

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110619\
 Data File : BG043526.D
 Acq On : 6 Nov 2019 18:52
 Operator : JU
 Sample : PB124575BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 07 01:06:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	27984	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	107996	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	75287	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	179887	20.00	ng	0.00
76) Chrysene-d12	21.65	240	195213	20.00	ng	0.00
87) Perylene-d12	24.85	264	227453	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	204488	133.90	ng	0.01
7) Phenol-d6	7.20	99	273562	124.51	ng	0.00
23) Nitrobenzene-d5	9.18	82	135102	64.49	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	164842	115.06	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	360401	66.15	ng	0.00
79) Terphenyl-d14	20.00	244	698239	67.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	26517	44.558	ng	97
3) Pyridine	3.87	79	62293	41.495	ng	94
4) n-Nitrosodimethylamine	3.79	42	35003	46.208	ng	# 98
6) Aniline	7.34	93	78936	31.187	ng	98
8) 2-Chlorophenol	7.58	128	81753	48.496	ng	95
9) Benzaldehyde	7.15	77	44094	40.836	ng	79
10) Phenol	7.22	94	96627	48.126	ng	98
11) bis(2-Chloroethyl)ether	7.43	93	66089	42.575	ng	93
12) 1,3-Dichlorobenzene	7.90	146	90820	42.999	ng	97
13) 1,4-Dichlorobenzene	8.04	146	93247	43.635	ng	98
14) 1,2-Dichlorobenzene	8.36	146	85902	41.170	ng	99
15) Benzyl Alcohol	8.26	79	70242	45.520	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	87136	38.604	ng	97
17) 2-Methylphenol	8.46	107	67331	46.001	ng	93
18) Hexachloroethane	9.09	117	33685	43.690	ng	98
19) n-Nitroso-di-n-propylamine	8.81	70	59744	42.080	ng	96
20) 3+4-Methylphenols	8.80	107	90671	45.176	ng	96
22) Acetophenone	8.83	105	116777	42.224	ng	# 97
24) Nitrobenzene	9.22	77	88109	44.153	ng	# 94
25) Isophorone	9.73	82	165820	43.297	ng	99
26) 2-Nitrophenol	9.93	139	46031	47.780	ng	96
27) 2,4-Dimethylphenol	9.99	122	72432	52.456	ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	89801	42.484	ng	96
29) 2,4-Dichlorophenol	10.47	162	82795	46.798	ng	95
30) 1,2,4-Trichlorobenzene	10.68	180	93852	42.089	ng	98
31) Naphthalene	10.87	128	244771	44.651	ng	98
32) Benzoic acid	10.16	122	29789	31.976	ng	97
33) 4-Chloroaniline	10.98	127	56593	25.185	ng	97
34) Hexachlorobutadiene	11.15	225	65182	39.544	ng	99
35) Caprolactam	11.74	113	16156	26.515	ng	95
36) 4-Chloro-3-methylphenol	12.11	107	87008	45.086	ng	94
37) 2-Methylnaphthalene	12.47	142	187264	44.522	ng	97
38) 1-Methylnaphthalene	12.69	142	177651	44.391	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	118476	42.521	ng	99

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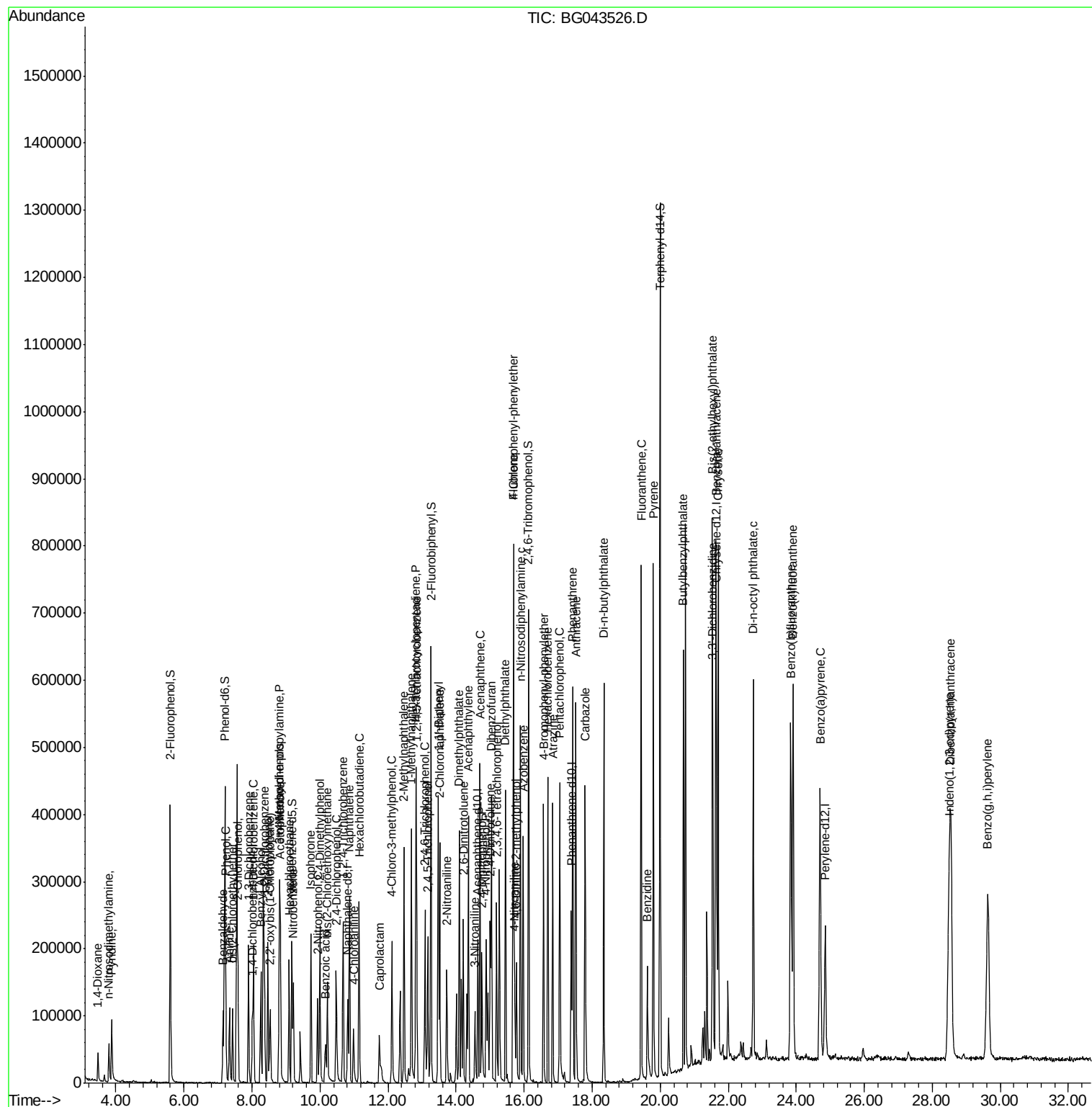
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	126766	86.610	nq	98
43) 2,4,6-Trichlorophenol	13.08	196	74862	45.624	nq	93
44) 2,4,5-Trichlorophenol	13.17	196	78175	47.125	nq	93
46) 1,1'-Biphenyl	13.48	154	246038	42.958	nq	97
47) 2-Chloronaphthalene	13.52	162	191900	44.036	nq	99
48) 2-Nitroaniline	13.73	65	56660	43.502	nq	96
49) Acenaphthylene	14.36	152	311318	45.901	nq	100
50) Dimethylphthalate	14.09	163	249548	42.793	nq	97
51) 2,6-Dinitrotoluene	14.22	165	58719	46.349	nq	89
52) Acenaphthene	14.70	154	182524	44.130	nq	95
53) 3-Nitroaniline	14.55	138	37324	30.515	nq	96
54) 2,4-Dinitrophenol	14.76	184	62050	78.577	nq	94
55) Dibenzofuran	15.04	168	299513	44.654	nq	99
56) 4-Nitrophenol	14.89	139	74434	90.810	nq	93
57) 2,4-Dinitrotoluene	15.00	165	81876	45.222	nq	97
58) Fluorene	15.69	166	246899	43.889	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	73612	41.766	nq	96
60) Diethylphthalate	15.45	149	249249	42.538	nq	99
61) 4-Chlorophenyl-phenylether	15.68	204	141452	43.102	nq	98
62) 4-Nitroaniline	15.72	138	53610	42.440	nq	96
63) Azobenzene	15.97	77	205091	43.249	nq	97
65) 4,6-Dinitro-2-methylphenol	15.77	198	49335	46.602	nq	91
66) n-Nitrosodiphenylamine	15.89	169	221670	43.647	nq	95
67) 4-Bromophenyl-phenylether	16.57	248	97744	40.375	nq	98
68) Hexachlorobenzene	16.70	284	111314	40.057	nq	94
69) Atrazine	16.84	200	97341	55.159	nq	97
70) Pentachlorophenol	17.05	266	109834	86.741	nq	98
71) Phenanthrene	17.43	178	394774	42.856	nq	99
72) Anthracene	17.52	178	416474	45.189	nq	97
73) Carbazole	17.79	167	375339	44.972	nq	98
74) Di-n-butylphthalate	18.34	149	438330	43.284	nq	99
75) Fluoranthene	19.44	202	520482	43.341	nq	98
77) Benzidine	19.62	184	158585	40.366	nq	99
78) Pyrene	19.80	202	530374	43.893	nq	100
80) Butylbenzylphthalate	20.69	149	195933	42.799	nq	99
81) Benzo(a)anthracene	21.64	228	541915	44.318	nq	97
82) 3,3'-Dichlorobenzidine	21.56	252	156534	33.097	nq	96
83) Chrysene	21.70	228	519830	42.786	nq	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	287174	44.160	nq	99
85) Di-n-octyl phthalate	22.74	149	496786	45.028	nq	100
86) Indeno(1,2,3-cd)pyrene	28.49	276	682589	44.758	nq	# 96
88) Benzo(b)fluoranthene	23.84	252	559014	43.394	nq	100
89) Benzo(k)fluoranthene	23.91	252	575708	44.392	nq	98
90) Benzo(a)pyrene	24.70	252	523381	42.546	nq	99
91) Dibenzo(a,h)anthracene	28.55	278	577045	45.860	nq	99
92) Benzo(g,h,i)perylene	29.63	276	574164	46.260	nq	98

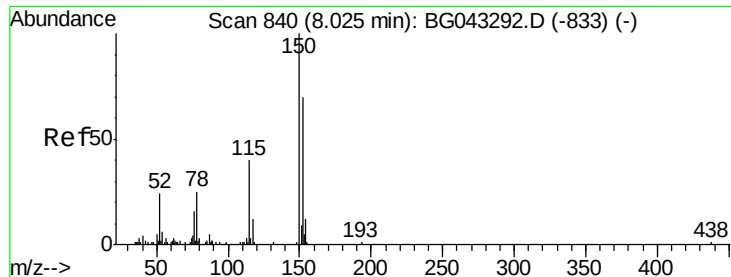
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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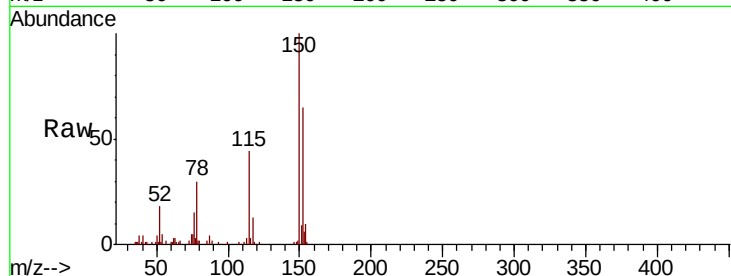


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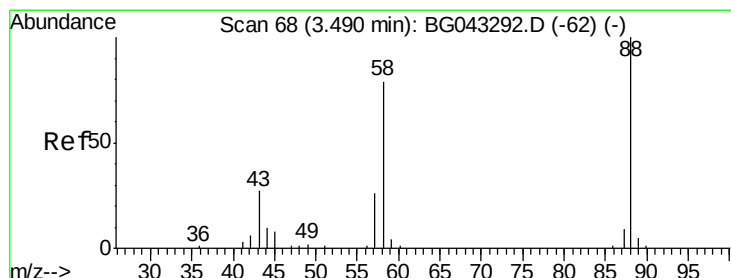
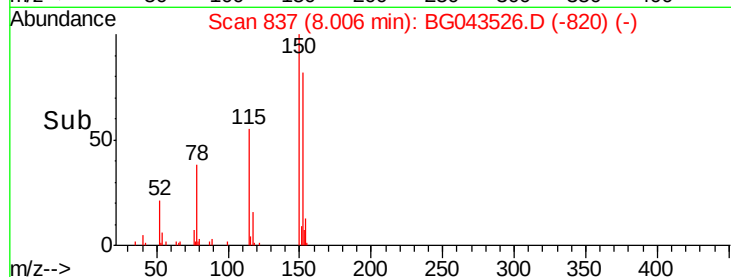
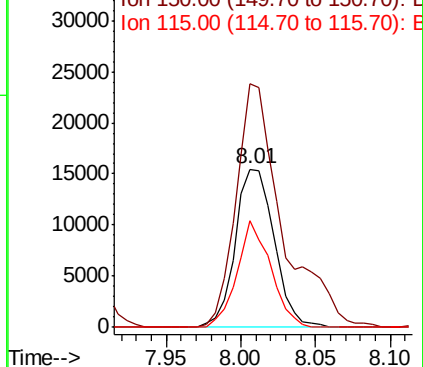
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG043526.D
Acq: 6 Nov 2019 18:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 27984
Ion Ratio Lower Upper
152 100
150 154.1 129.4 194.0
115 67.2 48.8 73.2



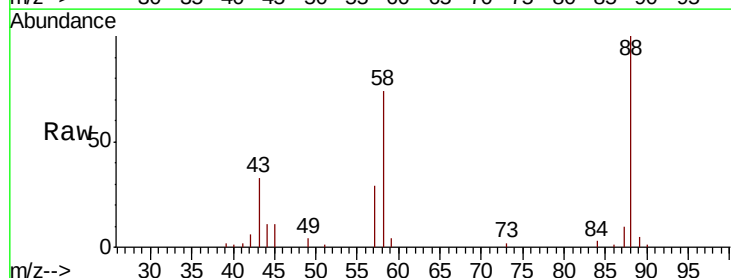
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



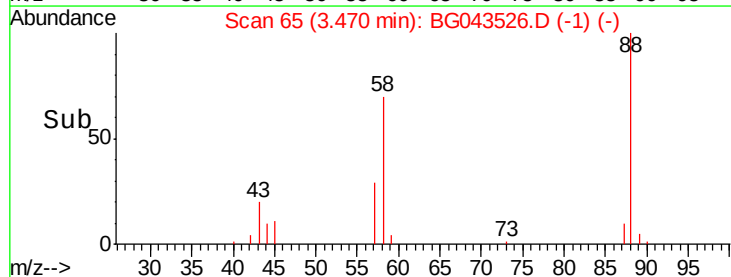
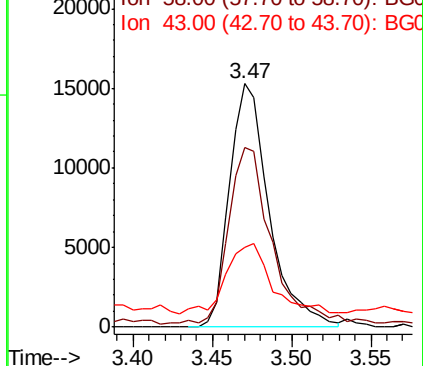
#2

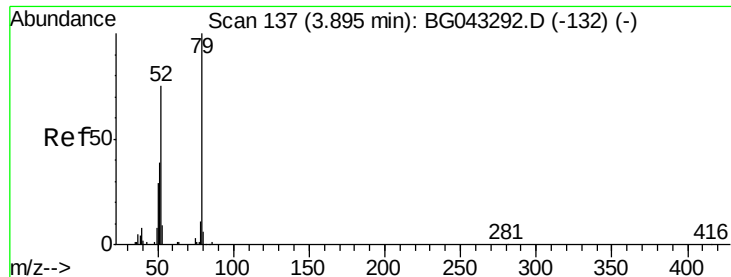
1,4-Dioxane
Concen: 44.558 ng
RT: 3.47 min Scan# 65
Delta R.T. -0.00 min
Lab File: BG043526.D
Acq: 6 Nov 2019 18:52

Tgt Ion: 88 Resp: 26517
Ion Ratio Lower Upper
88 100
58 77.6 62.7 94.1
43 33.6 23.7 35.5



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 41.495 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG043526.D

Acq: 6 Nov 2019 18:52

Instrument :

BNA_G

ClientSampleId :

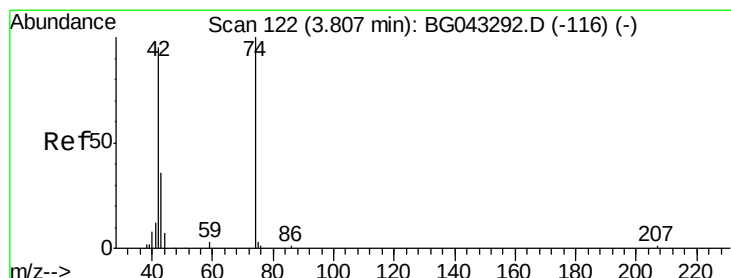
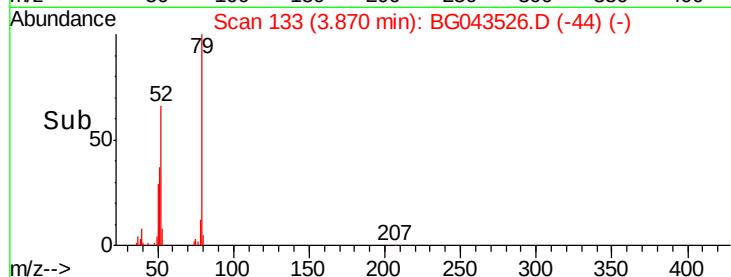
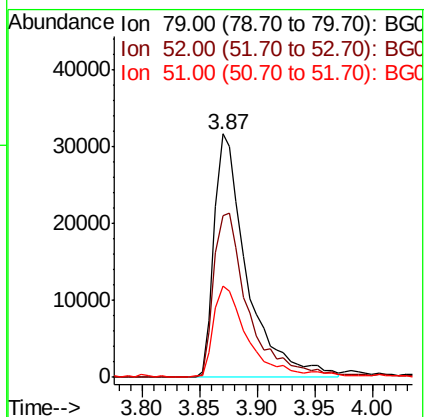
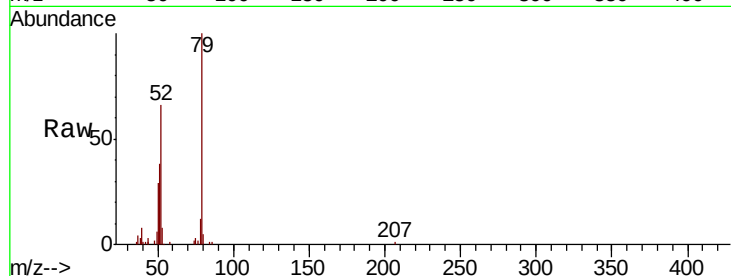
Tot Ion: 79 Resp: 62293

Ion Ratio Lower Upper

79 100

52 66.3 56.5 84.7

51 37.5 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 46.208 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.00 min

Lab File: BG043526.D

Acq: 6 Nov 2019 18:52

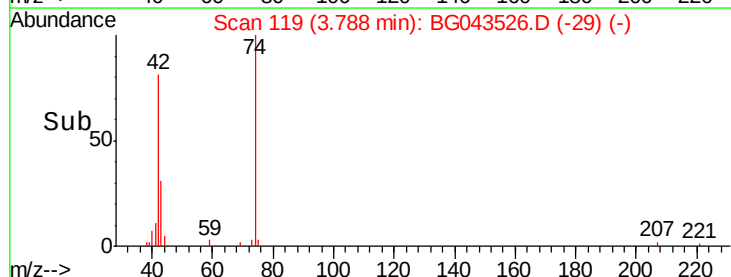
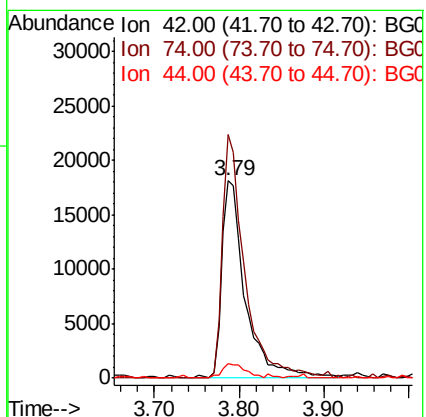
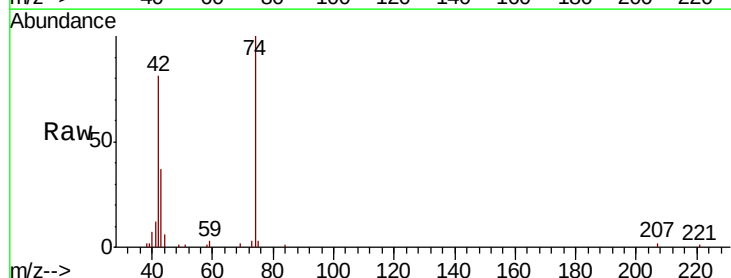
Tgt Ion: 42 Resp: 35003

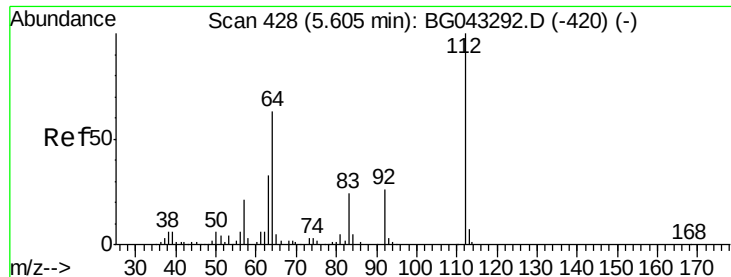
Ion Ratio Lower Upper

42 100

74 123.6 97.3 145.9

44 7.7 4.4 6.6#





#5

2-Fluorophenol

Concen: 133.903 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.01 min

Lab File: BG043526.D

Acq: 6 Nov 2019 18:52

Instrument :

BNA_G

ClientSampled :

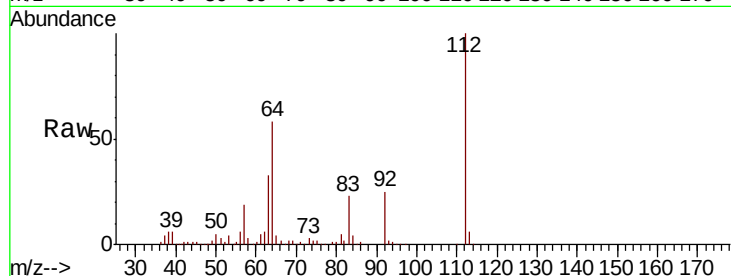
Tot Ion:112 Resp: 204488

Ion Ratio Lower Upper

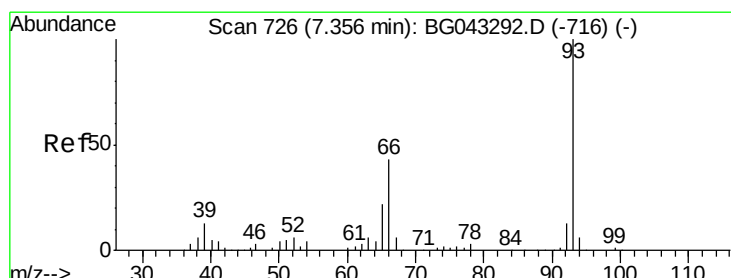
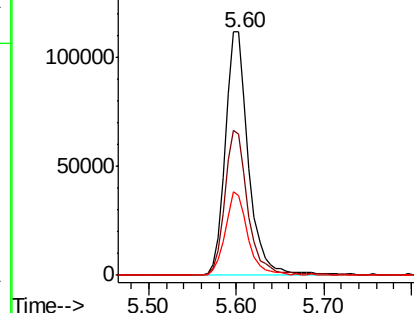
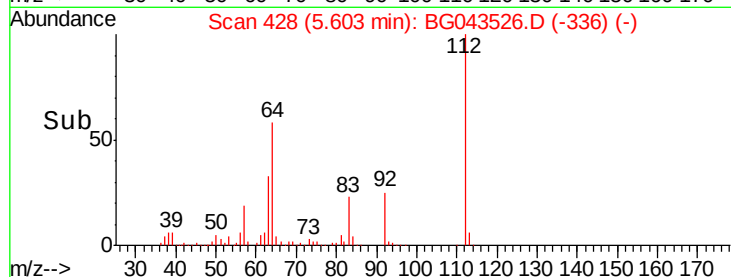
112 100

64 58.2 50.0 75.0

63 32.9 26.6 40.0



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: 31.187 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BG043526.D

Acq: 6 Nov 2019 18:52

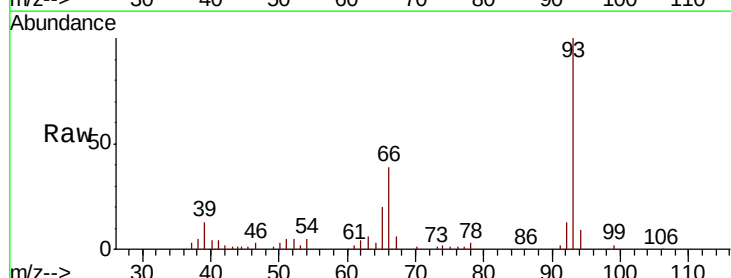
Tgt Ion: 93 Resp: 78936

Ion Ratio Lower Upper

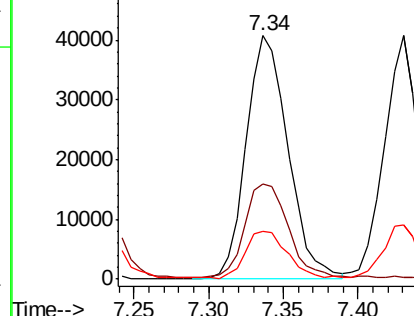
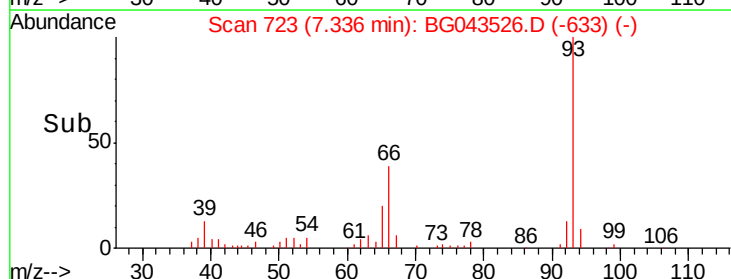
93 100

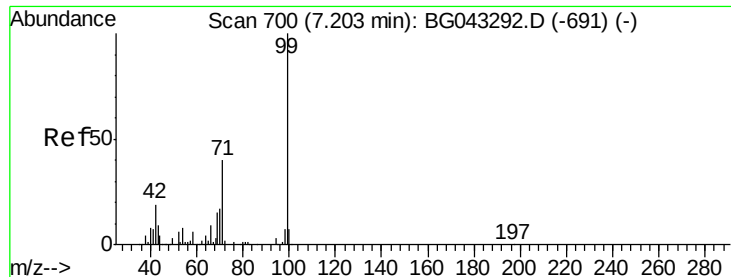
66 39.2 32.3 48.5

65 19.7 16.1 24.1



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: 124.505 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043526.D

Acq: 6 Nov 2019 18:52

Instrument :

BNA_G

ClientSampleId :

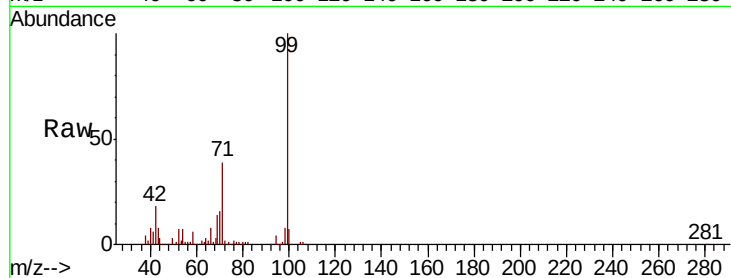
Tot Ion: 99 Resp: 273562

Ion Ratio Lower Upper

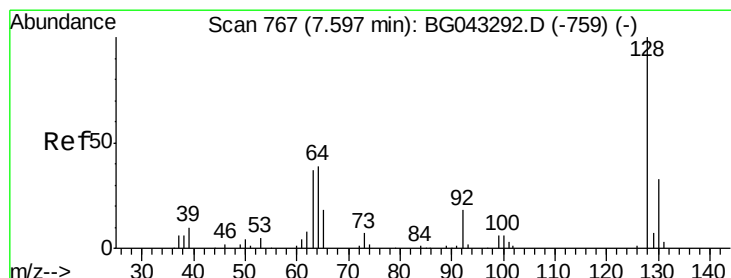
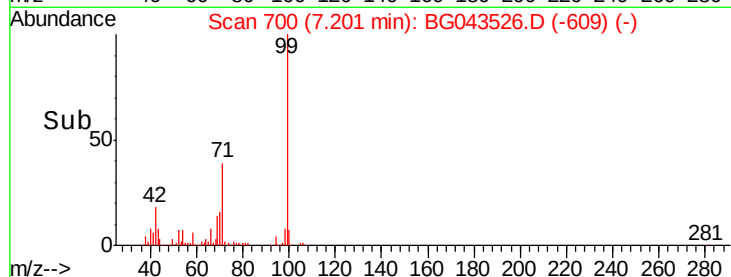
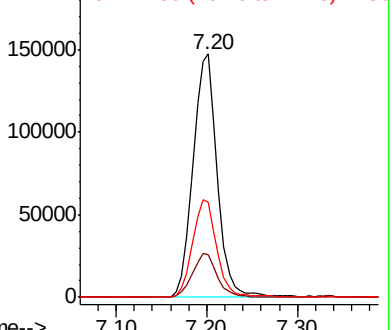
99 100

42 17.5 14.6 21.8

71 39.1 32.5 48.7



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: 48.496 ng

RT: 7.58 min Scan# 765

Delta R.T. -0.00 min

Lab File: BG043526.D

Acq: 6 Nov 2019 18:52

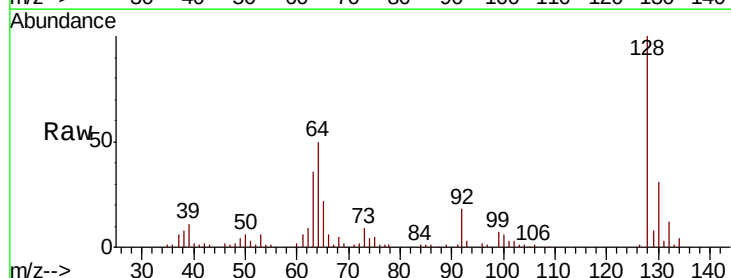
Tgt Ion: 128 Resp: 81753

Ion Ratio Lower Upper

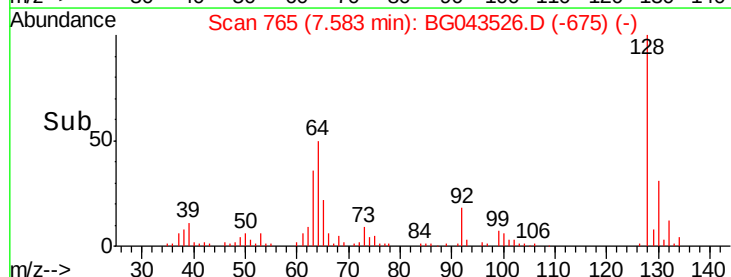
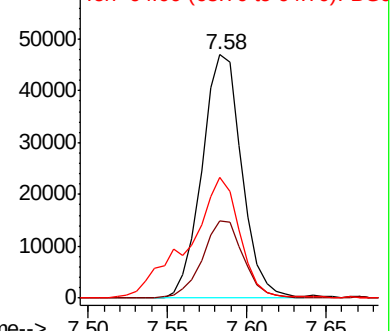
128 100

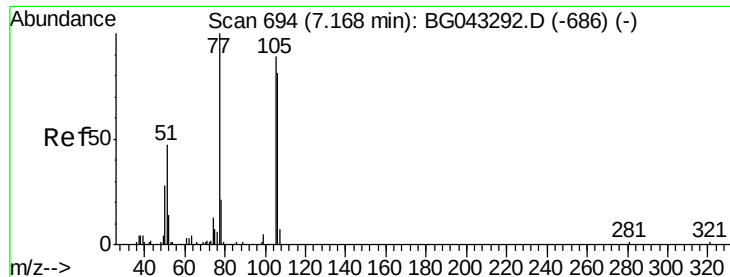
130 31.5 12.5 52.5

64 49.7 25.3 65.3



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





#9

Benzaldehyde

Concen: 40.836 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG043526.D

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ClientSampleId :

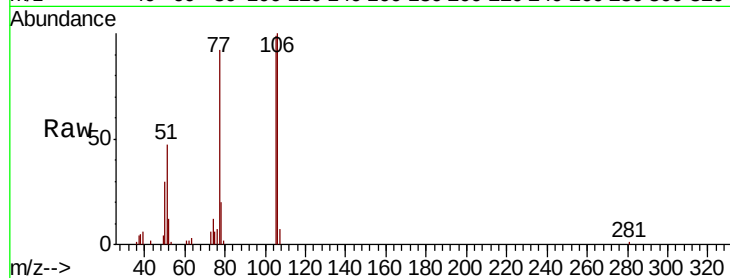
Tot Ion: 77 Resp: 44094

Ion Ratio Lower Upper

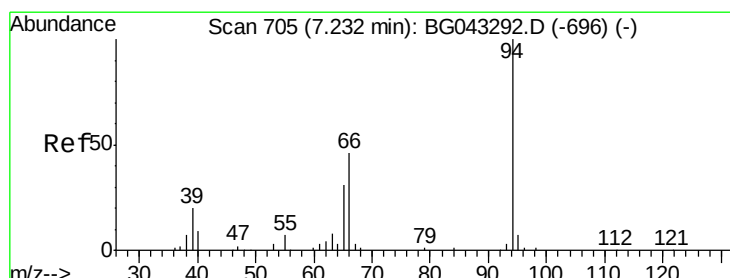
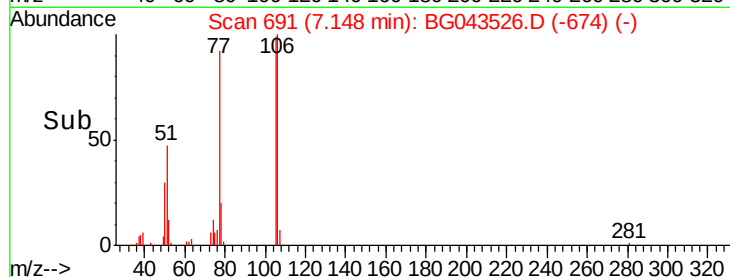
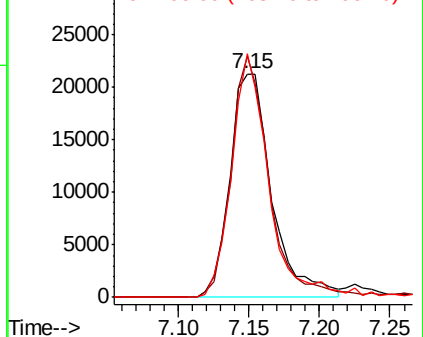
77 100

105 108.1 68.6 108.6

106 109.0 69.9 109.9



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



#10

Phenol

Concen: 48.126 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG043526.D

Acq: 6 Nov 2019 18:52

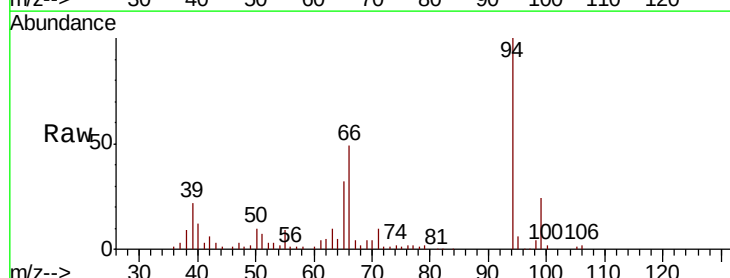
Tgt Ion: 94 Resp: 96627

Ion Ratio Lower Upper

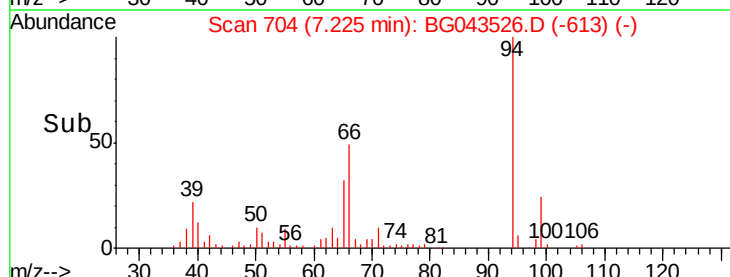
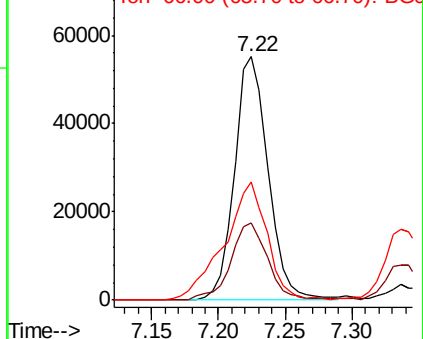
94 100

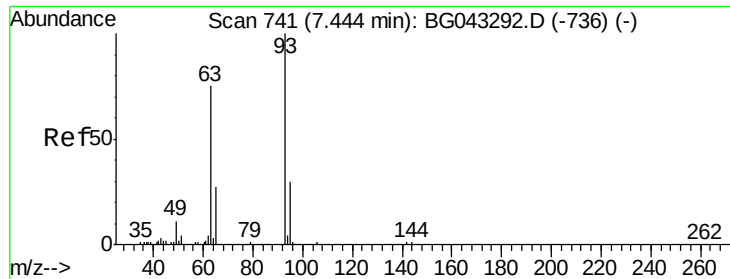
65 31.9 12.6 52.6

66 48.5 30.7 70.7



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

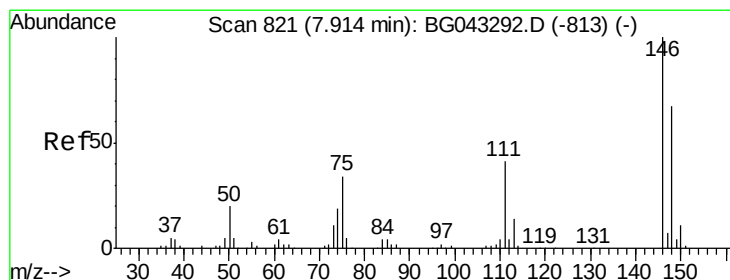
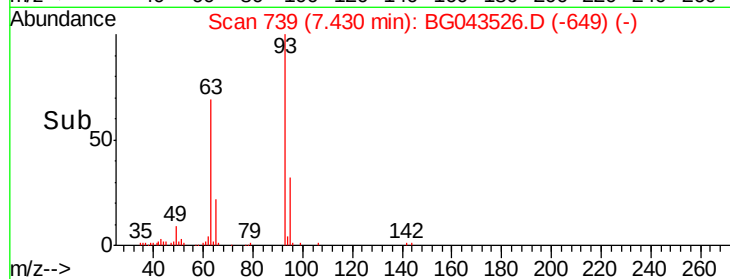
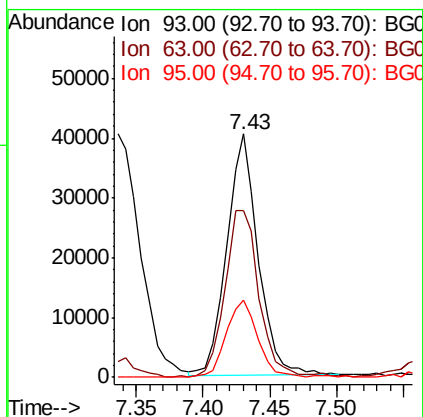
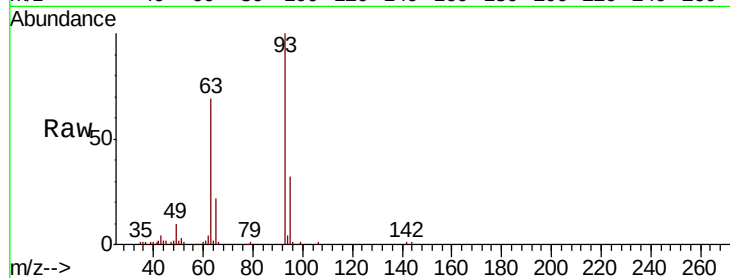




#11
 bis(2-Chloroethyl)ether
 Concen: 42.575 ng
 RT: 7.43 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BG043526.D
 Acq: 6 Nov 2019 18:52

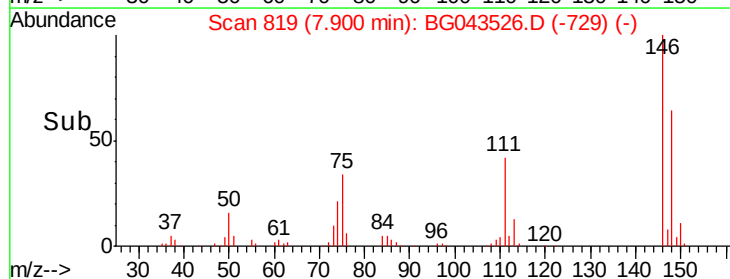
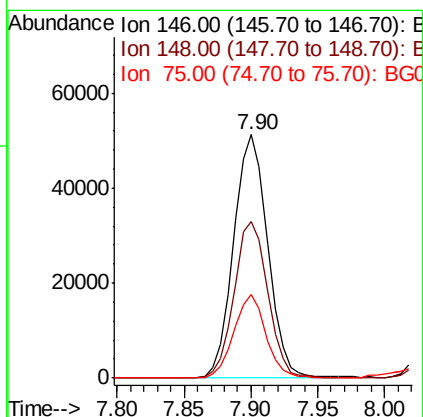
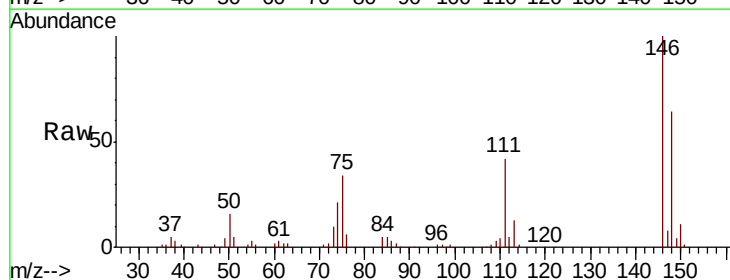
Instrument :
 BNA_G
 ClientSampleId :

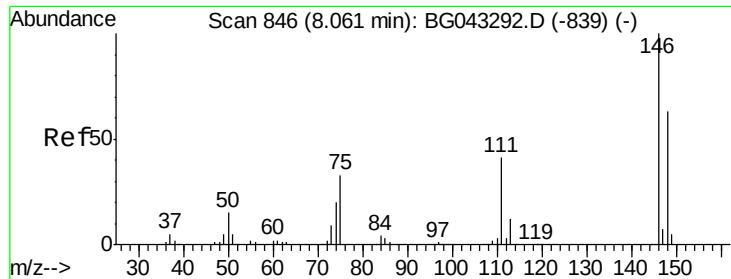
Tot Ion: 93 Resp: 66089
 Ion Ratio Lower Upper
 93 100
 63 68.5 56.3 96.3
 95 31.5 12.2 52.2



#12
 1,3-Dichlorobenzene
 Concen: 42.999 ng
 RT: 7.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BG043526.D
 Acq: 6 Nov 2019 18:52

Tgt Ion: 146 Resp: 90820
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.3 75.5
 75 34.4 24.6 37.0

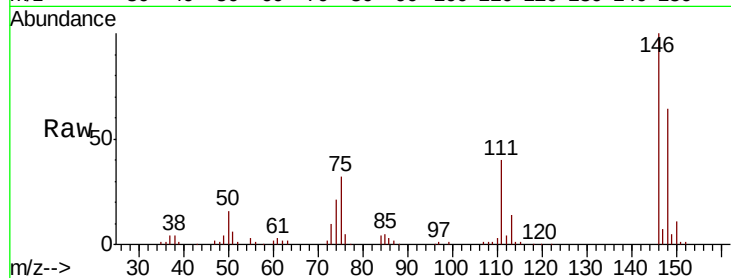




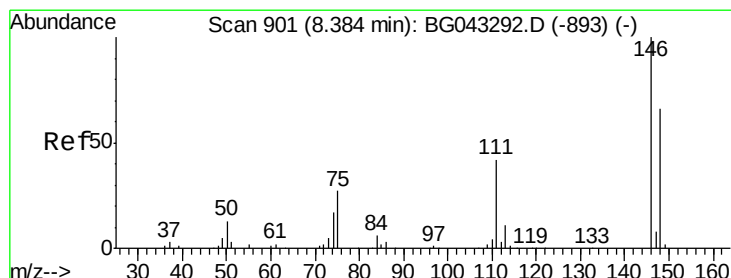
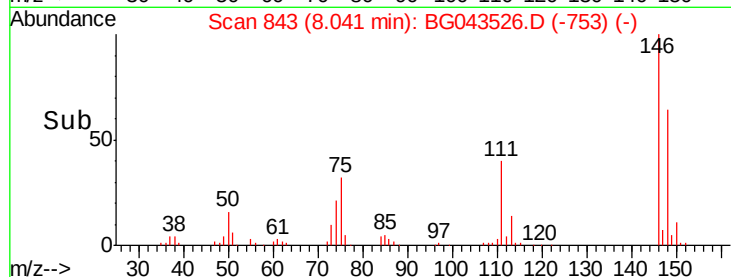
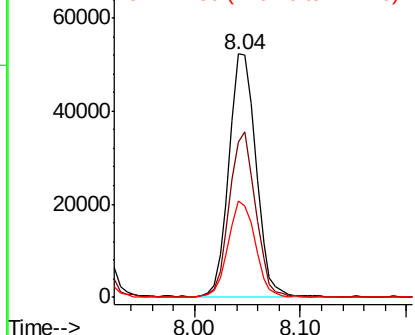
#13
 1,4-Dichlorobenzene
 Concen: 43.635 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BG043526.D
 Acq: 6 Nov 2019 18:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 93247
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.7 76.1
 111 39.5 33.4 50.2

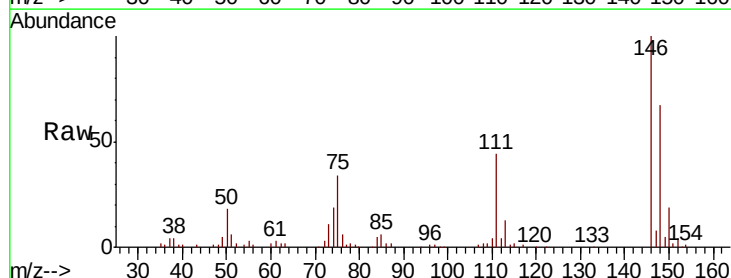


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

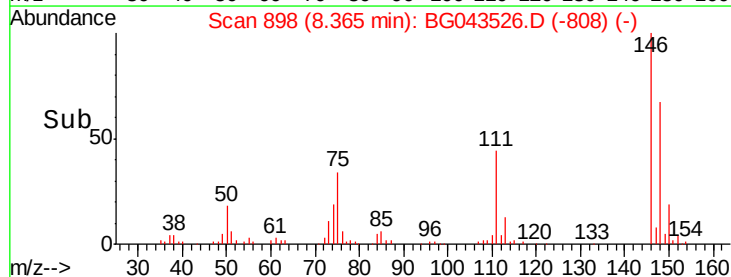
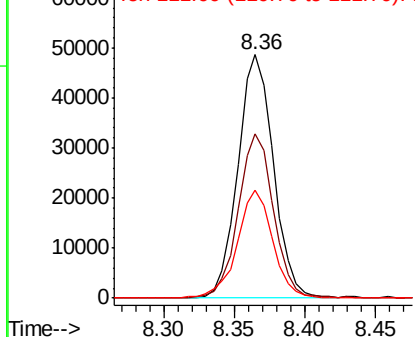


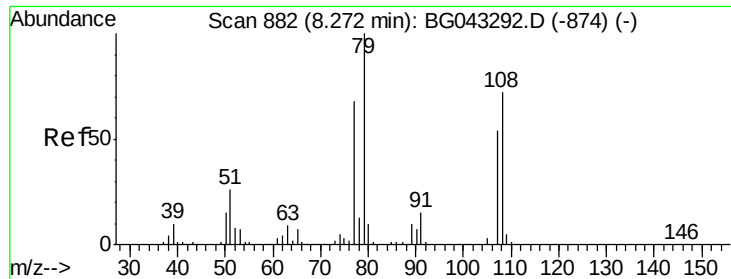
#14
 1,2-Dichlorobenzene
 Concen: 41.170 ng
 RT: 8.36 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BG043526.D
 Acq: 6 Nov 2019 18:52

Tgt Ion:146 Resp: 85902
 Ion Ratio Lower Upper
 146 100
 148 67.3 53.2 79.8
 111 44.3 35.8 53.6



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





#15

Benzyl Alcohol

Concen: 45.520 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG043526.D

Acq: 6 Nov 2019 18:52

Instrument :

BNA_G

ClientSampled :

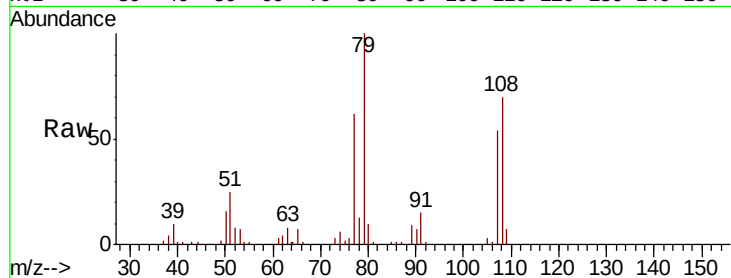
Tot Ion: 79 Resp: 70242

Ion Ratio Lower Upper

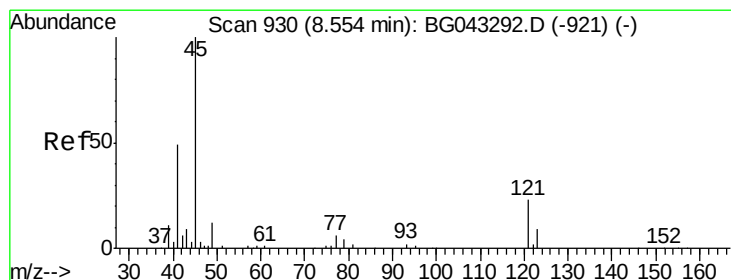
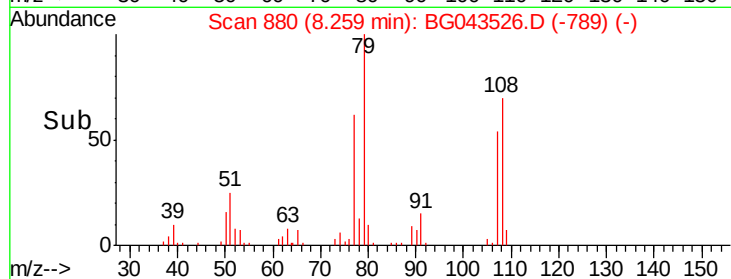
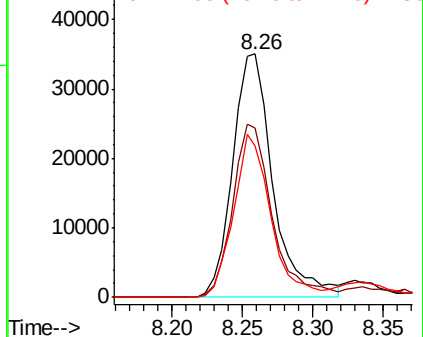
79 100

108 69.6 53.6 80.4

77 62.0 49.6 74.4



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.604 ng

RT: 8.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG043526.D

Acq: 6 Nov 2019 18:52

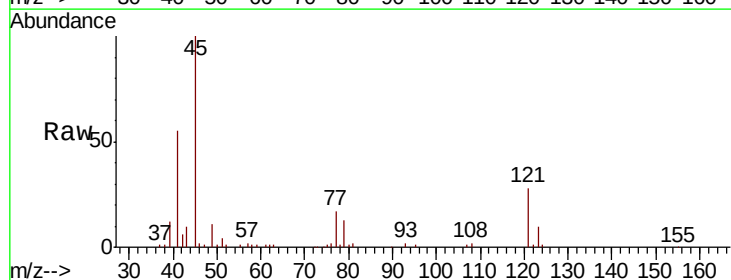
Tgt Ion: 45 Resp: 87136

Ion Ratio Lower Upper

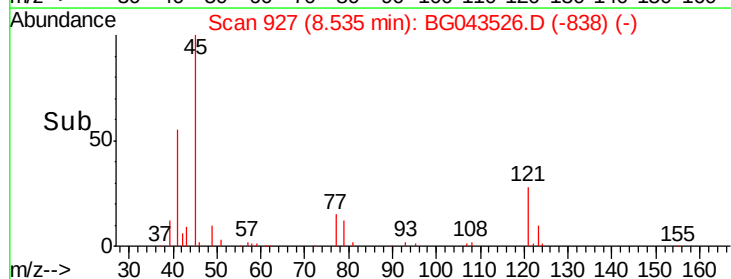
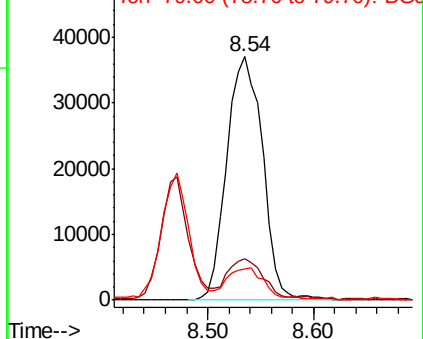
45 100

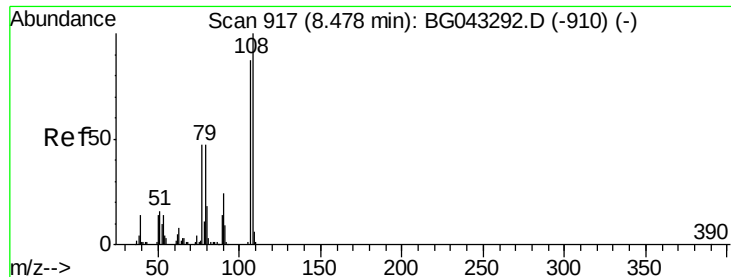
77 17.0 0.0 34.9

79 12.8 0.0 33.0



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





#17

2-Methylphenol

Concen: 46.001 ng

RT: 8.46 min Scan# 915

Delta R.T. -0.00 min

Lab File: BG043526.D

Acq: 6 Nov 2019 18:52

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 67331

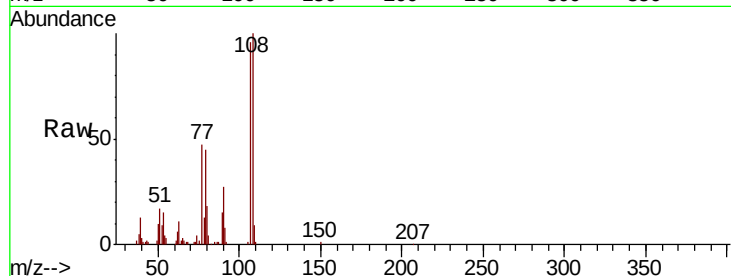
Ion Ratio Lower Upper

107 100

108 104.6 90.2 135.4

77 48.8 40.2 60.2

79 46.6 44.0 66.0

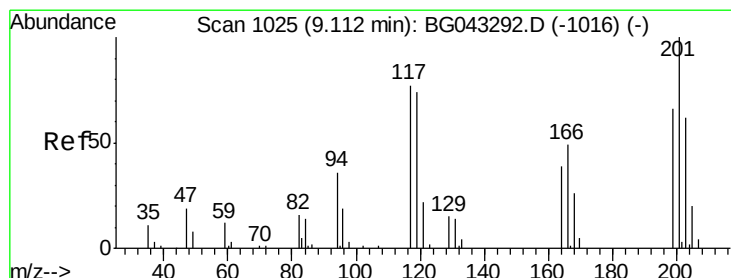
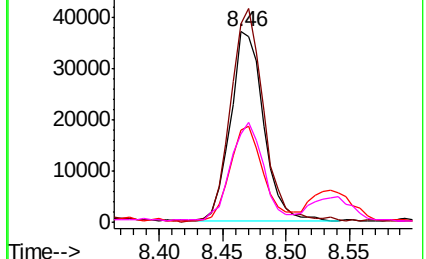
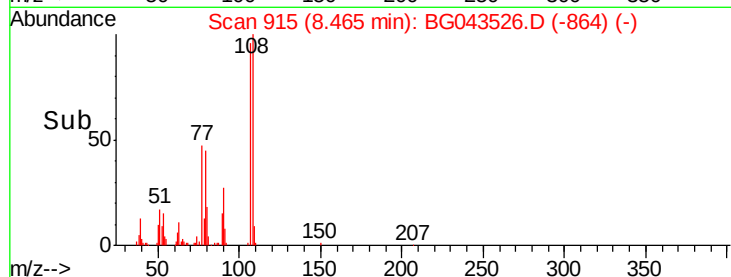


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.690 ng

RT: 9.09 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BG043526.D

Acq: 6 Nov 2019 18:52

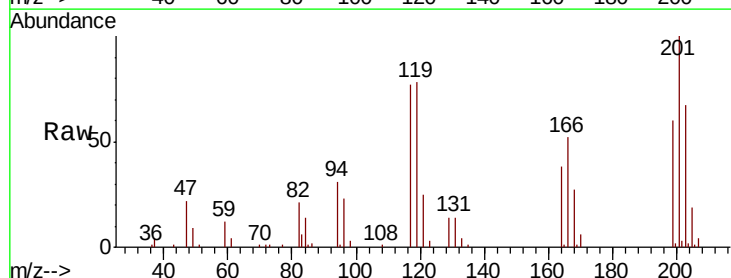
Tgt Ion:117 Resp: 33685

Ion Ratio Lower Upper

117 100

119 101.9 79.0 118.4

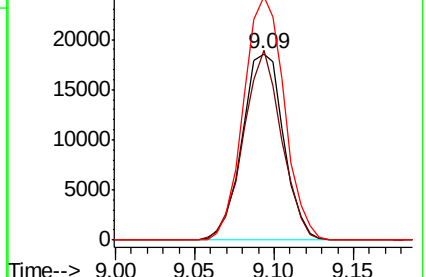
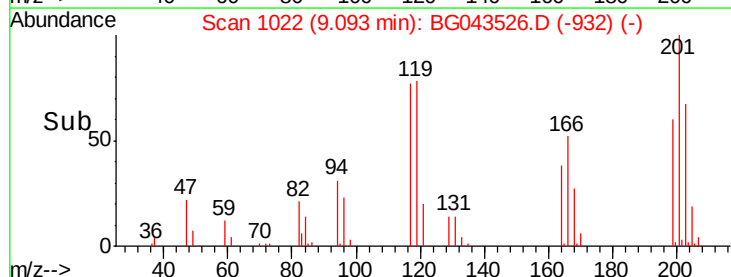
201 133.9 105.4 158.2

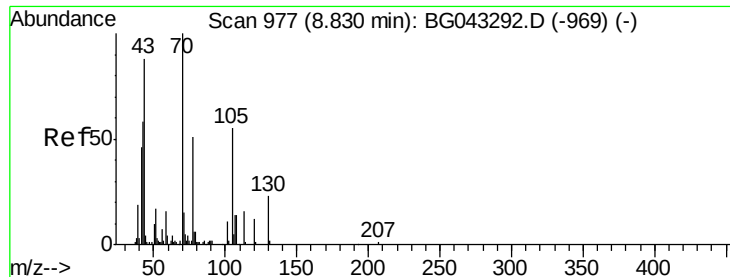


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

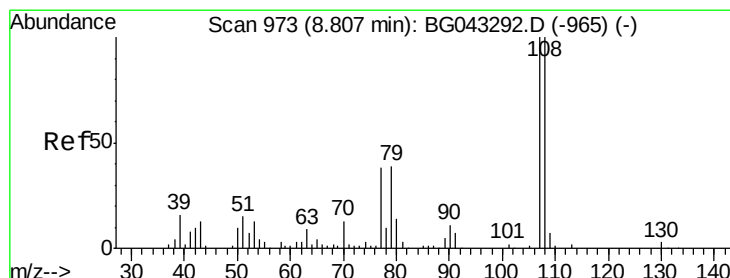
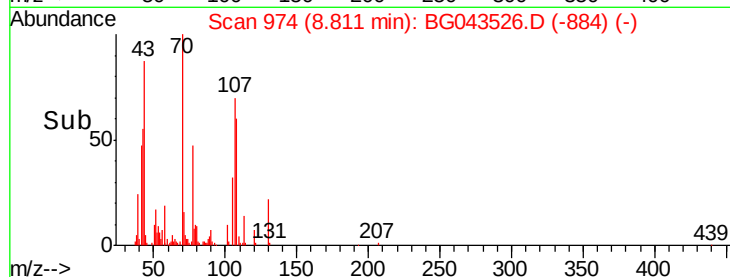
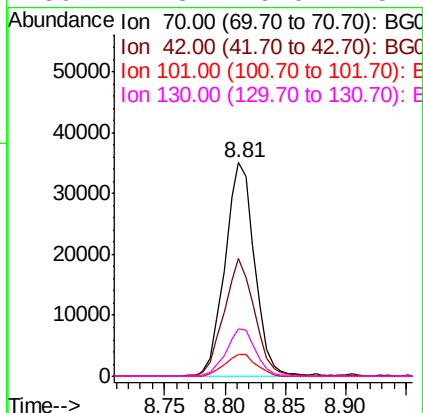
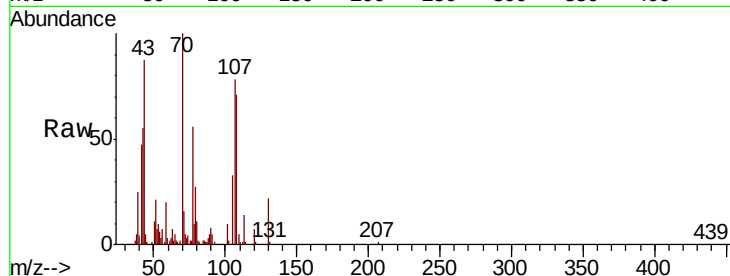




#19
n-Nitroso-di-n-propylamine
Concen: 42.080 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG043526.D
Acq: 6 Nov 2019 18:52

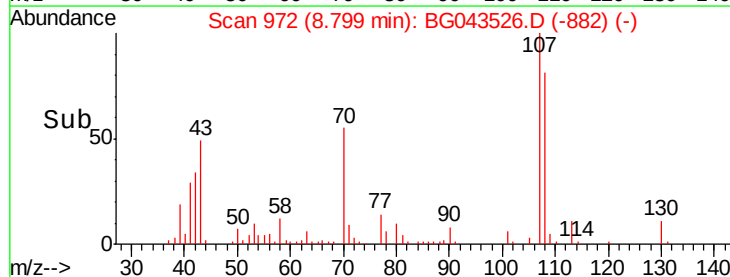
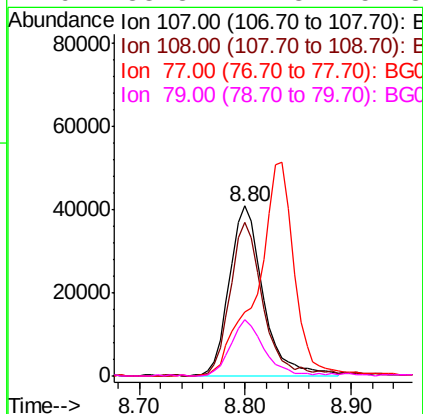
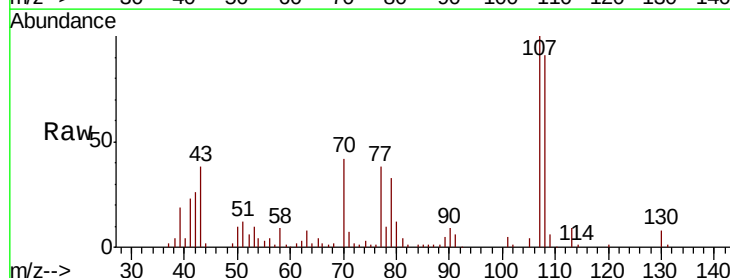
Instrument :
BNA_G
ClientSampleId :

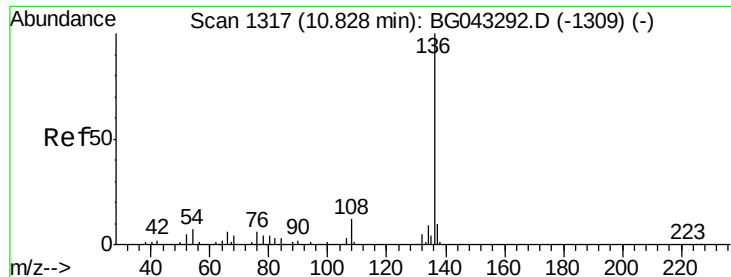
Tot Ion:	70	Resp:	59744
Ion	Ratio	Lower	Upper
70	100		
42	55.1	41.4	62.2
101	10.4	7.9	11.9
130	22.3	19.0	28.4



#20
3+4-Methylphenols
Concen: 45.176 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG043526.D
Acq: 6 Nov 2019 18:52

Tgt Ion:	107	Resp:	90671
Ion	Ratio	Lower	Upper
107	100		
108	90.6	66.6	106.6
77	37.7	20.9	60.9
79	33.3	11.3	51.3

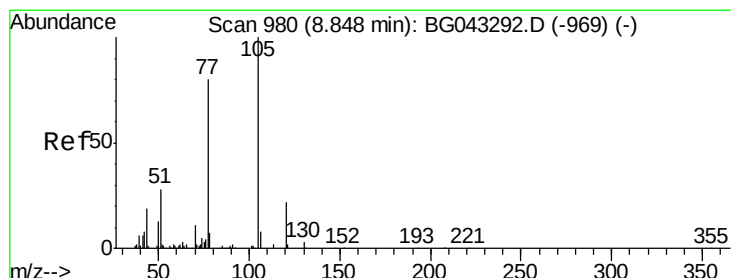
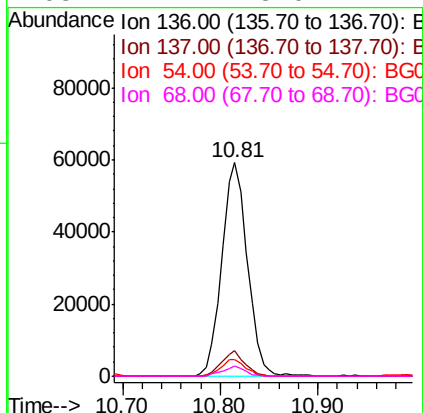
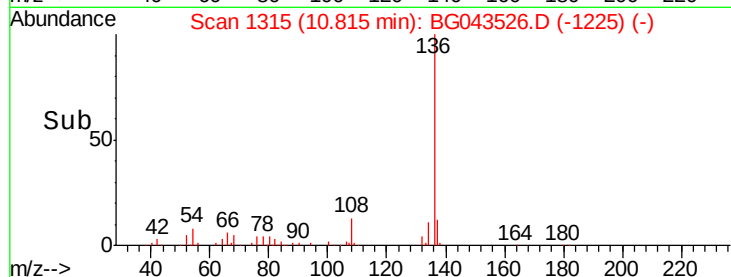
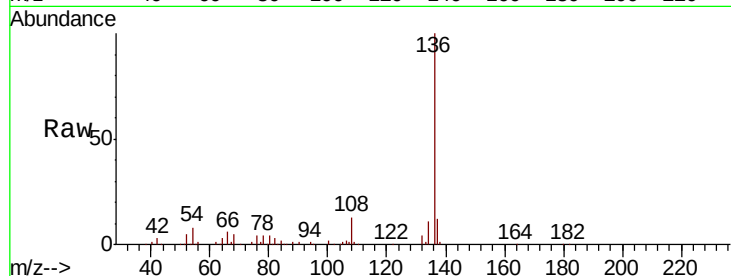




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043526.D
Acq: 6 Nov 2019 18:52

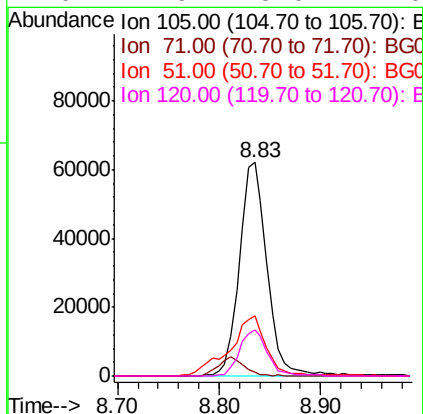
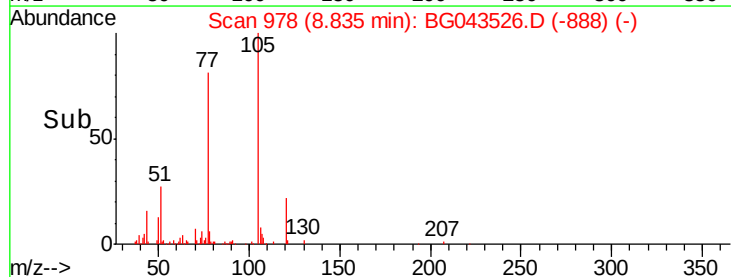
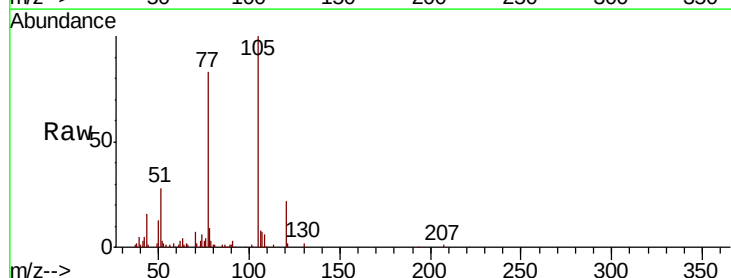
Instrument :
BNA_G
ClientSampleId :

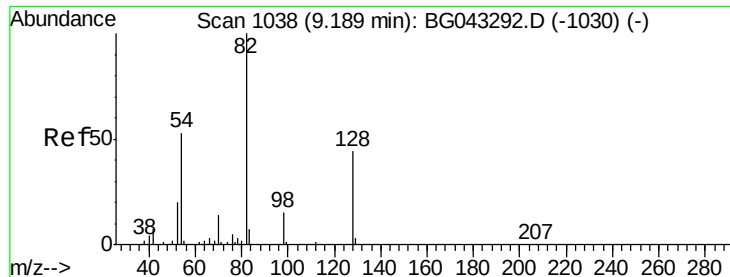
Tot Ion:136	Resp:	107996
Ion	Ratio	Lower Upper
136	100	
137	11.8	8.7 13.1
54	8.0	5.4 8.2
68	4.7	3.0 4.4



#22
Acetophenone
Concen: 42.224 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG043526.D
Acq: 6 Nov 2019 18:52

Tgt Ion:105	Resp:	116777
Ion	Ratio	Lower Upper
105	100	
71	1.7	0.8 1.2
51	28.2	21.0 31.4
120	21.9	18.0 27.0

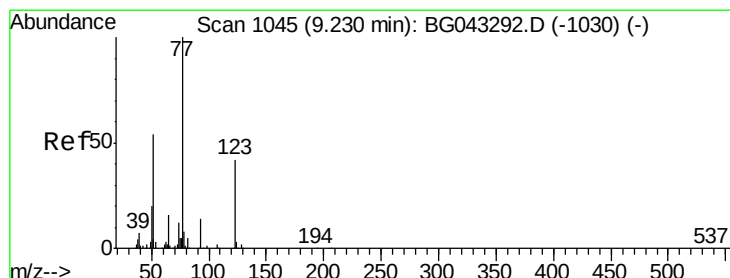
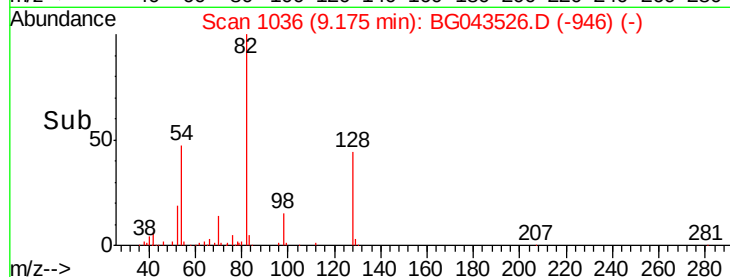
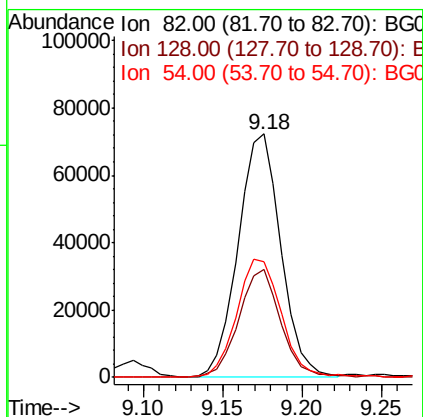
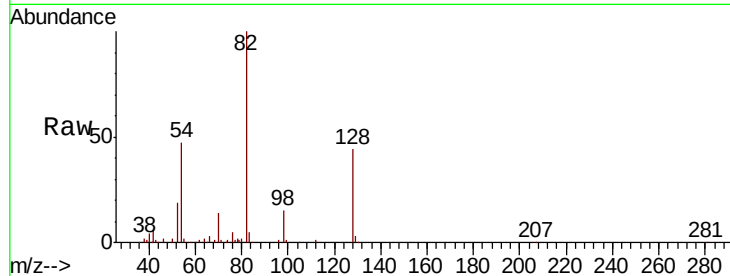




#23
 Nitrobenzene-d5
 Concen: 64.494 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG043526.D
 Acq: 6 Nov 2019 18:52

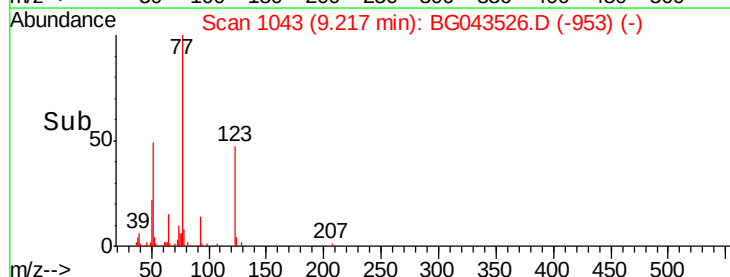
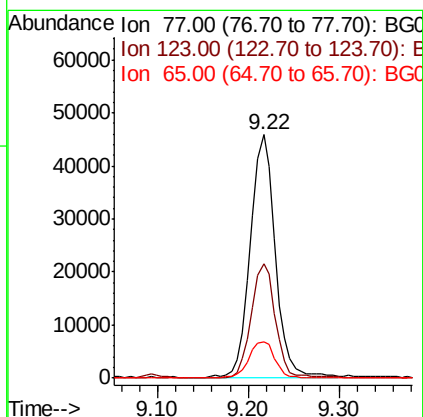
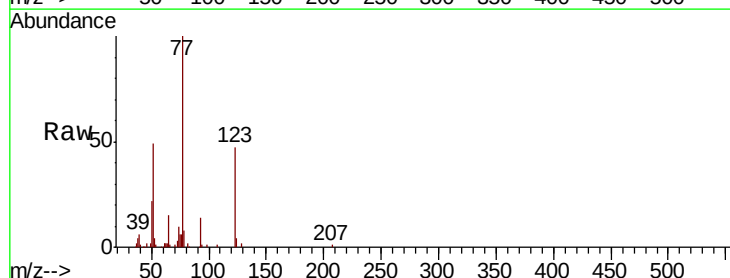
Instrument :
 BNA_G
 ClientSampled :

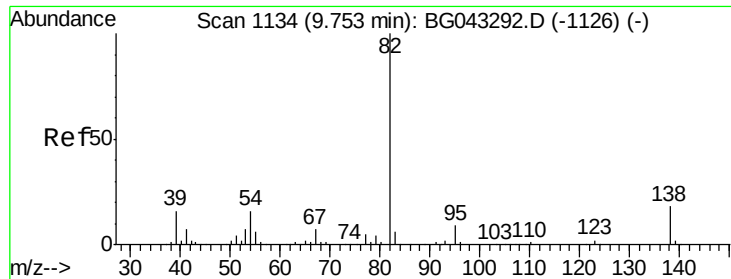
Tot Ion	82	Resp	135102
Ion Ratio	Lower	Upper	
82	100		
128	44.4	35.0	52.6
54	47.4	40.2	60.2



#24
 Nitrobenzene
 Concen: 44.153 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG043526.D
 Acq: 6 Nov 2019 18:52

Tgt Ion	77	Resp	88109
Ion Ratio	Lower	Upper	
77	100		
123	47.1	35.0	52.6
65	14.8	9.5	14.3#

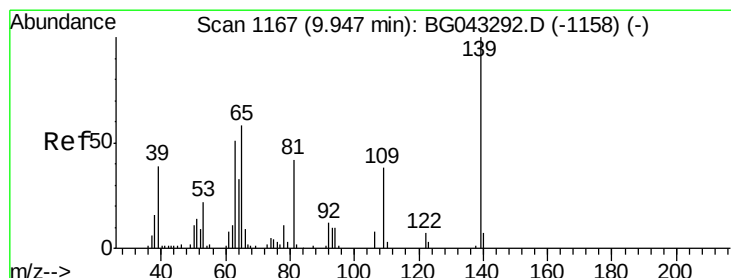
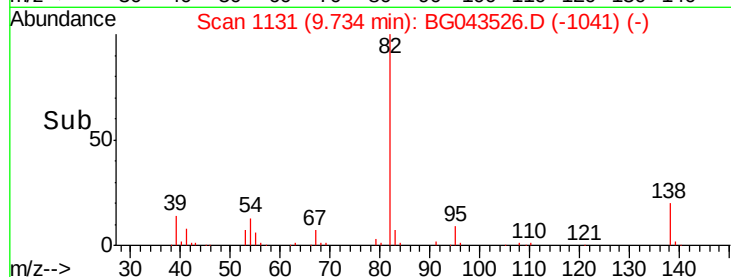
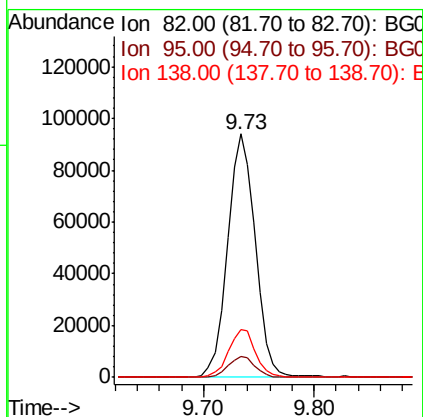
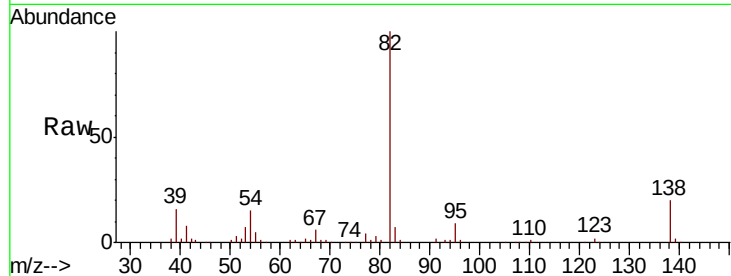




#25
Isophorone
Concen: 43.297 ng
RT: 9.73 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BG043526.D
Acq: 6 Nov 2019 18:52

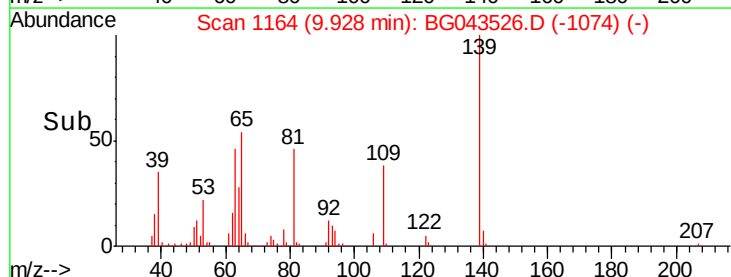
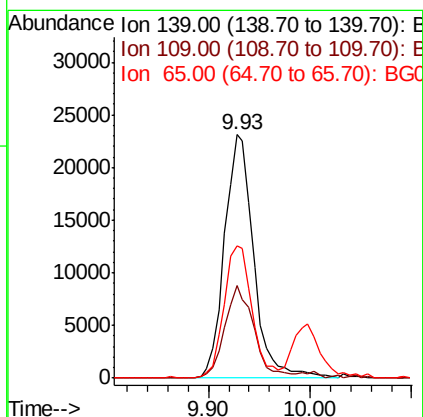
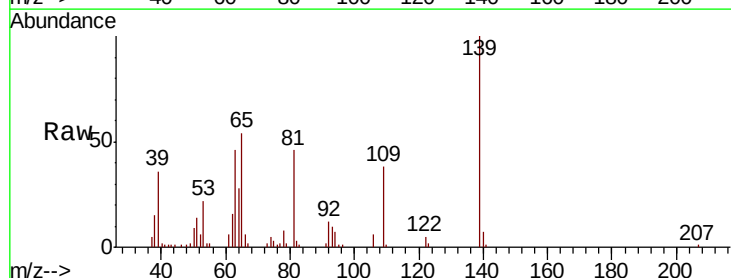
Instrument :
BNA_G
ClientSampleId :

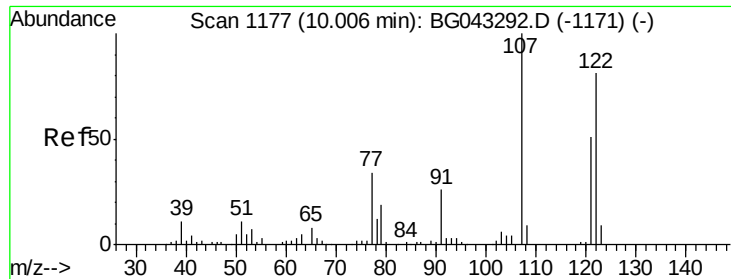
Tot Ion: 82 Resp: 165820
Ion Ratio Lower Upper
82 100
95 8.8 6.6 9.8
138 19.6 15.2 22.8



#26
2-Nitrophenol
Concen: 47.780 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BG043526.D
Acq: 6 Nov 2019 18:52

Tgt Ion: 139 Resp: 46031
Ion Ratio Lower Upper
139 100
109 38.0 26.5 39.7
65 54.1 43.8 65.8

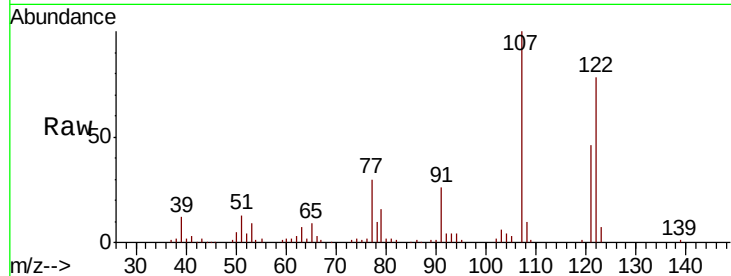




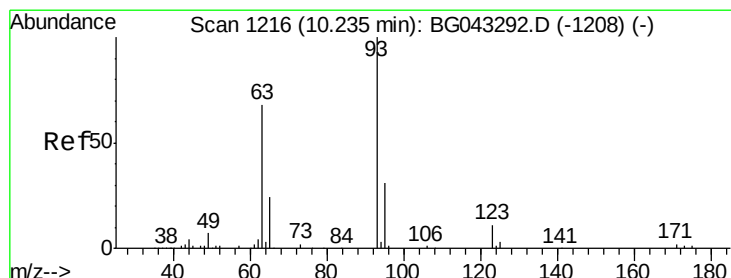
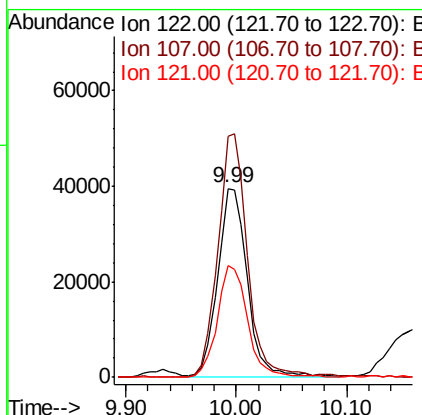
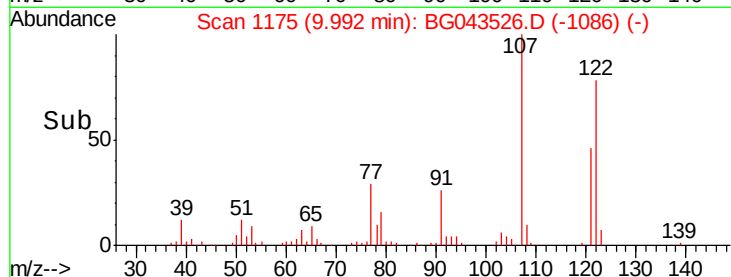
#27
 2,4-Dimethylphenol
 Concen: 52.456 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG043526.D
 Acq: 6 Nov 2019 18:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 72432
 Ion Ratio Lower Upper
 122 100
 107 127.6 104.4 156.6
 121 59.1 47.2 70.8

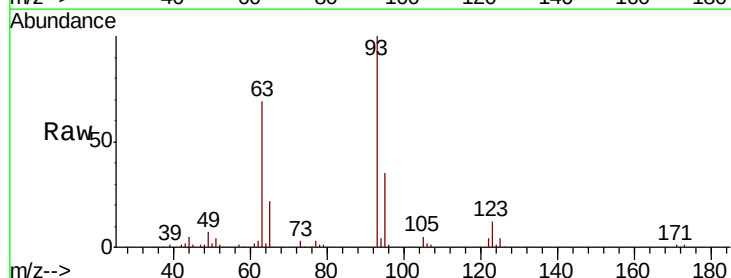


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

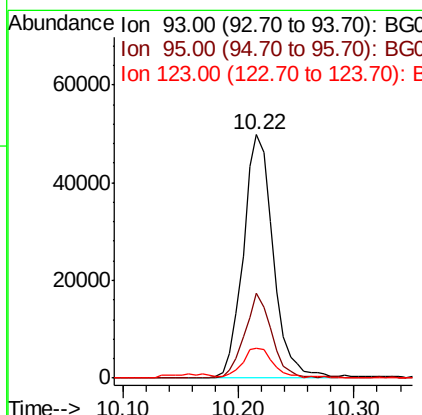
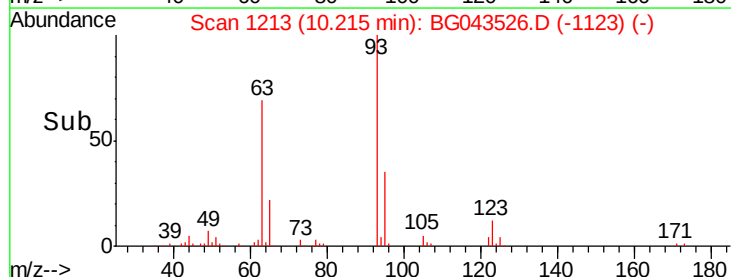


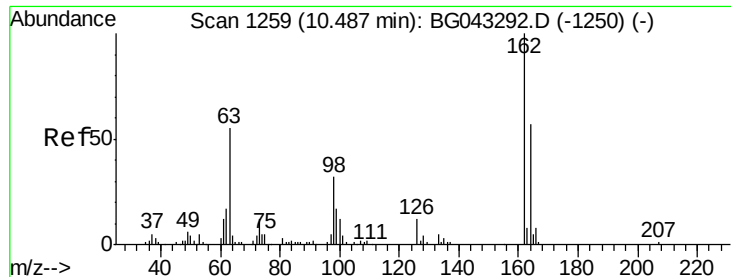
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.484 ng
 RT: 10.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BG043526.D
 Acq: 6 Nov 2019 18:52

Tgt Ion: 93 Resp: 89801
 Ion Ratio Lower Upper
 93 100
 95 34.8 26.0 39.0
 123 12.3 10.6 15.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

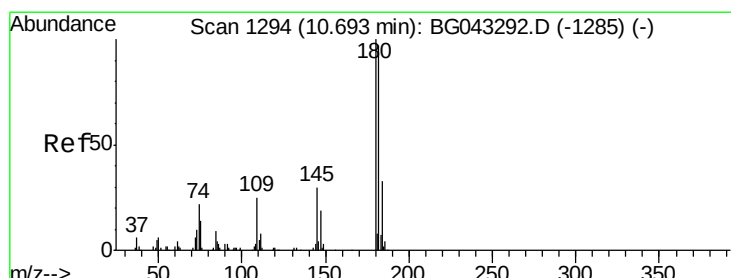
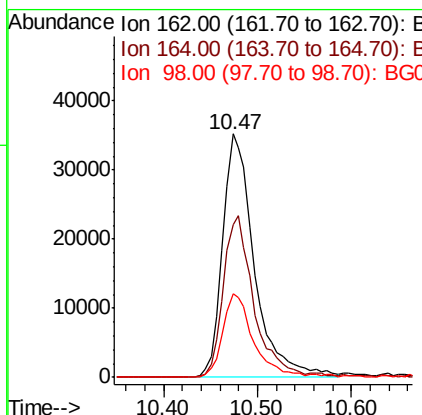
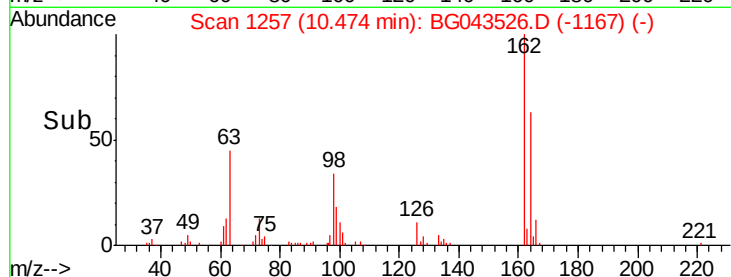
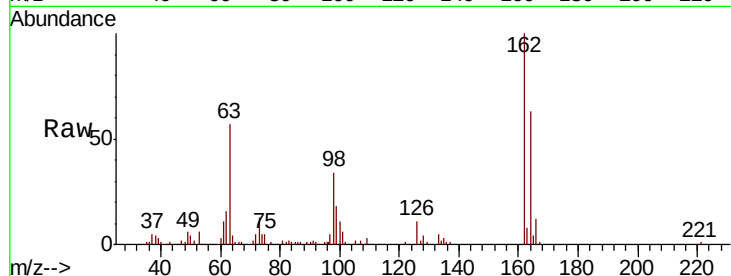




#29
2,4-Dichlorophenol
Concen: 46.798 ng
RT: 10.47 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BG043526.D
Acq: 6 Nov 2019 18:52

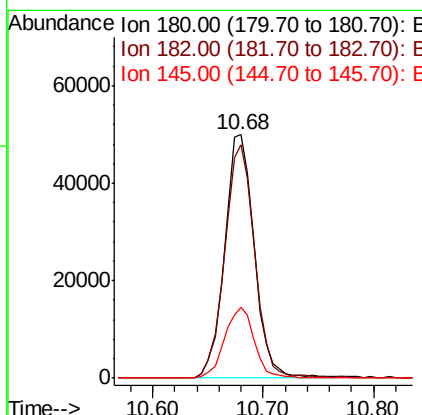
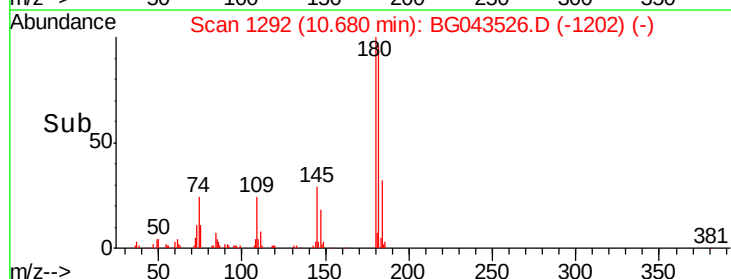
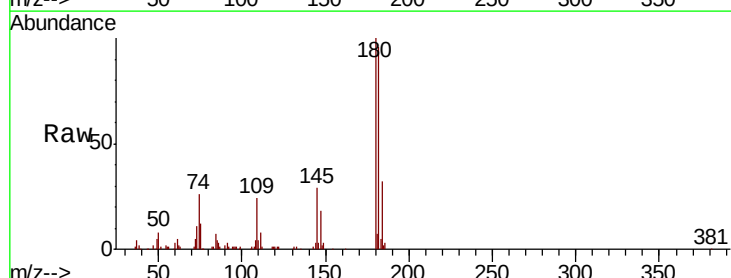
Instrument :
BNA_G
ClientSampleId :

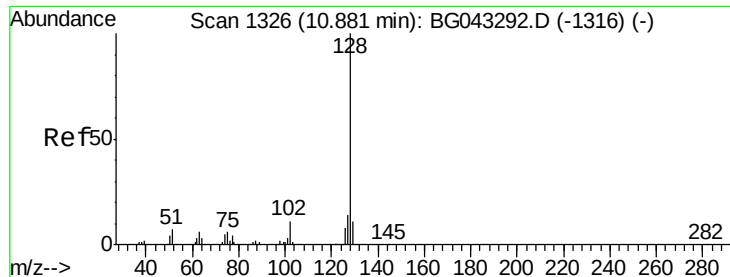
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	48.9	88.9
98	34.2	15.1	55.1



#30
1,2,4-Trichlorobenzene
Concen: 42.089 ng
RT: 10.68 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG043526.D
Acq: 6 Nov 2019 18:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	75.1	112.7
145	29.3	23.9	35.9

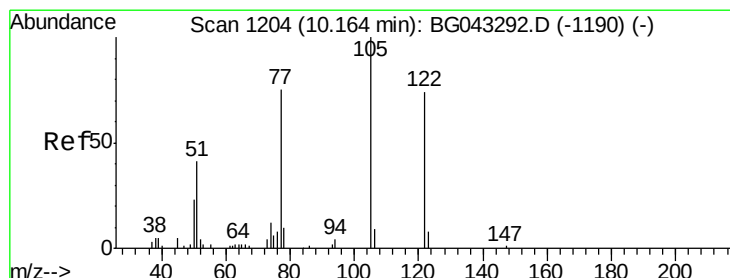
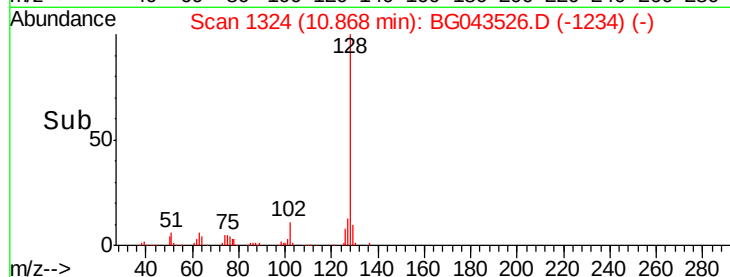
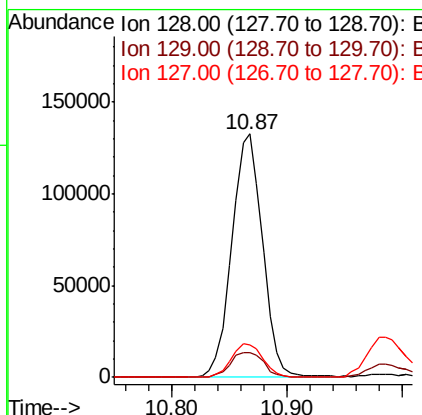
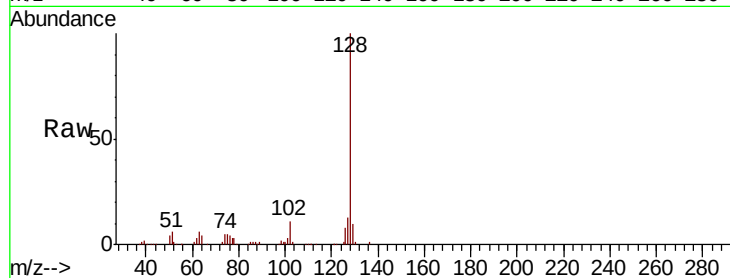




#31
Naphthalene
Concen: 44.651 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG043526.D
Acq: 6 Nov 2019 18:52

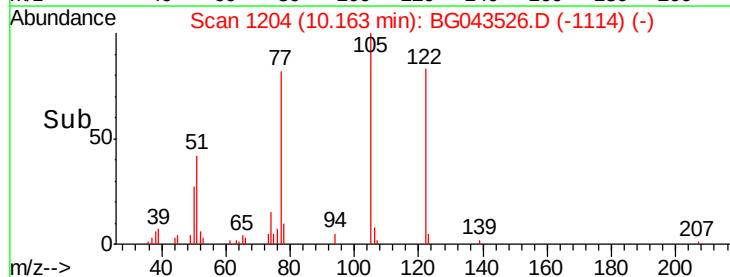
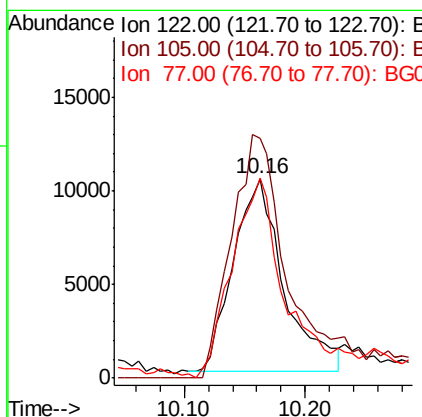
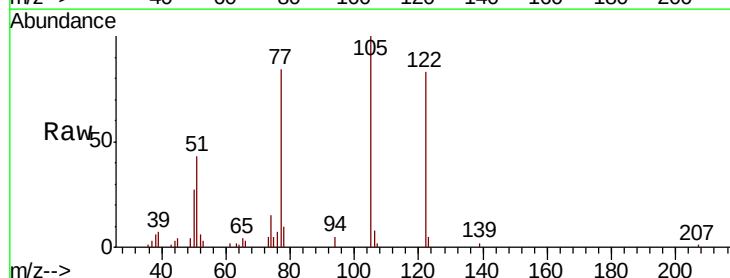
Instrument :
BNA_G
ClientSampleId :

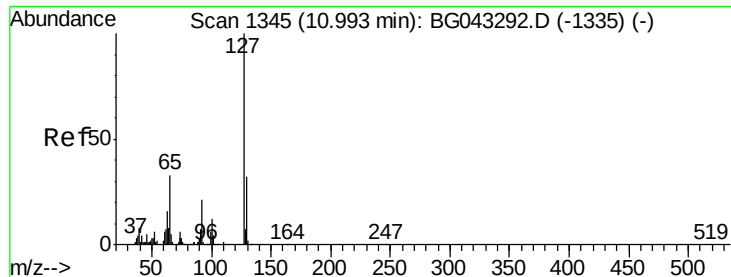
Tot Ion:128 Resp: 244771
Ion Ratio Lower Upper
128 100
129 10.4 9.4 14.0
127 13.3 11.1 16.7



#32
Benzoic acid
Concen: 31.976 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BG043526.D
Acq: 6 Nov 2019 18:52

Tgt Ion:122 Resp: 29789
Ion Ratio Lower Upper
122 100
105 120.4 103.3 143.3
77 100.7 84.9 124.9

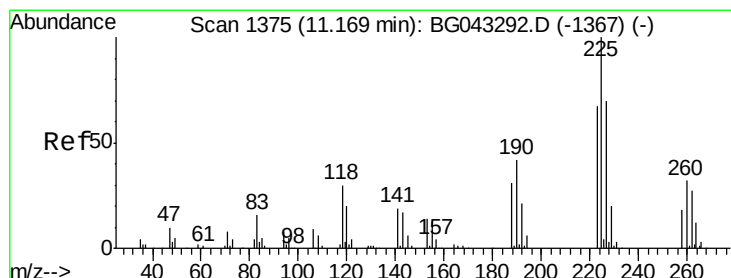
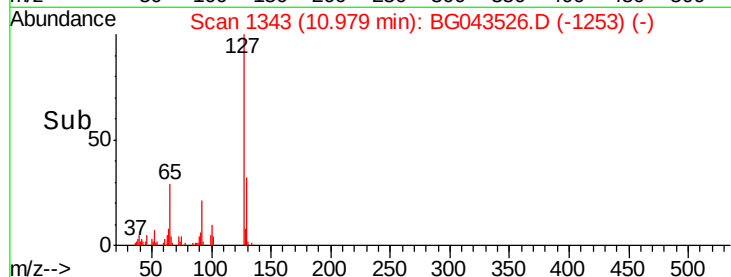
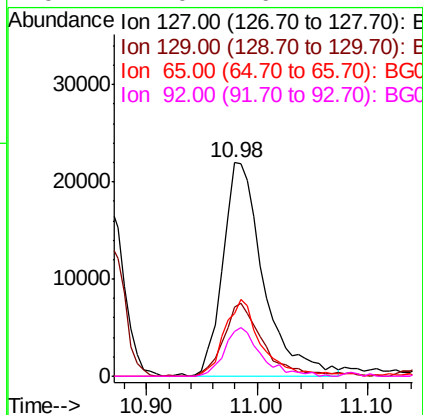
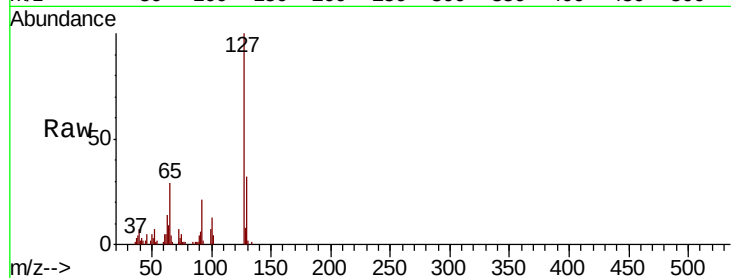




#33
4-Chloroaniline
Concen: 25.185 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG043526.D
Acq: 6 Nov 2019 18:52

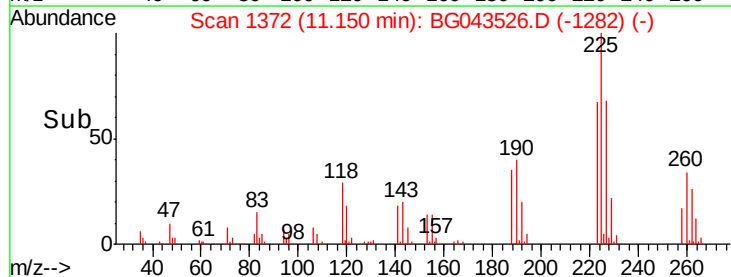
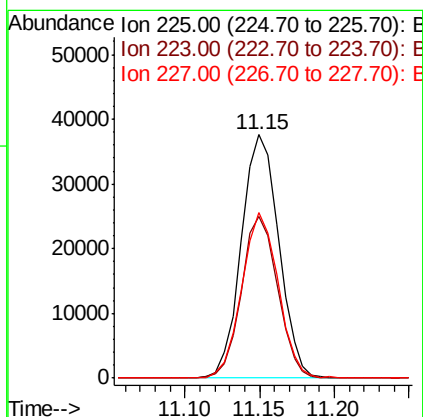
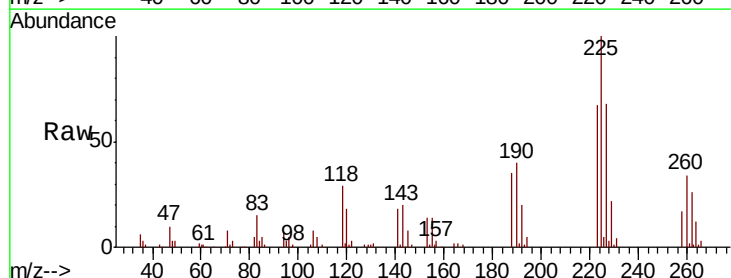
Instrument :
BNA_G
ClientSampleId :

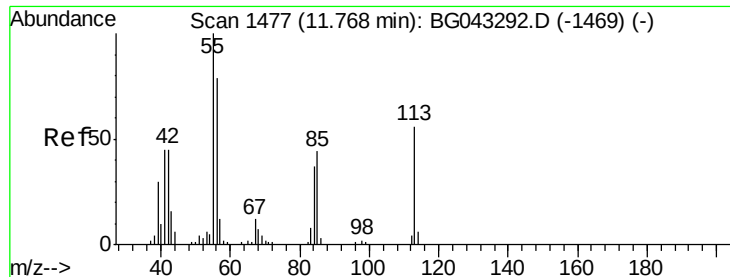
Tot Ion:	127	Resp:	56593
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.5	39.7
65	29.5	26.4	39.6
92	21.0	16.2	24.2



#34
Hexachlorobutadiene
Concen: 39.544 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG043526.D
Acq: 6 Nov 2019 18:52

Tgt Ion:	225	Resp:	65182
Ion	Ratio	Lower	Upper
225	100		
223	66.6	52.7	79.1
227	68.2	54.8	82.2

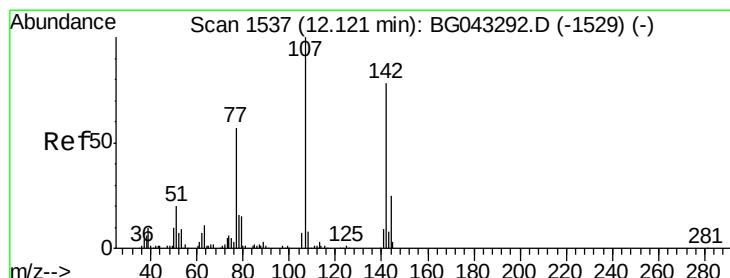
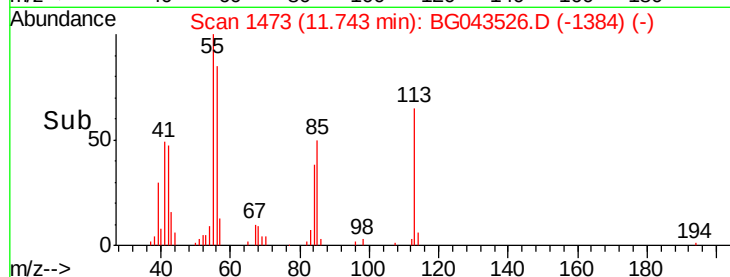
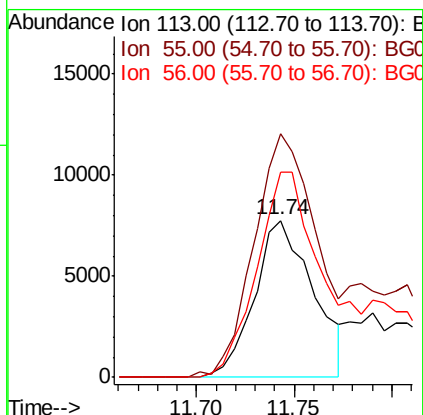
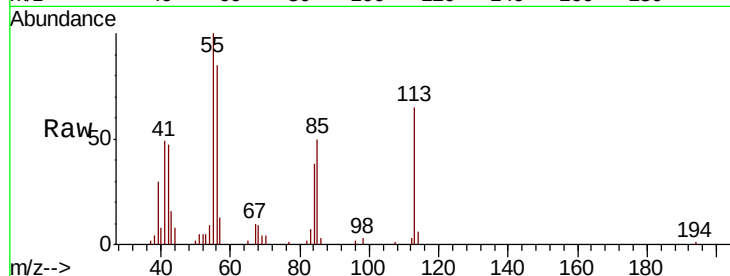




#35
 Caprolactam
 Concen: 26.515 ng
 RT: 11.74 min Scan# 1473
 Delta R.T. -0.01 min
 Lab File: BG043526.D
 Acq: 6 Nov 2019 18:52

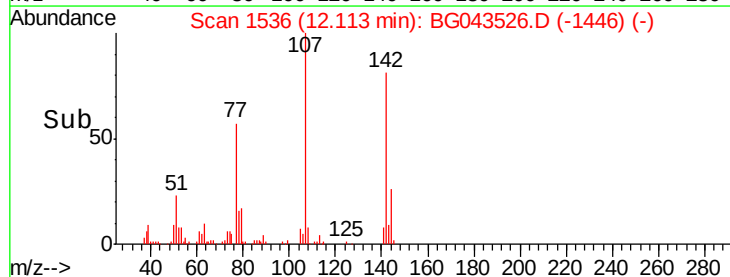
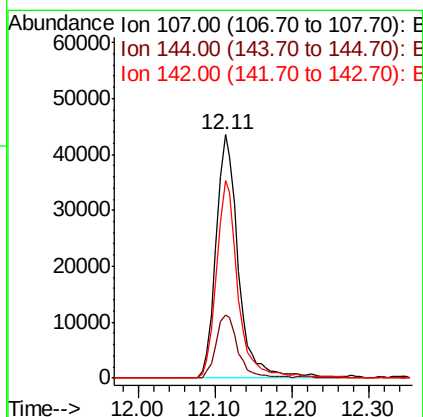
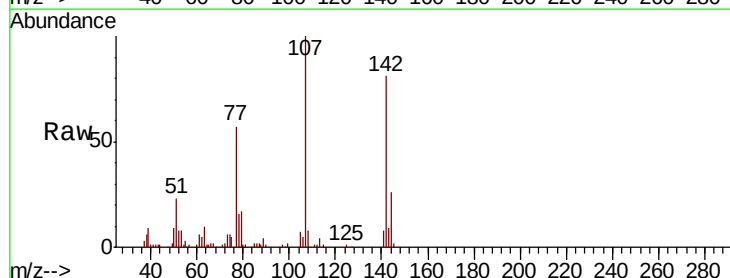
Instrument :
 BNA_G
 ClientSampleId :

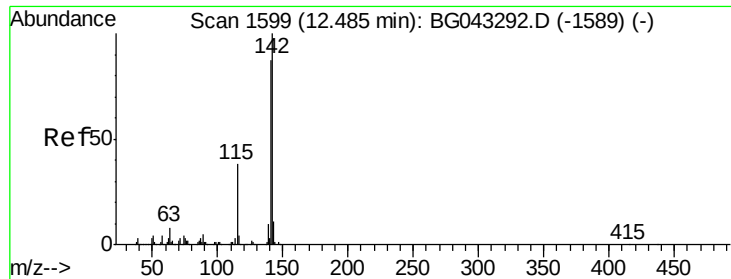
Tot Ion:113 Resp: 16156
 Ion Ratio Lower Upper
 113 100
 55 154.9 134.1 174.1
 56 130.9 100.4 140.4



#36
 4-Chloro-3-methylphenol
 Concen: 45.086 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: BG043526.D
 Acq: 6 Nov 2019 18:52

Tgt Ion:107 Resp: 87008
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.9 31.3
 142 81.1 59.6 89.4

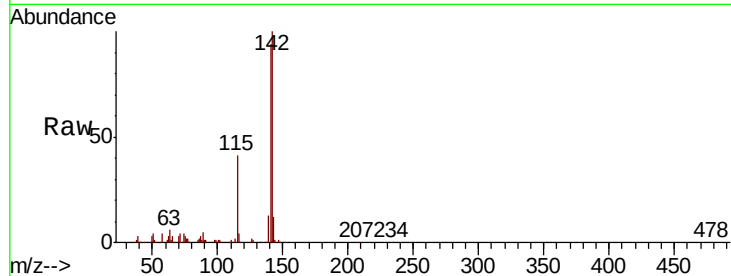




#37
 2-Methylnaphthalene
 Concen: 44.522 ng
 RT: 12.47 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BG043526.D
 Acq: 6 Nov 2019 18:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	94.0	72.2	108.2
115	40.6	33.2	49.8

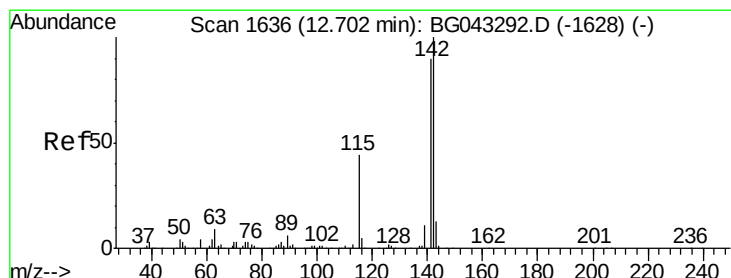
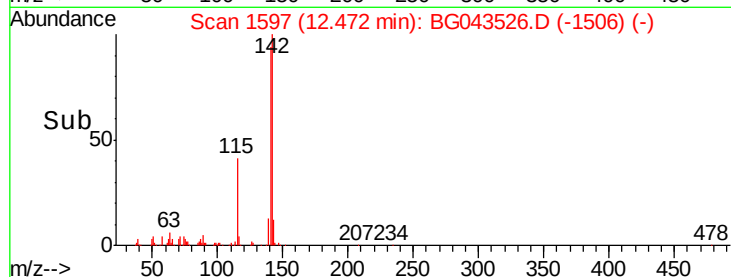
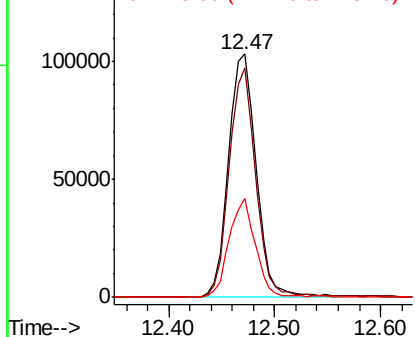


Abundance

Ion 142.00 (141.70 to 142.70): E

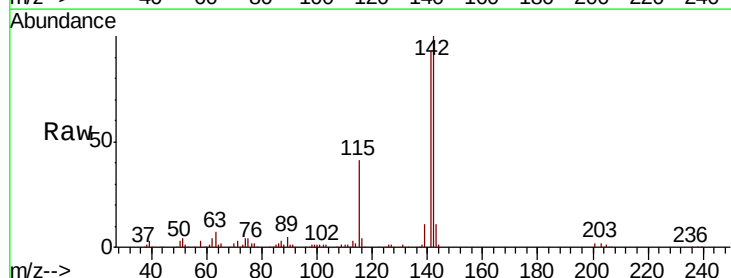
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 44.391 ng
 RT: 12.69 min Scan# 1634
 Delta R.T. -0.00 min
 Lab File: BG043526.D
 Acq: 6 Nov 2019 18:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.2	109.8
116	4.1	3.6	5.4

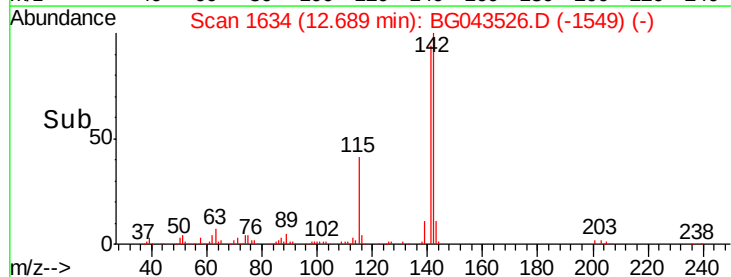
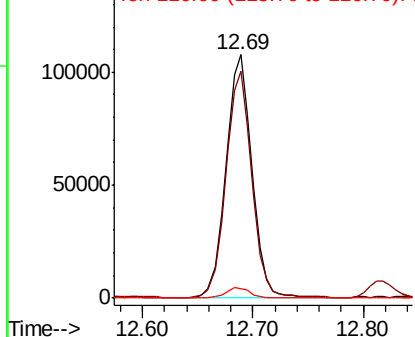


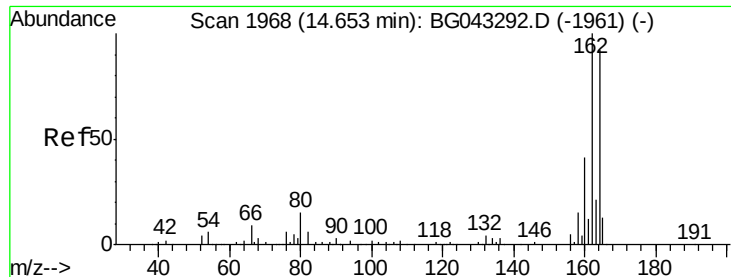
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG043526.D

Acq: 6 Nov 2019 18:52

Instrument :

BNA_G

ClientSampleId :

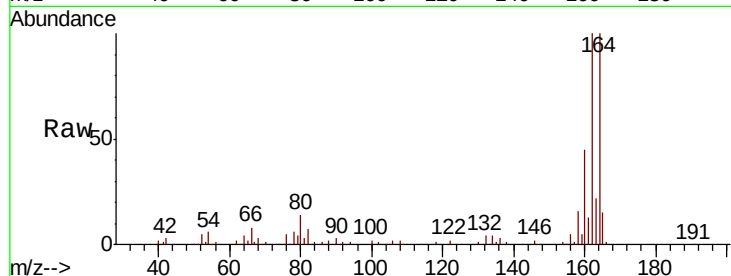
Tot Ion:164 Resp: 75287

Ion Ratio Lower Upper

164 100

162 100.3 83.5 125.3

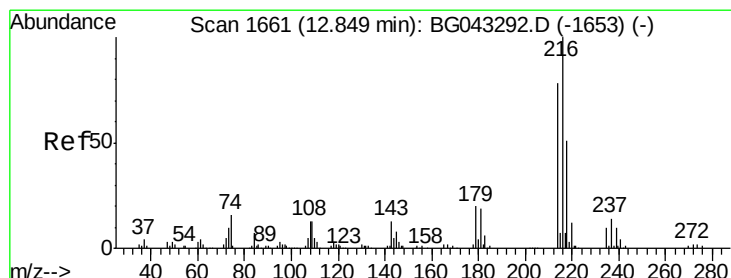
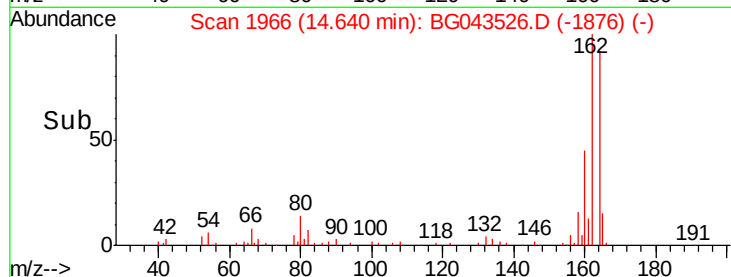
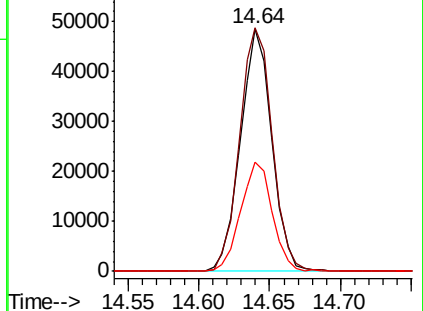
160 45.0 36.5 54.7



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: 42.521 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BG043526.D

Acq: 6 Nov 2019 18:52

Tgt Ion:216 Resp: 118476

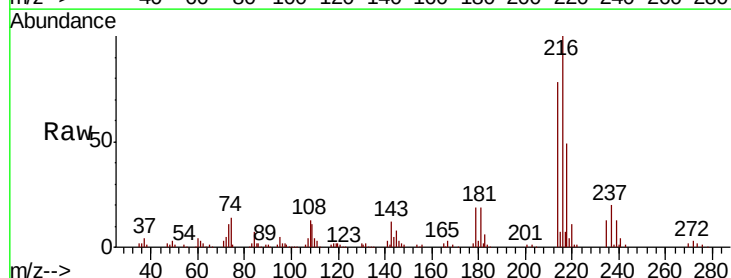
Ion Ratio Lower Upper

216 100

214 76.9 61.7 92.5

179 19.2 15.8 23.8

108 15.9 11.5 17.3

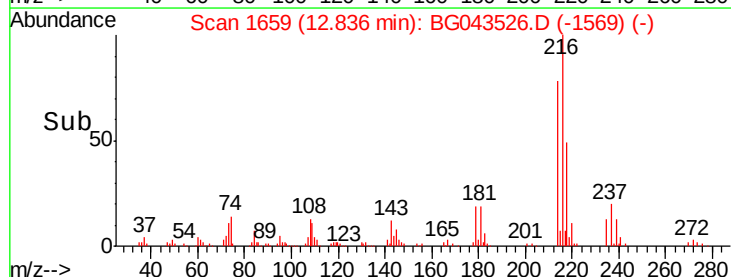
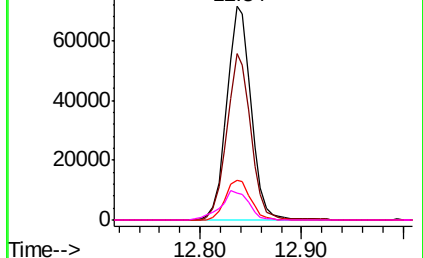


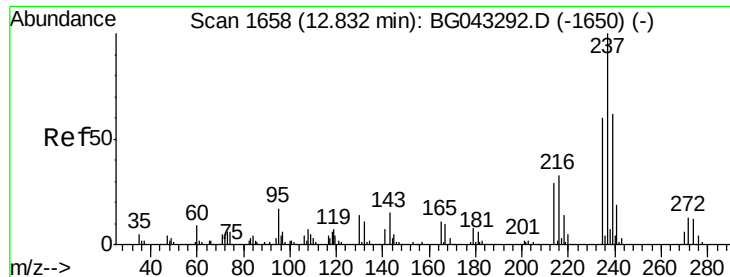
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 86.610 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG043526.D

Acq: 6 Nov 2019 18:52

Instrument :

BNA_G

ClientSampleId :

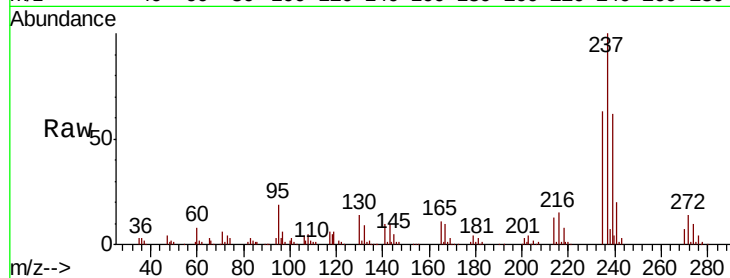
Tot Ion:237 Resp: 126766

Ion Ratio Lower Upper

237 100

235 62.6 41.6 81.6

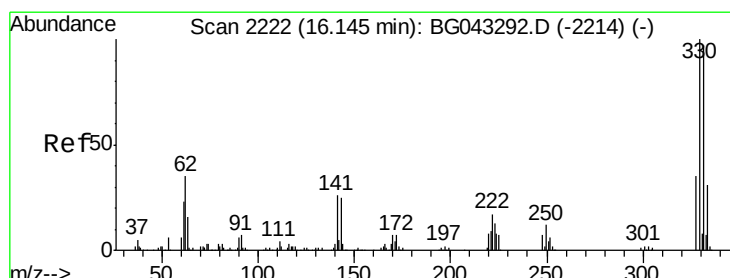
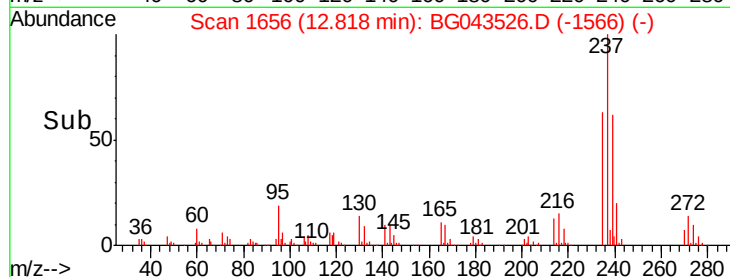
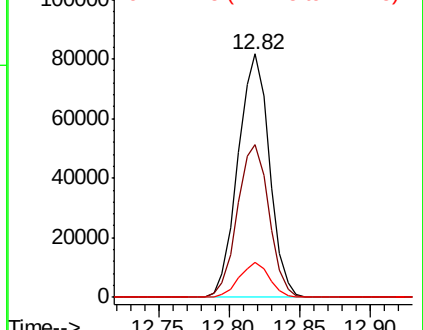
272 14.4 0.0 32.5



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: 115.056 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG043526.D

Acq: 6 Nov 2019 18:52

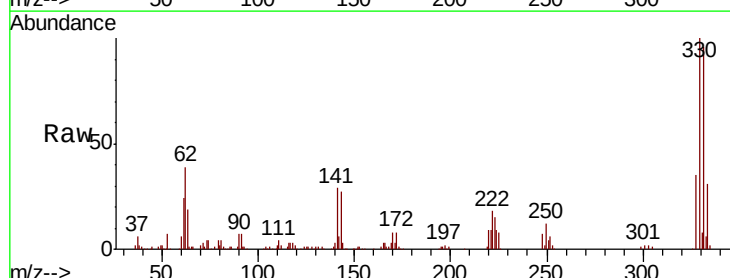
Tgt Ion:330 Resp: 164842

Ion Ratio Lower Upper

330 100

332 94.3 77.4 116.0

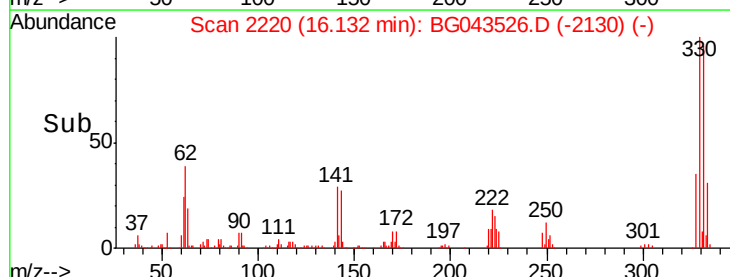
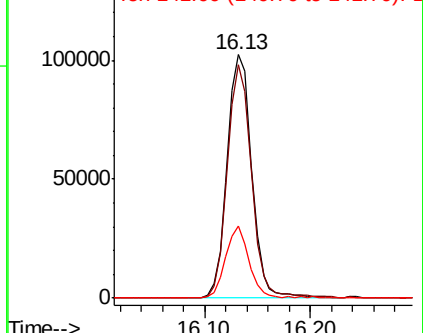
141 28.4 22.8 34.2

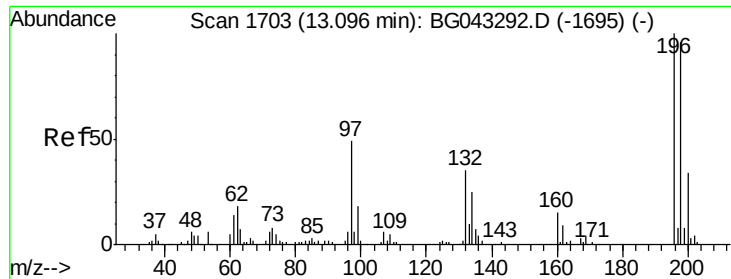


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

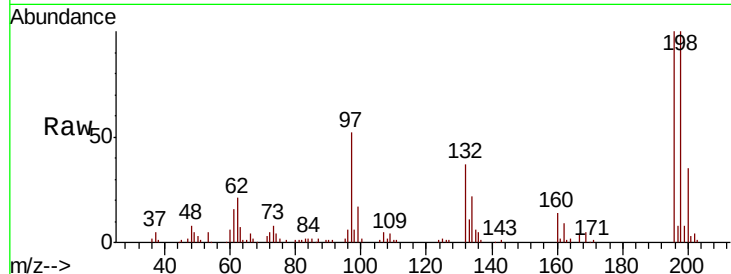




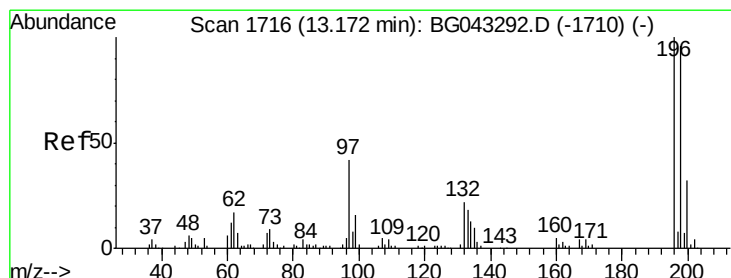
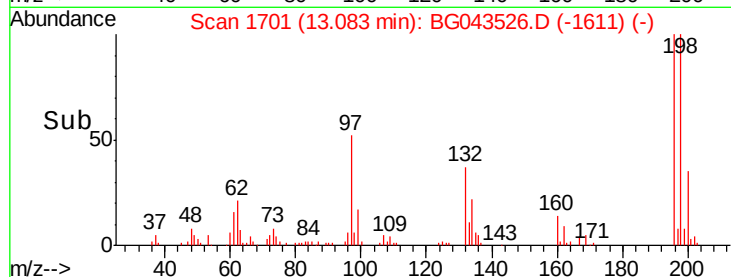
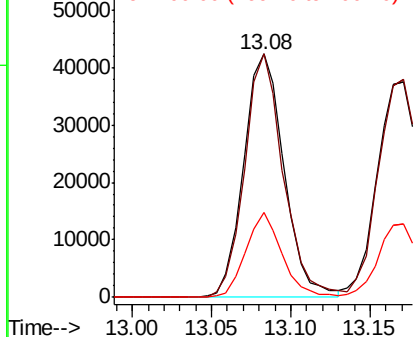
#43
 2,4,6-Trichlorophenol
 Concen: 45.624 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG043526.D
 Acq: 6 Nov 2019 18:52

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 74862
 Ion Ratio Lower Upper
 196 100
 198 100.2 75.8 113.6
 200 34.9 23.9 35.9

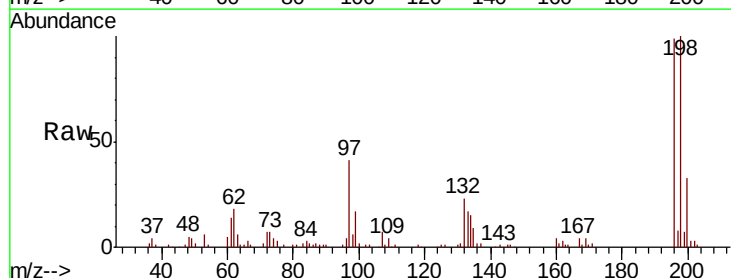


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

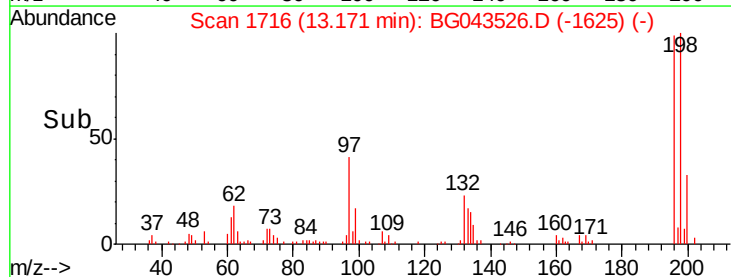
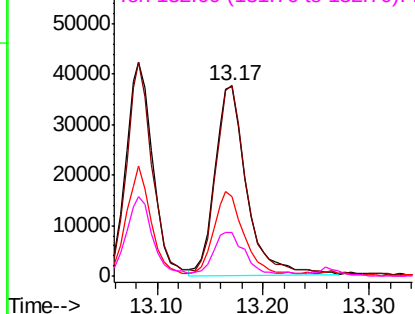


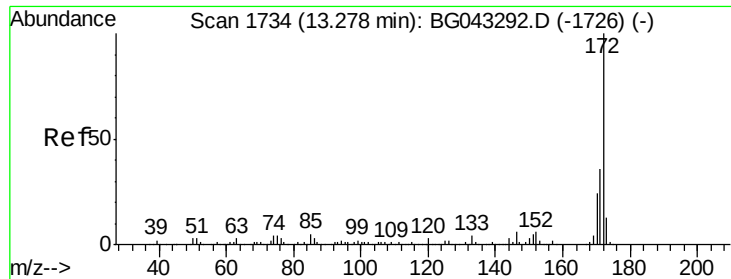
#44
 2,4,5-Trichlorophenol
 Concen: 47.125 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG043526.D
 Acq: 6 Nov 2019 18:52

Tgt Ion:196 Resp: 78175
 Ion Ratio Lower Upper
 196 100
 198 100.9 74.5 111.7
 97 41.7 36.3 54.5
 132 22.8 17.4 26.2



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

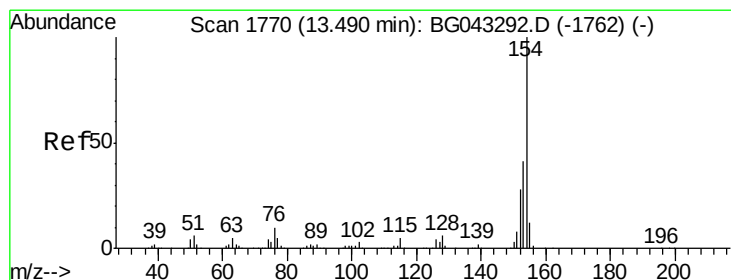
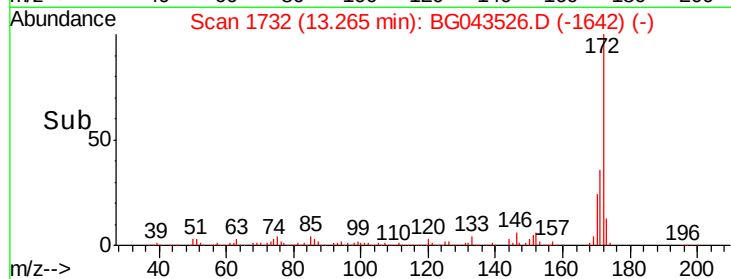
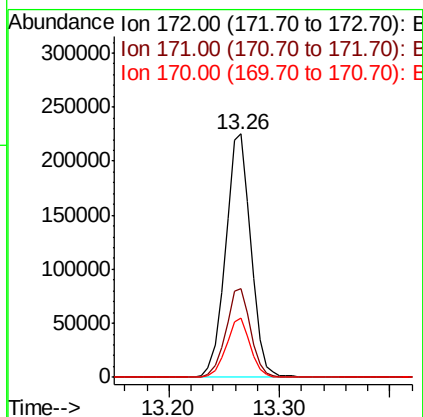
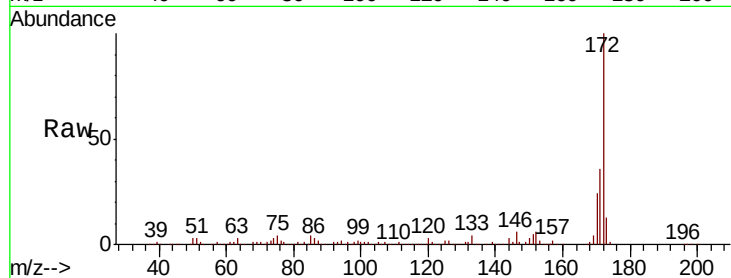




#45
2-Fluorobiphenyl
Concen: 66.147 ng
RT: 13.26 min Scan# 1732
Delta R.T. -0.00 min
Lab File: BG043526.D
Acq: 6 Nov 2019 18:52

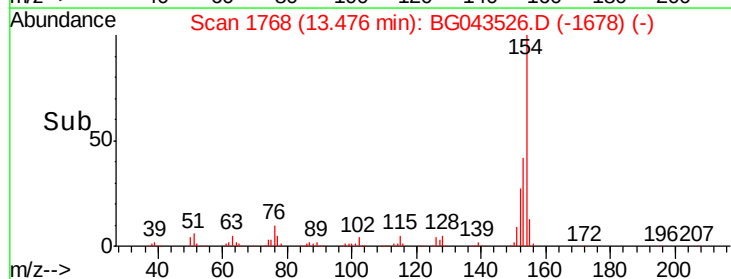
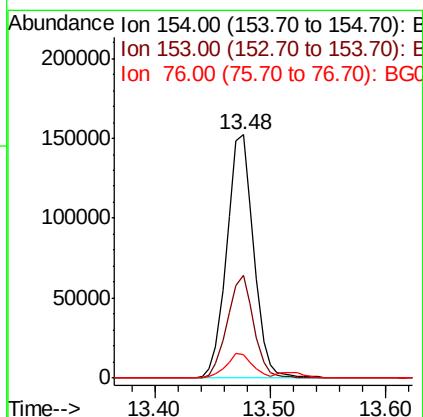
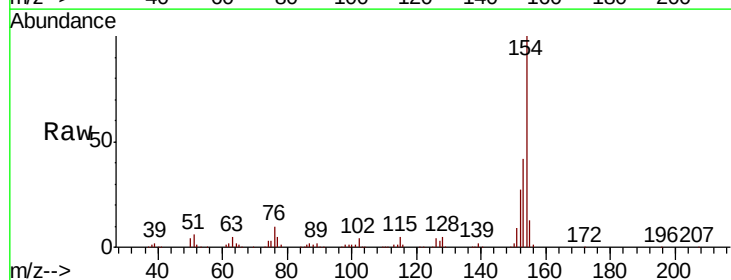
Instrument :
BNA_G
ClientSampleId :

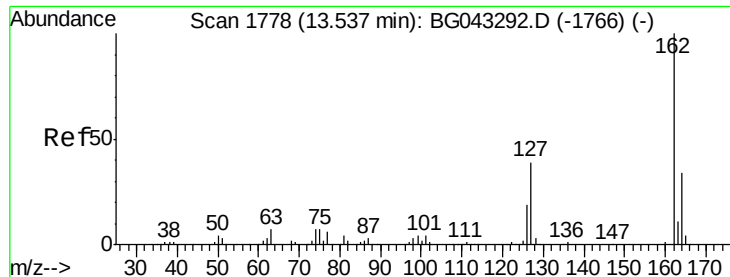
Tot Ion:172 Resp: 360401
Ion Ratio Lower Upper
172 100
171 36.3 28.9 43.3
170 24.5 18.5 27.7



#46
1,1'-Biphenyl
Concen: 42.958 ng
RT: 13.48 min Scan# 1768
Delta R.T. -0.00 min
Lab File: BG043526.D
Acq: 6 Nov 2019 18:52

Tgt Ion:154 Resp: 246038
Ion Ratio Lower Upper
154 100
153 42.0 19.9 59.9
76 9.6 0.0 29.4

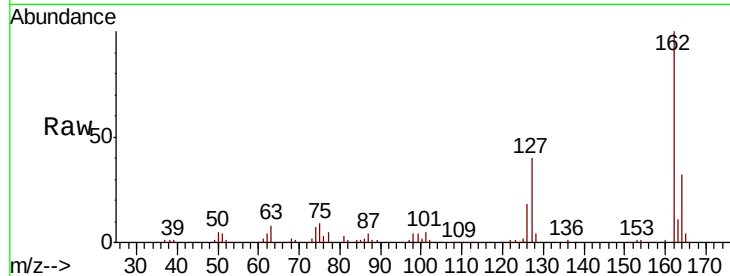




#47
 2-Chloronaphthalene
 Concen: 44.036 ng
 RT: 13.52 min Scan# 1775
 Delta R.T. -0.00 min
 Lab File: BG043526.D
 Acq: 6 Nov 2019 18:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.7	31.2	46.8
164	32.0	25.8	38.8

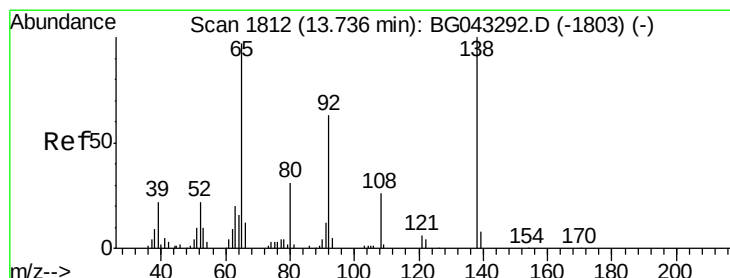
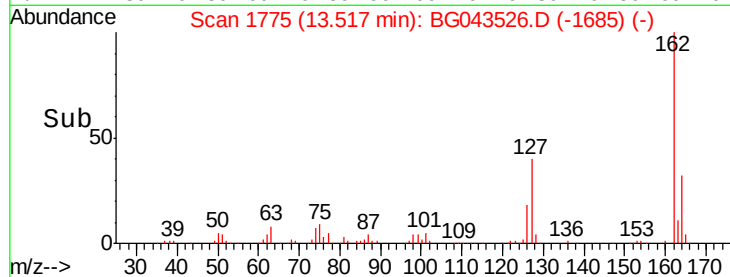
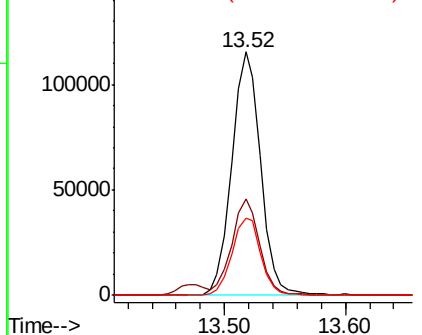


Abundance

Ion 162.00 (161.70 to 162.70): E

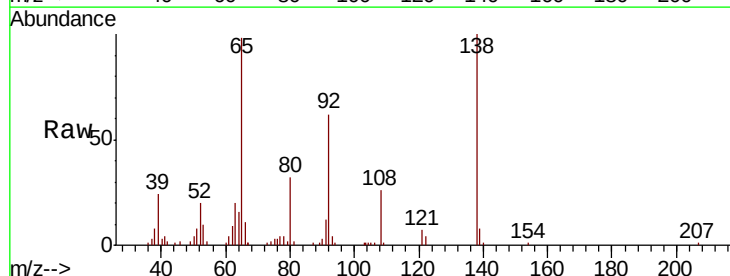
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 43.502 ng
 RT: 13.73 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: BG043526.D
 Acq: 6 Nov 2019 18:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.3	56.2	84.2
138	102.4	82.6	123.8

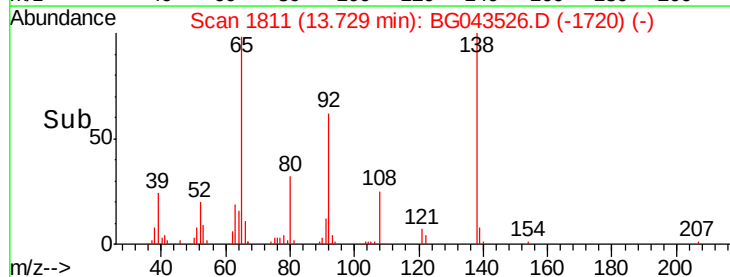
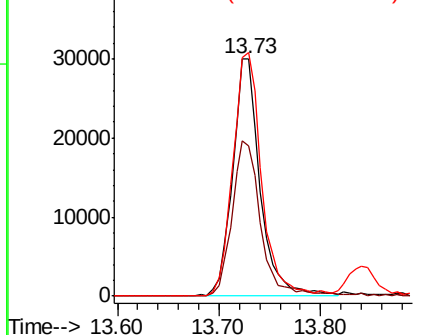


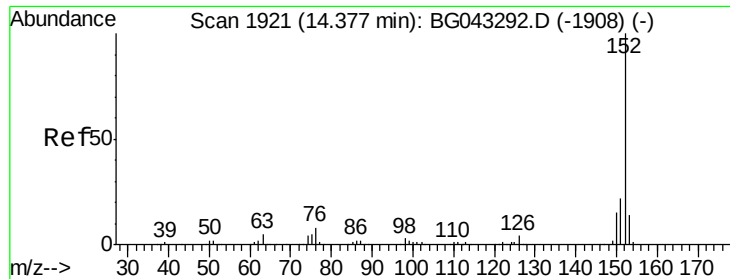
Abundance

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: 45.901 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG043526.D

Acq: 6 Nov 2019 18:52

Instrument :

BNA_G

ClientSampleId :

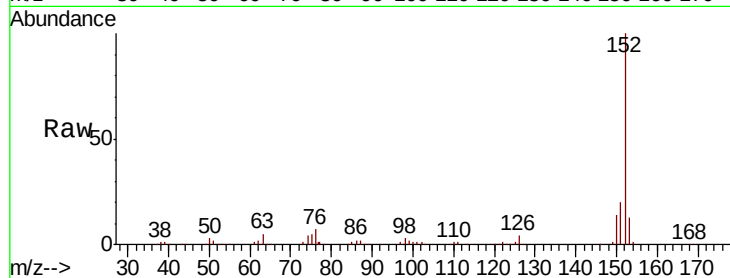
Tot Ion:152 Resp: 311318

Ion Ratio Lower Upper

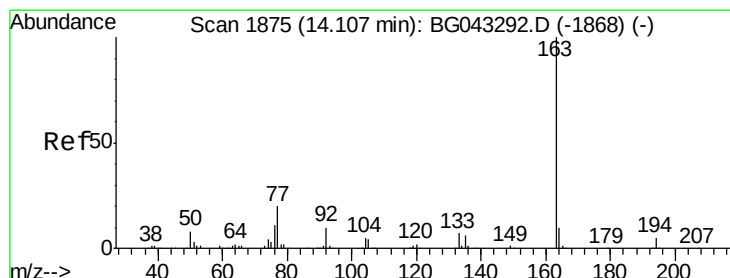
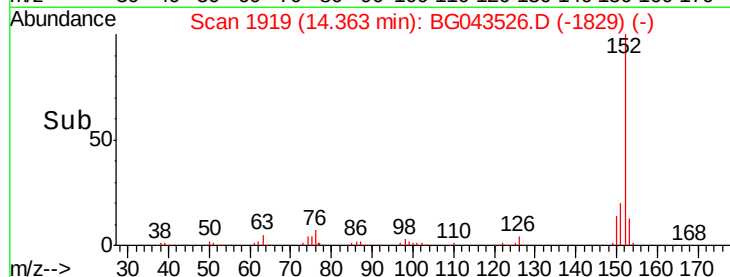
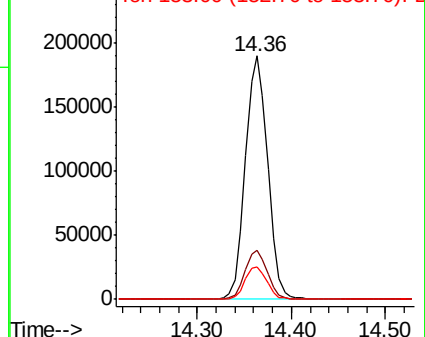
152 100

151 20.1 16.2 24.4

153 13.4 10.6 15.8



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: 42.793 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BG043526.D

Acq: 6 Nov 2019 18:52

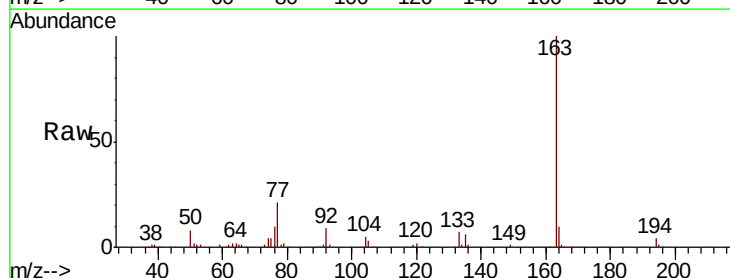
Tgt Ion:163 Resp: 249548

Ion Ratio Lower Upper

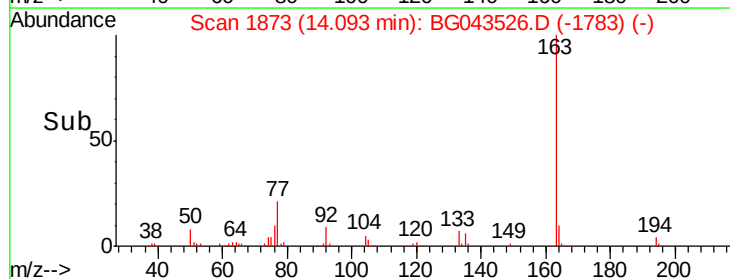
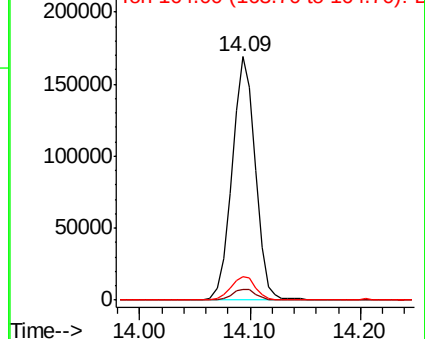
163 100

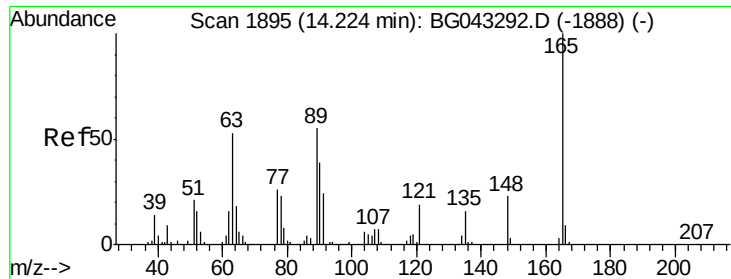
194 4.2 3.8 5.6

164 9.8 8.9 13.3



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: 46.349 ng

RT: 14.22 min Scan# 1894

Delta R.T. 0.00 min

Lab File: BG043526.D

Acq: 6 Nov 2019 18:52

Instrument :

BNA_G

ClientSampled :

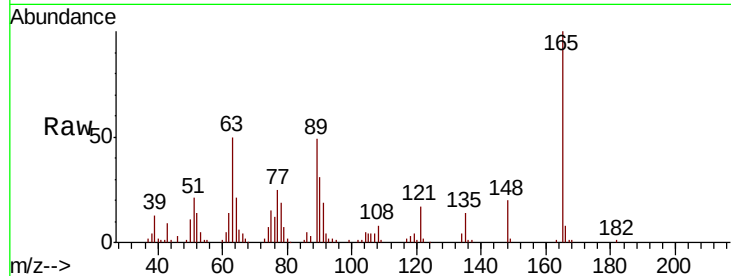
Tot Ion:165 Resp: 58719

Ion Ratio Lower Upper

165 100

63 49.9 46.6 69.8

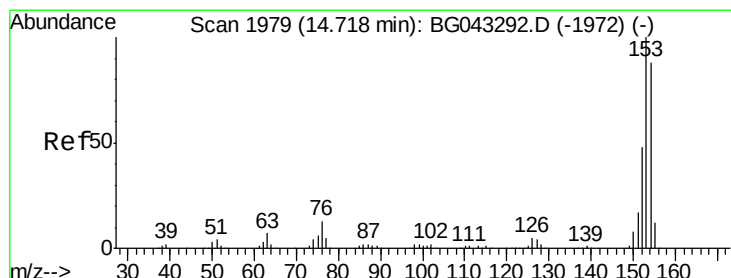
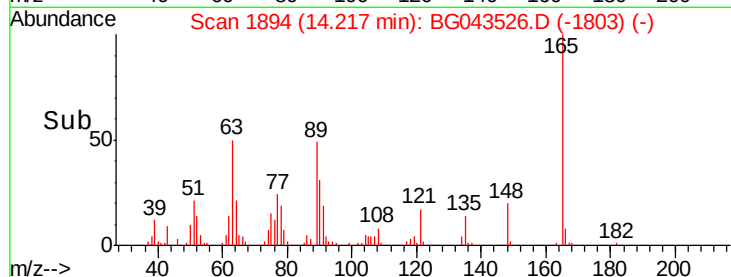
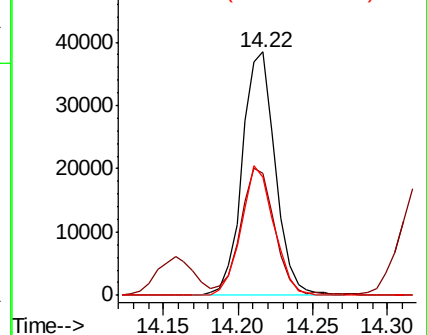
89 48.8 45.1 67.7



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: 44.130 ng

RT: 14.70 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BG043526.D

Acq: 6 Nov 2019 18:52

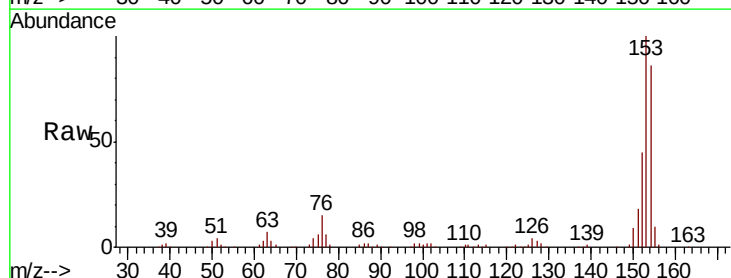
Tgt Ion:154 Resp: 182524

Ion Ratio Lower Upper

154 100

153 115.7 88.2 132.2

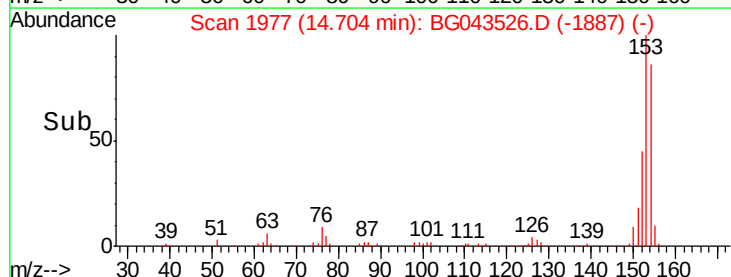
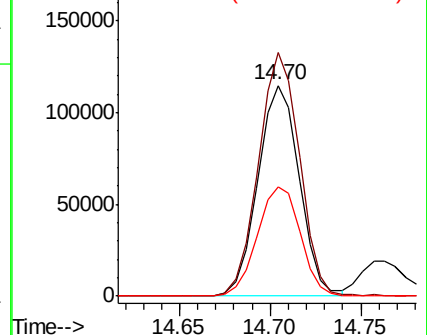
152 52.2 40.0 60.0

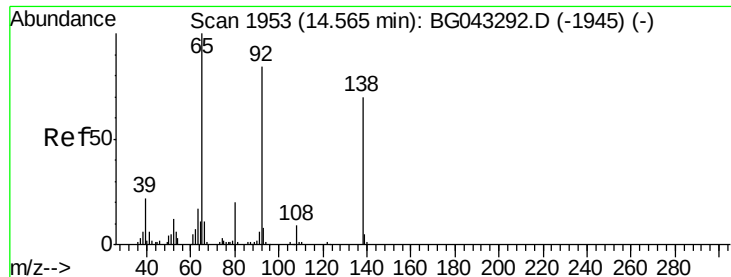


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

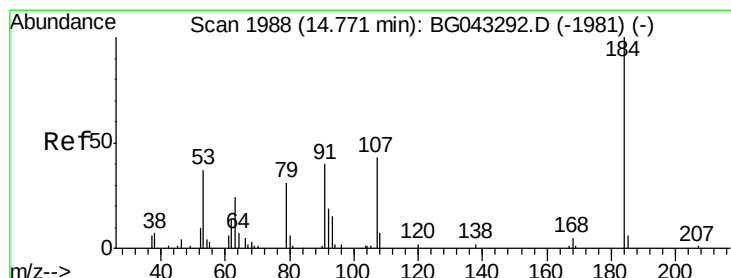
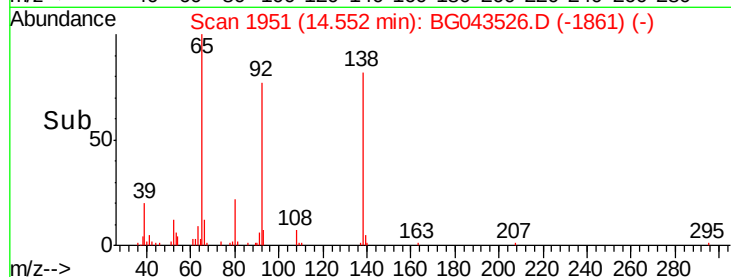
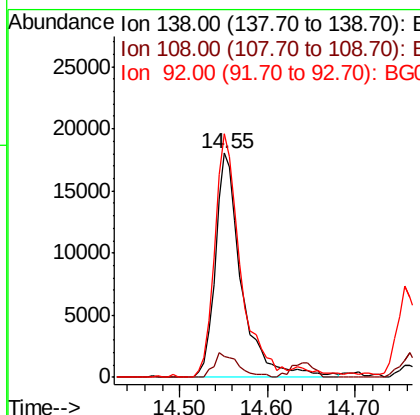
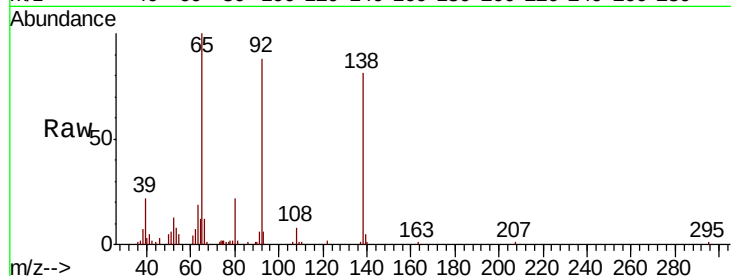




#53
3-Nitroaniline
Concen: 30.515 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG043526.D
Acq: 6 Nov 2019 18:52

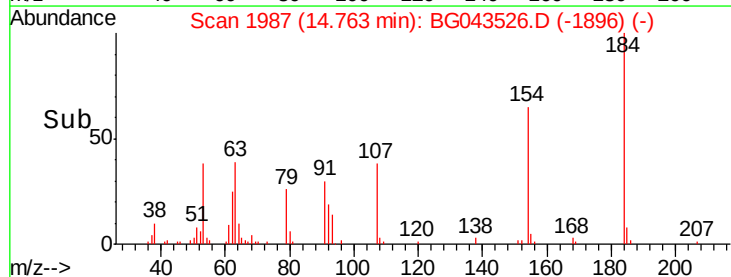
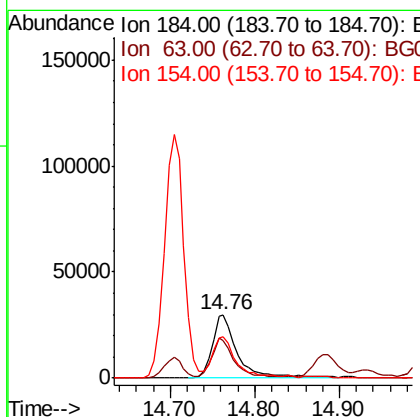
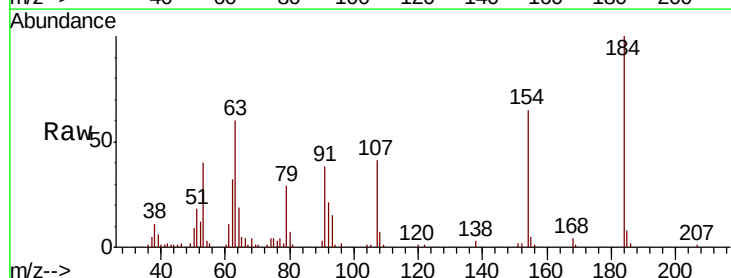
Instrument :
BNA_G
ClientSampleId :

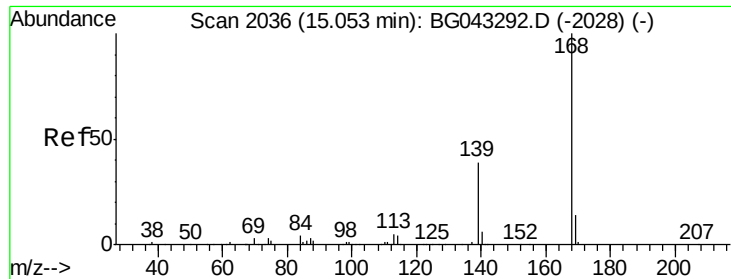
Tot Ion:138 Resp: 37324
Ion Ratio Lower Upper
138 100
108 9.5 8.0 12.0
92 108.7 90.9 136.3



#54
2,4-Dinitrophenol
Concen: 78.577 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG043526.D
Acq: 6 Nov 2019 18:52

Tgt Ion:184 Resp: 62050
Ion Ratio Lower Upper
184 100
63 59.7 51.3 76.9
154 64.5 55.4 83.0

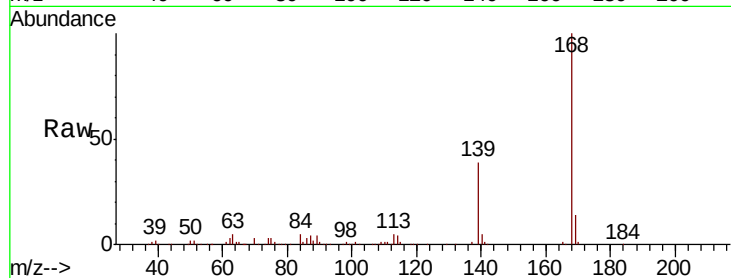




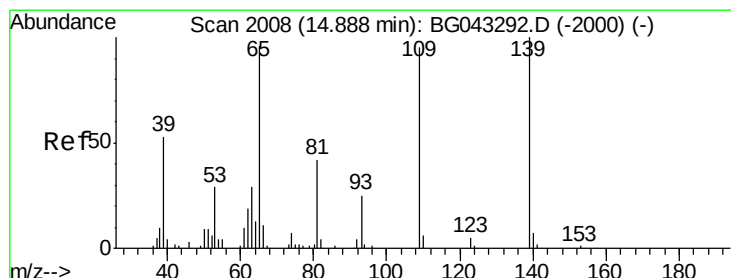
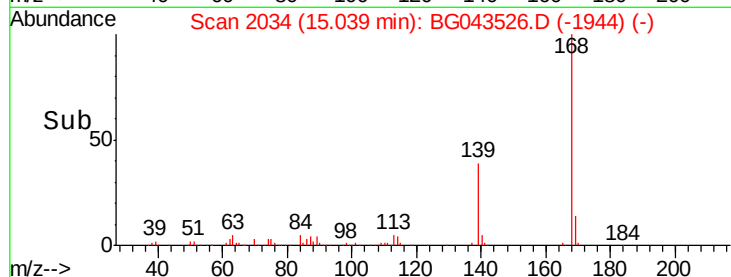
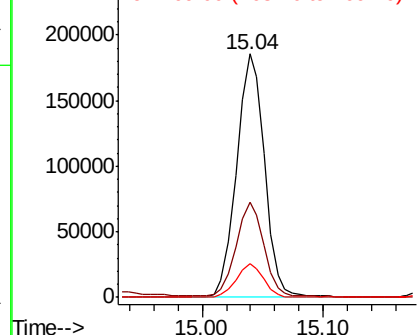
#55
Dibenzofuran
Concen: 44.654 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG043526.D
Acq: 6 Nov 2019 18:52

Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 299513
Ion Ratio Lower Upper
168 100
139 39.1 31.0 46.6
169 14.0 11.7 17.5

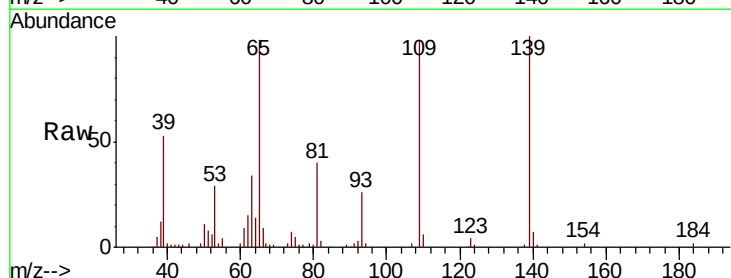


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

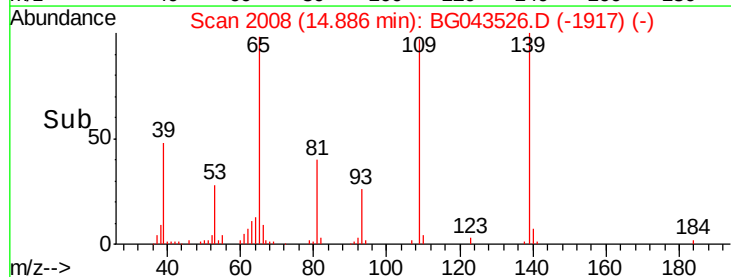
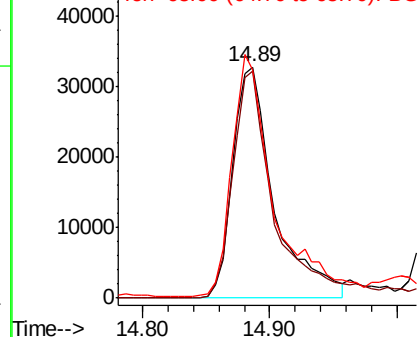


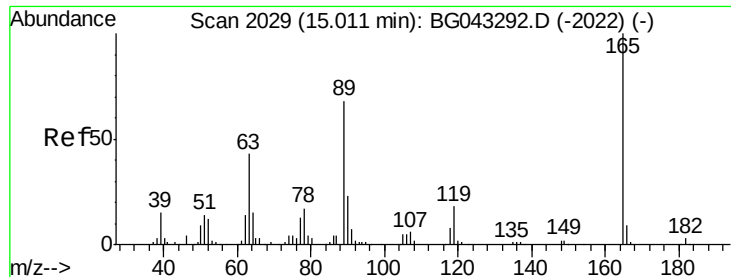
#56
4-Nitrophenol
Concen: 90.810 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG043526.D
Acq: 6 Nov 2019 18:52

Tgt Ion:139 Resp: 74434
Ion Ratio Lower Upper
139 100
109 98.1 87.2 127.2
65 98.5 83.8 123.8



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): BG

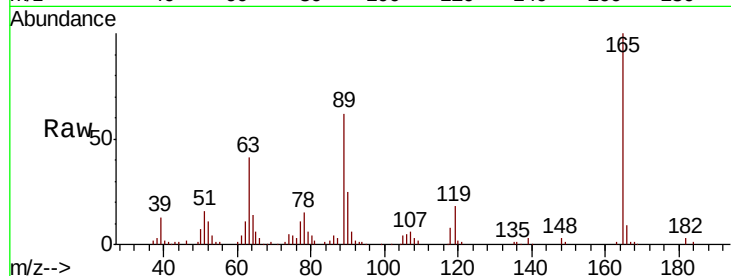




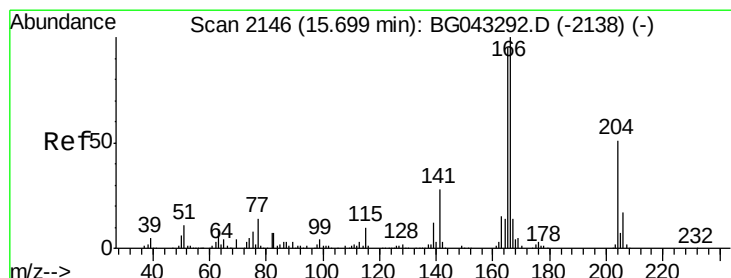
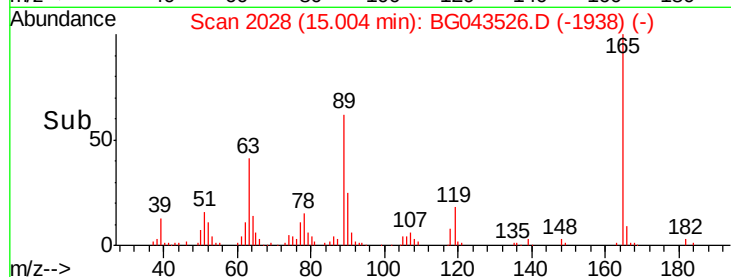
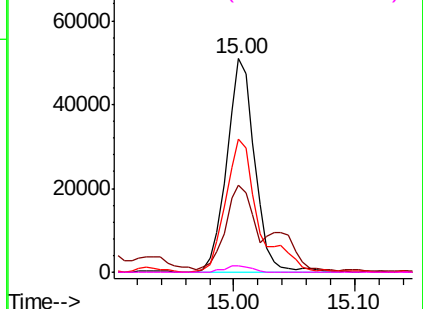
#57
2,4-Dinitrotoluene
Concen: 45.222 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG043526.D
Acq: 6 Nov 2019 18:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165	Resp:	81876
Ion Ratio	Lower	Upper
165	100	
63	40.6	33.2 49.8
89	62.1	52.2 78.4
182	2.8	2.0 3.0

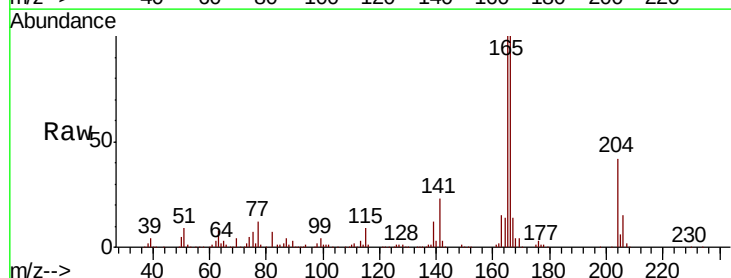


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

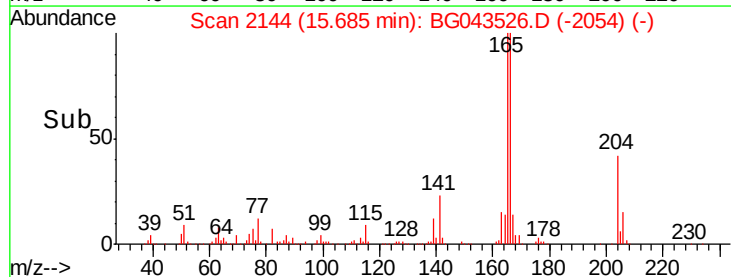
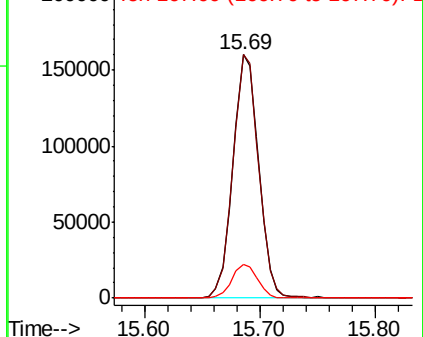


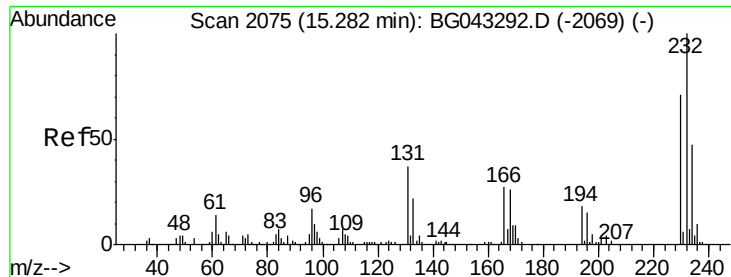
#58
Fluorene
Concen: 43.889 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG043526.D
Acq: 6 Nov 2019 18:52

Tgt Ion:166	Resp:	246899
Ion Ratio	Lower	Upper
166	100	
165	100.0	79.0 118.6
167	13.8	10.5 15.7



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

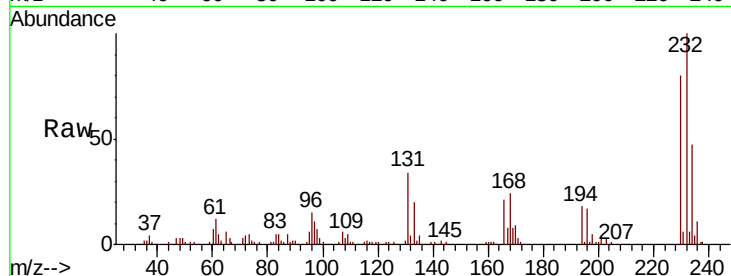




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.766 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.08 min
Lab File: BG043526.D
Acq: 6 Nov 2019 18:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	33.5	26.9	40.3
130	2.0	1.8	2.6
166	21.8	20.9	31.3



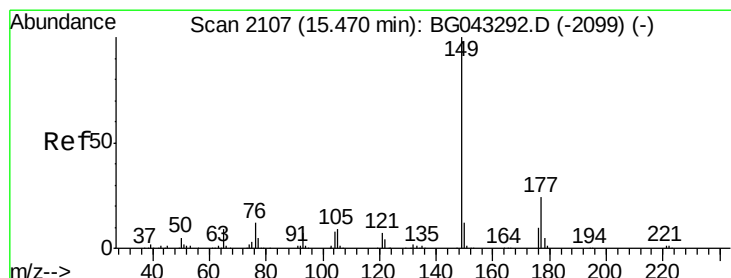
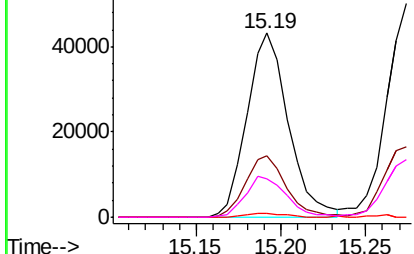
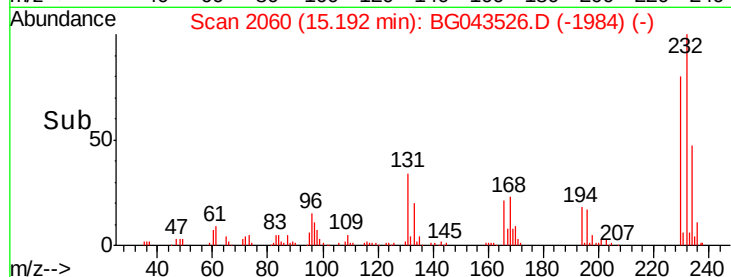
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

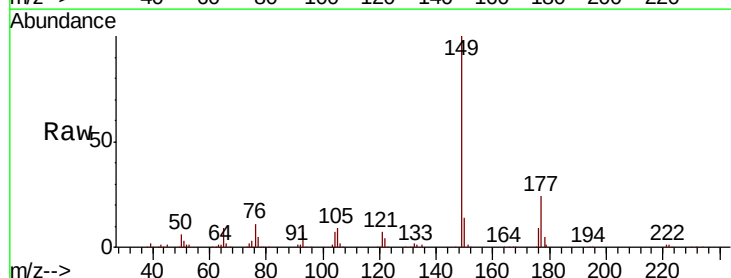
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 42.538 ng
RT: 15.45 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BG043526.D
Acq: 6 Nov 2019 18:52

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.7	19.6	29.4
150	14.0	10.8	16.2

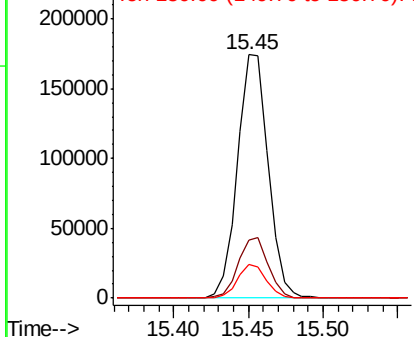
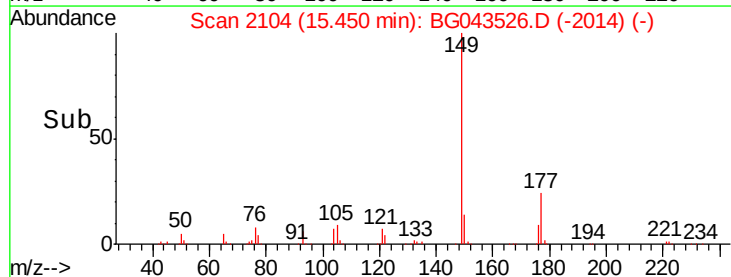


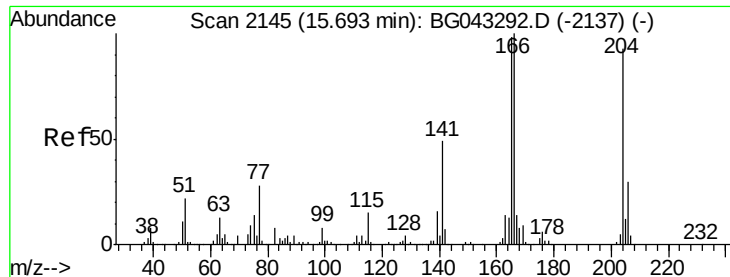
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

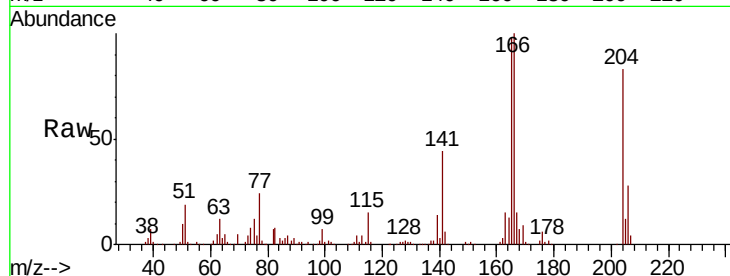




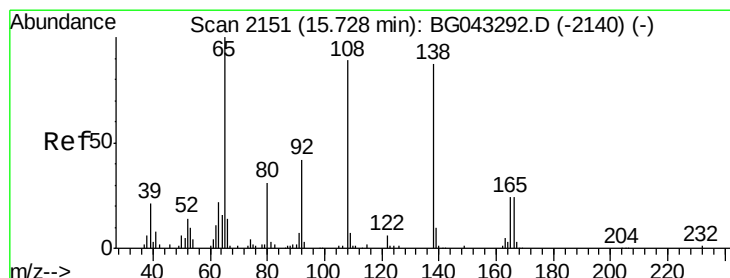
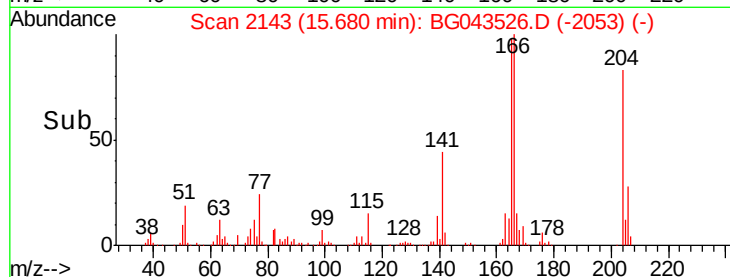
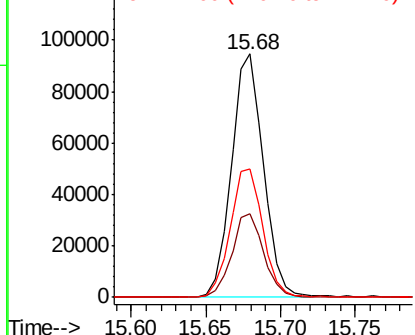
#61
 4-Chlorophenyl-phenylether
 Concen: 43.102 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: BG043526.D
 Acq: 6 Nov 2019 18:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:204 Resp: 141452
 Ion Ratio Lower Upper
 204 100
 206 34.1 28.4 42.6
 141 52.9 43.0 64.6

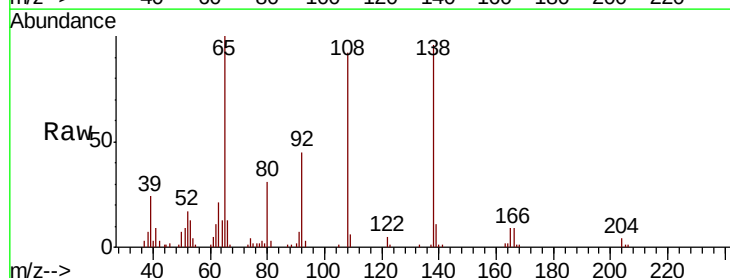


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

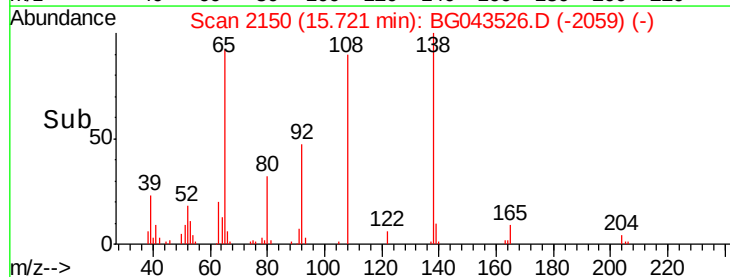
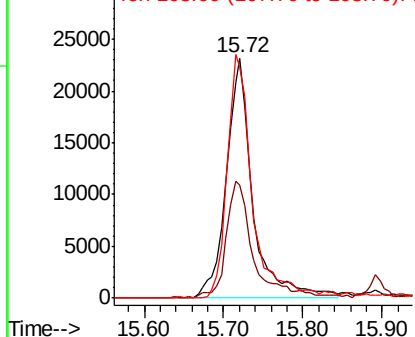


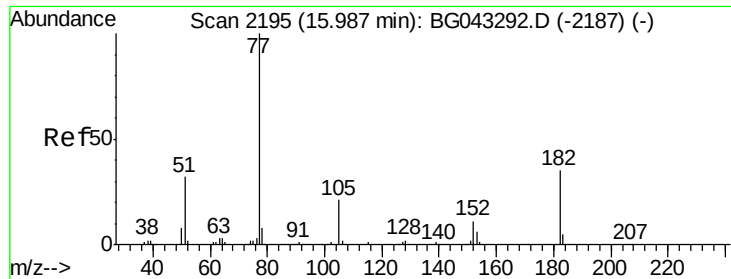
#62
 4-Nitroaniline
 Concen: 42.440 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. 0.00 min
 Lab File: BG043526.D
 Acq: 6 Nov 2019 18:52

Tgt Ion:138 Resp: 53610
 Ion Ratio Lower Upper
 138 100
 92 47.0 33.4 73.4
 108 96.0 78.0 118.0



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

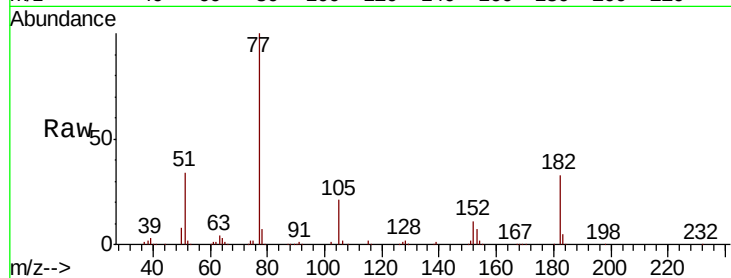




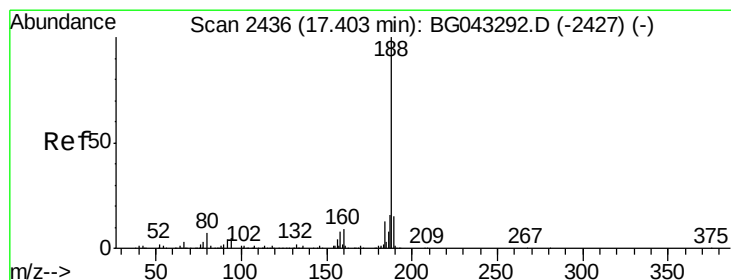
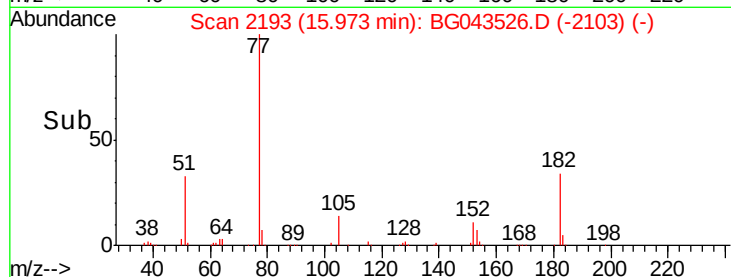
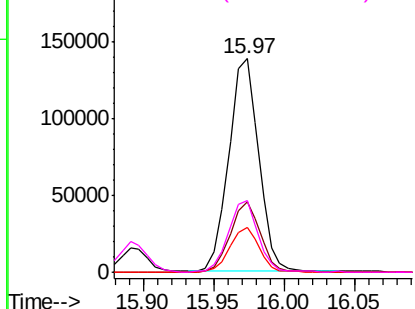
#63
Azobenzene
Concen: 43.249 ng
RT: 15.97 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BG043526.D
Acq: 6 Nov 2019 18:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	205091
Ion	Ratio	Lower	Upper
77	100		
182	32.8	13.7	53.7
105	21.3	0.4	40.4
51	33.8	11.0	51.0

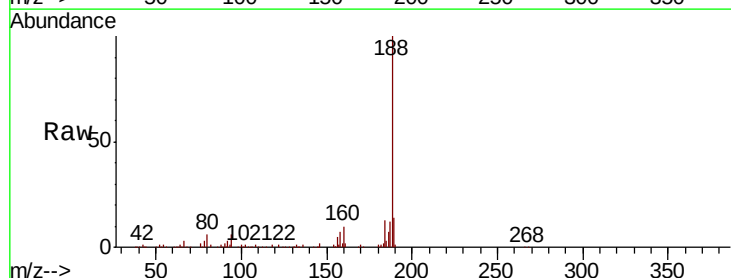


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

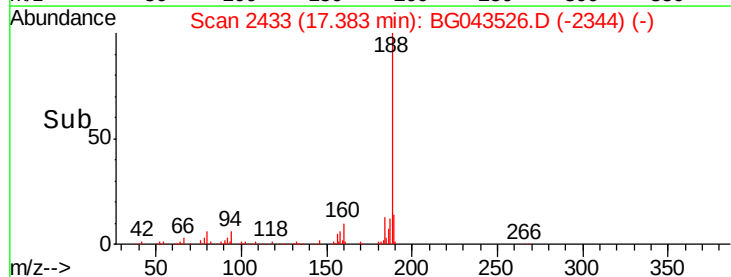
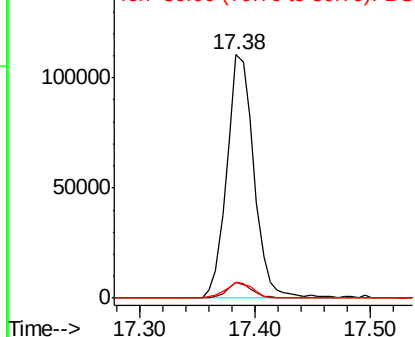


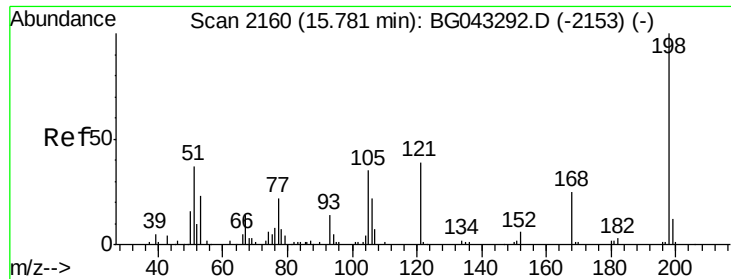
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG043526.D
Acq: 6 Nov 2019 18:52

Tgt Ion:	188	Resp:	179887
Ion	Ratio	Lower	Upper
188	100		
94	6.4	4.2	6.4#
80	6.4	4.5	6.7



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: 46.602 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG043526.D

Acq: 6 Nov 2019 18:52

Instrument :

BNA_G

ClientSampleId :

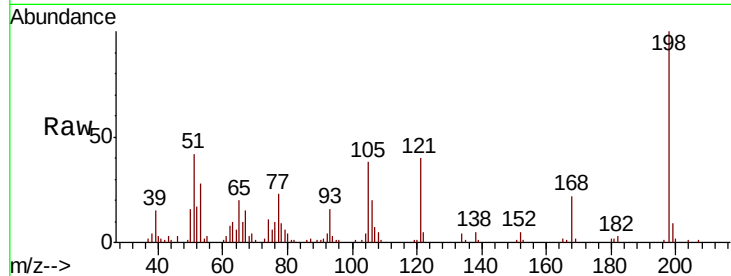
Tot Ion:198 Resp: 49335

Ion	Ratio	Lower	Upper
198	100		
51	42.0	13.2	53.2
105	37.6	15.8	55.8

198 100

51 42.0 13.2 53.2

105 37.6 15.8 55.8

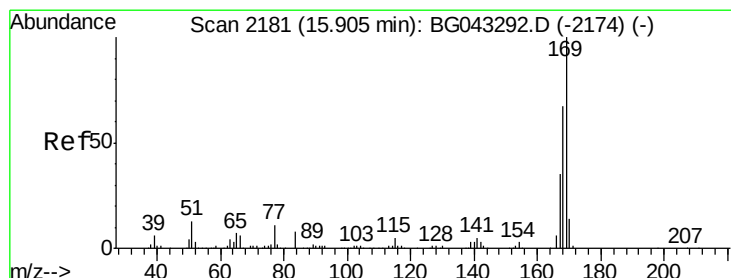
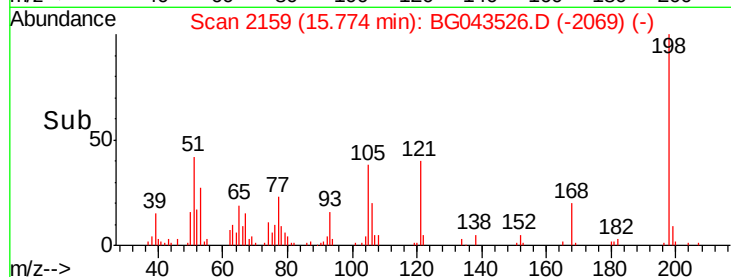
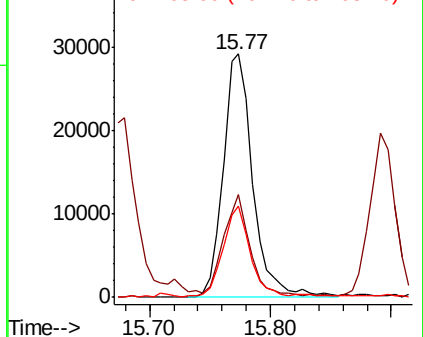


Abundance

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: 43.647 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BG043526.D

Acq: 6 Nov 2019 18:52

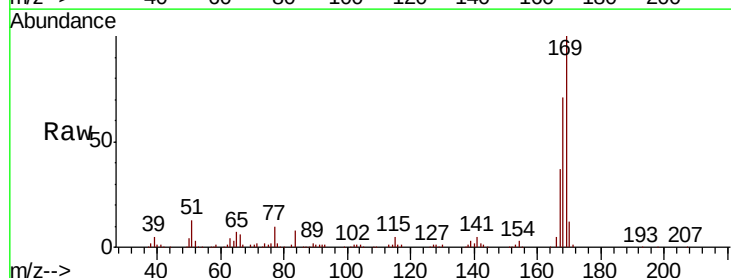
Tgt Ion:169 Resp: 221670

Ion	Ratio	Lower	Upper
169	100		
168	70.9	53.8	80.6
167	37.1	27.5	41.3

169 100

168 70.9 53.8 80.6

167 37.1 27.5 41.3

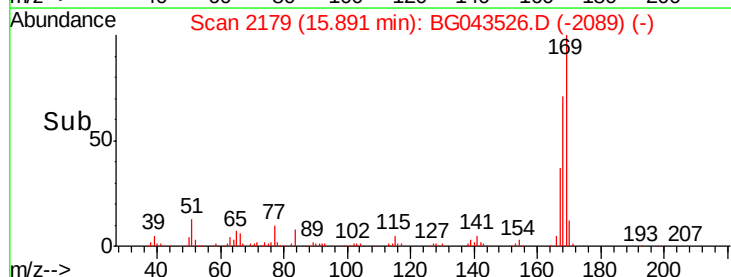
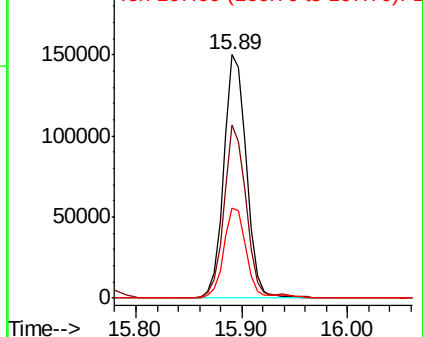


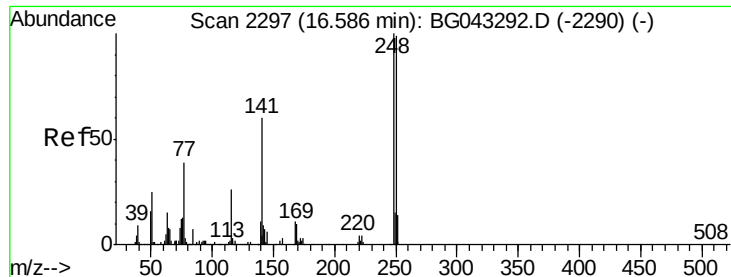
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 40.375 ng

RT: 16.57 min Scan# 2295

Delta R.T. -0.00 min

Lab File: BG043526.D

Acq: 6 Nov 2019 18:52

Instrument :

BNA_G

ClientSampleId :

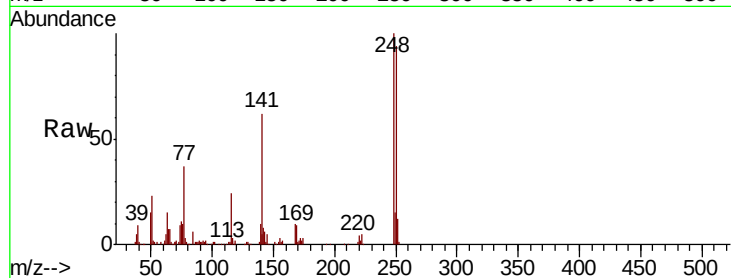
Tot Ion:248 Resp: 97744

Ion Ratio Lower Upper

248 100

250 94.2 77.0 115.4

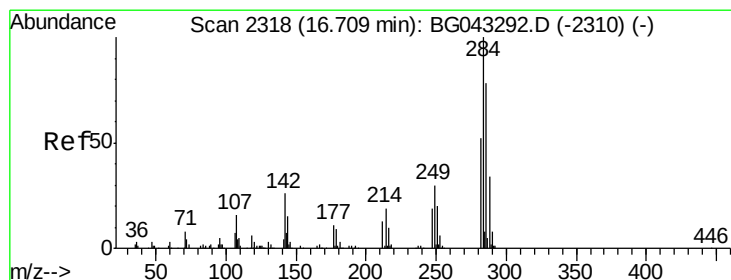
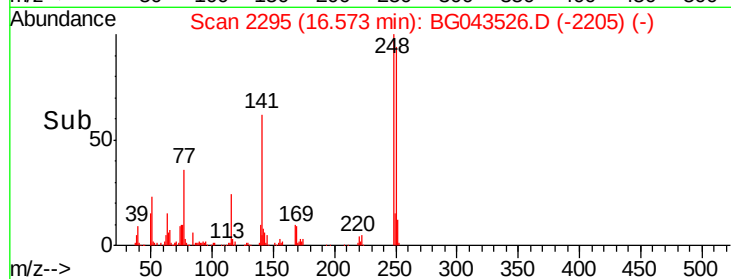
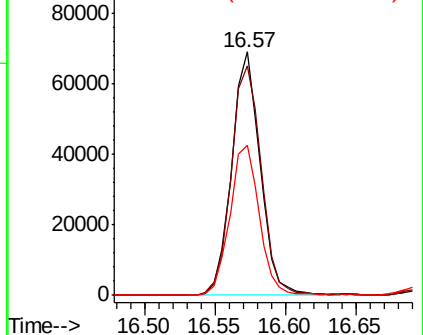
141 61.7 47.5 71.3



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 40.057 ng

RT: 16.70 min Scan# 2316

Delta R.T. -0.00 min

Lab File: BG043526.D

Acq: 6 Nov 2019 18:52

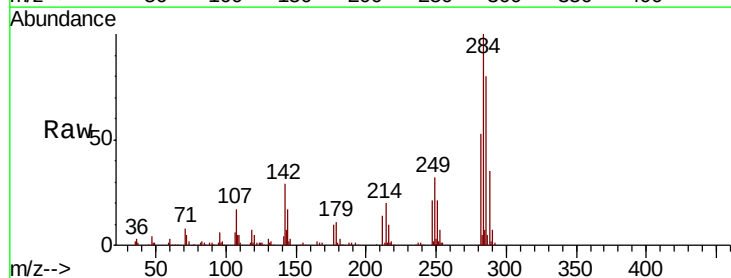
Tgt Ion:284 Resp: 111314

Ion Ratio Lower Upper

284 100

142 28.6 19.8 29.8

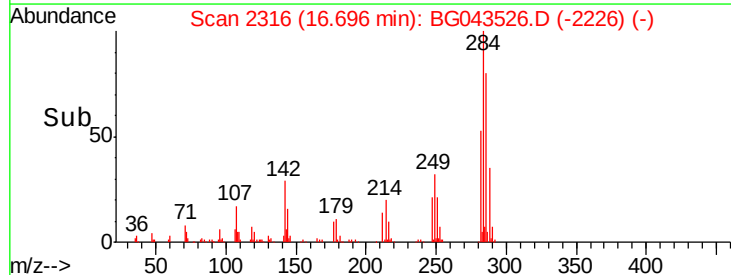
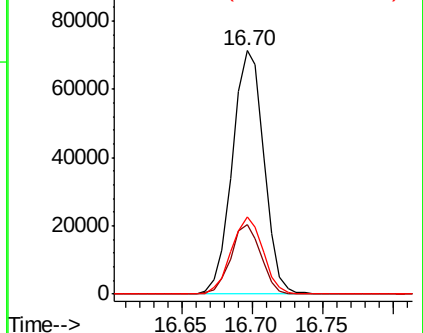
249 31.8 23.8 35.6

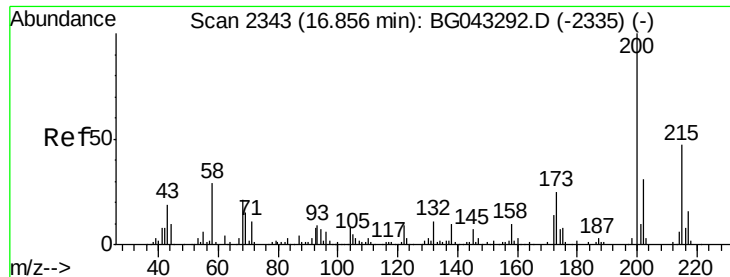


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

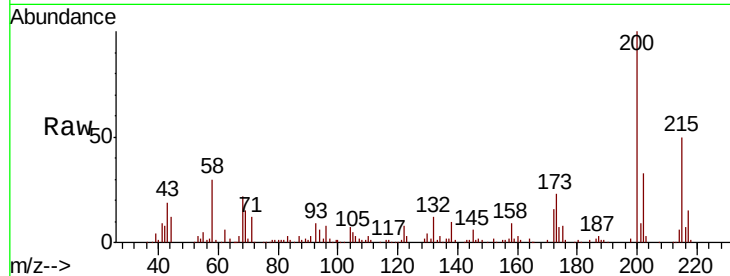




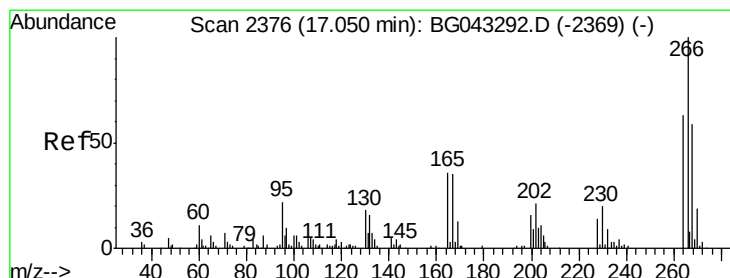
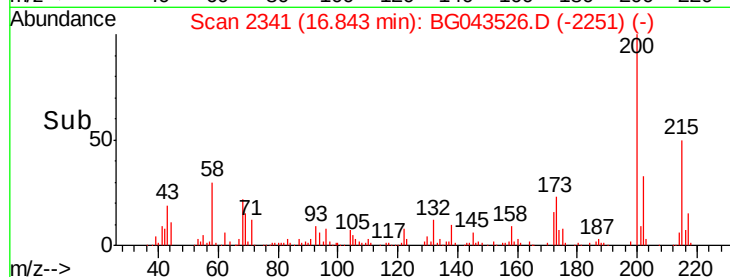
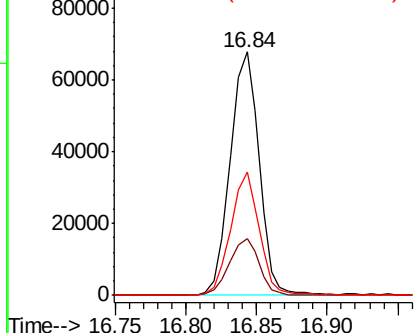
#69
Atrazine
Concen: 55.159 ng
RT: 16.84 min Scan# 2341
Delta R.T. -0.00 min
Lab File: BG043526.D
Acq: 6 Nov 2019 18:52

Instrument :
BNA_G
ClientSampled :

Tot Ion:200 Resp: 97341
Ion Ratio Lower Upper
200 100
173 23.3 4.7 44.7
215 50.4 28.5 68.5

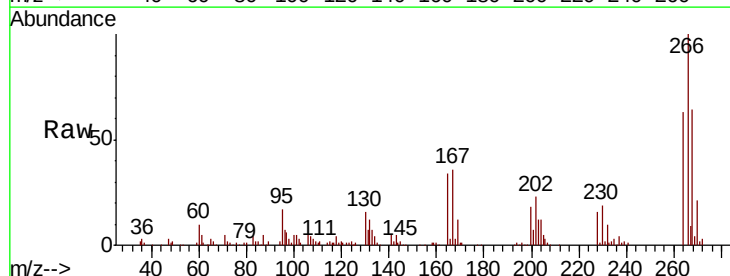


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

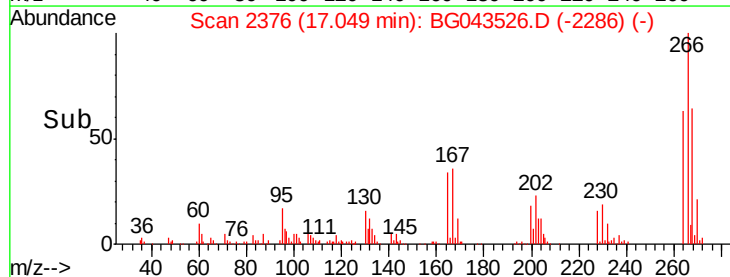
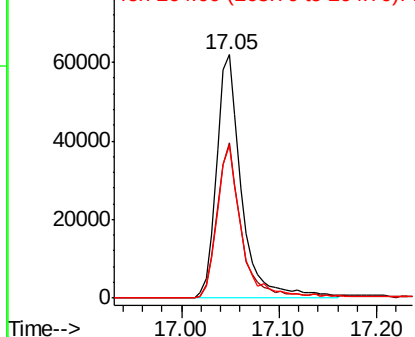


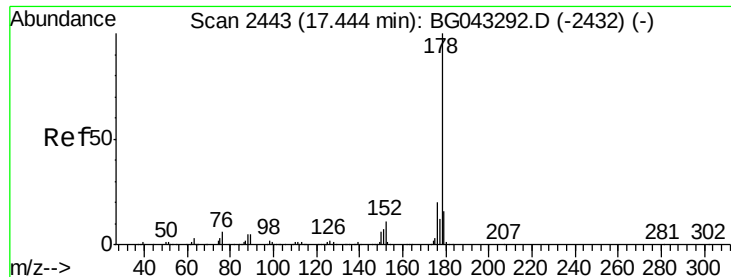
#70
Pentachlorophenol
Concen: 86.741 ng
RT: 17.05 min Scan# 2376
Delta R.T. -0.00 min
Lab File: BG043526.D
Acq: 6 Nov 2019 18:52

Tgt Ion:266 Resp: 109834
Ion Ratio Lower Upper
266 100
268 63.9 50.4 75.6
264 62.6 48.9 73.3



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

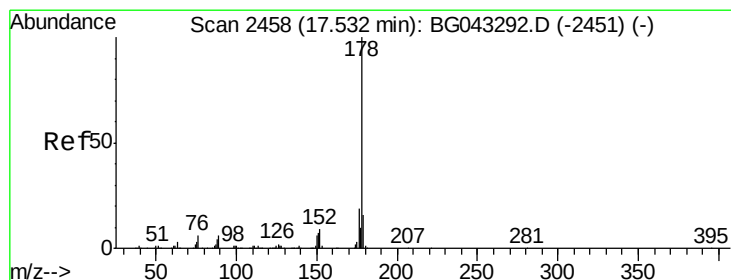
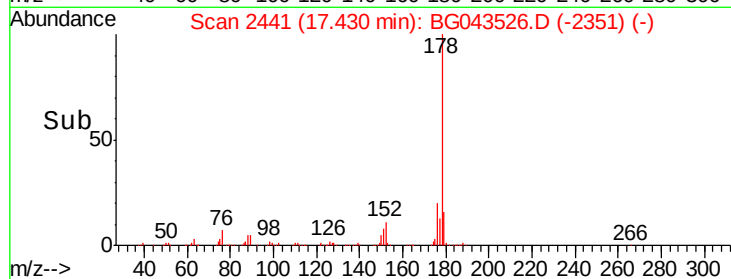
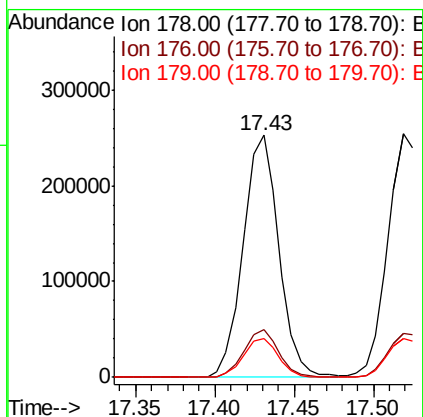
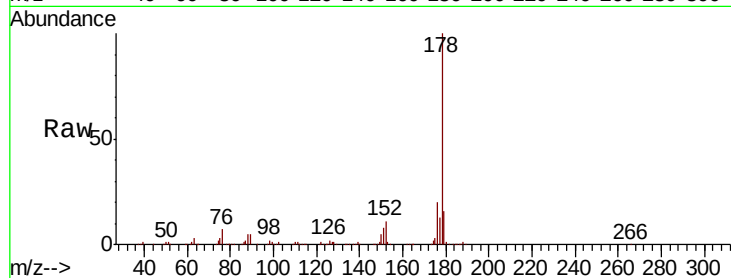




#71
 Phenanthrene
 Concen: 42.856 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.00 min
 Lab File: BG043526.D
 Acq: 6 Nov 2019 18:52

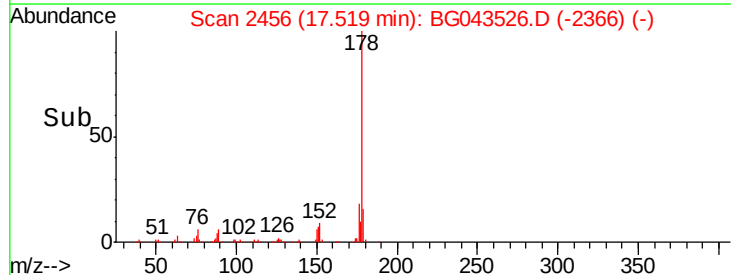
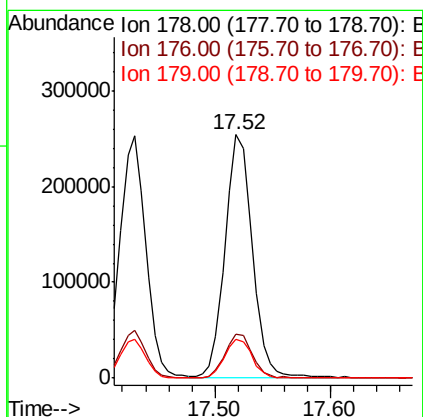
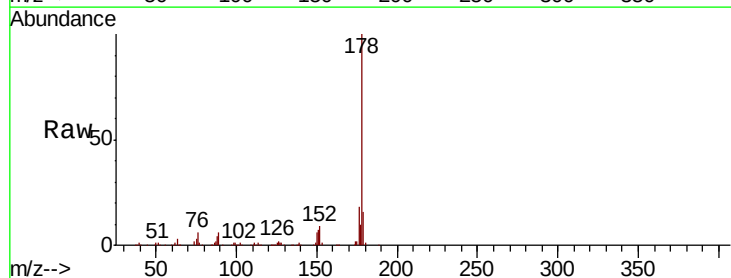
Instrument :
 BNA_G
 ClientSampleId :

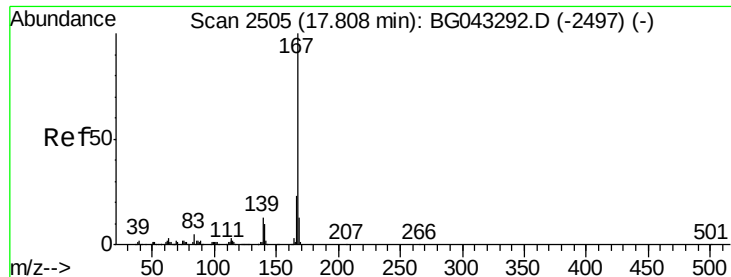
Tot Ion:178 Resp: 394774
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.4 23.0
 179 16.0 13.0 19.6



#72
 Anthracene
 Concen: 45.189 ng
 RT: 17.52 min Scan# 2456
 Delta R.T. -0.00 min
 Lab File: BG043526.D
 Acq: 6 Nov 2019 18:52

Tgt Ion:178 Resp: 416474
 Ion Ratio Lower Upper
 178 100
 176 18.1 15.5 23.3
 179 16.2 13.7 20.5





#73

Carbazole

Concen: 44.972 ng

RT: 17.79 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG043526.D

Acq: 6 Nov 2019 18:52

Instrument :

BNA_G

ClientSampled :

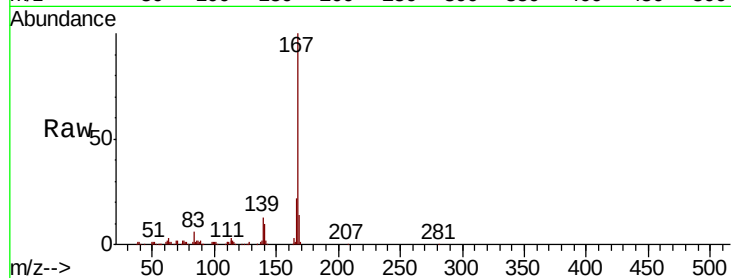
Tot Ion:167 Resp: 375339

Ion Ratio Lower Upper

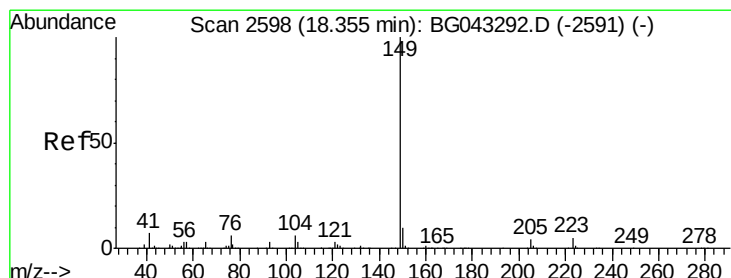
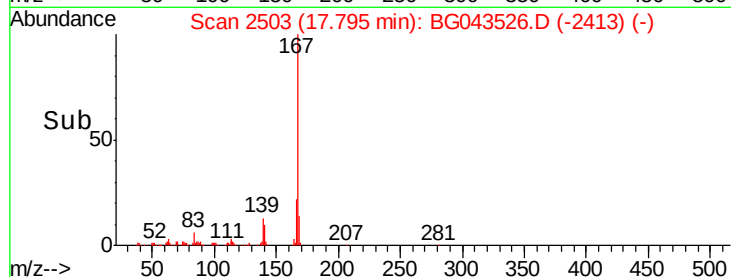
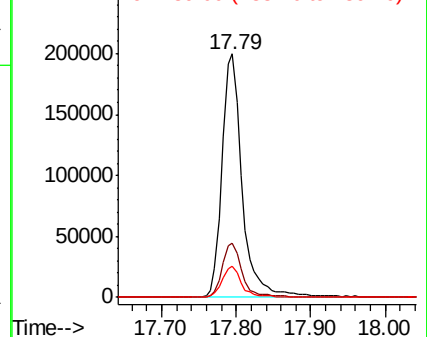
167 100

166 22.0 18.7 28.1

139 12.5 10.0 15.0



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: 43.284 ng

RT: 18.34 min Scan# 2596

Delta R.T. -0.00 min

Lab File: BG043526.D

Acq: 6 Nov 2019 18:52

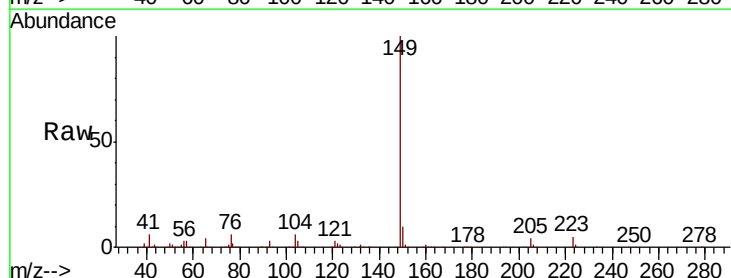
Tgt Ion:149 Resp: 438330

Ion Ratio Lower Upper

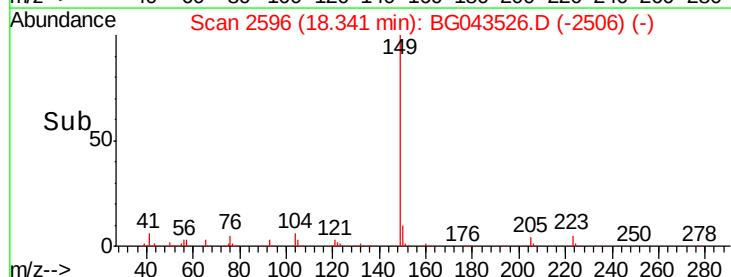
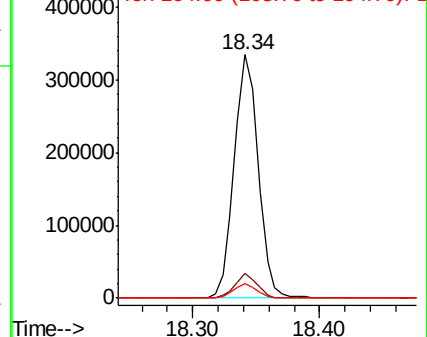
149 100

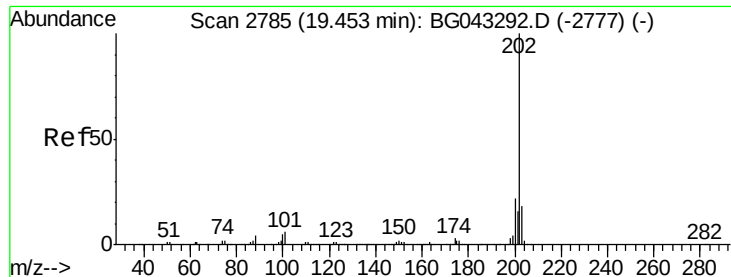
150 9.9 8.0 12.0

104 6.0 4.4 6.6



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: 43.341 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.00 min

Lab File: BG043526.D

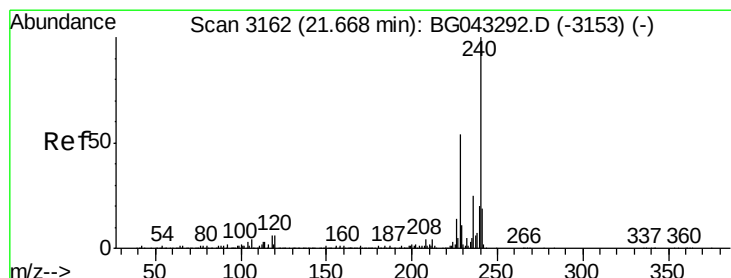
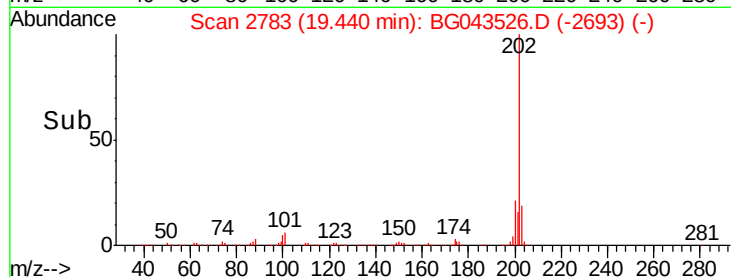
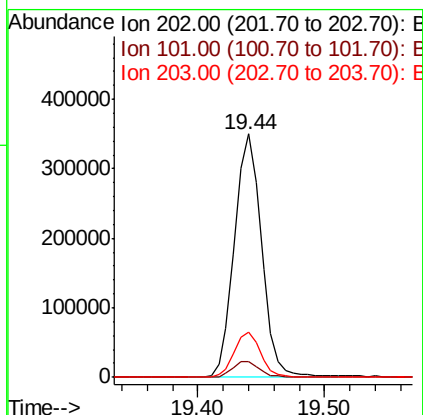
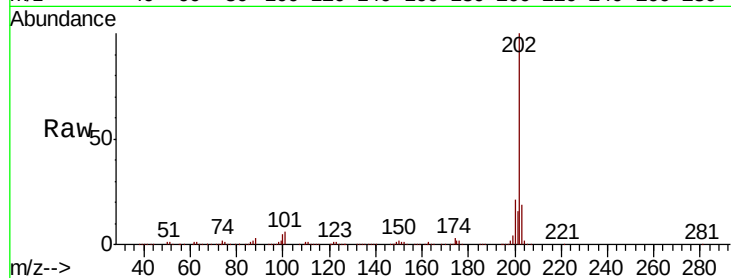
Acq: 6 Nov 2019 18:52

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	520482
Ion Ratio	Lower	Upper	
202	100		
101	6.3	0.0	26.3
203	18.8	0.0	37.9



#76

Chrysene-d12

Concen: 20.000 ng

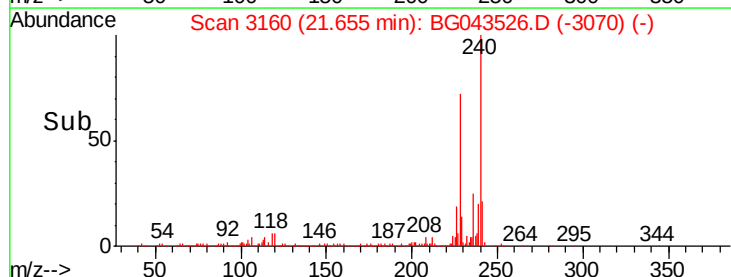
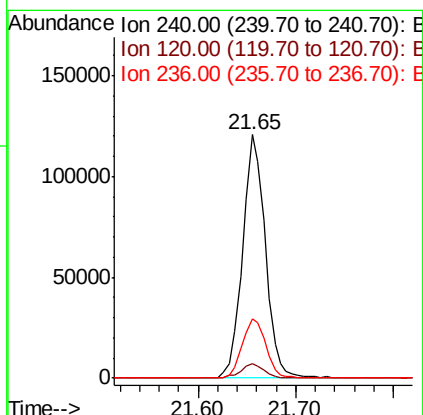
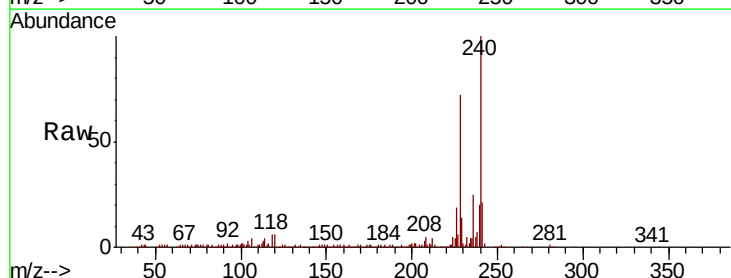
RT: 21.65 min Scan# 3160

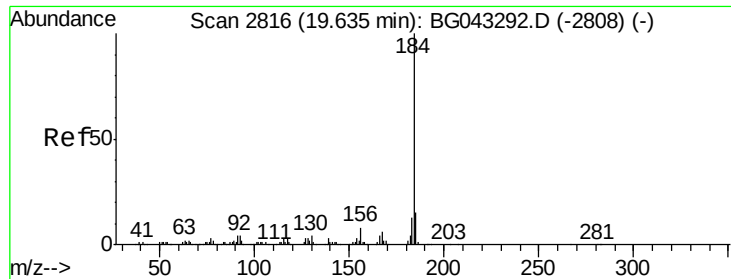
Delta R.T. -0.00 min

Lab File: BG043526.D

Acq: 6 Nov 2019 18:52

Tgt Ion:	240	Resp:	195213
Ion Ratio	Lower	Upper	
240	100		
120	6.1	4.6	6.8
236	24.5	19.8	29.8





#77

Benzidine

Concen: 40.366 ng

RT: 19.62 min Scan# 2814

Delta R.T. -0.00 min

Lab File: BG043526.D

Acq: 6 Nov 2019 18:52

Instrument :

BNA_G

ClientSampled :

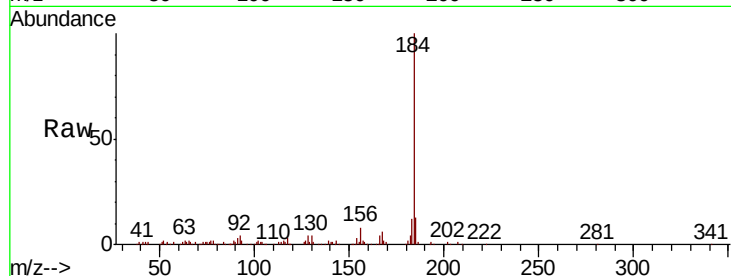
Tot Ion:184 Resp: 158585

Ion Ratio Lower Upper

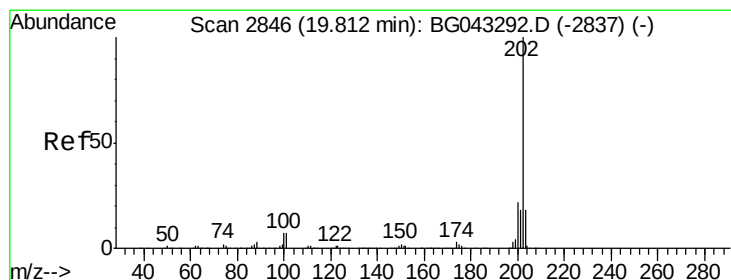
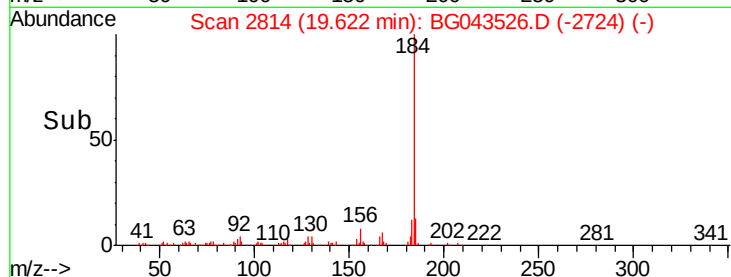
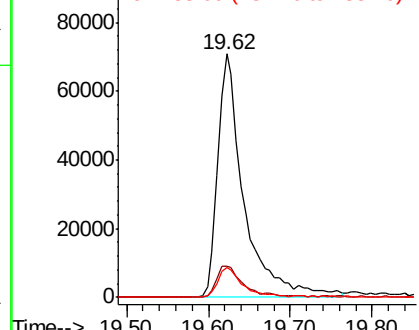
184 100

185 12.7 11.0 16.4

183 12.5 10.0 15.0



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: 43.893 ng

RT: 19.80 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG043526.D

Acq: 6 Nov 2019 18:52

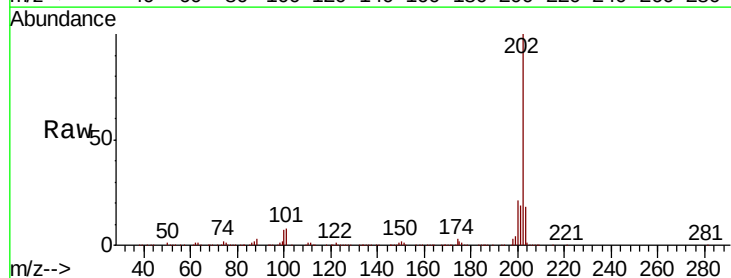
Tgt Ion:202 Resp: 530374

Ion Ratio Lower Upper

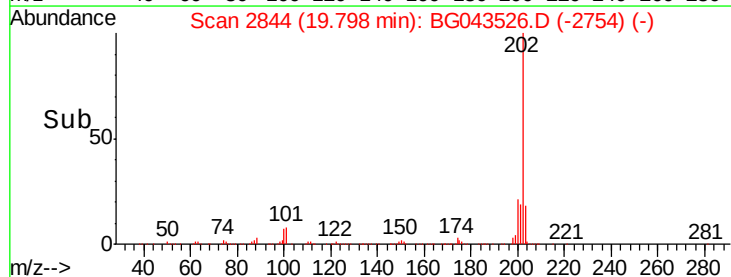
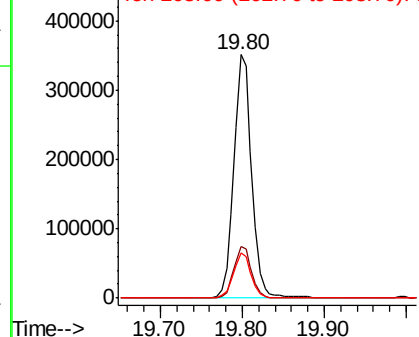
202 100

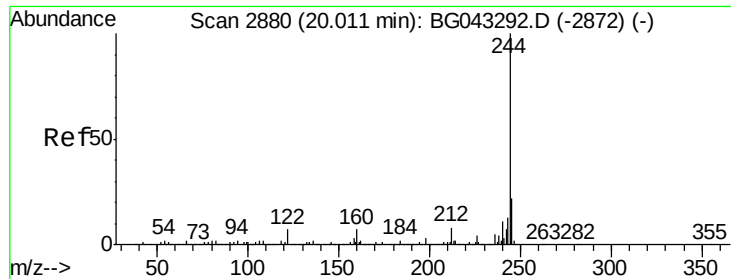
200 21.0 17.0 25.4

203 18.5 14.7 22.1



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

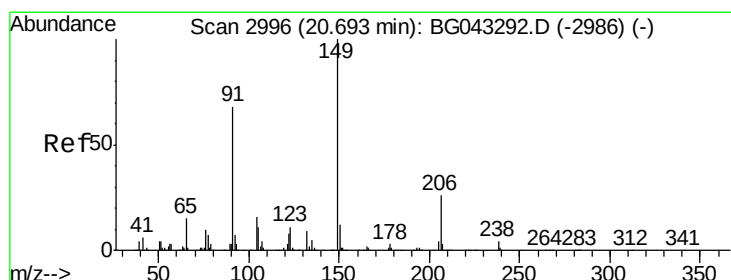
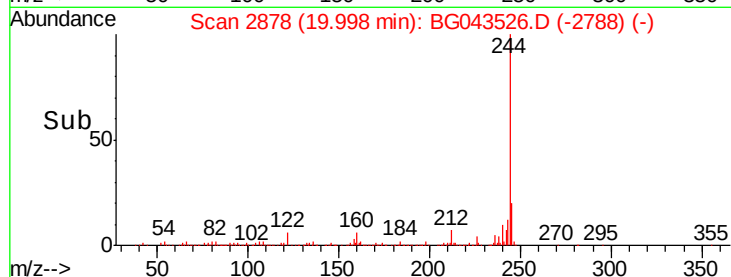
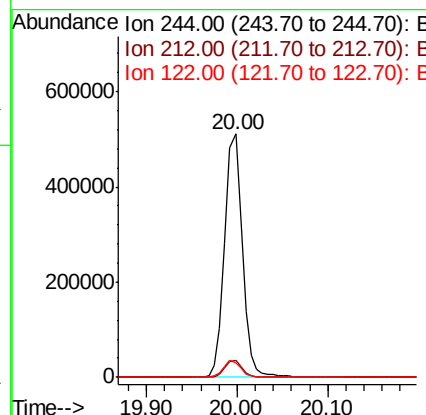
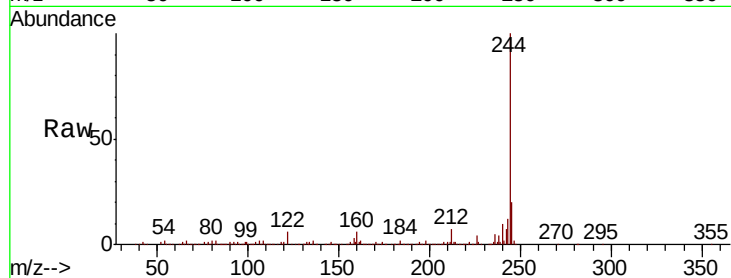




#79
 Terphenyl-d14
 Concen: 67.103 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. -0.00 min
 Lab File: BG043526.D
 Acq: 6 Nov 2019 18:52

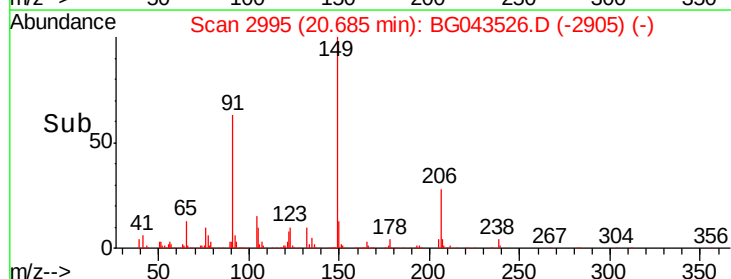
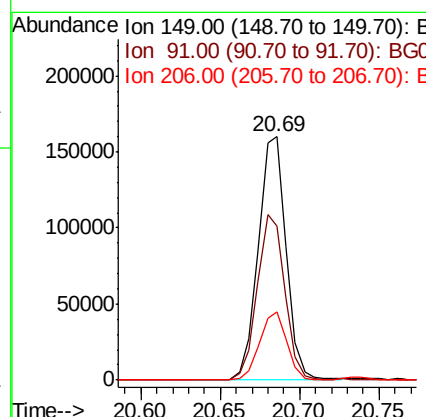
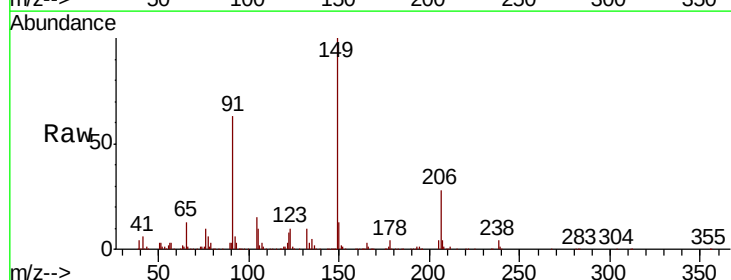
Instrument :
 BNA_G
 ClientSampleId :

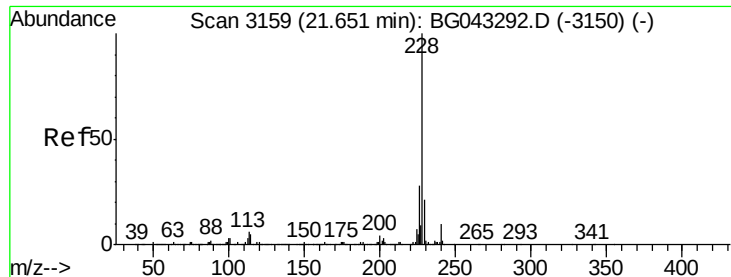
Tot Ion:244 Resp: 698239
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 5.9 5.4 8.2



#80
 Butylbenzylphthalate
 Concen: 42.799 ng
 RT: 20.69 min Scan# 2995
 Delta R.T. -0.00 min
 Lab File: BG043526.D
 Acq: 6 Nov 2019 18:52

Tgt Ion:149 Resp: 195933
 Ion Ratio Lower Upper
 149 100
 91 63.1 51.2 76.8
 206 28.1 22.5 33.7





#81

Benzo(a)anthracene

Concen: 44.318 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG043526.D

Acq: 6 Nov 2019 18:52

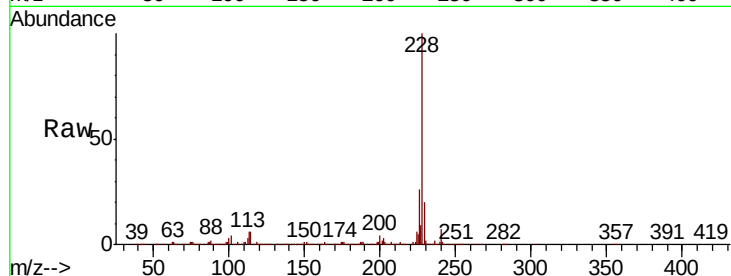
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 541915

Ion	Ratio	Lower	Upper
228	100		
226	26.4	22.2	33.2
229	20.0	17.0	25.4

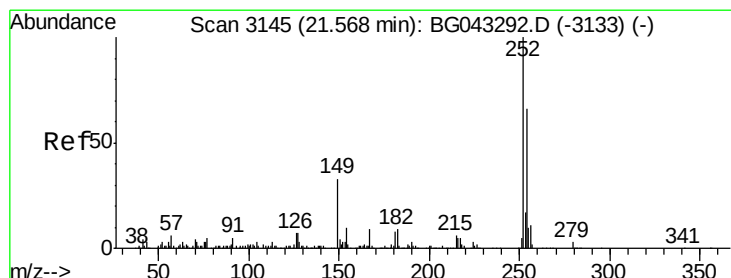
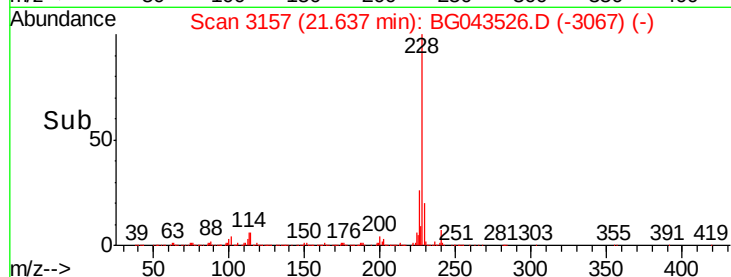
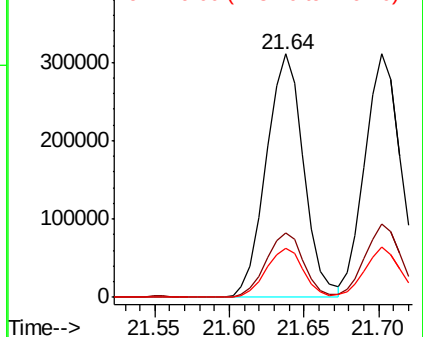


Abundance

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: 33.097 ng

RT: 21.56 min Scan# 3143

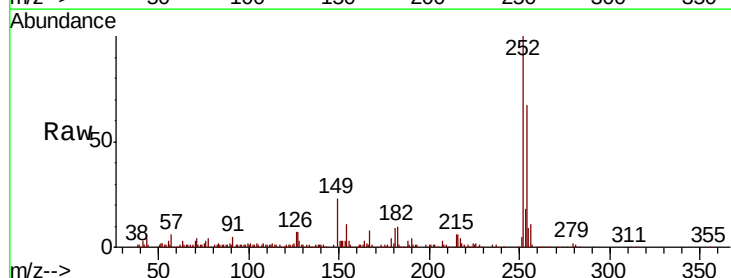
Delta R.T. 0.00 min

Lab File: BG043526.D

Acq: 6 Nov 2019 18:52

Tgt Ion:252 Resp: 156534

Ion	Ratio	Lower	Upper
252	100		
254	66.8	50.8	76.2
126	7.0	6.1	9.1

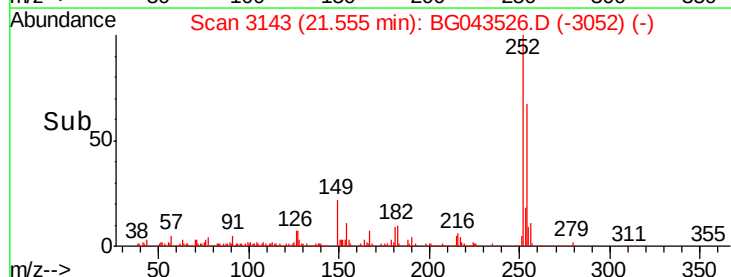
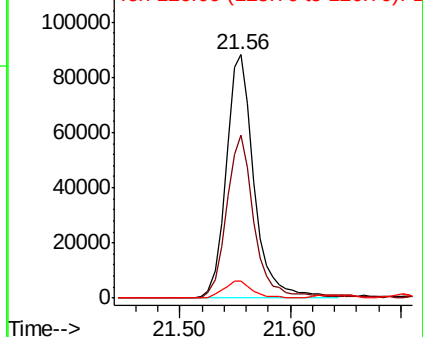


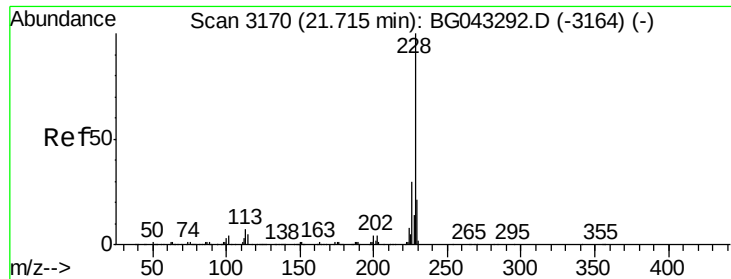
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

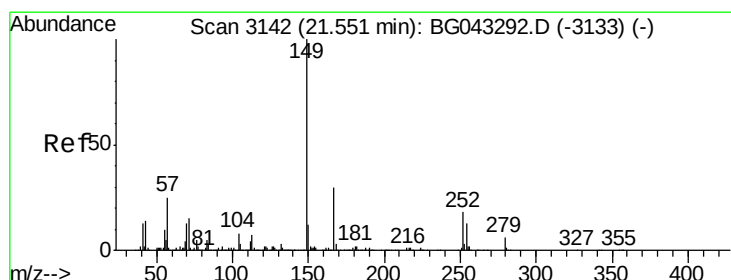
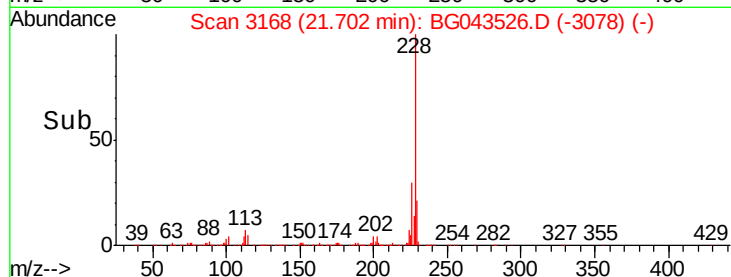
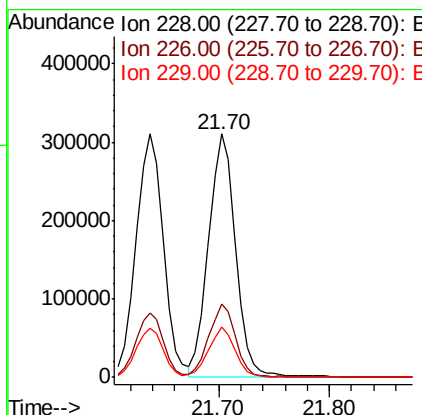
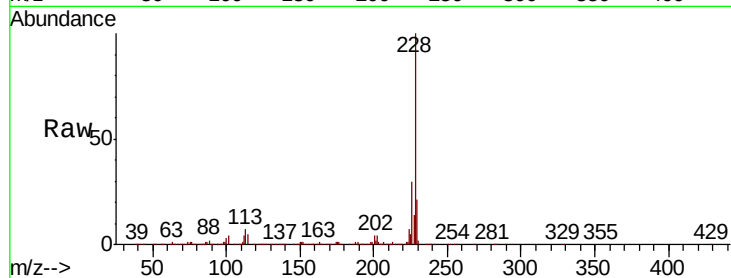




#83
 Chrysene
 Concen: 42.786 ng
 RT: 21.70 min Scan# 3168
 Delta R.T. -0.00 min
 Lab File: BG043526.D
 Acq: 6 Nov 2019 18:52

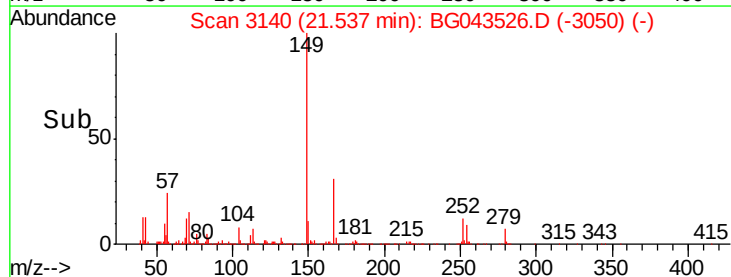
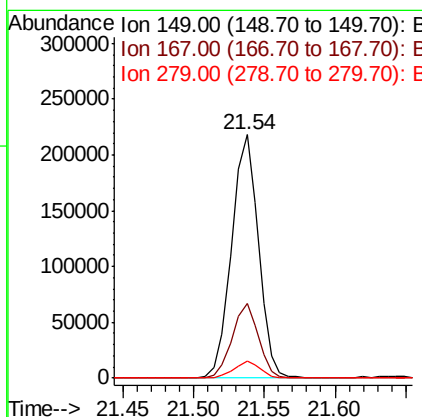
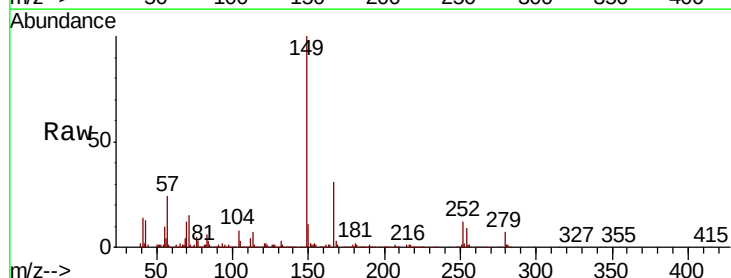
Instrument :
 BNA_G
 ClientSampleId :

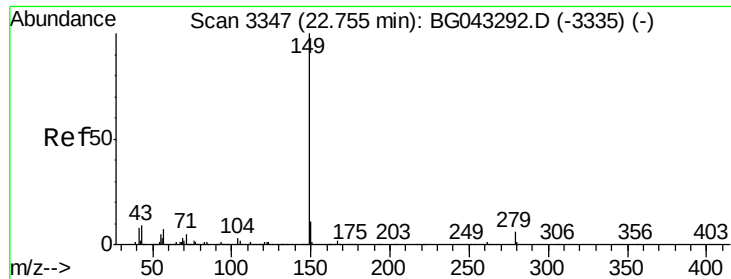
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.1	37.7
229	20.8	17.0	25.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.160 ng
 RT: 21.54 min Scan# 3140
 Delta R.T. -0.00 min
 Lab File: BG043526.D
 Acq: 6 Nov 2019 18:52

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.6	24.0	36.0
279	7.1	5.4	8.2





#85

Di-n-octyl phthalate

Concen: 45.028 ng

RT: 22.74 min Scan# 3344

Delta R.T. -0.00 min

Lab File: BG043526.D

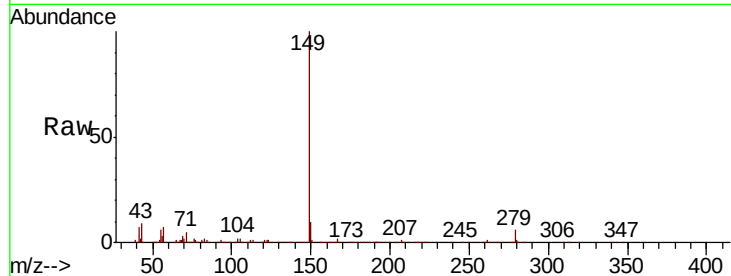
Acq: 6 Nov 2019 18:52

Instrument :

BNA_G

ClientSampleId :

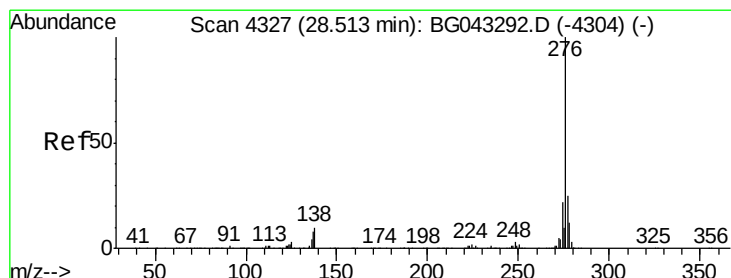
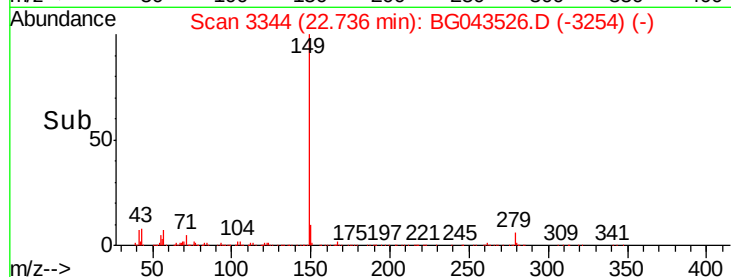
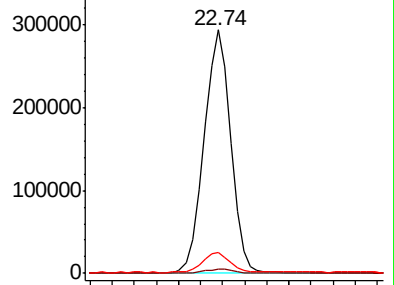
Tot Ion:149	Resp:	496786
Ion Ratio	Lower	Upper
149	100	
167	1.9	1.4 2.2
43	8.7	7.0 10.6



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: 44.758 ng

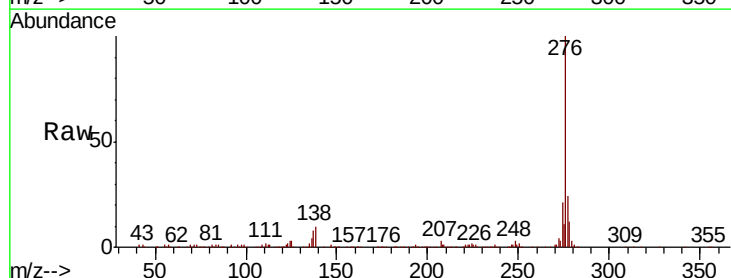
RT: 28.49 min Scan# 4323

Delta R.T. -0.01 min

Lab File: BG043526.D

Acq: 6 Nov 2019 18:52

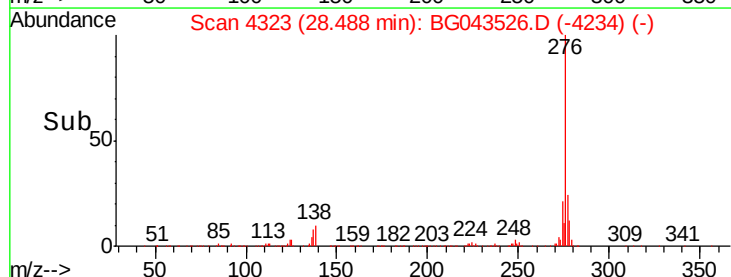
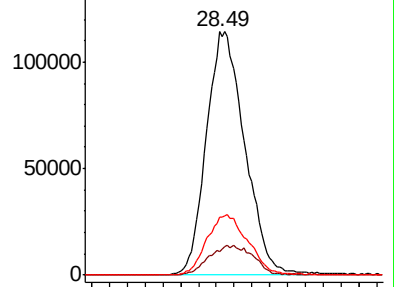
Tgt Ion:276	Resp:	682589
Ion Ratio	Lower	Upper
276	100	
138	14.2	6.8 10.2#
277	26.3	20.9 31.3

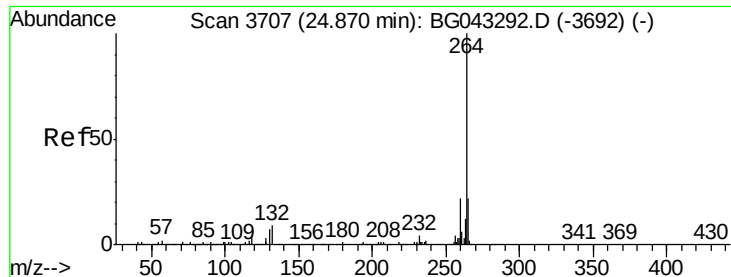


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.85 min Scan# 3704

Delta R.T. -0.00 min

Lab File: BG043526.D

Acq: 6 Nov 2019 18:52

Instrument :

BNA_G

ClientSampleId :

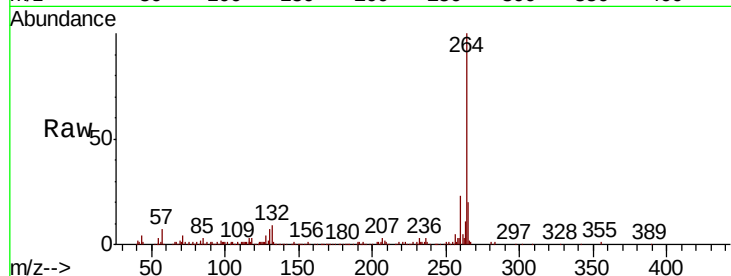
Tot Ion:264 Resp: 227453

Ion Ratio Lower Upper

264 100

260 23.4 17.5 26.3

265 19.6 17.4 26.0

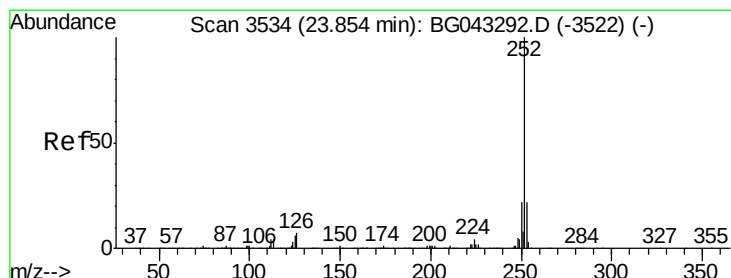
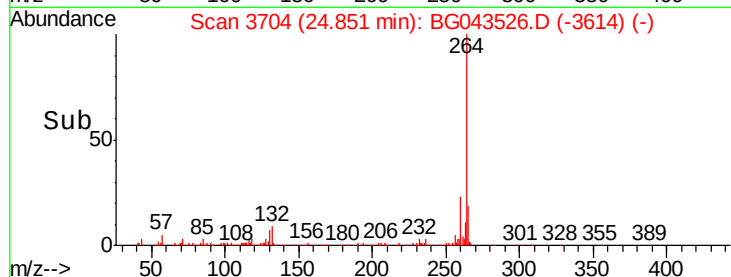
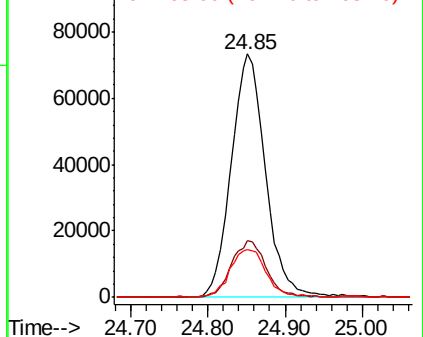


Abundance

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: 43.394 ng

RT: 23.84 min Scan# 3532

Delta R.T. -0.00 min

Lab File: BG043526.D

Acq: 6 Nov 2019 18:52

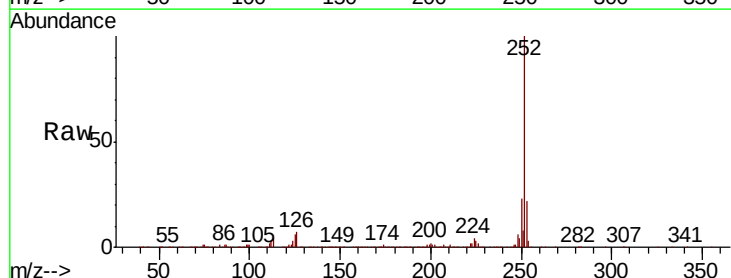
Tgt Ion:252 Resp: 559014

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 5.7 4.5 6.7

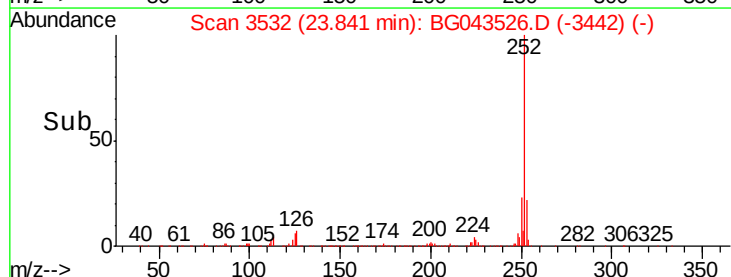
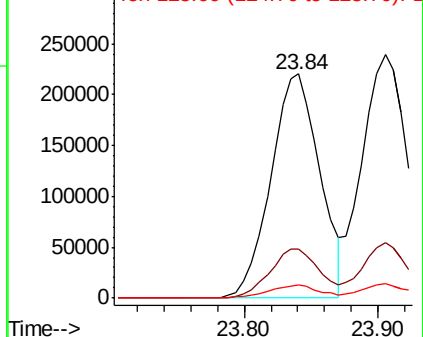


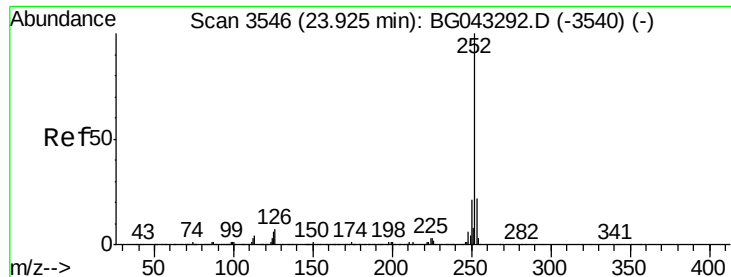
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

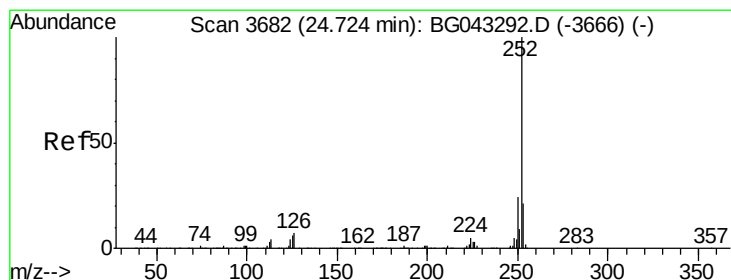
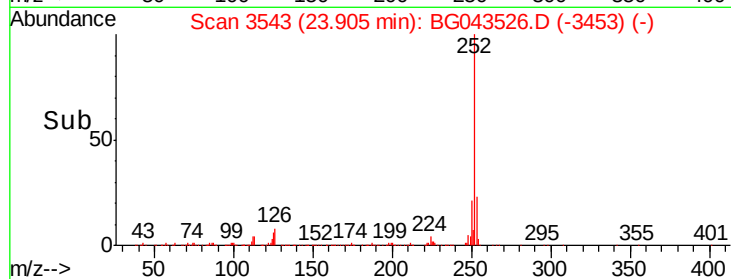
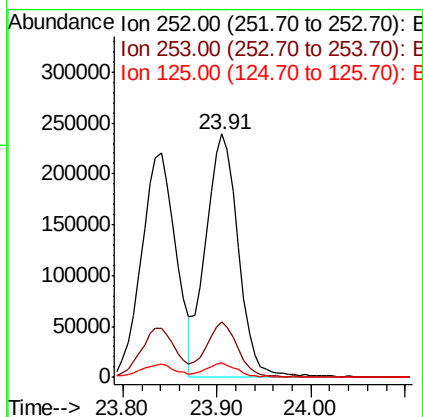
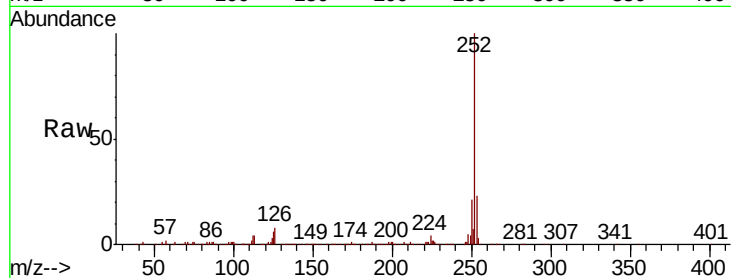




#89
Benzo(k)fluoranthene
Concen: 44.392 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.00 min
Lab File: BG043526.D
Acq: 6 Nov 2019 18:52

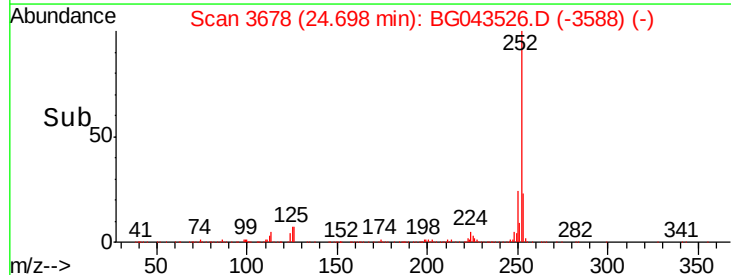
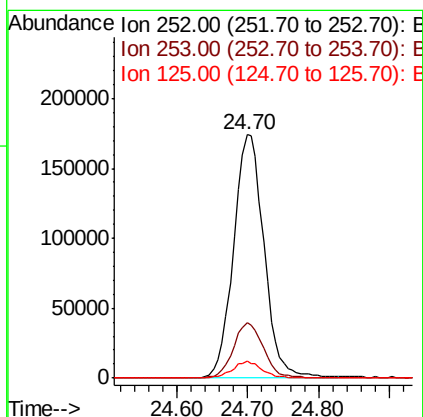
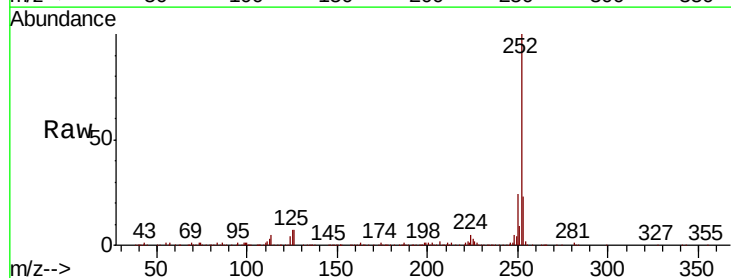
Instrument :
BNA_G
ClientSampleId :

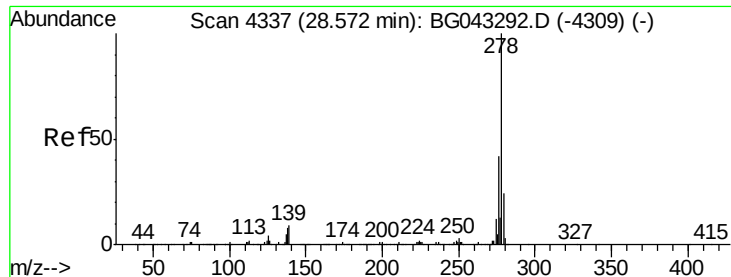
Tot Ion:252 Resp: 575708
Ion Ratio Lower Upper
252 100
253 22.6 17.3 25.9
125 5.8 4.6 6.8



#90
Benzo(a)pyrene
Concen: 42.546 ng
RT: 24.70 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BG043526.D
Acq: 6 Nov 2019 18:52

Tgt Ion:252 Resp: 523381
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 7.0 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 45.860 ng

RT: 28.55 min Scan# 4333

Delta R.T. -0.01 min

Lab File: BG043526.D

Acq: 6 Nov 2019 18:52

Instrument :

BNA_G

ClientSampleId :

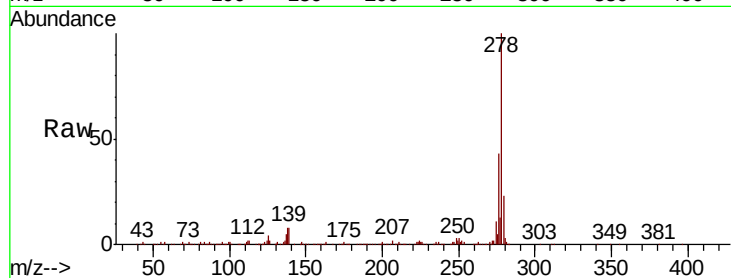
Tot Ion:278 Resp: 577045

Ion Ratio Lower Upper

278 100

139 8.2 7.4 11.0

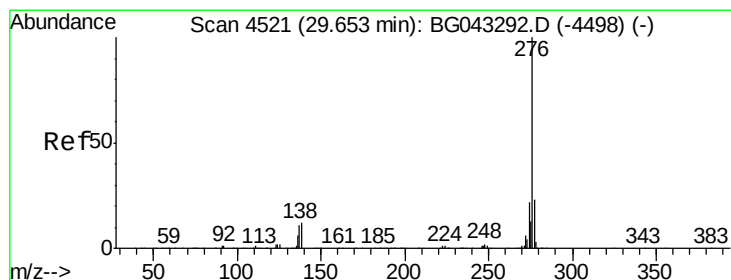
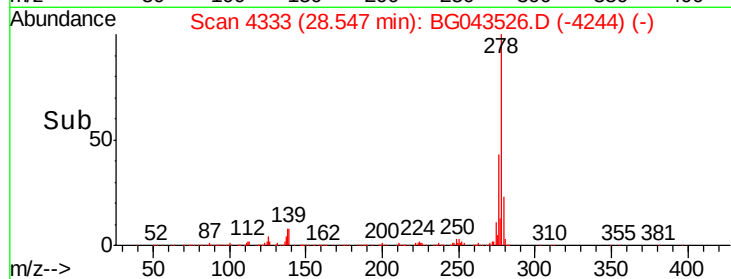
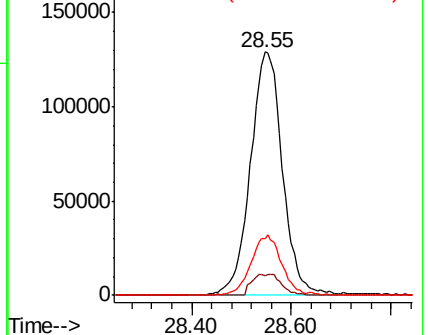
279 23.5 19.1 28.7



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: 46.260 ng

RT: 29.63 min Scan# 4518

Delta R.T. 0.00 min

Lab File: BG043526.D

Acq: 6 Nov 2019 18:52

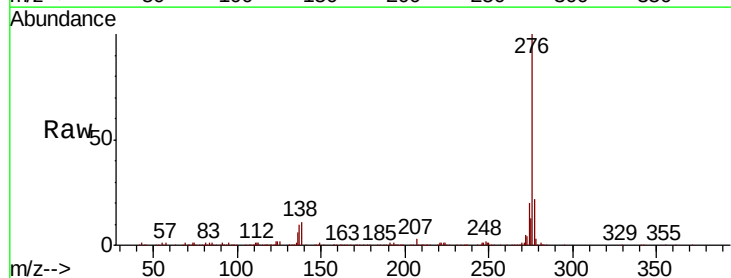
Tgt Ion:276 Resp: 574164

Ion Ratio Lower Upper

276 100

277 22.3 18.9 28.3

138 11.3 8.9 13.3



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

