

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110619\
 Data File : BG043521.D
 Acq On : 6 Nov 2019 15:39
 Operator : JU
 Sample : PB124447BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 06 17:36:39 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	30789	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	127314	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	94512	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	221387	20.00	ng	0.00
76) Chrysene-d12	21.66	240	253481	20.00	ng	0.00
87) Perylene-d12	24.86	264	231702	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	225540	134.23	ng	0.00
7) Phenol-d6	7.20	99	296015	122.45	ng	0.00
23) Nitrobenzene-d5	9.17	82	151869	61.50	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	187868	104.45	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	416567	60.90	ng	0.00
79) Terphenyl-d14	20.00	244	831858	61.57	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.47	88	24970	38.136	ng	98
3) Pyridine	3.87	79	59274	35.887	ng	93
4) n-Nitrosodimethylamine	3.79	42	35077	42.087	ng	94
6) Aniline	7.34	93	79444	28.528	ng	99
8) 2-Chlorophenol	7.58	128	89750	48.389	ng	98
9) Benzaldehyde	7.15	77	25399	21.379	ng	# 81
10) Phenol	7.22	94	107195	48.526	ng	96
11) bis(2-Chloroethyl)ether	7.43	93	73697	43.151	ng	93
12) 1,3-Dichlorobenzene	7.90	146	95418	41.060	ng	96
13) 1,4-Dichlorobenzene	8.05	146	96819	41.179	ng	95
14) 1,2-Dichlorobenzene	8.36	146	94539	41.181	ng	95
15) Benzyl Alcohol	8.26	79	75813	44.655	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.53	45	98217	39.549	ng	97
17) 2-Methylphenol	8.47	107	75943	47.158	ng	97
18) Hexachloroethane	9.09	117	34642	40.838	ng	98
19) n-Nitroso-di-n-propylamine	8.82	70	63437	40.610	ng	96
20) 3+4-Methylphenols	8.80	107	100211	45.380	ng	96
22) Acetophenone	8.83	105	127581	39.131	ng	# 96
24) Nitrobenzene	9.22	77	97077	41.266	ng	# 94
25) Isophorone	9.73	82	182889	40.508	ng	97
26) 2-Nitrophenol	9.93	139	50844	44.767	ng	# 93
27) 2,4-Dimethylphenol	10.00	122	81054	49.793	ng	93
28) bis(2-Chloroethoxy)methane	10.22	93	99918	40.098	ng	99
29) 2,4-Dichlorophenol	10.48	162	92437	44.320	ng	95
30) 1,2,4-Trichlorobenzene	10.68	180	105201	40.020	ng	99
31) Naphthalene	10.87	128	268881	41.607	ng	99
32) Benzoic acid	10.16	122	35047	31.930	ng	90
33) 4-Chloroaniline	10.98	127	67234	25.381	ng	96
34) Hexachlorobutadiene	11.15	225	73578	37.864	ng	95
35) Caprolactam	11.75	113	17426	24.260	ng	98
36) 4-Chloro-3-methylphenol	12.12	107	98051	43.099	ng	95
37) 2-Methylnaphthalene	12.47	142	208678	42.085	ng	98
38) 1-Methylnaphthalene	12.69	142	195355	41.407	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	129307	36.969	ng	98

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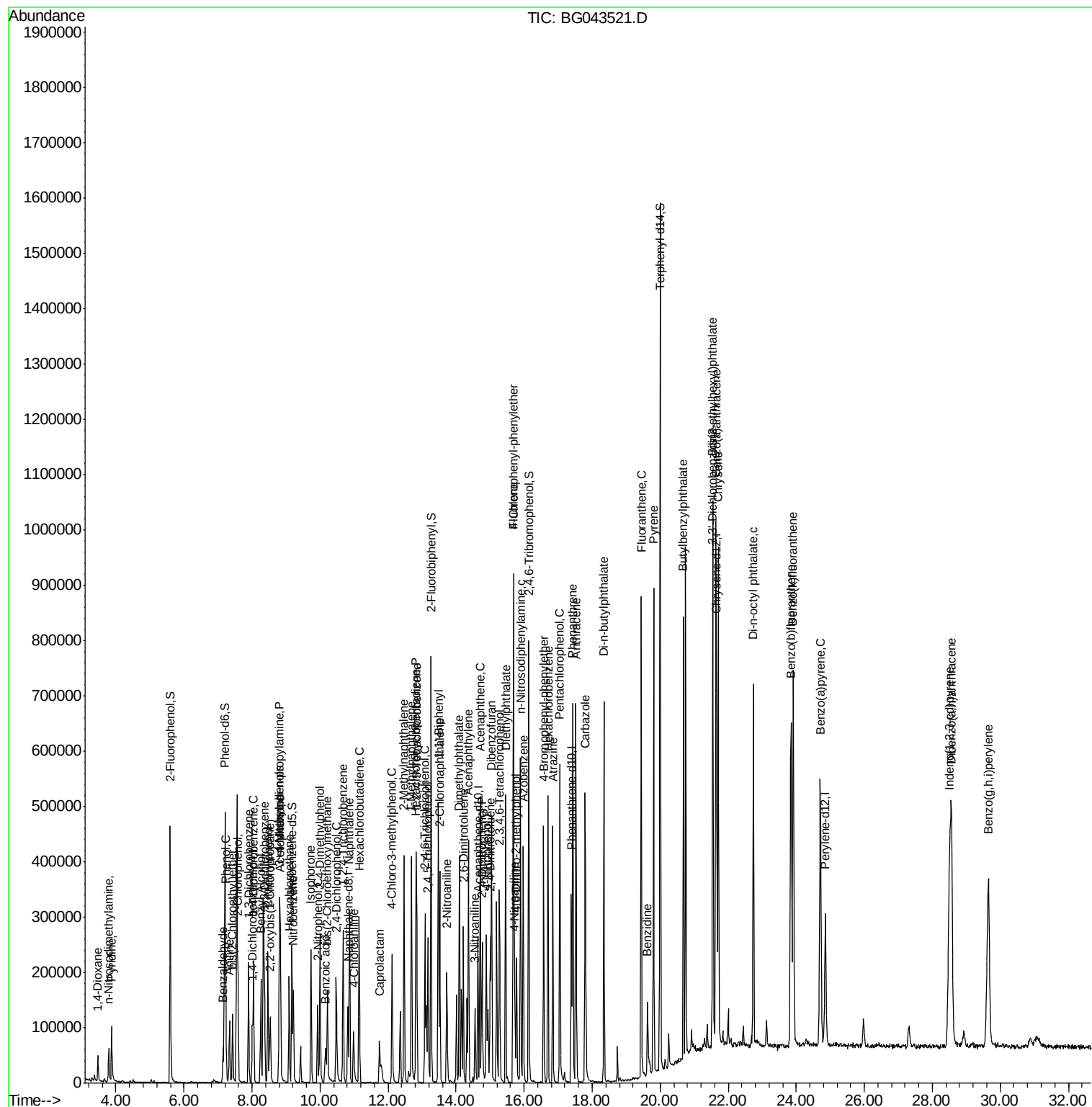
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	98419	53.565	nq	99
43) 2,4,6-Trichlorophenol	13.08	196	83305	40.442	nq	99
44) 2,4,5-Trichlorophenol	13.17	196	88575	42.533	nq	94
46) 1,1'-Biphenyl	13.47	154	276629	38.474	nq	98
47) 2-Chloronaphthalene	13.52	162	213229	38.977	nq	99
48) 2-Nitroaniline	13.72	65	63525	38.852	nq	96
49) Acenaphthylene	14.36	152	346349	40.679	nq	99
50) Dimethylphthalate	14.10	163	282083	38.533	nq	98
51) 2,6-Dinitrotoluene	14.22	165	65198	40.995	nq	96
52) Acenaphthene	14.71	154	205833	39.642	nq	98
53) 3-Nitroaniline	14.56	138	45447	29.598	nq	91
54) 2,4-Dinitrophenol	14.76	184	77700	78.399	nq	96
55) Dibenzofuran	15.04	168	338461	40.197	nq	97
56) 4-Nitrophenol	14.89	139	93263	90.637	nq	89
57) 2,4-Dinitrotoluene	15.01	165	93852	41.293	nq	99
58) Fluorene	15.69	166	280803	39.762	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	87010	39.326	nq	95
60) Diethylphthalate	15.46	149	287287	39.057	nq	97
61) 4-Chlorophenyl-phenylether	15.68	204	158311	38.426	nq	98
62) 4-Nitroaniline	15.72	138	64635	40.759	nq	95
63) Azobenzene	15.97	77	234135	39.330	nq	96
65) 4,6-Dinitro-2-methylphenol	15.78	198	59097	45.359	nq	95
66) n-Nitrosodiphenylamine	15.90	169	251106	40.175	nq	96
67) 4-Bromophenyl-phenylether	16.57	248	113858	38.215	nq	97
68) Hexachlorobenzene	16.70	284	125084	36.575	nq	98
69) Atrazine	16.85	200	105597	48.621	nq	96
70) Pentachlorophenol	17.05	266	132720	85.167	nq	98
71) Phenanthrene	17.43	178	454617	40.101	nq	99
72) Anthracene	17.52	178	466835	41.158	nq	98
73) Carbazole	17.79	167	437233	42.568	nq	99
74) Di-n-butylphthalate	18.35	149	512284	41.104	nq	98
75) Fluoranthene	19.44	202	608893	41.198	nq	99
77) Benzidine	19.63	184	128986	25.285	nq	99
78) Pyrene	19.80	202	617917	39.382	nq	100
80) Butylbenzylphthalate	20.68	149	231613	38.963	nq	97
81) Benzo(a)anthracene	21.64	228	640940	40.367	nq	98
82) 3,3'-Dichlorobenzidine	21.55	252	212098	34.537	nq	97
83) Chrysene	21.71	228	631038	40.000	nq	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	345020	40.859	nq	99
85) Di-n-octyl phthalate	22.73	149	590656	41.230	nq	100
86) Indeno(1,2,3-cd)pyrene	28.51	276	817879	41.301	nq	# 98
88) Benzo(b)fluoranthene	23.85	252	669165	50.992	nq	98
89) Benzo(k)fluoranthene	23.91	252	694190	52.547	nq	97
90) Benzo(a)pyrene	24.71	252	625406	49.907	nq	99
91) Dibenzo(a,h)anthracene	28.57	278	698274	54.477	nq	99
92) Benzo(g,h,i)perylene	29.65	276	692279	54.754	nq	99

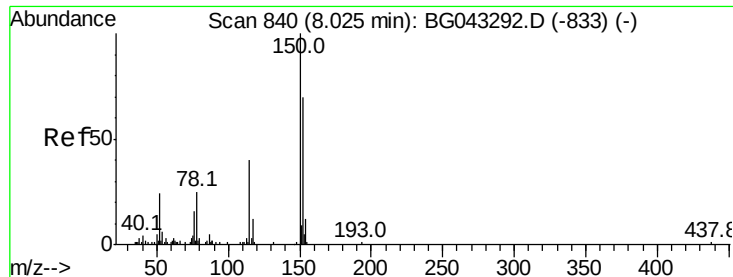
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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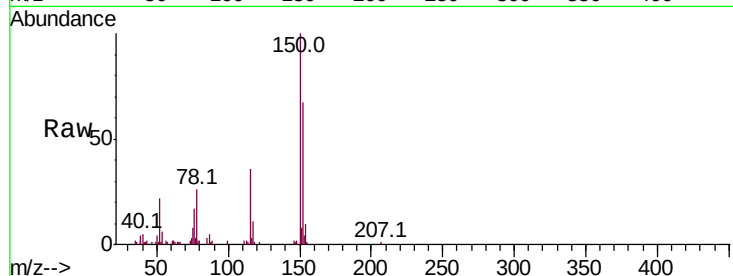


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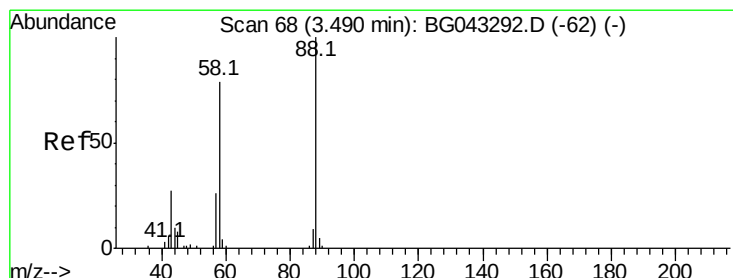
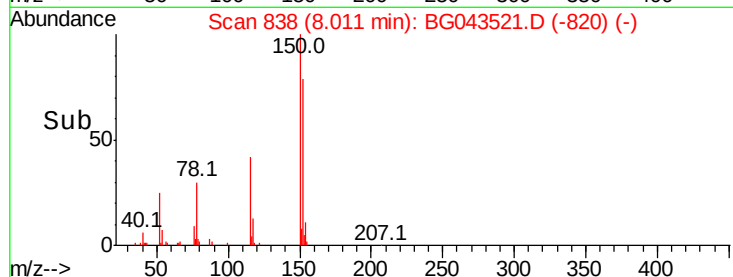
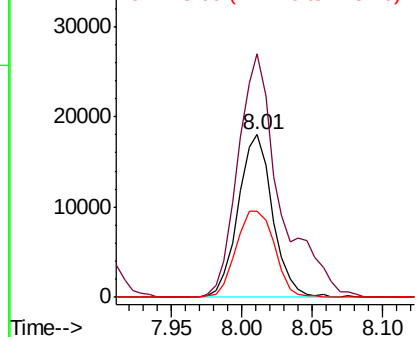
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 30789
Ion Ratio Lower Upper
152 100
150 149.6 129.4 194.0
115 53.3 48.8 73.2



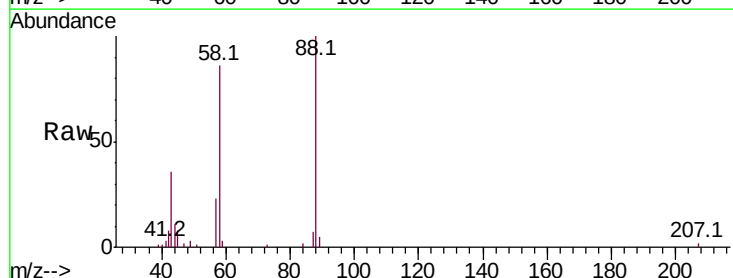
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



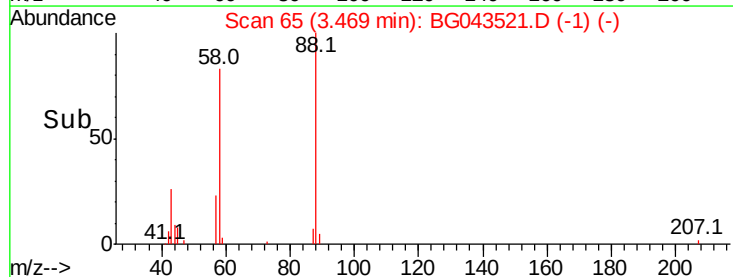
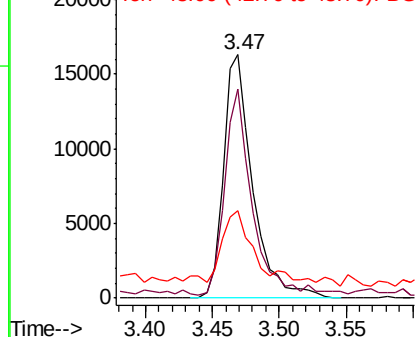
#2

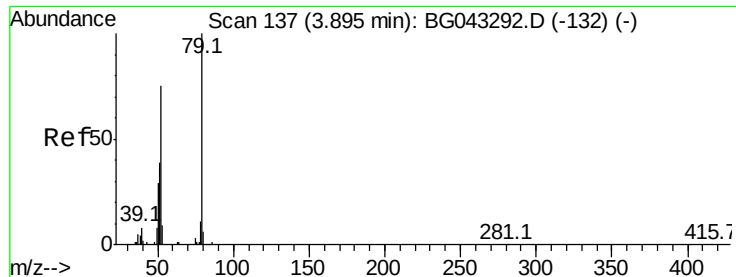
1,4-Dioxane
Concen: 38.136 ng
RT: 3.47 min Scan# 65
Delta R.T. -0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Tgt Ion: 88 Resp: 24970
Ion Ratio Lower Upper
88 100
58 79.9 62.7 94.1
43 30.7 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: 35.887 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Instrument :

BNA_G

ClientSampleId :

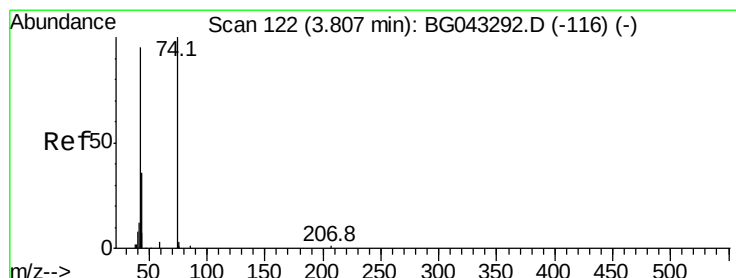
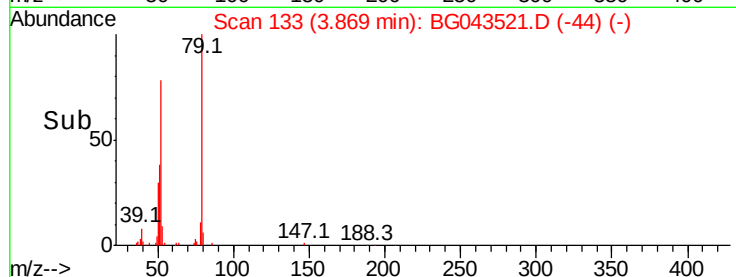
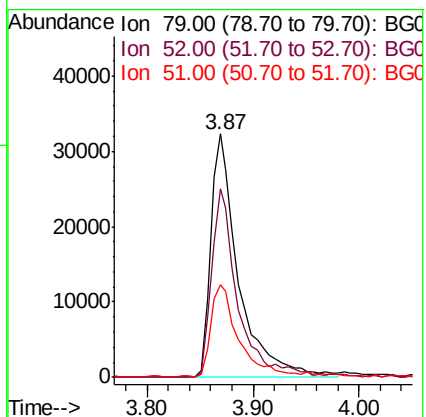
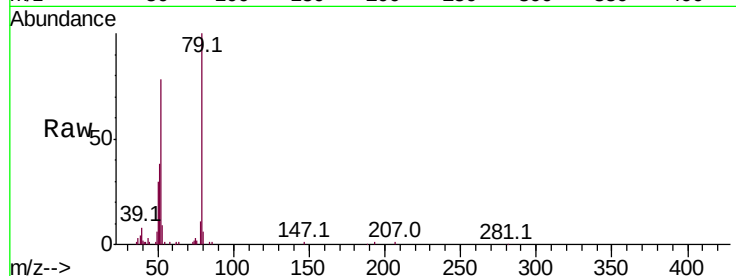
Tot Ion: 79 Resp: 59274

Ion Ratio Lower Upper

79 100

52 77.7 56.5 84.7

51 38.1 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 42.087 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

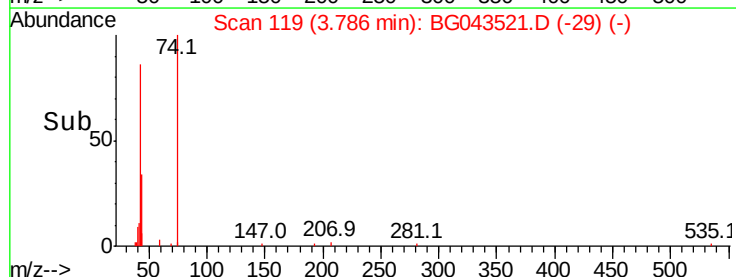
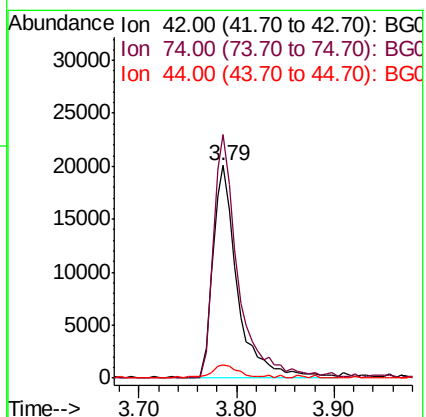
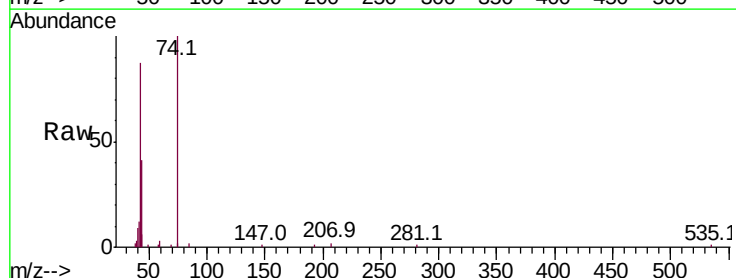
Tgt Ion: 42 Resp: 35077

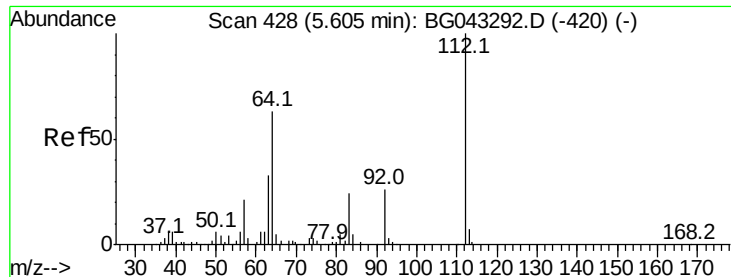
Ion Ratio Lower Upper

42 100

74 114.5 97.3 145.9

44 6.4 4.4 6.6





#5

2-Fluorophenol

Concen: 134.233 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.00 min

Lab File: BG043521.D

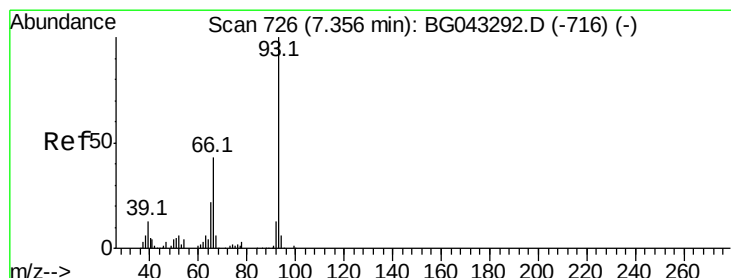
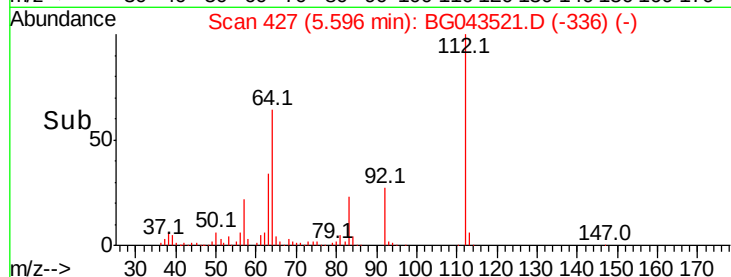
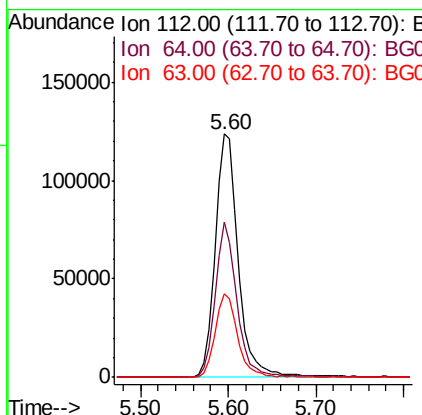
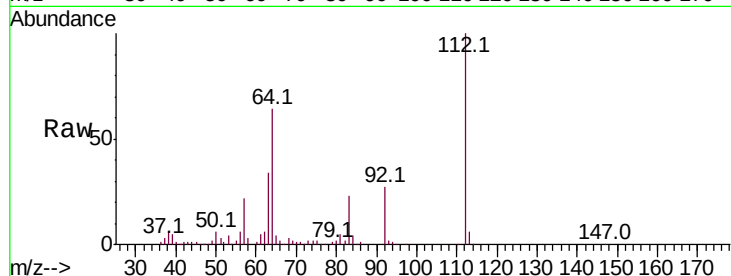
Acq: 6 Nov 2019 15:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	112	Resp:	22540
Ion	Ratio	Lower	Upper
112	100		
64	63.6	50.0	75.0
63	34.5	26.6	40.0



#6

Aniline

Concen: 28.528 ng

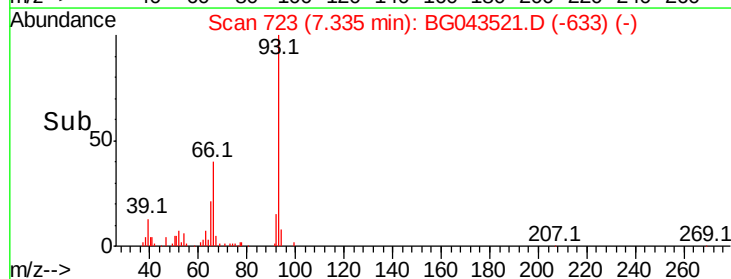
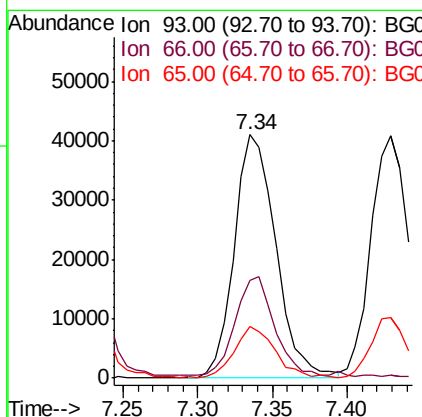
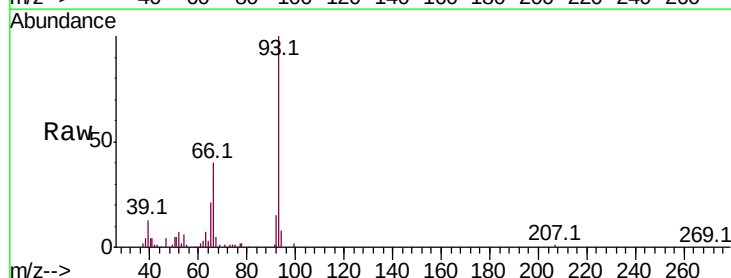
RT: 7.34 min Scan# 723

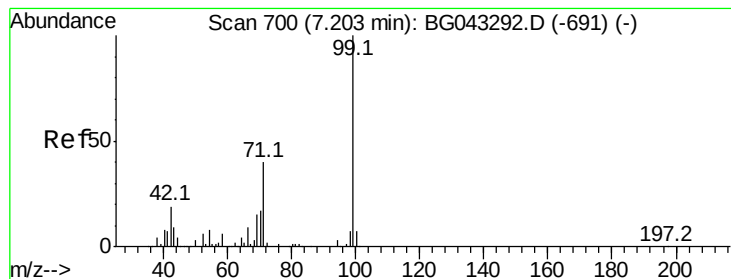
Delta R.T. -0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Tgt Ion:	93	Resp:	79444
Ion	Ratio	Lower	Upper
93	100		
66	40.1	32.3	48.5
65	21.1	16.1	24.1





#7

Phenol-d6

Concen: 122.450 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Instrument :

BNA_G

ClientSampleId :

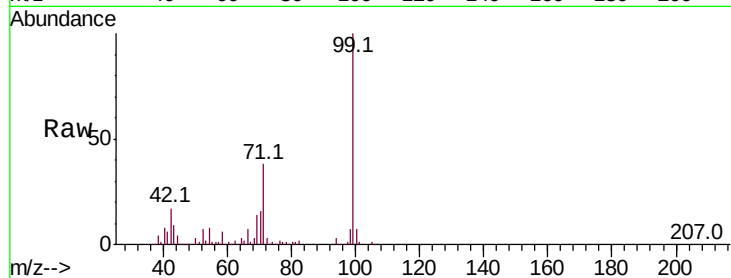
Tot Ion: 99 Resp: 296015

Ion Ratio Lower Upper

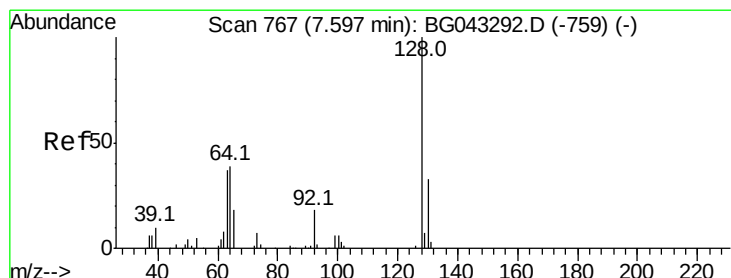
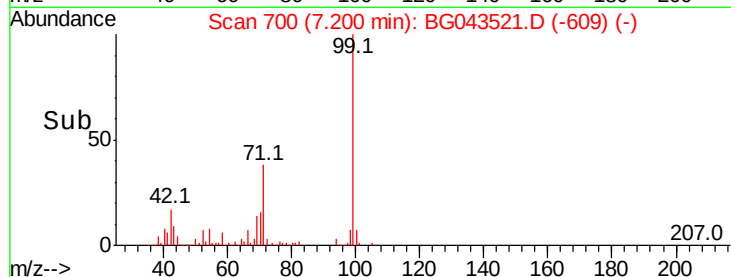
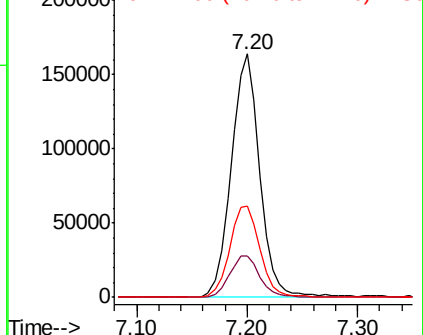
99 100

42 17.0 14.6 21.8

71 37.6 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: 48.389 ng

RT: 7.58 min Scan# 765

Delta R.T. -0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

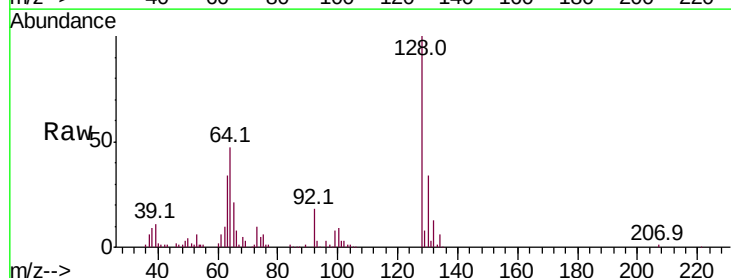
Tgt Ion: 128 Resp: 89750

Ion Ratio Lower Upper

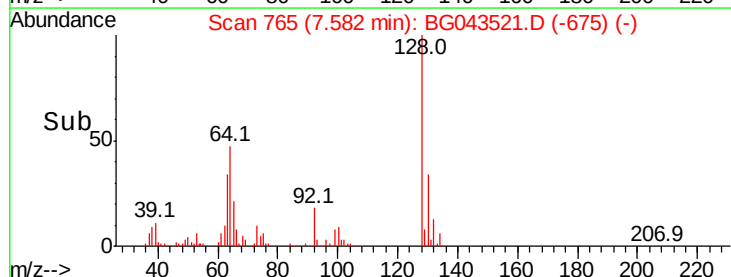
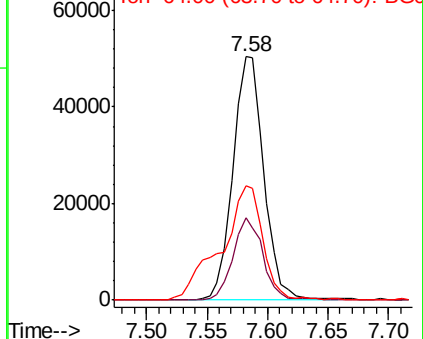
128 100

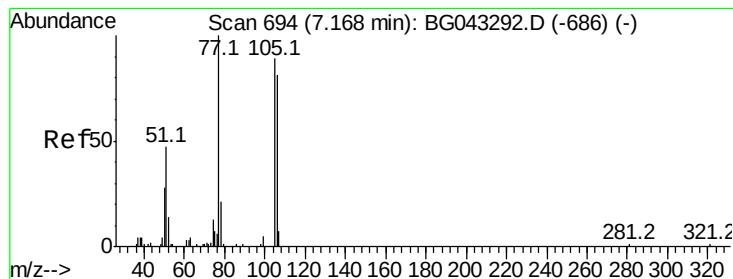
130 33.8 12.5 52.5

64 46.9 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: 21.379 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

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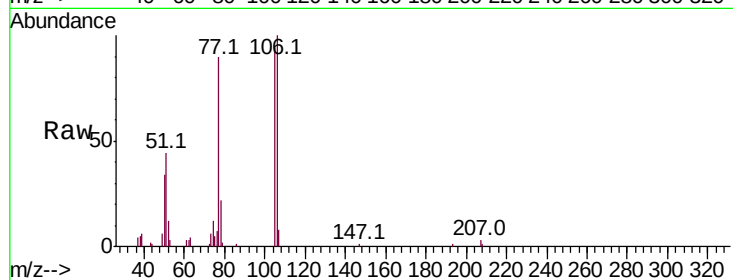
Tot Ion: 77 Resp: 25399

Ion Ratio Lower Upper

77 100

105 103.7 68.6 108.6

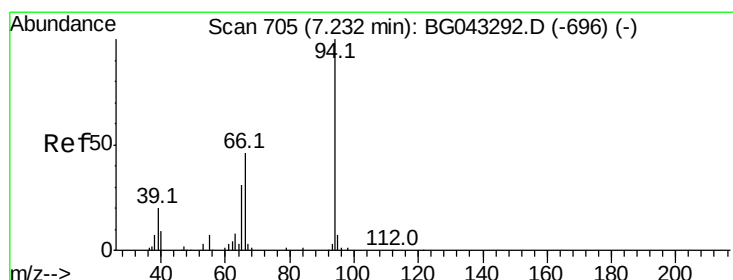
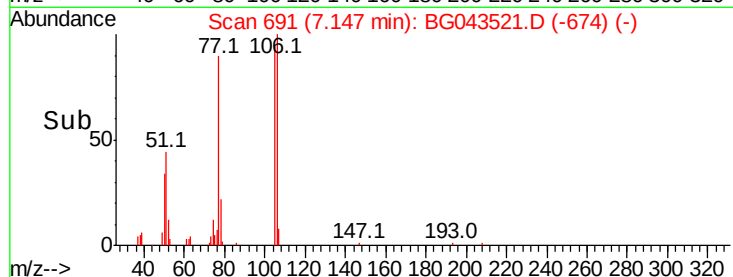
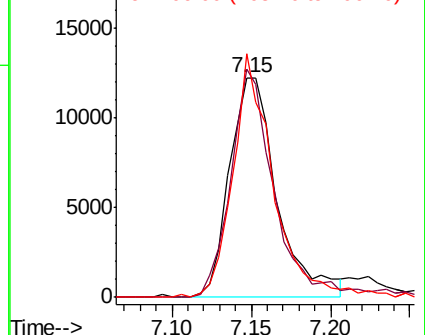
106 110.8 69.9 109.9#



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: 48.526 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

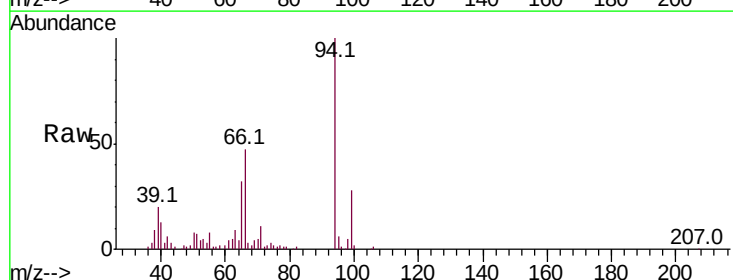
Tgt Ion: 94 Resp: 107195

Ion Ratio Lower Upper

94 100

65 31.5 12.6 52.6

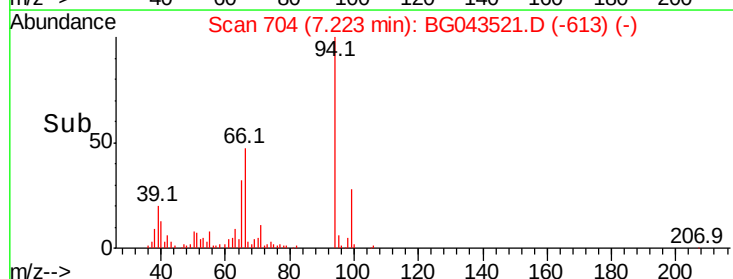
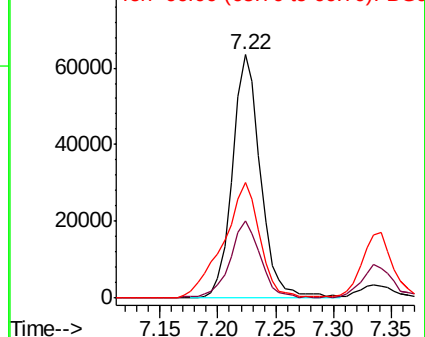
66 47.3 30.7 70.7

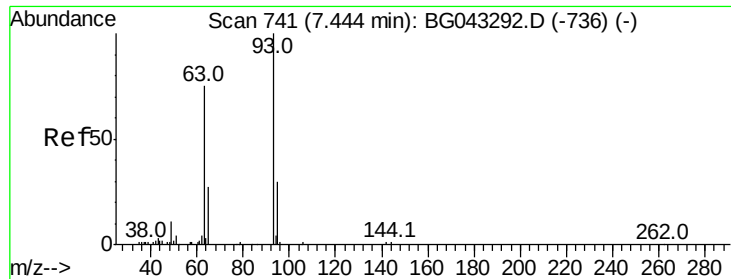


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

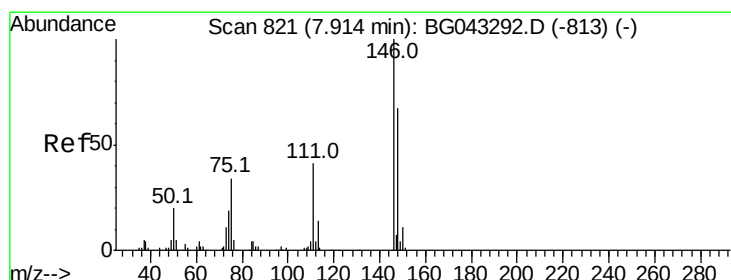
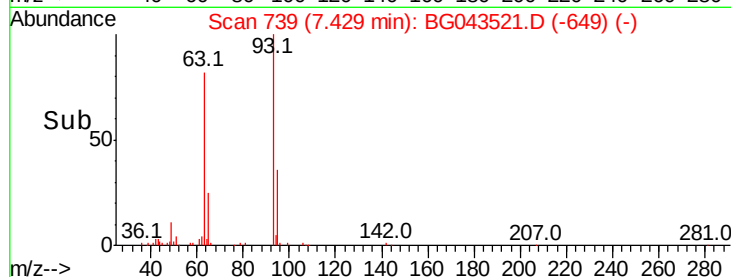
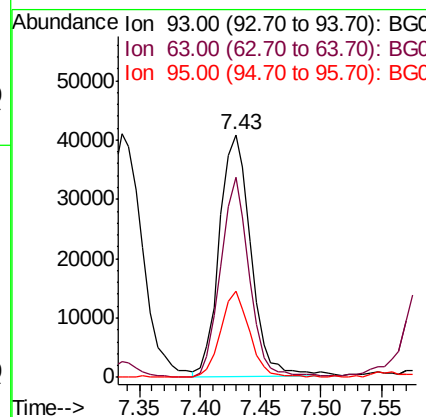
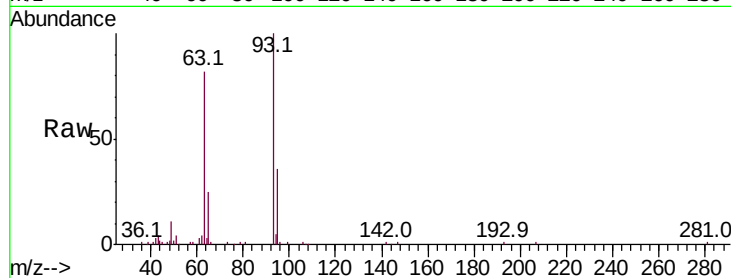




#11
bis(2-Chloroethyl)ether
Concen: 43.151 ng
RT: 7.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

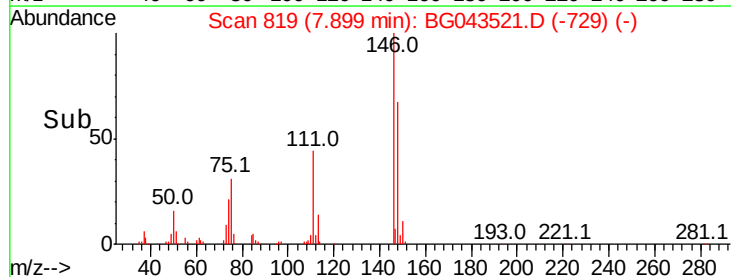
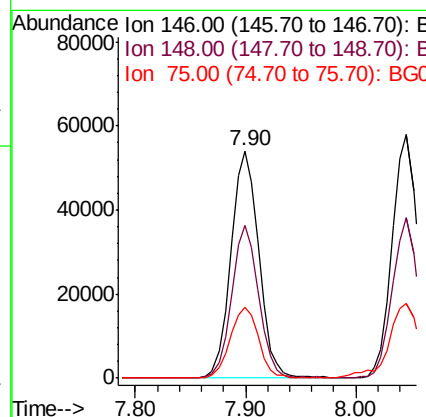
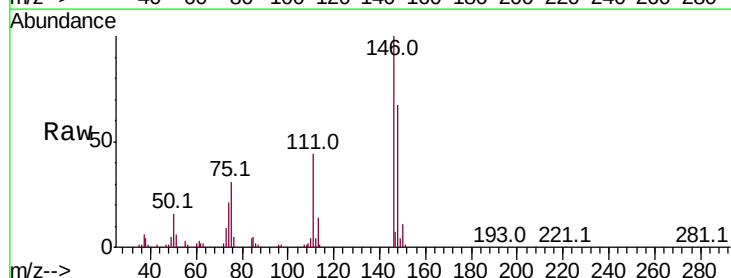
Instrument :
BNA_G
ClientSampleId :

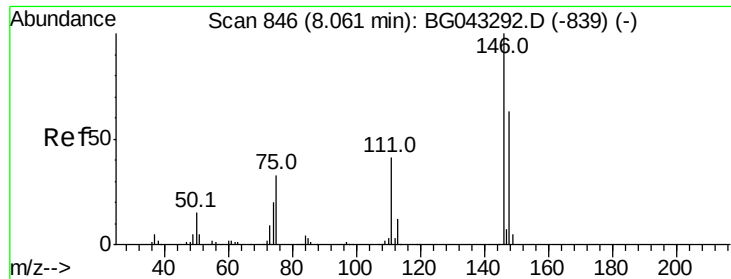
Tot Ion: 93 Resp: 73697
Ion Ratio Lower Upper
93 100
63 82.3 56.3 96.3
95 35.5 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 41.060 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Tgt Ion: 146 Resp: 95418
Ion Ratio Lower Upper
146 100
148 67.1 50.3 75.5
75 31.1 24.6 37.0

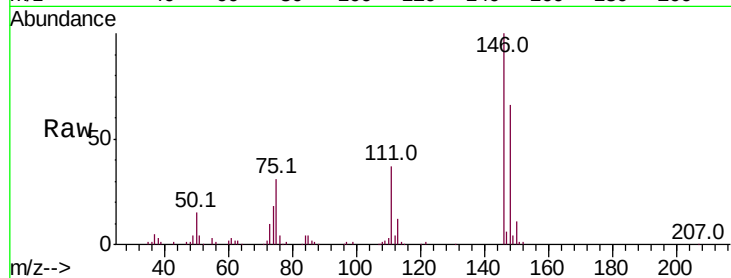




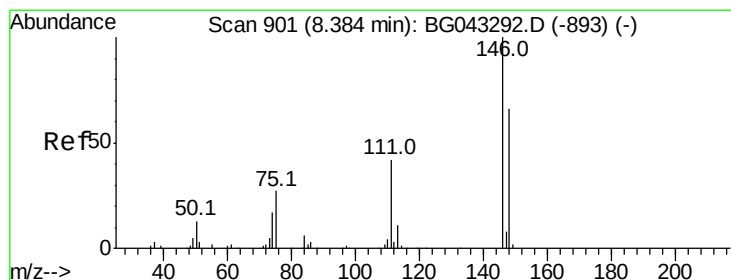
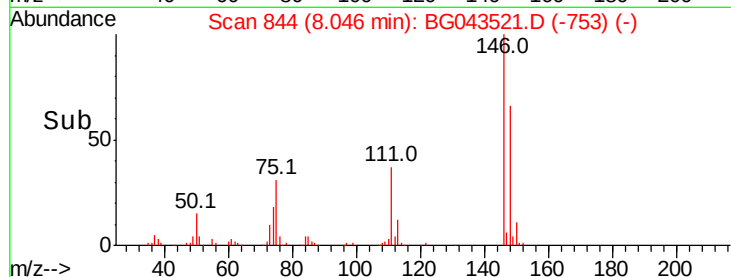
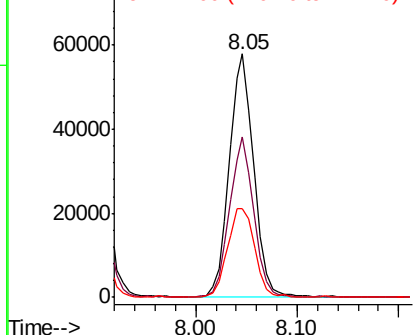
#13
1,4-Dichlorobenzene
Concen: 41.179 ng
RT: 8.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:146 Resp: 96819
Ion Ratio Lower Upper
146 100
148 65.9 50.7 76.1
111 36.5 33.4 50.2

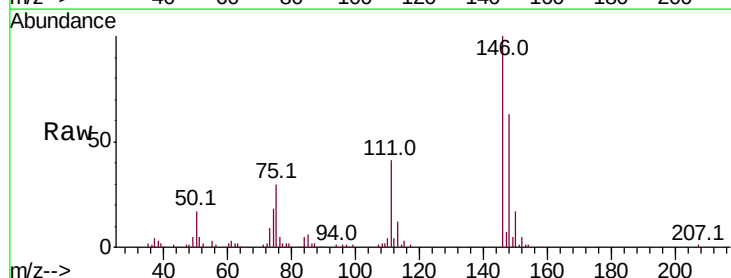


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

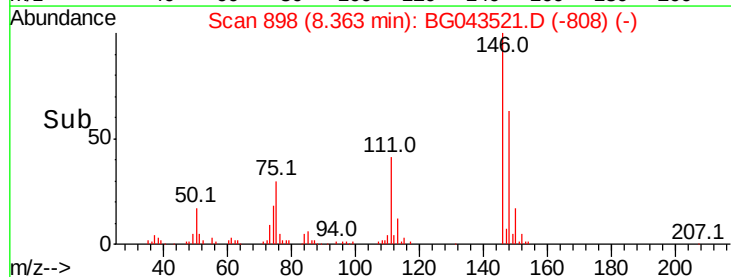
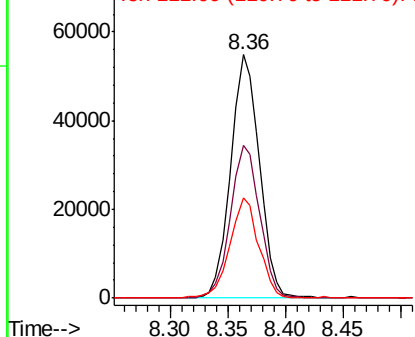


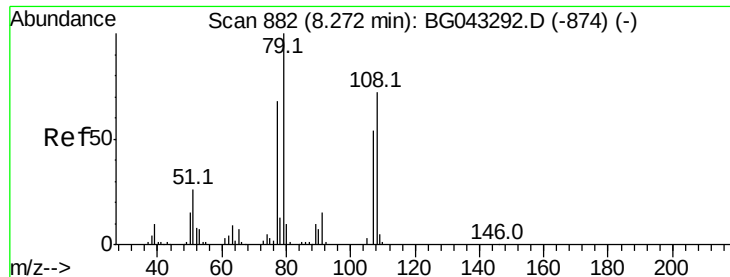
#14
1,2-Dichlorobenzene
Concen: 41.181 ng
RT: 8.36 min Scan# 898
Delta R.T. -0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Tgt Ion:146 Resp: 94539
Ion Ratio Lower Upper
146 100
148 62.5 53.2 79.8
111 41.3 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: 44.655 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Instrument :

BNA_G

ClientSampleId :

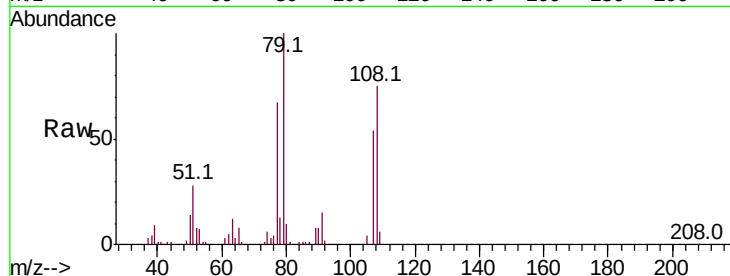
Tot Ion: 79 Resp: 75813

Ion Ratio Lower Upper

79 100

108 74.6 53.6 80.4

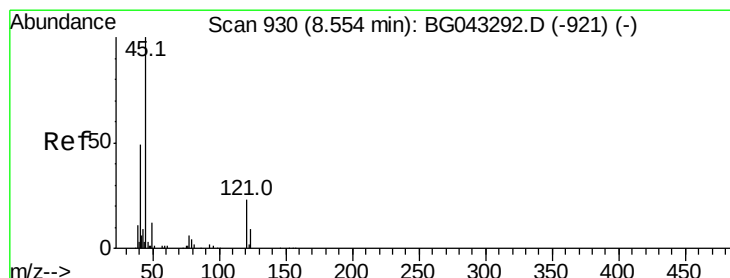
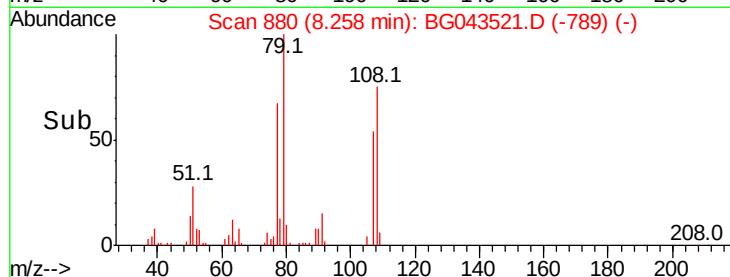
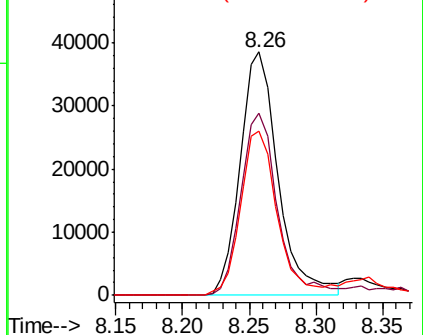
77 67.4 49.6 74.4



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: 39.549 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

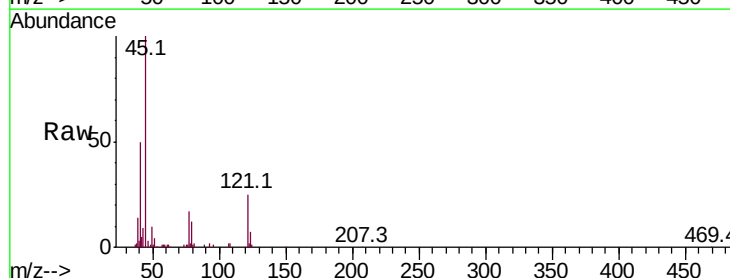
Tgt Ion: 45 Resp: 98217

Ion Ratio Lower Upper

45 100

77 16.8 0.0 34.9

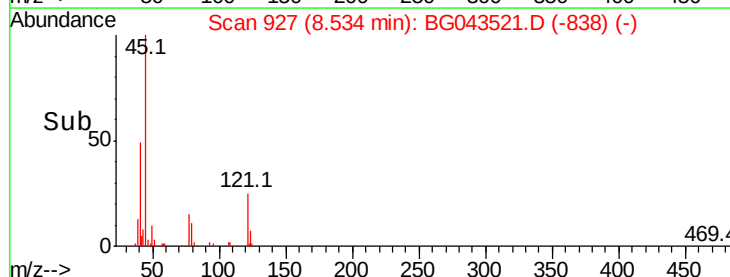
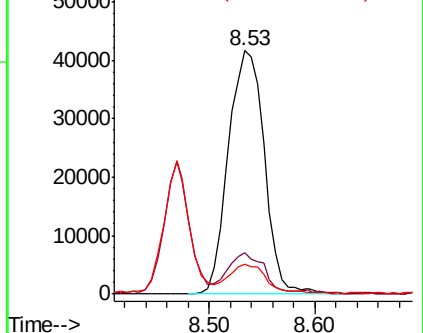
79 12.2 0.0 33.0

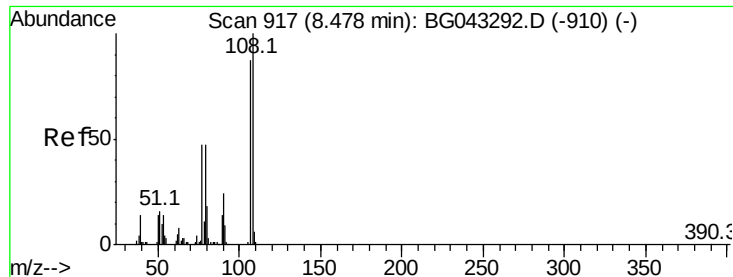


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 47.158 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 75943

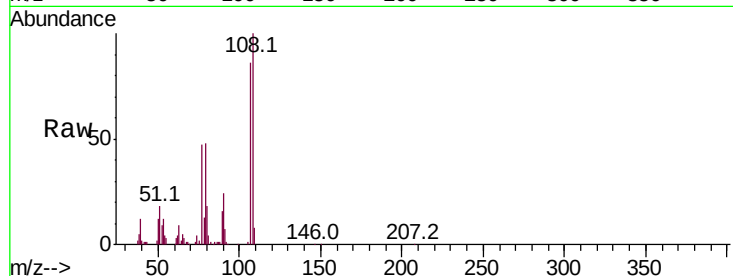
Ion Ratio Lower Upper

107 100

108 115.7 90.2 135.4

77 54.9 40.2 60.2

79 55.2 44.0 66.0

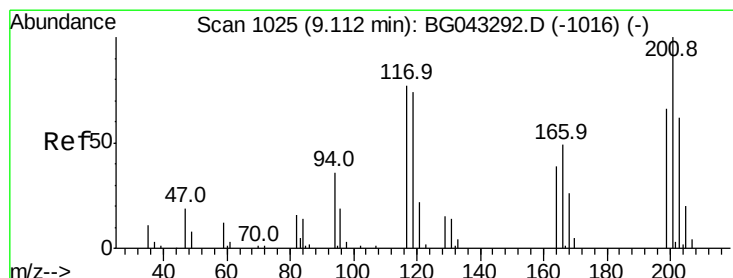
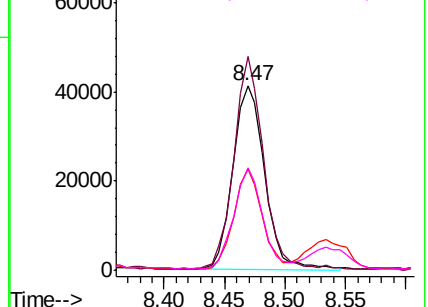
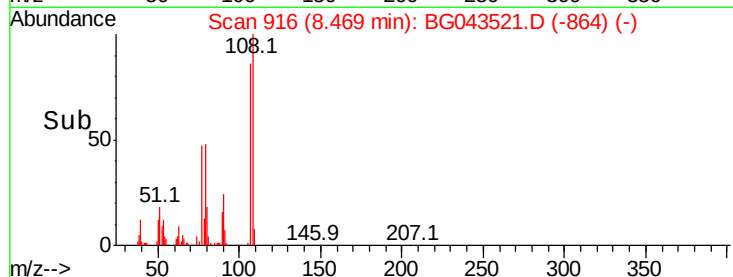


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.838 ng

RT: 9.09 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

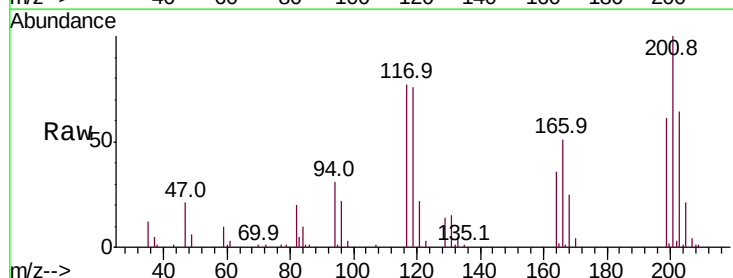
Tgt Ion:117 Resp: 34642

Ion Ratio Lower Upper

117 100

119 97.5 79.0 118.4

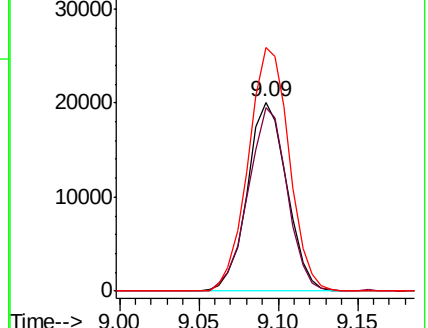
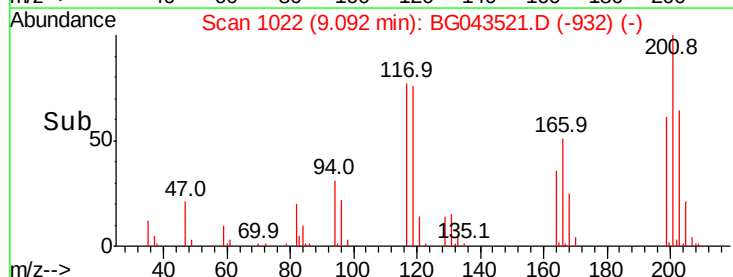
201 129.1 105.4 158.2

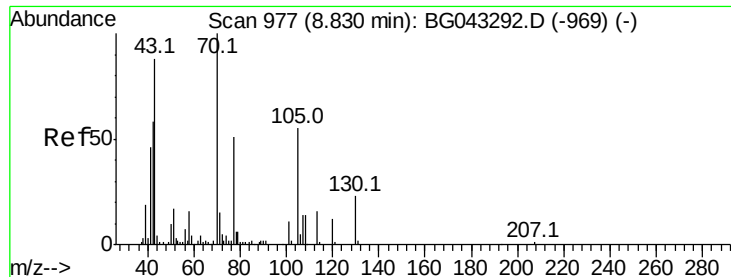


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

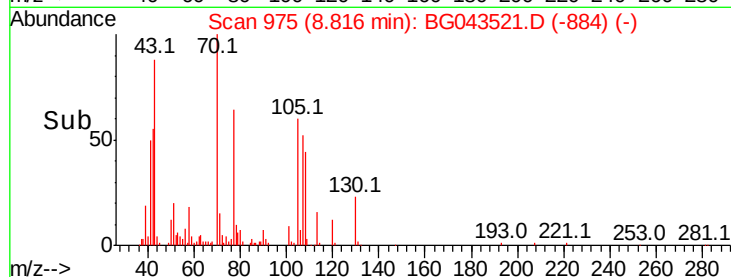
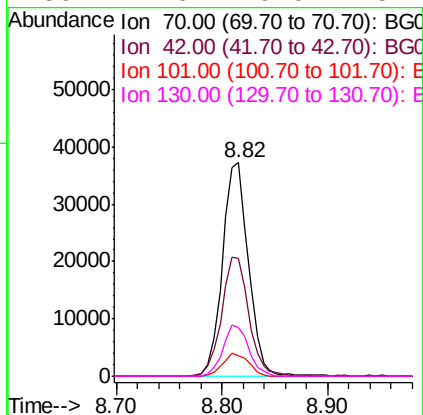
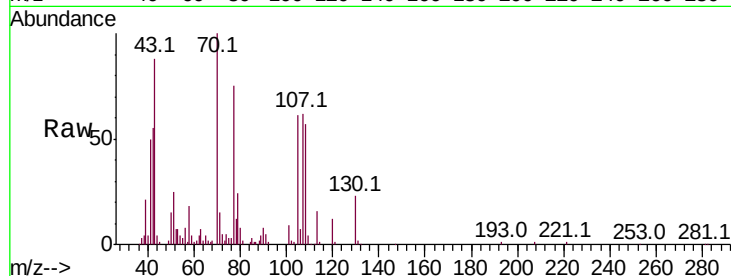




#19
n-Nitroso-di-n-propylamine
Concen: 40.610 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

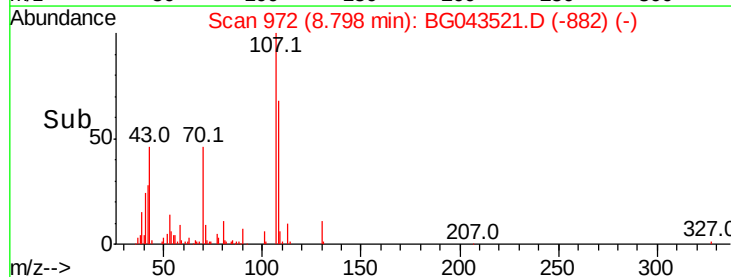
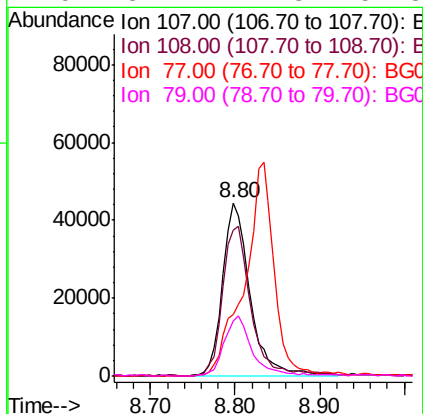
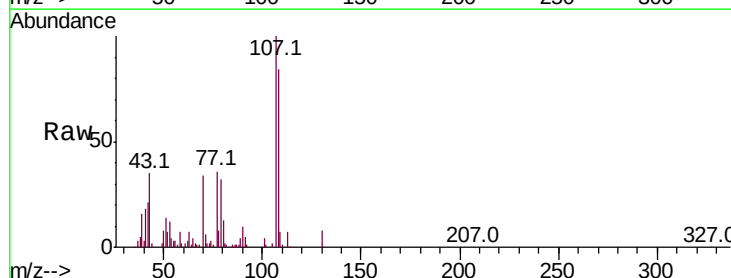
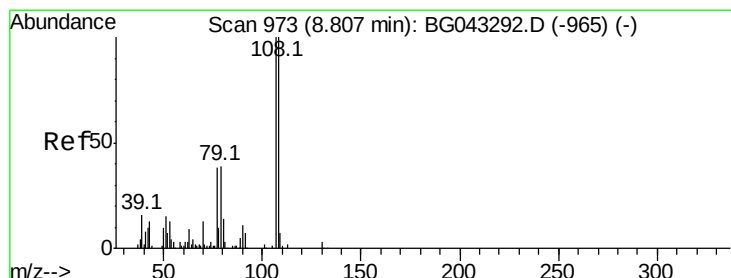
Instrument :
BNA_G
ClientSampleId :

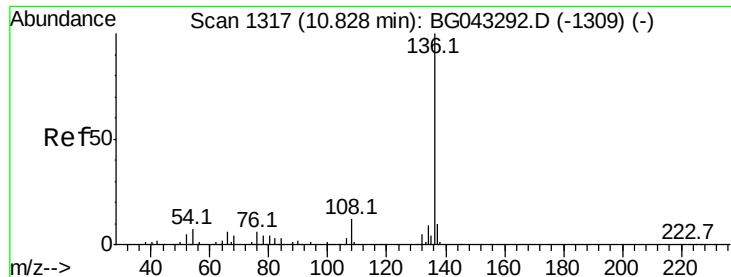
Tot Ion:	70	Resp:	63437
Ion	Ratio	Lower	Upper
70	100		
42	55.4	41.4	62.2
101	9.5	7.9	11.9
130	22.6	19.0	28.4



#20
3+4-Methylphenols
Concen: 45.380 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Tgt Ion:	107	Resp:	100211
Ion	Ratio	Lower	Upper
107	100		
108	84.2	66.6	106.6
77	35.7	20.9	60.9
79	32.1	11.3	51.3

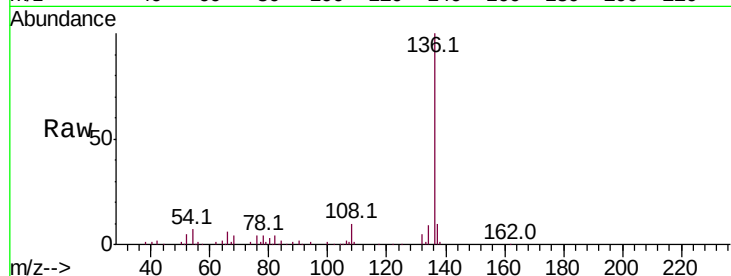




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	127314
Ion Ratio	Lower	Upper
136	100	
137	9.9	8.7 13.1
54	7.2	5.4 8.2
68	3.5	3.0 4.4



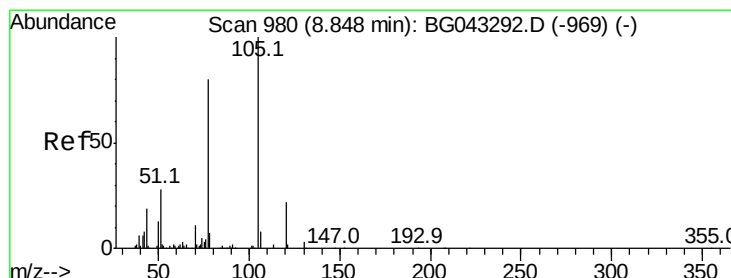
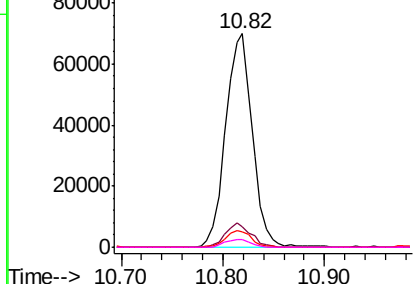
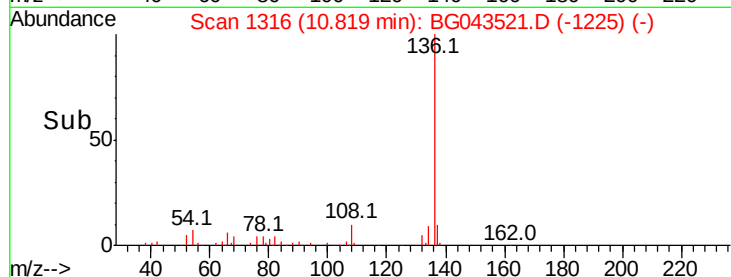
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

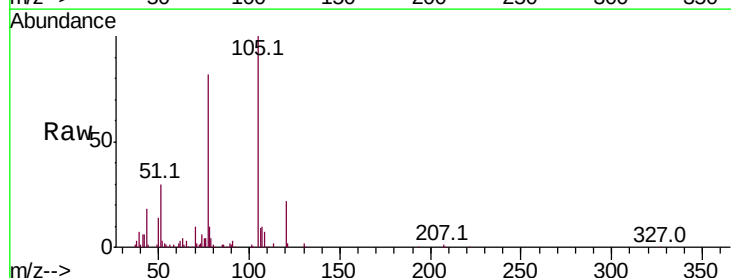
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 39.131 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Tgt Ion:105	Resp:	127581
Ion Ratio	Lower	Upper
105	100	
71	1.7	0.8 1.2#
51	30.2	21.0 31.4
120	22.5	18.0 27.0



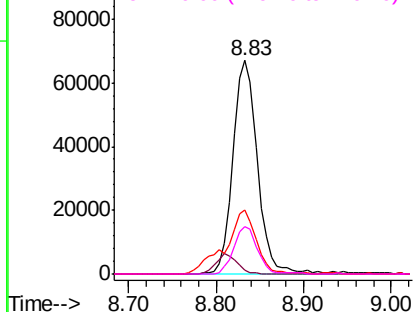
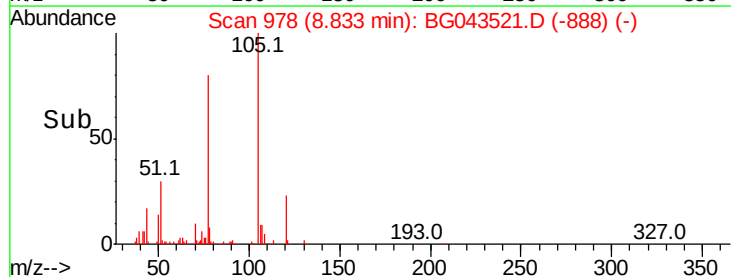
Abundance

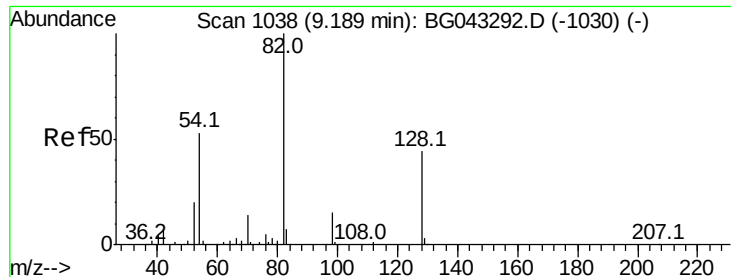
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

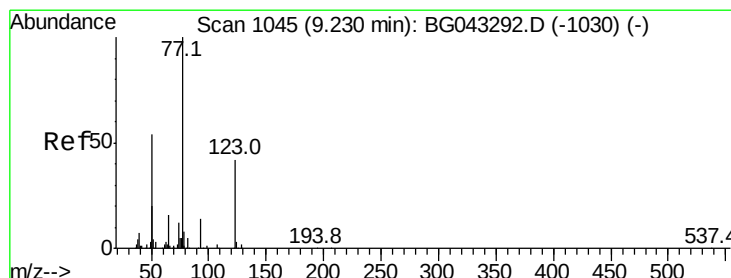
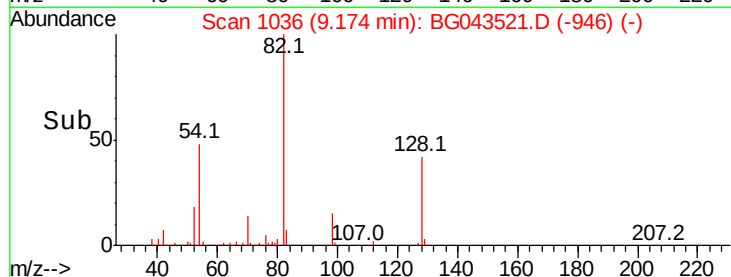
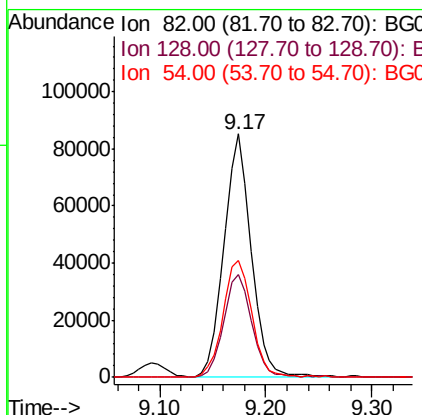
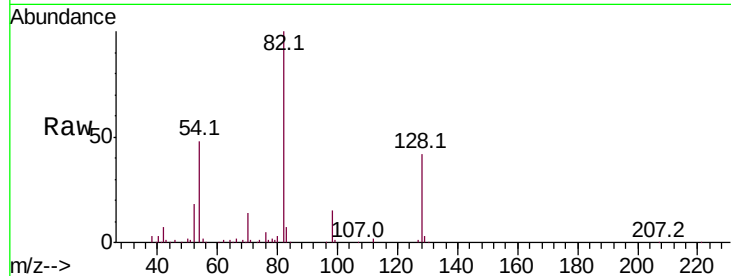




#23
 Nitrobenzene-d5
 Concen: 61.498 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG043521.D
 Acq: 6 Nov 2019 15:39

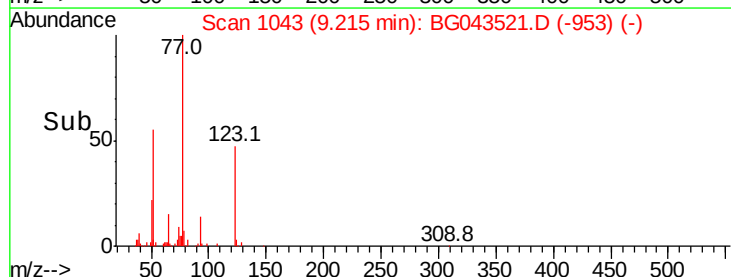
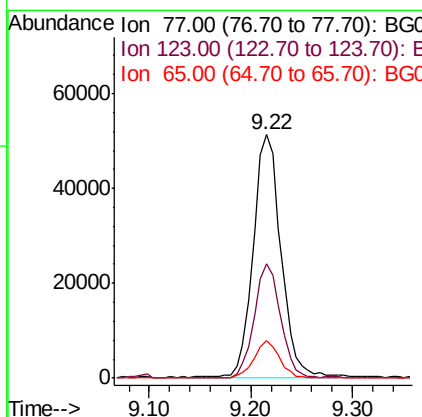
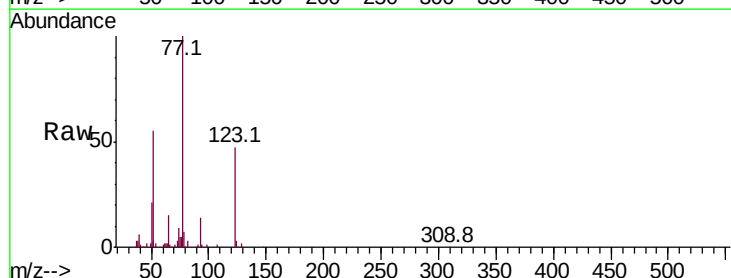
Instrument :
 BNA_G
 ClientSampleId :

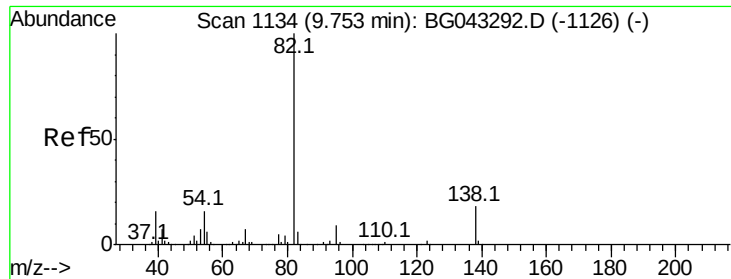
Tot Ion: 82 Resp: 151869
 Ion Ratio Lower Upper
 82 100
 128 42.2 35.0 52.6
 54 48.2 40.2 60.2



#24
 Nitrobenzene
 Concen: 41.266 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG043521.D
 Acq: 6 Nov 2019 15:39

Tgt Ion: 77 Resp: 97077
 Ion Ratio Lower Upper
 77 100
 123 46.9 35.0 52.6
 65 15.3 9.5 14.3#

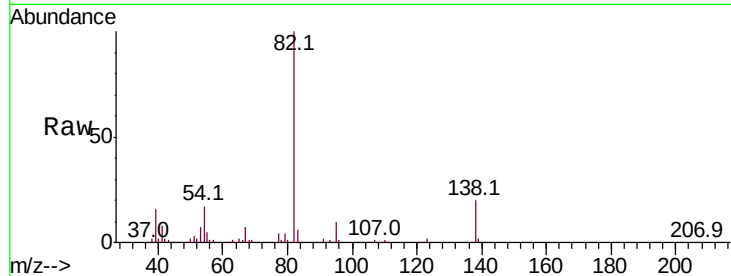




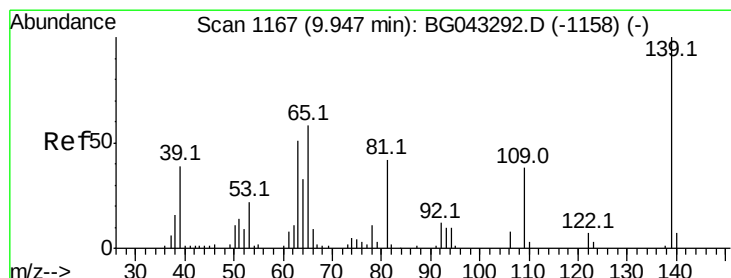
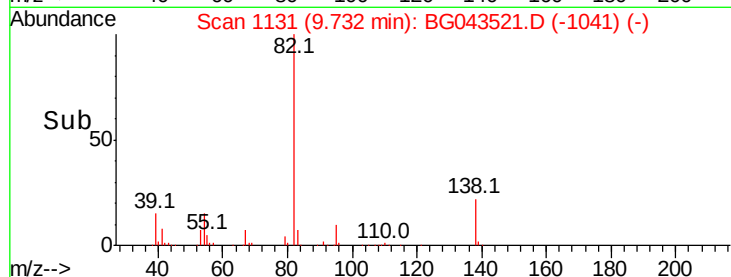
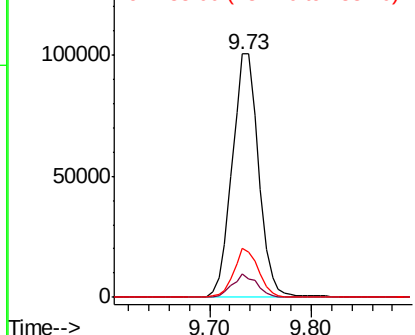
#25
Isophorone
Concen: 40.508 ng
RT: 9.73 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 182889
Ion Ratio Lower Upper
82 100
95 9.6 6.6 9.8
138 20.3 15.2 22.8

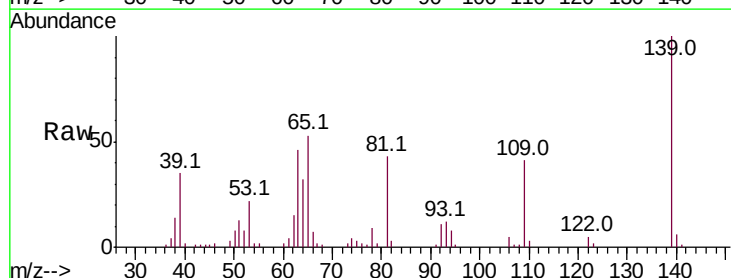


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

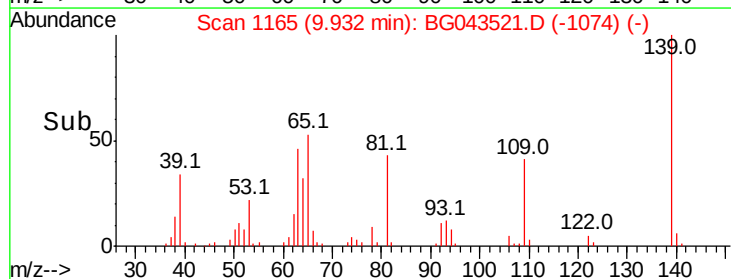
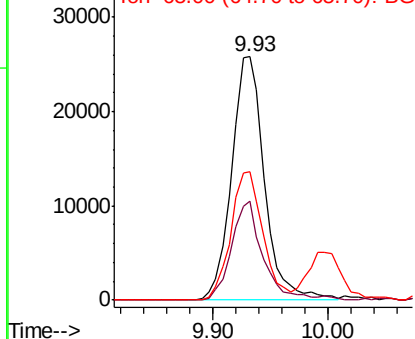


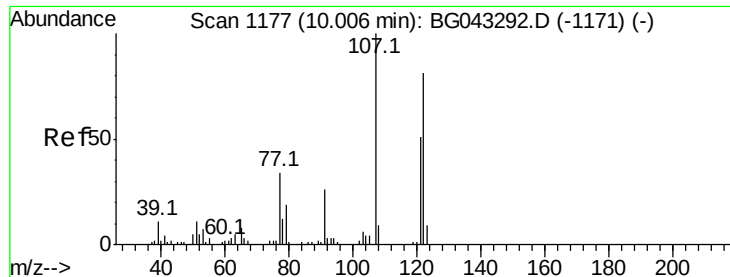
#26
2-Nitrophenol
Concen: 44.767 ng
RT: 9.93 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Tgt Ion:139 Resp: 50844
Ion Ratio Lower Upper
139 100
109 40.9 26.5 39.7#
65 52.9 43.8 65.8



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

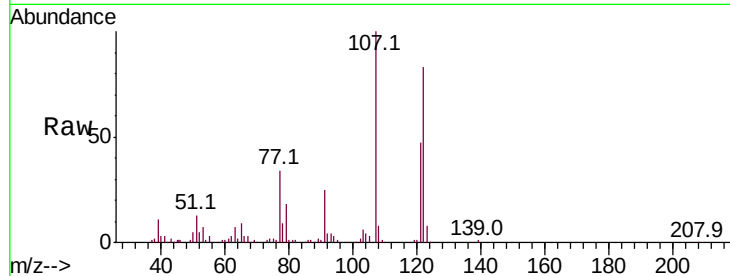




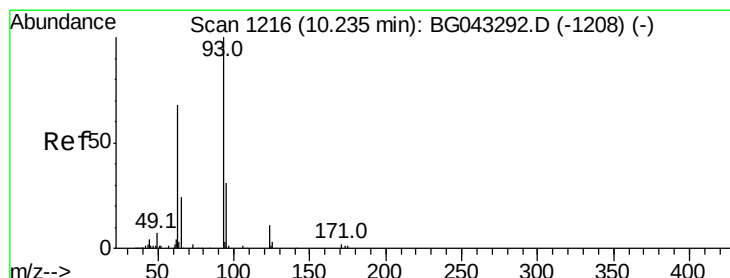
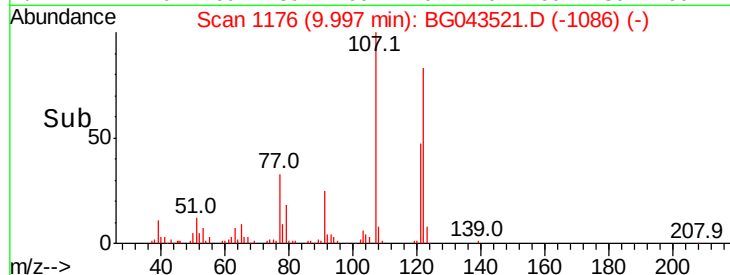
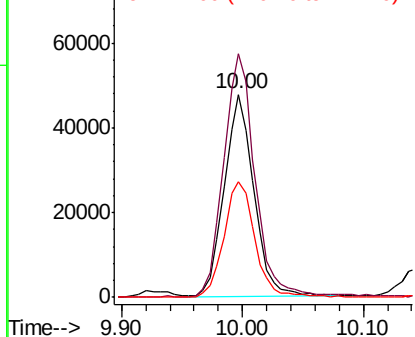
#27
2,4-Dimethylphenol
Concen: 49.793 ng
RT: 10.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 81054
Ion Ratio Lower Upper
122 100
107 120.1 104.4 156.6
121 56.9 47.2 70.8

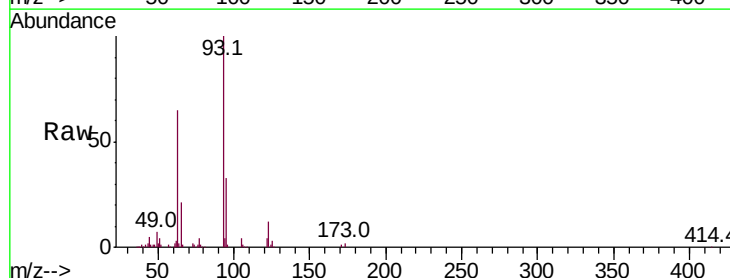


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

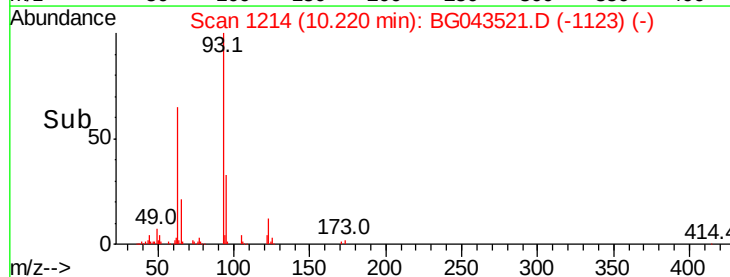
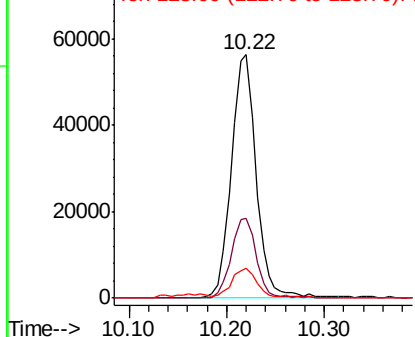


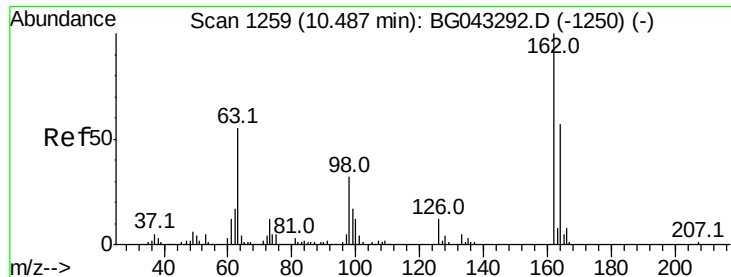
#28
bis(2-Chloroethoxy)methane
Concen: 40.098 ng
RT: 10.22 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Tgt Ion: 93 Resp: 99918
Ion Ratio Lower Upper
93 100
95 32.7 26.0 39.0
123 12.0 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: 44.320 ng

RT: 10.48 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Instrument :

BNA_G

ClientSampleId :

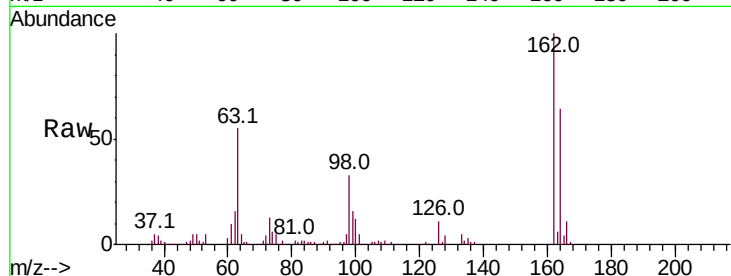
Tot Ion:162 Resp: 92437

Ion Ratio Lower Upper

162 100

164 63.7 48.9 88.9

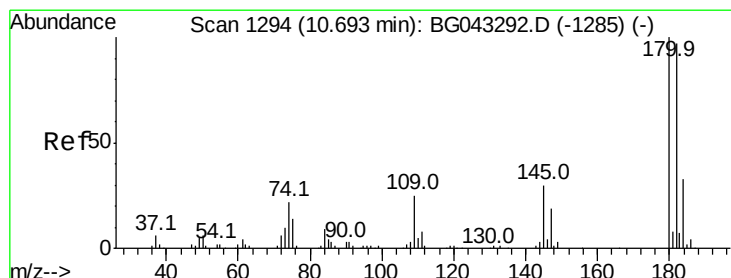
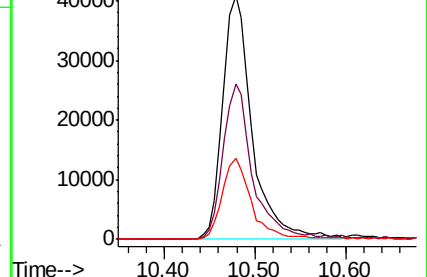
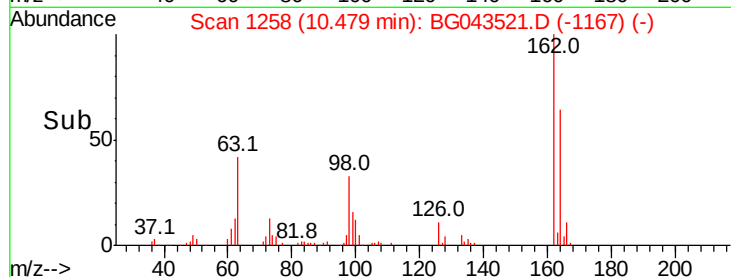
98 33.3 15.1 55.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 40.020 ng

RT: 10.68 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

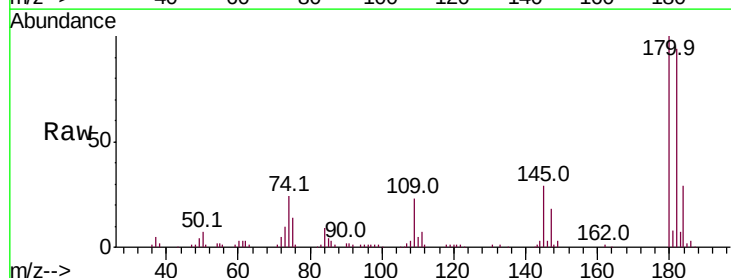
Tgt Ion:180 Resp: 105201

Ion Ratio Lower Upper

180 100

182 93.8 75.1 112.7

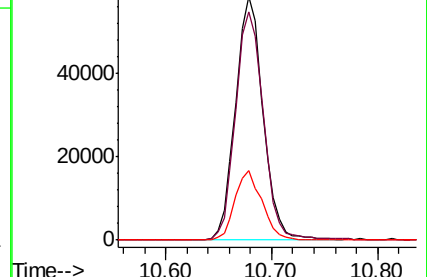
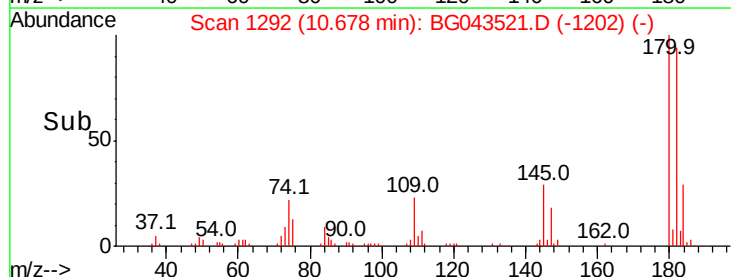
145 28.6 23.9 35.9

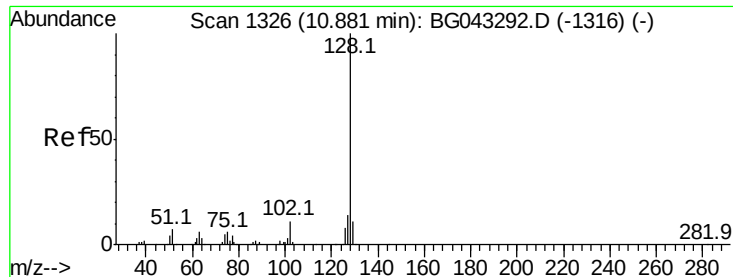


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

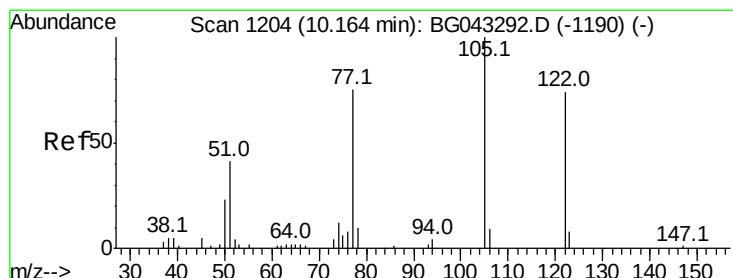
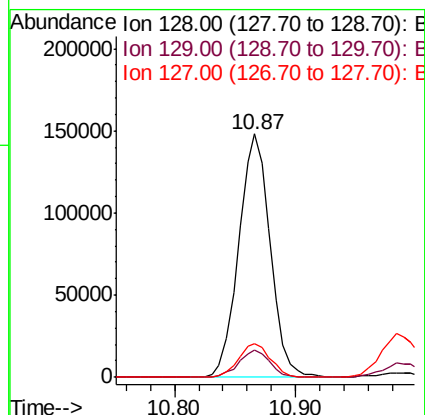
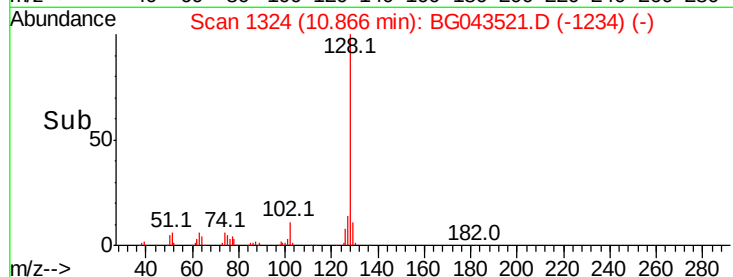
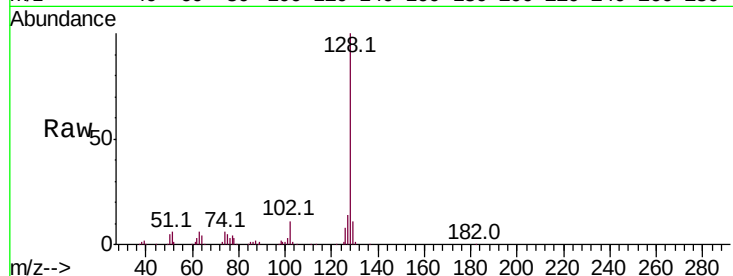




#31
Naphthalene
Concen: 41.607 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

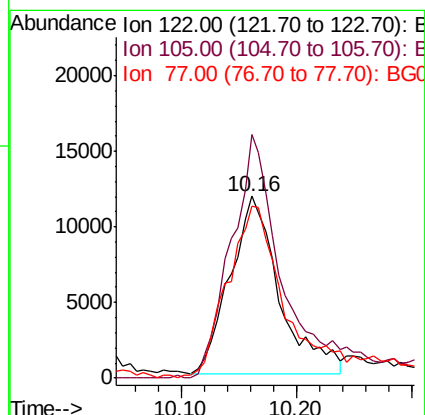
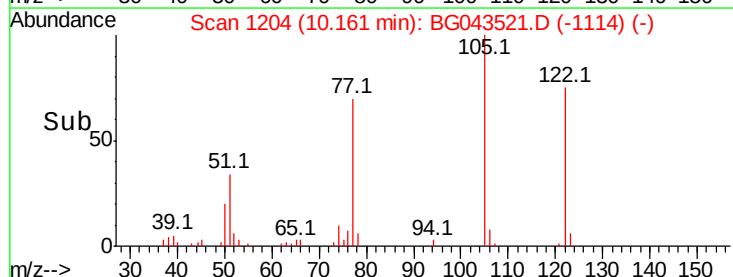
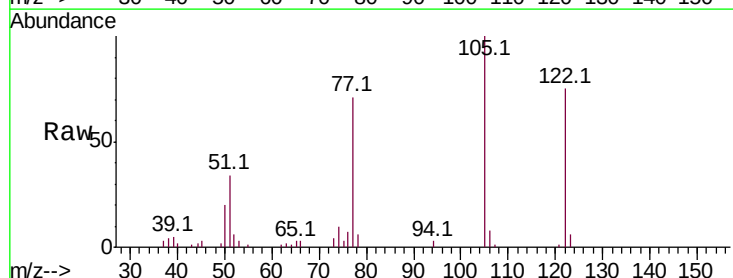
Instrument :
BNA_G
ClientSampleId :

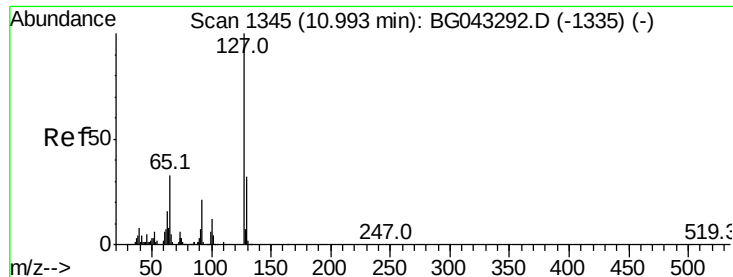
Tot Ion:128 Resp: 268881
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.0
127 13.8 11.1 16.7



#32
Benzoic acid
Concen: 31.930 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Tgt Ion:122 Resp: 35047
Ion Ratio Lower Upper
122 100
105 133.7 103.3 143.3
77 94.7 84.9 124.9

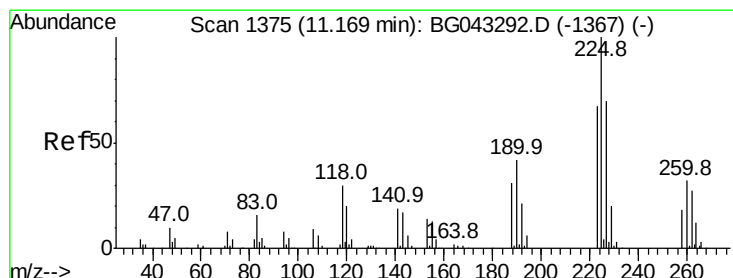
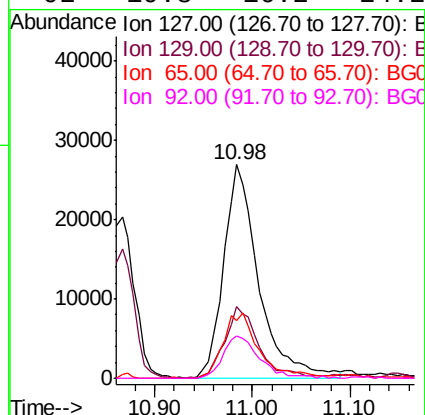
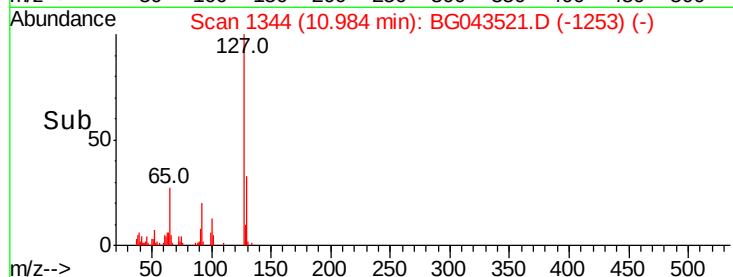
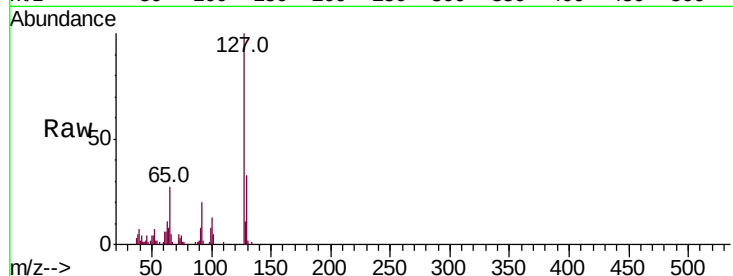




#33
4-Chloroaniline
Concen: 25.381 ng
RT: 10.98 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

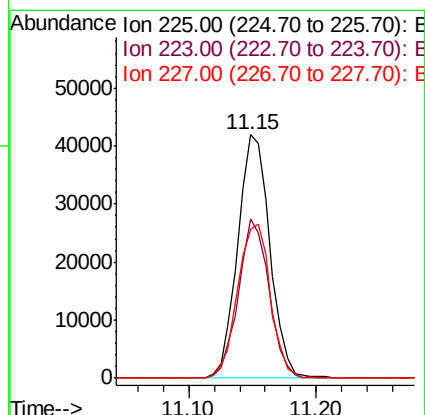
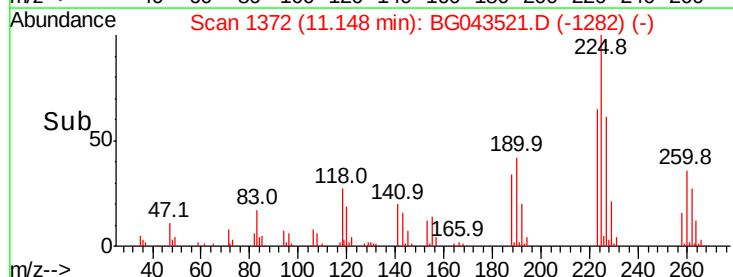
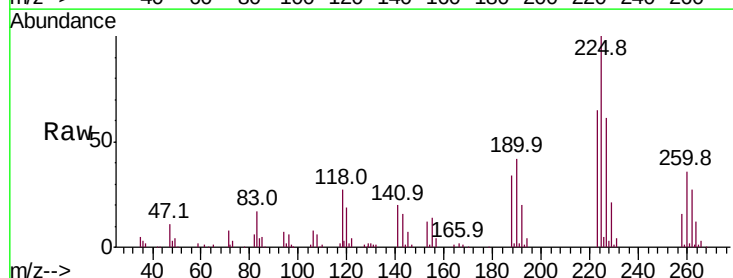
Instrument :
BNA_G
ClientSampleId :

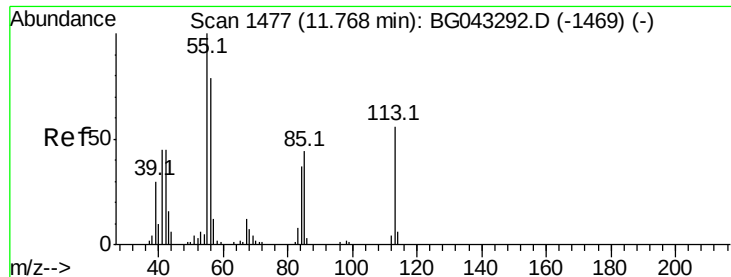
Tot Ion:	127	Resp:	67234
Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.5	39.7
65	27.1	26.4	39.6
92	19.8	16.2	24.2



#34
Hexachlorobutadiene
Concen: 37.864 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Tgt Ion:	225	Resp:	73578
Ion	Ratio	Lower	Upper
225	100		
223	65.1	52.7	79.1
227	60.9	54.8	82.2

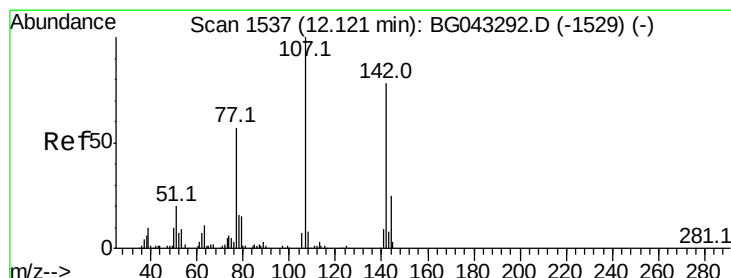
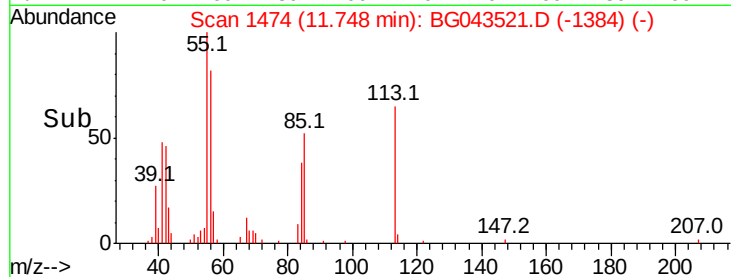
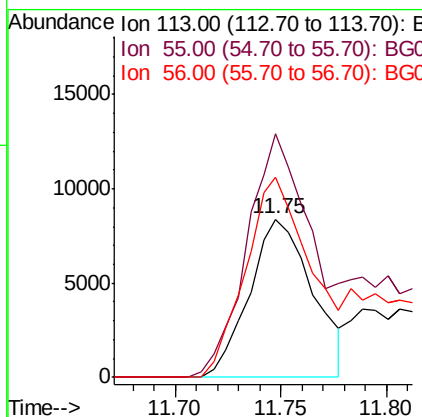
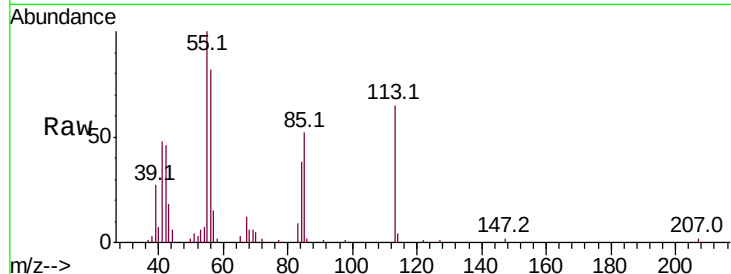




#35
 Caprolactam
 Concen: 24.260 ng
 RT: 11.75 min Scan# 1474
 Delta R.T. -0.00 min
 Lab File: BG043521.D
 Acq: 6 Nov 2019 15:39

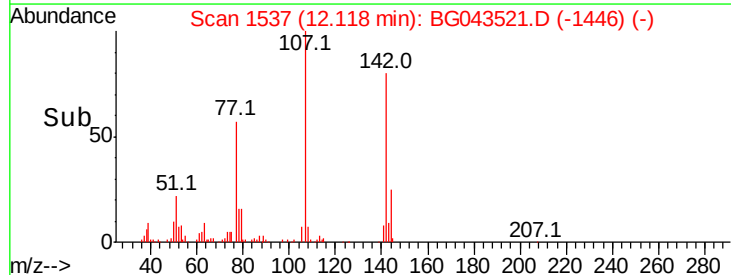
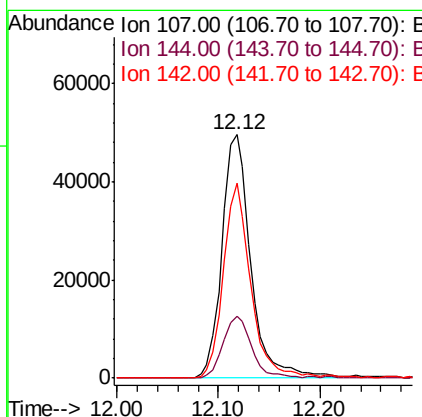
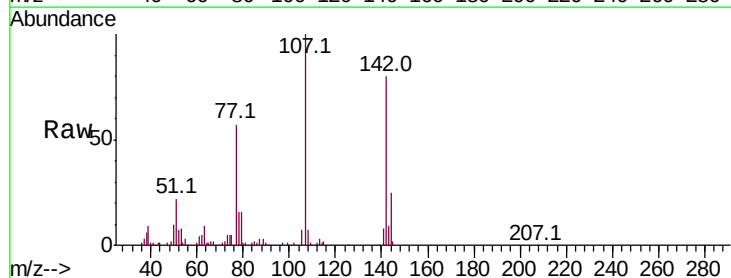
Instrument :
 BNA_G
 ClientSampleId :

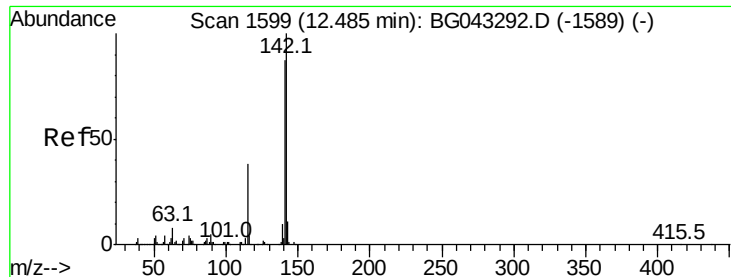
Tot Ion:113 Resp: 17426
 Ion Ratio Lower Upper
 113 100
 55 153.9 134.1 174.1
 56 126.2 100.4 140.4



#36
 4-Chloro-3-methylphenol
 Concen: 43.099 ng
 RT: 12.12 min Scan# 1537
 Delta R.T. 0.00 min
 Lab File: BG043521.D
 Acq: 6 Nov 2019 15:39

Tgt Ion:107 Resp: 98051
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.9 31.3
 142 80.0 59.6 89.4

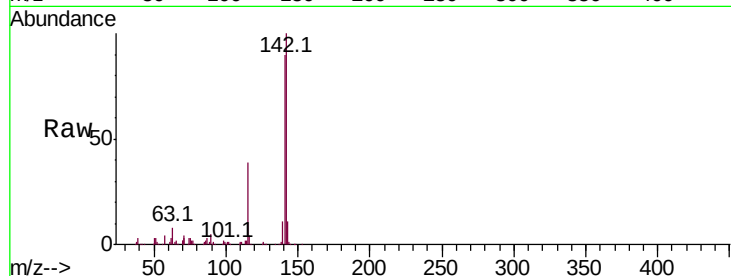




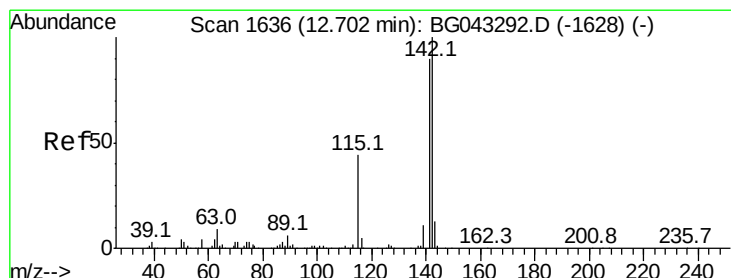
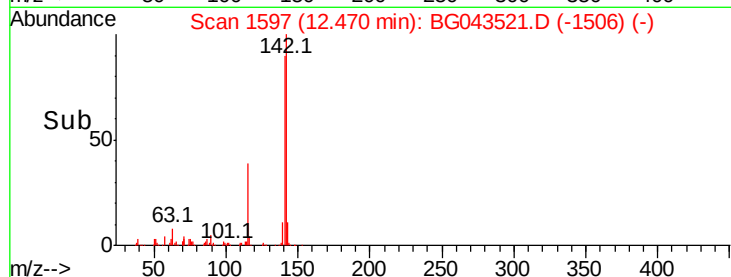
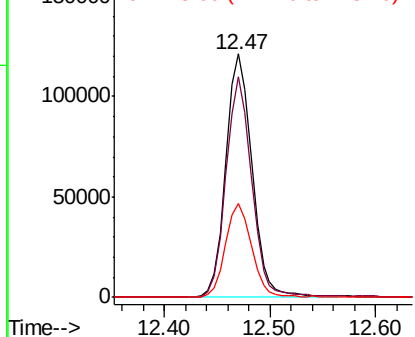
#37
2-Methylnaphthalene
Concen: 42.085 ng
RT: 12.47 min Scan# 1597
Delta R.T. 0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.2	108.2
115	38.6	33.2	49.8

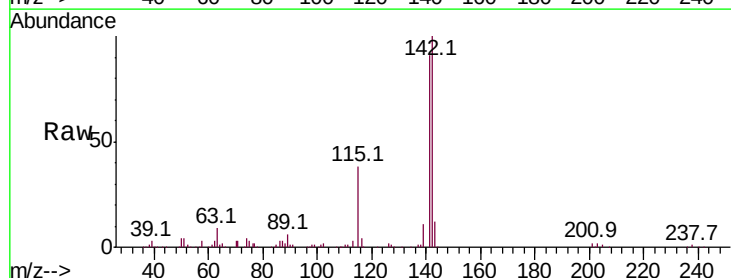


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

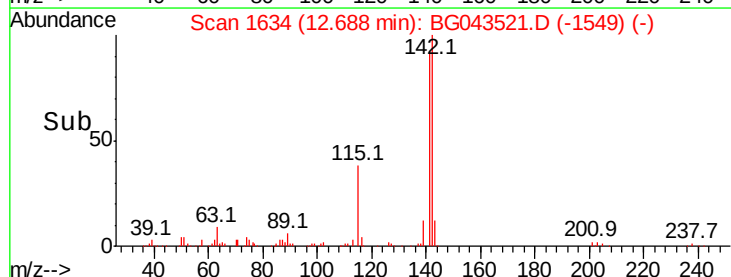
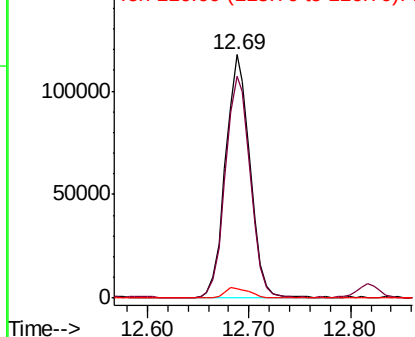


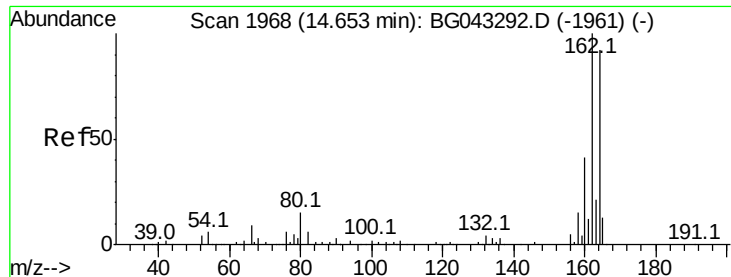
#38
1-Methylnaphthalene
Concen: 41.407 ng
RT: 12.69 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.2	109.8
116	3.8	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

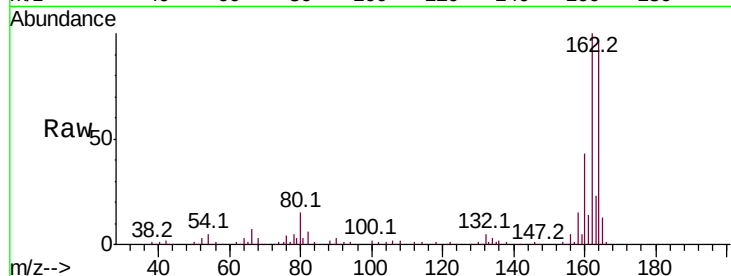




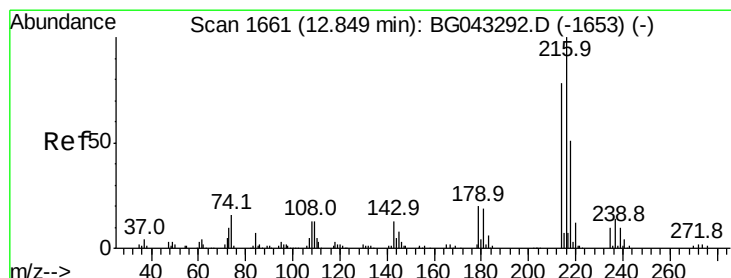
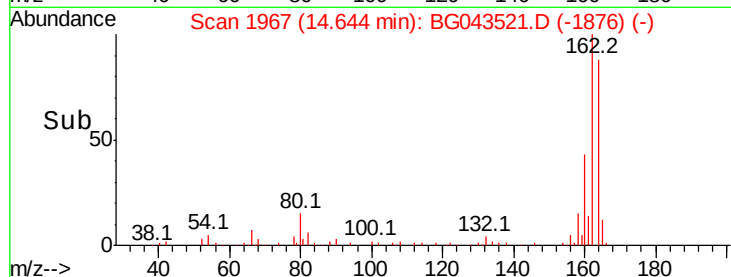
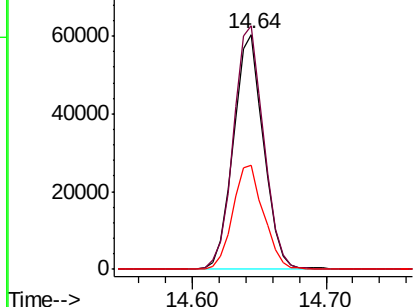
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 94512
Ion Ratio Lower Upper
164 100
162 103.5 83.5 125.3
160 44.4 36.5 54.7

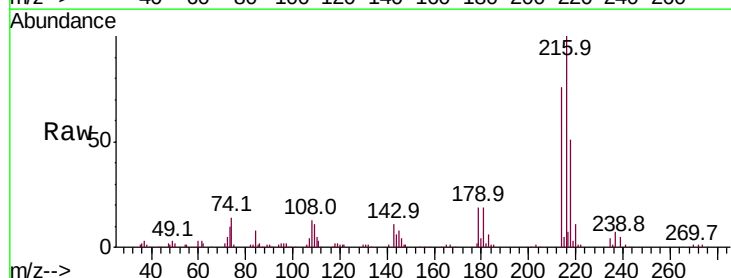


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

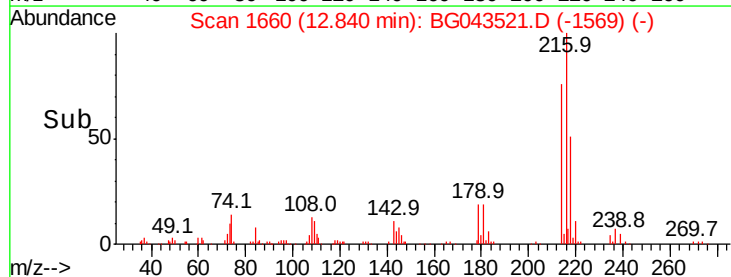
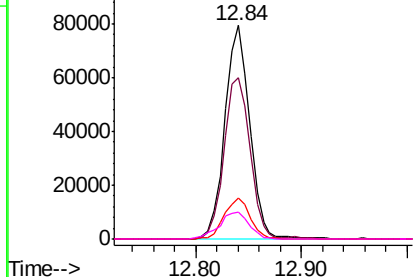


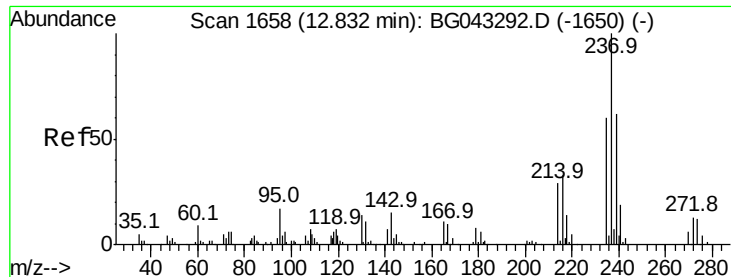
#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.969 ng
RT: 12.84 min Scan# 1660
Delta R.T. 0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Tgt Ion:216 Resp: 129307
Ion Ratio Lower Upper
216 100
214 79.3 61.7 92.5
179 19.8 15.8 23.8
108 15.0 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: 53.565 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Instrument :

BNA_G

ClientSampleId :

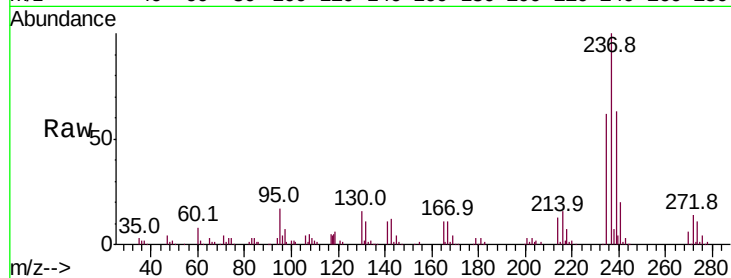
Tot Ion:237 Resp: 98419

Ion Ratio Lower Upper

237 100

235 61.8 41.6 81.6

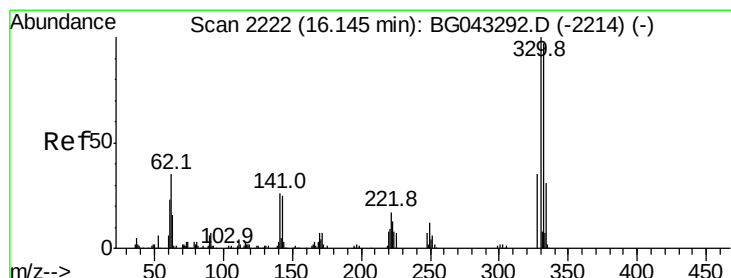
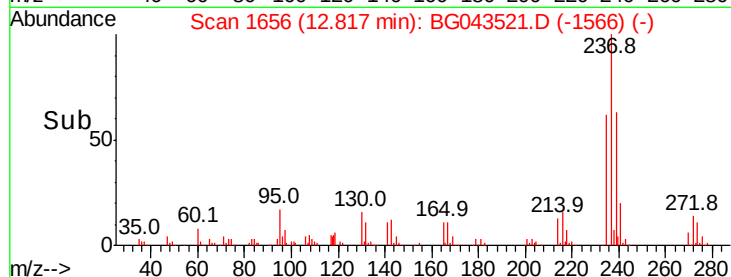
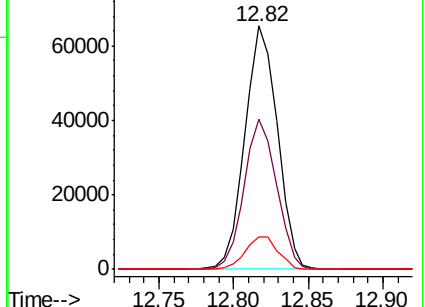
272 13.5 0.0 32.5



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: 104.454 ng

RT: 16.14 min Scan# 2221

Delta R.T. 0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

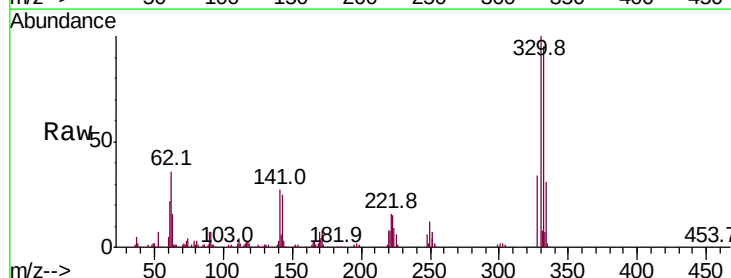
Tgt Ion:330 Resp: 187868

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

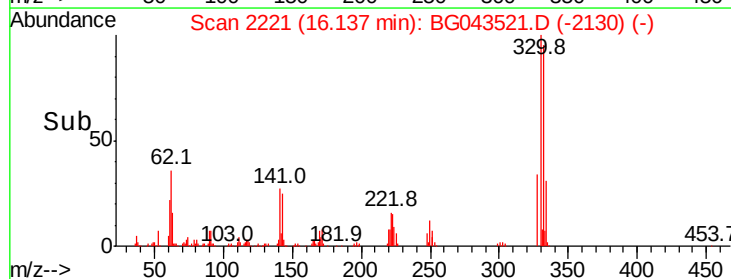
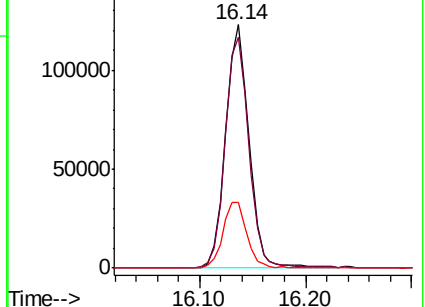
141 28.1 22.8 34.2

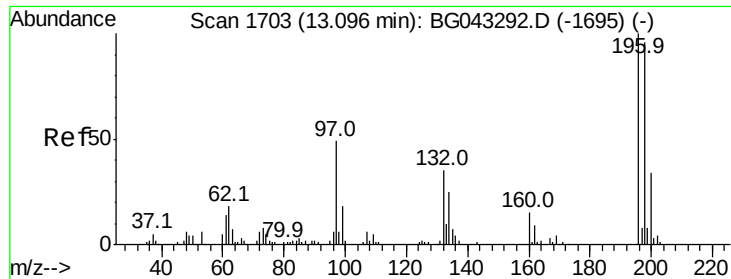


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

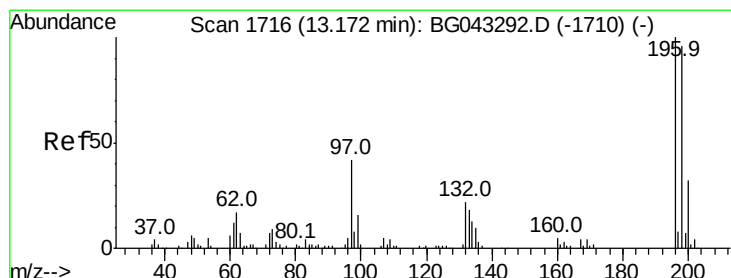
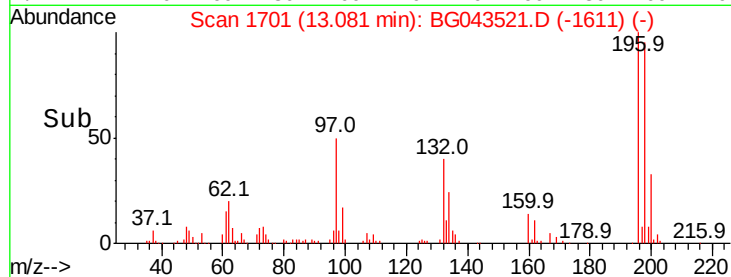
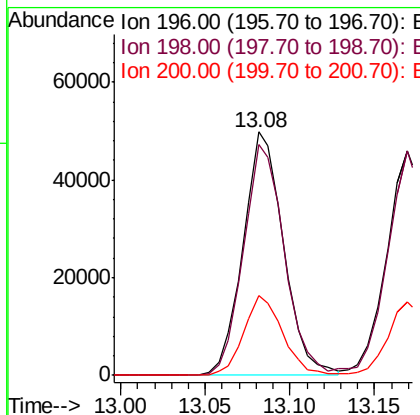
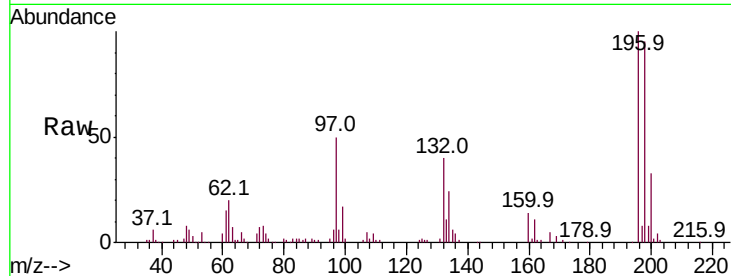




#43
 2,4,6-Trichlorophenol
 Concen: 40.442 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG043521.D
 Acq: 6 Nov 2019 15:39

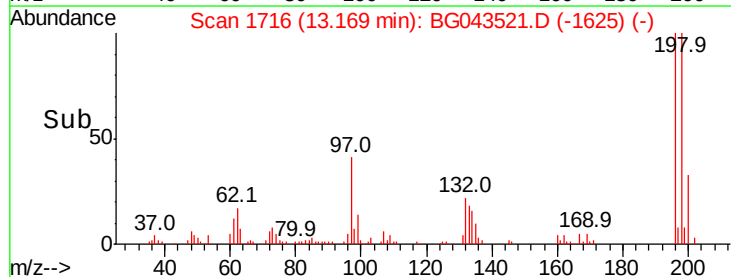
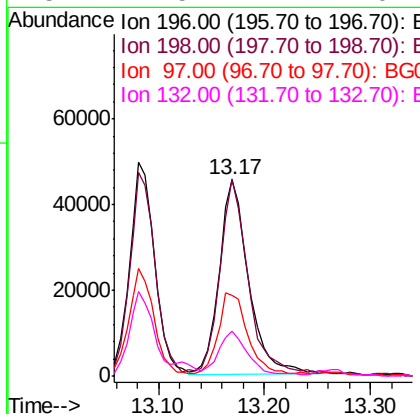
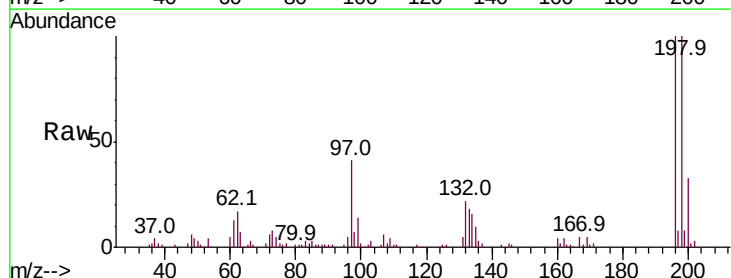
Instrument :
 BNA_G
 ClientSampleId :

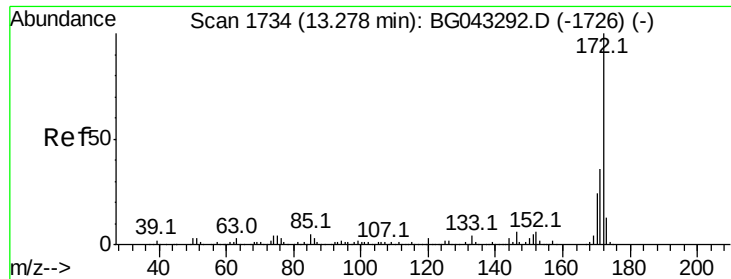
Tot Ion:196 Resp: 83305
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.8 113.6
 200 32.6 23.9 35.9



#44
 2,4,5-Trichlorophenol
 Concen: 42.533 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG043521.D
 Acq: 6 Nov 2019 15:39

Tgt Ion:196 Resp: 88575
 Ion Ratio Lower Upper
 196 100
 198 100.3 74.5 111.7
 97 41.1 36.3 54.5
 132 22.5 17.4 26.2

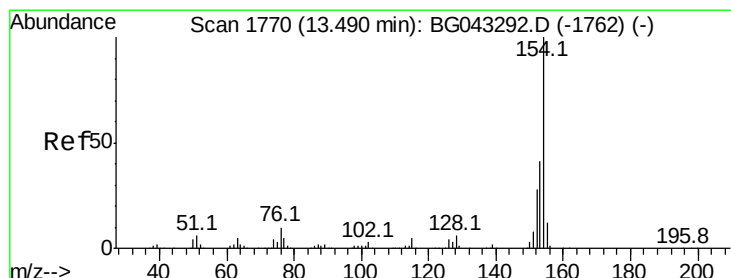
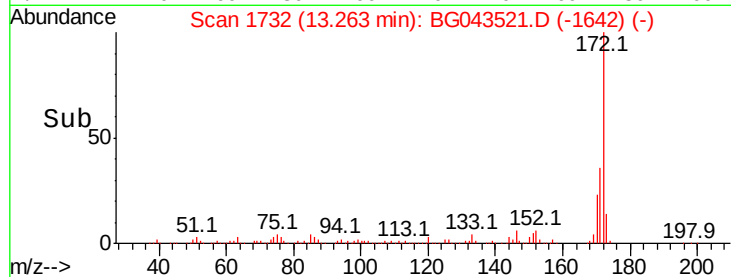
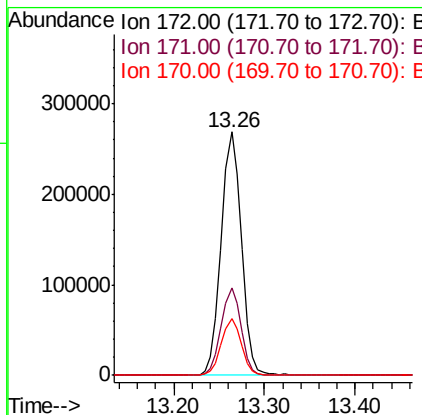
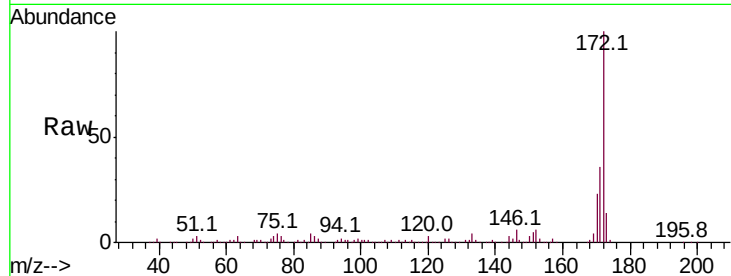




#45
2-Fluorobiphenyl
Concen: 60.904 ng
RT: 13.26 min Scan# 1732
Delta R.T. -0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

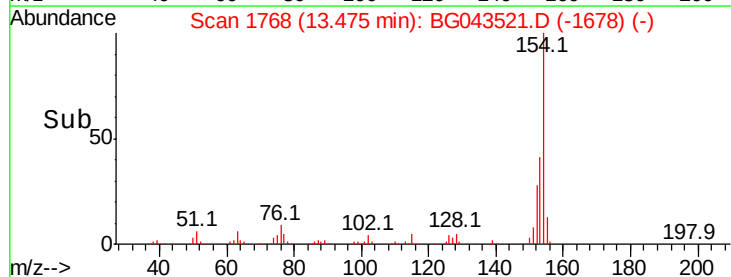
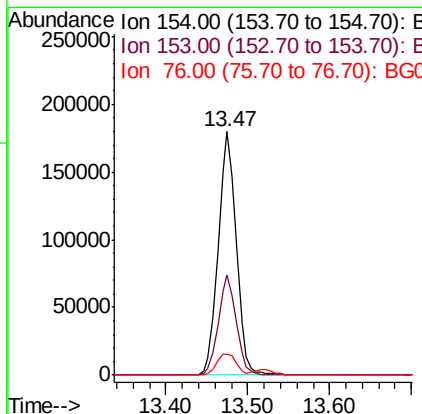
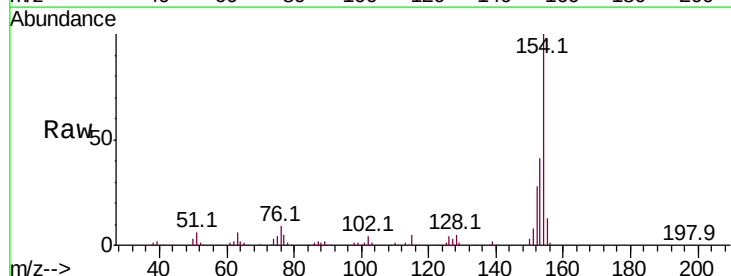
Instrument :
BNA_G
ClientSampleId :

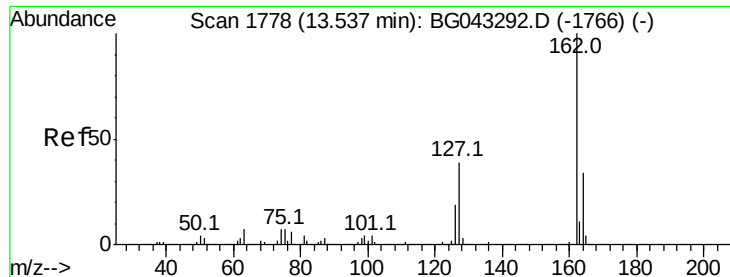
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	23.5	18.5	27.7



#46
1,1'-Biphenyl
Concen: 38.474 ng
RT: 13.47 min Scan# 1768
Delta R.T. -0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	19.9	59.9
76	8.5	0.0	29.4

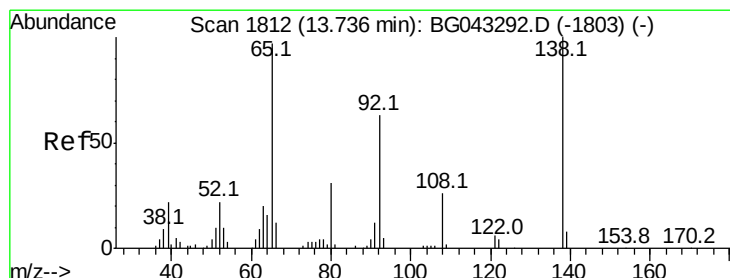
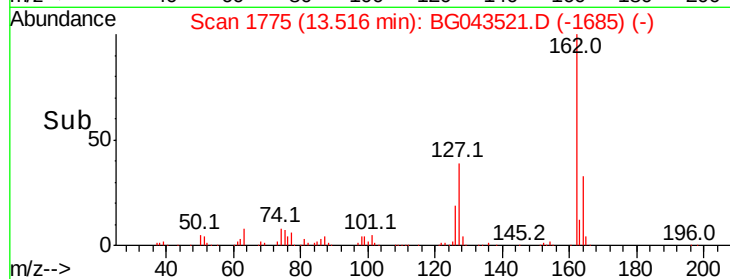
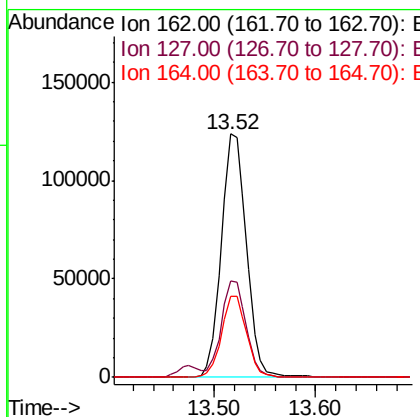
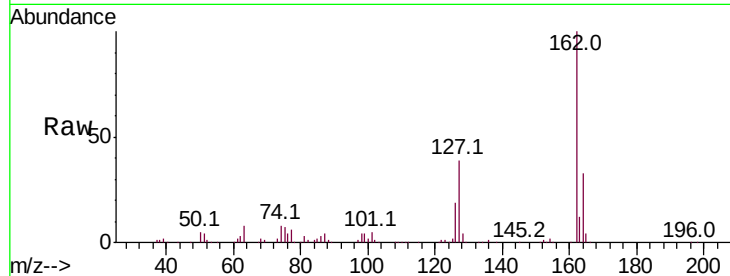




#47
 2-Chloronaphthalene
 Concen: 38.977 ng
 RT: 13.52 min Scan# 1775
 Delta R.T. -0.00 min
 Lab File: BG043521.D
 Acq: 6 Nov 2019 15:39

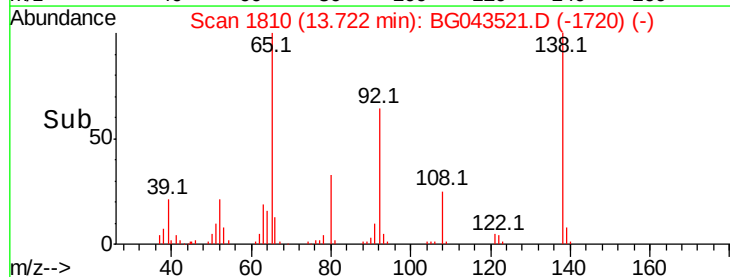
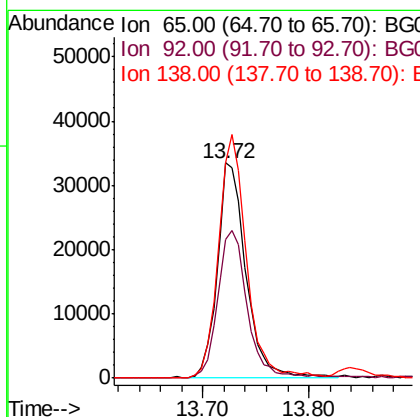
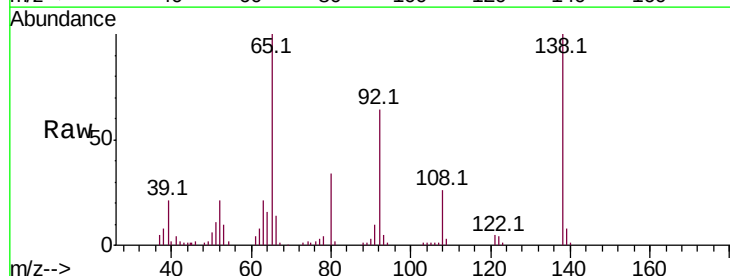
Instrument :
 BNA_G
 ClientSampleId :

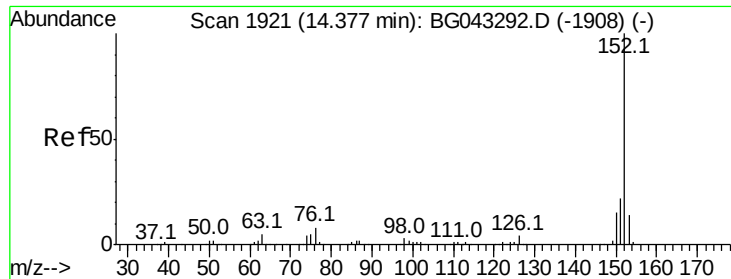
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.2	46.8
164	33.4	25.8	38.8



#48
 2-Nitroaniline
 Concen: 38.852 ng
 RT: 13.72 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: BG043521.D
 Acq: 6 Nov 2019 15:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.7	56.2	84.2
138	100.4	82.6	123.8





#49

Acenaphthylene

Concen: 40.679 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Instrument :

BNA_G

ClientSampled :

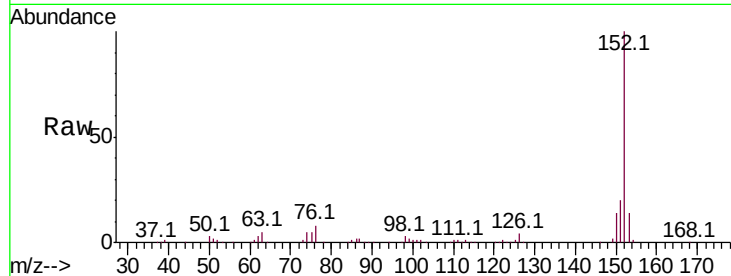
Tot Ion:152 Resp: 346349

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.4

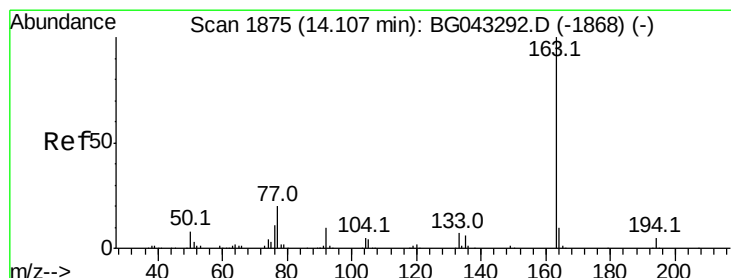
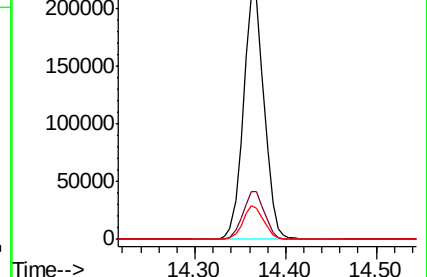
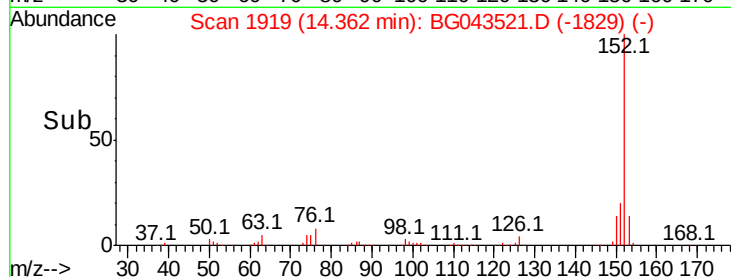
153 13.8 10.6 15.8



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: 38.533 ng

RT: 14.10 min Scan# 1874

Delta R.T. 0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

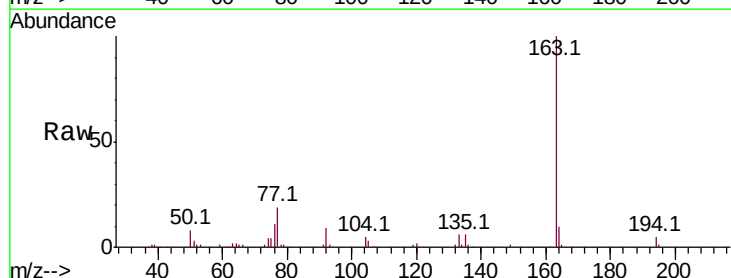
Tgt Ion:163 Resp: 282083

Ion Ratio Lower Upper

163 100

194 5.1 3.8 5.6

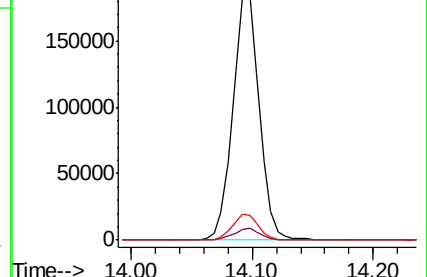
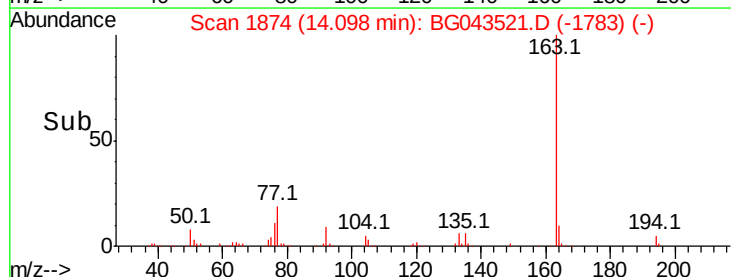
164 10.4 8.9 13.3

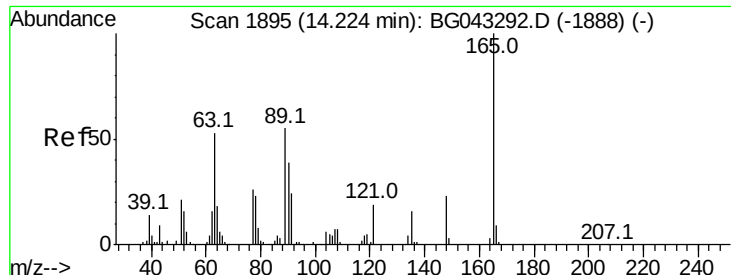


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

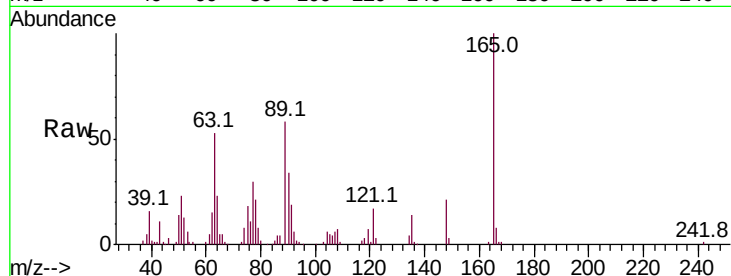




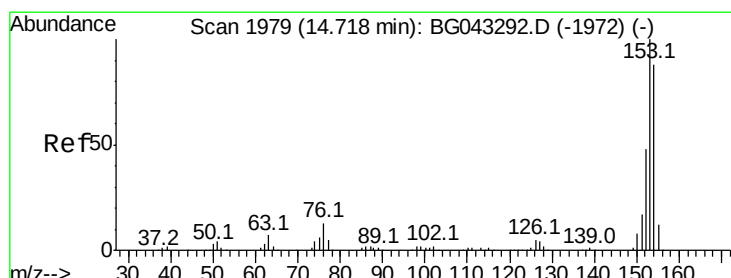
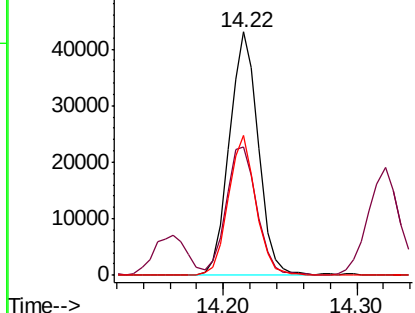
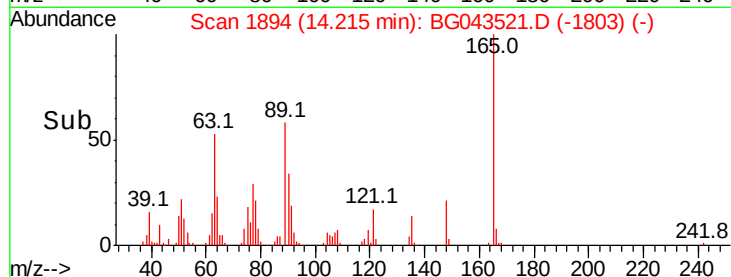
#51
2,6-Dinitrotoluene
Concen: 40.995 ng
RT: 14.22 min Scan# 1894
Delta R.T. 0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.0	46.6	69.8
89	57.6	45.1	67.7

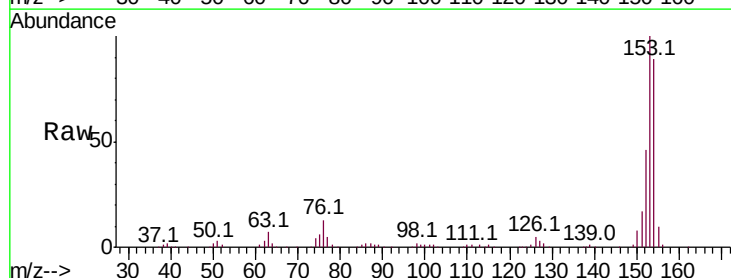


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

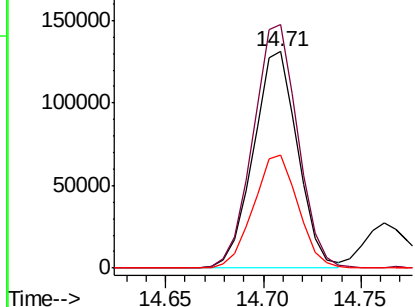
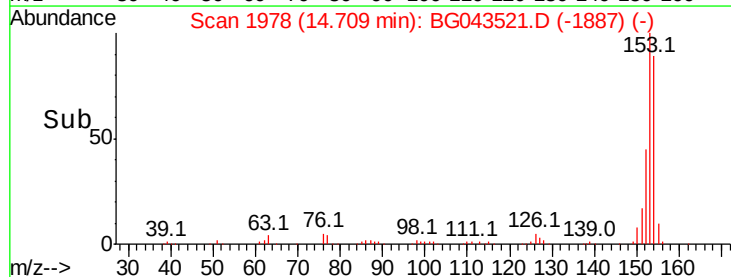


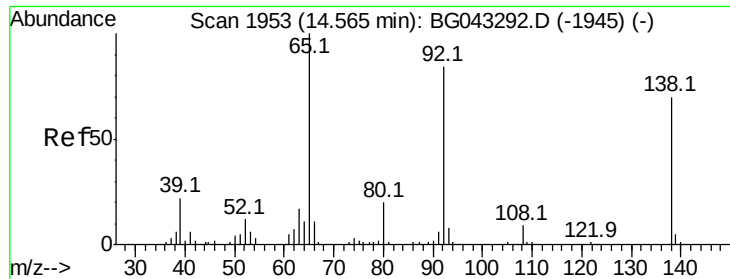
#52
Acenaphthene
Concen: 39.642 ng
RT: 14.71 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.4	88.2	132.2
152	52.0	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: 29.598 ng

RT: 14.56 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Instrument :

BNA_G

ClientSampleId :

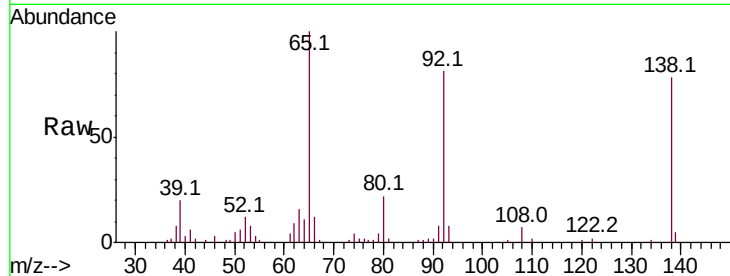
Tot Ion:138 Resp: 45447

Ion Ratio Lower Upper

138 100

108 8.3 8.0 12.0

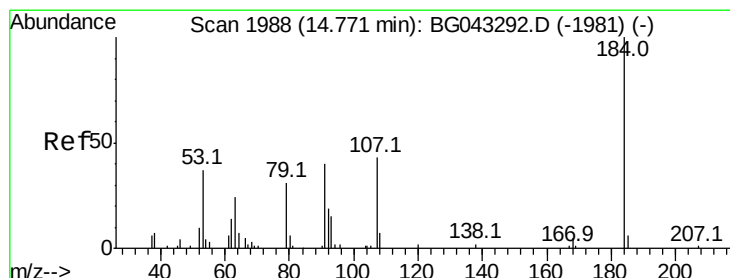
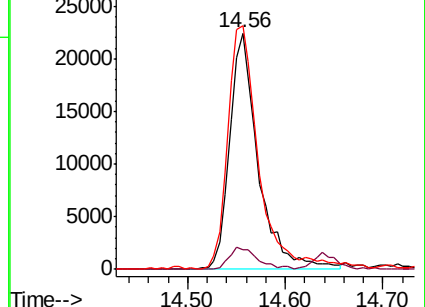
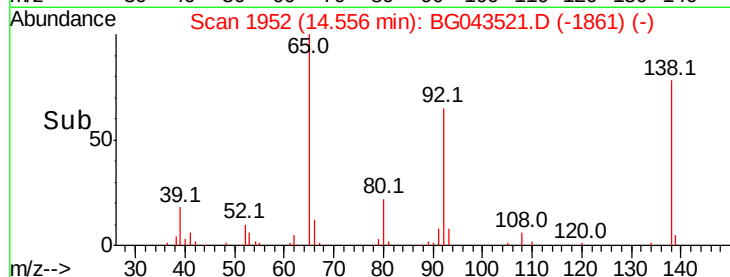
92 103.1 90.9 136.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 78.399 ng

RT: 14.76 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

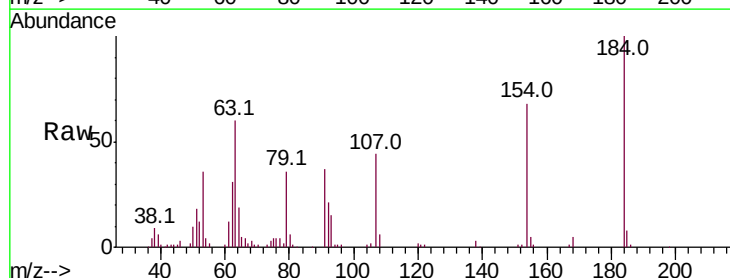
Tgt Ion:184 Resp: 77700

Ion Ratio Lower Upper

184 100

63 59.6 51.3 76.9

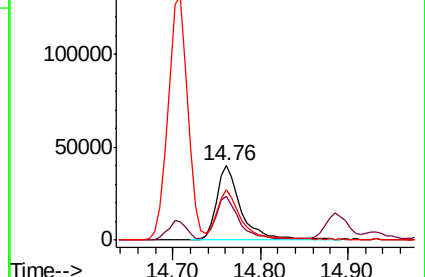
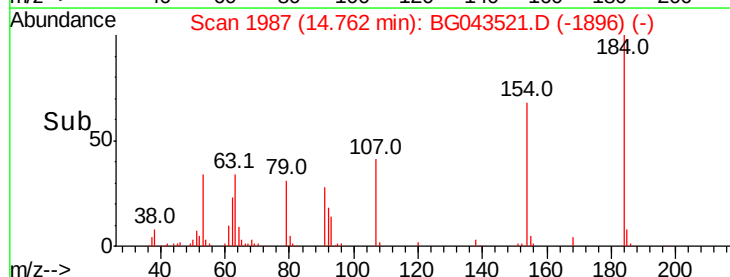
154 67.7 55.4 83.0

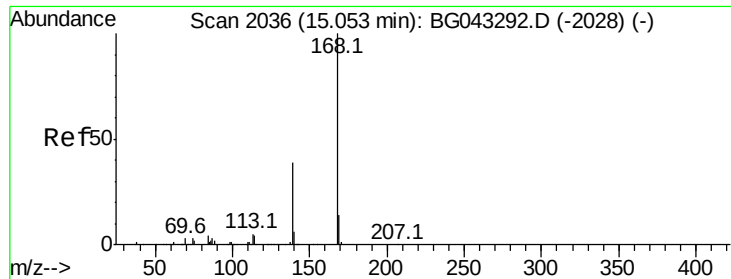


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

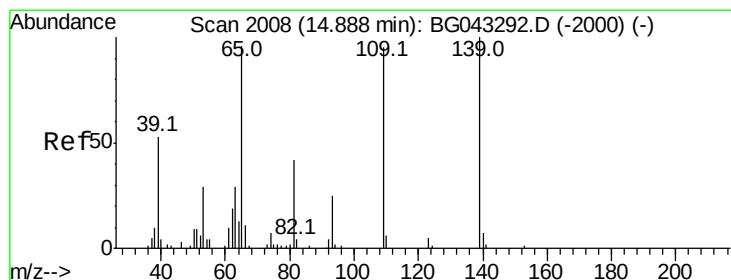
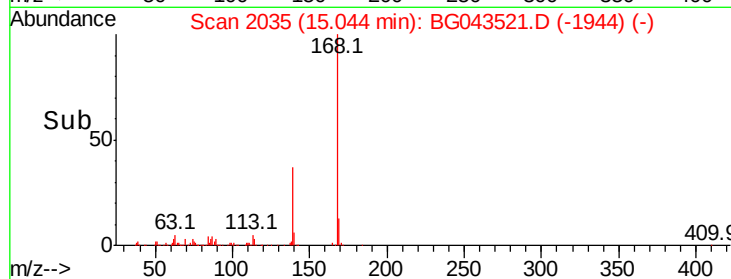
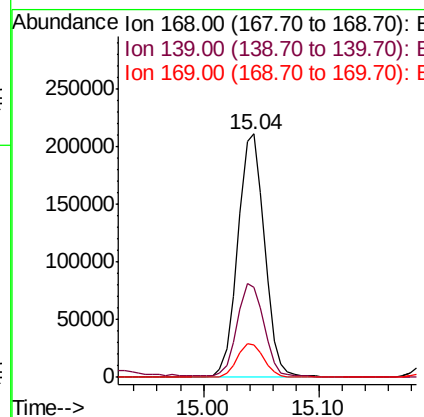
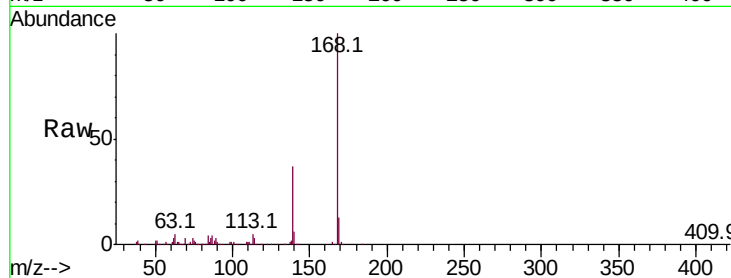




#55
Dibenzofuran
Concen: 40.197 ng
RT: 15.04 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

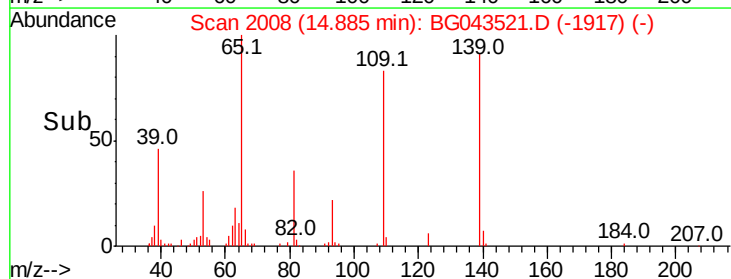
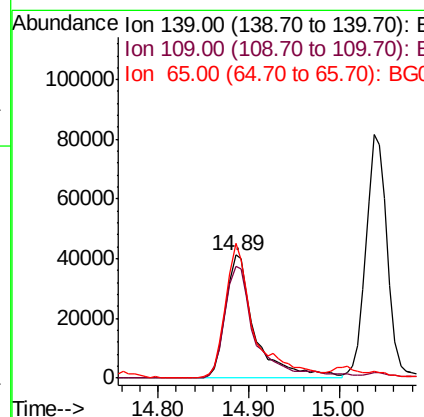
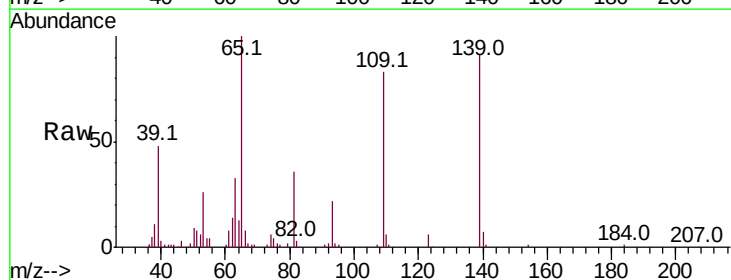
Instrument :
BNA_G
ClientSampled :

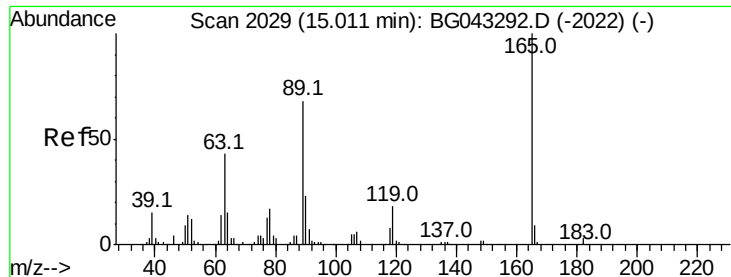
Tot Ion:168 Resp: 338461
Ion Ratio Lower Upper
168 100
139 37.1 31.0 46.6
169 13.5 11.7 17.5



#56
4-Nitrophenol
Concen: 90.637 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Tgt Ion:139 Resp: 93263
Ion Ratio Lower Upper
139 100
109 91.0 87.2 127.2
65 109.4 83.8 123.8

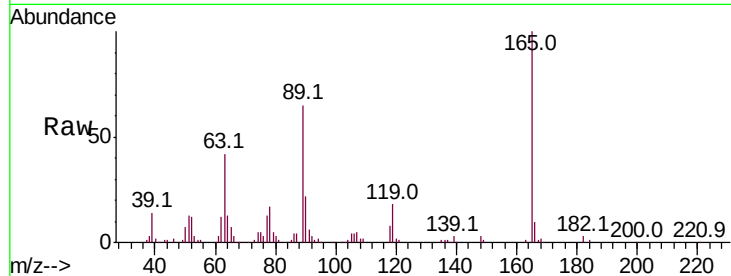




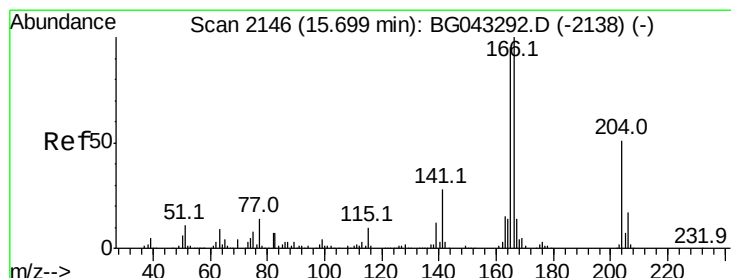
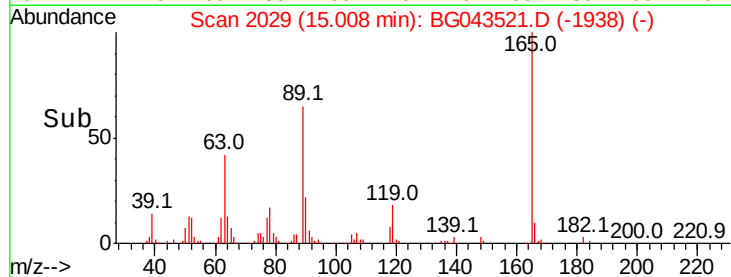
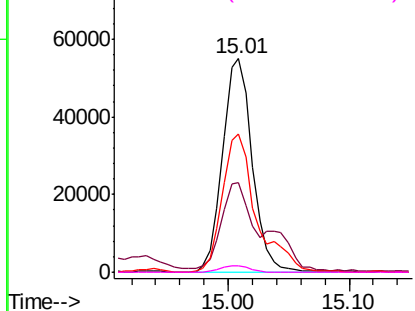
#57
 2,4-Dinitrotoluene
 Concen: 41.293 ng
 RT: 15.01 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BG043521.D
 Acq: 6 Nov 2019 15:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 93852
 Ion Ratio Lower Upper
 165 100
 63 42.1 33.2 49.8
 89 64.8 52.2 78.4
 182 3.0 2.0 3.0

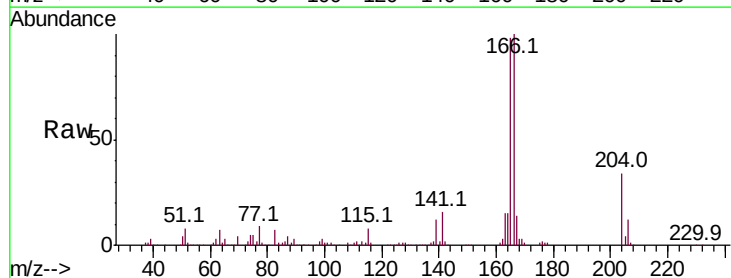


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

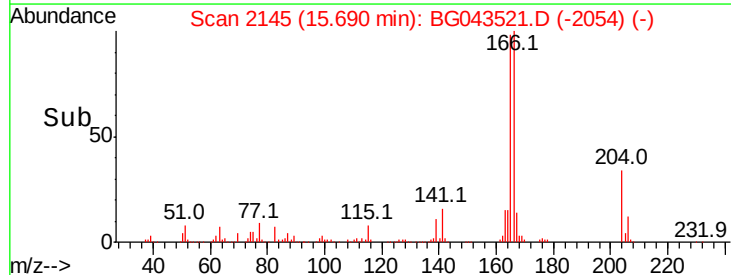
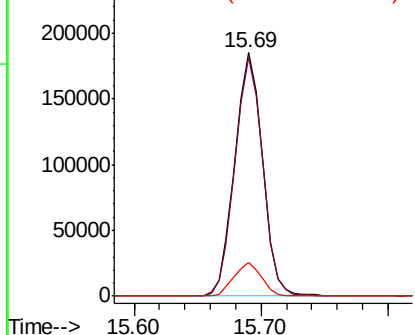


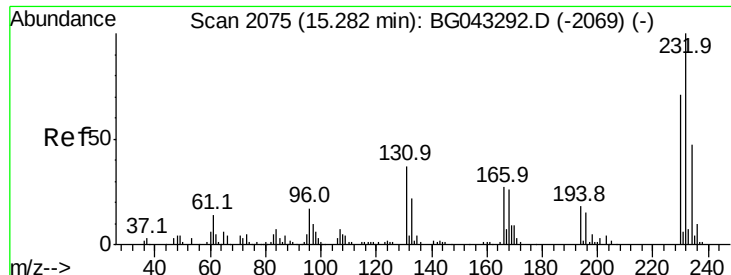
#58
 Fluorene
 Concen: 39.762 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: BG043521.D
 Acq: 6 Nov 2019 15:39

Tgt Ion:166 Resp: 280803
 Ion Ratio Lower Upper
 166 100
 165 98.2 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

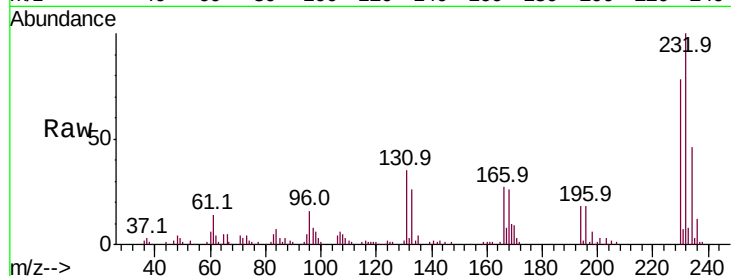




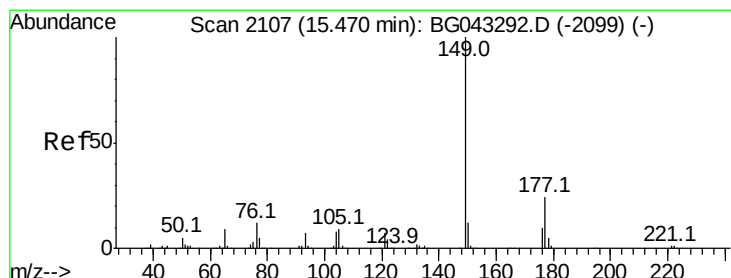
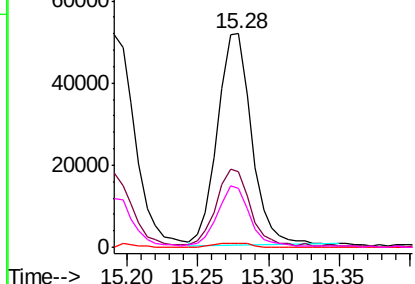
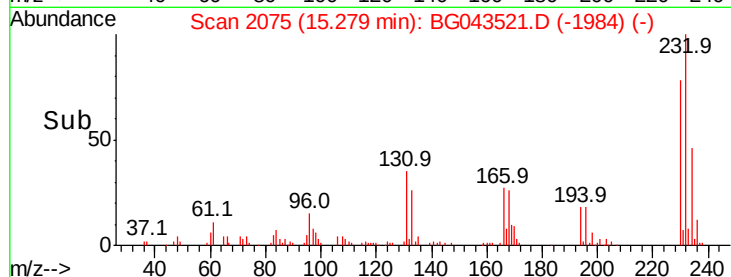
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.326 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. 0.00 min
 Lab File: BG043521.D
 Acq: 6 Nov 2019 15:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	87010
Ion	Ratio	Lower	Upper
232	100		
131	37.2	26.9	40.3
130	2.0	1.8	2.6
166	27.4	20.9	31.3

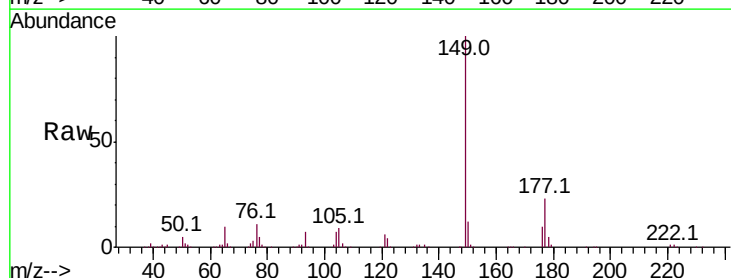


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

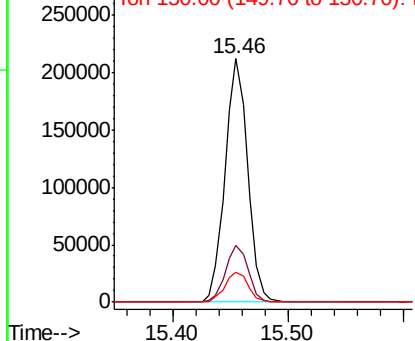
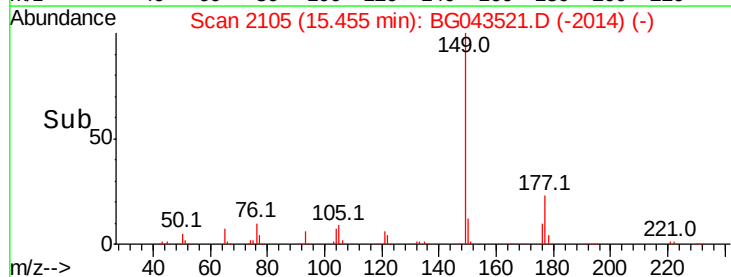


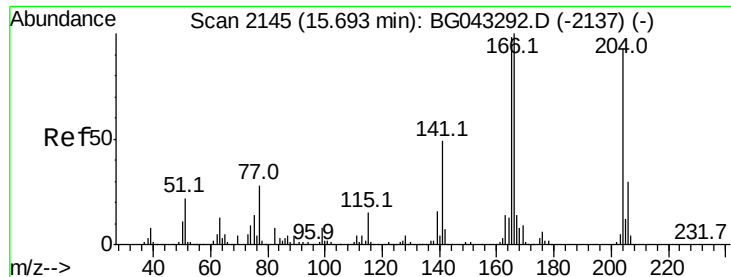
#60
 Diethylphthalate
 Concen: 39.057 ng
 RT: 15.46 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BG043521.D
 Acq: 6 Nov 2019 15:39

Tgt Ion:	149	Resp:	287287
Ion	Ratio	Lower	Upper
149	100		
177	23.2	19.6	29.4
150	12.3	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

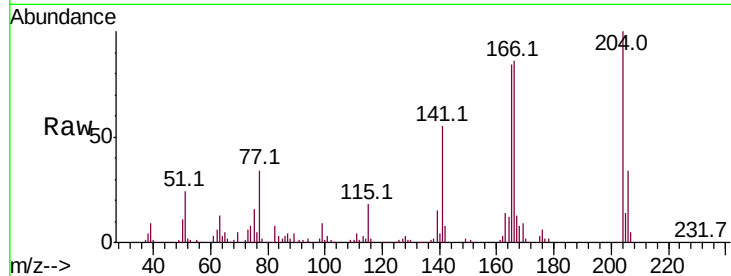




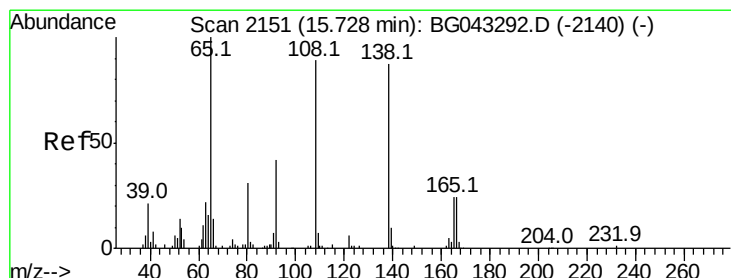
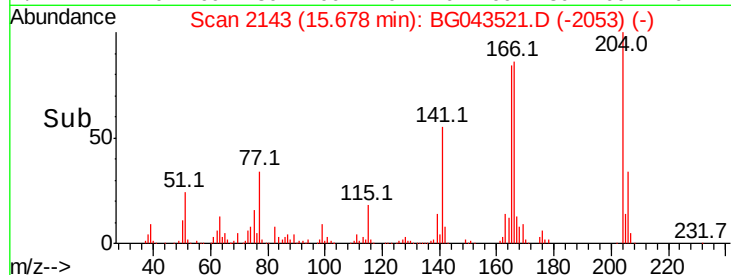
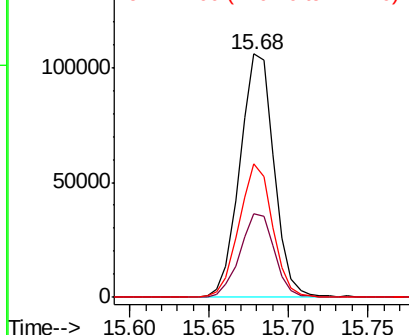
#61
4-Chlorophenyl-phenylether
Concen: 38.426 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 158311
Ion Ratio Lower Upper
204 100
206 34.3 28.4 42.6
141 55.0 43.0 64.6

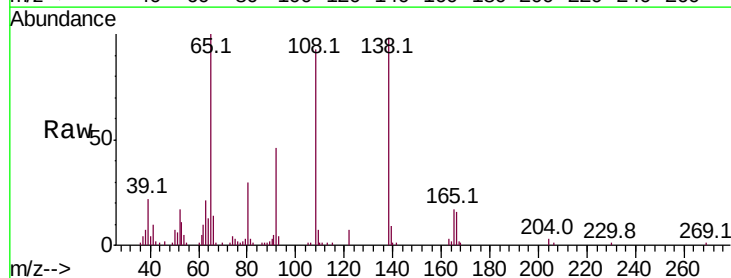


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

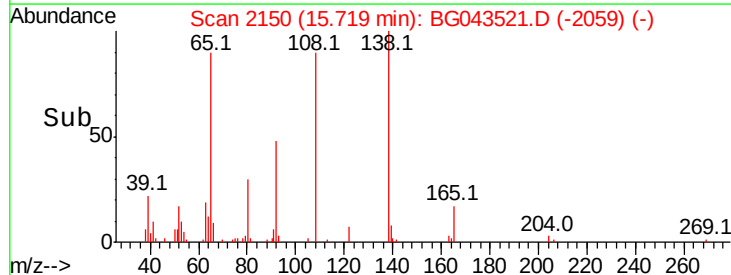
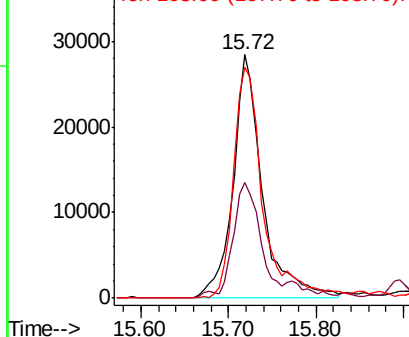


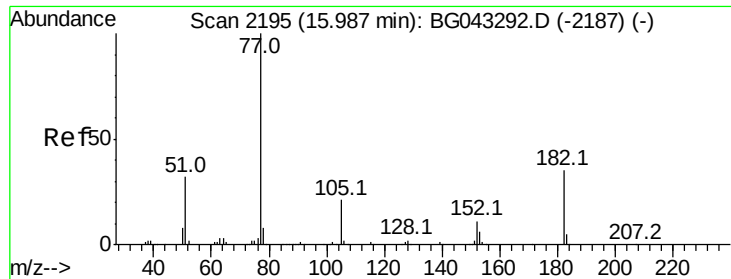
#62
4-Nitroaniline
Concen: 40.759 ng
RT: 15.72 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Tgt Ion:138 Resp: 64635
Ion Ratio Lower Upper
138 100
92 47.4 33.4 73.4
108 94.6 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: 39.330 ng

RT: 15.97 min Scan# 2193

Delta R.T. -0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 234135

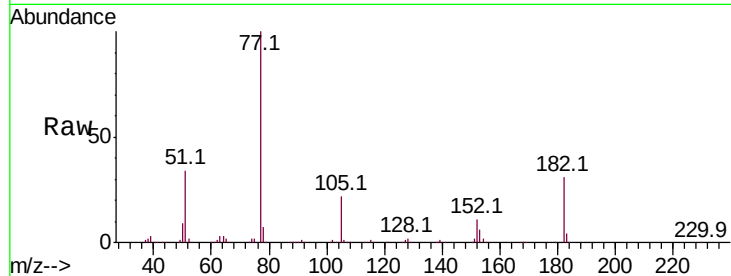
Ion Ratio Lower Upper

77 100

182 31.5 13.7 53.7

105 22.2 0.4 40.4

51 33.7 11.0 51.0

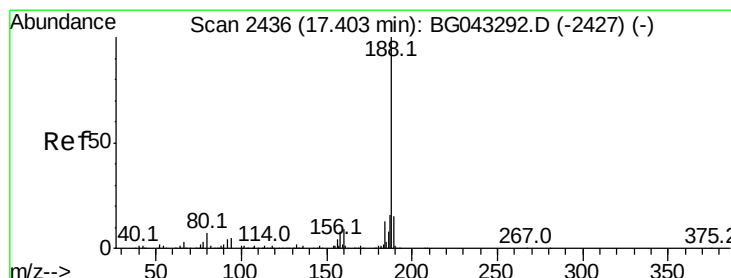
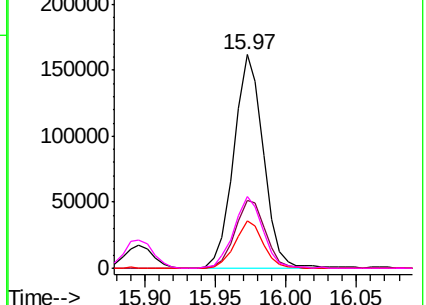
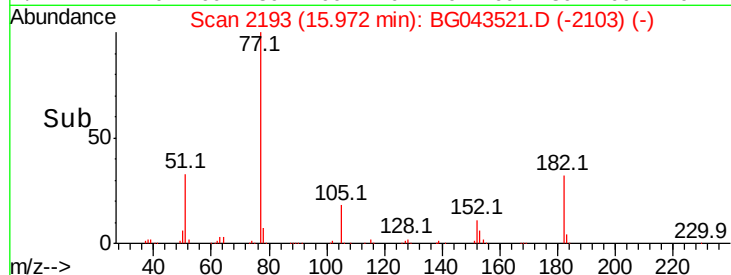


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.39 min Scan# 2434

Delta R.T. -0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

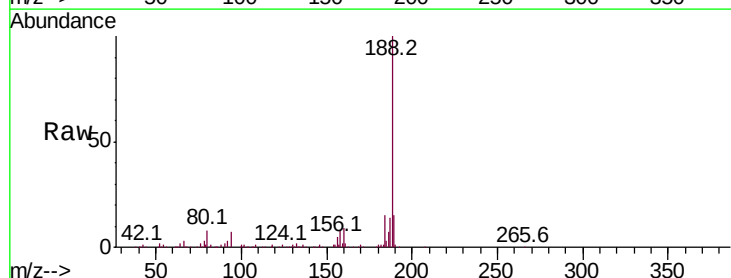
Tgt Ion: 188 Resp: 221387

Ion Ratio Lower Upper

188 100

94 6.7 4.2 6.4#

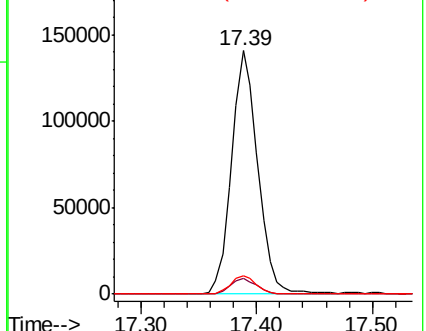
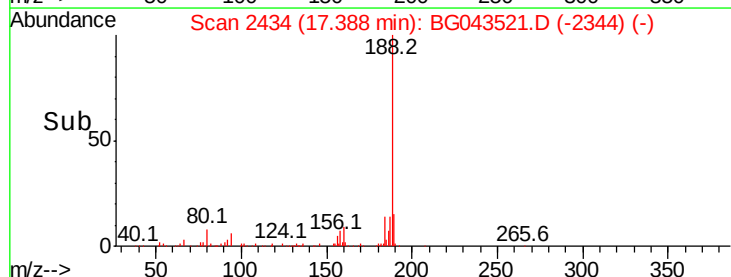
80 7.8 4.5 6.7#

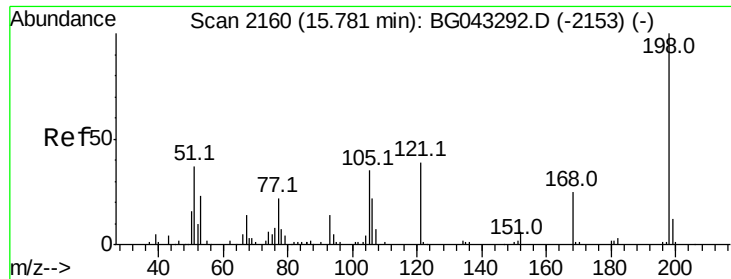


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 45.359 ng

RT: 15.78 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

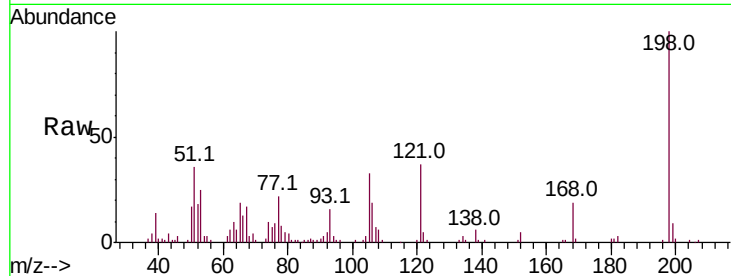
Instrument :

BNA_G

ClientSampled :

Tot Ion:198 Resp: 59097

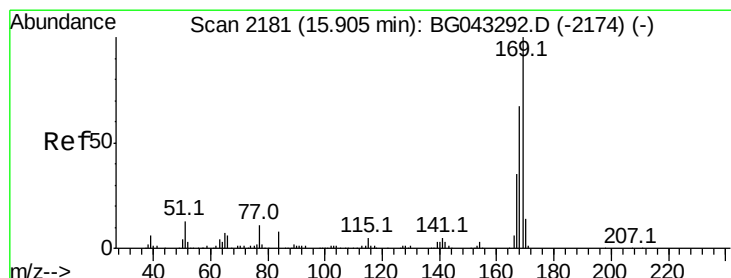
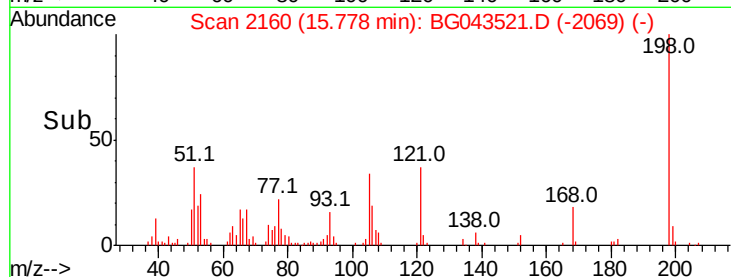
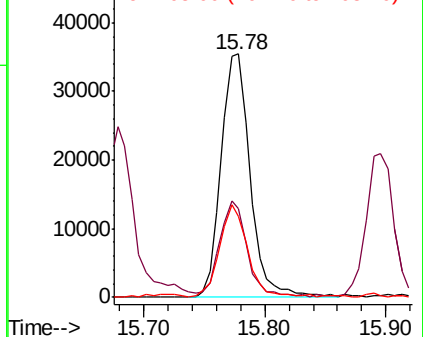
Ion	Ratio	Lower	Upper
198	100		
51	36.4	13.2	53.2
105	33.4	15.8	55.8



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: 40.175 ng

RT: 15.90 min Scan# 2180

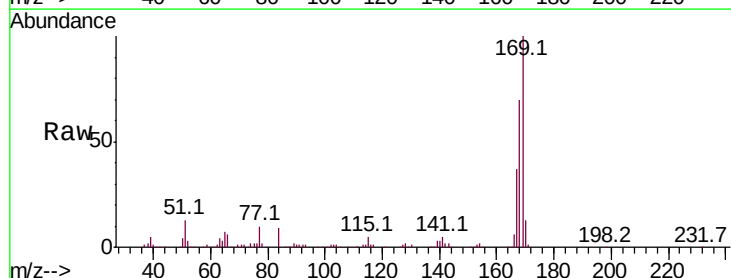
Delta R.T. 0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Tgt Ion:169 Resp: 251106

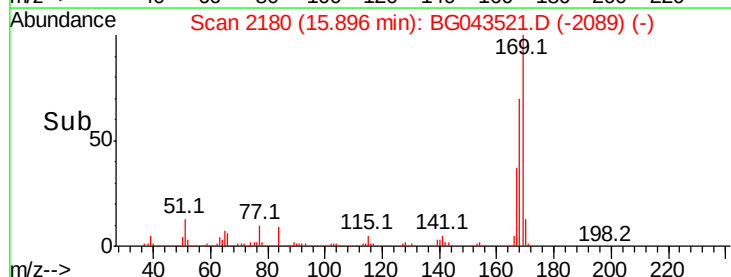
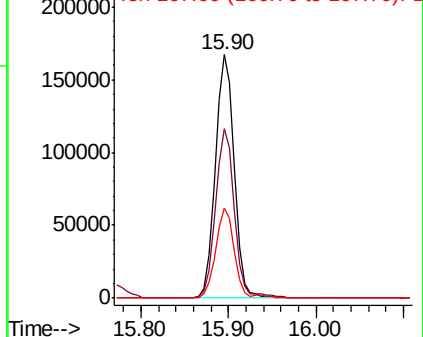
Ion	Ratio	Lower	Upper
169	100		
168	69.7	53.8	80.6
167	36.9	27.5	41.3

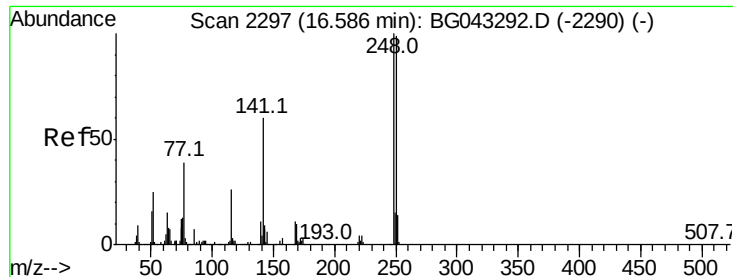


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 38.215 ng

RT: 16.57 min Scan# 2295

Delta R.T. -0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Instrument :

BNA_G

ClientSampleId :

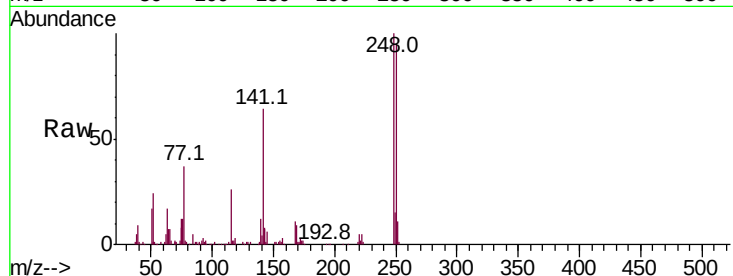
Tot Ion:248 Resp: 113858

Ion Ratio Lower Upper

248 100

250 94.9 77.0 115.4

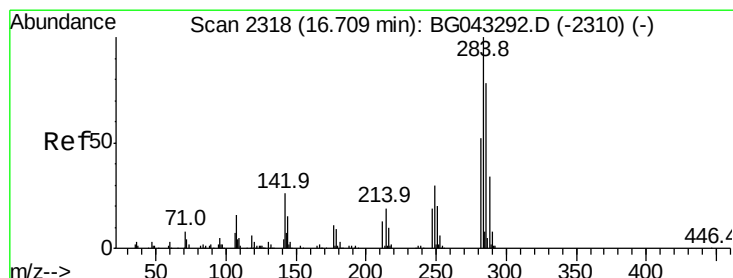
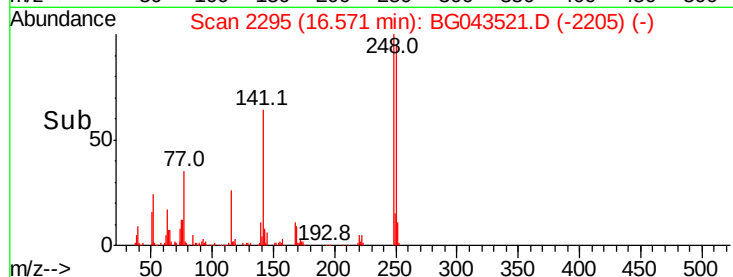
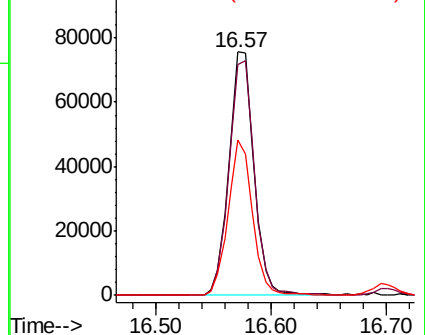
141 64.0 47.5 71.3



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: 36.575 ng

RT: 16.70 min Scan# 2317

Delta R.T. 0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

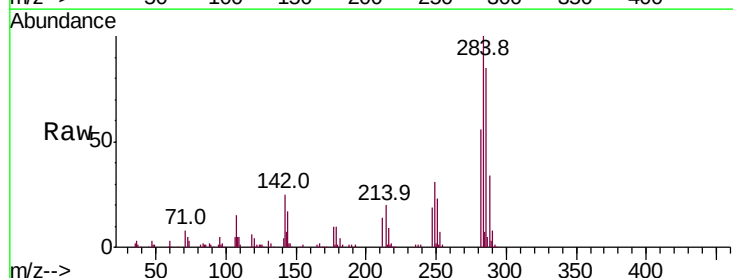
Tgt Ion:284 Resp: 125084

Ion Ratio Lower Upper

284 100

142 25.0 19.8 29.8

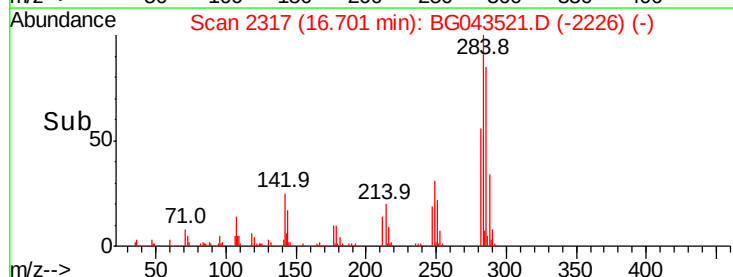
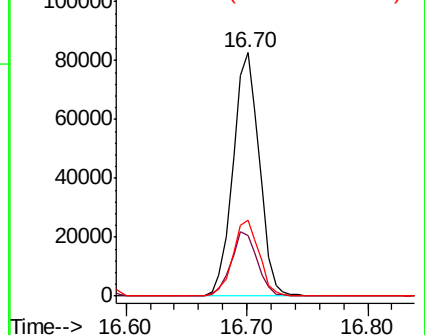
249 31.1 23.8 35.6

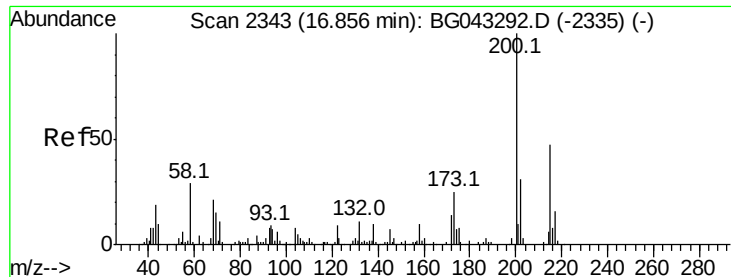


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

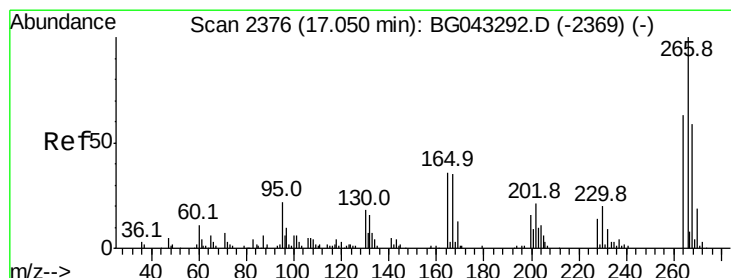
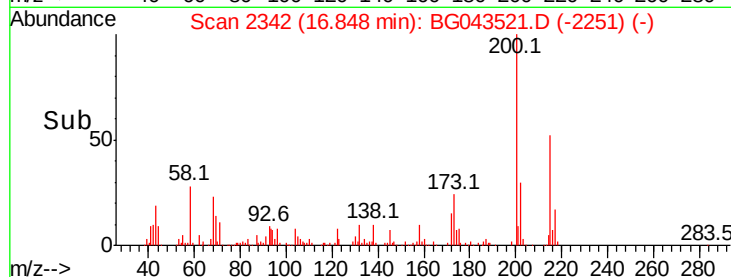
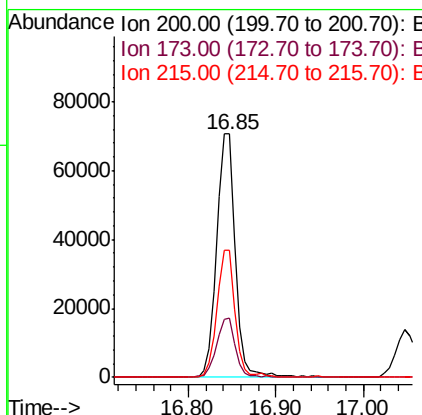
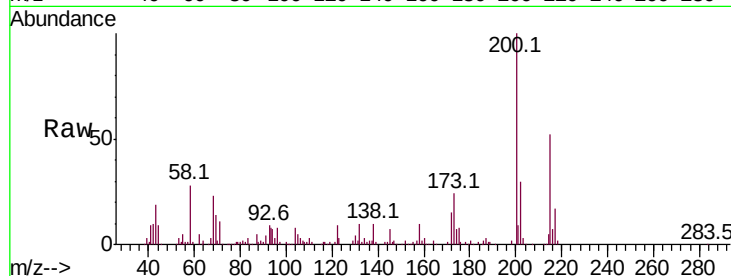




#69
 Atrazine
 Concen: 48.621 ng
 RT: 16.85 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: BG043521.D
 Acq: 6 Nov 2019 15:39

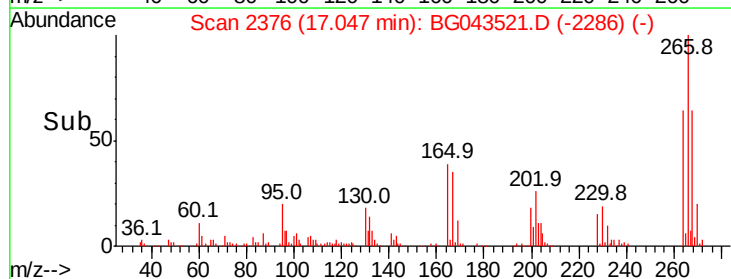
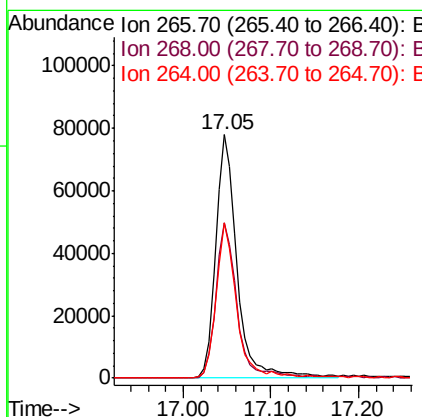
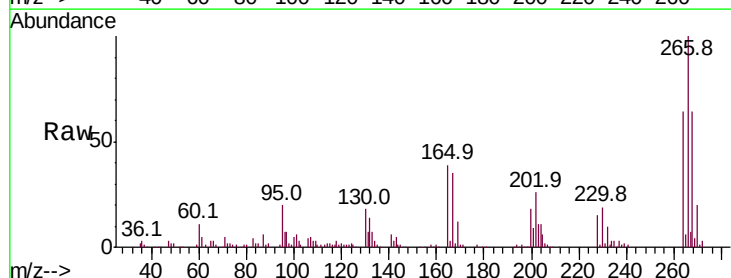
Instrument :
 BNA_G
 ClientSampled :

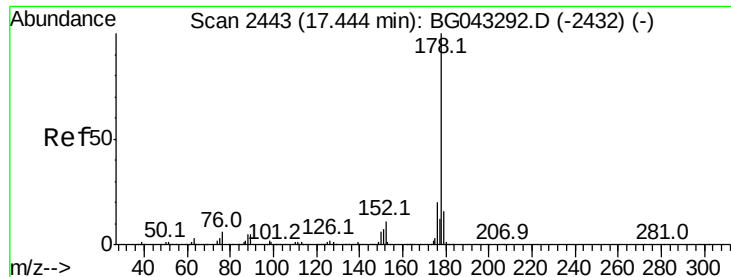
Tot Ion:200 Resp: 105597
 Ion Ratio Lower Upper
 200 100
 173 24.4 4.7 44.7
 215 52.2 28.5 68.5



#70
 Pentachlorophenol
 Concen: 85.167 ng
 RT: 17.05 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: BG043521.D
 Acq: 6 Nov 2019 15:39

Tgt Ion:266 Resp: 132720
 Ion Ratio Lower Upper
 266 100
 268 63.6 50.4 75.6
 264 63.8 48.9 73.3

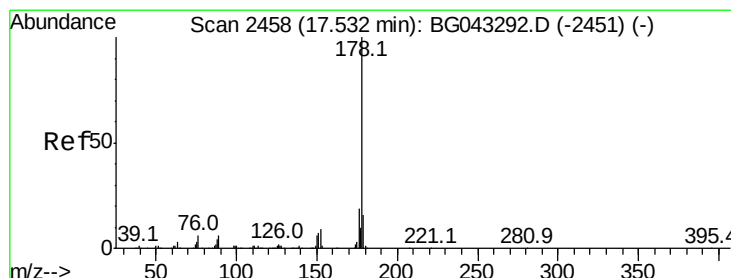
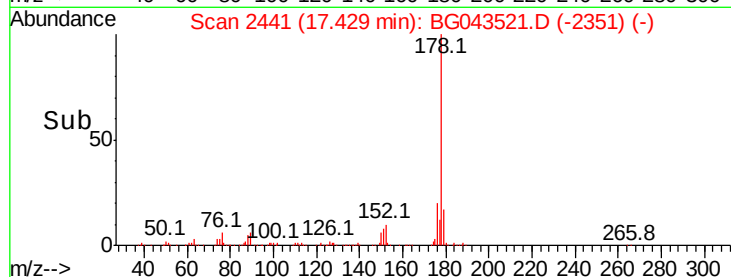
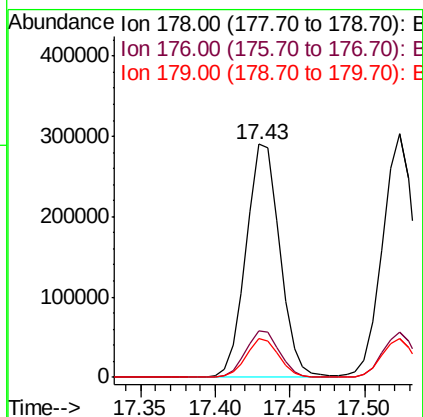
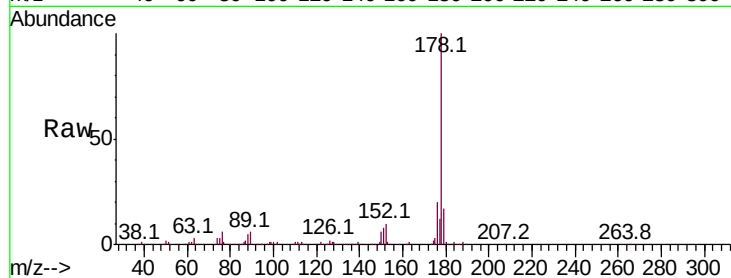




#71
Phenanthrene
Concen: 40.101 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

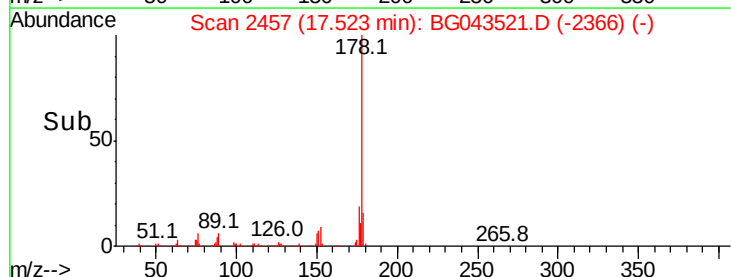
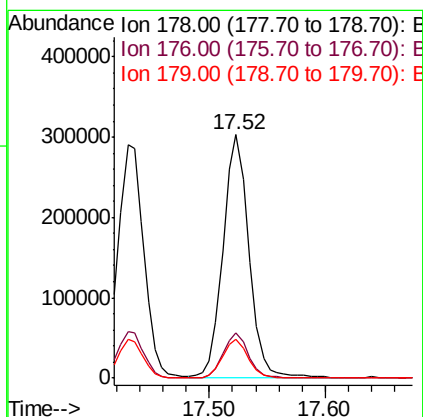
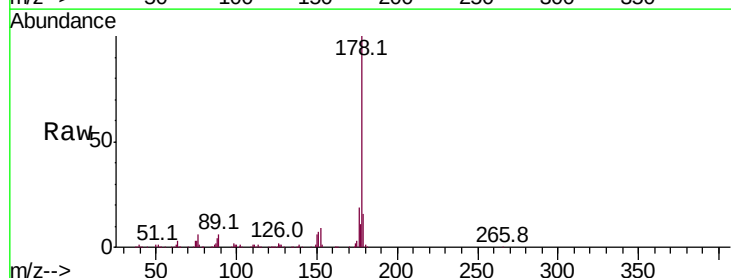
Instrument :
BNA_G
ClientSampleId :

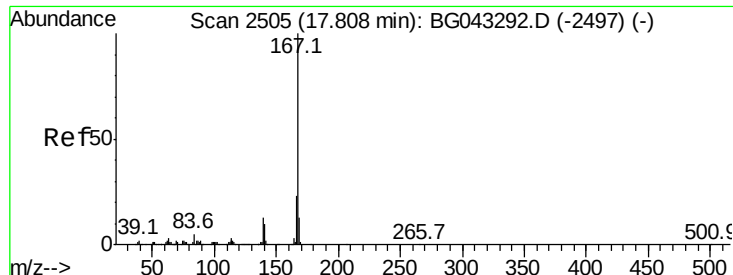
Tot Ion:178 Resp: 454617
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.0
179 16.7 13.0 19.6



#72
Anthracene
Concen: 41.158 ng
RT: 17.52 min Scan# 2457
Delta R.T. 0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Tgt Ion:178 Resp: 466835
Ion Ratio Lower Upper
178 100
176 18.8 15.5 23.3
179 16.0 13.7 20.5





#73

Carbazole

Concen: 42.568 ng

RT: 17.79 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Instrument :

BNA_G

ClientSampleId :

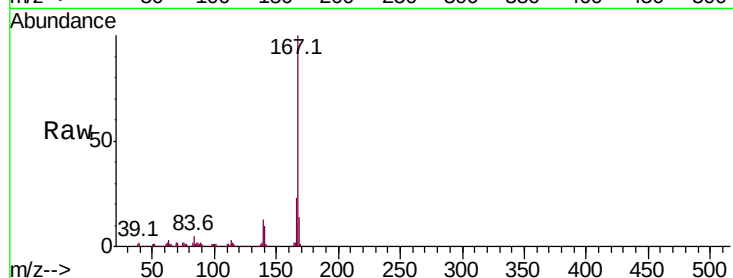
Tot Ion:167 Resp: 437233

Ion Ratio Lower Upper

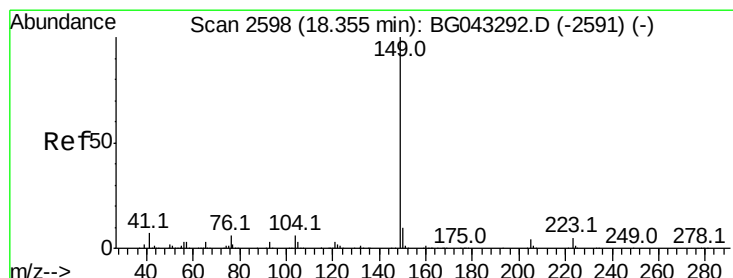
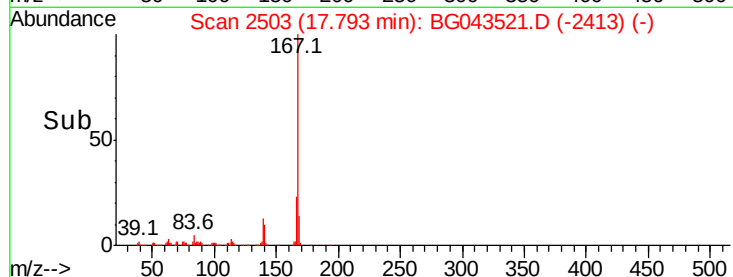
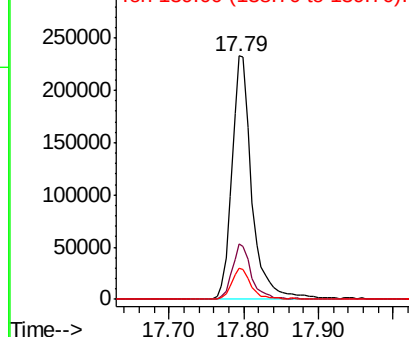
167 100

166 22.8 18.7 28.1

139 12.9 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: 41.104 ng

RT: 18.35 min Scan# 2597

Delta R.T. 0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

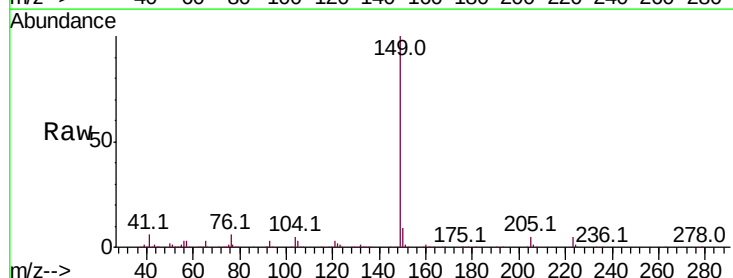
Tgt Ion:149 Resp: 512284

Ion Ratio Lower Upper

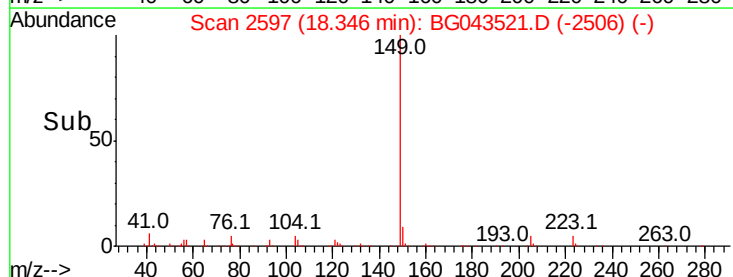
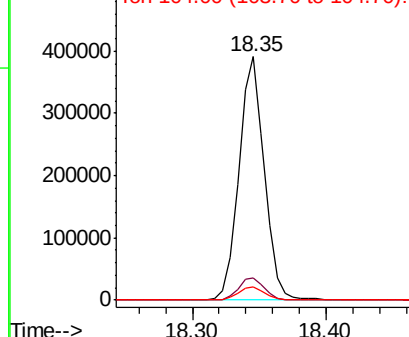
149 100

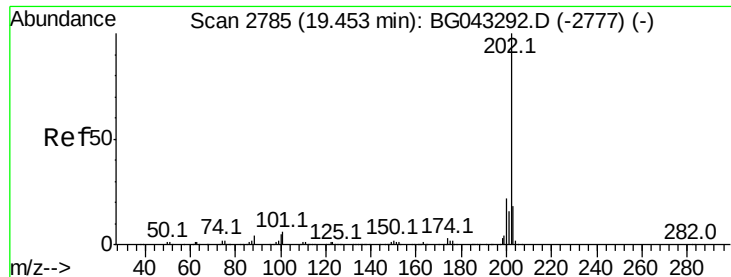
150 9.3 8.0 12.0

104 5.2 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: 41.198 ng

RT: 19.44 min Scan# 2784

Delta R.T. 0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Instrument :

BNA_G

ClientSampleId :

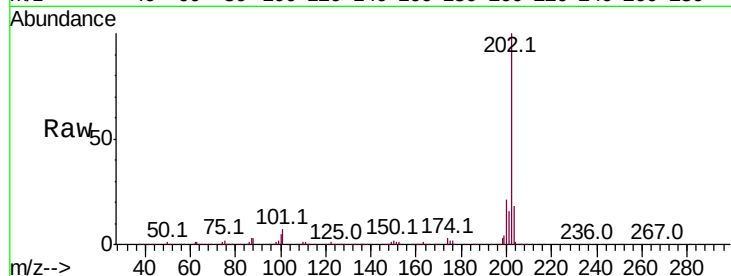
Tot Ion:202 Resp: 608893

Ion Ratio Lower Upper

202 100

101 6.5 0.0 26.3

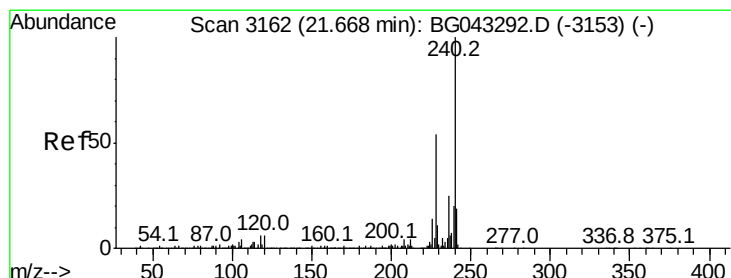
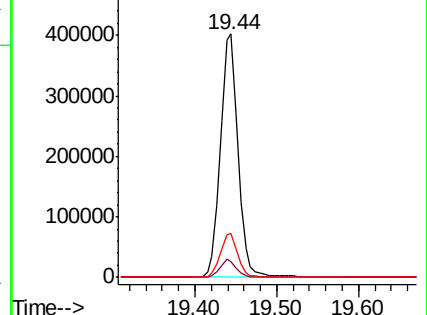
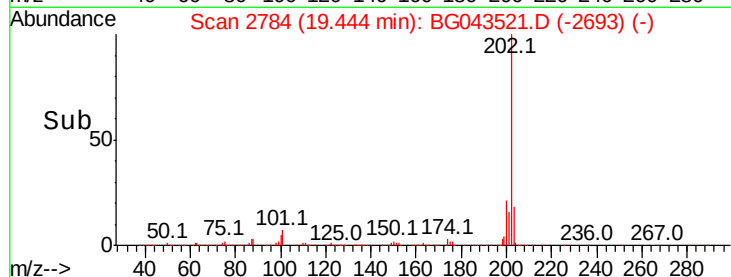
203 18.2 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3161

Delta R.T. 0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

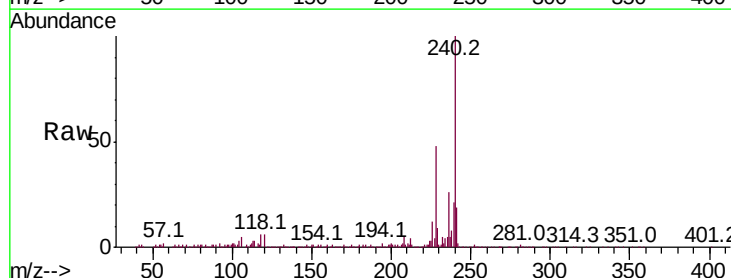
Tgt Ion:240 Resp: 253481

Ion Ratio Lower Upper

240 100

120 6.3 4.6 6.8

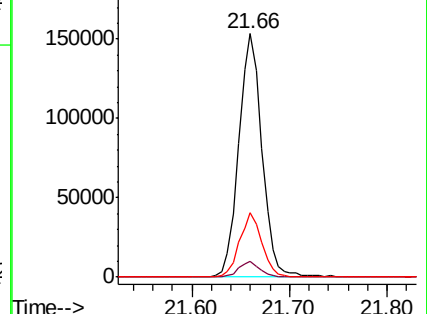
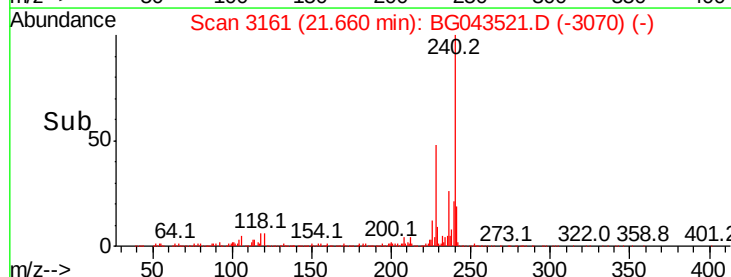
236 26.2 19.8 29.8

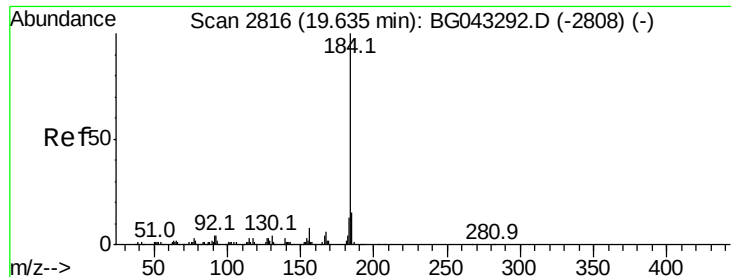


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.285 ng

RT: 19.63 min Scan# 2815

Delta R.T. 0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

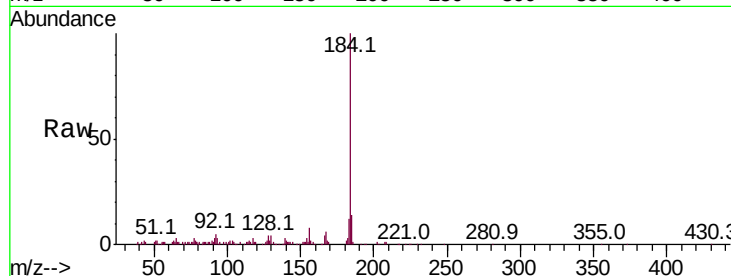
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 128986

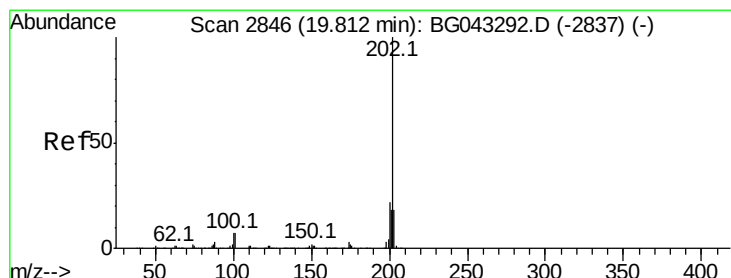
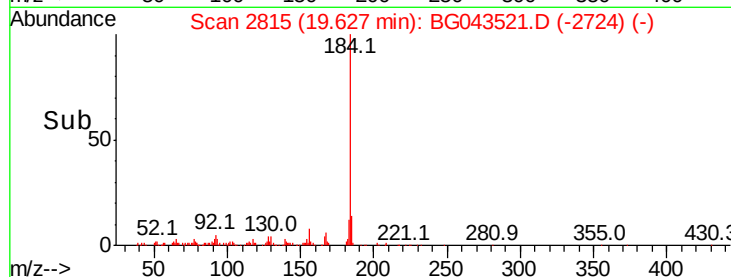
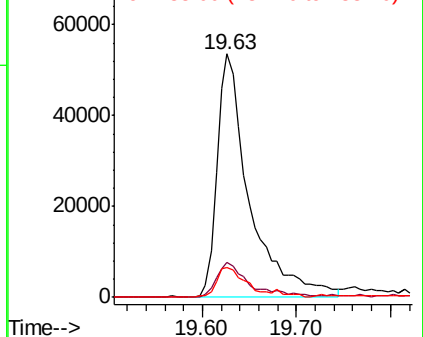
Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.0	16.4
183	12.0	10.0	15.0



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: 39.382 ng

RT: 19.80 min Scan# 2845

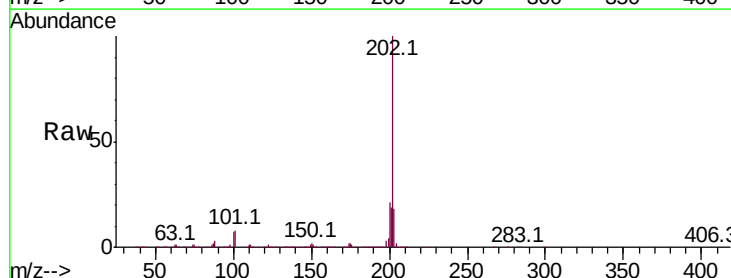
Delta R.T. 0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Tgt Ion:202 Resp: 617917

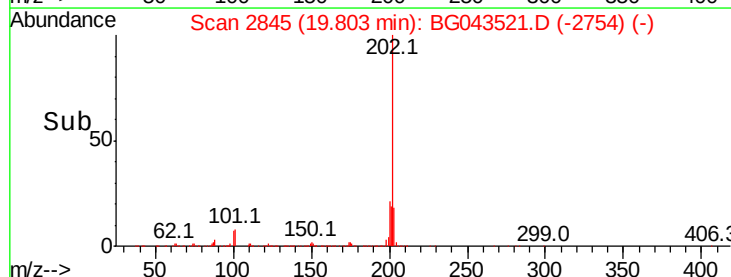
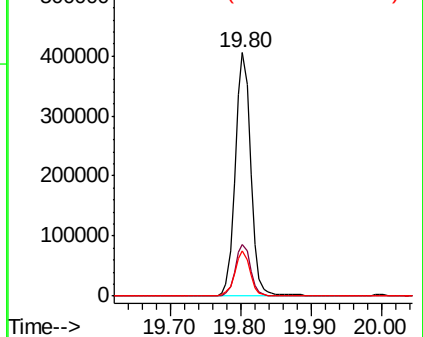
Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	18.5	14.7	22.1

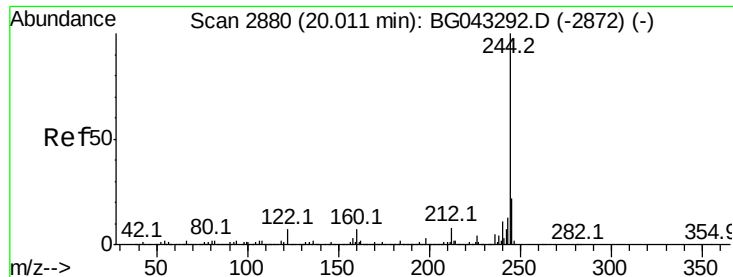


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 61.567 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Instrument :

BNA_G

ClientSampleId :

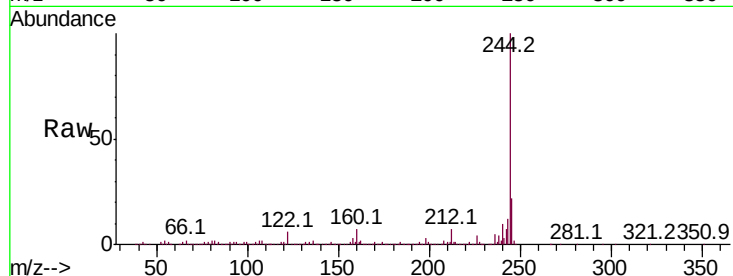
Tot Ion:244 Resp: 831858

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

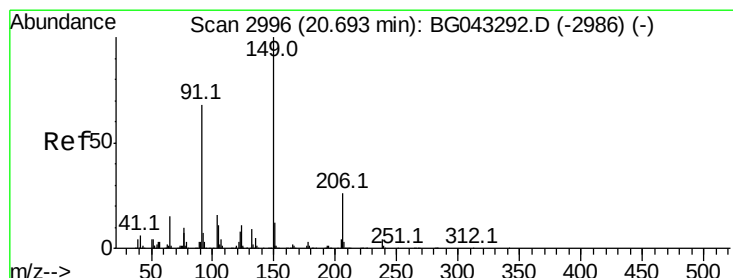
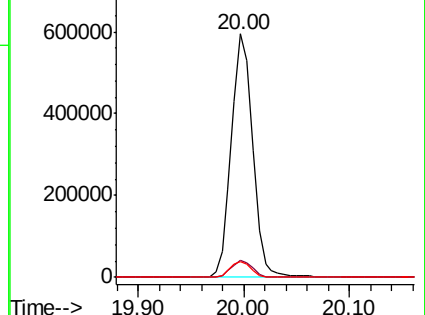
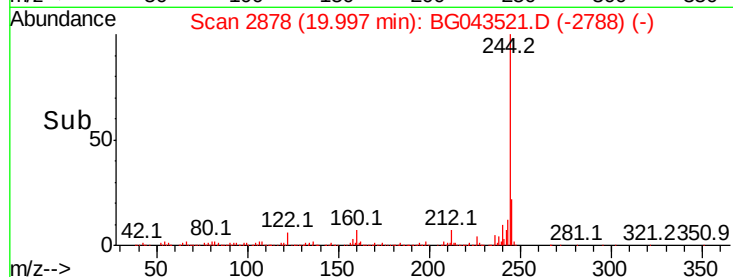
122 6.3 5.4 8.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.963 ng

RT: 20.68 min Scan# 2995

Delta R.T. -0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

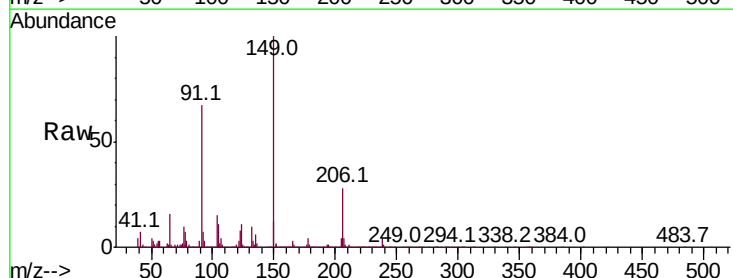
Tgt Ion:149 Resp: 231613

Ion Ratio Lower Upper

149 100

91 67.0 51.2 76.8

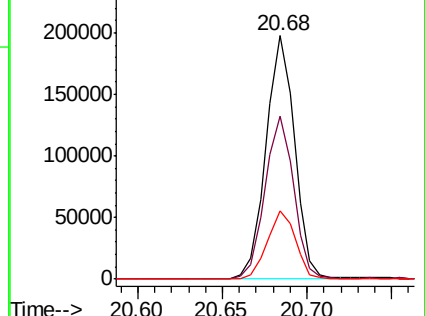
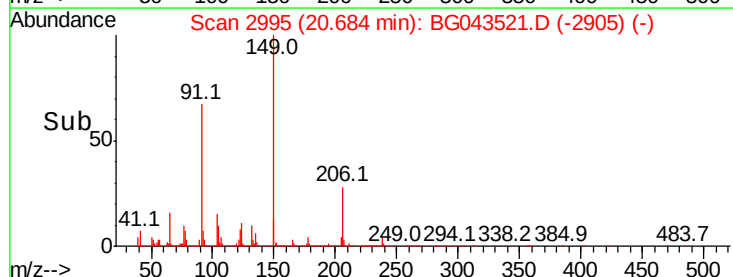
206 27.8 22.5 33.7

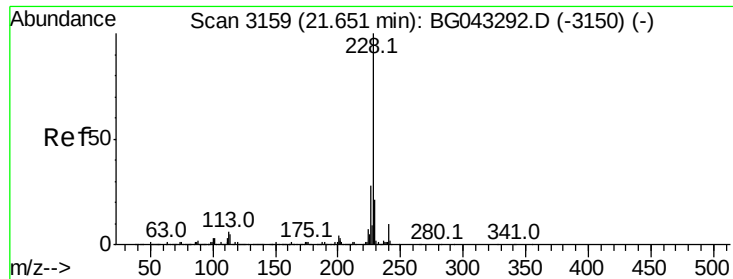


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.367 ng

RT: 21.64 min Scan# 3158

Delta R.T. 0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Instrument :

BNA_G

ClientSampled :

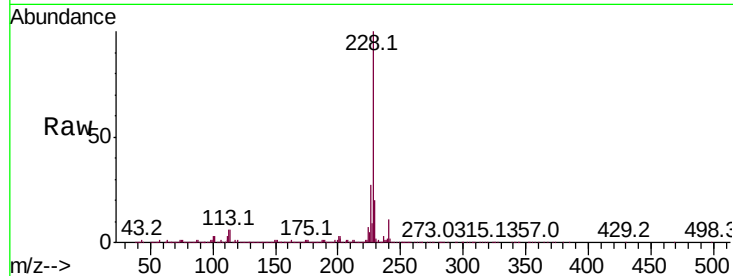
Tot Ion:228 Resp: 640940

Ion Ratio Lower Upper

228 100

226 26.9 22.2 33.2

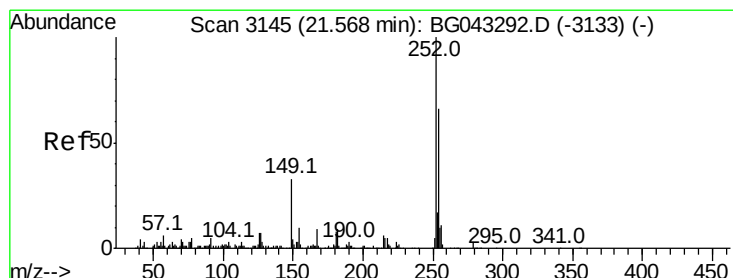
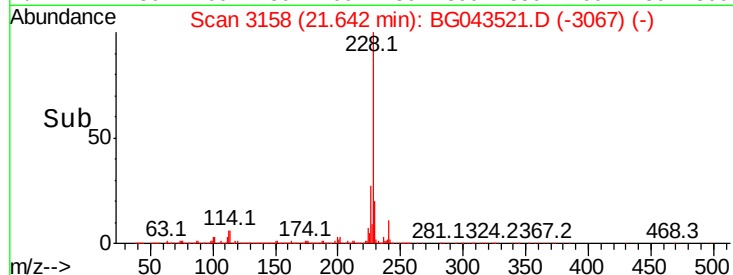
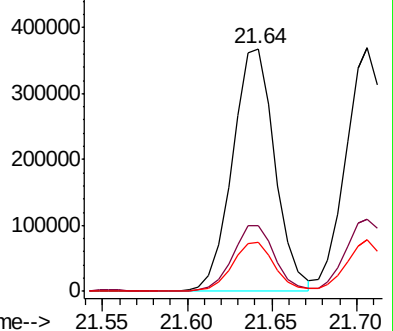
229 20.4 17.0 25.4



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: 34.537 ng

RT: 21.55 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

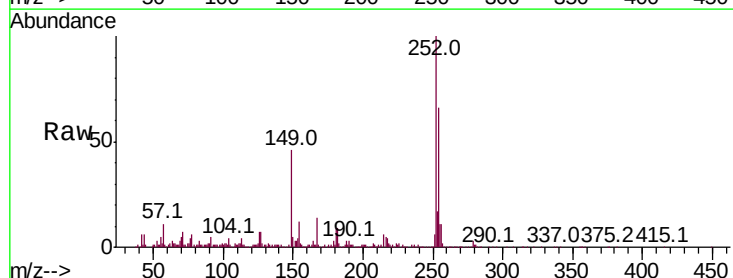
Tgt Ion:252 Resp: 212098

Ion Ratio Lower Upper

252 100

254 65.8 50.8 76.2

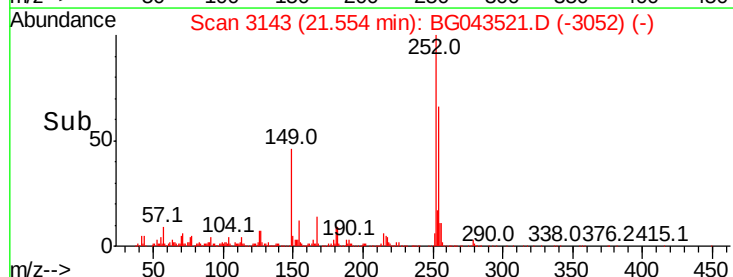
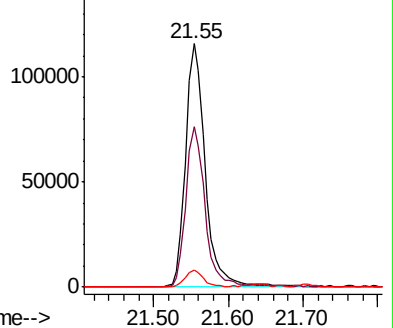
126 7.1 6.1 9.1

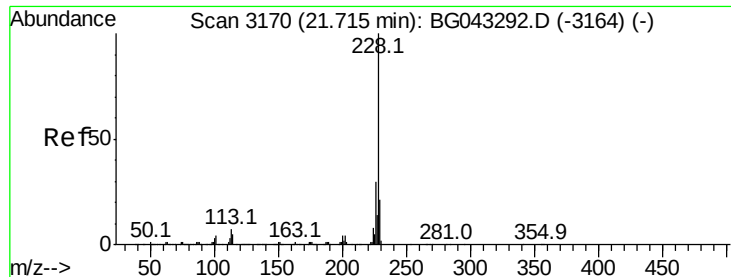


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.000 ng

RT: 21.71 min Scan# 3169

Delta R.T. 0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

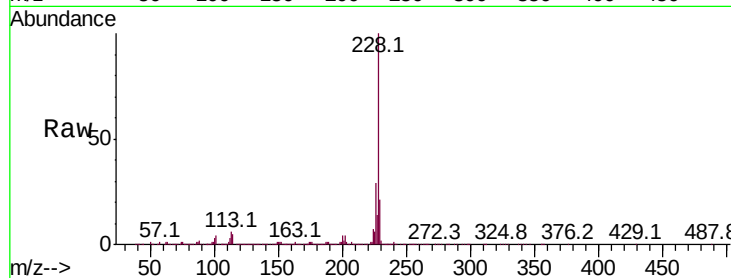
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 631038

Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.1	37.7
229	21.0	17.0	25.4

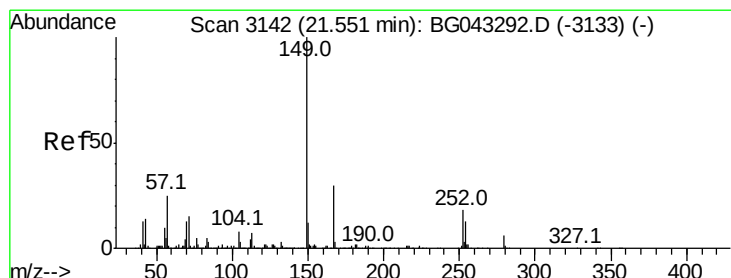
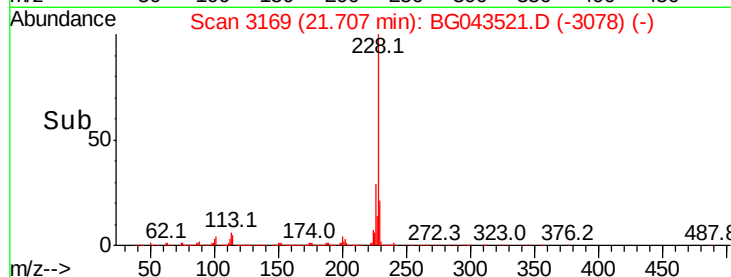
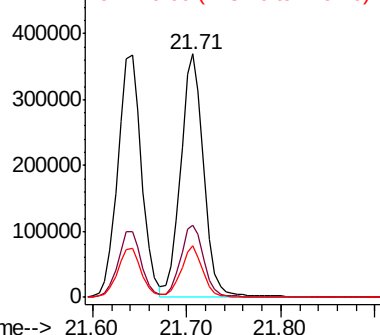


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.859 ng

RT: 21.54 min Scan# 3140

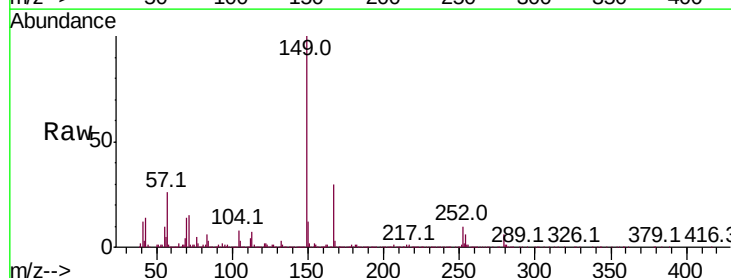
Delta R.T. -0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Tgt Ion:149 Resp: 345020

Ion	Ratio	Lower	Upper
149	100		
167	30.4	24.0	36.0
279	6.1	5.4	8.2

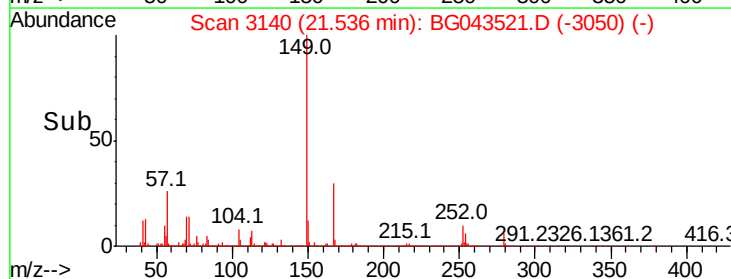
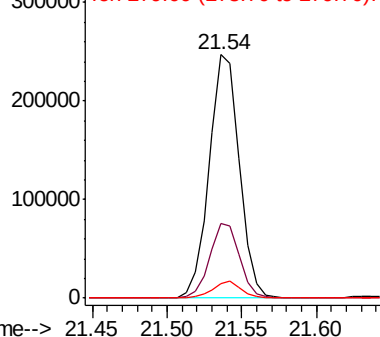


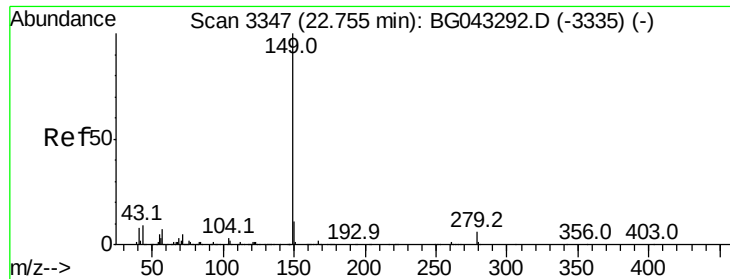
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.230 ng

RT: 22.73 min Scan# 3344

Delta R.T. -0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Instrument :

BNA_G

ClientSampleId :

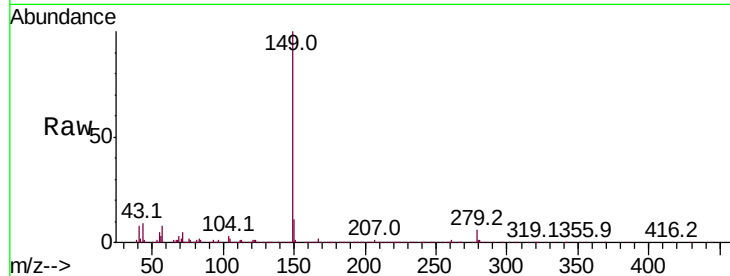
Tot Ion:149 Resp: 590656

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

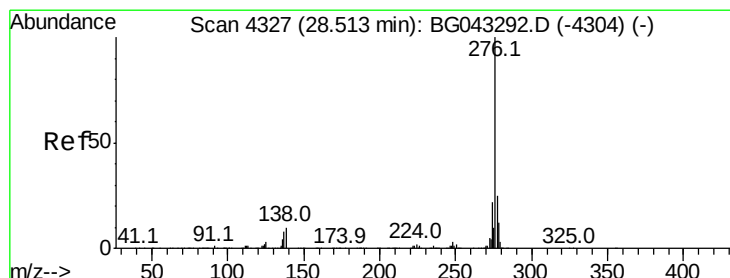
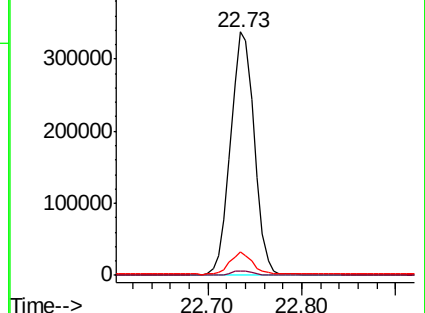
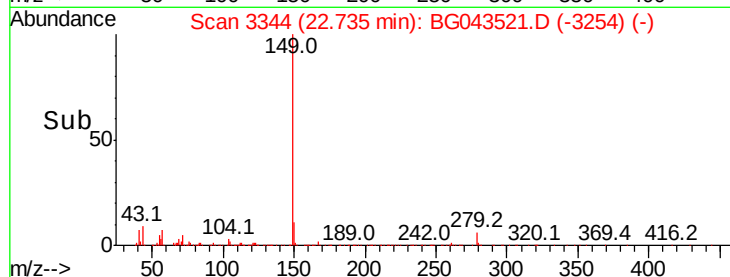
43 8.7 7.0 10.6



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: 41.301 ng

RT: 28.51 min Scan# 4327

Delta R.T. 0.02 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

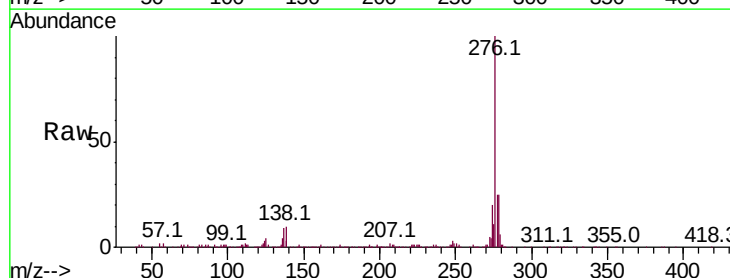
Tgt Ion:276 Resp: 817879

Ion Ratio Lower Upper

276 100

138 5.8 6.8 10.2#

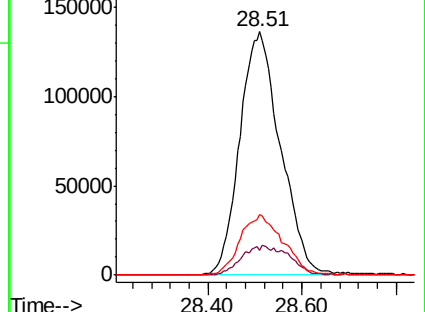
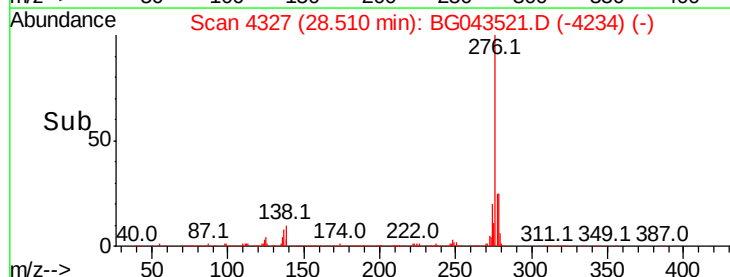
277 26.2 20.9 31.3

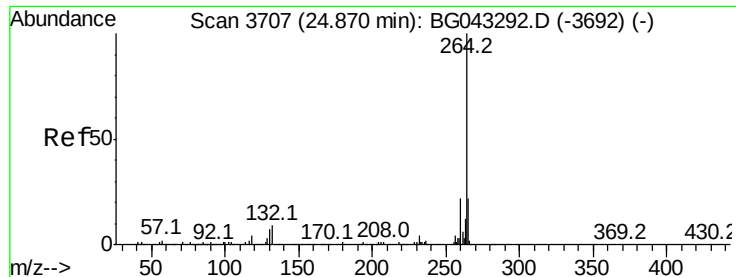


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3705

Delta R.T. 0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

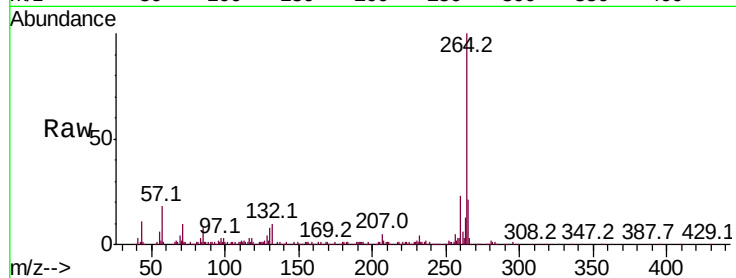
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 231702

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.5	26.3
265	21.4	17.4	26.0

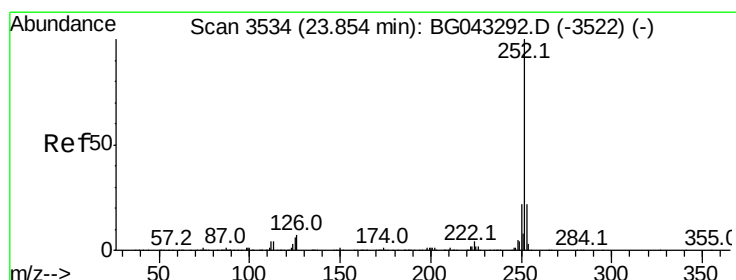
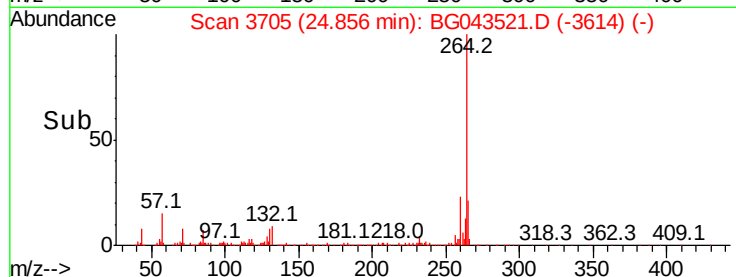
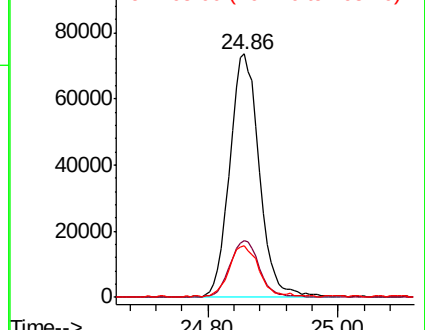


Abundance

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: 50.992 ng

RT: 23.85 min Scan# 3533

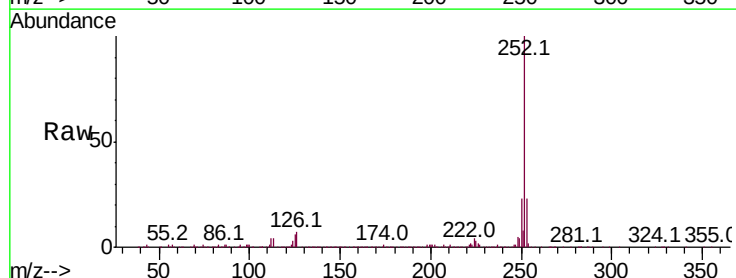
Delta R.T. 0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Tgt Ion:252 Resp: 669165

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.7	26.5
125	5.9	4.5	6.7

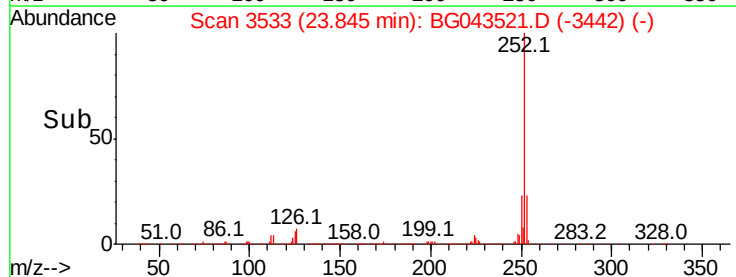
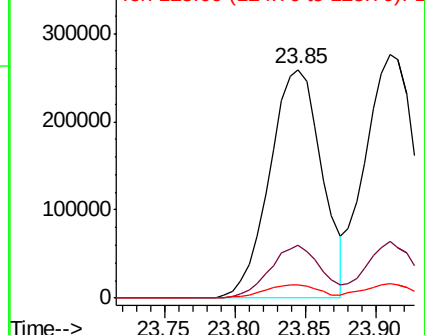


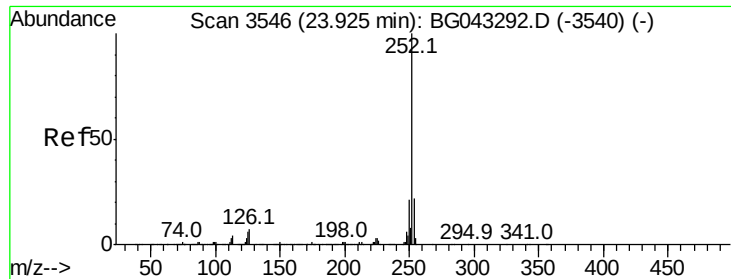
Abundance

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

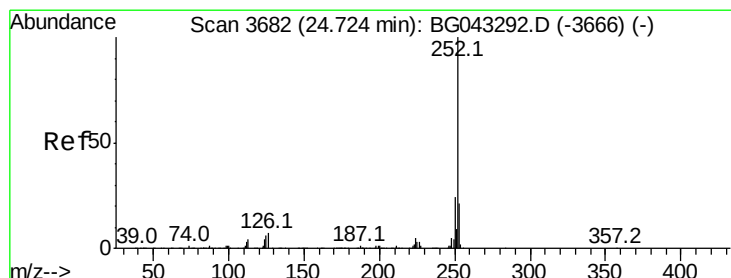
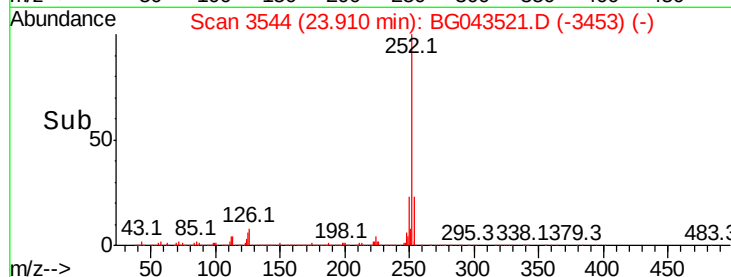
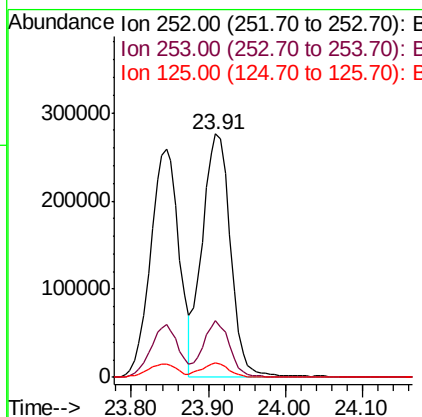
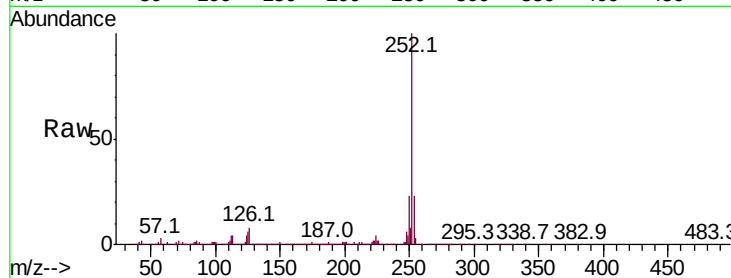




#89
Benzo(k)fluoranthene
Concen: 52.547 ng
RT: 23.91 min Scan# 3544
Delta R.T. 0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

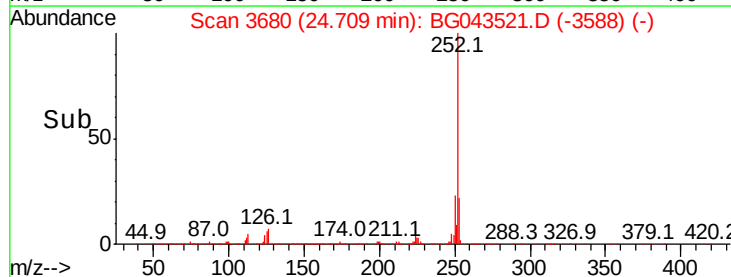
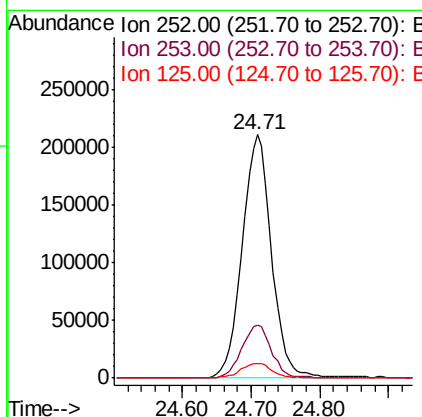
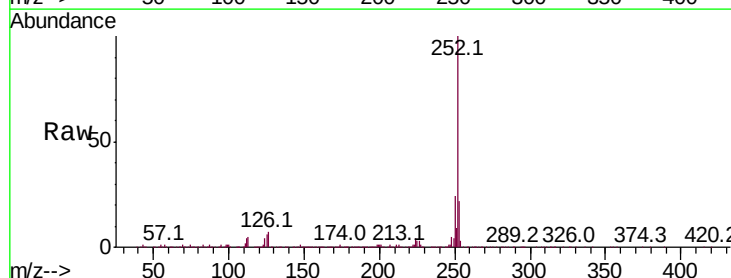
Instrument :
BNA_G
ClientSampleId :

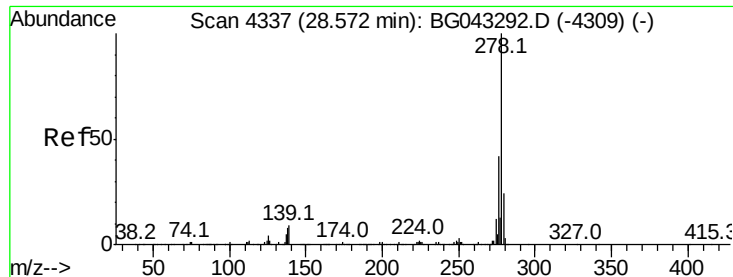
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.3	25.9
125	5.9	4.6	6.8



#90
Benzo(a)pyrene
Concen: 49.907 ng
RT: 24.71 min Scan# 3680
Delta R.T. 0.01 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	5.9	5.4	8.2





#91

Dibenzo(a,h)anthracene

Concen: 54.477 ng

RT: 28.57 min Scan# 4337

Delta R.T. 0.02 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Instrument :

BNA_G

ClientSampleId :

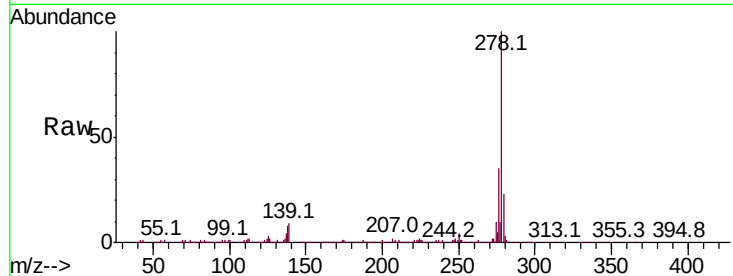
Tot Ion:278 Resp: 698274

Ion Ratio Lower Upper

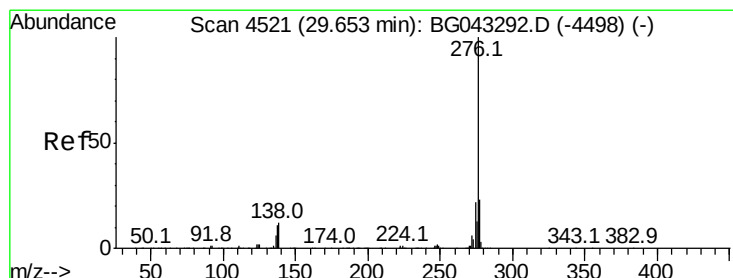
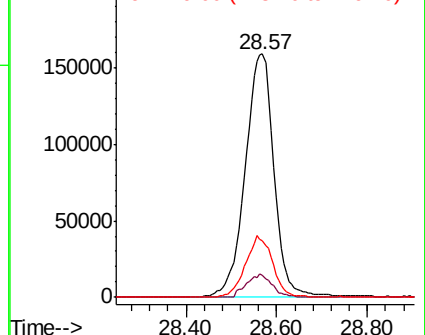
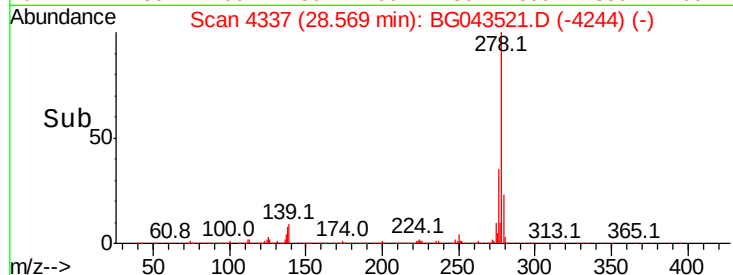
278 100

139 9.1 7.4 11.0

279 23.2 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: 54.754 ng

RT: 29.65 min Scan# 4521

Delta R.T. 0.02 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

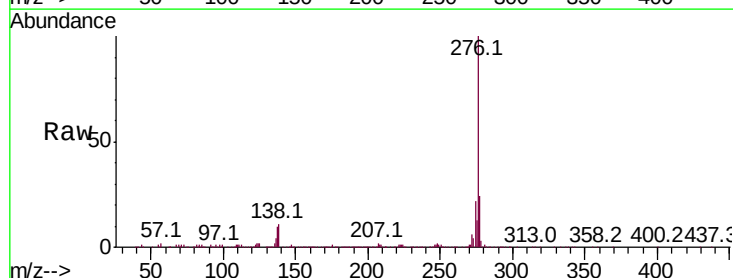
Tgt Ion:276 Resp: 692279

Ion Ratio Lower Upper

276 100

277 24.3 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

