

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
 Data File : BG043441.D
 Acq On : 31 Oct 2019 19:41
 Operator : JU
 Sample : K5587-15MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 01 04:01:14 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	8.03	152	42630	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	161544	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	111981	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	267411	20.00	ng	0.00
76) Chrysene-d12	21.66	240	279179	20.00	ng	0.00
87) Perylene-d12	24.86	264	336274	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	343412	147.62	ng	0.00
7) Phenol-d6	7.22	99	476586	142.39	ng	0.01
23) Nitrobenzene-d5	9.18	82	287472	91.74	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	284771	133.63	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	706847	87.22	ng	0.00
79) Terphenyl-d14	20.01	244	1287235	86.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	36799	40.591	ng	# 92
3) Pyridine	3.89	79	89951	39.333	ng	99
4) n-Nitrosodimethylamine	3.81	42	55744	48.306	ng	# 93
6) Aniline	7.36	93	133014	34.497	ng	95
8) 2-Chlorophenol	7.60	128	124523	48.489	ng	97
9) Benzaldehyde	7.16	77	66329	40.323	ng	89
10) Phenol	7.24	94	164795	53.879	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	101597	42.963	ng	97
12) 1,3-Dichlorobenzene	7.91	146	138217	42.957	ng	95
13) 1,4-Dichlorobenzene	8.06	146	143359	44.037	ng	99
14) 1,2-Dichlorobenzene	8.38	146	134590	42.343	ng	100
15) Benzyl Alcohol	8.27	79	110615	47.056	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.55	45	139280	40.506	ng	97
17) 2-Methylphenol	8.48	107	107432	48.182	ng	94
18) Hexachloroethane	9.11	117	50420	42.928	ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	91142	42.140	ng	99
20) 3+4-Methylphenols	8.81	107	144236	47.175	ng	87
22) Acetophenone	8.84	105	180487	43.628	ng	# 98
24) Nitrobenzene	9.23	77	137062	45.917	ng	96
25) Isophorone	9.75	82	258050	45.044	ng	97
26) 2-Nitrophenol	9.94	139	71881	49.880	ng	93
27) 2,4-Dimethylphenol	10.01	122	114634	55.500	ng	99
28) bis(2-Chloroethoxy)methane	10.23	93	141393	44.719	ng	98
29) 2,4-Dichlorophenol	10.49	162	133739	50.535	ng	90
30) 1,2,4-Trichlorobenzene	10.69	180	151195	45.329	ng	98
31) Naphthalene	10.88	128	386765	47.167	ng	99
32) Benzoic acid	10.18	122	59640	39.736	ng	91
33) 4-Chloroaniline	11.00	127	70622	21.011	ng	93
34) Hexachlorobutadiene	11.16	225	109421	44.378	ng	94
35) Caprolactam	11.77	113	19991	21.933	ng	# 81
36) 4-Chloro-3-methylphenol	12.13	107	138128	47.850	ng	98
37) 2-Methylnaphthalene	12.48	142	292599	46.506	ng	96
38) 1-Methylnaphthalene	12.70	142	273924	45.758	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	190027	45.853	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	217178	99.760	nq	96
43) 2,4,6-Trichlorophenol	13.09	196	120396	49.331	nq	97
44) 2,4,5-Trichlorophenol	13.17	196	126574	51.299	nq	98
46) 1,1'-Biphenyl	13.48	154	389124	45.678	nq	98
47) 2-Chloronaphthalene	13.53	162	300232	46.319	nq	98
48) 2-Nitroaniline	13.73	65	88267	45.563	nq	98
49) Acenaphthylene	14.37	152	488469	48.421	nq	99
50) Dimethylphthalate	14.11	163	498832	57.511	nq	100
51) 2,6-Dinitrotoluene	14.23	165	89572	47.535	nq	92
52) Acenaphthene	14.71	154	286692	46.602	nq	98
53) 3-Nitroaniline	14.56	138	49144	27.013	nq	89
54) 2,4-Dinitrophenol	14.77	184	92237	78.534	nq	100
55) Dibenzofuran	15.05	168	469195	47.030	nq	100
56) 4-Nitrophenol	14.89	139	129289	106.047	nq	93
57) 2,4-Dinitrotoluene	15.01	165	126342	46.916	nq	99
58) Fluorene	15.70	166	392841	46.949	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.28	232	126558	48.277	nq	# 98
60) Diethylphthalate	15.46	149	387508	44.463	nq	99
61) 4-Chlorophenyl-phenylether	15.69	204	225594	46.216	nq	99
62) 4-Nitroaniline	15.72	138	78799	41.939	nq	99
63) Azobenzene	15.98	77	324843	46.055	nq	97
65) 4,6-Dinitro-2-methylphenol	15.78	198	75347	47.878	nq	92
66) n-Nitrosodiphenylamine	15.91	169	345629	45.780	nq	99
67) 4-Bromophenyl-phenylether	16.58	248	159313	44.269	nq	97
68) Hexachlorobenzene	16.70	284	177017	42.852	nq	96
69) Atrazine	16.85	200	147197	56.110	nq	95
70) Pentachlorophenol	17.05	266	192644	102.345	nq	95
71) Phenanthrene	17.44	178	620616	45.322	nq	99
72) Anthracene	17.53	178	642120	46.868	nq	100
73) Carbazole	17.80	167	565181	45.554	nq	100
74) Di-n-butylphthalate	18.35	149	667148	44.317	nq	99
75) Fluoranthene	19.45	202	830701	46.533	nq	99
77) Benzidine	19.63	184	397034	70.665	nq	98
78) Pyrene	19.81	202	832786	48.191	nq	99
80) Butylbenzylphthalate	20.69	149	302975	46.277	nq	98
81) Benzo(a)anthracene	21.65	228	855421	48.916	nq	99
82) 3,3'-Dichlorobenzidine	21.56	252	210845	31.172	nq	98
83) Chrysene	21.71	228	838150	48.238	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	443921	47.733	nq	99
85) Di-n-octyl phthalate	22.74	149	763015	48.358	nq	99
86) Indeno(1,2,3-cd)pyrene	28.51	276	1093960	50.158	nq	100
88) Benzo(b)fluoranthene	23.85	252	932473	48.960	nq	99
89) Benzo(k)fluoranthene	23.91	252	904009	47.150	nq	99
90) Benzo(a)pyrene	24.71	252	843804	46.396	nq	97
91) Dibenzo(a,h)anthracene	28.57	278	920261	49.469	nq	100
92) Benzo(g,h,i)perylene	29.65	276	918668	50.064	nq	99

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

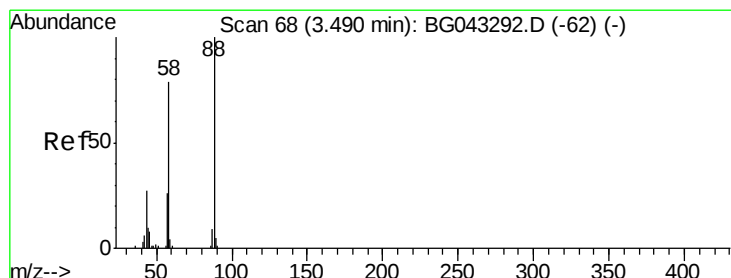
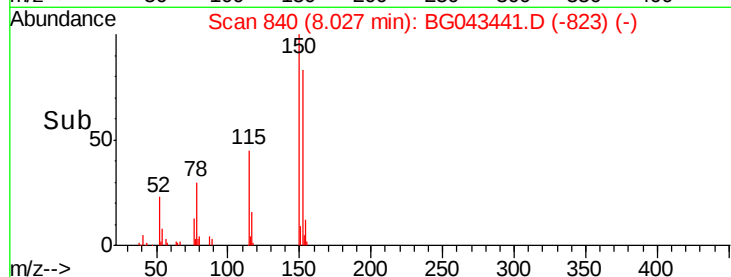
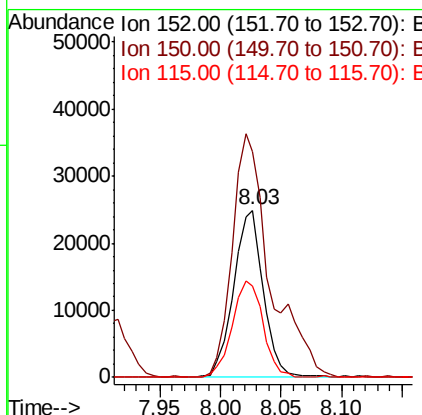
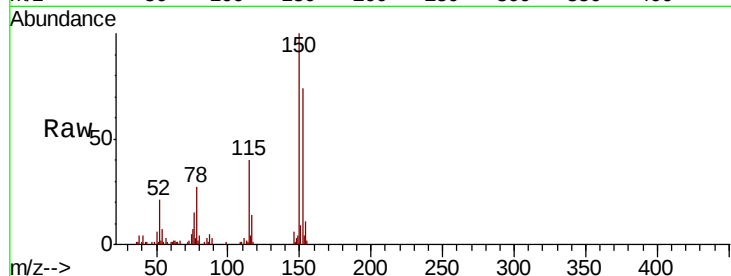


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG043441.D
Acq: 31 Oct 2019 19:41

Instrument :
BNA_G
ClientSampled :

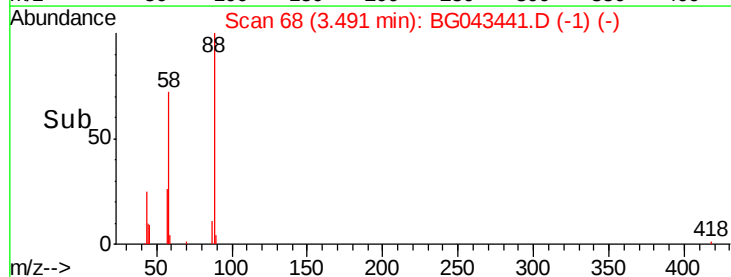
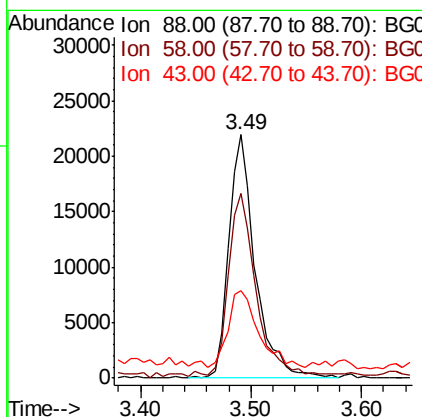
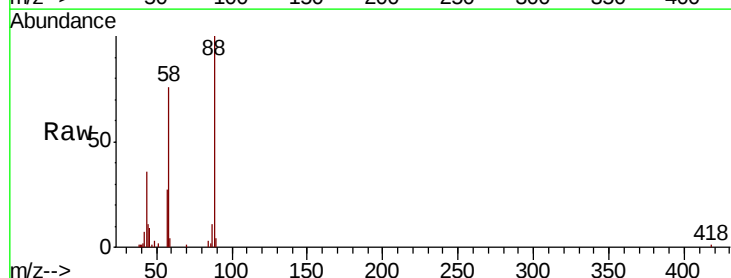
Tot Ion	Ratio	Lower	Upper
152	100		
150	135.6	113.6	170.4
115	54.4	45.9	68.9



#2

1,4-Dioxane
Concen: 40.591 ng
RT: 3.49 min Scan# 68
Delta R.T. 0.00 min
Lab File: BG043441.D
Acq: 31 Oct 2019 19:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.1	60.2	90.2
43	36.5	22.7	34.1





#3

Pvridine

Concen: 39.333 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.00 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

Instrument :

BNA_G

ClientSampleId :

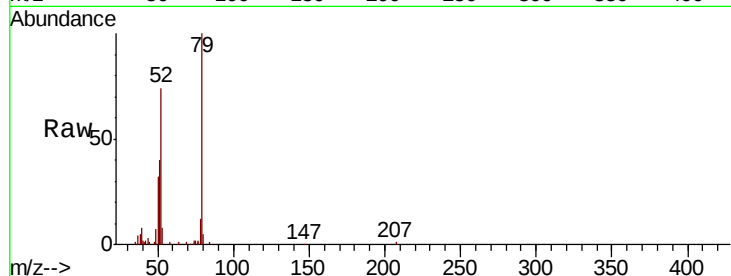
Tot Ion: 79 Resp: 89951

Ion Ratio Lower Upper

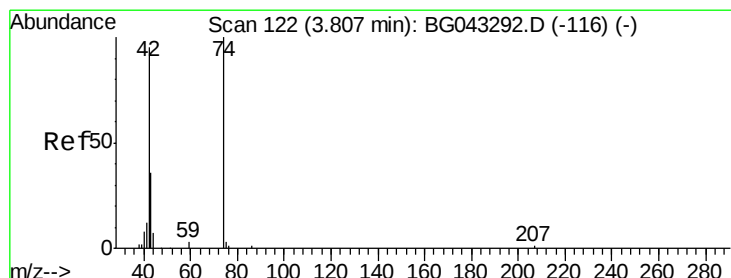
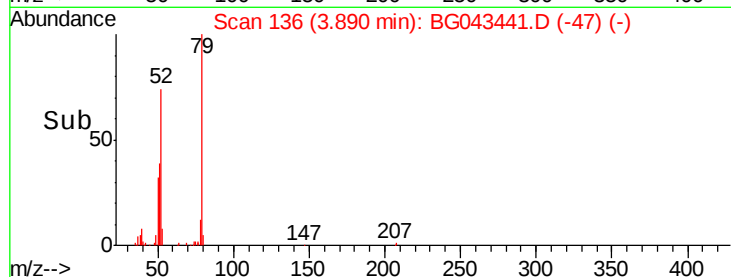
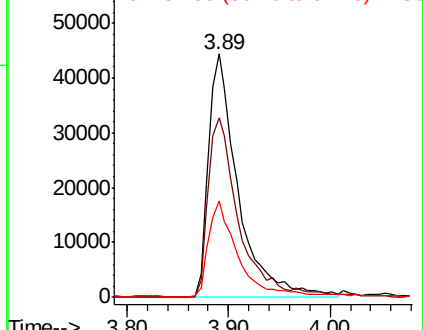
79 100

52 74.0 59.7 89.5

51 39.6 31.8 47.6



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



#4

n-Nitrosodimethylamine

Concen: 48.306 ng

RT: 3.81 min Scan# 122

Delta R.T. 0.00 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

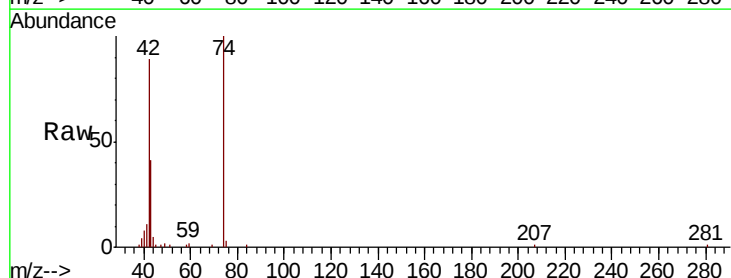
Tgt Ion: 42 Resp: 55744

Ion Ratio Lower Upper

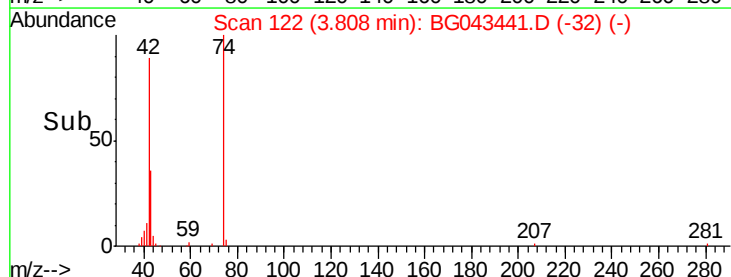
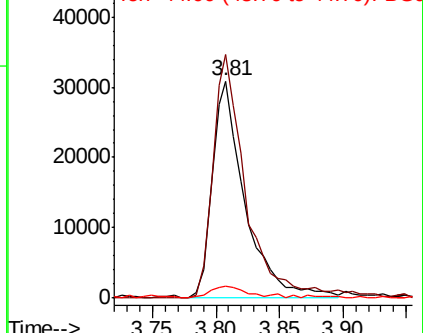
42 100

74 112.1 84.2 126.2

44 5.3 6.0 9.0#



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





#5

2-Fluorophenol

Concen: 147.615 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

Instrument :

BNA_G

ClientSampleId :

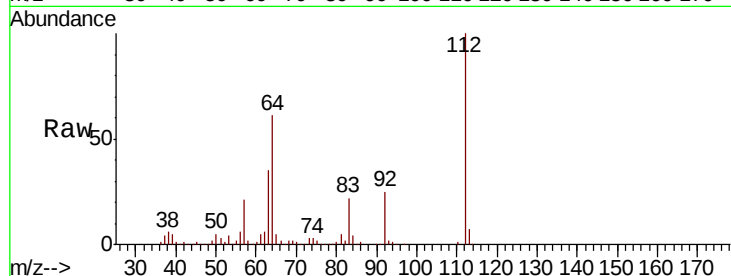
Tot Ion:112 Resp: 343412

Ion Ratio Lower Upper

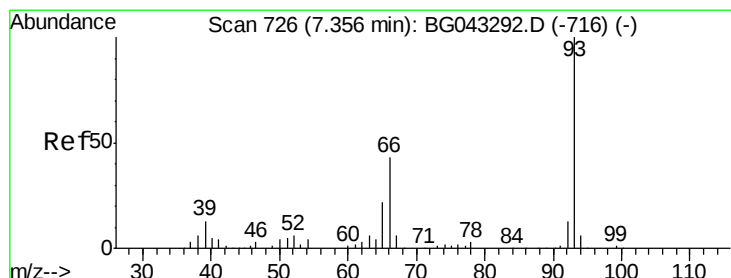
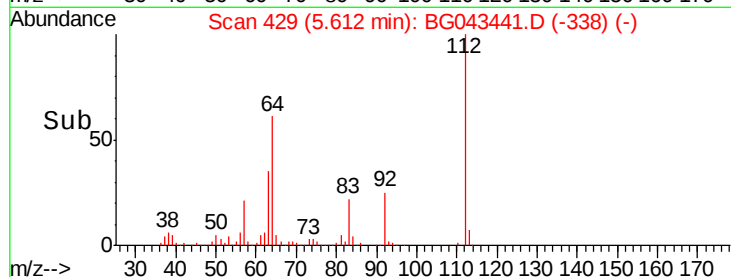
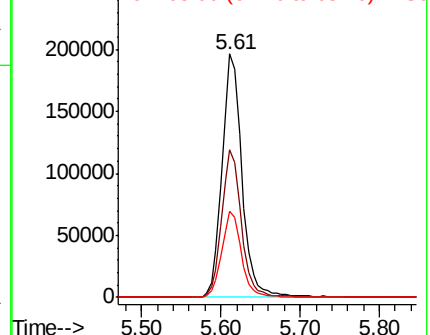
112 100

64 60.5 50.2 75.2

63 35.5 26.7 40.1



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 34.497 ng

RT: 7.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

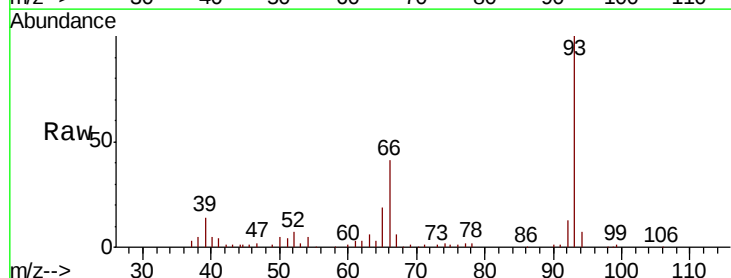
Tgt Ion: 93 Resp: 133014

Ion Ratio Lower Upper

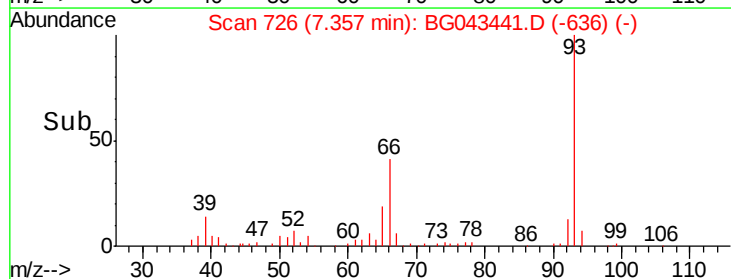
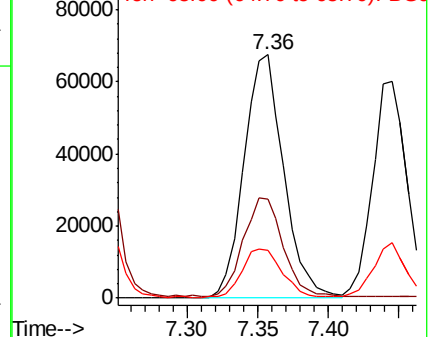
93 100

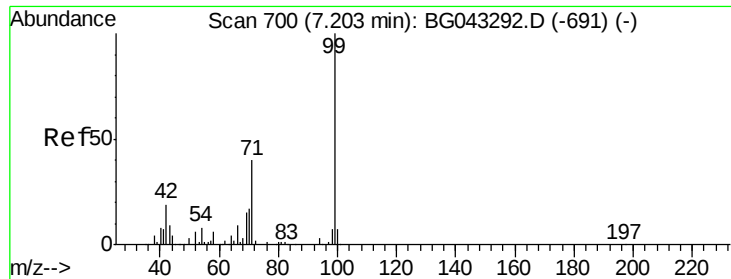
66 40.6 34.5 51.7

65 19.4 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: 142.386 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

Instrument :

BNA_G

ClientSampleId :

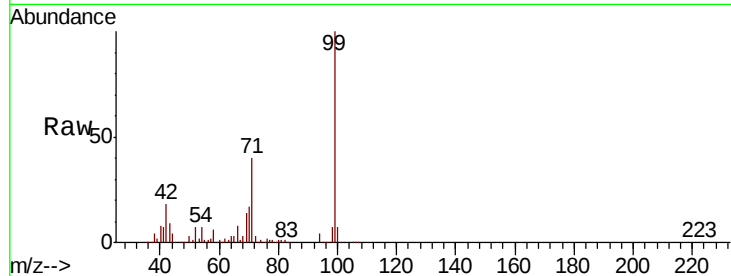
Tot Ion: 99 Resp: 476586

Ion Ratio Lower Upper

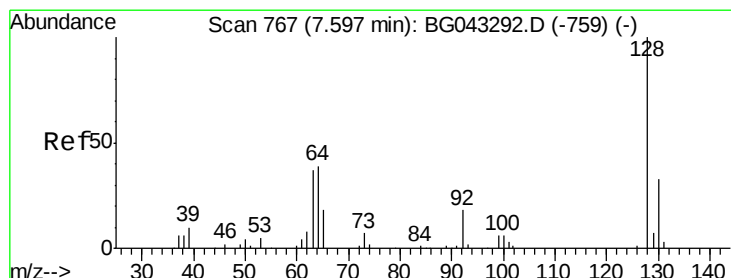
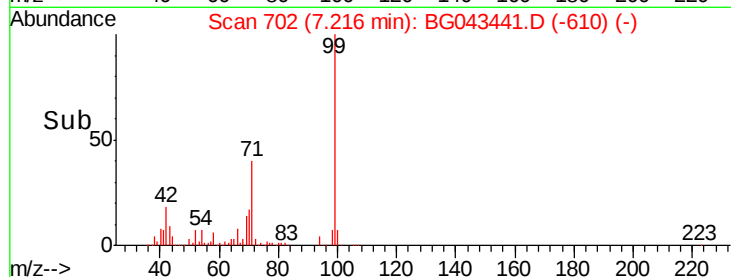
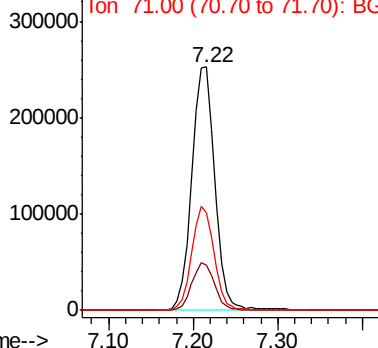
99 100

42 18.3 14.9 22.3

71 40.0 32.2 48.2



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



#8

2-Chlorophenol

Concen: 48.489 ng

RT: 7.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

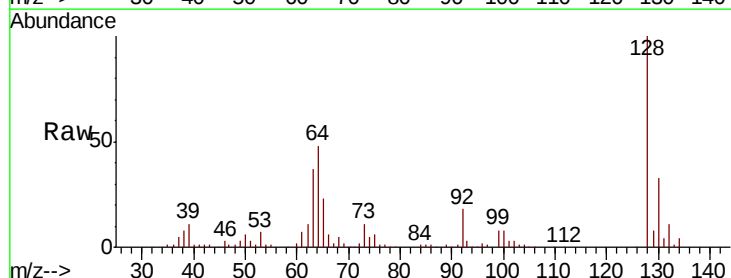
Tgt Ion: 128 Resp: 124523

Ion Ratio Lower Upper

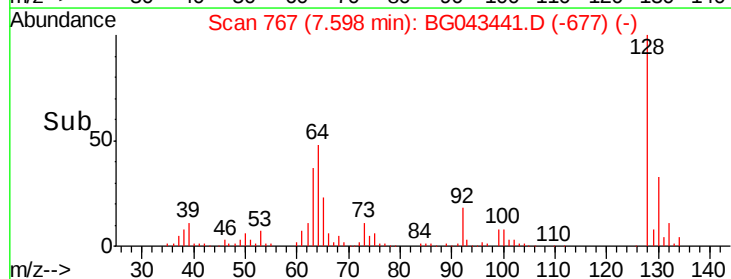
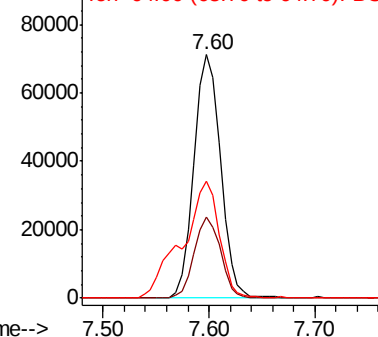
128 100

130 33.0 12.9 52.9

64 48.3 24.9 64.9



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





#9

Benzaldehyde

Concen: 40.323 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.00 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

Instrument :

BNA_G

ClientSampled :

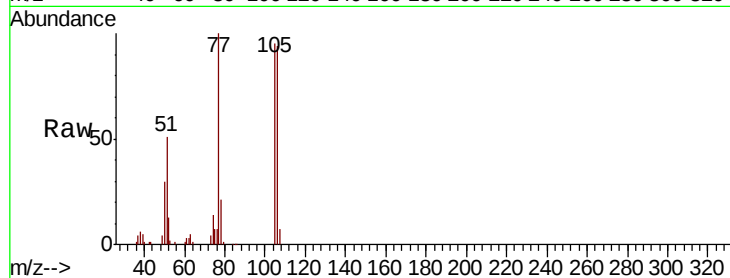
Tot Ion: 77 Resp: 66329

Ion Ratio Lower Upper

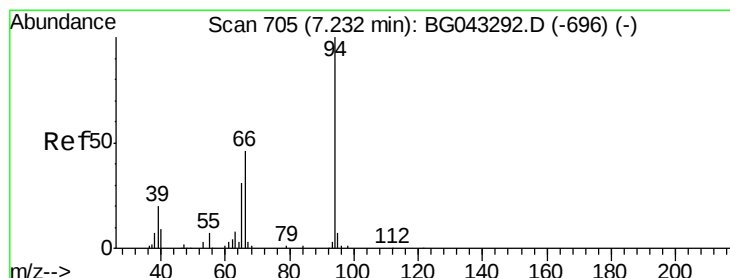
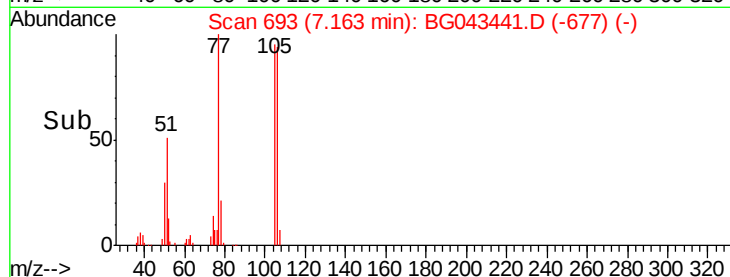
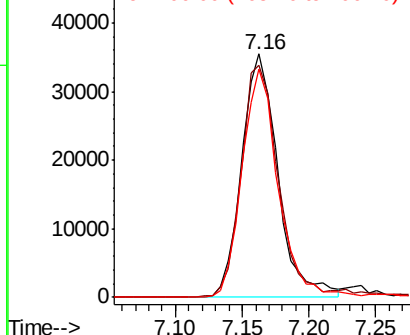
77 100

105 95.1 68.7 108.7

106 93.7 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: 53.879 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

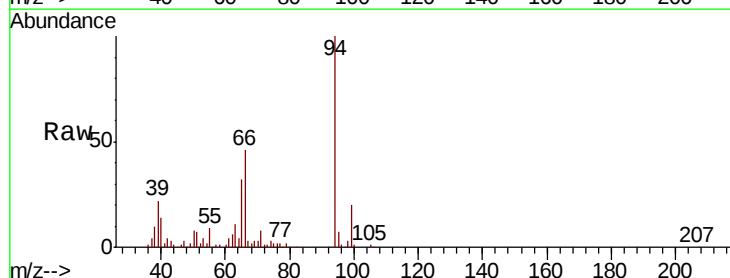
Tgt Ion: 94 Resp: 164795

Ion Ratio Lower Upper

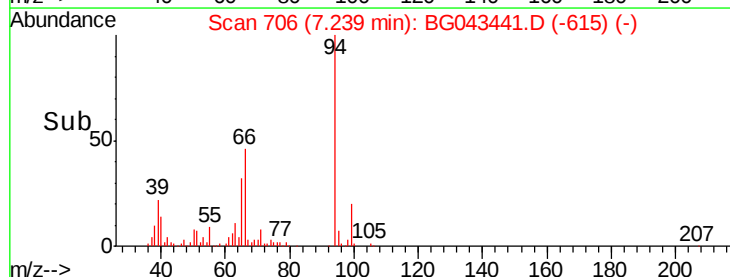
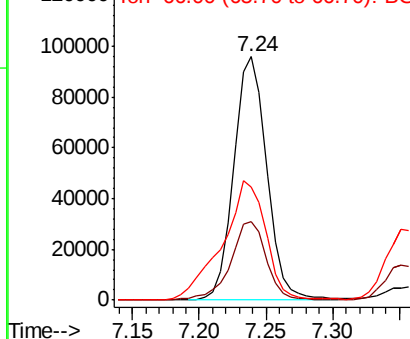
94 100

65 32.4 11.1 51.1

66 46.3 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

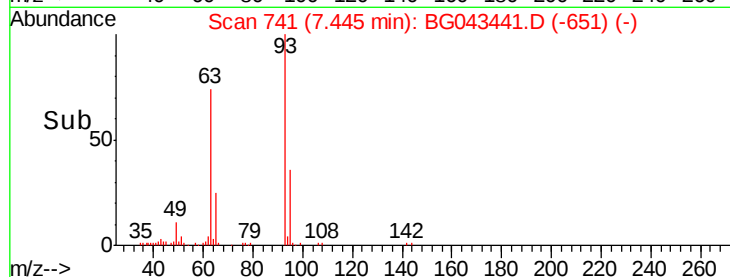
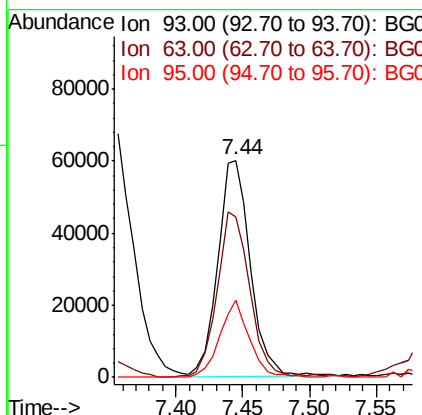
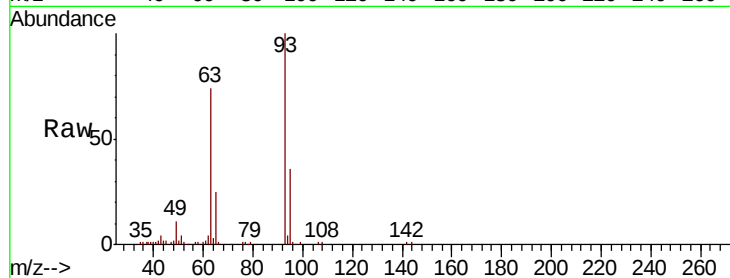




#11
 bis(2-Chloroethyl)ether
 Concen: 42.963 ng
 RT: 7.44 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BG043441.D
 Acq: 31 Oct 2019 19:41

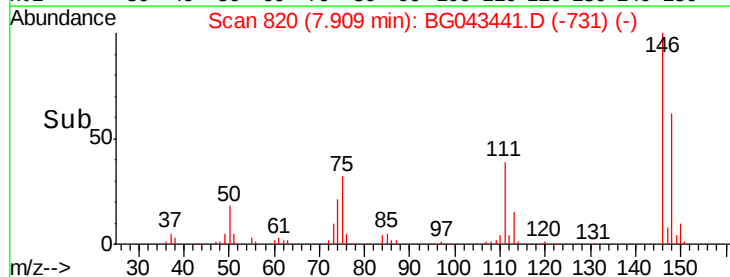
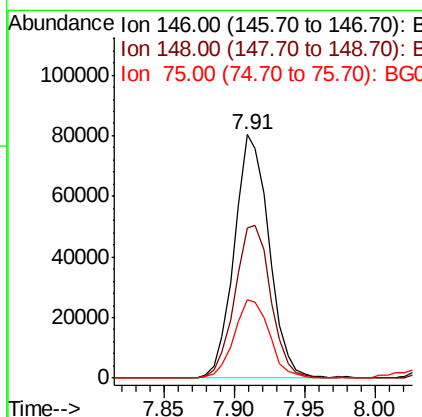
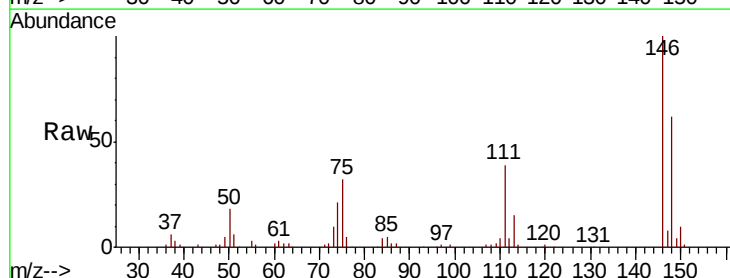
Instrument :
 BNA_G
 ClientSampleId :

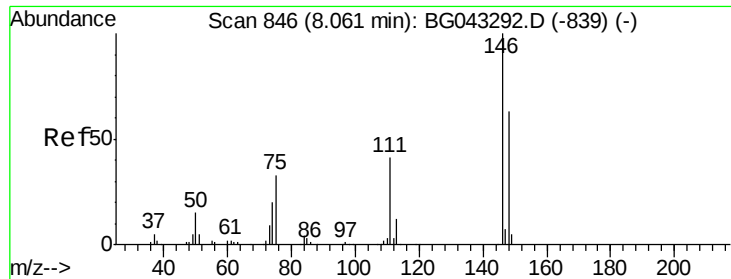
Tot Ion	93	Resp	101597
Ion	Ratio	Lower	Upper
93	100		
63	74.2	54.6	94.6
95	35.6	9.7	49.7



#12
 1,3-Dichlorobenzene
 Concen: 42.957 ng
 RT: 7.91 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG043441.D
 Acq: 31 Oct 2019 19:41

Tgt Ion	146	Resp	138217
Ion	Ratio	Lower	Upper
146	100		
148	61.9	53.4	80.2
75	32.1	27.0	40.4

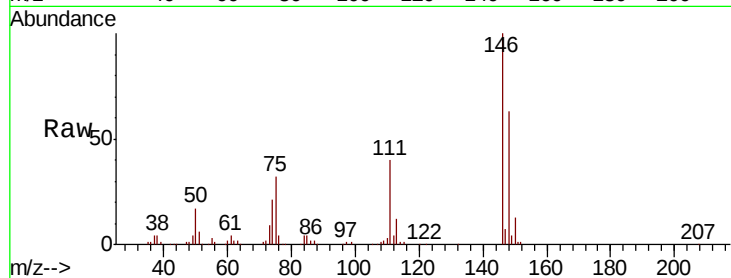




#13
 1,4-Dichlorobenzene
 Concen: 44.037 ng
 RT: 8.06 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BG043441.D
 Acq: 31 Oct 2019 19:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.7	76.1
111	39.6	33.0	49.6

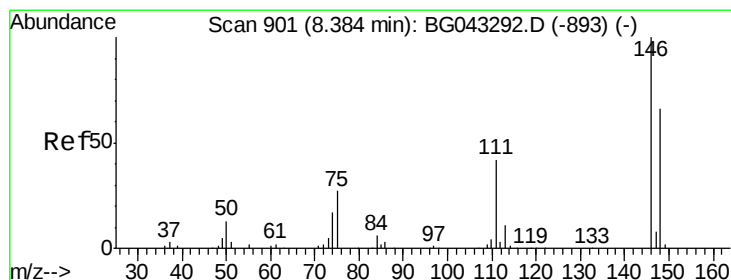
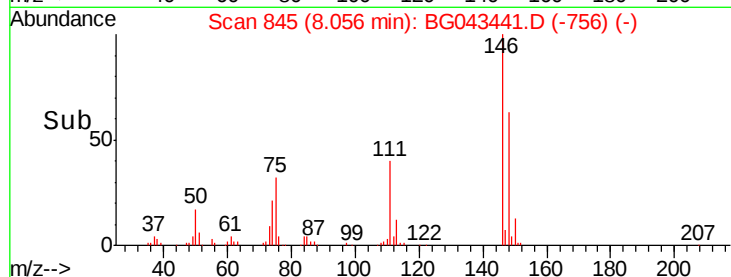
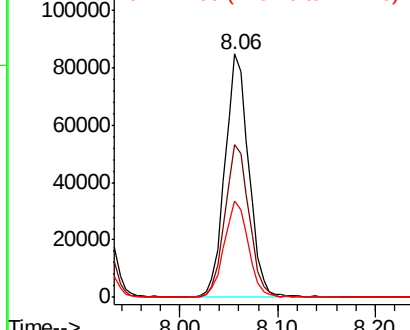


Abundance

Ion 146.00 (145.70 to 146.70): E

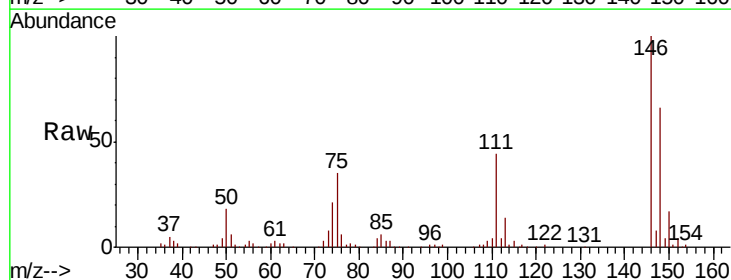
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 42.343 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BG043441.D
 Acq: 31 Oct 2019 19:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.3	53.0	79.4
111	43.7	34.5	51.7

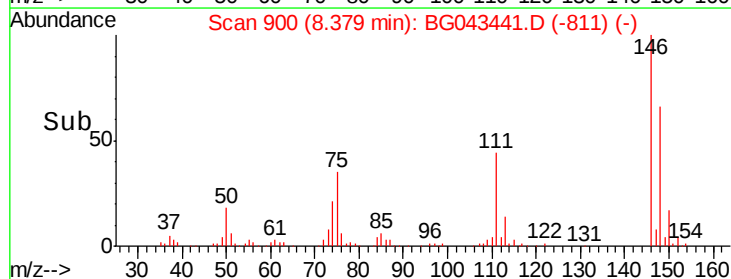
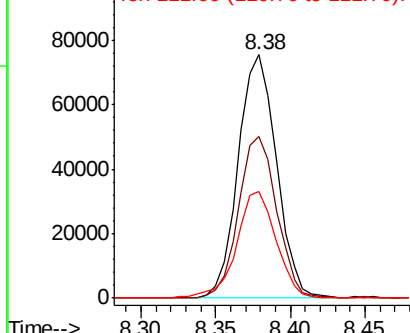


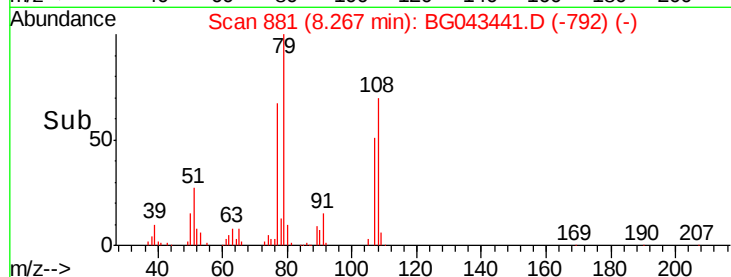
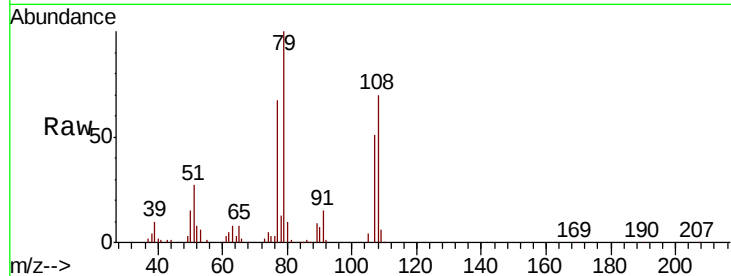
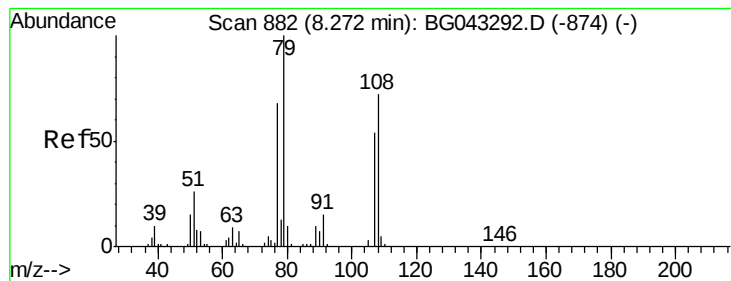
Abundance

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: 47.056 ng

RT: 8.27 min Scan# 881

Delta R.T. -0.00 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

Instrument :

BNA_G

ClientSampleId :

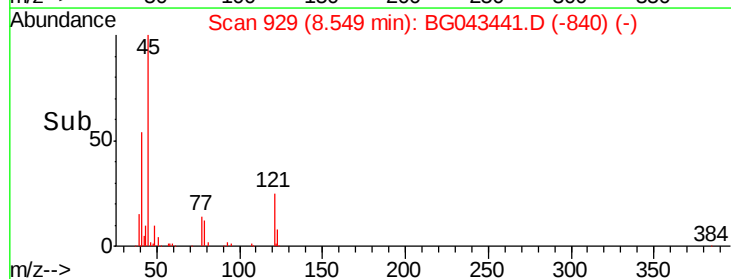
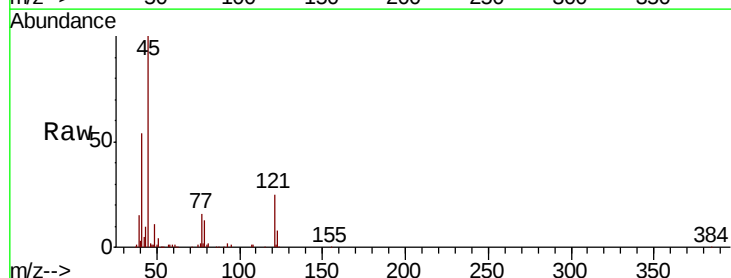
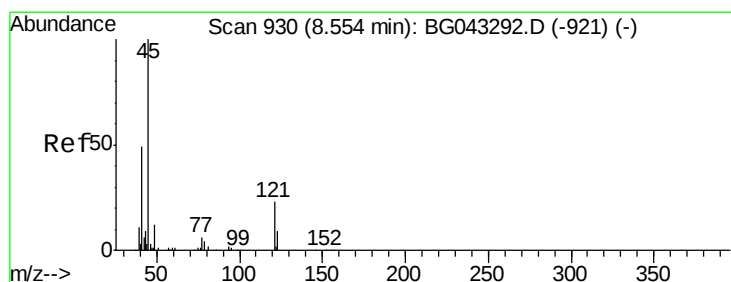
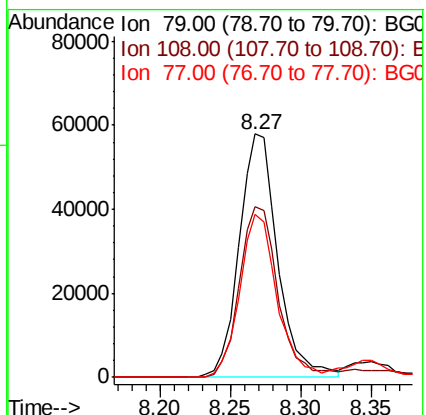
Tot Ion: 79 Resp: 110615

Ion Ratio Lower Upper

79 100

108 70.1 57.3 85.9

77 66.9 54.6 81.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.506 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.00 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

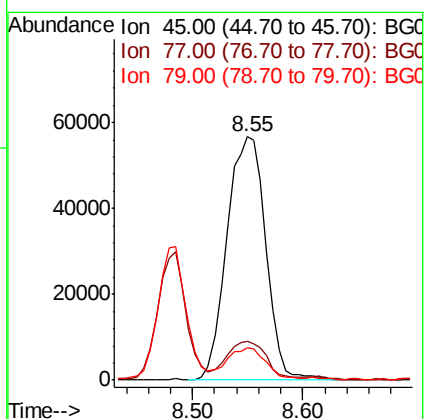
Tgt Ion: 45 Resp: 139280

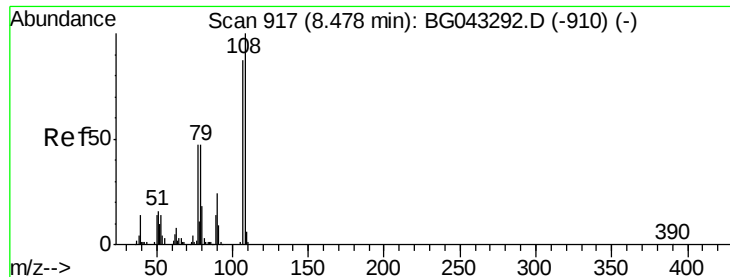
Ion Ratio Lower Upper

45 100

77 15.7 0.0 34.2

79 13.5 0.0 32.3





#17

2-Methylphenol

Concen: 48.182 ng

RT: 8.48 min Scan# 917

Delta R.T. 0.00 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 107432

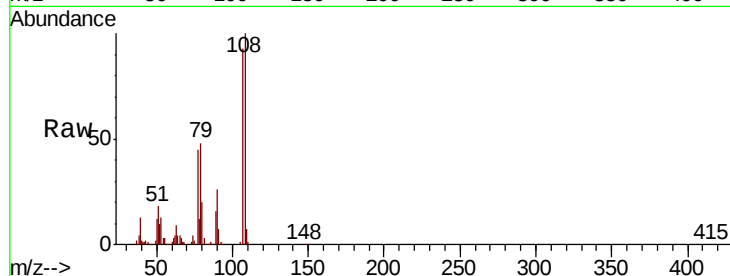
Ion Ratio Lower Upper

107 100

108 107.7 91.3 136.9

77 48.4 43.0 64.6

79 52.1 43.4 65.2

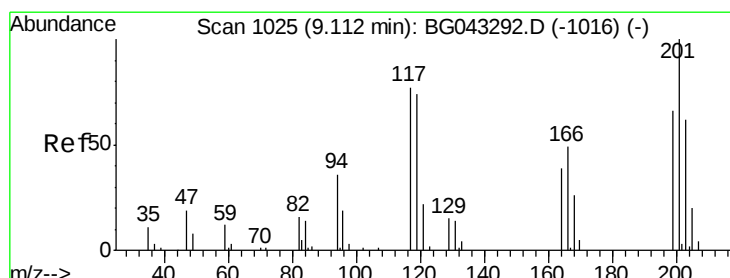
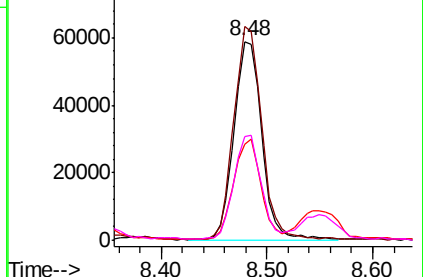
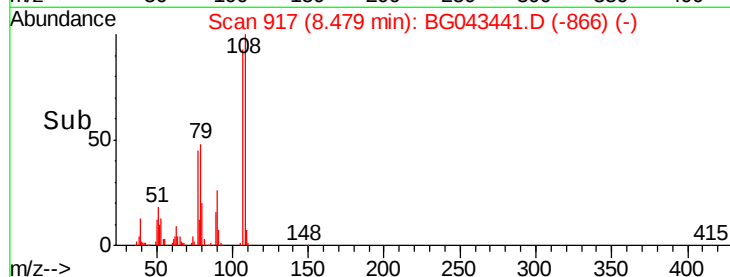


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.928 ng

RT: 9.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

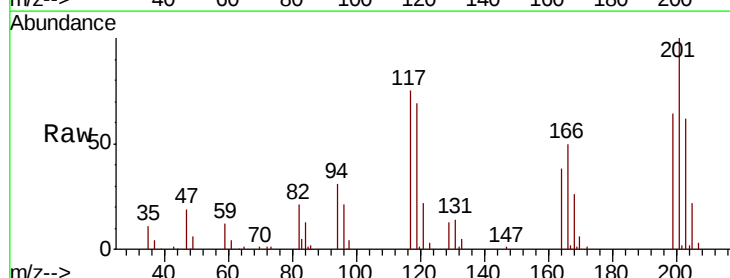
Tgt Ion:117 Resp: 50420

Ion Ratio Lower Upper

117 100

119 92.8 77.3 115.9

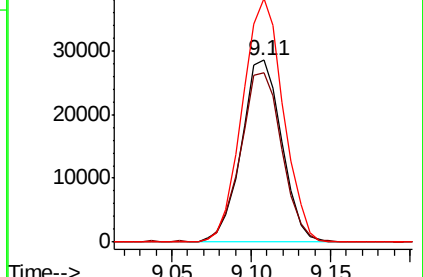
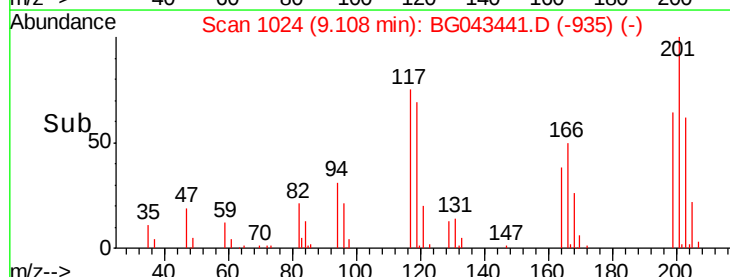
201 133.8 104.2 156.4

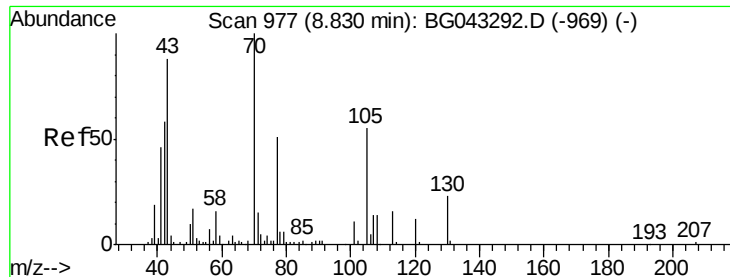


Abundance Ion 117.00 (116.70 to 117.70): E

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: 42.140 ng

RT: 8.83 min Scan# 976

Delta R.T. -0.00 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 91142

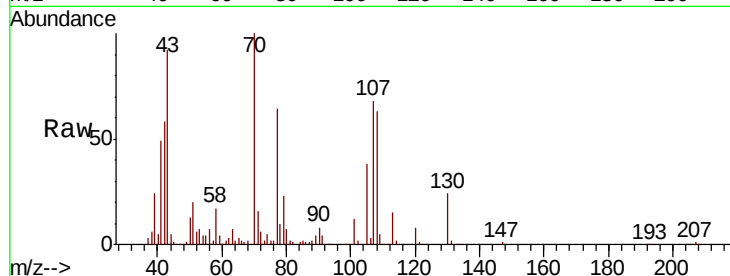
Ion Ratio Lower Upper

70 100

42 58.5 46.2 69.2

101 11.6 8.6 13.0

130 24.1 18.6 27.8



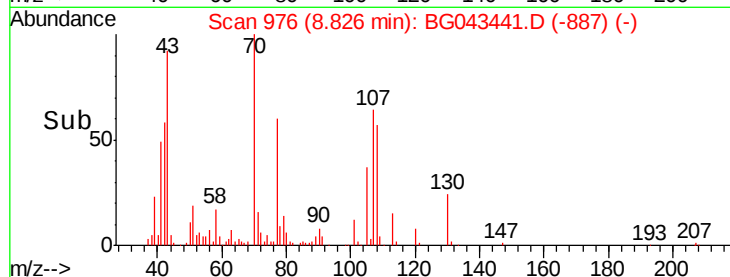
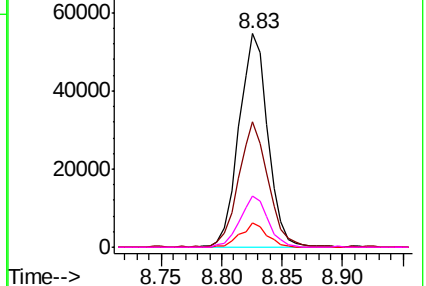
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 47.175 ng

RT: 8.81 min Scan# 974

Delta R.T. 0.01 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

Tgt Ion:107 Resp: 144236

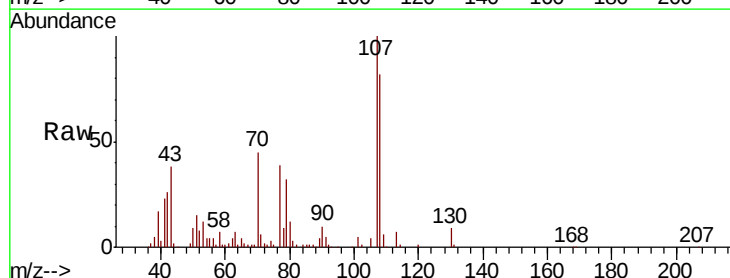
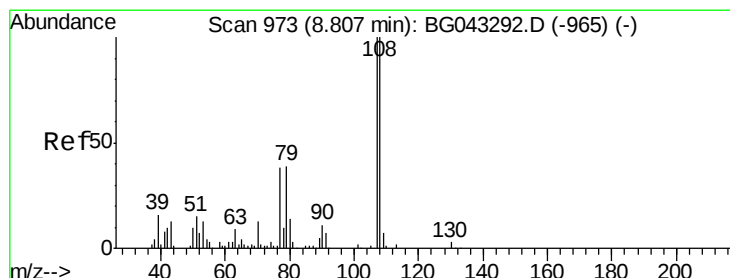
Ion Ratio Lower Upper

107 100

108 82.5 80.3 120.3

77 38.8 18.2 58.2

79 32.0 18.8 58.8



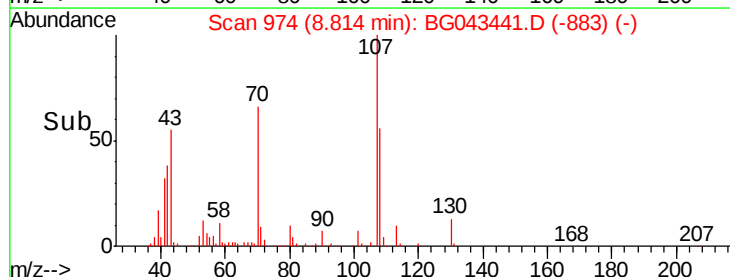
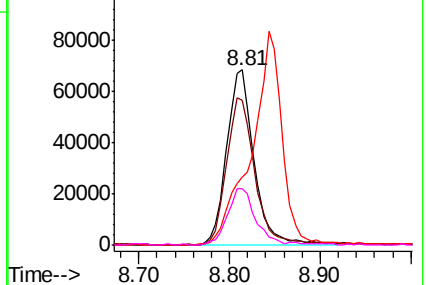
Abundance

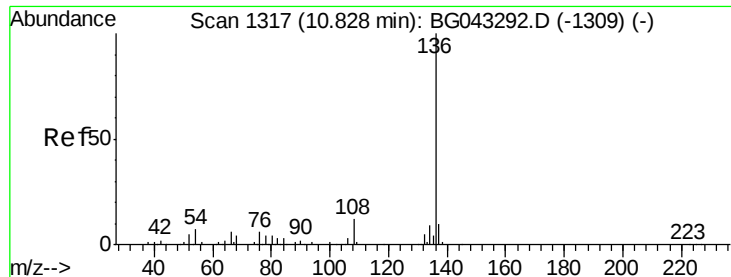
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 161544

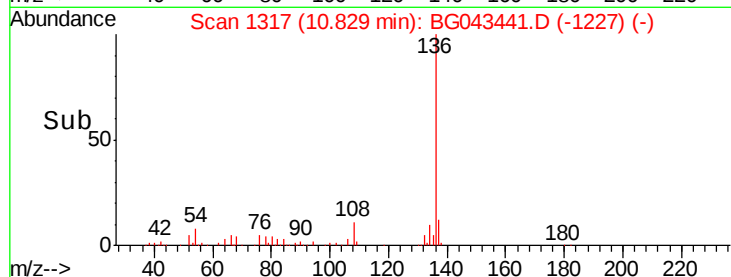
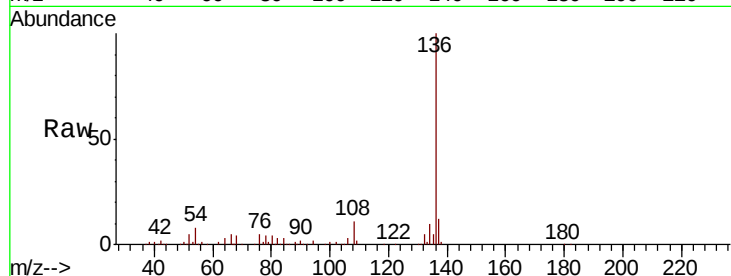
Ion Ratio Lower Upper

136 100

137 11.6 8.2 12.2

54 8.2 5.4 8.2#

68 4.0 3.3 4.9

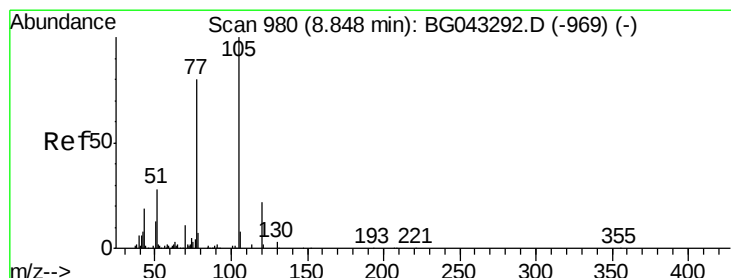
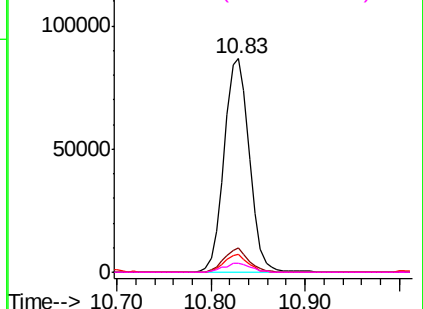


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 43.628 ng

RT: 8.84 min Scan# 979

Delta R.T. -0.00 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

Tgt Ion:105 Resp: 180487

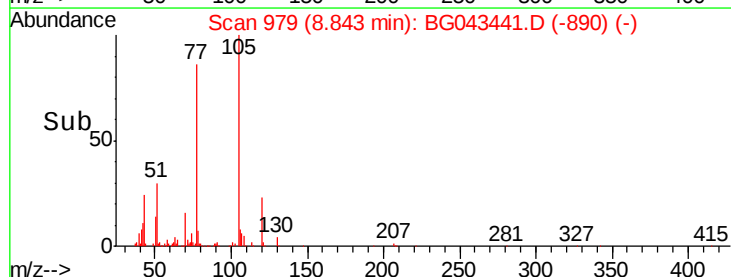
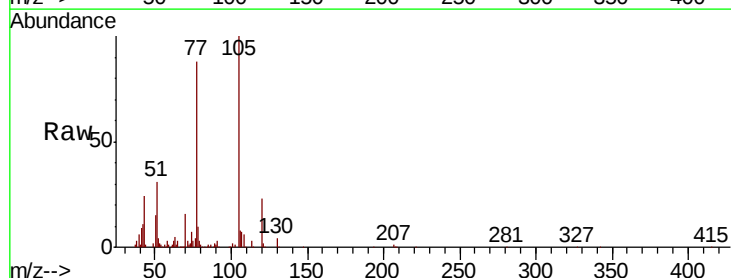
Ion Ratio Lower Upper

105 100

71 2.6 1.5 2.3#

51 30.6 23.9 35.9

120 23.0 17.3 25.9

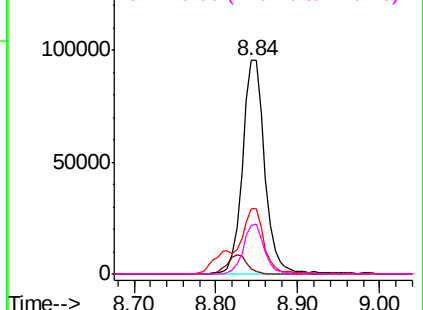


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

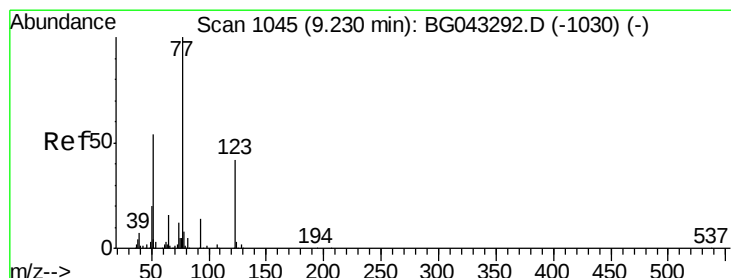
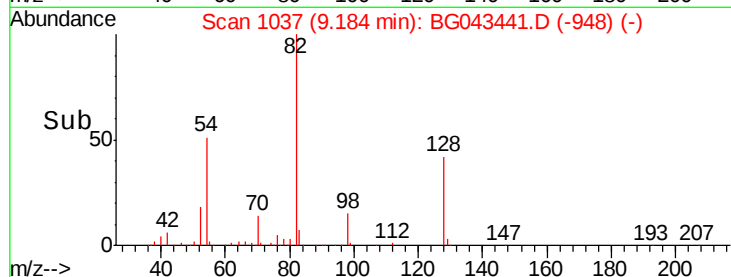
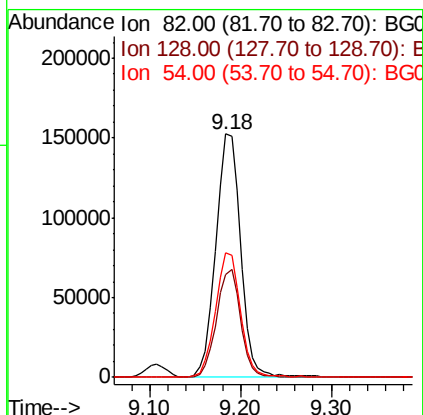
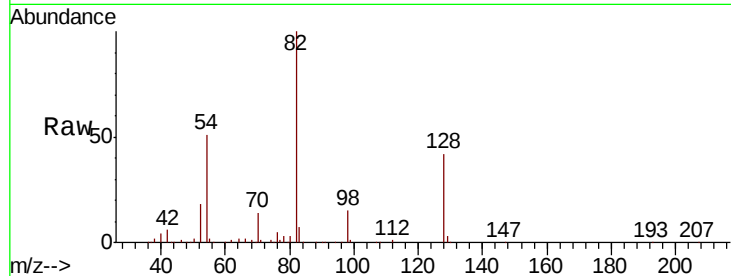




#23
Nitrobenzene-d5
Concen: 91.743 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG043441.D
Acq: 31 Oct 2019 19:41

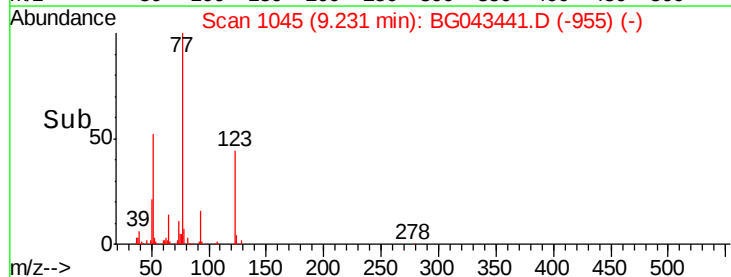
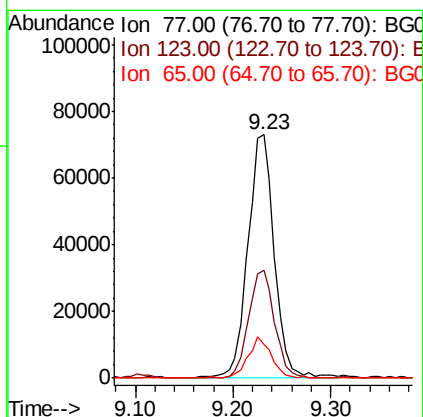
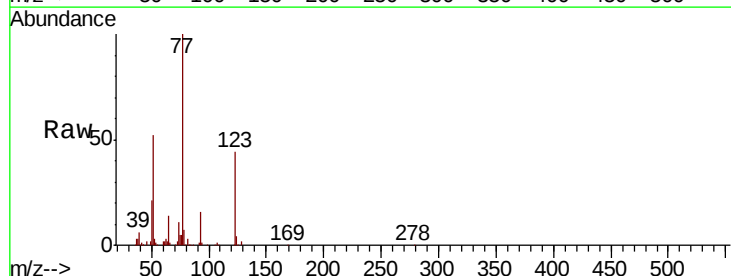
Instrument :
BNA_G
ClientSampleId :

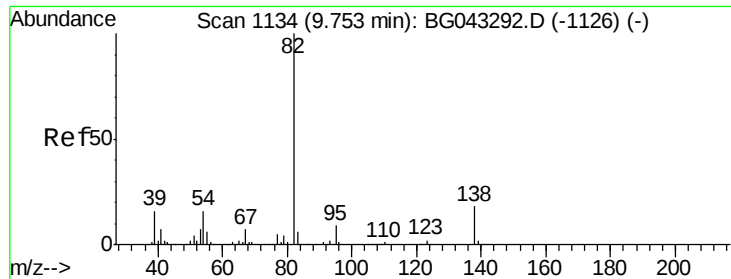
Tot Ion	82	Resp	287472
Ion Ratio	100	Lower	Upper
128	42.3	35.3	52.9
54	50.9	42.3	63.5



#24
Nitrobenzene
Concen: 45.917 ng
RT: 9.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BG043441.D
Acq: 31 Oct 2019 19:41

Tgt Ion	77	Resp	137062
Ion Ratio	100	Lower	Upper
123	44.4	33.8	50.8
65	13.9	13.0	19.4





#25

Isophorone

Concen: 45.044 ng

RT: 9.75 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

Instrument :

BNA_G

ClientSampleId :

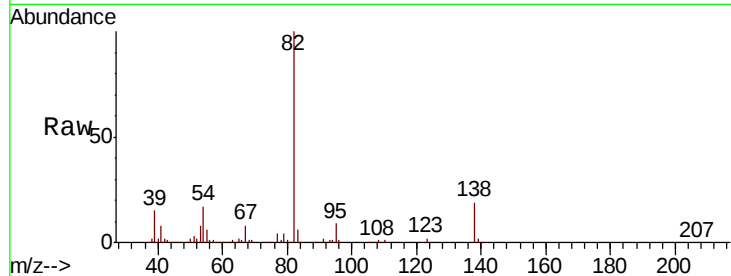
Tot Ion: 82 Resp: 258050

Ion Ratio Lower Upper

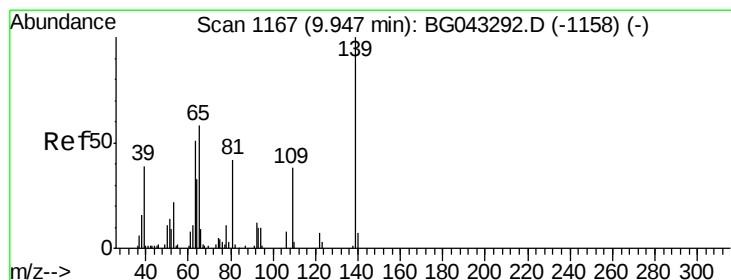
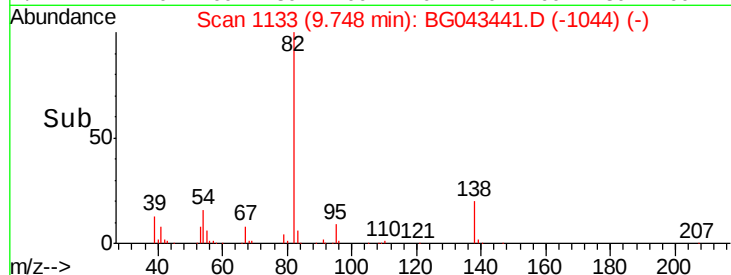
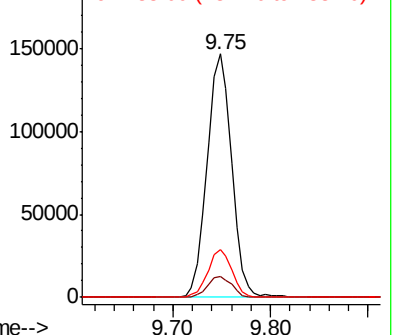
82 100

95 8.7 6.9 10.3

138 19.5 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: 49.880 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

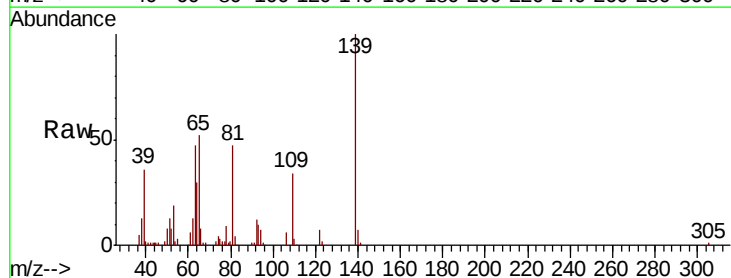
Tgt Ion: 139 Resp: 71881

Ion Ratio Lower Upper

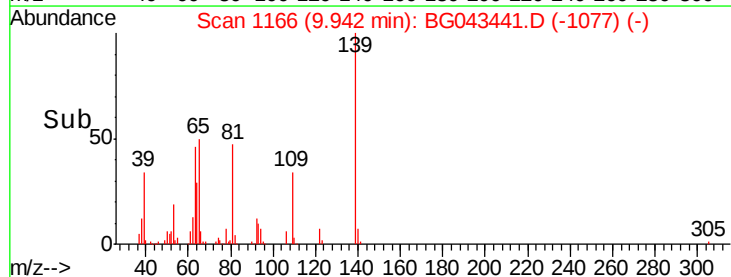
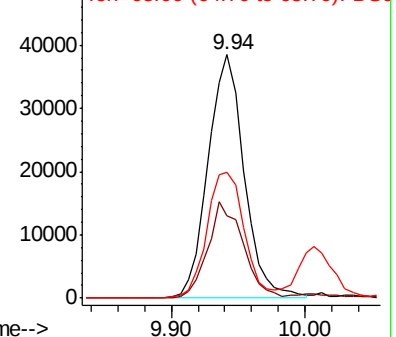
139 100

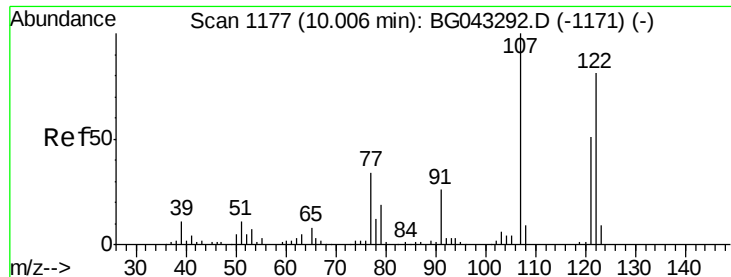
109 33.6 30.1 45.1

65 51.9 46.1 69.1



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

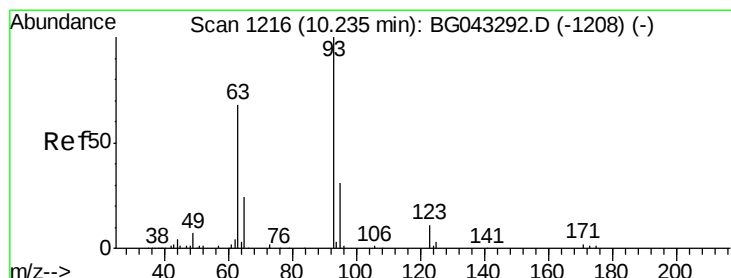
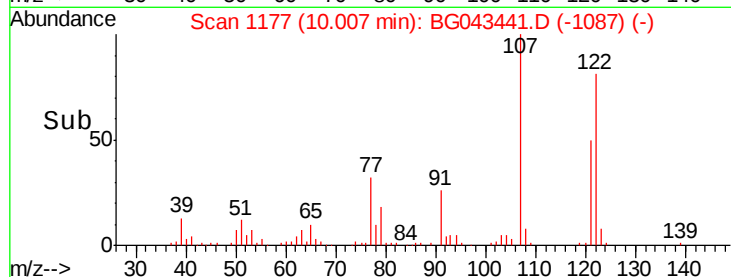
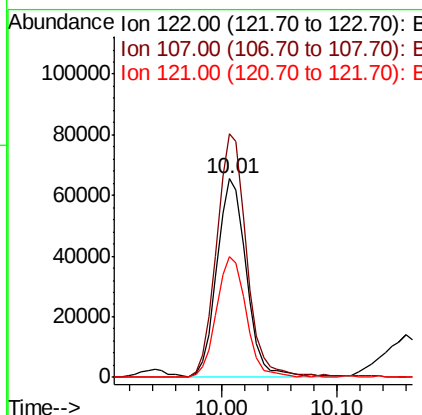
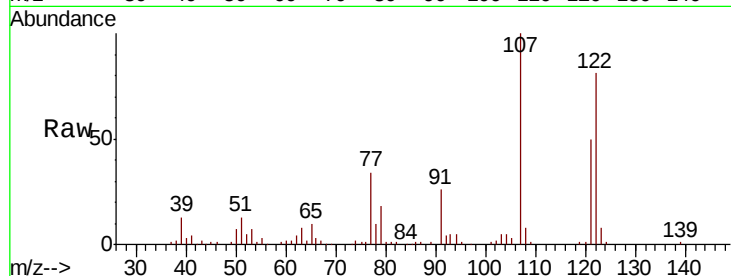




#27
 2,4-Dimethylphenol
 Concen: 55.500 ng
 RT: 10.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BG043441.D
 Acq: 31 Oct 2019 19:41

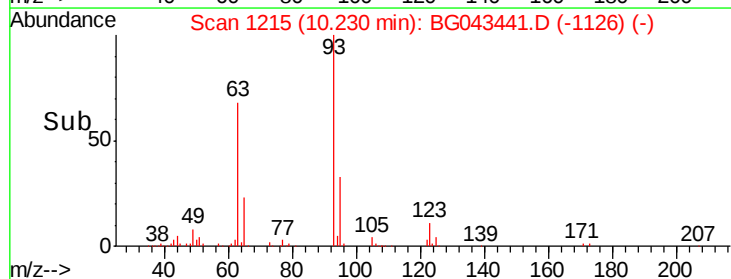
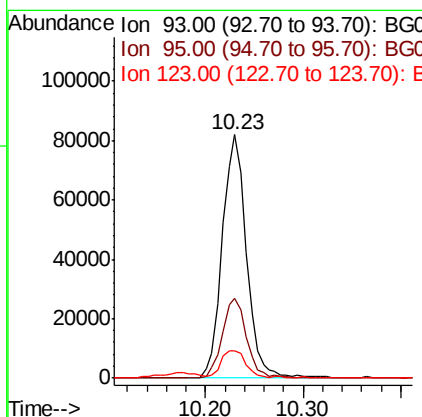
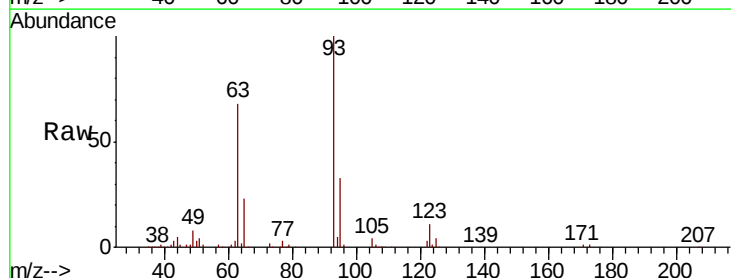
Instrument :
 BNA_G
 ClientSampled :

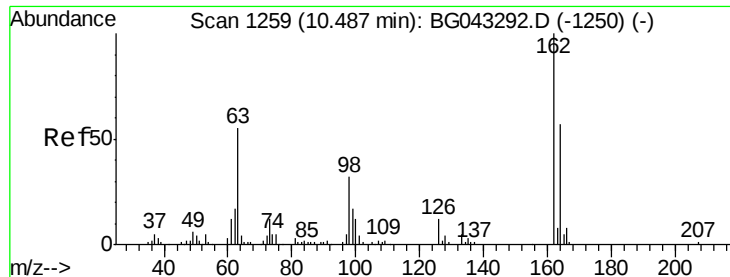
Tot Ion:122 Resp: 114634
 Ion Ratio Lower Upper
 122 100
 107 122.8 98.6 147.8
 121 60.8 50.1 75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.719 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BG043441.D
 Acq: 31 Oct 2019 19:41

Tgt Ion: 93 Resp: 141393
 Ion Ratio Lower Upper
 93 100
 95 32.7 24.9 37.3
 123 11.4 8.9 13.3

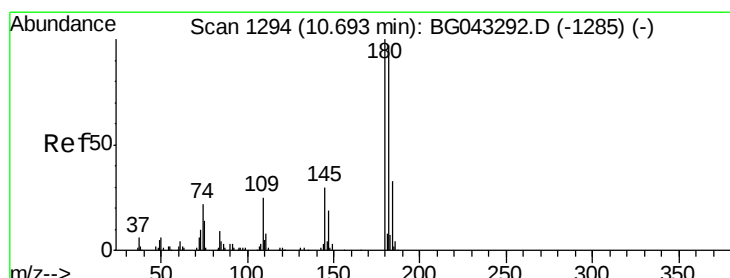
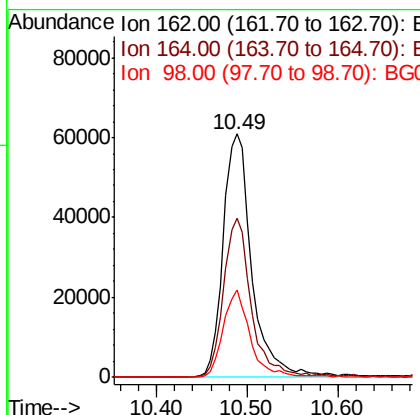
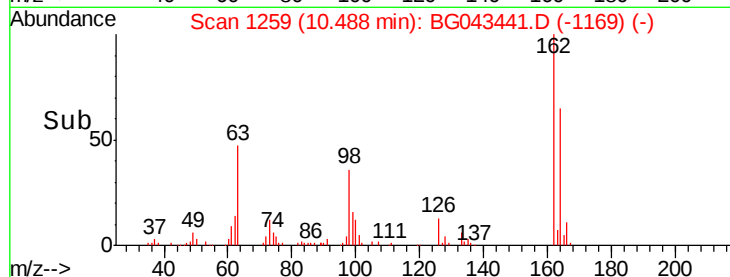
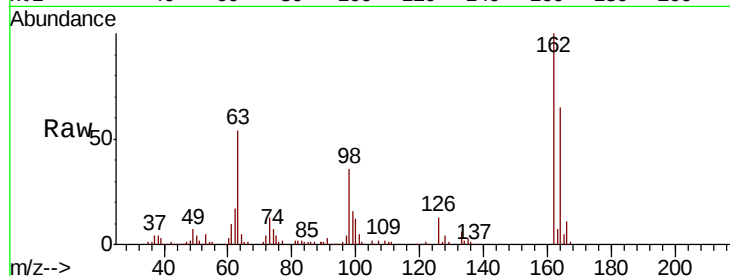




#29
2,4-Dichlorophenol
Concen: 50.535 ng
RT: 10.49 min Scan# 1259
Delta R.T. 0.00 min
Lab File: BG043441.D
Acq: 31 Oct 2019 19:41

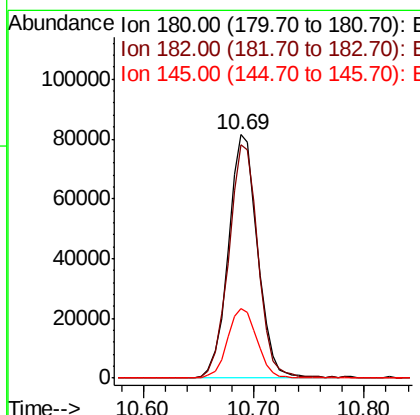
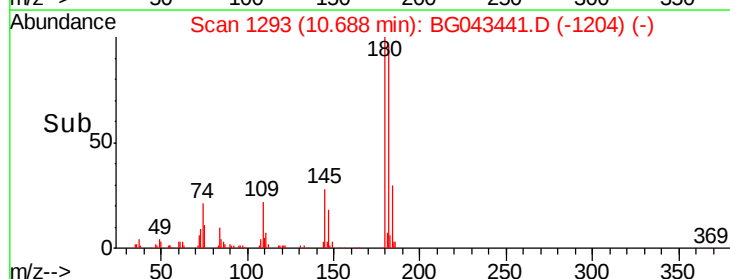
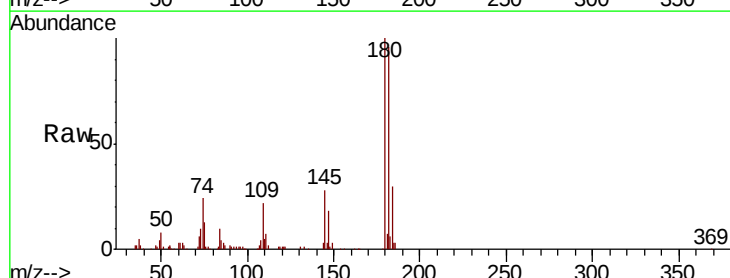
Instrument :
BNA_G
ClientSampleId :

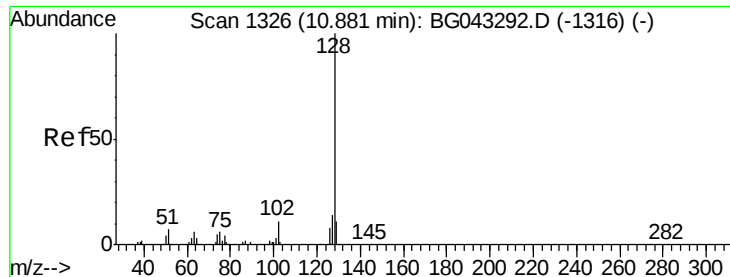
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	37.3	77.3
98	36.1	11.8	51.8



#30
1,2,4-Trichlorobenzene
Concen: 45.329 ng
RT: 10.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG043441.D
Acq: 31 Oct 2019 19:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.8	116.8
145	28.4	23.6	35.4

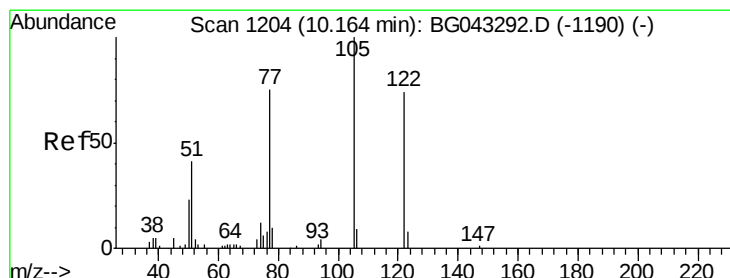
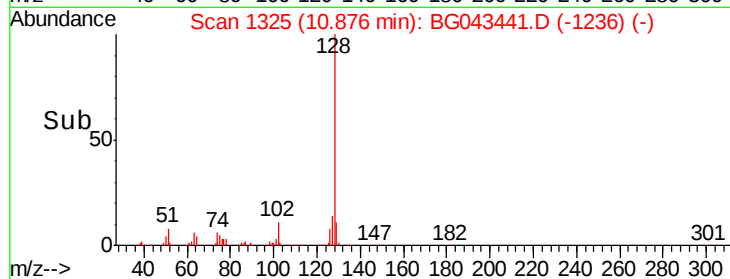
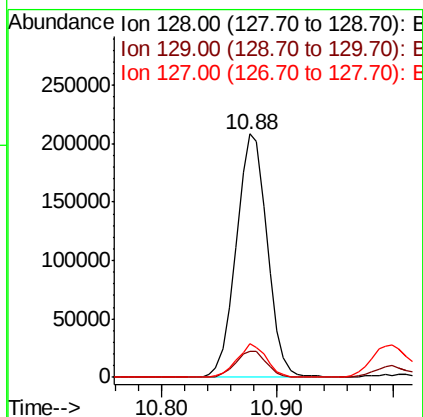
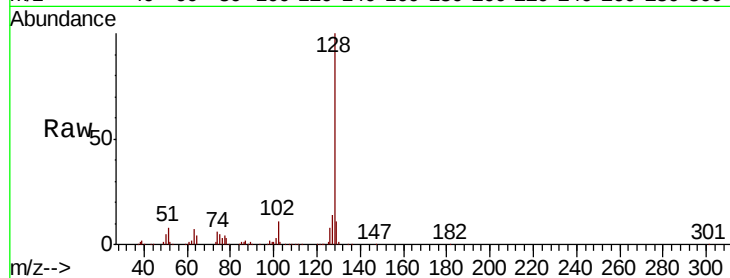




#31
Naphthalene
Concen: 47.167 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG043441.D
Acq: 31 Oct 2019 19:41

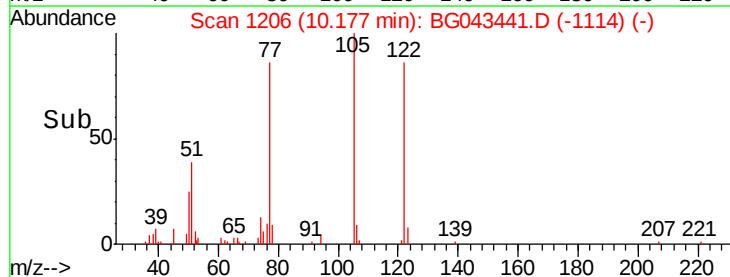
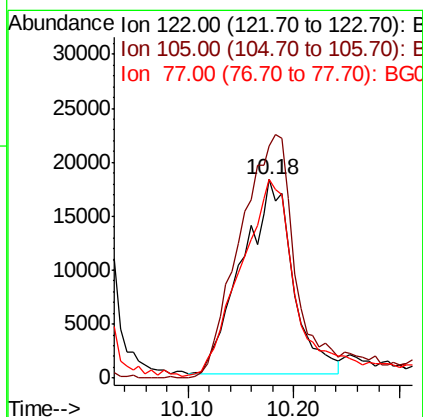
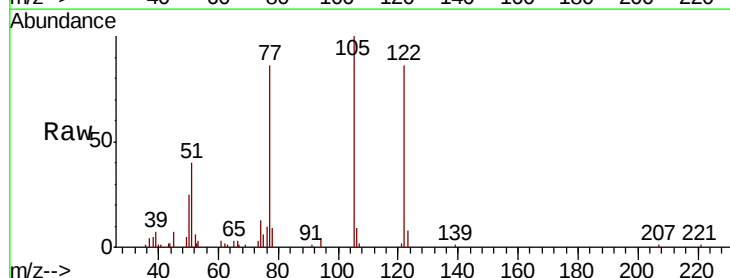
Instrument :
BNA_G
ClientSampleId :

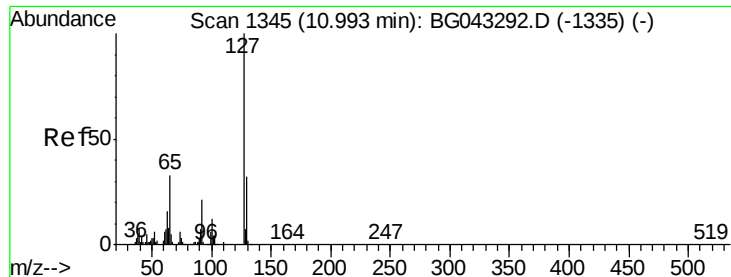
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	12.8
127	13.8	11.5	17.3



#32
Benzoic acid
Concen: 39.736 ng
RT: 10.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BG043441.D
Acq: 31 Oct 2019 19:41

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.8	112.4	152.4
77	100.0	82.7	122.7





#33

4-Chloroaniline

Concen: 21.011 ng

RT: 11.00 min Scan# 1346

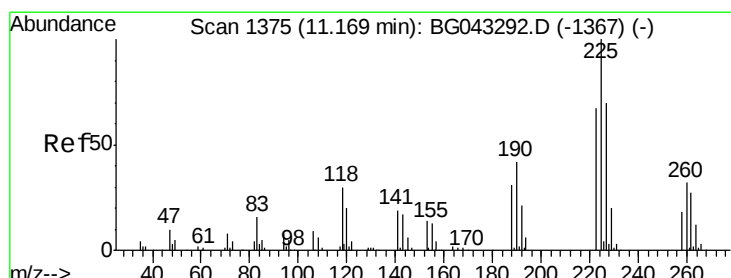
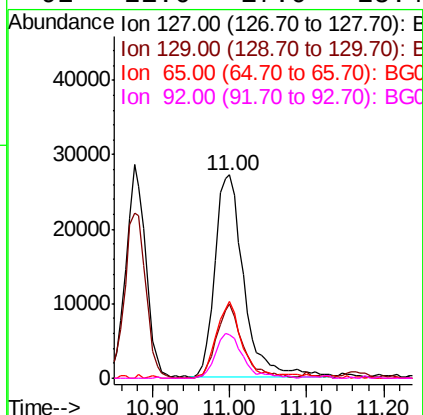
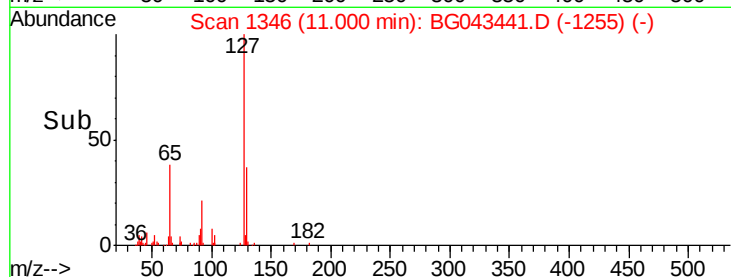
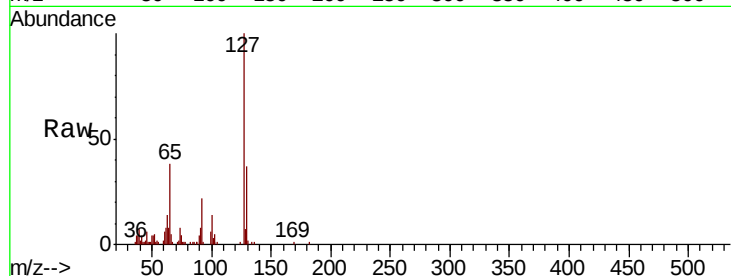
Delta R.T. 0.01 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	70622
Ion	Ratio	Lower	Upper
127	100		
129	36.8	25.8	38.8
65	38.0	26.2	39.2
92	21.6	17.0	25.4



#34

Hexachlorobutadiene

Concen: 44.378 ng

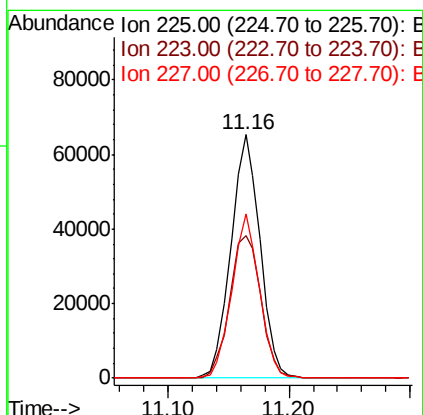
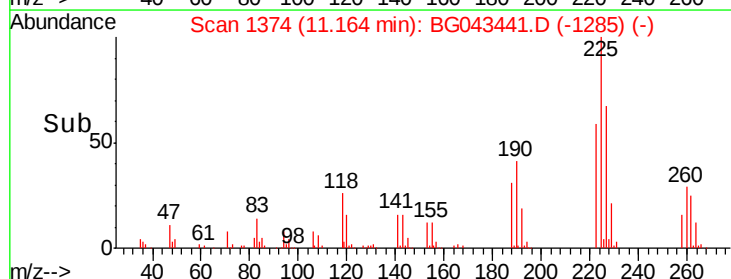
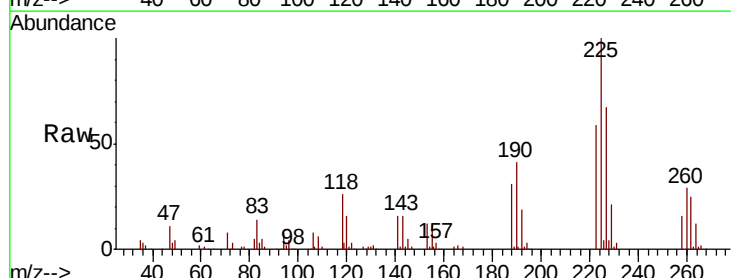
RT: 11.16 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

Tgt Ion:	225	Resp:	109421
Ion	Ratio	Lower	Upper
225	100		
223	58.8	53.2	79.8
227	67.4	56.2	84.2





#35

Caprolactam

Concen: 21.933 ng

RT: 11.77 min Scan# 1477

Delta R.T. 0.00 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

Instrument :

BNA_G

ClientSampled :

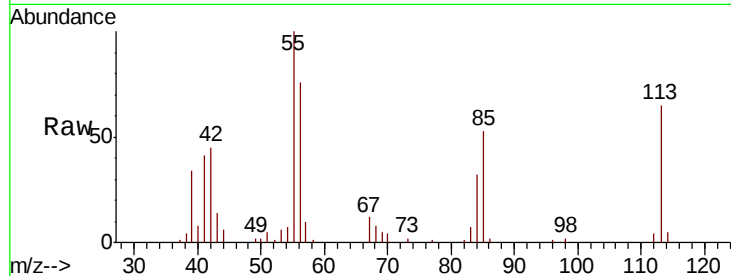
Tot Ion:113 Resp: 19991

Ion Ratio Lower Upper

113 100

55 153.4 158.9 198.9#

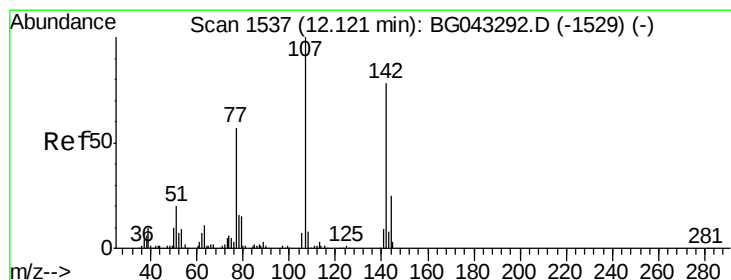
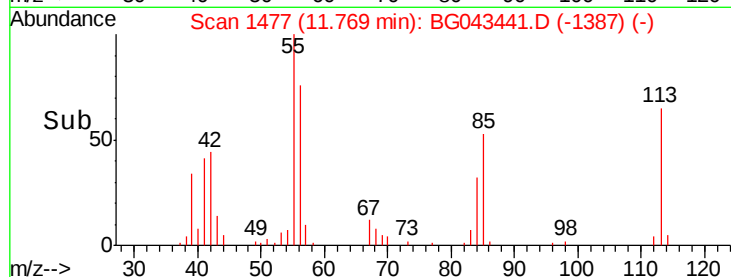
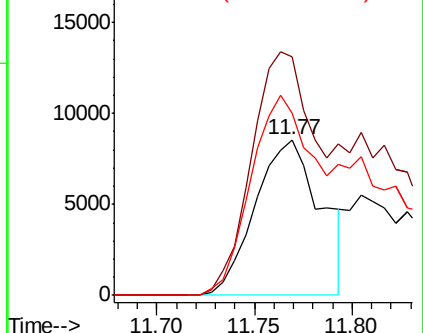
56 117.2 121.4 161.4#



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: 47.850 ng

RT: 12.13 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

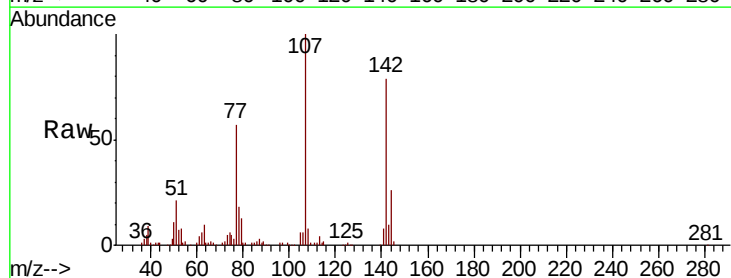
Tgt Ion:107 Resp: 138128

Ion Ratio Lower Upper

107 100

144 25.7 19.9 29.9

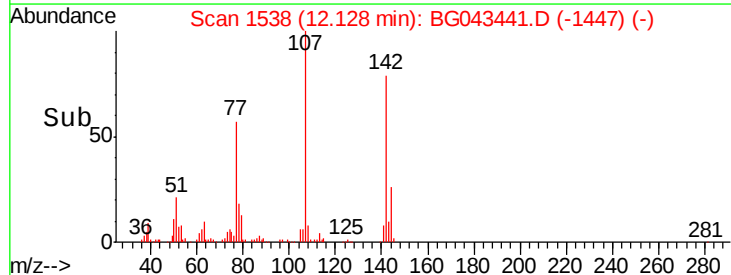
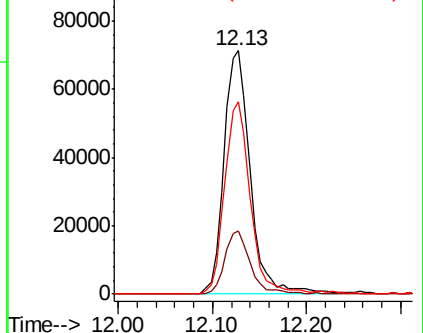
142 78.9 62.1 93.1



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

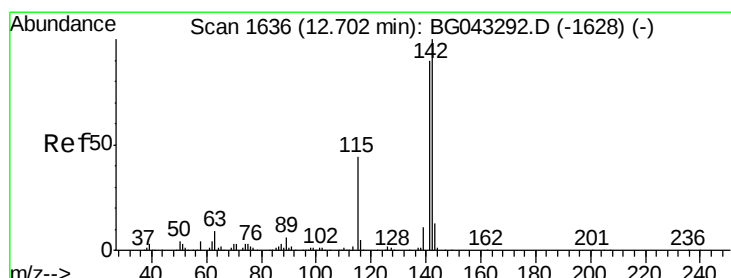
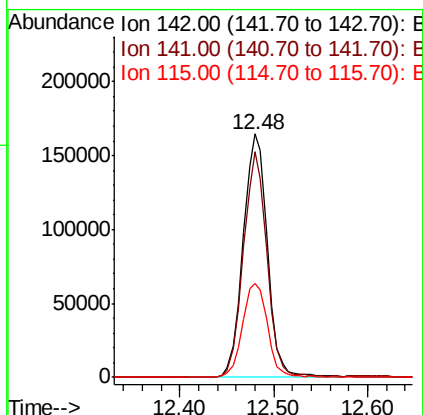
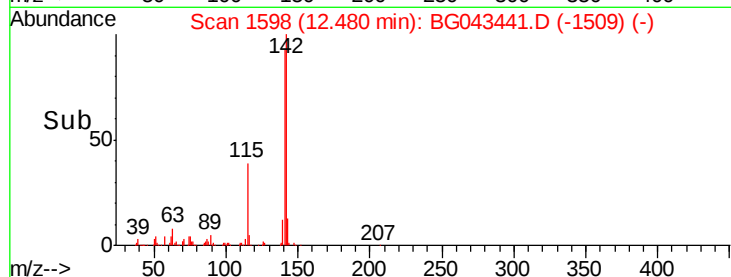
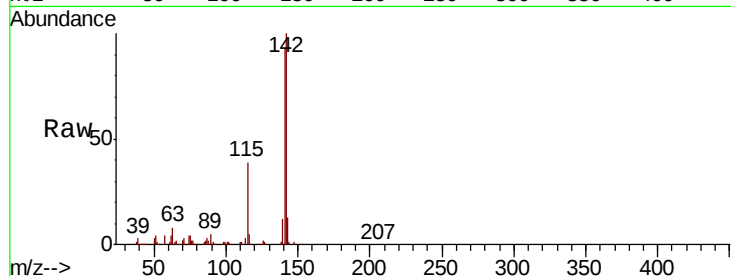




#37
2-Methylnaphthalene
Concen: 46.506 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BG043441.D
Acq: 31 Oct 2019 19:41

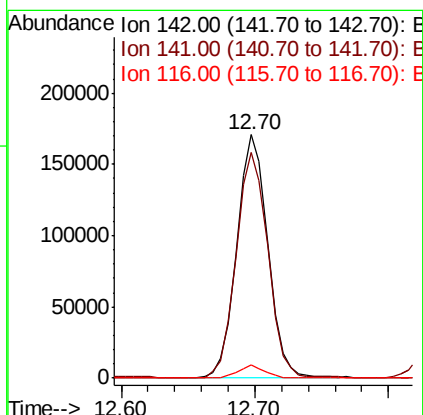
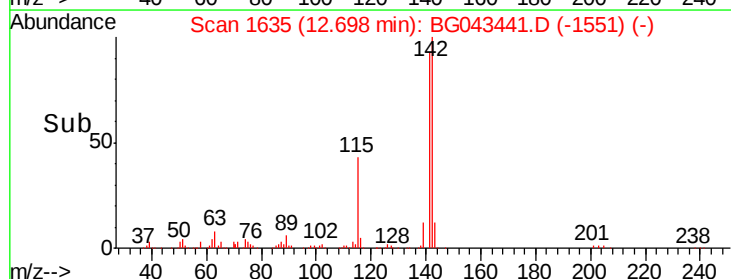
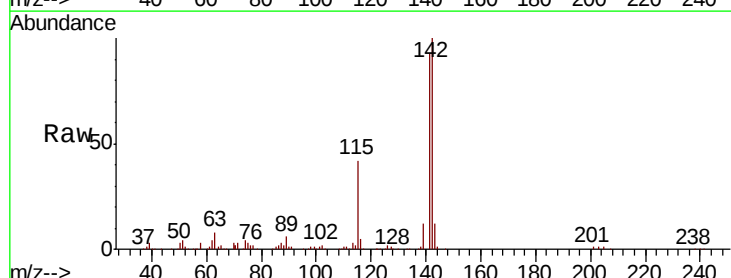
Instrument :
BNA_G
ClientSampleId :

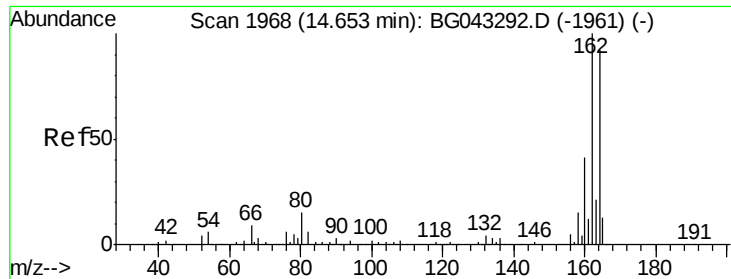
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.8	69.7	104.5
115	38.6	30.6	46.0



#38
1-Methylnaphthalene
Concen: 45.758 ng
RT: 12.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BG043441.D
Acq: 31 Oct 2019 19:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	72.3	108.5
116	5.2	3.8	5.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

Instrument :

BNA_G

ClientSampled :

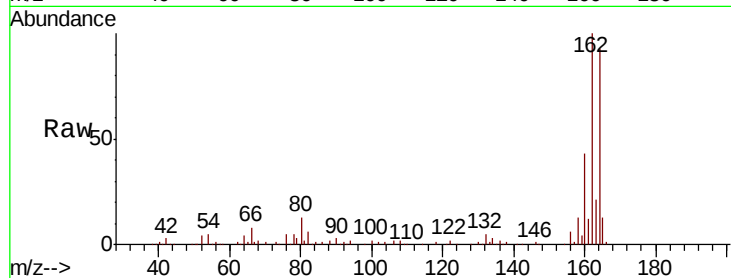
Tot Ion:164 Resp: 111981

Ion Ratio Lower Upper

164 100

162 107.6 87.0 130.4

160 46.7 35.5 53.3

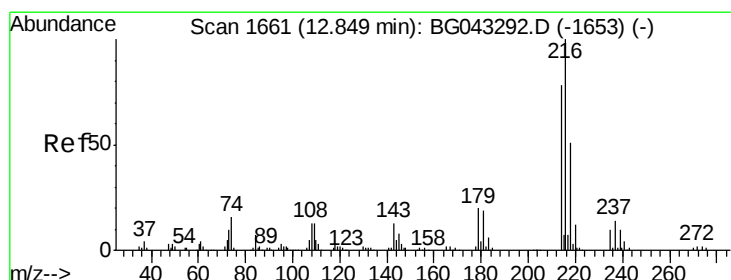
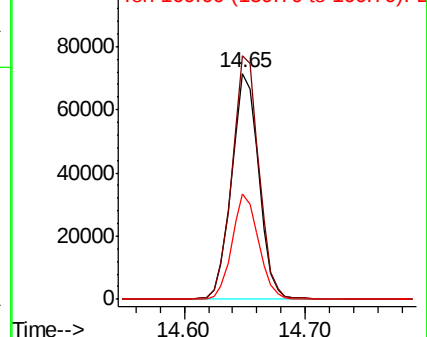
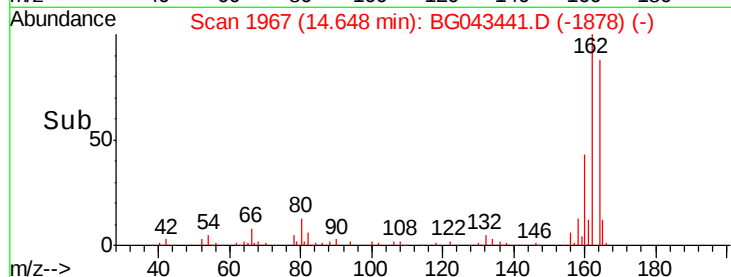


Abundance

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: 45.853 ng

RT: 12.85 min Scan# 1661

Delta R.T. 0.00 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

Tgt Ion:216 Resp: 190027

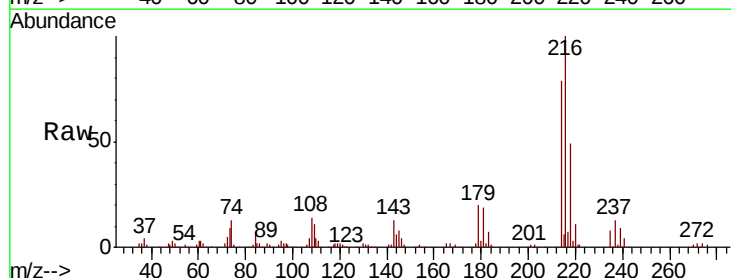
Ion Ratio Lower Upper

216 100

214 78.8 63.5 95.3

179 20.4 16.2 24.2

108 16.2 11.2 16.8



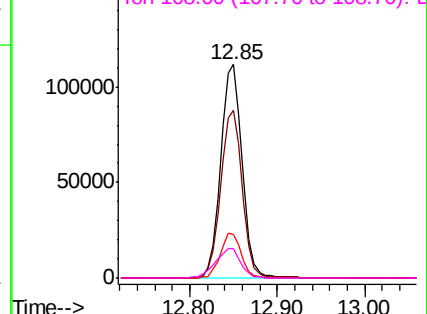
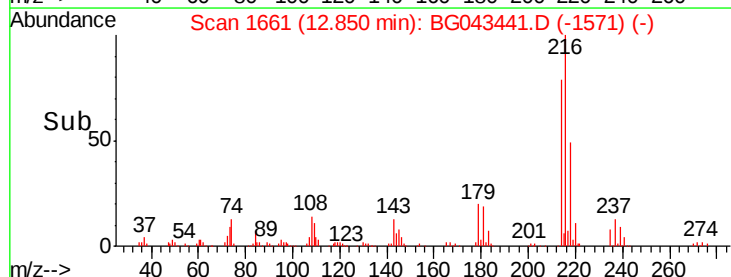
Abundance

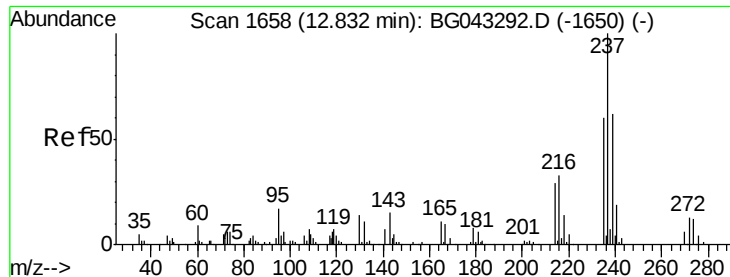
Ion 216.00 (215.70 to 216.70): E

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: 99.760 ng

RT: 12.83 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

Instrument :

BNA_G

ClientSampleId :

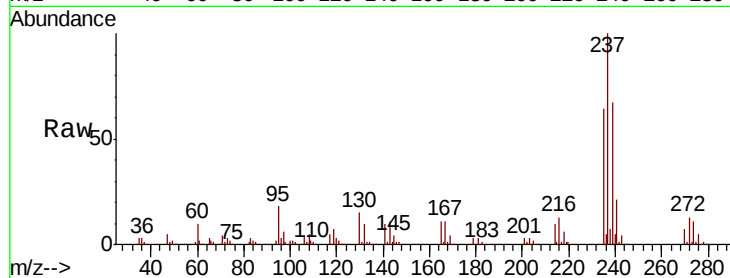
Tot Ion:237 Resp: 217178

Ion Ratio Lower Upper

237 100

235 64.2 40.3 80.3

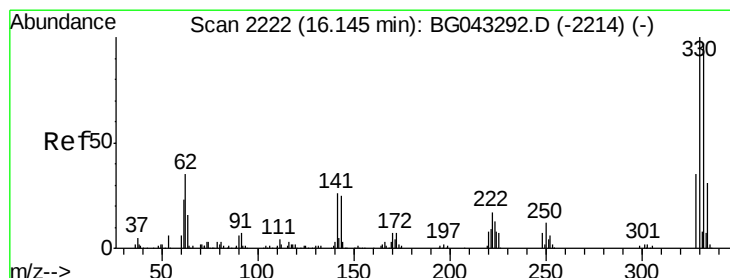
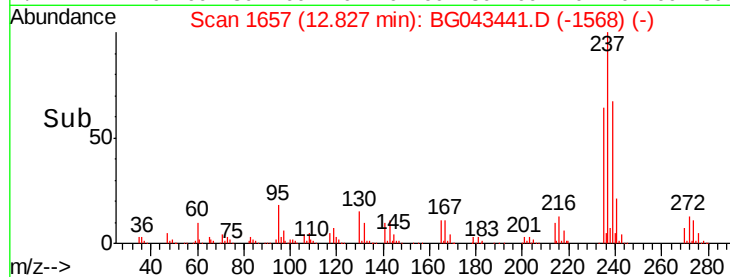
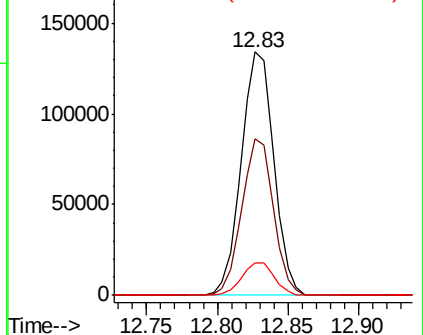
272 13.1 0.0 32.9



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: 133.632 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.00 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

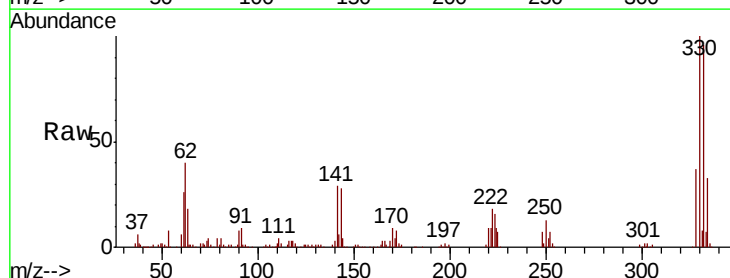
Tgt Ion:330 Resp: 284771

Ion Ratio Lower Upper

330 100

332 95.4 76.4 114.6

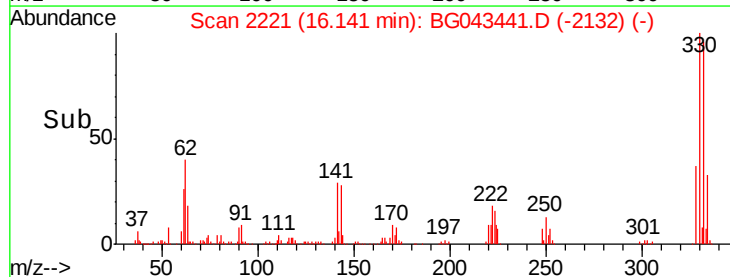
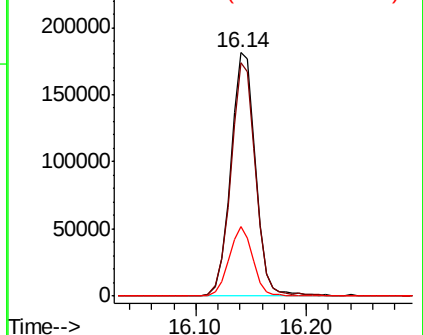
141 27.5 21.4 32.0



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

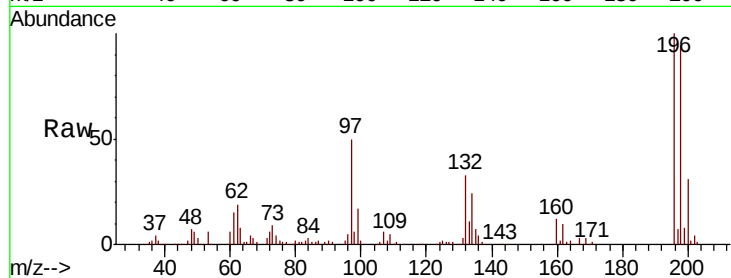




#43
 2,4,6-Trichlorophenol
 Concen: 49.331 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BG043441.D
 Acq: 31 Oct 2019 19:41

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	120396
Ion Ratio	Lower	Upper	
196	100		
198	93.8	77.0	115.4
200	31.1	27.4	41.2

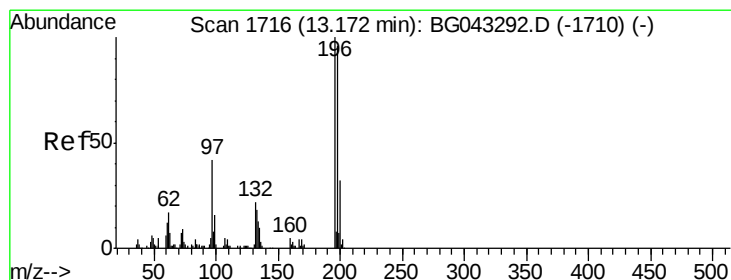
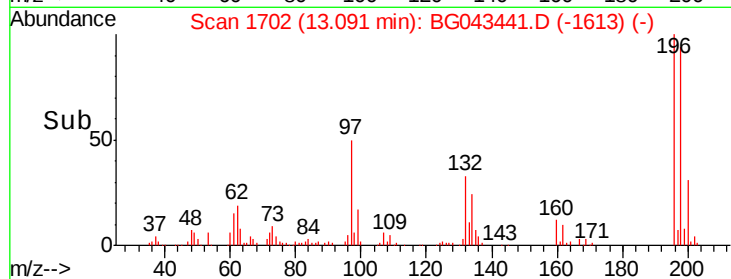
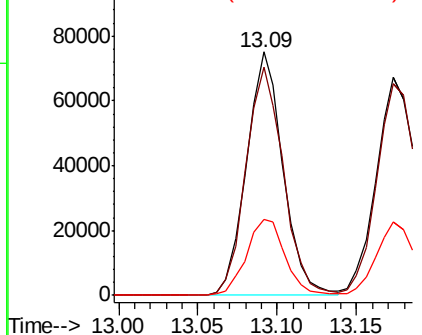


Abundance

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: 51.299 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG043441.D
 Acq: 31 Oct 2019 19:41

Tgt Ion	196	Resp	126574
Ion Ratio	Lower	Upper	
196	100		
198	97.5	76.6	114.8
97	42.8	34.1	51.1
132	21.7	18.2	27.4

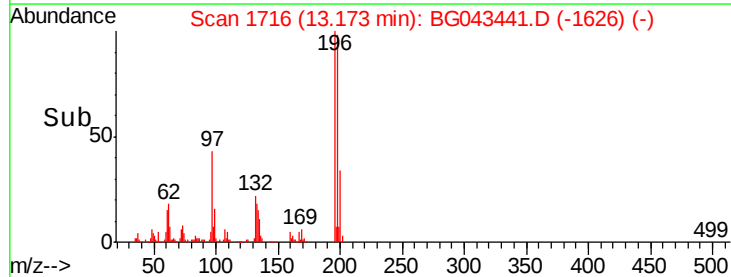
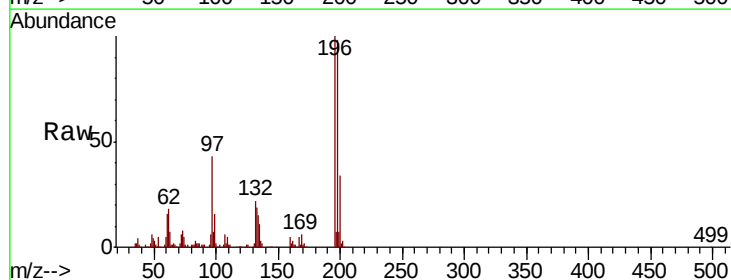
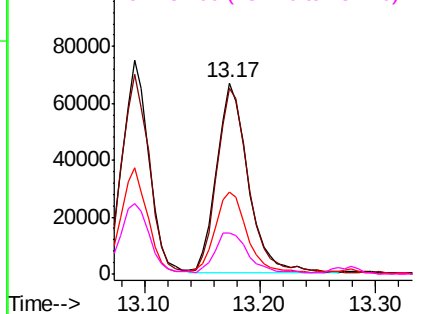
Abundance

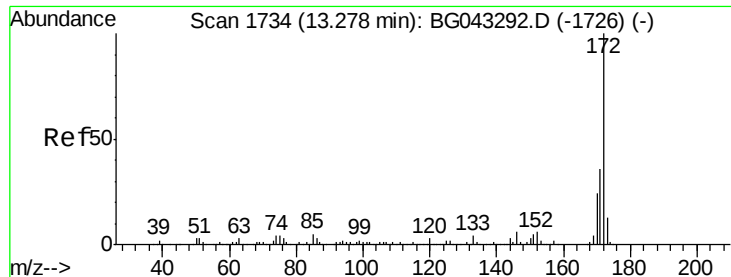
Ion 196.00 (195.70 to 196.70): E

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

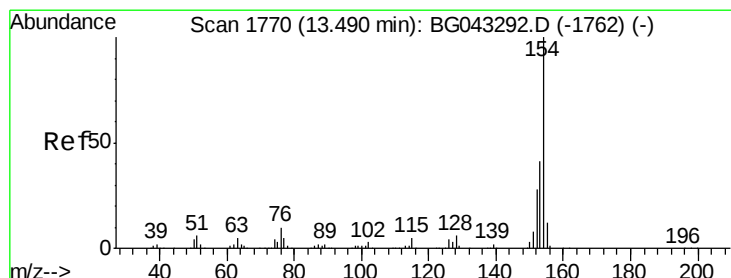
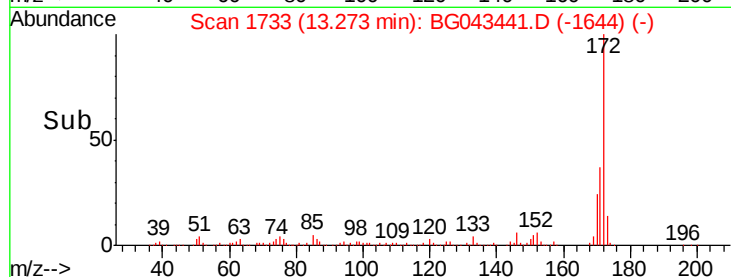
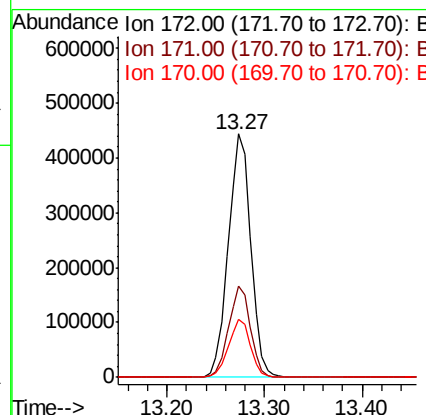
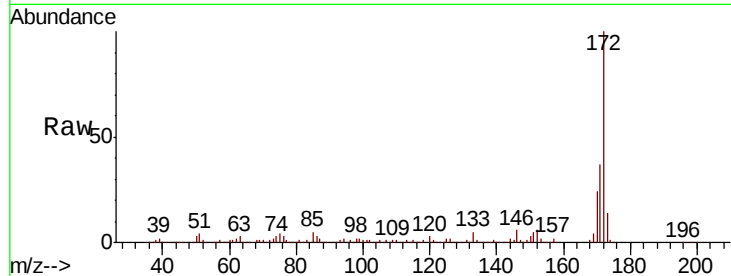




#45
 2-Fluorobiphenyl
 Concen: 87.222 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.00 min
 Lab File: BG043441.D
 Acq: 31 Oct 2019 19:41

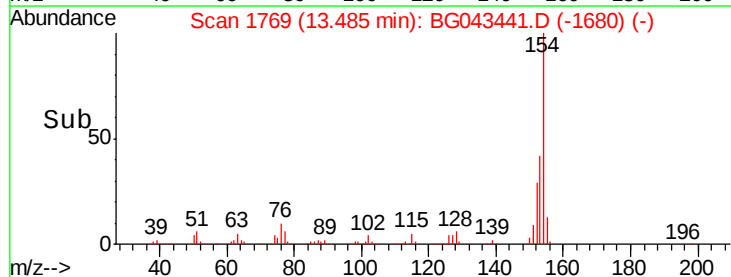
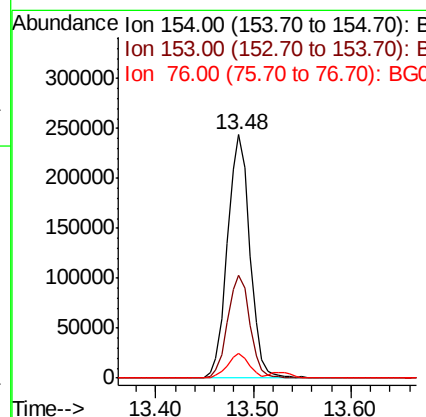
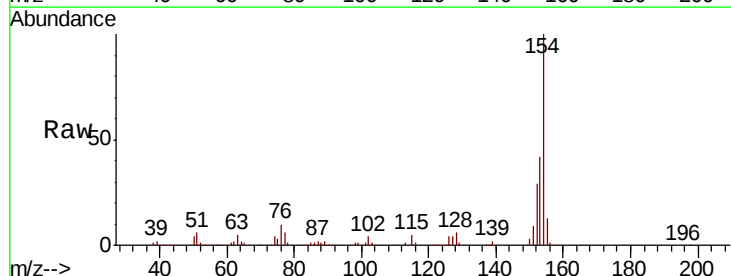
Instrument :
 BNA_G
 ClientSampleId :

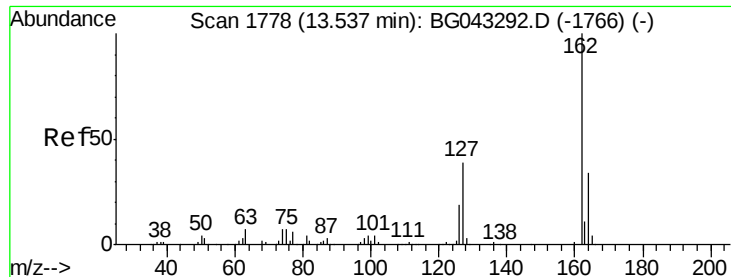
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.5	42.7
170	23.7	18.8	28.2



#46
 1,1'-Biphenyl
 Concen: 45.678 ng
 RT: 13.48 min Scan# 1769
 Delta R.T. -0.00 min
 Lab File: BG043441.D
 Acq: 31 Oct 2019 19:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	21.0	61.0
76	10.1	0.0	29.8

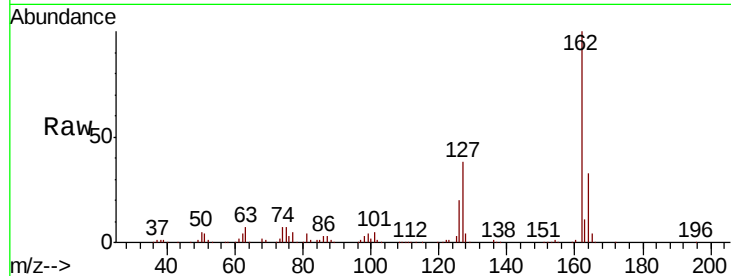




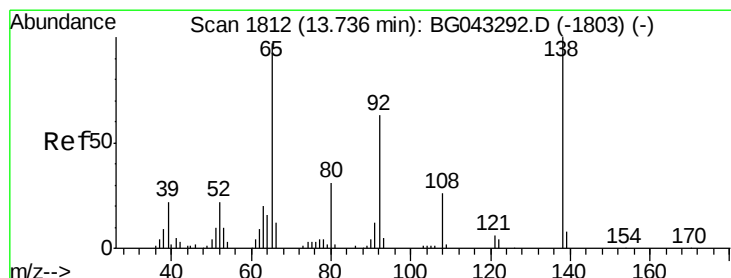
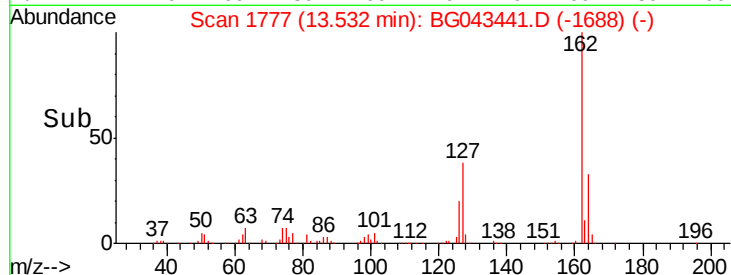
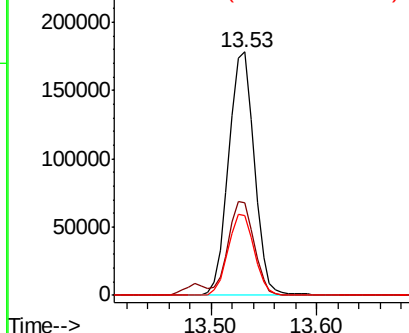
#47
2-Chloronaphthalene
Concen: 46.319 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG043441.D
Acq: 31 Oct 2019 19:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.0	31.3	46.9
164	32.6	26.8	40.2

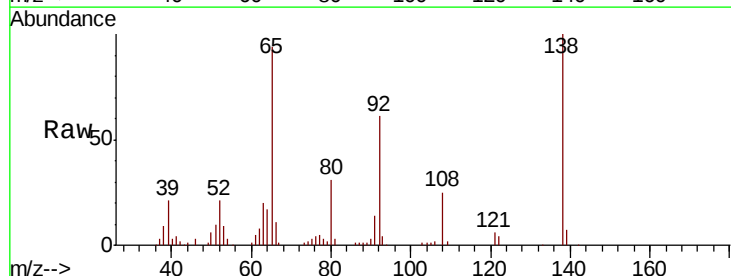


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

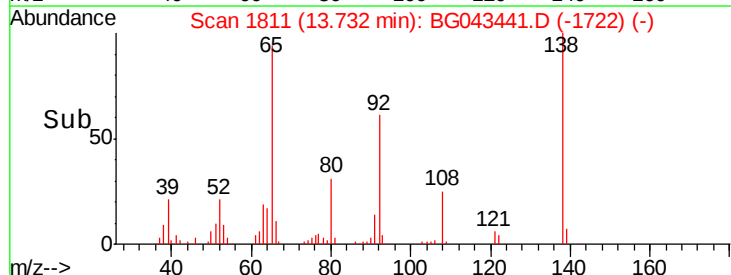
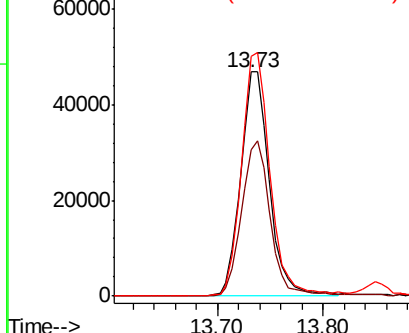


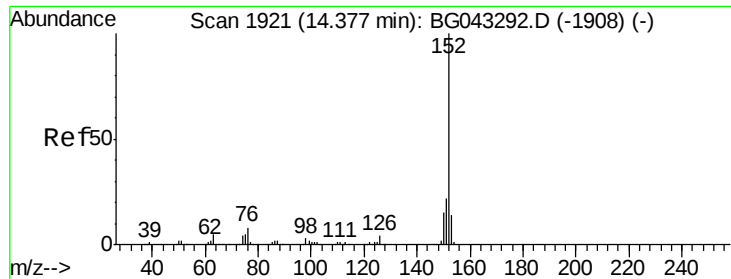
#48
2-Nitroaniline
Concen: 45.563 ng
RT: 13.73 min Scan# 1811
Delta R.T. -0.00 min
Lab File: BG043441.D
Acq: 31 Oct 2019 19:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.5	52.6	79.0
138	106.8	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: 48.421 ng

RT: 14.37 min Scan# 1920

Delta R.T. -0.00 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

Instrument :

BNA_G

ClientSampleId :

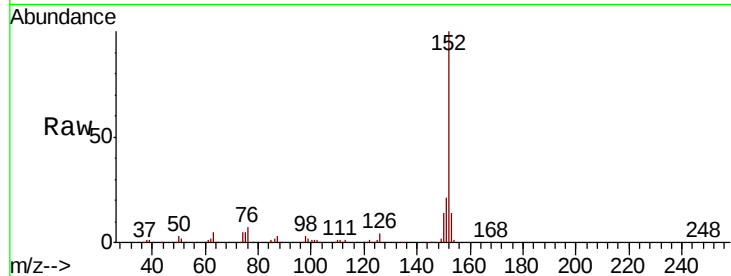
Tot Ion:152 Resp: 488469

Ion Ratio Lower Upper

152 100

151 21.0 17.2 25.8

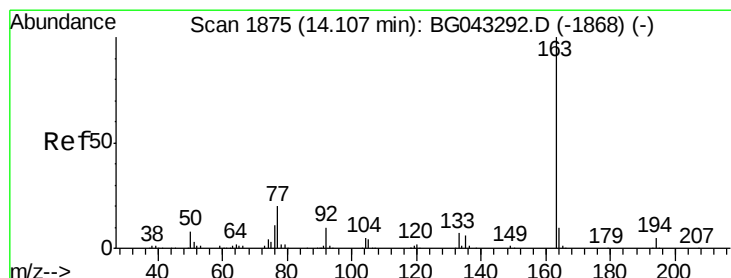
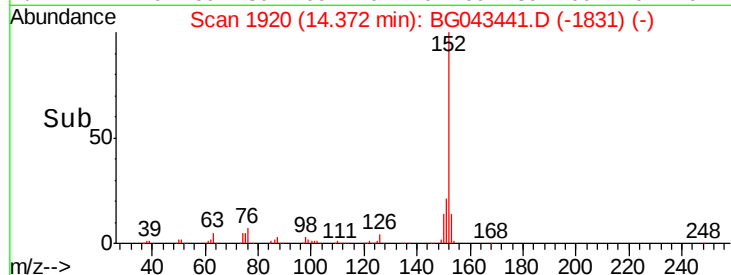
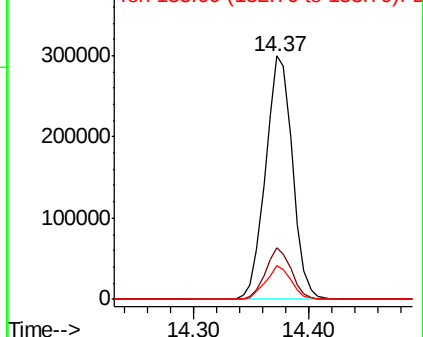
153 13.9 11.0 16.6



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: 57.511 ng

RT: 14.11 min Scan# 1875

Delta R.T. 0.00 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

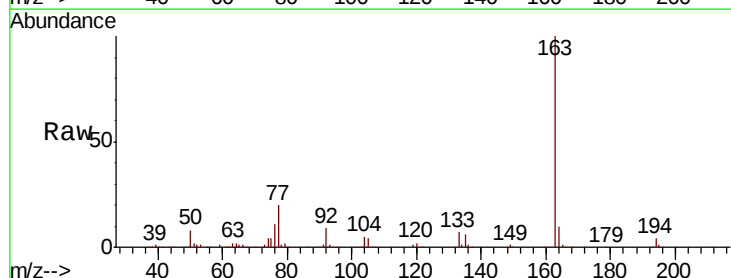
Tgt Ion:163 Resp: 498832

Ion Ratio Lower Upper

163 100

194 4.5 3.7 5.5

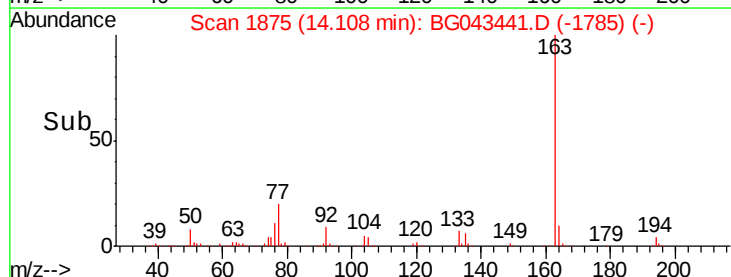
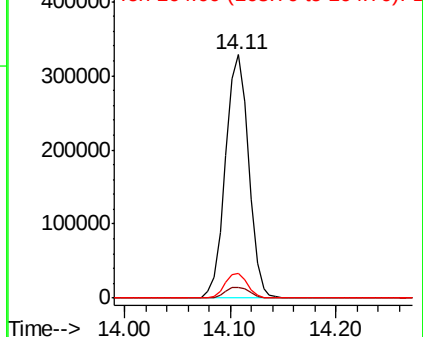
164 10.0 8.1 12.1

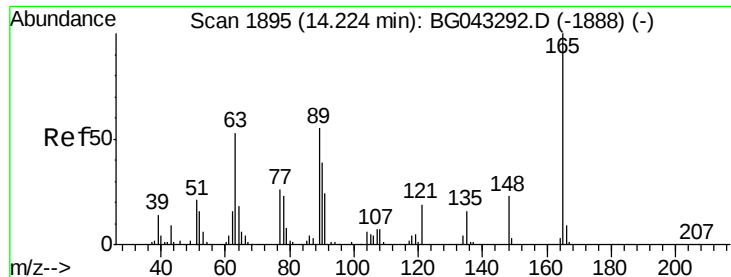


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

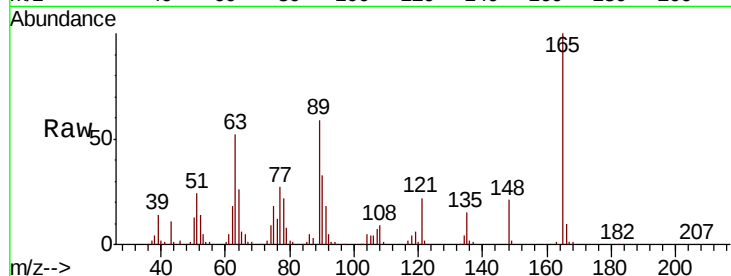




#51
2,6-Dinitrotoluene
Concen: 47.535 ng
RT: 14.23 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BG043441.D
Acq: 31 Oct 2019 19:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.7	47.1	70.7
89	58.8	43.7	65.5

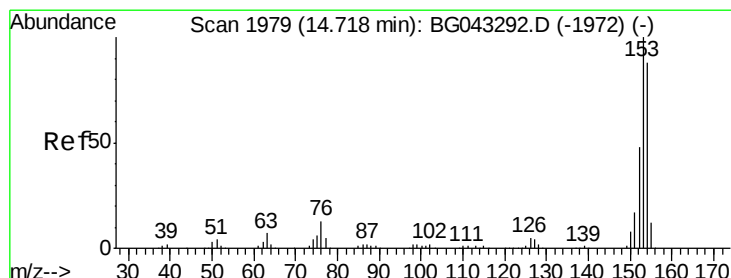
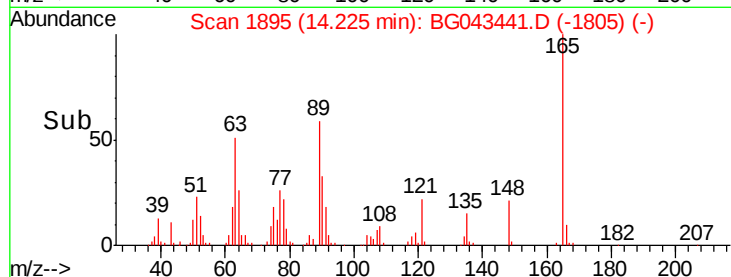
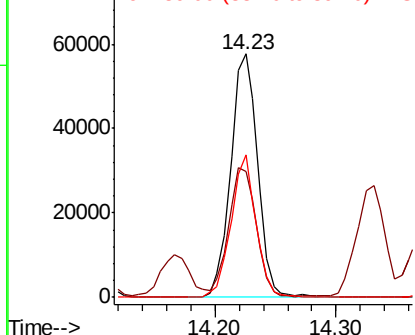


Abundance

Ion 165.00 (164.70 to 165.70): E

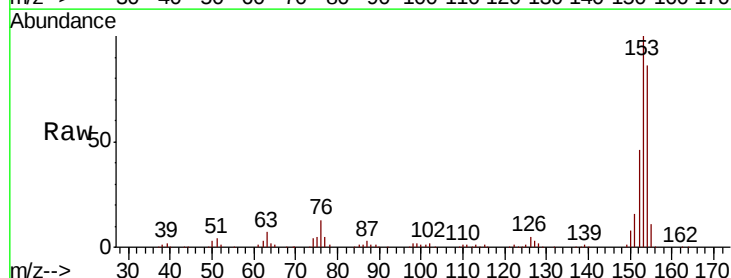
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52
Acenaphthene
Concen: 46.602 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BG043441.D
Acq: 31 Oct 2019 19:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.0	90.9	136.3
152	53.6	43.9	65.9

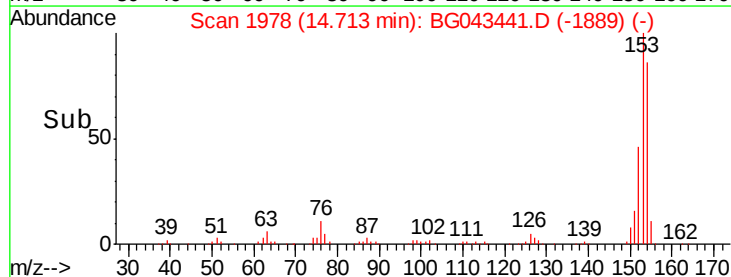
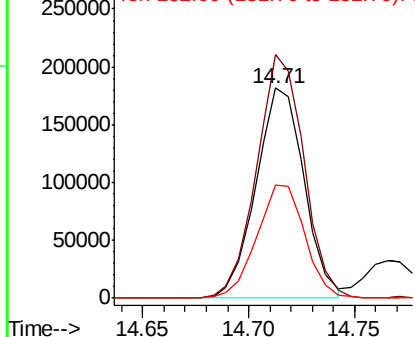


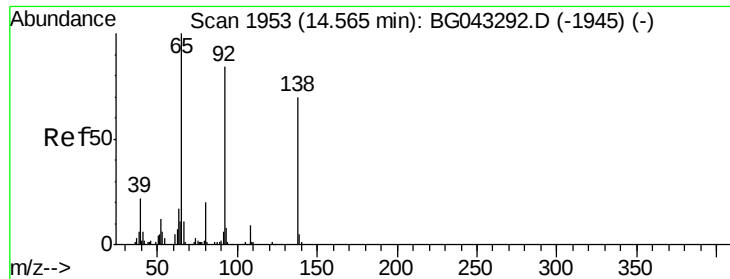
Abundance

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

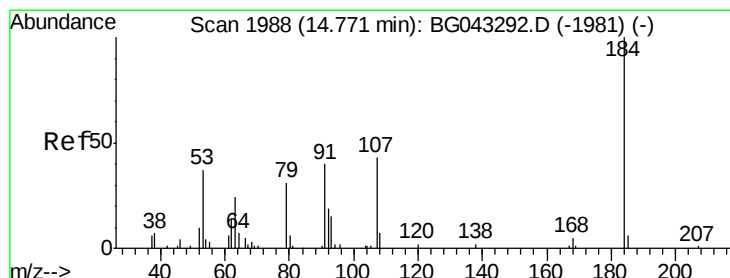
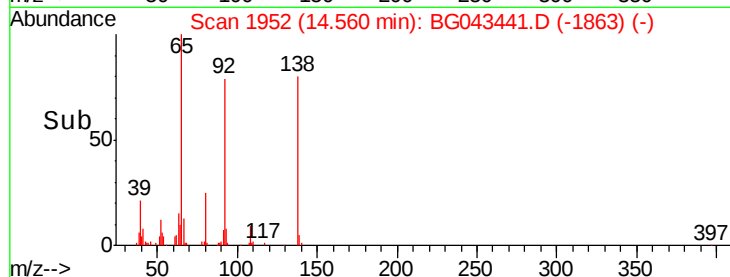
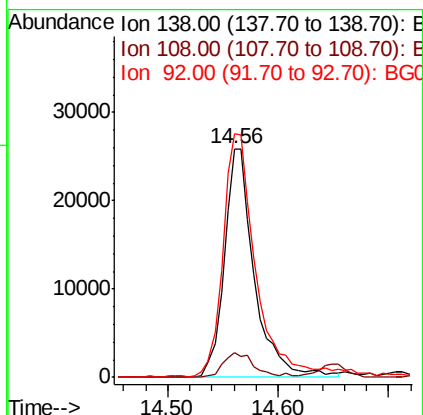
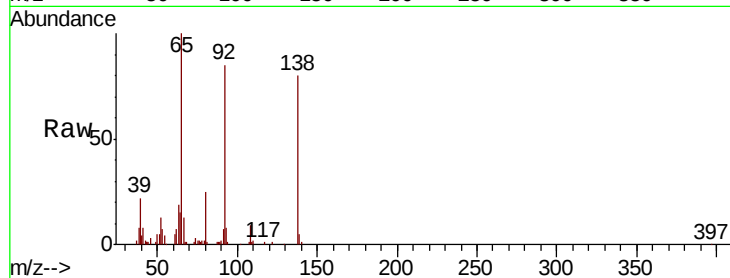




#53
3-Nitroaniline
Concen: 27.013 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BG043441.D
Acq: 31 Oct 2019 19:41

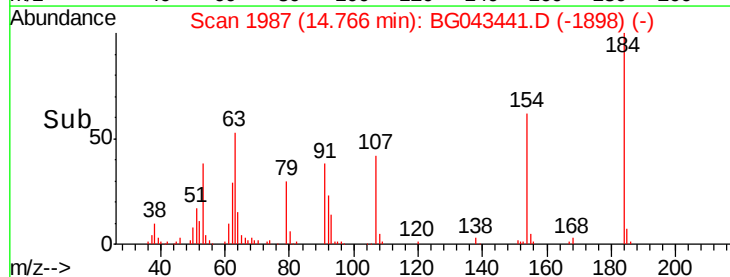
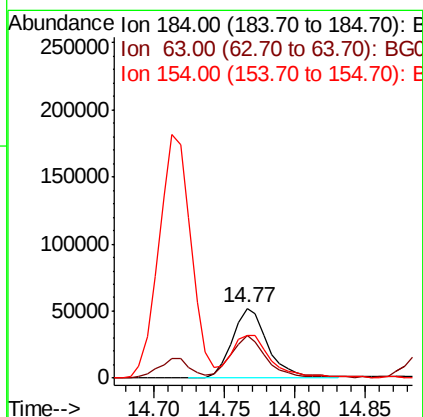
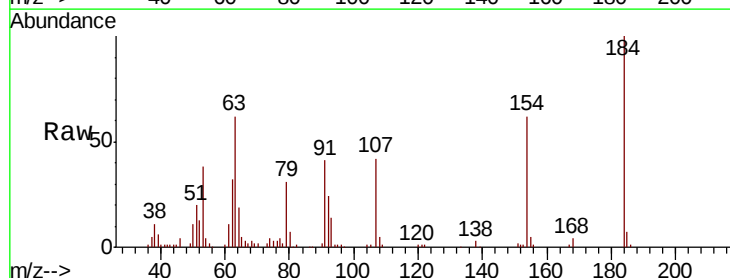
Instrument :
BNA_G
ClientSampleId :

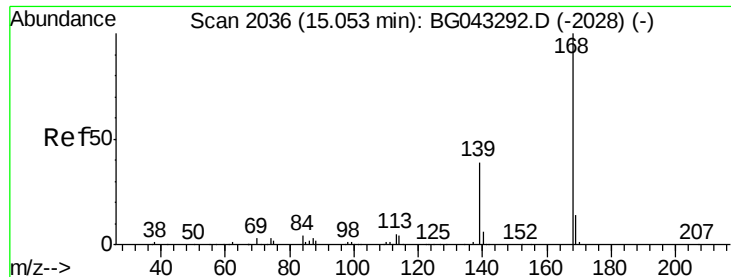
Tot Ion:138 Resp: 49144
Ion Ratio Lower Upper
138 100
108 10.8 9.8 14.6
92 106.4 95.8 143.6



#54
2,4-Dinitrophenol
Concen: 78.534 ng
RT: 14.77 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG043441.D
Acq: 31 Oct 2019 19:41

Tgt Ion:184 Resp: 92237
Ion Ratio Lower Upper
184 100
63 61.5 48.8 73.2
154 61.7 49.4 74.0

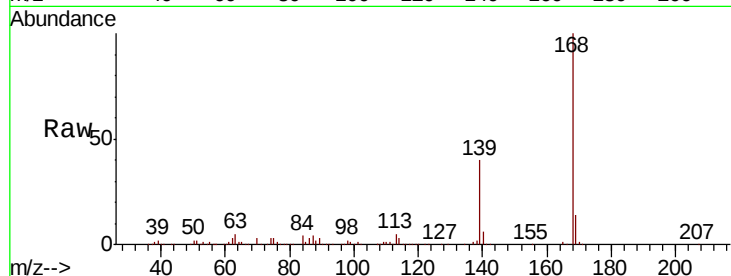




#55
Dibenzenofuran
Concen: 47.030 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG043441.D
Acq: 31 Oct 2019 19:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.8	31.7	47.5
169	13.9	11.0	16.4

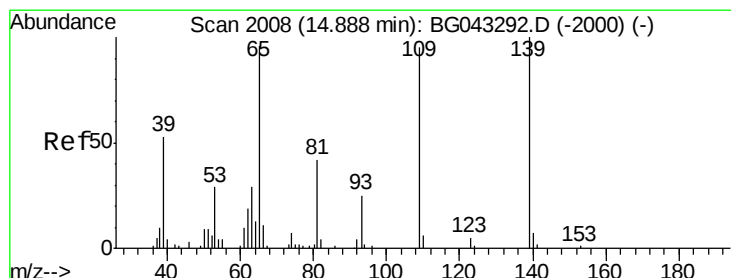
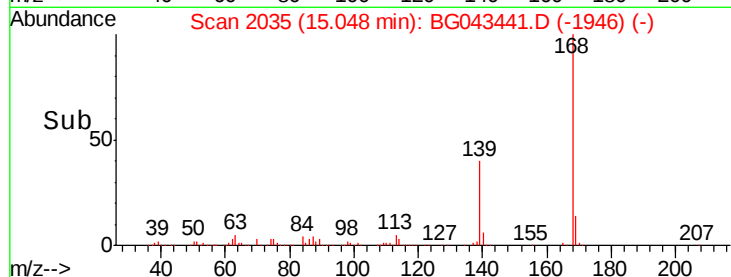
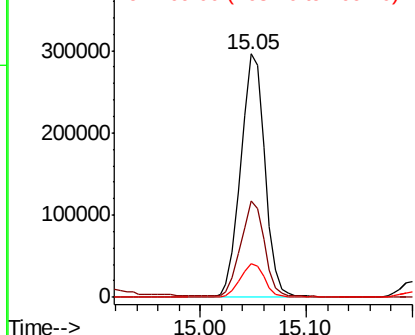


Abundance

Ion 168.00 (167.70 to 168.70): E

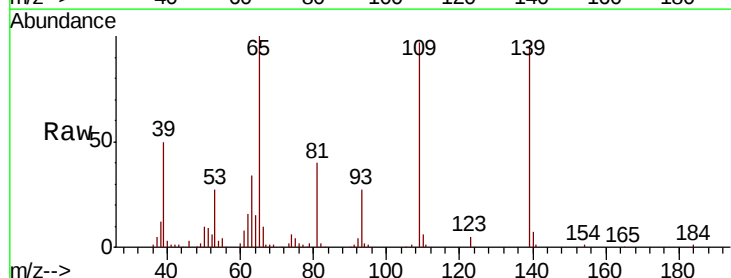
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 106.047 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BG043441.D
Acq: 31 Oct 2019 19:41

Tgt Ion	Ratio	Lower	Upper
139	100		
109	101.7	75.4	115.4
65	104.3	76.6	116.6

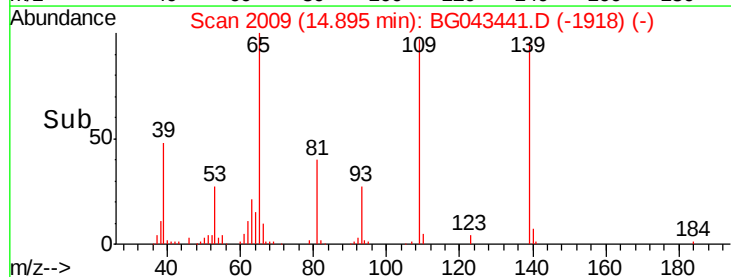
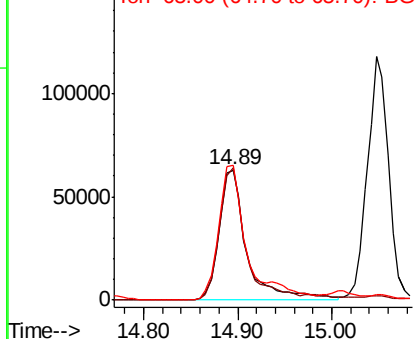


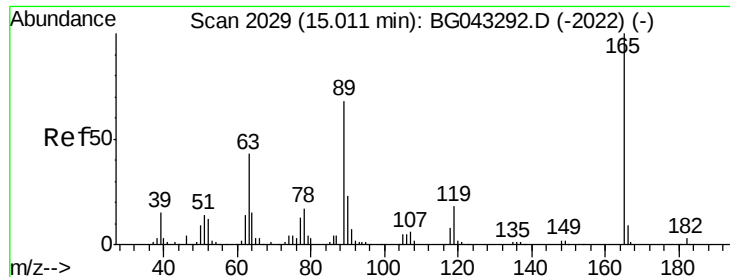
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

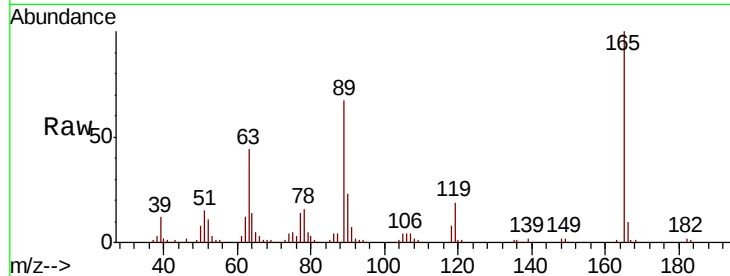




#57
2,4-Dinitrotoluene
Concen: 46.916 ng
RT: 15.01 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BG043441.D
Acq: 31 Oct 2019 19:41

Instrument :
BNA_G
ClientSampled :

Tot Ion	165	Resp	126342
Ion	Ratio	Lower	Upper
165	100		
63	44.0	35.0	52.6
89	67.0	54.1	81.1
182	2.5	2.2	3.2



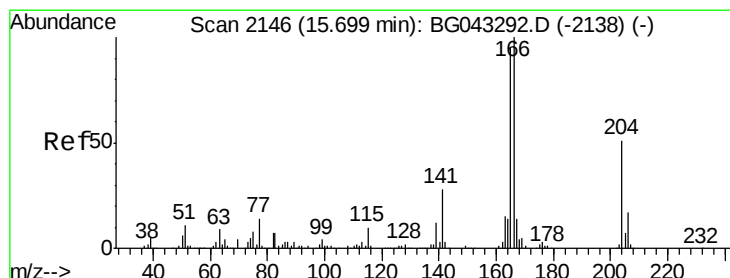
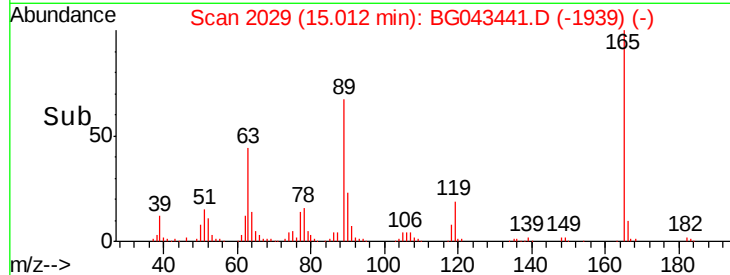
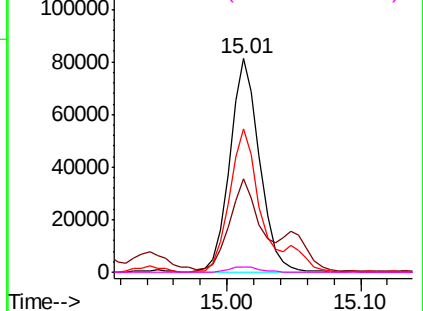
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

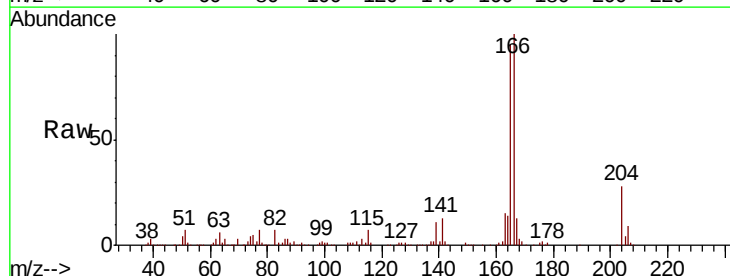
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 46.949 ng
RT: 15.70 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG043441.D
Acq: 31 Oct 2019 19:41

Tgt Ion	166	Resp	392841
Ion	Ratio	Lower	Upper
166	100		
165	95.4	76.4	114.6
167	12.9	11.1	16.7

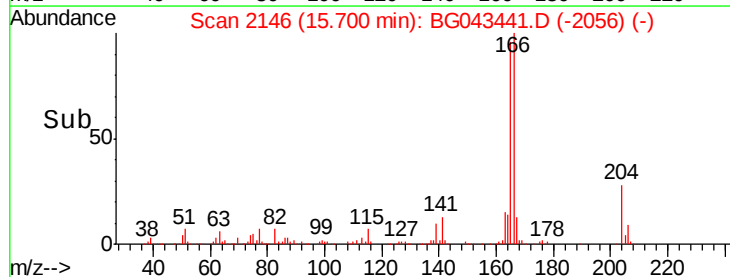
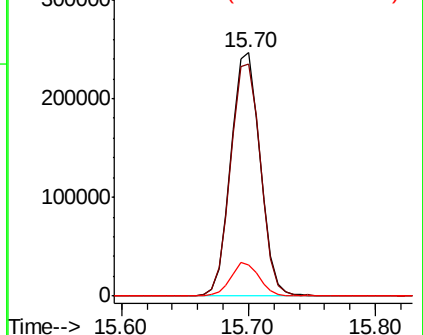


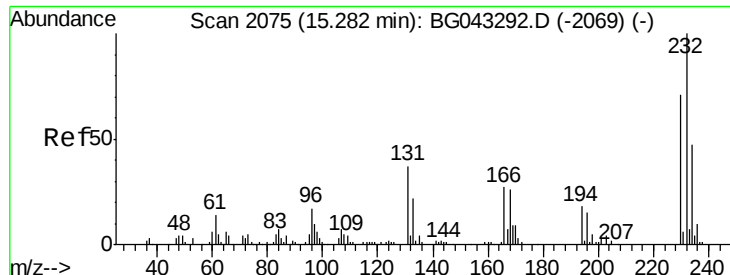
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

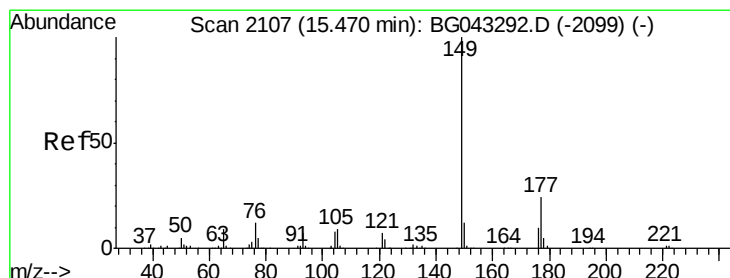
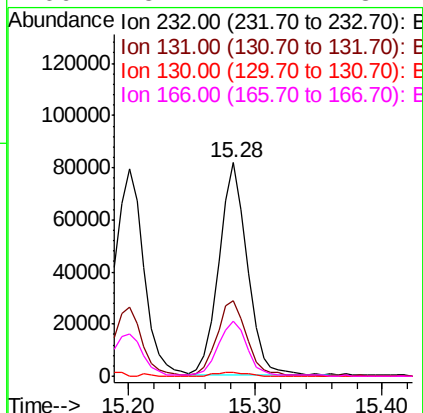
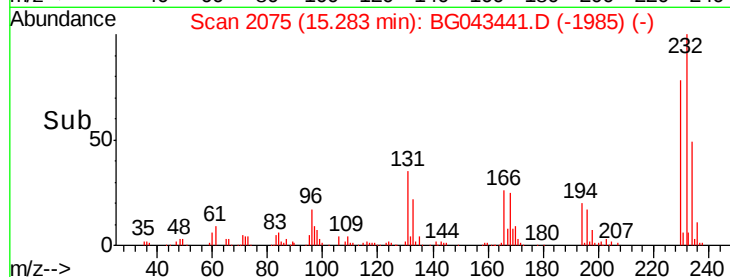
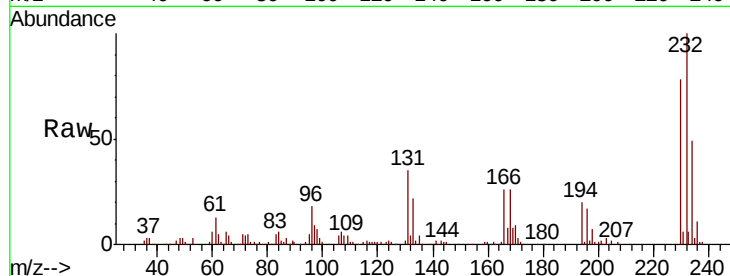




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.277 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. 0.00 min
 Lab File: BG043441.D
 Acq: 31 Oct 2019 19:41

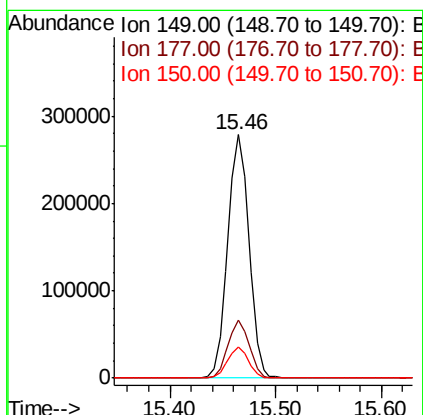
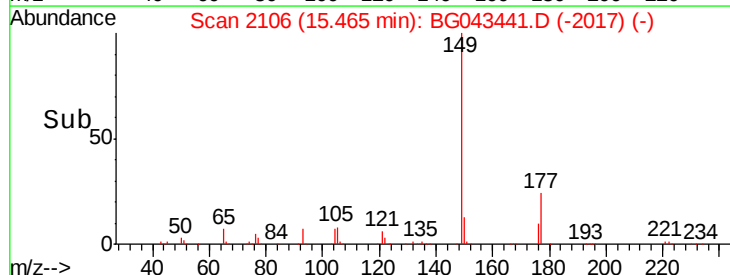
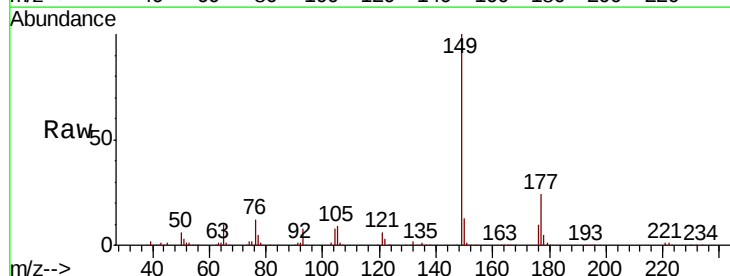
Instrument :
 BNA_G
 ClientSampleId :

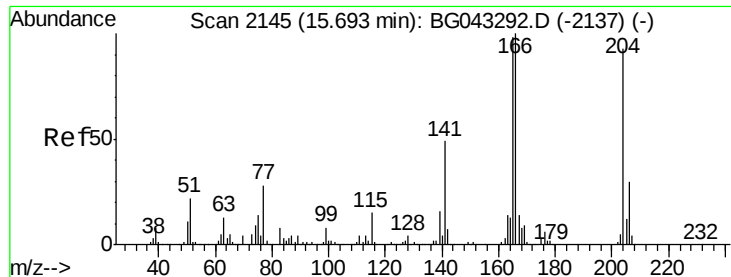
Tot Ion	Ratio	Lower	Upper
232	100		
131	37.1	28.7	43.1
130	2.2	0.6	0.8
166	25.7	21.1	31.7



#60
 Diethylphthalate
 Concen: 44.463 ng
 RT: 15.46 min Scan# 2106
 Delta R.T. -0.00 min
 Lab File: BG043441.D
 Acq: 31 Oct 2019 19:41

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.1	19.0	28.4
150	12.8	9.4	14.0

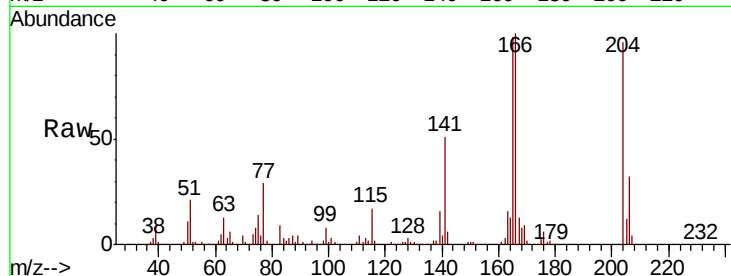




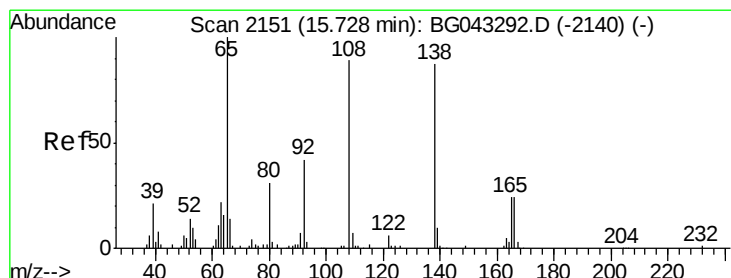
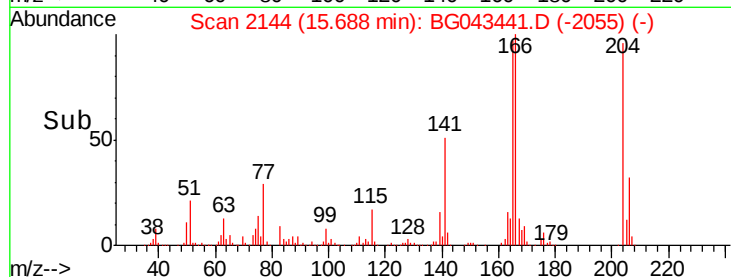
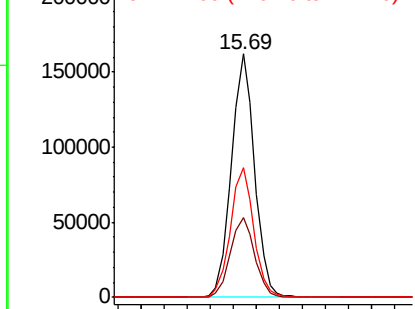
#61
4-Chlorophenyl-phenylether
Concen: 46.216 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG043441.D
Acq: 31 Oct 2019 19:41

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 225594
Ion Ratio Lower Upper
204 100
206 32.8 25.7 38.5
141 53.3 42.3 63.5

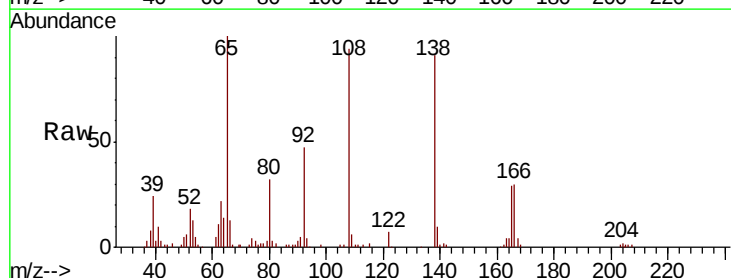


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

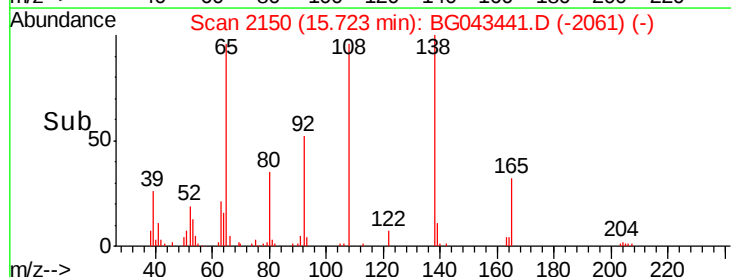
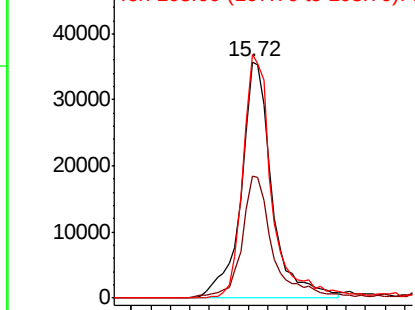


#62
4-Nitroaniline
Concen: 41.939 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG043441.D
Acq: 31 Oct 2019 19:41

Tgt Ion:138 Resp: 78799
Ion Ratio Lower Upper
138 100
92 51.5 28.8 68.8
108 103.0 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

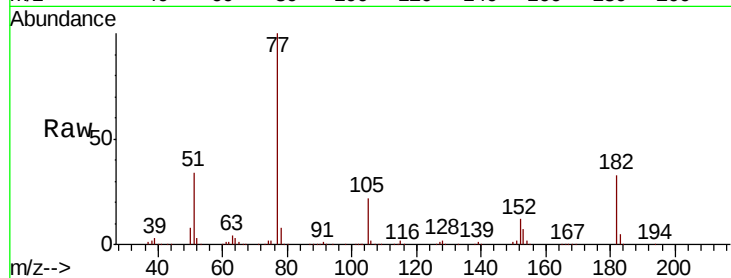




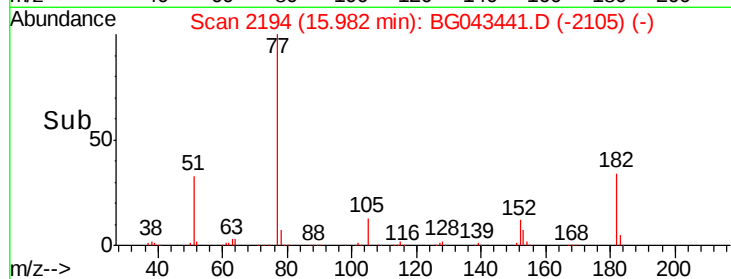
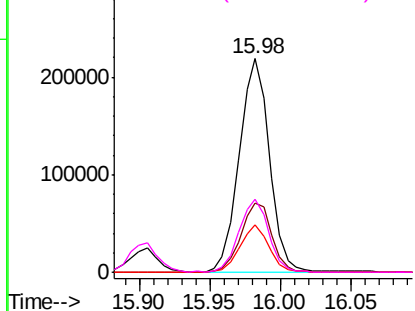
#63
Azobenzene
Concen: 46.055 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BG043441.D
Acq: 31 Oct 2019 19:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	324843
Ion	Ratio	Lower	Upper
77	100		
182	32.5	14.9	54.9
105	22.0	0.6	40.6
51	34.2	12.5	52.5

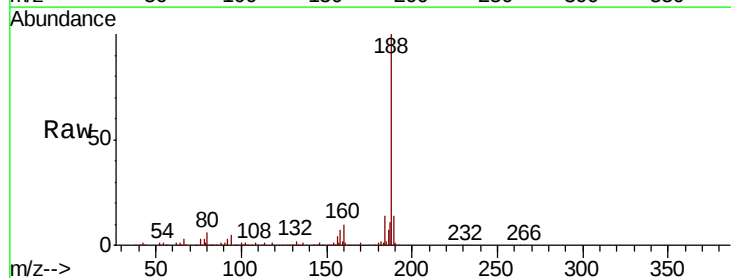


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

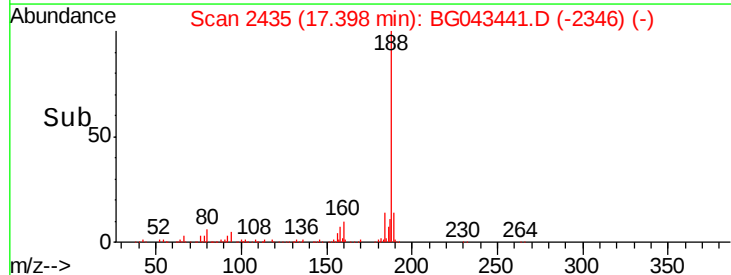
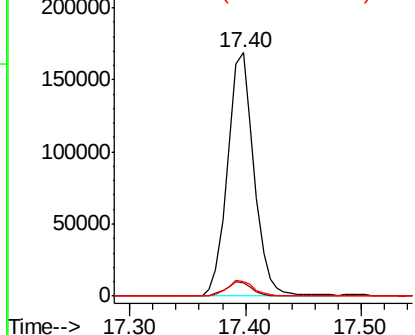


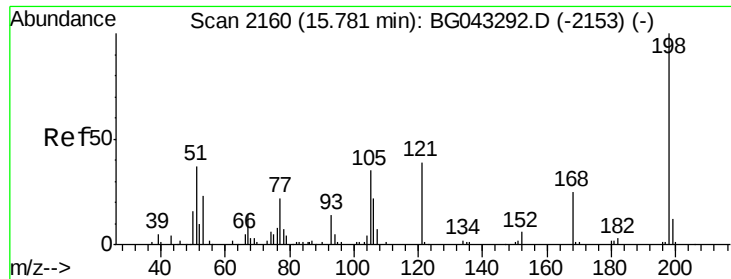
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG043441.D
Acq: 31 Oct 2019 19:41

Tgt Ion:	188	Resp:	267411
Ion	Ratio	Lower	Upper
188	100		
94	5.4	4.2	6.2
80	6.0	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

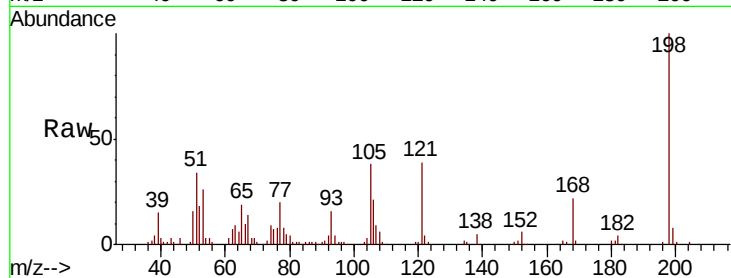




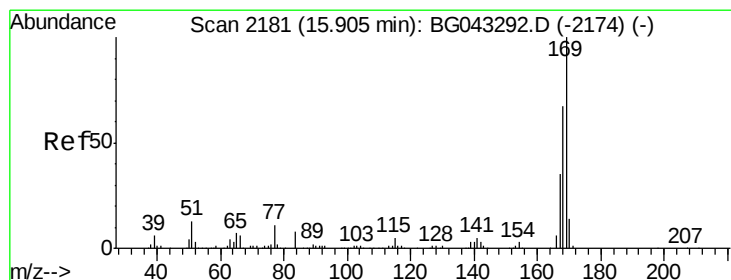
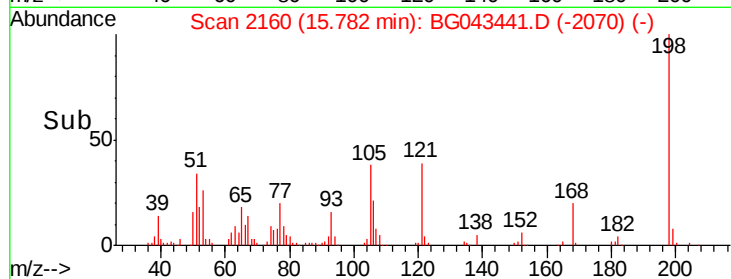
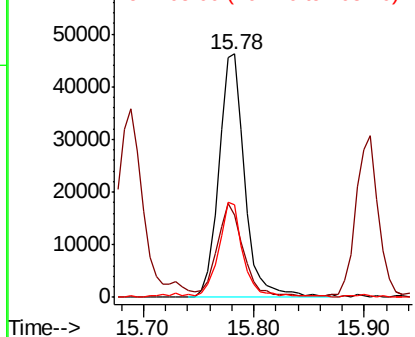
#65
 4,6-Dinitro-2-methylphenol
 Concen: 47.878 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. 0.00 min
 Lab File: BG043441.D
 Acq: 31 Oct 2019 19:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 75347
 Ion Ratio Lower Upper
 198 100
 51 33.7 21.4 61.4
 105 37.8 16.5 56.5

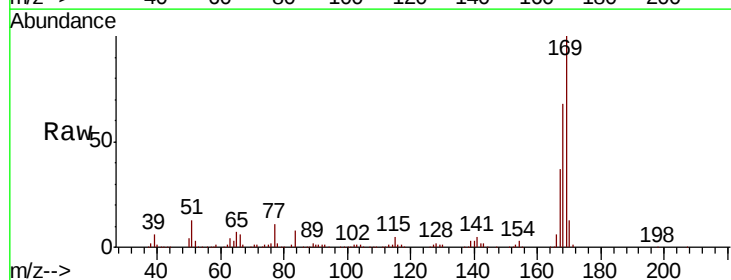


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

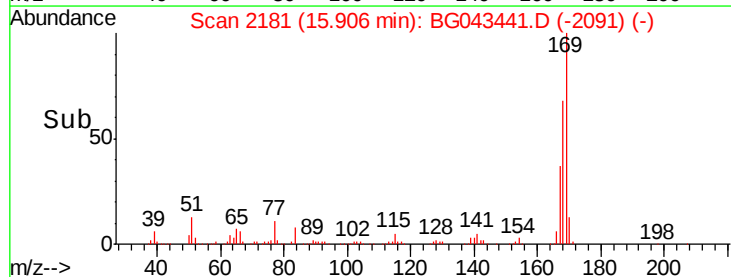
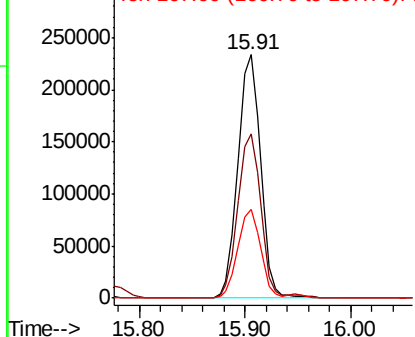


#66
 n-Nitrosodiphenylamine
 Concen: 45.780 ng
 RT: 15.91 min Scan# 2181
 Delta R.T. 0.00 min
 Lab File: BG043441.D
 Acq: 31 Oct 2019 19:41

Tgt Ion:169 Resp: 345629
 Ion Ratio Lower Upper
 169 100
 168 67.7 53.9 80.9
 167 36.6 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

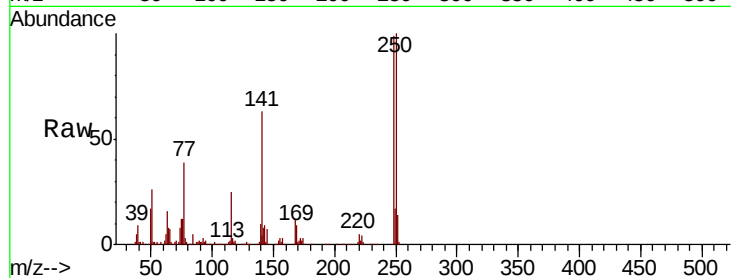




#67
4-Bromophenyl-phenylether
Concen: 44.269 ng
RT: 16.58 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BG043441.D
Acq: 31 Oct 2019 19:41

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	101.1	79.3	118.9
141	64.2	47.9	71.9

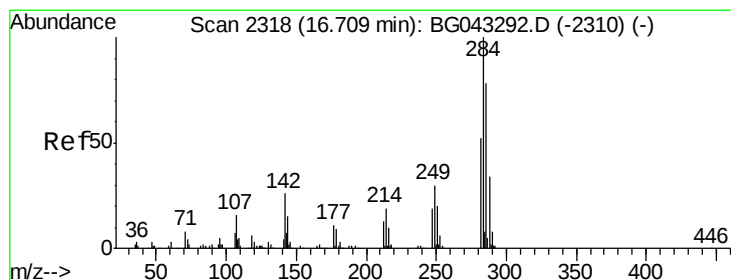
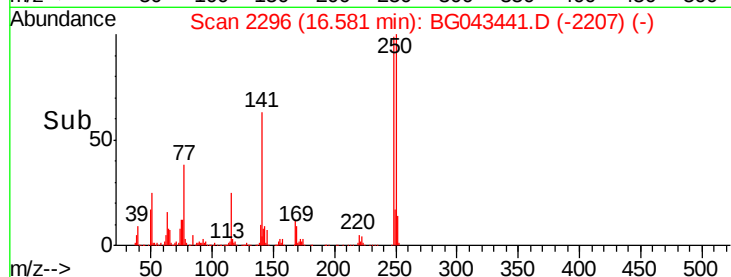
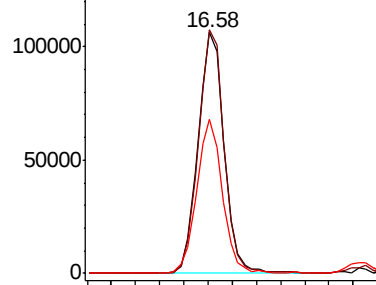


Abundance

Ion 248.00 (247.70 to 248.70): E

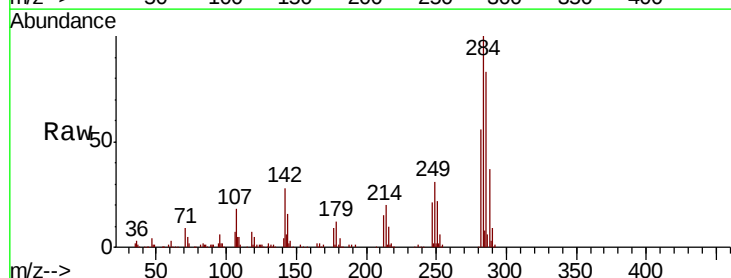
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.852 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BG043441.D
Acq: 31 Oct 2019 19:41

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.7	21.1	31.7
249	33.6	24.4	36.6

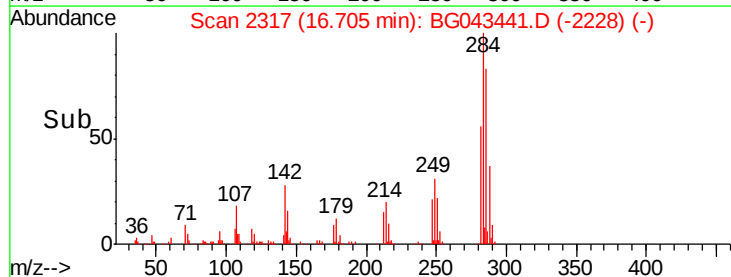
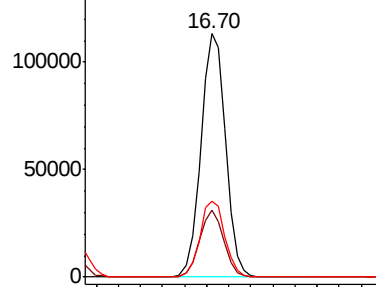


Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 56.110 ng

RT: 16.85 min Scan# 2342

Delta R.T. -0.00 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

Instrument :

BNA_G

ClientSampled :

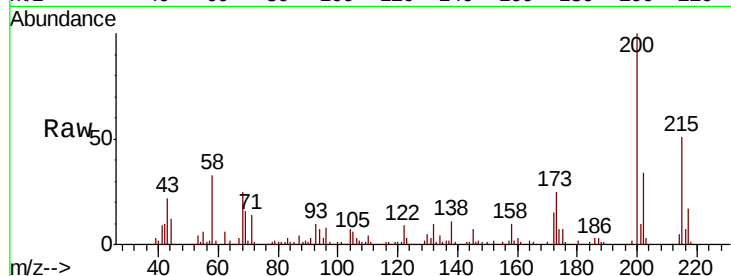
Tot Ion:200 Resp: 147197

Ion Ratio Lower Upper

200 100

173 24.9 5.1 45.1

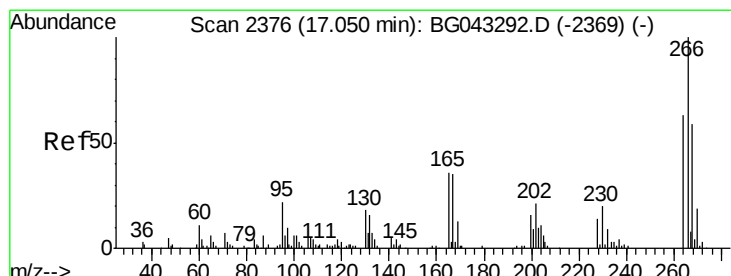
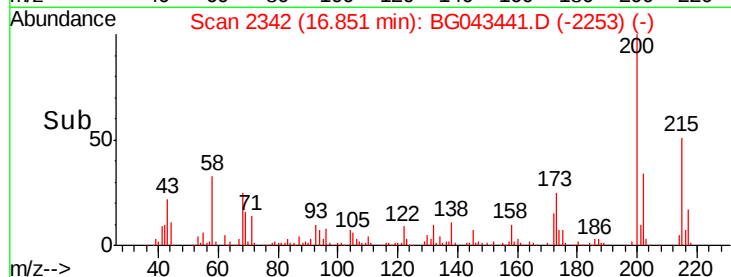
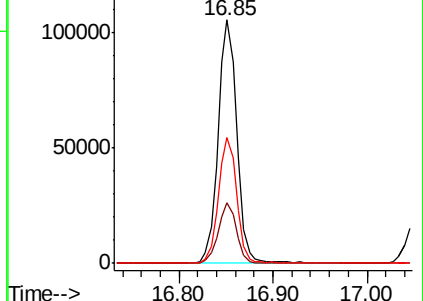
215 51.4 26.6 66.6



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: 102.345 ng

RT: 17.05 min Scan# 2376

Delta R.T. 0.00 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

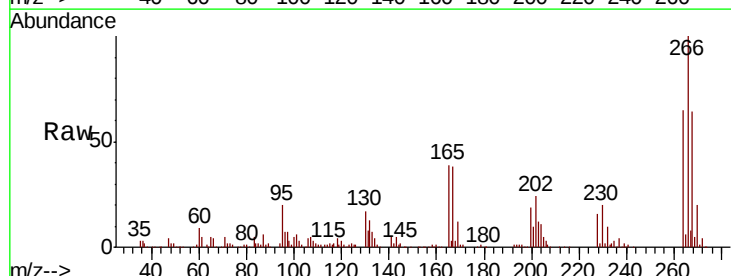
Tgt Ion:266 Resp: 192644

Ion Ratio Lower Upper

266 100

268 64.4 47.1 70.7

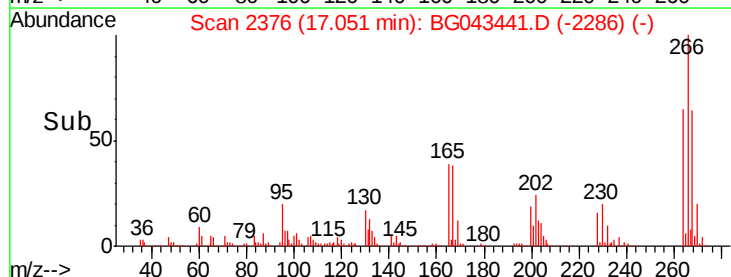
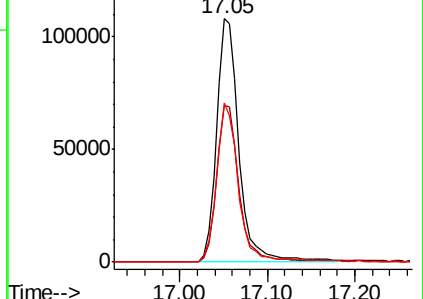
264 65.1 50.4 75.6

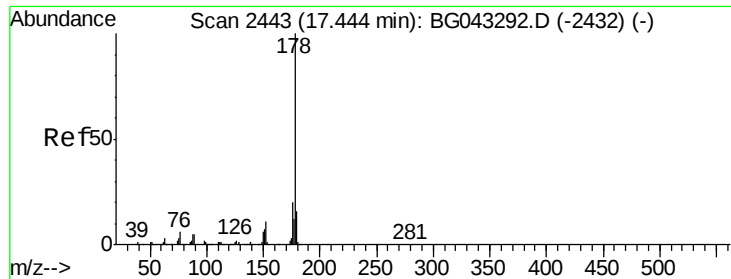


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 45.322 ng

RT: 17.44 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

Instrument :

BNA_G

ClientSampled :

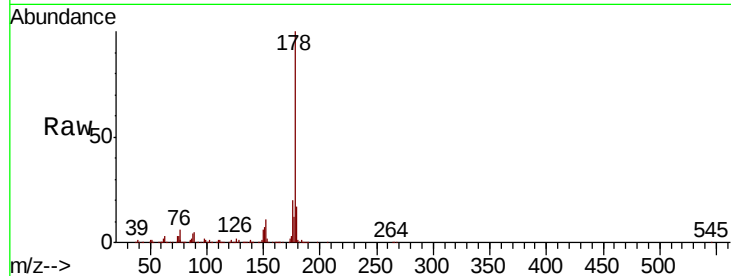
Tot Ion:178 Resp: 620616

Ion Ratio Lower Upper

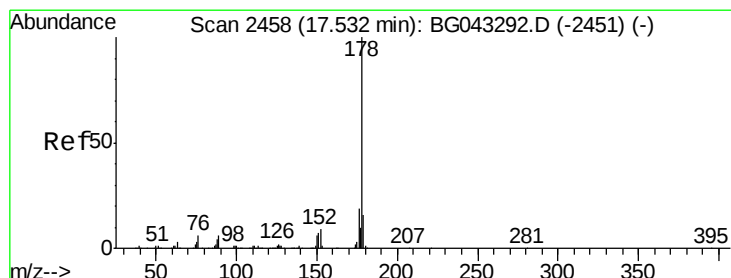
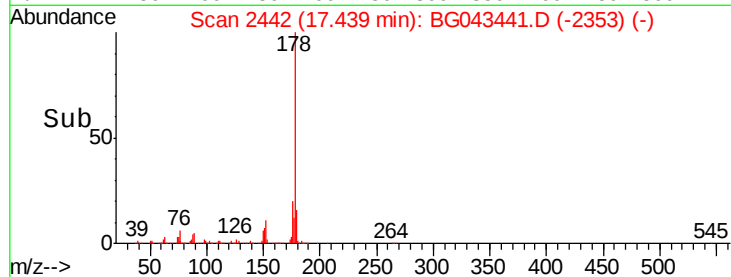
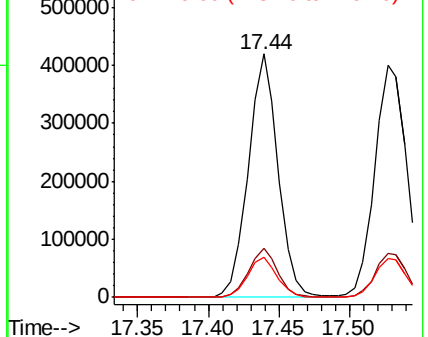
178 100

176 20.2 15.8 23.8

179 16.5 13.1 19.7



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



#72

Anthracene

Concen: 46.868 ng

RT: 17.53 min Scan# 2457

Delta R.T. -0.00 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

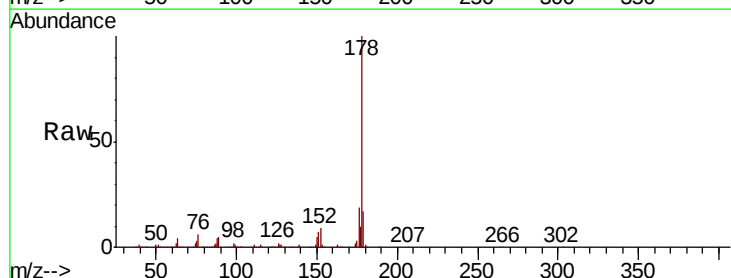
Tgt Ion:178 Resp: 642120

Ion Ratio Lower Upper

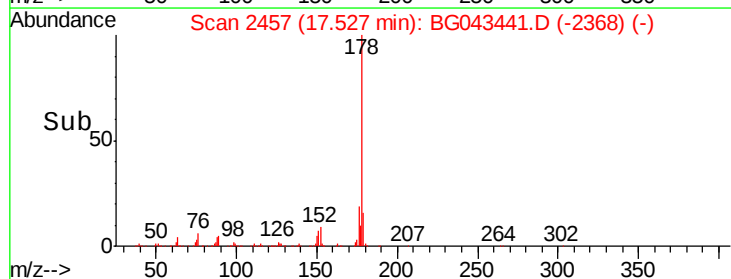
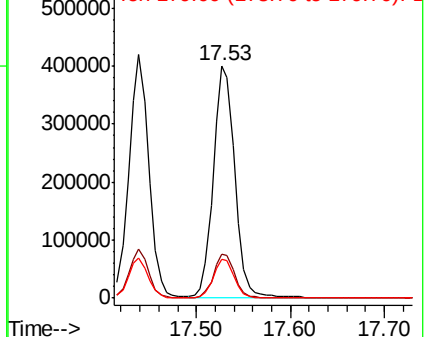
178 100

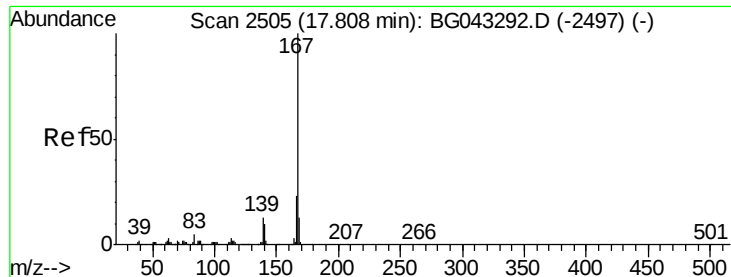
176 18.7 15.1 22.7

179 16.6 13.0 19.6



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





#73

Carbazole

Concen: 45.554 ng

RT: 17.80 min Scan# 2504

Delta R.T. -0.00 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

Instrument :

BNA_G

ClientSampleId :

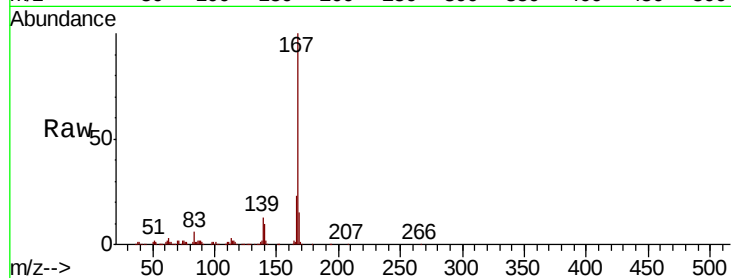
Tot Ion:167 Resp: 565181

Ion Ratio Lower Upper

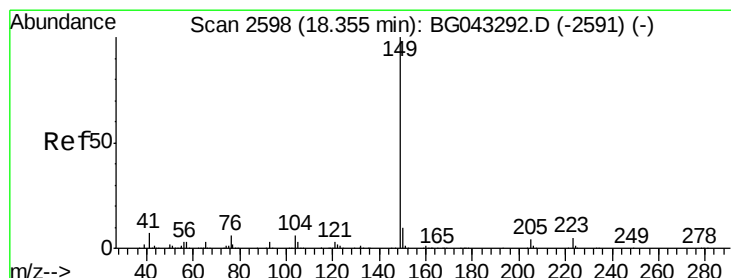
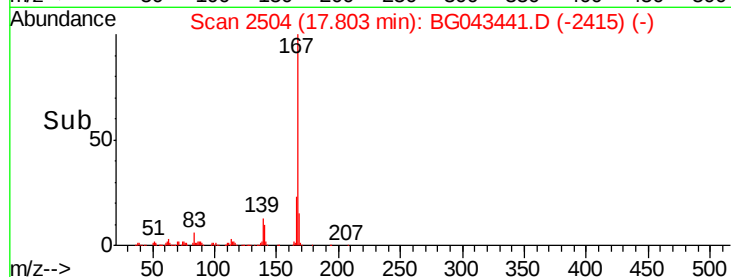
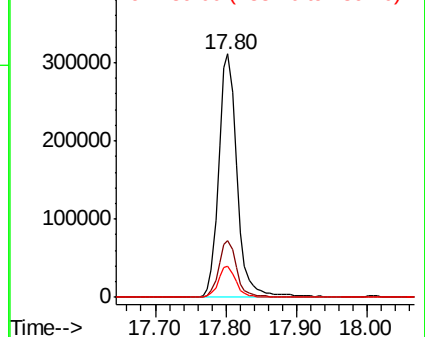
167 100

166 23.1 18.4 27.6

139 12.8 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: 44.317 ng

RT: 18.35 min Scan# 2597

Delta R.T. -0.00 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

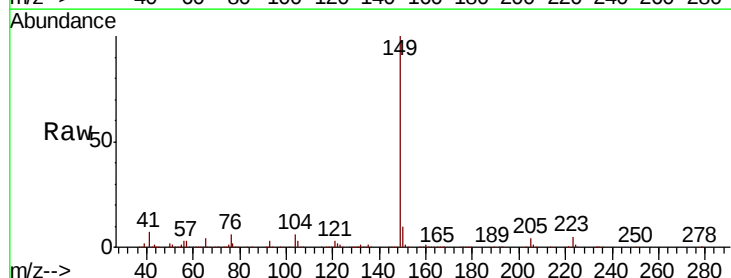
Tgt Ion:149 Resp: 667148

Ion Ratio Lower Upper

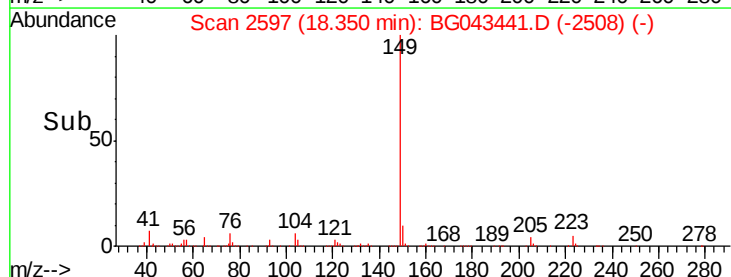
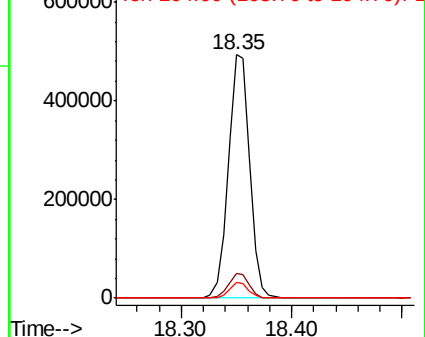
149 100

150 9.9 8.0 12.0

104 6.4 4.7 7.1



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





#75

Fluoranthene

Concen: 46.533 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

Instrument :

BNA_G

ClientSampleId :

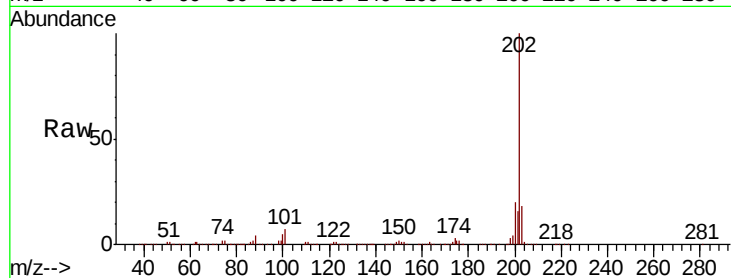
Tot Ion:202 Resp: 830701

Ion Ratio Lower Upper

202 100

101 6.8 0.0 26.0

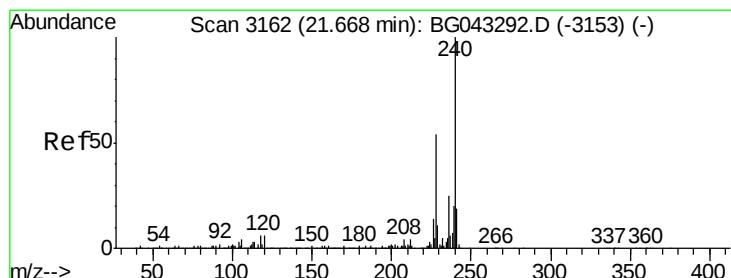
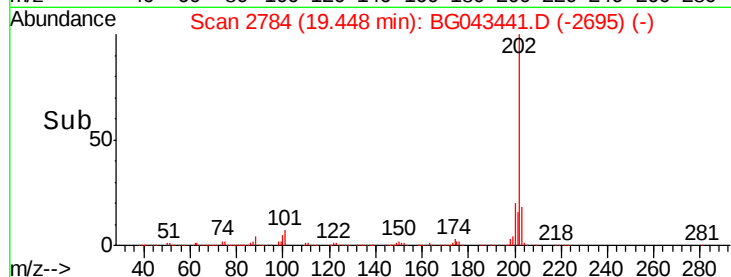
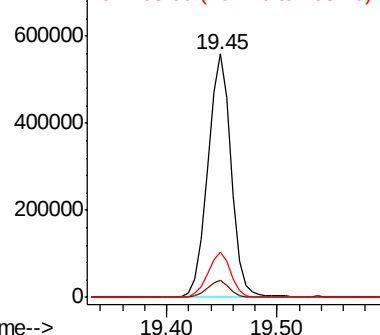
203 18.4 0.0 38.2



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. -0.00 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

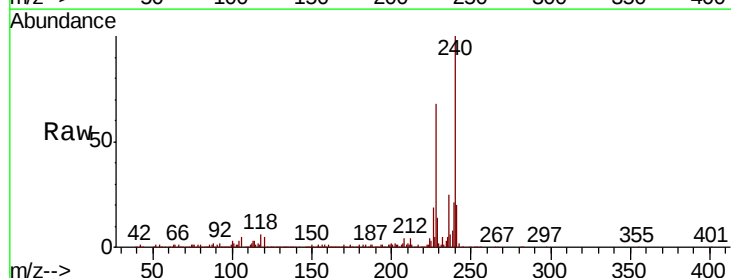
Tgt Ion:240 Resp: 279179

Ion Ratio Lower Upper

240 100

120 5.5 4.6 7.0

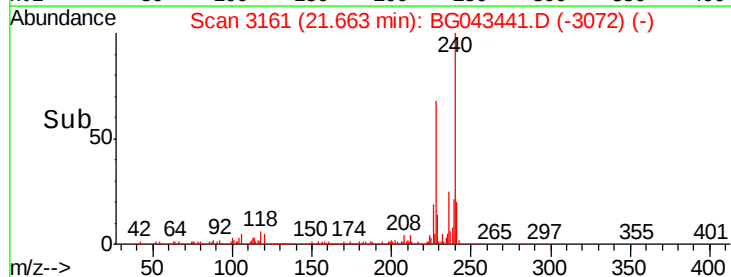
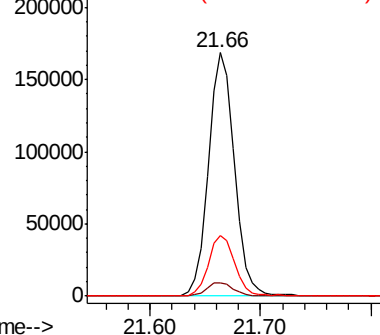
236 24.9 20.2 30.4

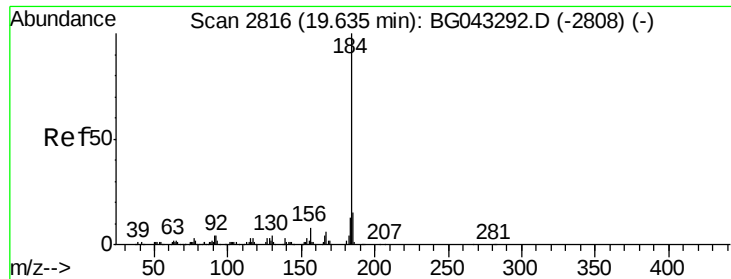


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 70.665 ng

RT: 19.63 min Scan# 2815

Delta R.T. -0.00 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

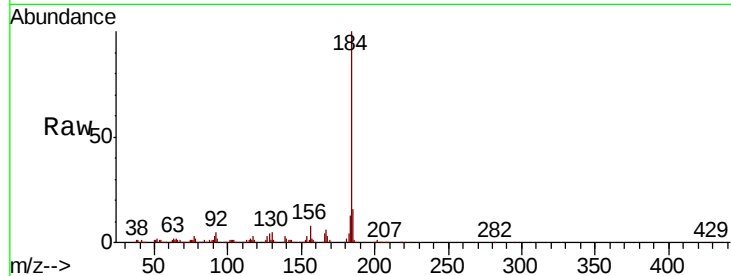
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 397034

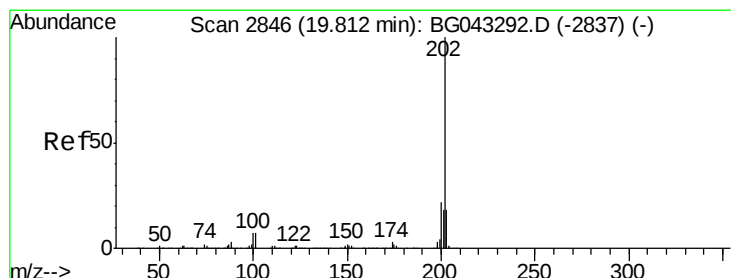
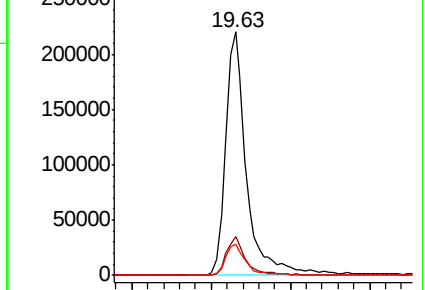
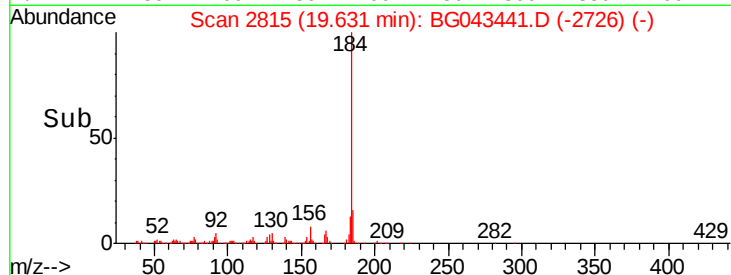
Ion	Ratio	Lower	Upper
184	100		
185	16.2	11.8	17.6
183	13.0	10.6	16.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.191 ng

RT: 19.81 min Scan# 2845

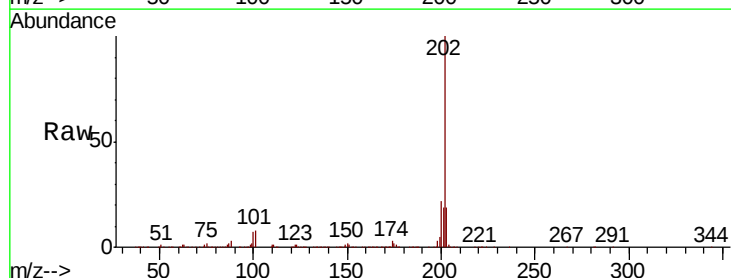
Delta R.T. -0.00 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

Tgt Ion:202 Resp: 832786

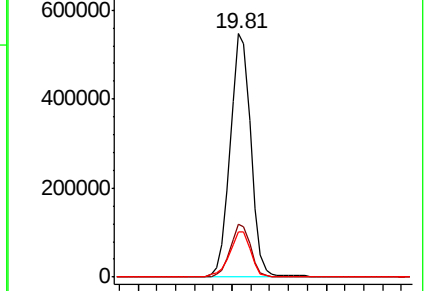
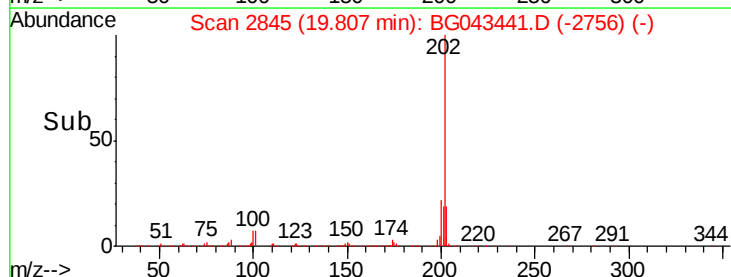
Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.3	25.9
203	18.5	14.5	21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.501 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

Instrument :

BNA_G

ClientSampleId :

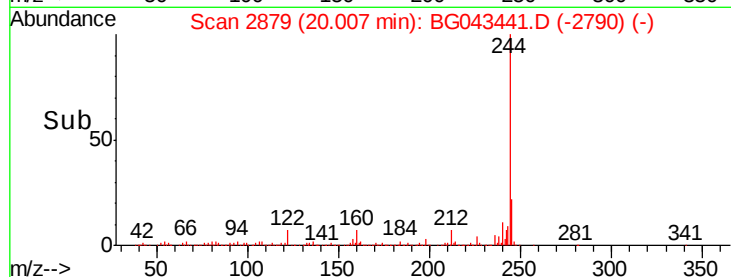
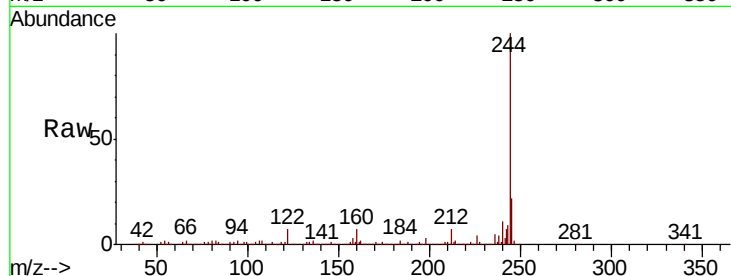
Tot Ion:244 Resp: 1287235

Ion Ratio Lower Upper

244 100

212 7.1 6.4 9.6

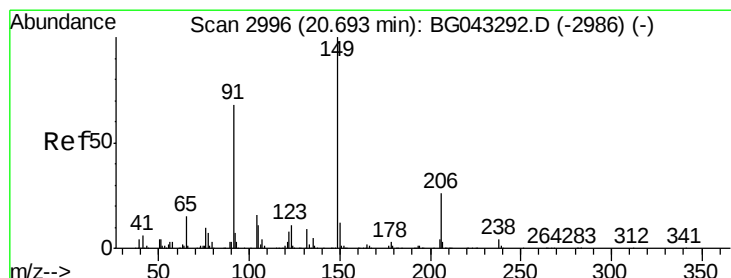
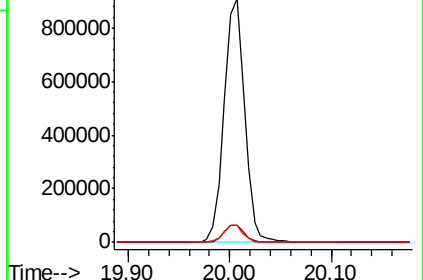
122 6.9 5.3 7.9



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: 46.277 ng

RT: 20.69 min Scan# 2995

Delta R.T. -0.00 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

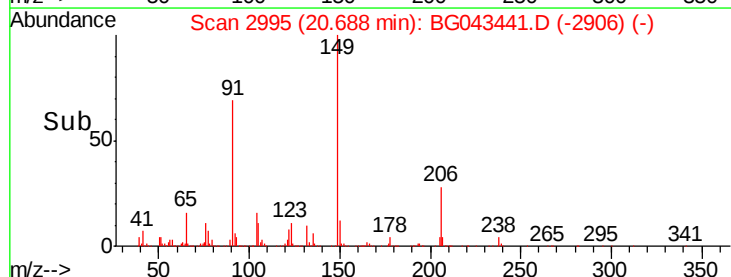
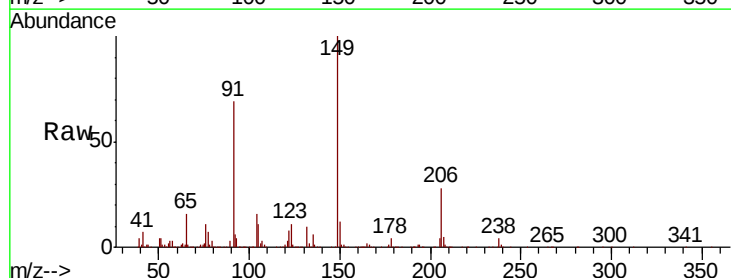
Tgt Ion:149 Resp: 302975

Ion Ratio Lower Upper

149 100

91 69.3 54.6 82.0

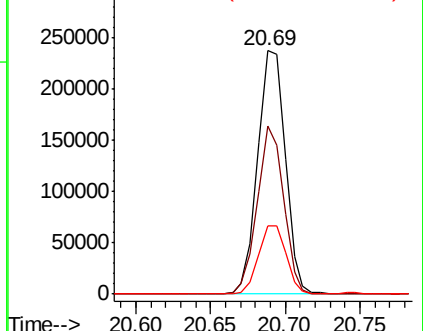
206 28.2 20.5 30.7

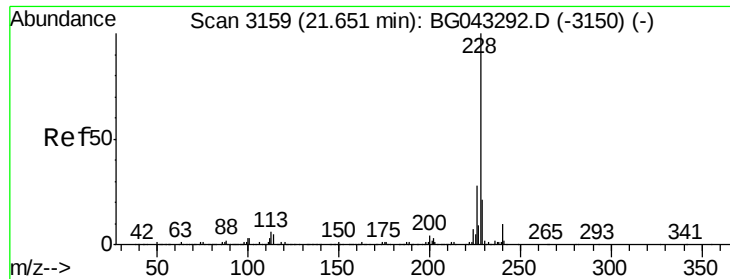


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.916 ng

RT: 21.65 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

Instrument :

BNA_G

ClientSampleId :

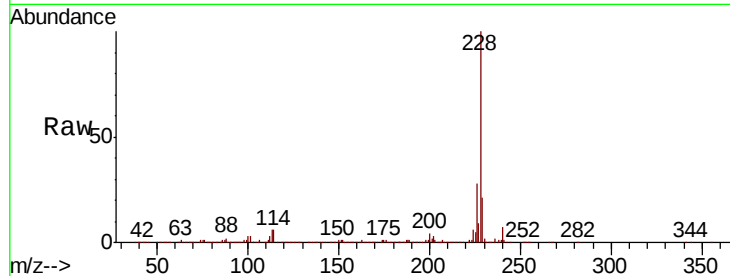
Tot Ion:228 Resp: 855421

Ion Ratio Lower Upper

228 100

226 28.2 22.2 33.4

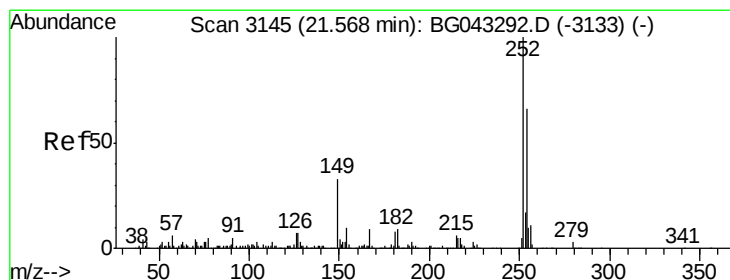
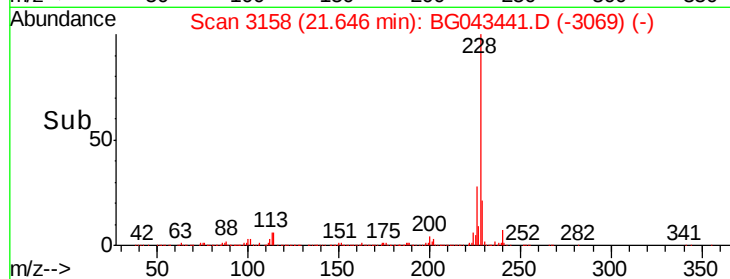
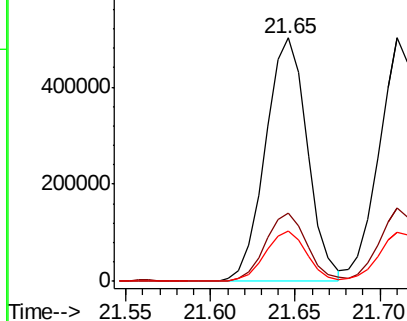
229 20.6 16.9 25.3



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: 31.172 ng

RT: 21.56 min Scan# 3143

Delta R.T. -0.01 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

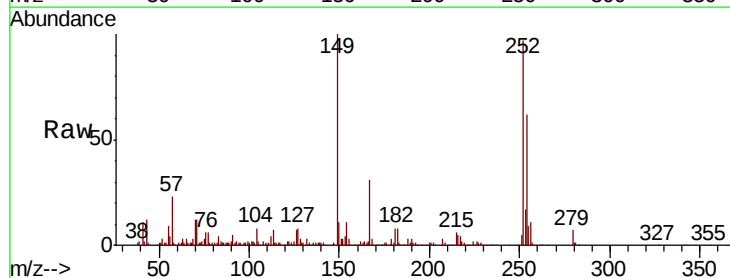
Tgt Ion:252 Resp: 210845

Ion Ratio Lower Upper

252 100

254 64.6 52.7 79.1

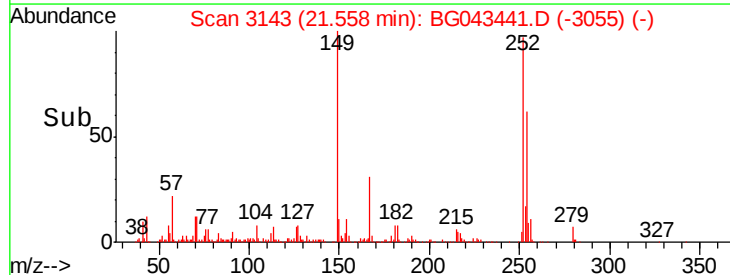
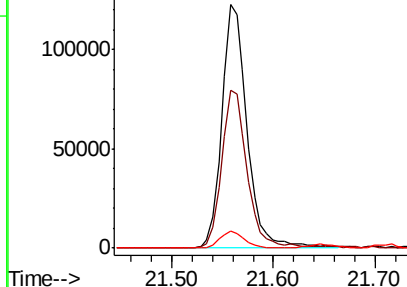
126 6.9 5.6 8.4

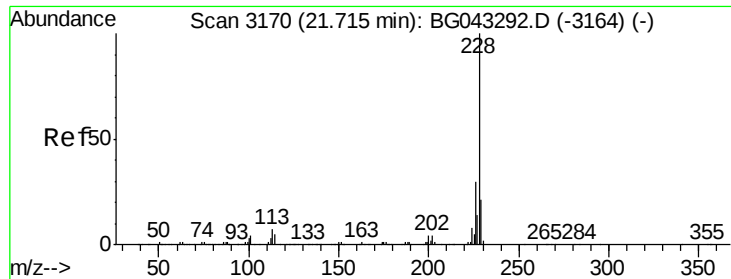


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 48.238 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

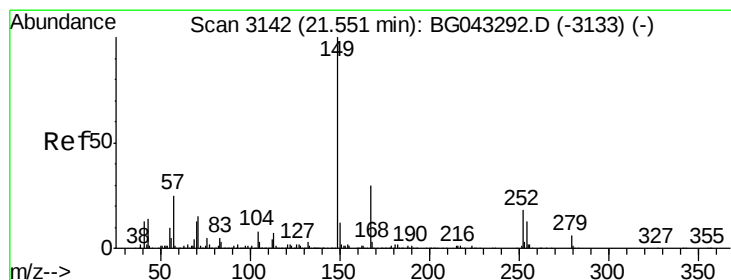
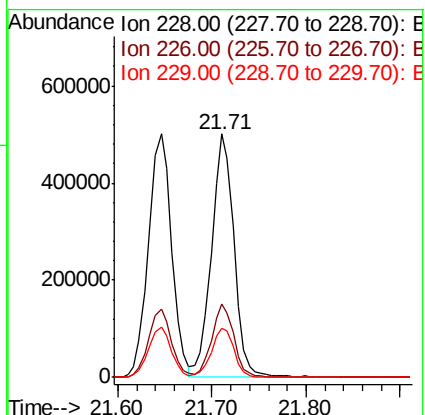
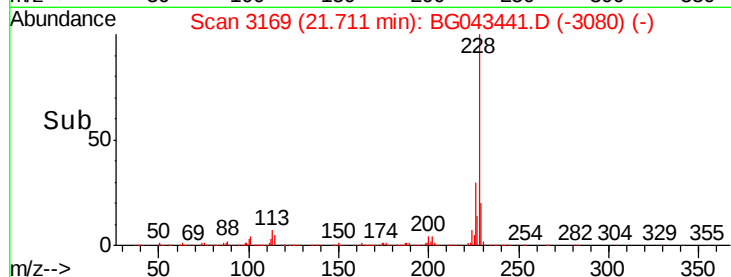
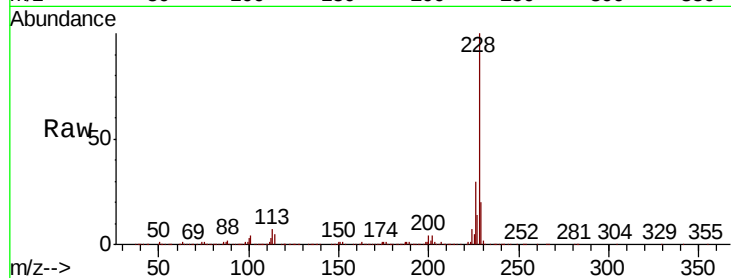
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 838150

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.8	35.8
229	20.3	16.3	24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.733 ng

RT: 21.55 min Scan# 3141

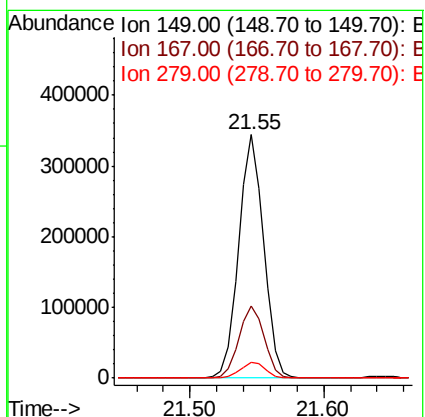
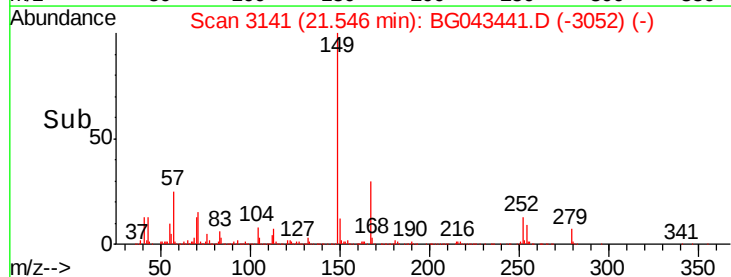
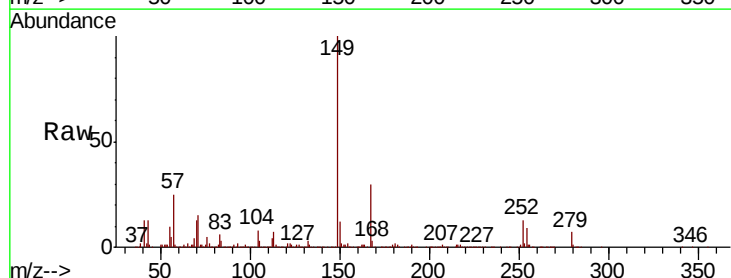
Delta R.T. -0.00 min

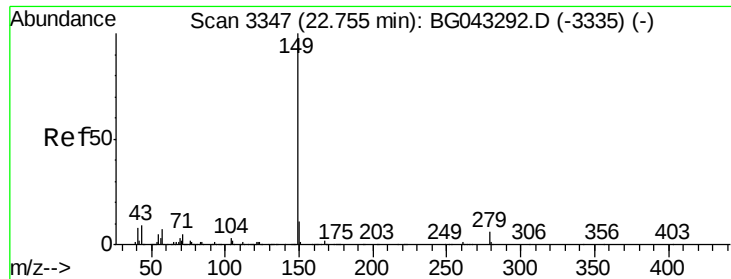
Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

Tgt Ion:149 Resp: 443921

Ion	Ratio	Lower	Upper
149	100		
167	29.6	23.9	35.9
279	6.6	4.8	7.2





#85

Di-n-octyl phthalate

Concen: 48.358 ng

RT: 22.74 min Scan# 3345

Delta R.T. -0.01 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

Instrument :

BNA_G

ClientSampled :

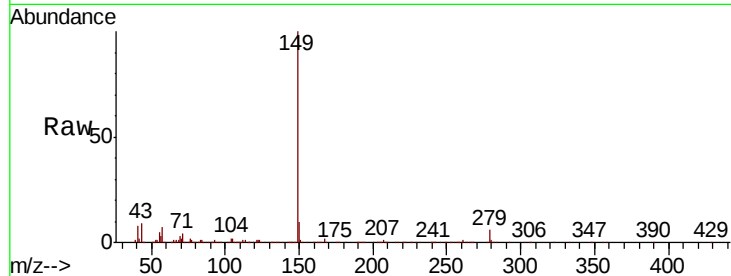
Tot Ion:149 Resp: 763015

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

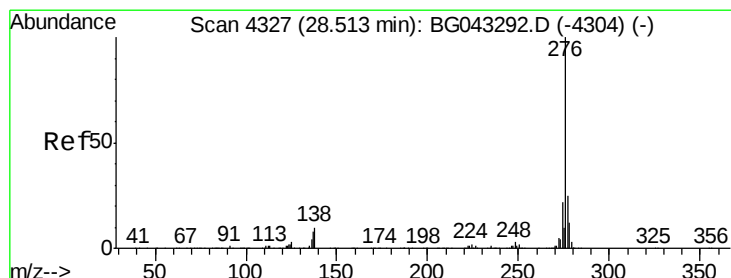
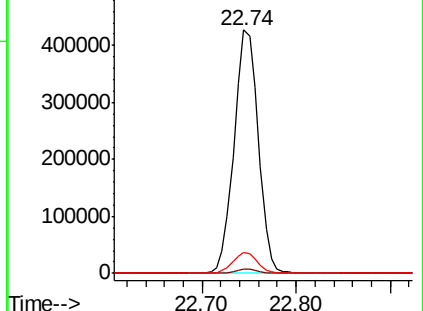
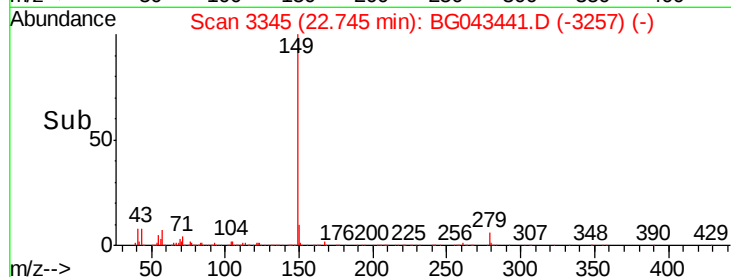
43 8.3 6.9 10.3



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: 50.158 ng

RT: 28.51 min Scan# 4326

Delta R.T. -0.00 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

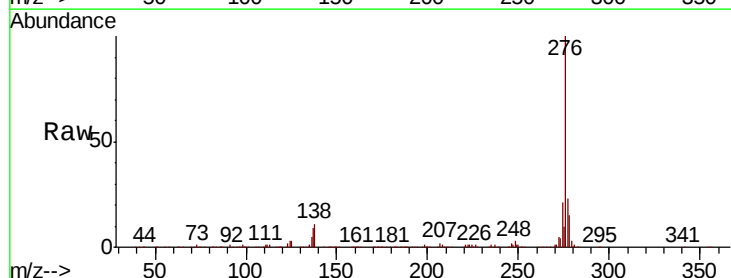
Tgt Ion:276 Resp: 1093960

Ion Ratio Lower Upper

276 100

138 8.4 7.2 10.8

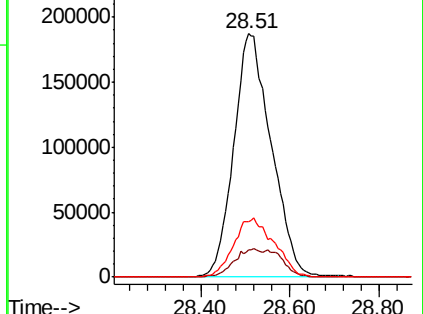
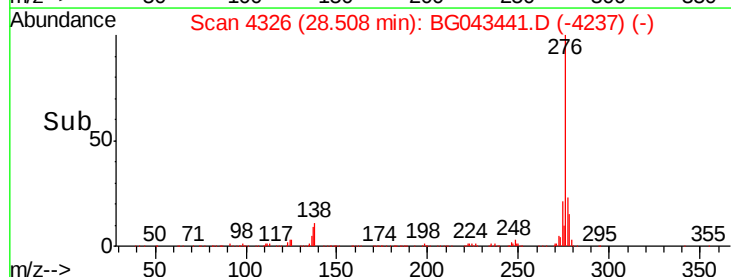
277 26.1 20.9 31.3



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: BG043441.D

Acq: 31 Oct 2019 19:41

Instrument :

BNA_G

ClientSampleId :

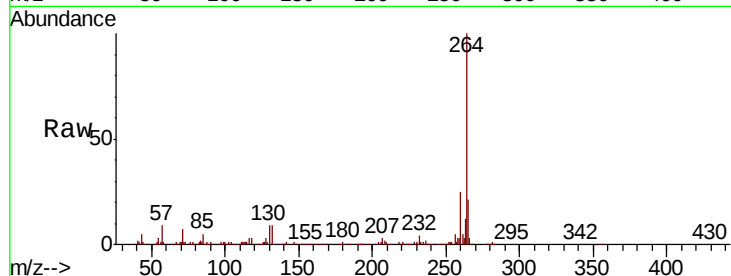
Tot Ion:264 Resp: 336274

Ion Ratio Lower Upper

264 100

260 25.4 17.9 26.9

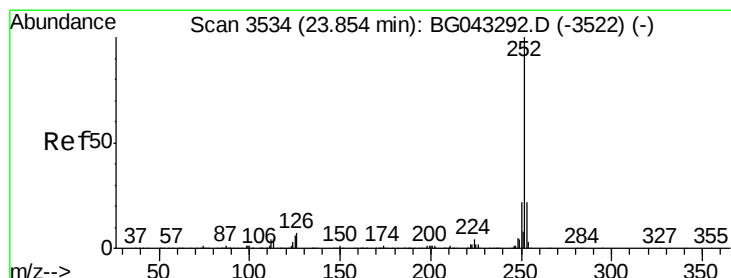
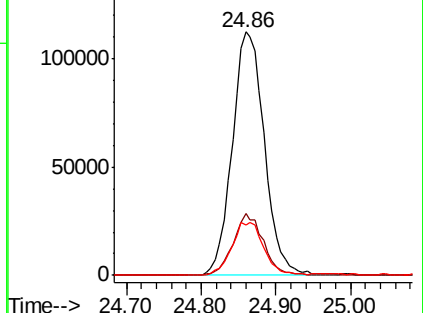
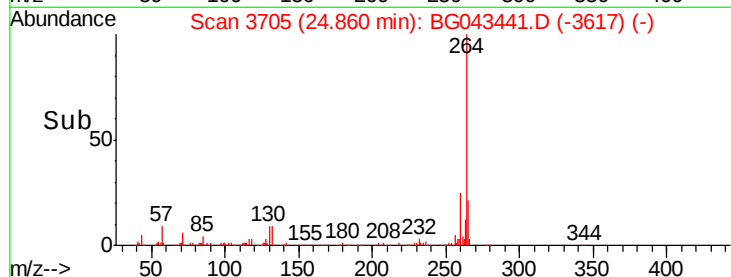
265 20.9 17.4 26.2



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: 48.960 ng

RT: 23.85 min Scan# 3533

Delta R.T. -0.00 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

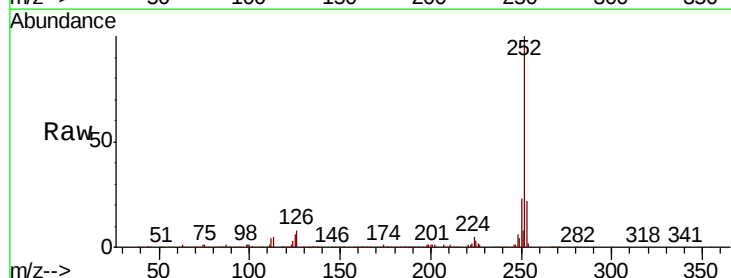
Tgt Ion:252 Resp: 932473

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

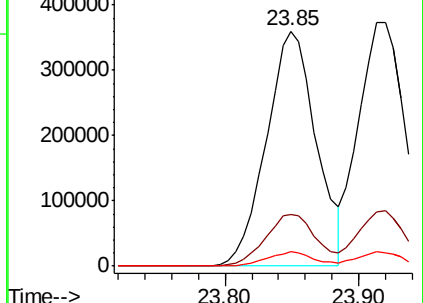
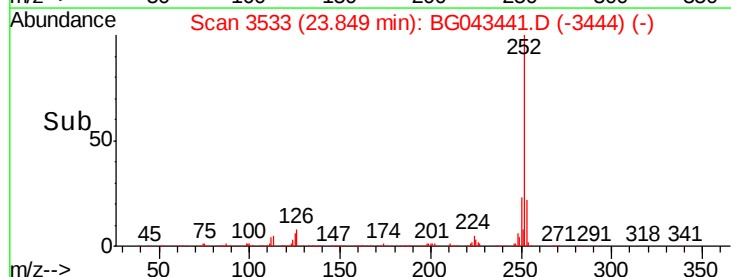
125 6.1 5.0 7.6

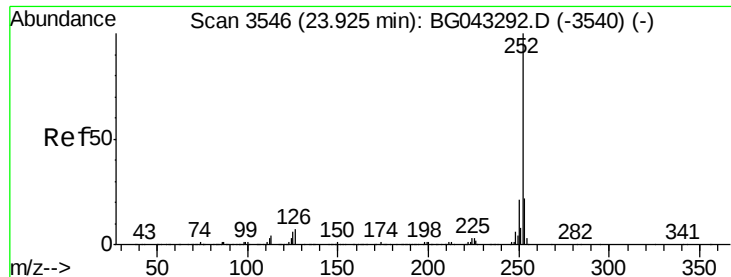


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 47.150 ng

RT: 23.91 min Scan# 3544

Delta R.T. -0.01 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

Instrument :

BNA_G

ClientSampleId :

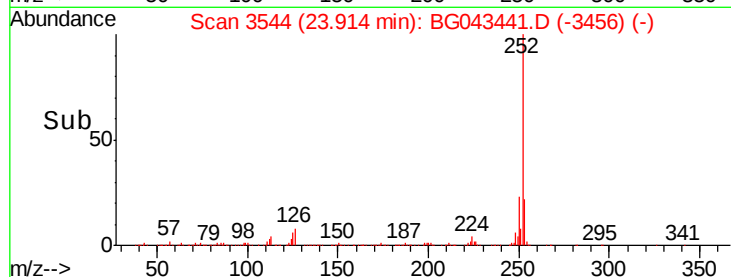
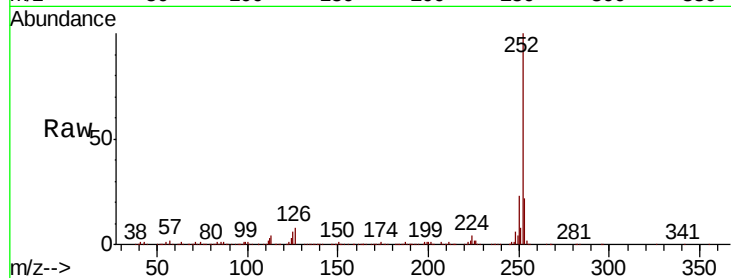
Tot Ion:252 Resp: 904009

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

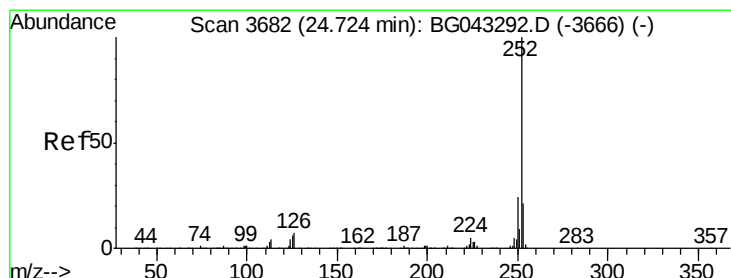
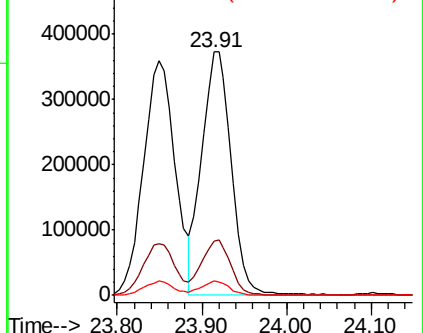
125 5.8 4.5 6.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 46.396 ng

RT: 24.71 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

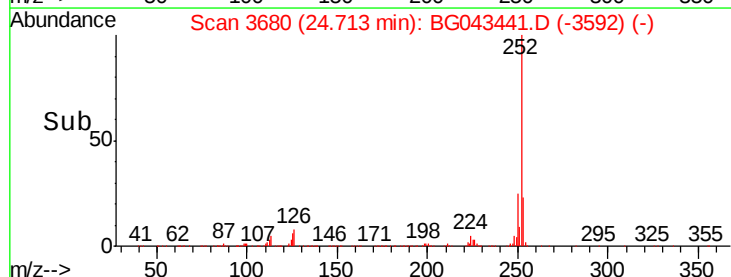
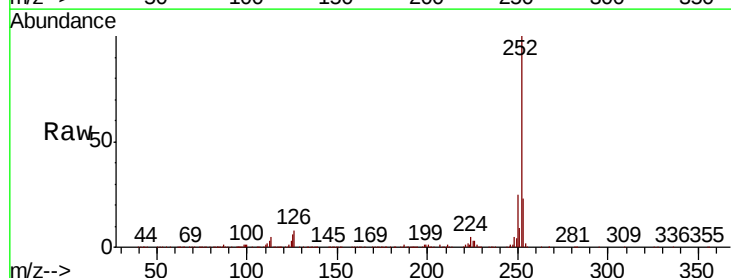
Tgt Ion:252 Resp: 843804

Ion Ratio Lower Upper

252 100

253 23.1 17.2 25.8

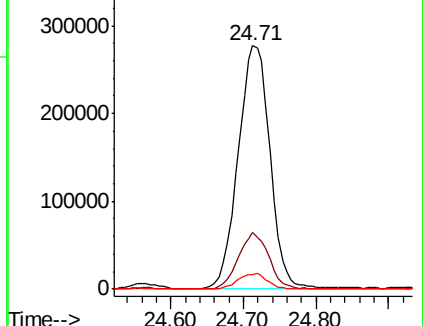
125 6.0 5.0 7.6

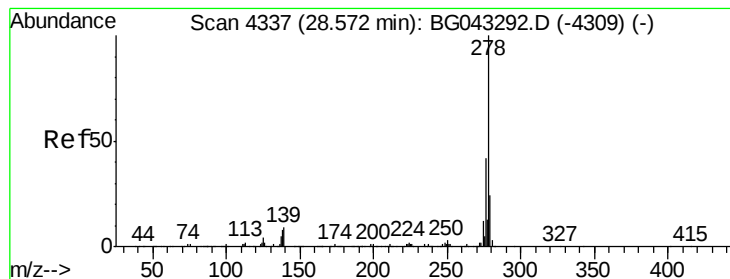


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 49.469 ng

RT: 28.57 min Scan# 4337

Delta R.T. 0.00 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

Instrument :

BNA_G

ClientSampleId :

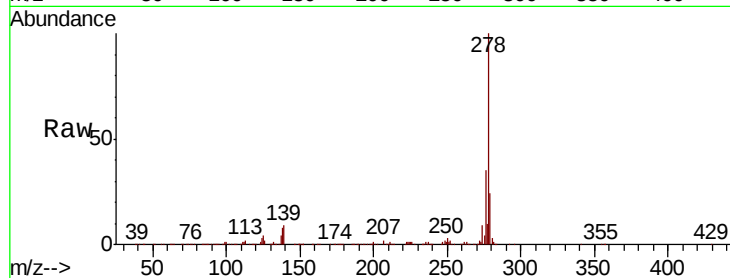
Tot Ion:278 Resp: 920261

Ion Ratio Lower Upper

278 100

139 8.6 6.8 10.2

279 24.0 19.0 28.6

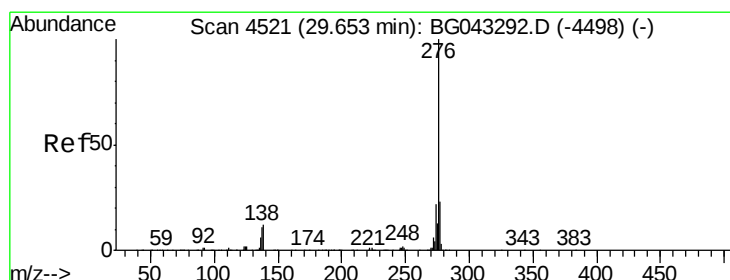
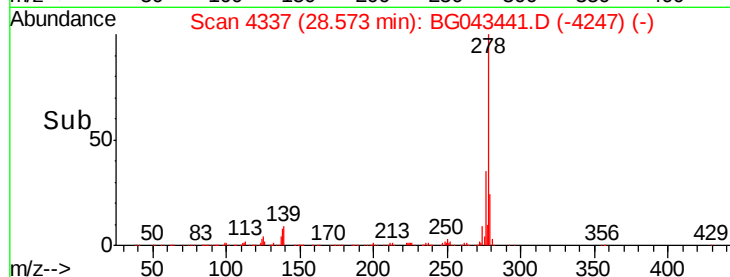
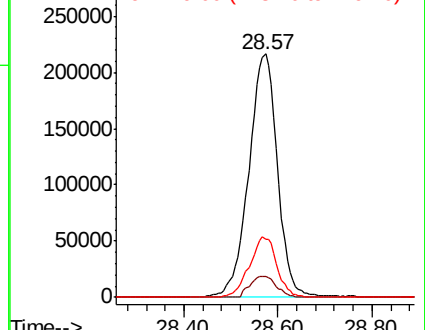


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 50.064 ng

RT: 29.65 min Scan# 4520

Delta R.T. -0.00 min

Lab File: BG043441.D

Acq: 31 Oct 2019 19:41

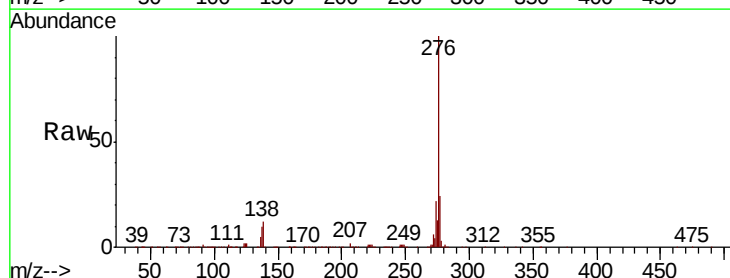
Tgt Ion:276 Resp: 918668

Ion Ratio Lower Upper

276 100

277 23.9 18.3 27.5

138 11.6 9.3 13.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

