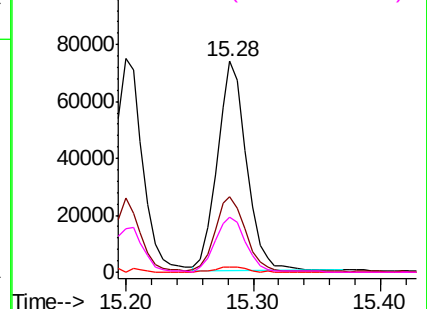
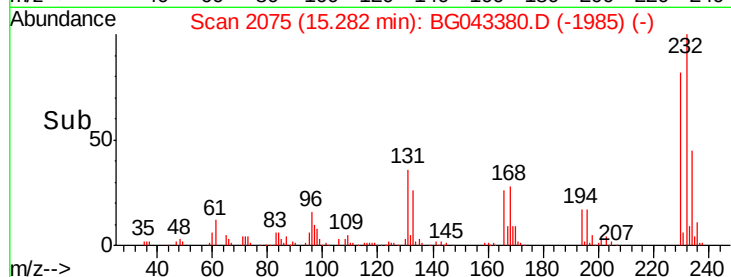
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

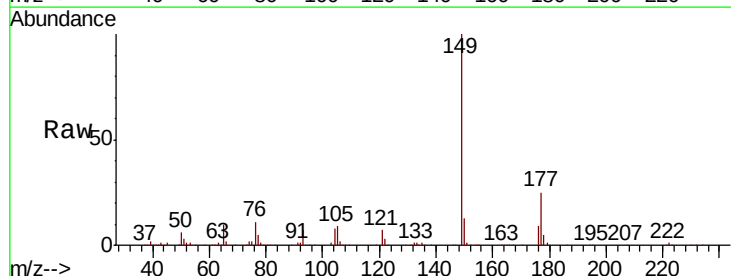
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 38.060 ng
 RT: 15.46 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BG043380.D
 Acq: 29 Oct 2019 18:58

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.0	19.0	28.4
150	13.2	9.4	14.0

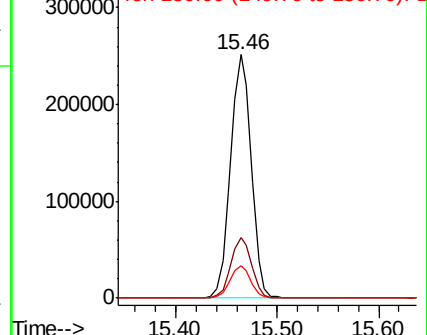
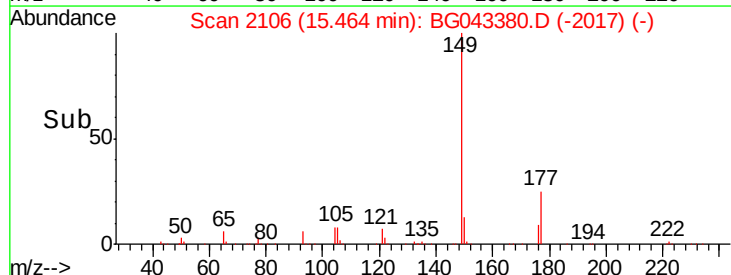


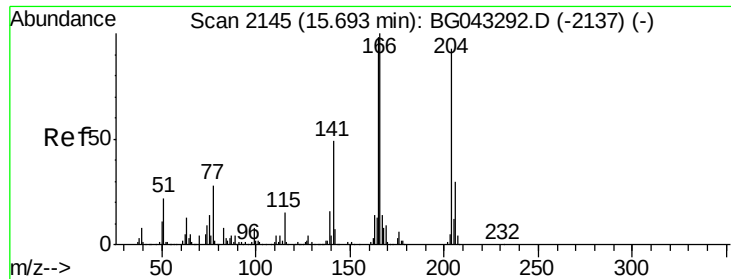
Abundance

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

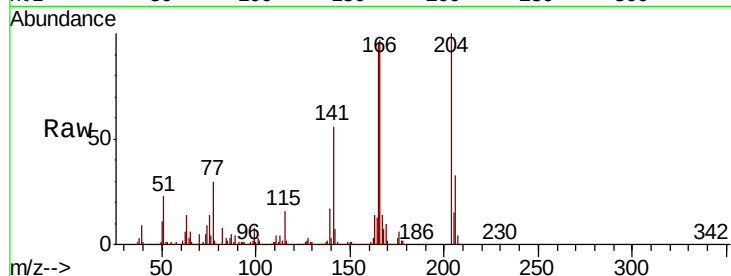




#61
4-Chlorophenyl-phenylether
Concen: 39.702 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BG043380.D
Acq: 29 Oct 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.7	38.5
141	55.7	42.3	63.5

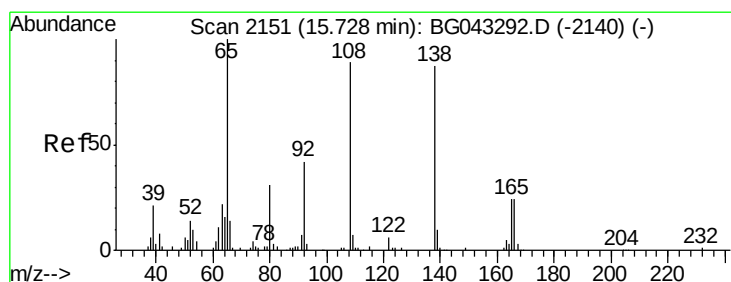
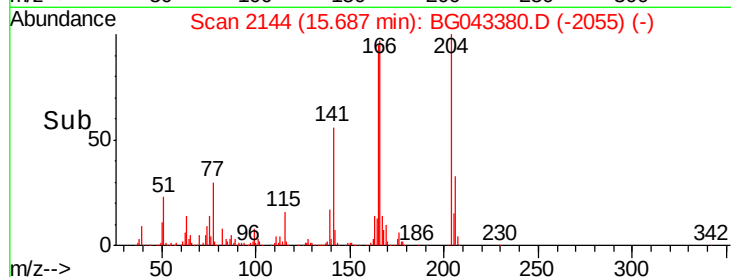
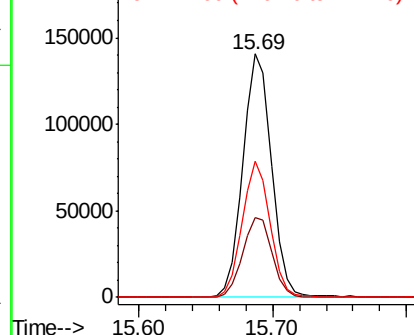


Abundance

Ion 204.00 (203.70 to 204.70): E

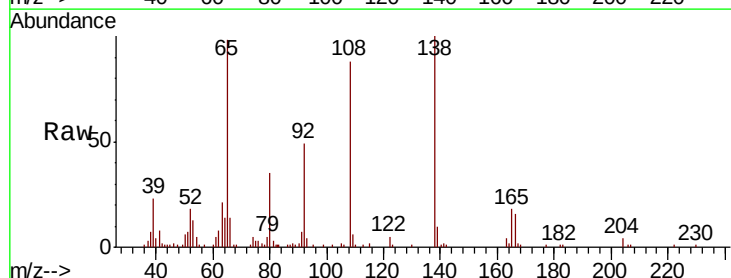
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 30.402 ng
RT: 15.73 min Scan# 2151
Delta R.T. 0.00 min
Lab File: BG043380.D
Acq: 29 Oct 2019 18:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.9	28.8	68.8
108	88.5	82.7	122.7

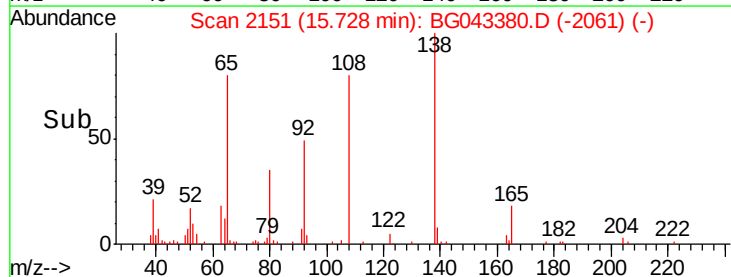
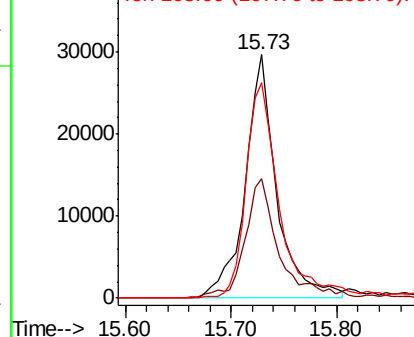


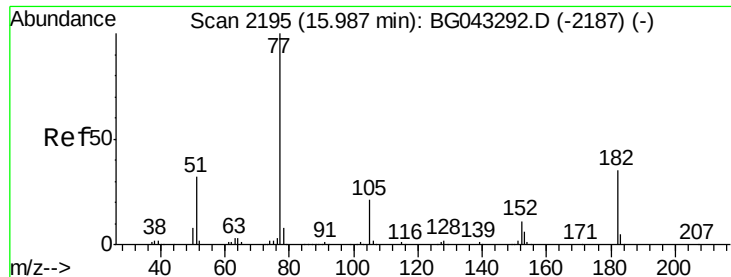
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

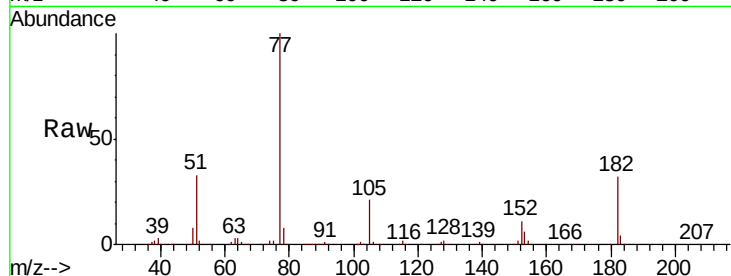




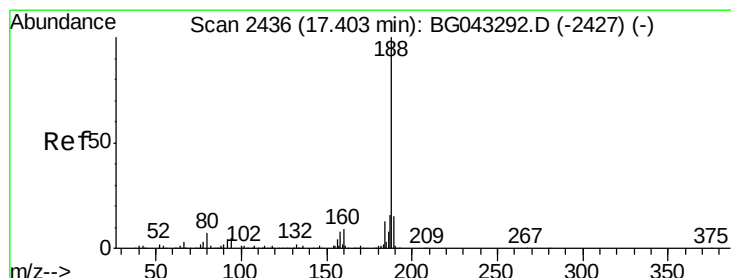
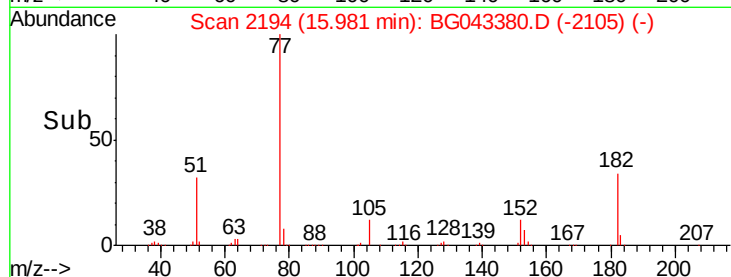
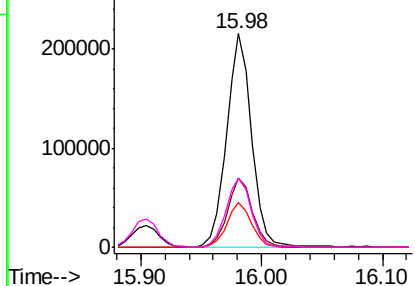
#63
Azobenzene
Concen: 40.471 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BG043380.D
Acq: 29 Oct 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	306742
Ion	Ratio	Lower	Upper
77	100		
182	32.5	14.9	54.9
105	20.9	0.6	40.6
51	32.6	12.5	52.5

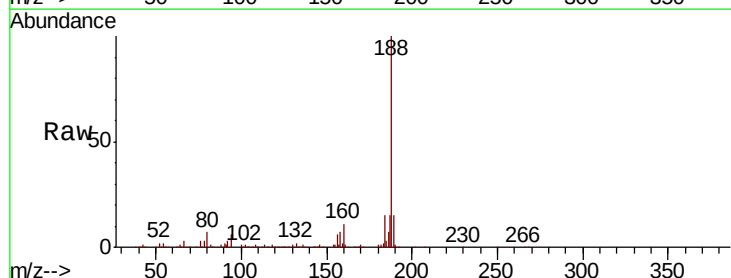


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

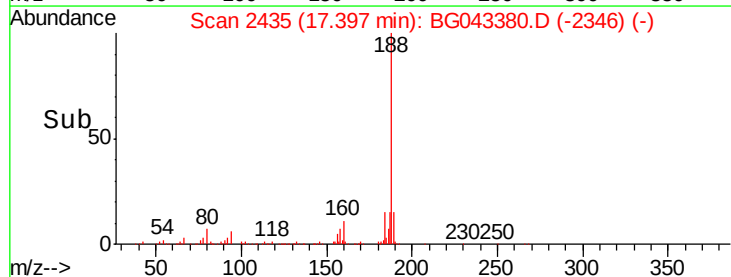
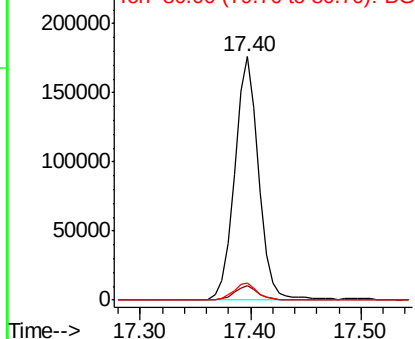


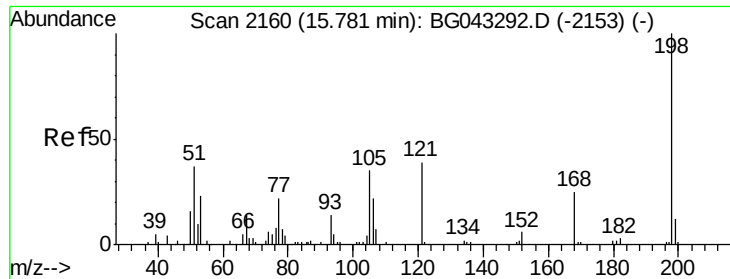
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043380.D
Acq: 29 Oct 2019 18:58

Tgt Ion:	188	Resp:	268439
Ion	Ratio	Lower	Upper
188	100		
94	6.0	4.2	6.2
80	7.0	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

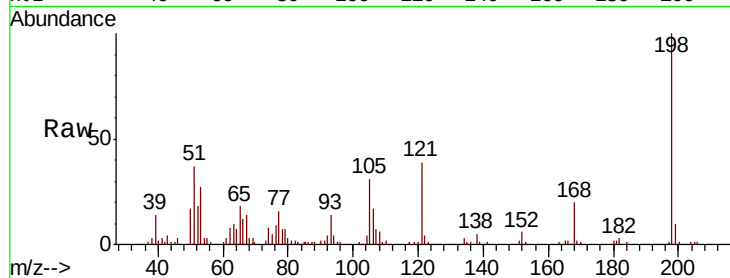




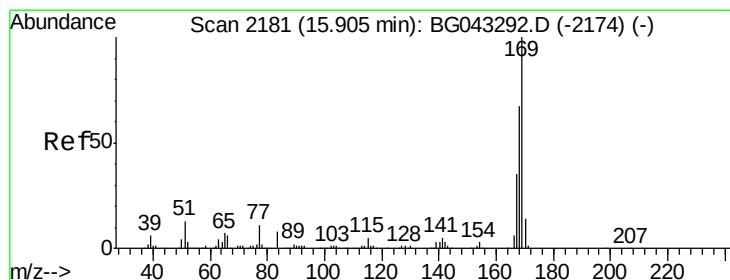
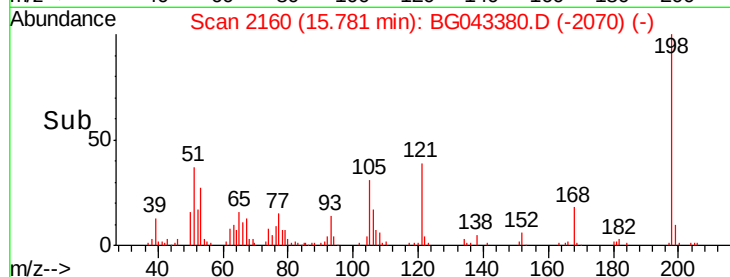
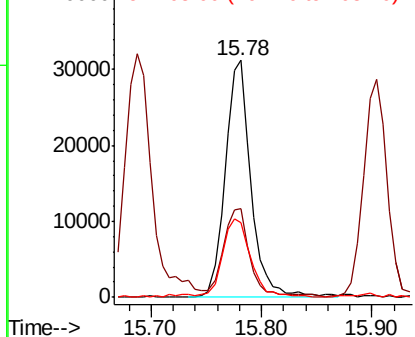
#65
4,6-Dinitro-2-methylphenol
Concen: 32.197 ng
RT: 15.78 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG043380.D
Acq: 29 Oct 2019 18:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 50864
Ion Ratio Lower Upper
198 100
51 37.3 21.4 61.4
105 31.2 16.5 56.5

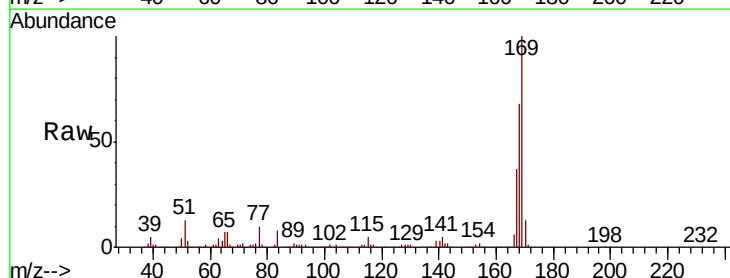


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

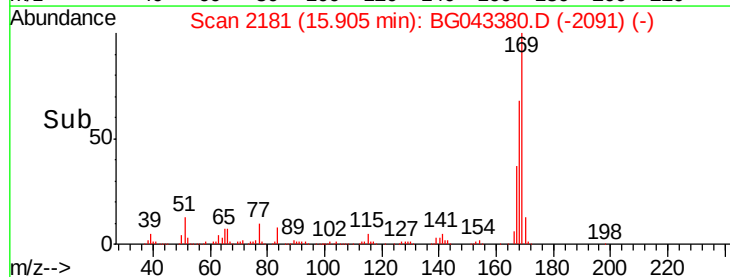
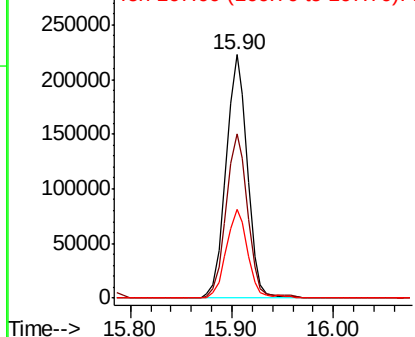


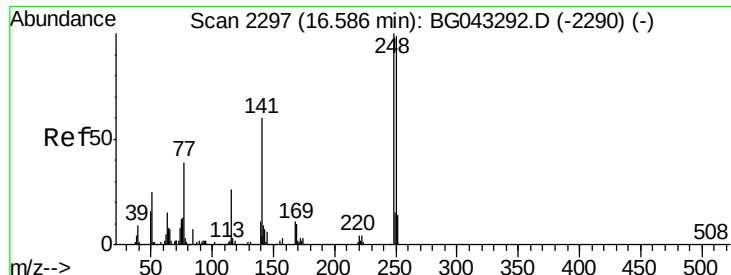
#66
n-Nitrosodiphenylamine
Concen: 42.904 ng
RT: 15.90 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BG043380.D
Acq: 29 Oct 2019 18:58

Tgt Ion:169 Resp: 325159
Ion Ratio Lower Upper
169 100
168 67.7 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: 40.808 ng

RT: 16.58 min Scan# 2296

Delta R.T. -0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

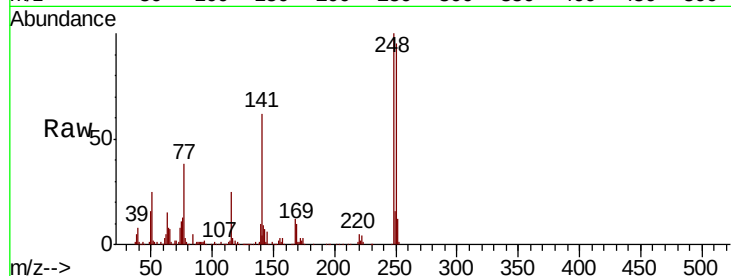
Instrument :

BNA_G

ClientSampleId :

Tot Ion:248 Resp: 147423

Ion	Ratio	Lower	Upper
248	100		
250	94.9	79.3	118.9
141	61.6	47.9	71.9

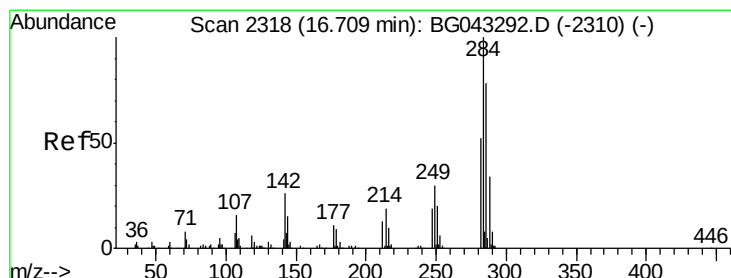
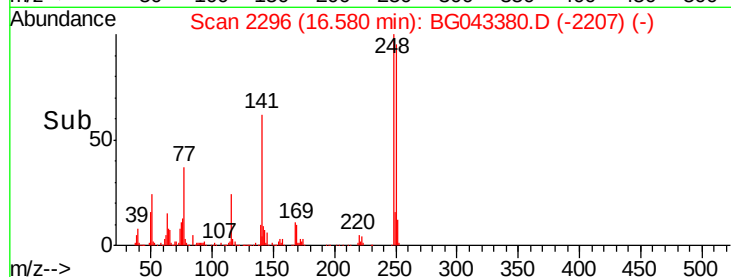
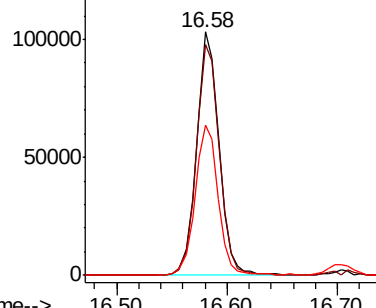


Abundance

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: 39.982 ng

RT: 16.70 min Scan# 2317

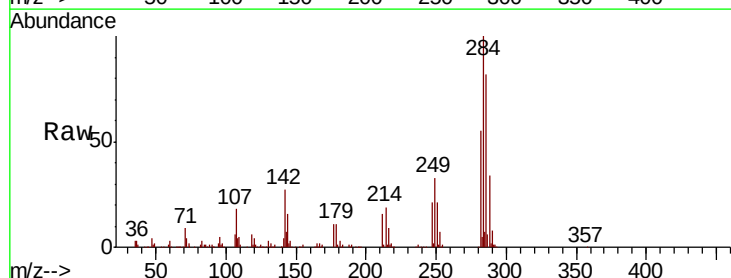
Delta R.T. -0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

Tgt Ion:284 Resp: 165798

Ion	Ratio	Lower	Upper
284	100		
142	27.0	21.1	31.7
249	33.3	24.4	36.6

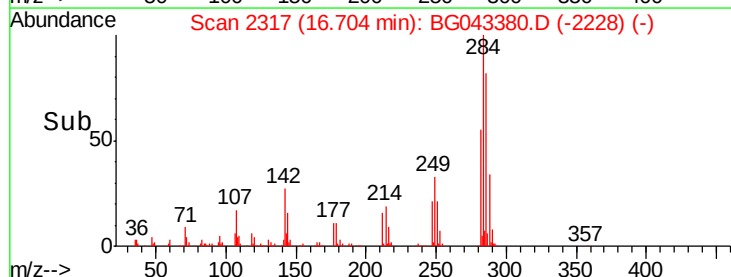
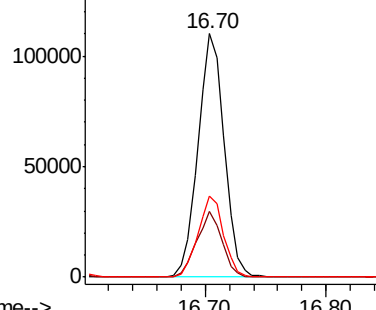


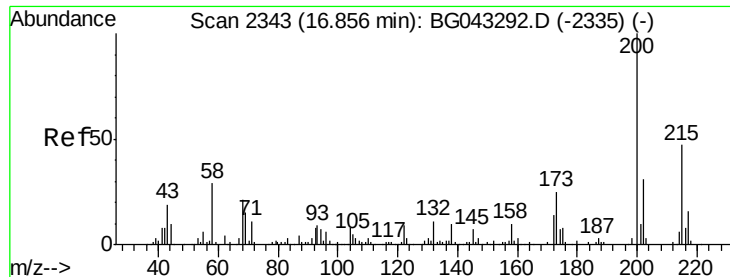
Abundance

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: 53.327 ng

RT: 16.85 min Scan# 2342

Delta R.T. -0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

Instrument :

BNA_G

ClientSampleId :

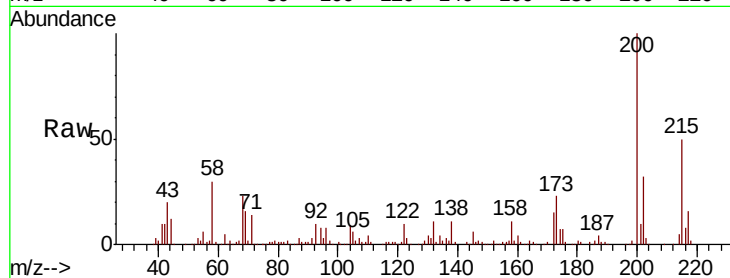
Tot Ion:200 Resp: 140434

Ion Ratio Lower Upper

200 100

173 23.0 5.1 45.1

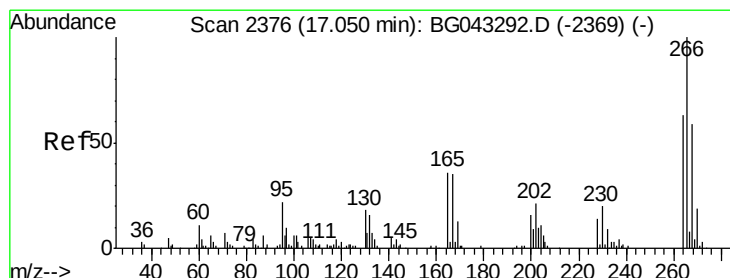
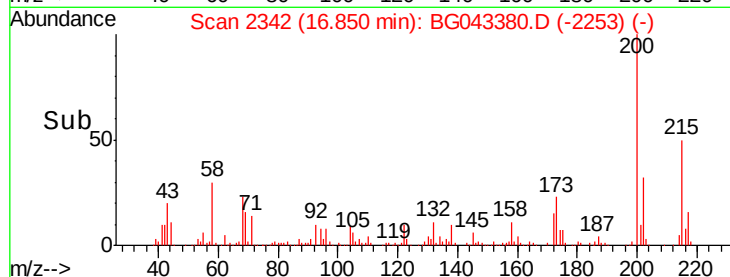
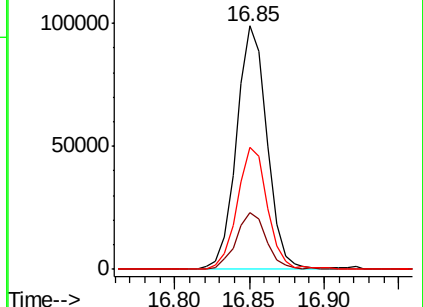
215 50.2 26.6 66.6



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: 95.793 ng

RT: 17.06 min Scan# 2377

Delta R.T. 0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

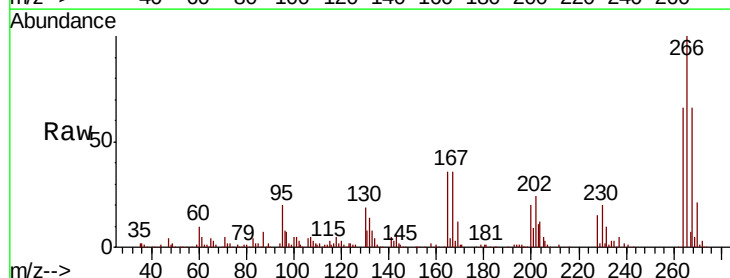
Tgt Ion:266 Resp: 181004

Ion Ratio Lower Upper

266 100

268 65.7 47.1 70.7

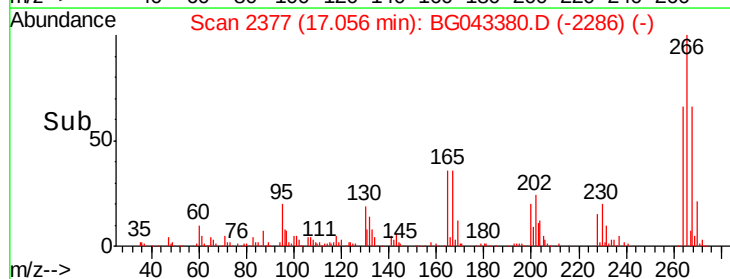
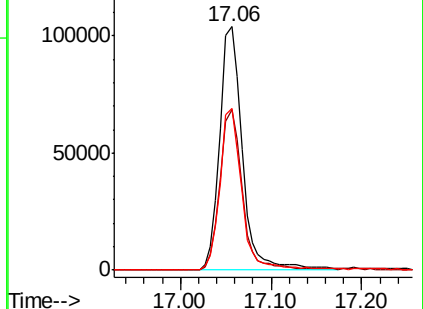
264 66.2 50.4 75.6

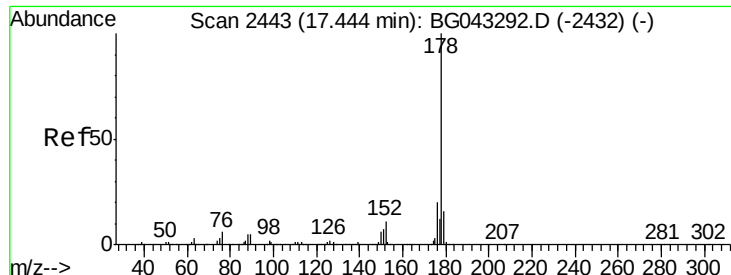


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

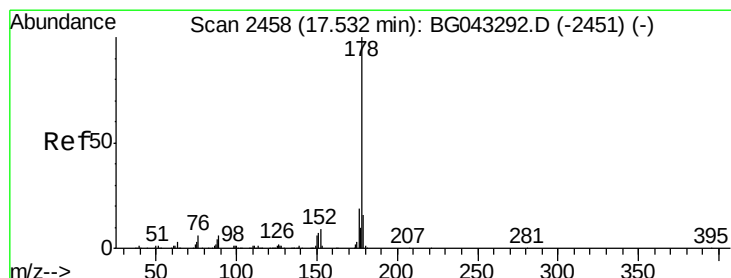
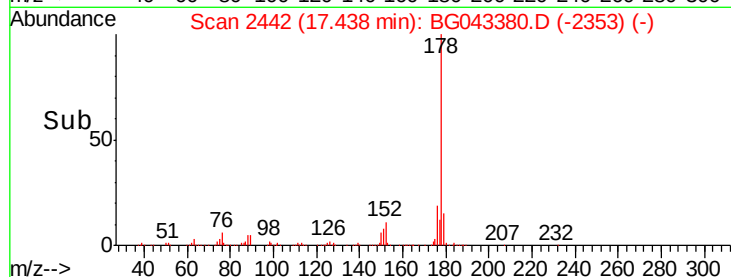
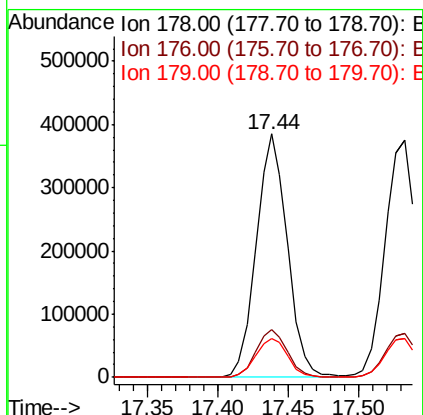
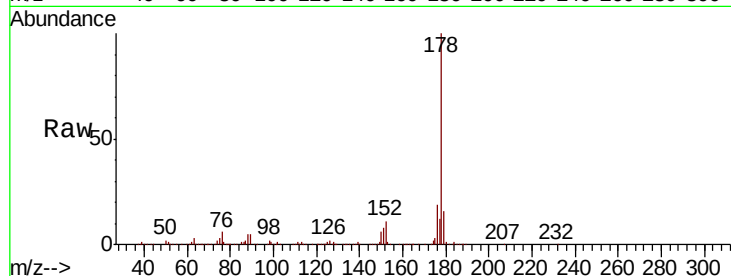




#71
Phenanthrene
Concen: 43.324 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG043380.D
Acq: 29 Oct 2019 18:58

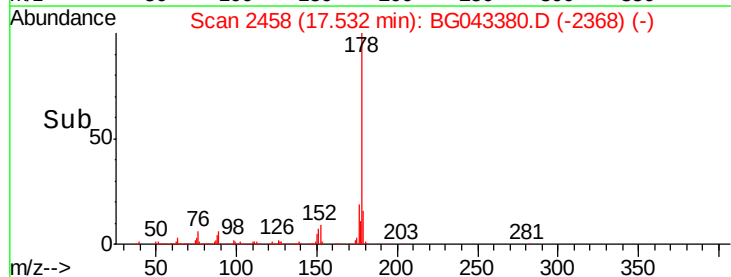
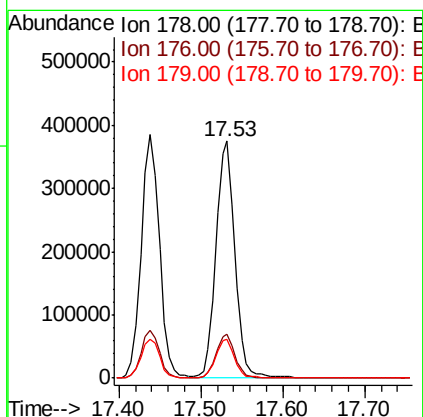
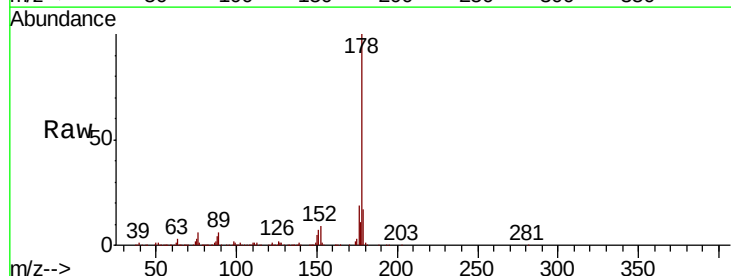
Instrument :
BNA_G
ClientSampleId :

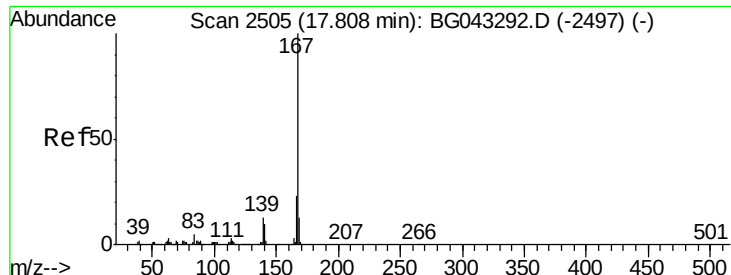
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.9	13.1	19.7



#72
Anthracene
Concen: 43.778 ng
RT: 17.53 min Scan# 2458
Delta R.T. 0.00 min
Lab File: BG043380.D
Acq: 29 Oct 2019 18:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	16.6	13.0	19.6





#73

Carbazole

Concen: 42.756 ng

RT: 17.80 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

Instrument :

BNA_G

ClientSampleId :

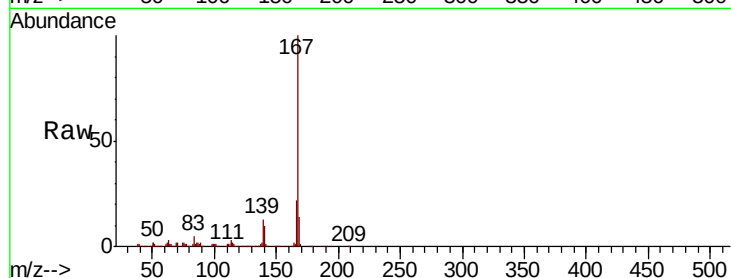
Tot Ion:167 Resp: 532503

Ion Ratio Lower Upper

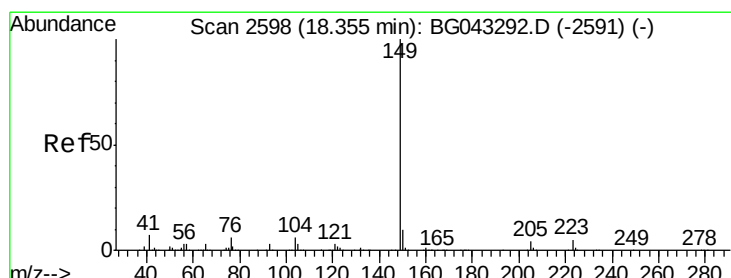
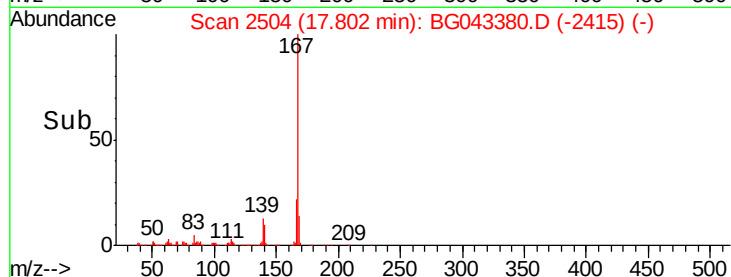
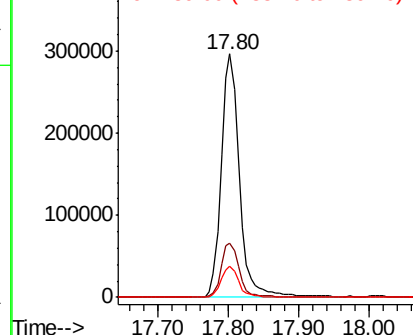
167 100

166 22.4 18.4 27.6

139 12.7 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: 42.356 ng

RT: 18.35 min Scan# 2598

Delta R.T. 0.00 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

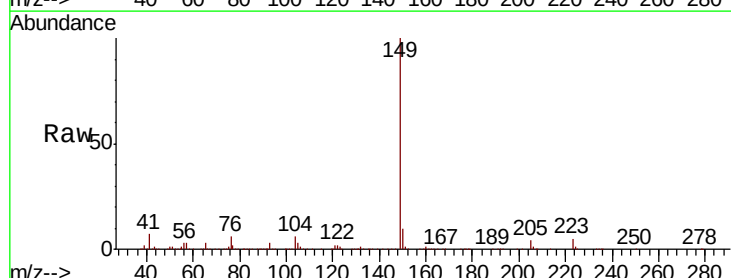
Tgt Ion:149 Resp: 640084

Ion Ratio Lower Upper

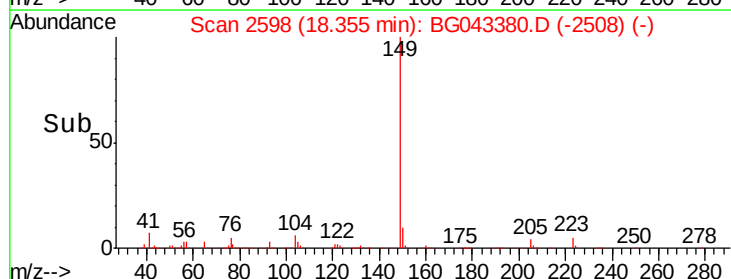
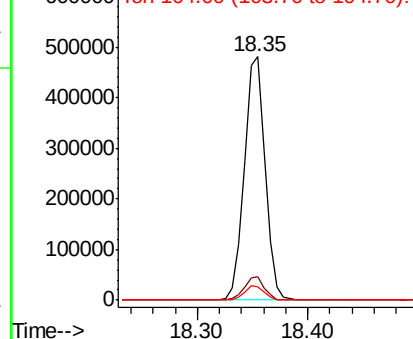
149 100

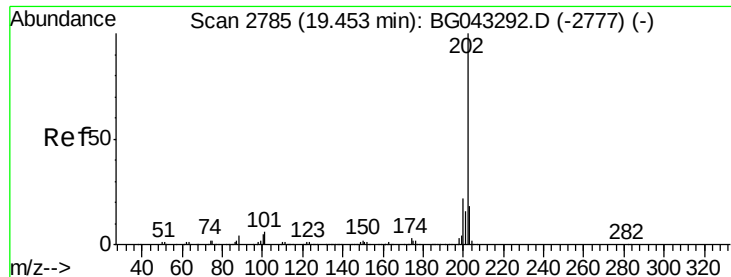
150 9.8 8.0 12.0

104 5.5 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: 44.690 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043380.D

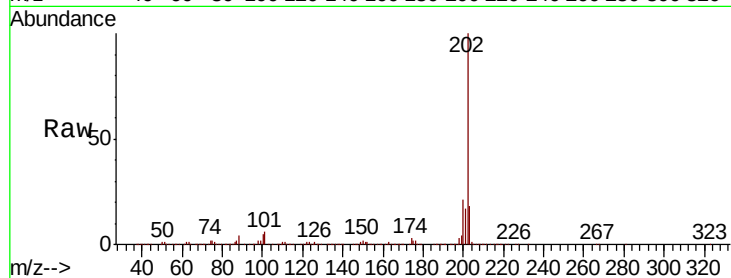
Acq: 29 Oct 2019 18:58

Instrument :

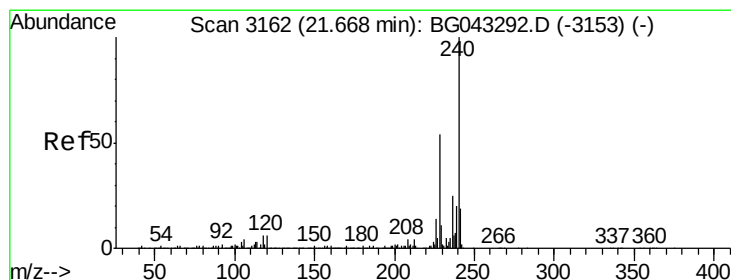
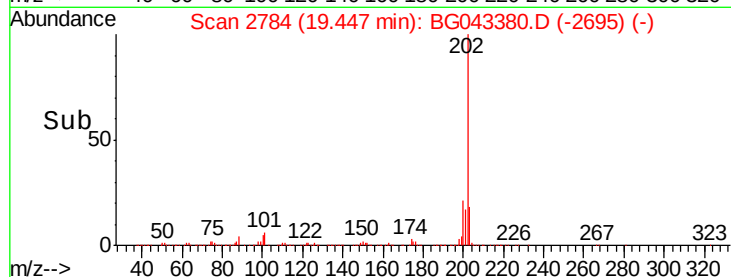
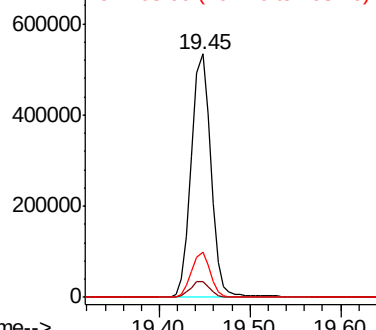
BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	800869
Ion	Ratio	Lower	Upper
202	100		
101	6.4	0.0	26.0
203	18.4	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

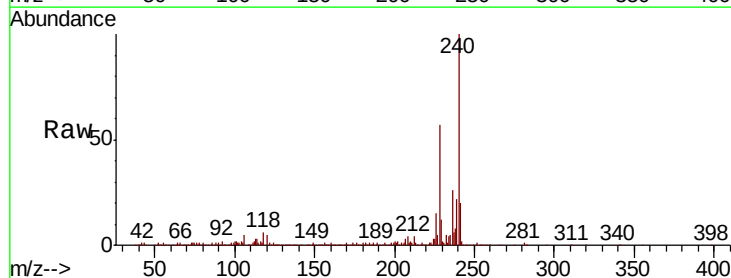
RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

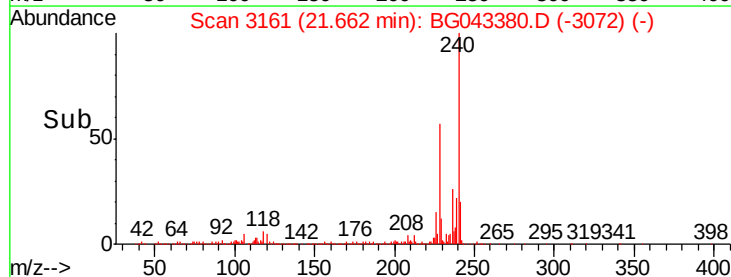
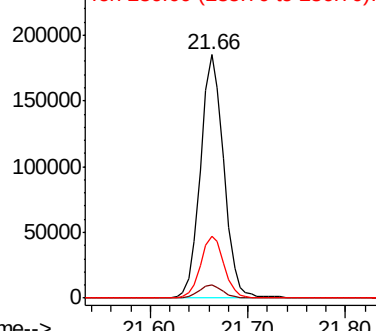
Lab File: BG043380.D

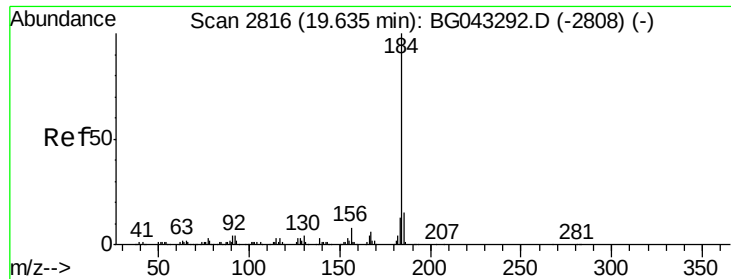
Acq: 29 Oct 2019 18:58

Tgt Ion:	240	Resp:	306549
Ion	Ratio	Lower	Upper
240	100		
120	5.4	4.6	7.0
236	25.6	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: 39.135 ng

RT: 19.63 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

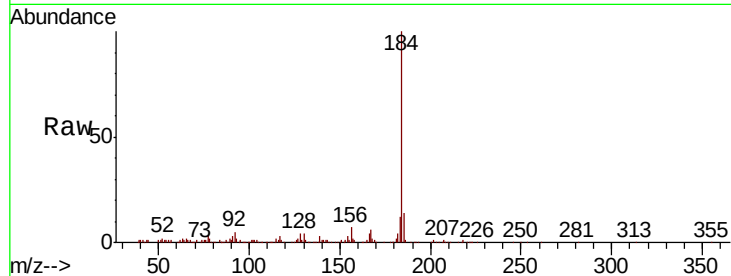
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 241437

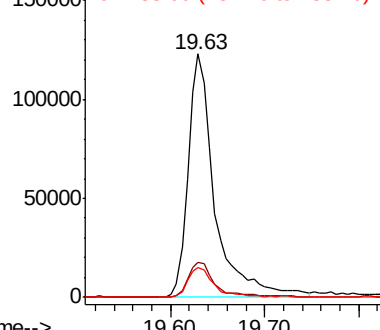
Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.8	17.6
183	12.1	10.6	16.0



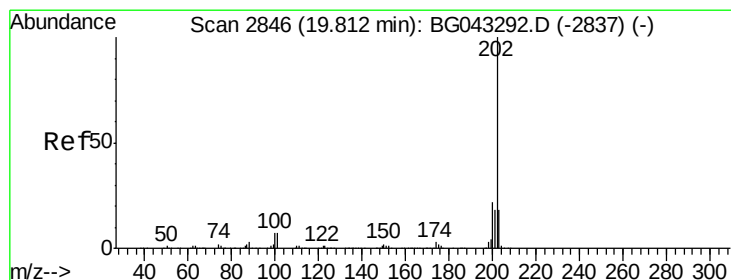
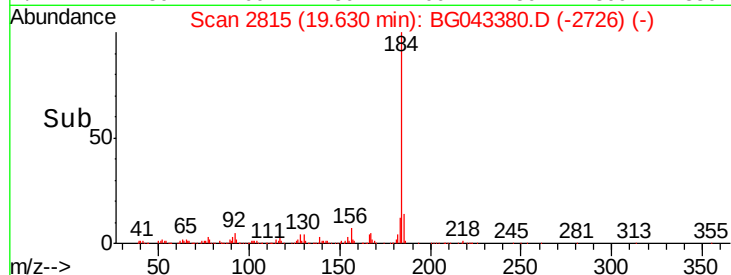
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 42.494 ng

RT: 19.81 min Scan# 2845

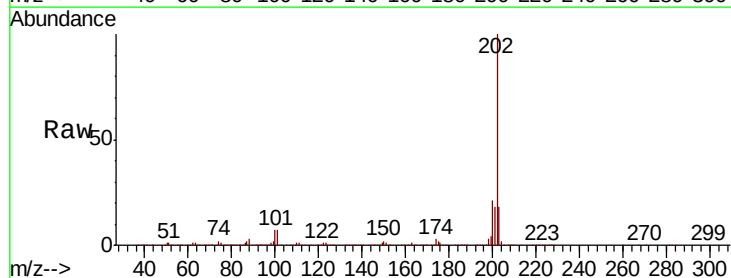
Delta R.T. -0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

Tgt Ion:202 Resp: 806325

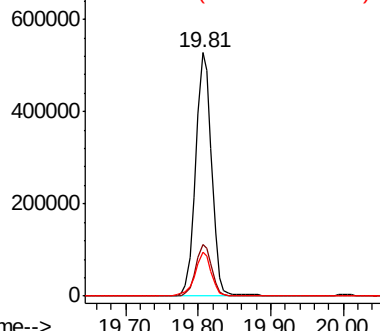
Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.3	25.9
203	17.9	14.5	21.7



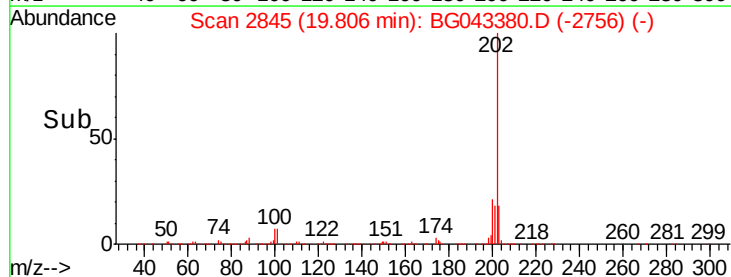
Abundance Ion 202.00 (201.70 to 202.70): E

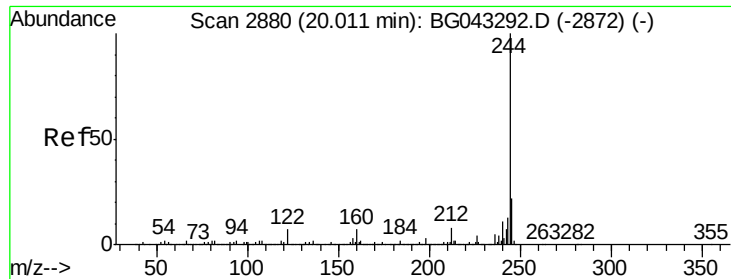
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 75.271 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

Instrument :

BNA_G

ClientSampled :

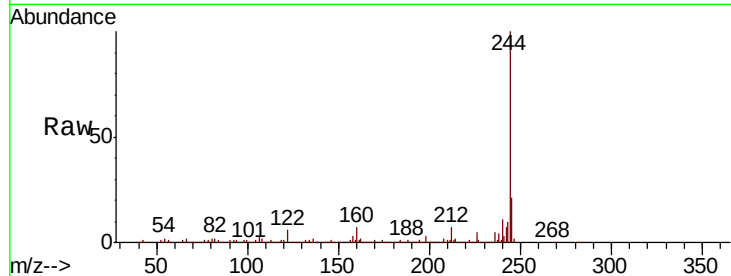
Tot Ion:244 Resp: 1229941

Ion Ratio Lower Upper

244 100

212 7.3 6.4 9.6

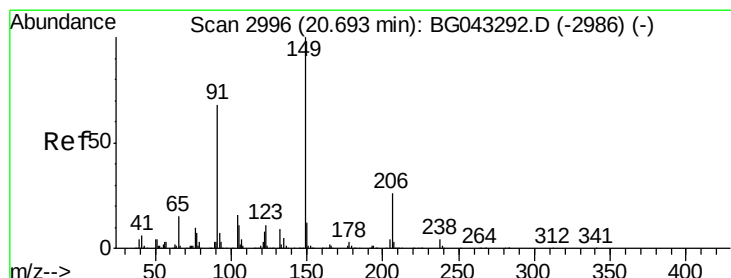
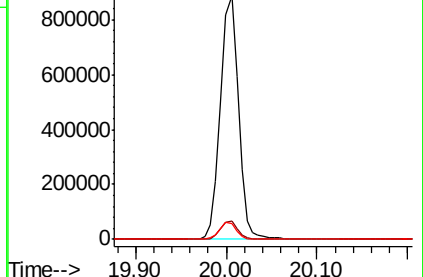
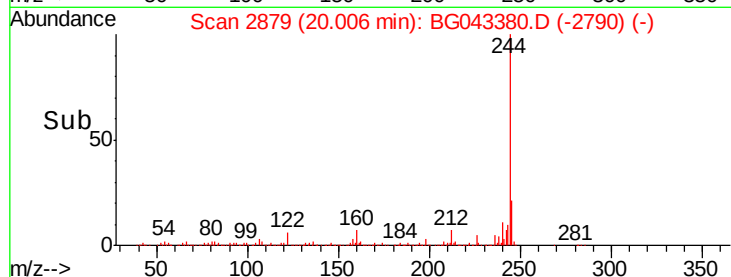
122 6.4 5.3 7.9



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: 48.497 ng

RT: 20.69 min Scan# 2996

Delta R.T. 0.00 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

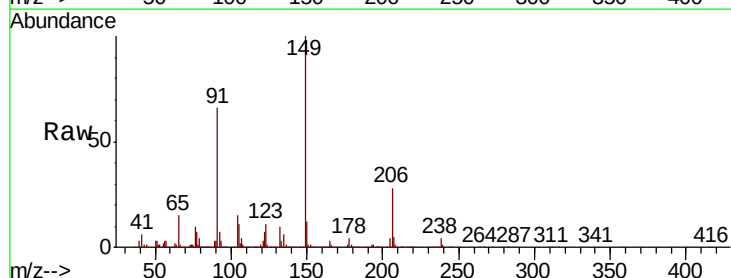
Tgt Ion:149 Resp: 348641

Ion Ratio Lower Upper

149 100

91 65.9 54.6 82.0

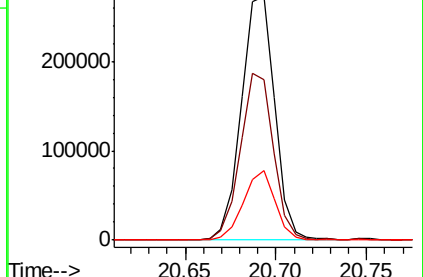
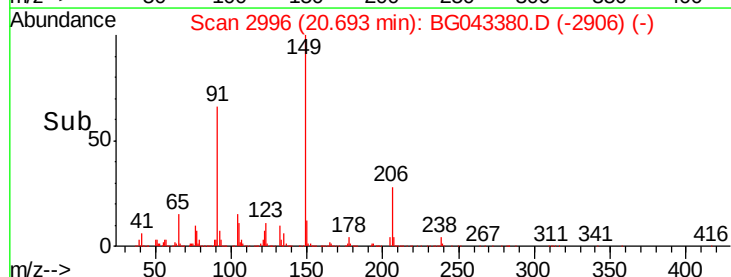
206 28.4 20.5 30.7

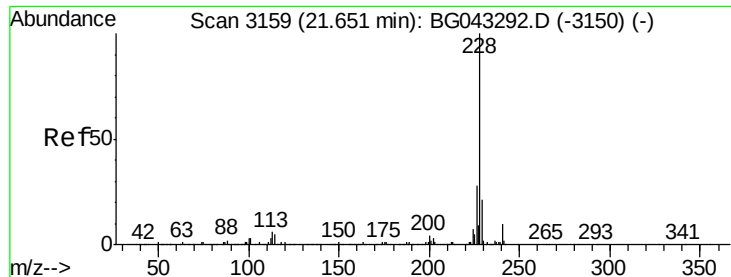


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.201 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

Instrument :

BNA_G

ClientSampleId :

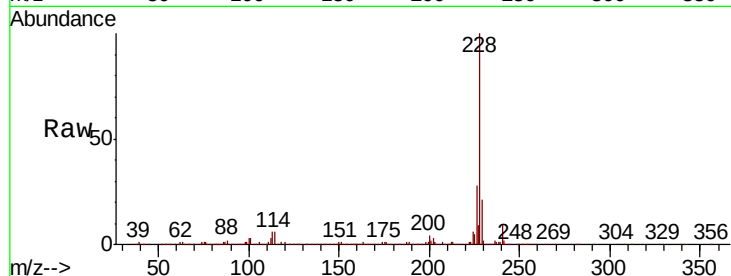
Tot Ion:228 Resp: 829551

Ion Ratio Lower Upper

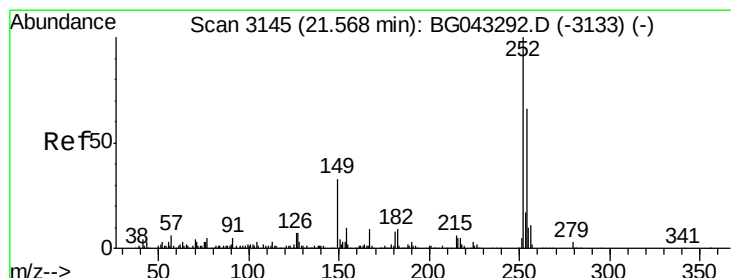
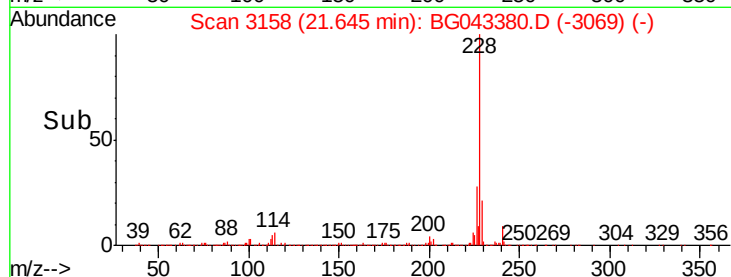
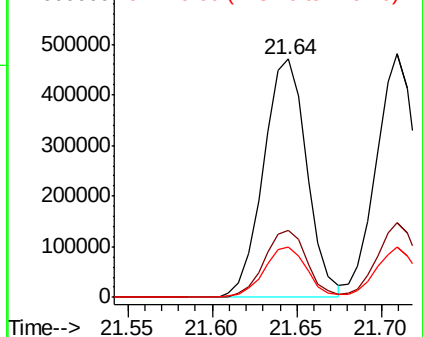
228 100

226 27.9 22.2 33.4

229 20.9 16.9 25.3



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



#82

3,3'-Dichlorobenzidine

Concen: 22.268 ng

RT: 21.56 min Scan# 3143

Delta R.T. -0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

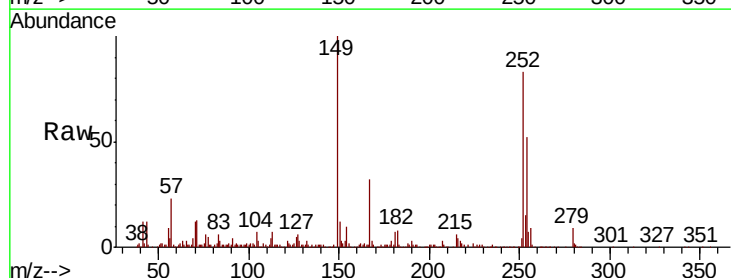
Tgt Ion:252 Resp: 165381

Ion Ratio Lower Upper

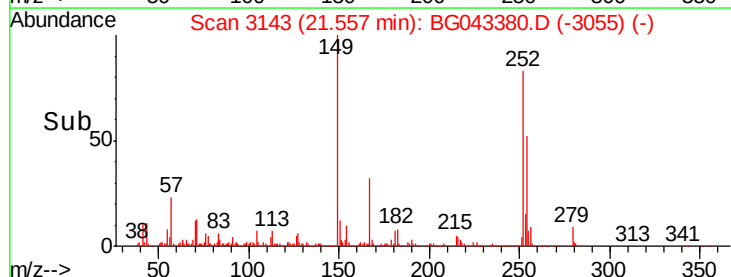
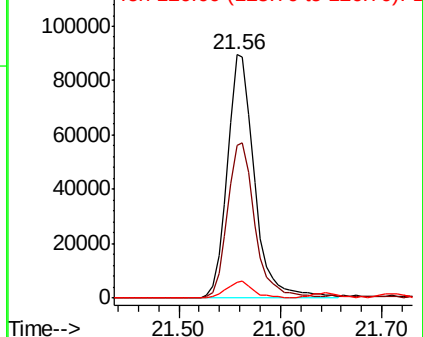
252 100

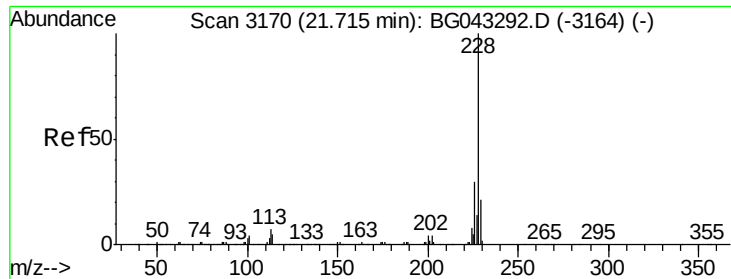
254 63.0 52.7 79.1

126 6.4 5.6 8.4



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





#83

Chrysene

Concen: 42.373 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

Instrument :

BNA_G

ClientSampleId :

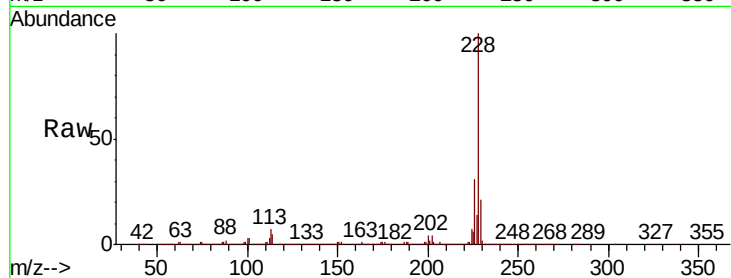
Tot Ion:228 Resp: 808420

Ion Ratio Lower Upper

228 100

226 30.5 23.8 35.8

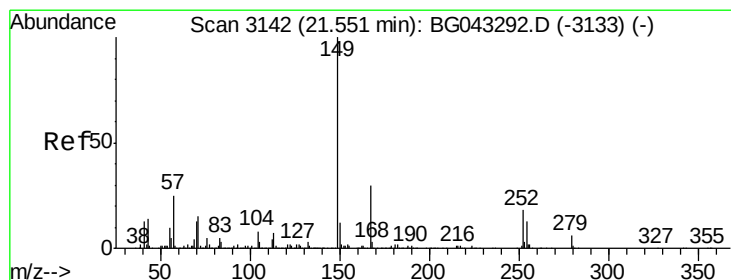
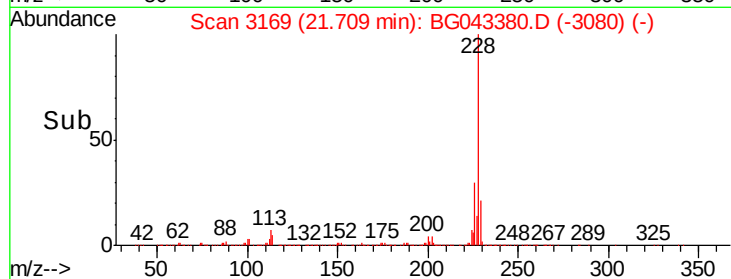
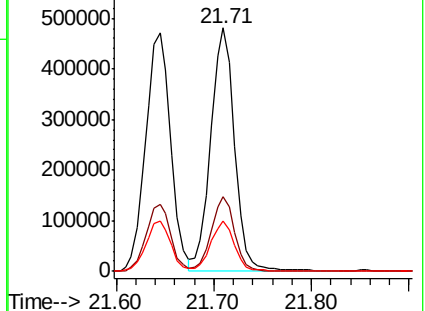
229 20.8 16.3 24.5



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: 42.658 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

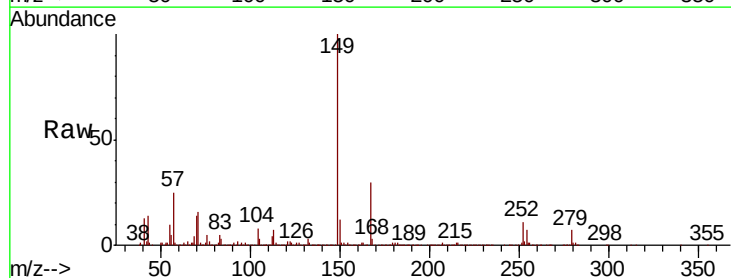
Tgt Ion:149 Resp: 435619

Ion Ratio Lower Upper

149 100

167 29.9 23.9 35.9

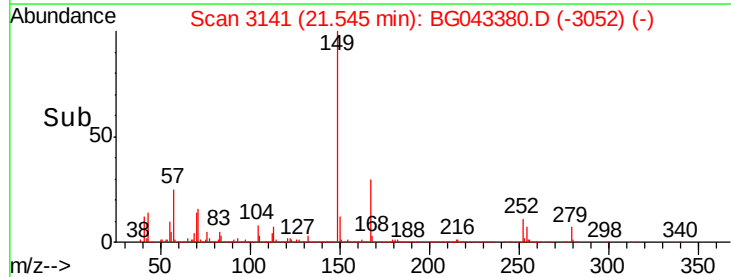
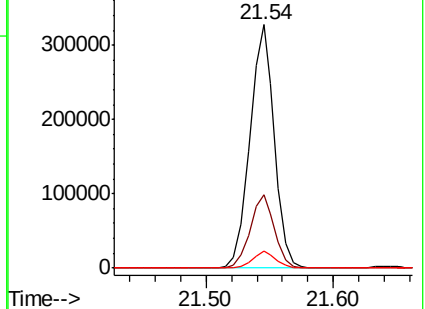
279 6.8 4.8 7.2

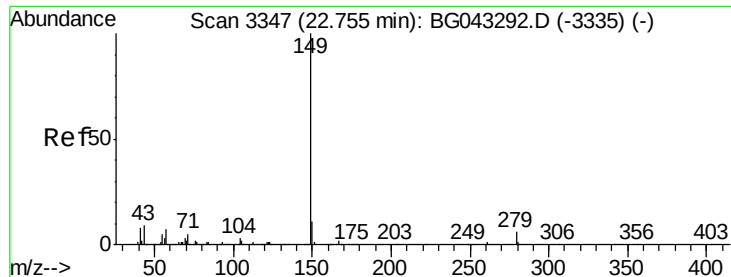


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.015 ng

RT: 22.74 min Scan# 3345

Delta R.T. -0.01 min

Lab File: BG043380.D

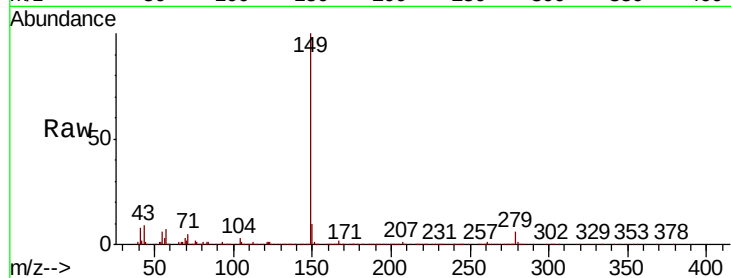
Acq: 29 Oct 2019 18:58

Instrument :

BNA_G

ClientSampled :

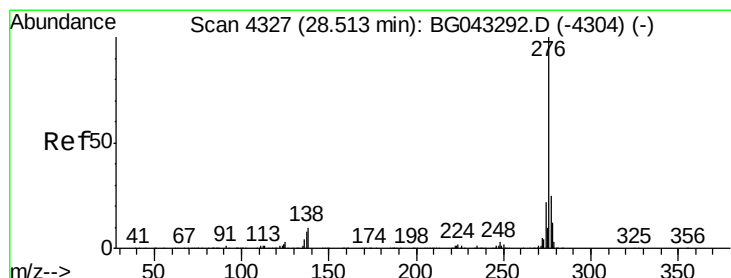
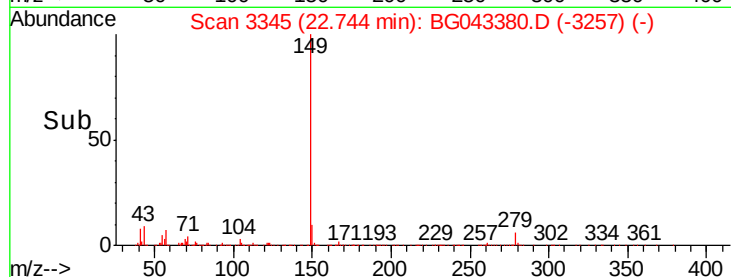
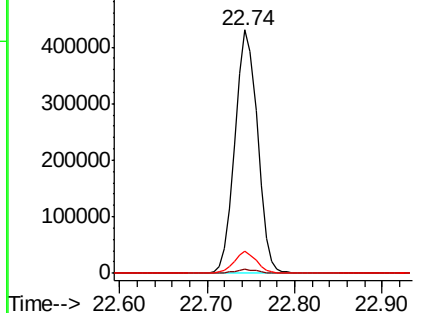
Tot Ion:149	Resp:	745237
Ion Ratio	Lower	Upper
149	100	
167	1.8	1.4 2.0
43	8.5	6.9 10.3



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: 43.917 ng

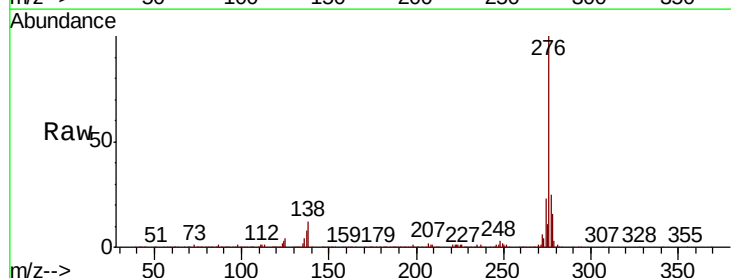
RT: 28.50 min Scan# 4325

Delta R.T. -0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

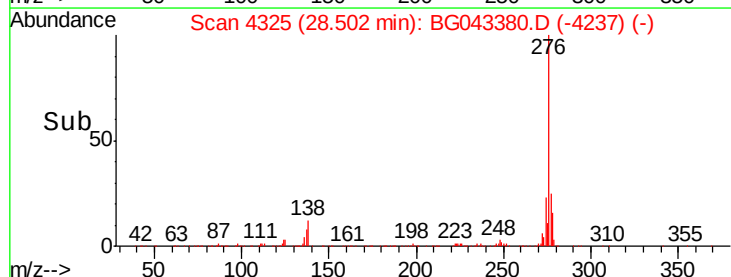
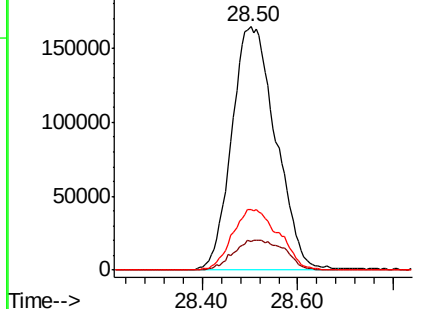
Tgt Ion:276	Resp:	1051752
Ion Ratio	Lower	Upper
276	100	
138	14.2	7.2 10.8#
277	25.9	20.9 31.3

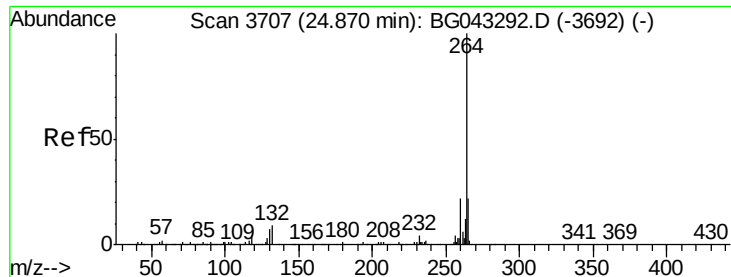


Abundance Ion 276.00 (275.70 to 276.70): E

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: BG043380.D

Acq: 29 Oct 2019 18:58

Instrument :

BNA_G

ClientSampleId :

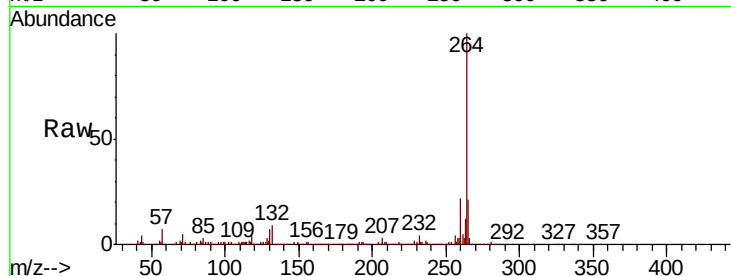
Tot Ion:264 Resp: 367960

Ion Ratio Lower Upper

264 100

260 22.0 17.9 26.9

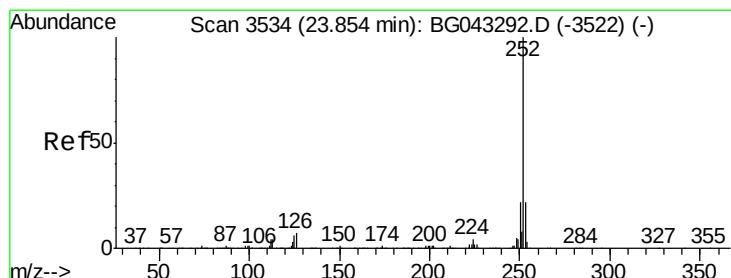
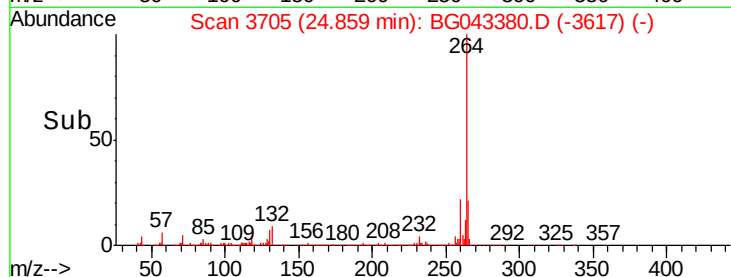
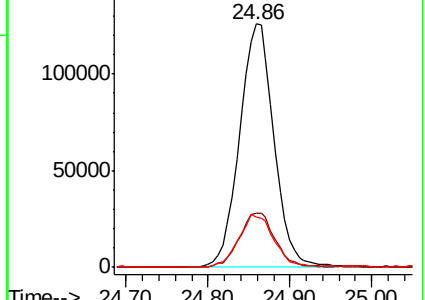
265 20.9 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.198 ng

RT: 23.85 min Scan# 3533

Delta R.T. -0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

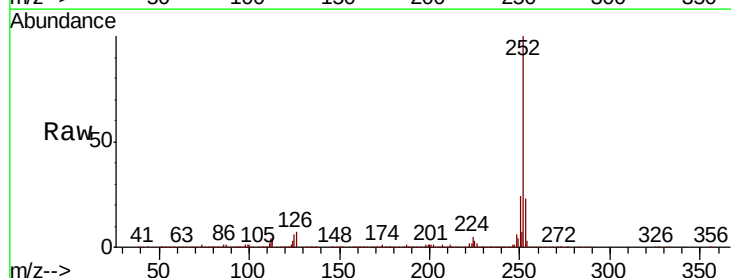
Tgt Ion:252 Resp: 879413

Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.2

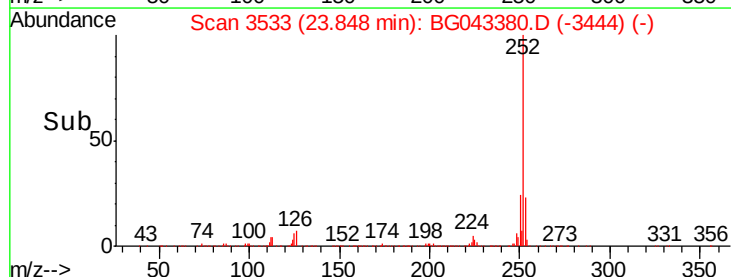
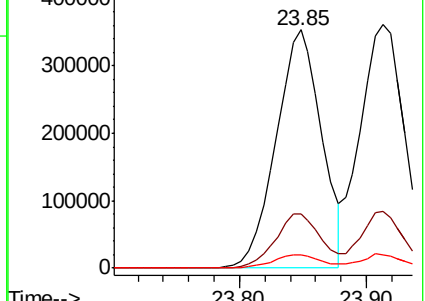
125 5.6 5.0 7.6

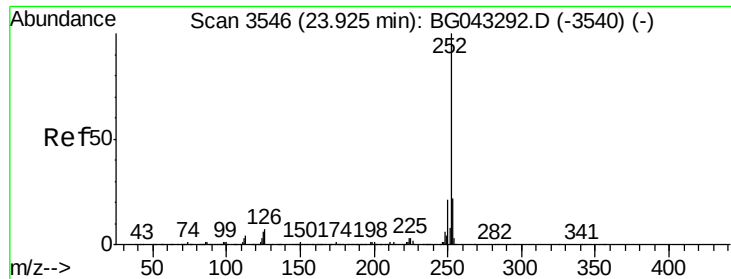


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

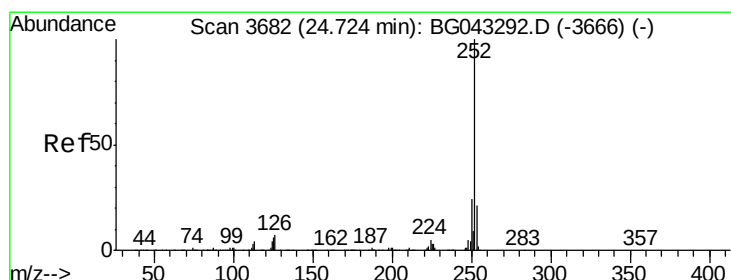
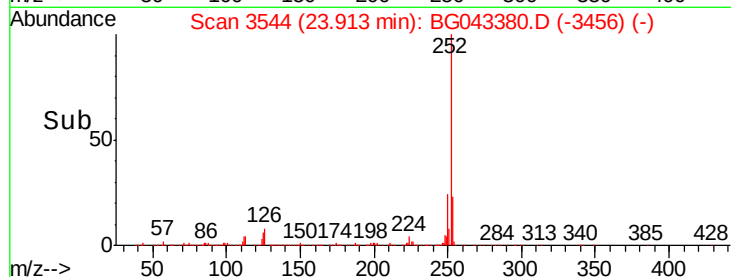
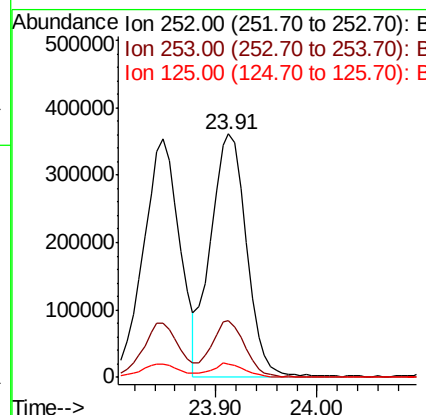
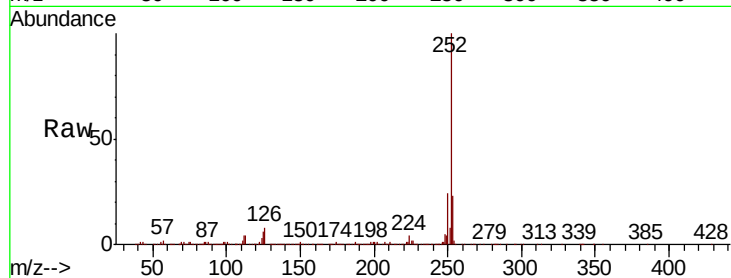




#89
Benzo(k)fluoranthene
Concen: 42.084 ng
RT: 23.91 min Scan# 3544
Delta R.T. -0.01 min
Lab File: BG043380.D
Acq: 29 Oct 2019 18:58

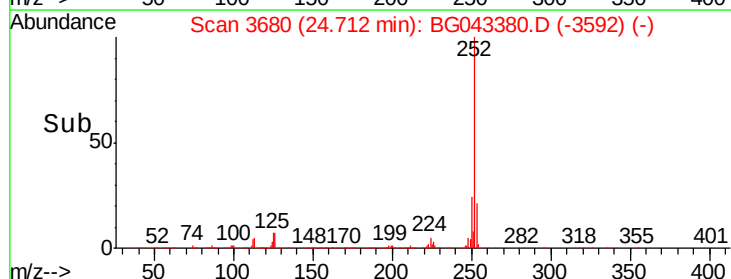
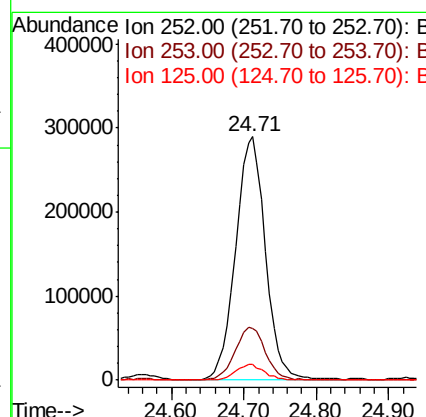
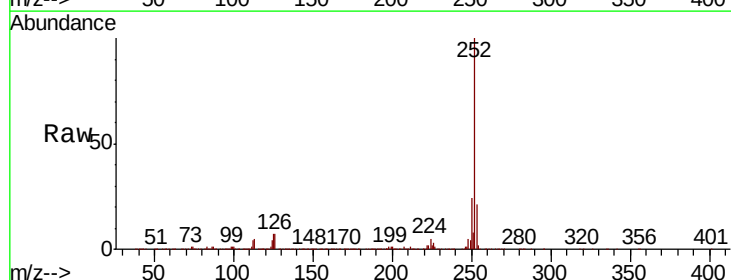
Instrument :
BNA_G
ClientSampled :

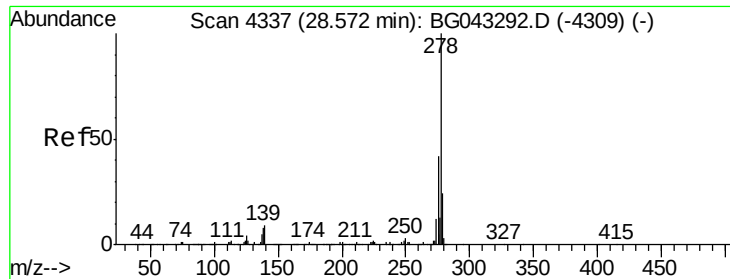
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	5.7	4.5	6.7



#90
Benzo(a)pyrene
Concen: 41.360 ng
RT: 24.71 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG043380.D
Acq: 29 Oct 2019 18:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.2	25.8
125	6.7	5.0	7.6

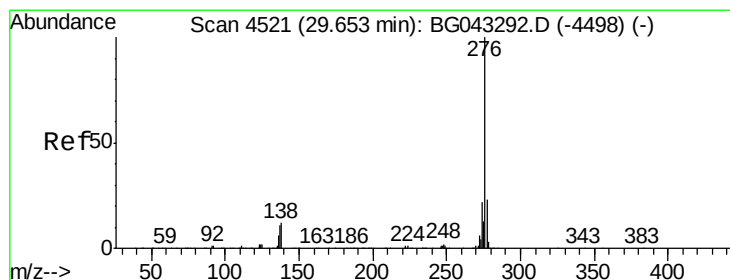
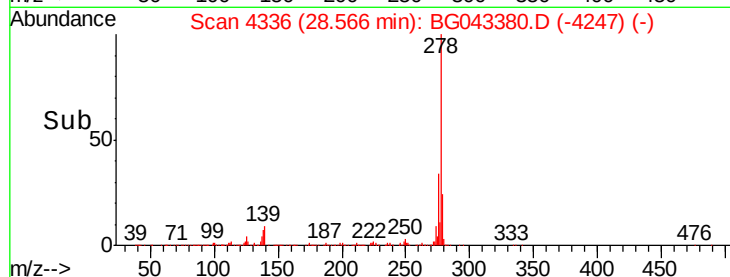
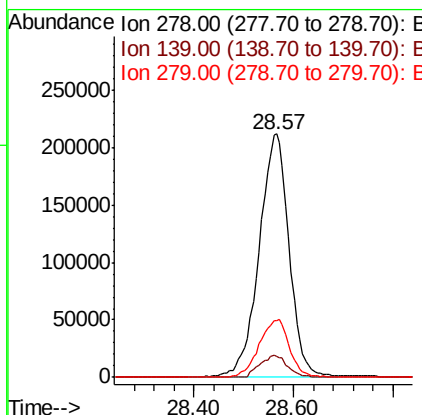
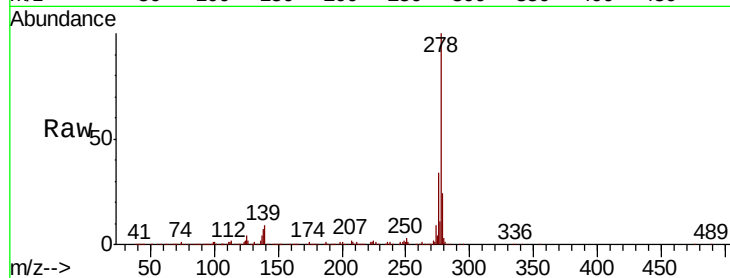




#91
Dibenzo(a,h)anthracene
Concen: 43.411 ng
RT: 28.57 min Scan# 4336
Delta R.T. -0.01 min
Lab File: BG043380.D
Acq: 29 Oct 2019 18:58

Instrument :
BNA_G
ClientSampled :

Tot Ion:278 Resp: 883660
Ion Ratio Lower Upper
278 100
139 8.7 6.8 10.2
279 23.6 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 45.097 ng
RT: 29.65 min Scan# 4520
Delta R.T. -0.01 min
Lab File: BG043380.D
Acq: 29 Oct 2019 18:58

Tgt Ion:276 Resp: 905498
Ion Ratio Lower Upper
276 100
277 24.2 18.3 27.5
138 11.8 9.3 13.9

