

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090619\
 Data File : BG042751.D
 Acq On : 6 Sep 2019 16:55
 Operator : HP/JU
 Sample : PB122813BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 06 17:43:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	27011	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	124184	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	103985	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	263930	20.00	ng	0.00
76) Chrysene-d12	21.69	240	216000	20.00	ng	0.00
87) Perylene-d12	24.93	264	205645	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	181371	135.99	ng	0.00
7) Phenol-d6	7.17	99	235461	130.70	ng	0.00
23) Nitrobenzene-d5	9.16	82	121168	67.43	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	193198	130.72	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	438244	71.28	ng	0.00
79) Terphenyl-d14	20.02	244	873655	87.44	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.41	88	17667	31.743	ng	97
3) Pyridine	3.81	79	39418	27.620	ng	91
4) n-Nitrosodimethylamine	3.73	42	22632	44.399	ng	# 88
6) Aniline	7.31	93	79455	33.067	ng	99
8) 2-Chlorophenol	7.56	128	84064	52.009	ng	98
9) Benzaldehyde	7.12	77	29940	33.196	ng	97
10) Phenol	7.19	94	92602	50.556	ng	93
11) bis(2-Chloroethyl)ether	7.41	93	61069	42.453	ng	99
12) 1,3-Dichlorobenzene	7.88	146	83689	40.701	ng	98
13) 1,4-Dichlorobenzene	8.03	146	88118	42.308	ng	100
14) 1,2-Dichlorobenzene	8.35	146	84978	42.605	ng	98
15) Benzyl Alcohol	8.23	79	63744	49.182	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.52	45	75876	38.916	ng	97
17) 2-Methylphenol	8.45	107	68917	51.083	ng	95
18) Hexachloroethane	9.08	117	28374	39.794	ng	90
19) n-Nitroso-di-n-propylamine	8.80	70	50697	43.438	ng	92
20) 3+4-Methylphenols	8.78	107	93741	50.213	ng	96
22) Acetophenone	8.82	105	114748	43.202	ng	# 98
24) Nitrobenzene	9.20	77	74792	41.100	ng	98
25) Isophorone	9.73	82	143748	40.532	ng	98
26) 2-Nitrophenol	9.93	139	51464	45.128	ng	97
27) 2,4-Dimethylphenol	9.99	122	84035	53.495	ng	98
28) bis(2-Chloroethoxy)methane	10.21	93	87838	39.296	ng	97
29) 2,4-Dichlorophenol	10.47	162	102945	50.088	ng	100
30) 1,2,4-Trichlorobenzene	10.68	180	108334	42.943	ng	97
31) Naphthalene	10.87	128	247661	42.955	ng	99
32) Benzoic acid	10.17	122	33121	32.277	ng	94
33) 4-Chloroaniline	10.98	127	70889	26.635	ng	97
34) Hexachlorobutadiene	11.16	225	72160	42.561	ng	96
35) Caprolactam	11.76	113	17740	25.868	ng	90
36) 4-Chloro-3-methylphenol	12.11	107	96158	49.285	ng	97
37) 2-Methylnaphthalene	12.48	142	213522	46.122	ng	100
38) 1-Methylnaphthalene	12.70	142	197637	44.944	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	148121	44.356	ng	99

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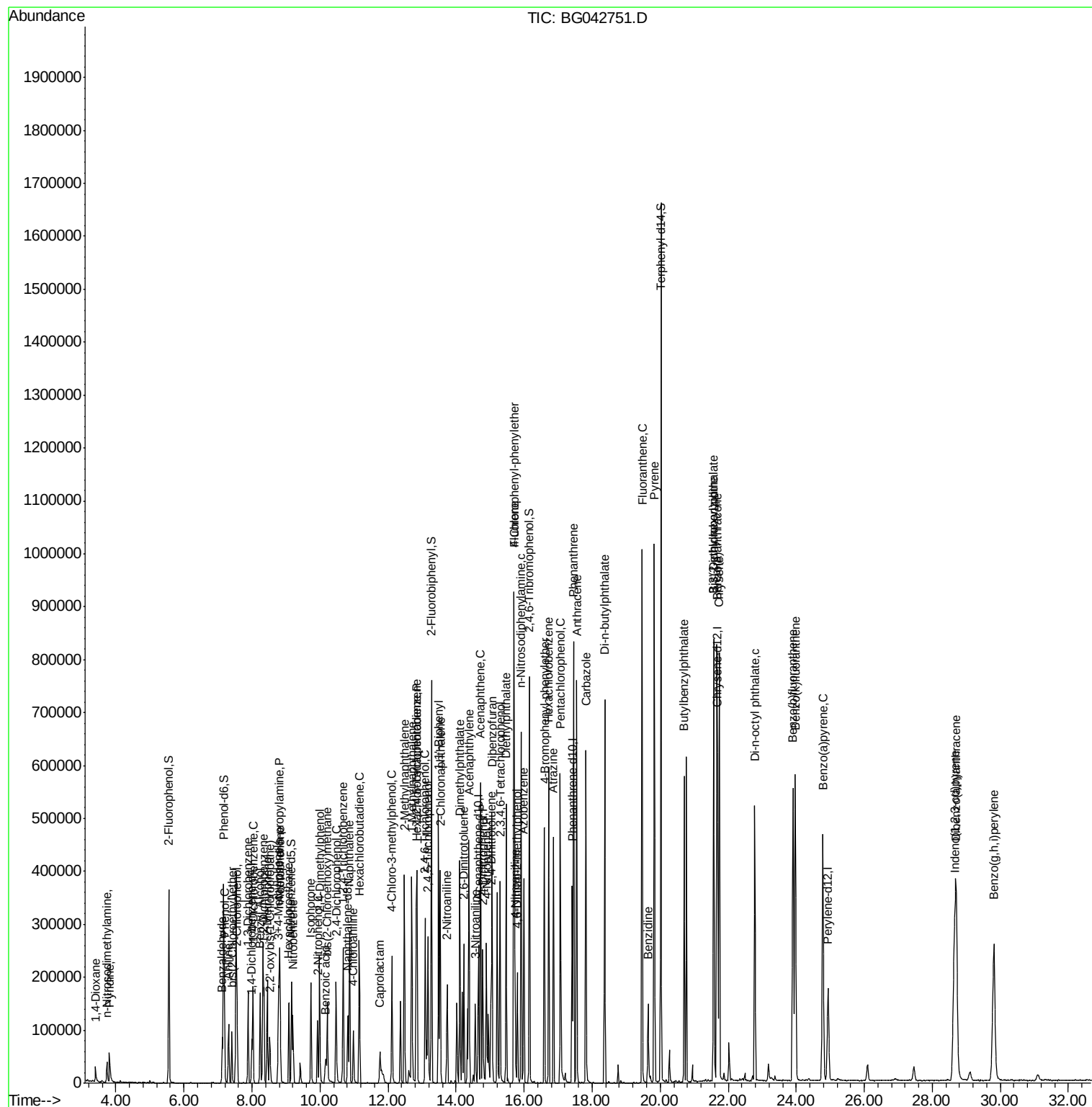
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	93534	53.323	nq	98
43) 2,4,6-Trichlorophenol	13.09	196	99208	43.952	nq	99
44) 2,4,5-Trichlorophenol	13.17	196	106362	45.472	nq	96
46) 1,1'-Biphenyl	13.49	154	290264	43.183	nq	97
47) 2-Chloronaphthalene	13.53	162	238393	41.132	nq	99
48) 2-Nitroaniline	13.73	65	53789	38.486	nq	98
49) Acenaphthylene	14.38	152	379648	43.539	nq	99
50) Dimethylphthalate	14.11	163	327507	43.651	nq	99
51) 2,6-Dinitrotoluene	14.23	165	78318	45.033	nq	98
52) Acenaphthene	14.72	154	222368	41.998	nq	99
53) 3-Nitroaniline	14.56	138	52761	30.335	nq	99
54) 2,4-Dinitrophenol	14.78	184	94079	80.230	nq	99
55) Dibenzofuran	15.06	168	392760	44.814	nq	99
56) 4-Nitrophenol	14.89	139	105352	85.244	nq	94
57) 2,4-Dinitrotoluene	15.03	165	114329	45.908	nq	98
58) Fluorene	15.71	166	325385	45.417	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	107785	46.597	nq	95
60) Diethylphthalate	15.47	149	319972	43.626	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	195541	45.277	nq	98
62) 4-Nitroaniline	15.74	138	78612	42.231	nq	94
63) Azobenzene	15.99	77	204630	40.716	nq	96
65) 4,6-Dinitro-2-methylphenol	15.80	198	78321	47.332	nq	98
66) n-Nitrosodiphenylamine	15.91	169	303421	41.803	nq	100
67) 4-Bromophenyl-phenylether	16.60	248	140417	41.943	nq	96
68) Hexachlorobenzene	16.72	284	150247	41.285	nq	99
69) Atrazine	16.86	200	117165	45.647	nq	98
70) Pentachlorophenol	17.07	266	160980	85.133	nq	99
71) Phenanthrene	17.45	178	570890	43.547	nq	99
72) Anthracene	17.55	178	574904	43.928	nq	99
73) Carbazole	17.81	167	505032	43.298	nq	99
74) Di-n-butylphthalate	18.37	149	584474	42.390	nq	99
75) Fluoranthene	19.47	202	715133	44.697	nq	97
77) Benzidine	19.65	184	131702	21.267	nq	98
78) Pyrene	19.83	202	709667	53.589	nq	98
80) Butylbenzylphthalate	20.71	149	201496	38.684	nq	94
81) Benzo(a)anthracene	21.67	228	575492	43.798	nq	97
82) 3,3'-Dichlorobenzidine	21.58	252	191293	36.199	nq	98
83) Chrysene	21.74	228	555781	43.859	nq	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	280431	38.777	nq	99
85) Di-n-octyl phthalate	22.78	149	499656	40.170	nq	99
86) Indeno(1,2,3-cd)pyrene	28.65	276	719791	41.797	nq	# 97
88) Benzo(b)fluoranthene	23.90	252	613164	54.235	nq	# 97
89) Benzo(k)fluoranthene	23.98	252	615286	56.619	nq	# 98
90) Benzo(a)pyrene	24.79	252	608016	56.675	nq	# 98
91) Dibenzo(a,h)anthracene	28.71	278	606391	55.826	nq	98
92) Benzo(g,h,i)perylene	29.81	276	604306	55.625	nq	# 95

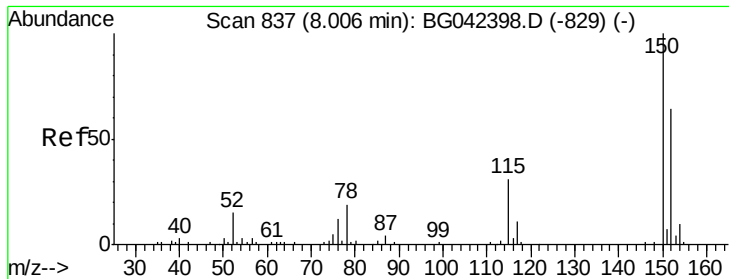
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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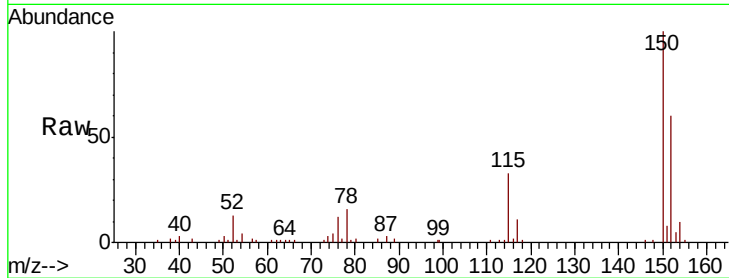


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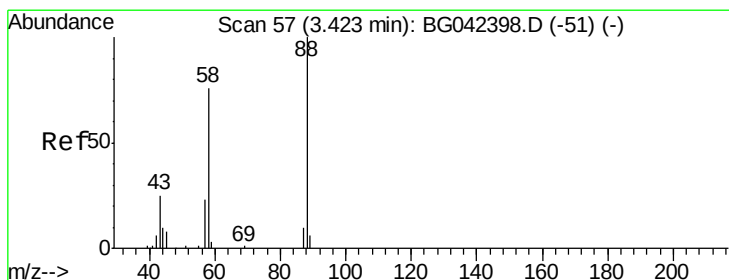
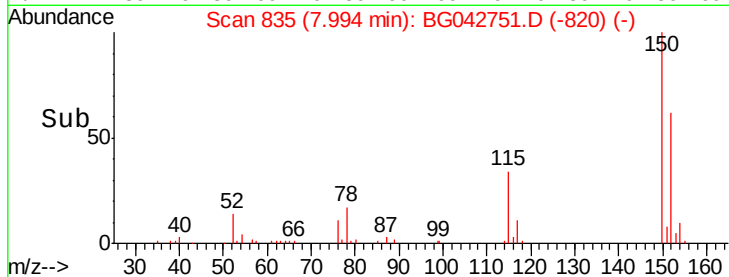
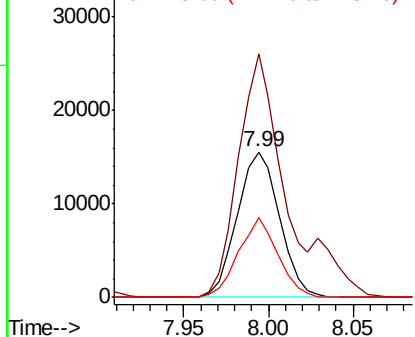
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042751.D
Acq: 6 Sep 2019 16:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 27011
Ion Ratio Lower Upper
152 100
150 167.5 125.4 188.0
115 54.5 38.5 57.7



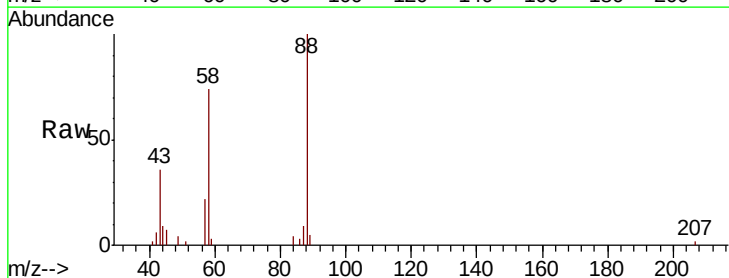
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



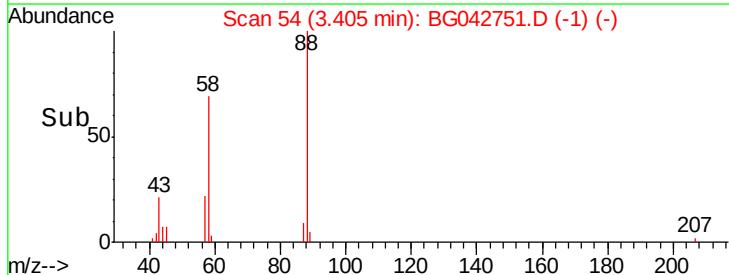
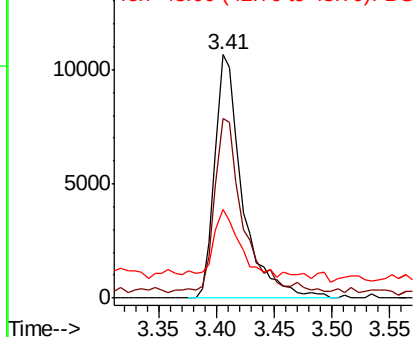
#2

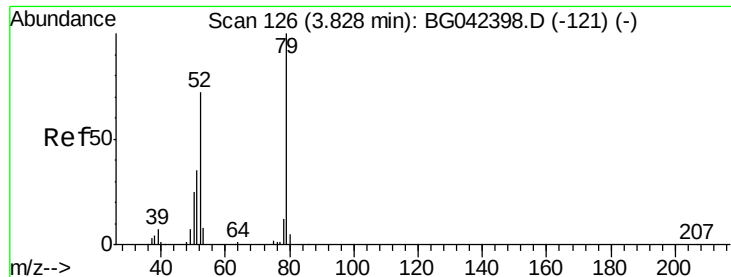
1,4-Dioxane
Concen: 31.743 ng
RT: 3.41 min Scan# 54
Delta R.T. -0.02 min
Lab File: BG042751.D
Acq: 6 Sep 2019 16:55

Tgt Ion: 88 Resp: 17667
Ion Ratio Lower Upper
88 100
58 74.4 58.3 87.5
43 28.8 20.2 30.2



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: 27.620 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.02 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

Instrument :

BNA_G

ClientSampled :

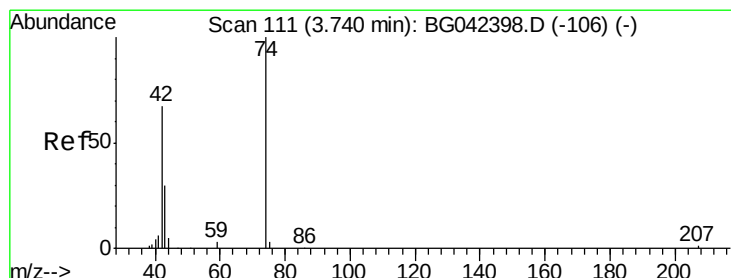
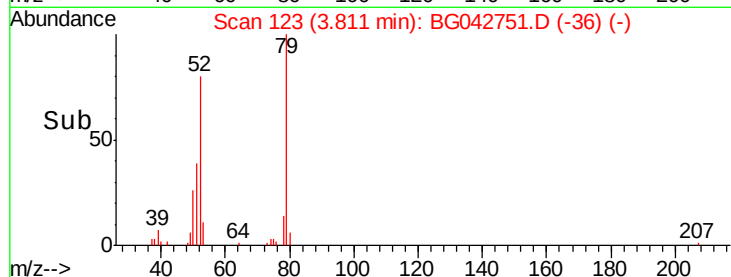
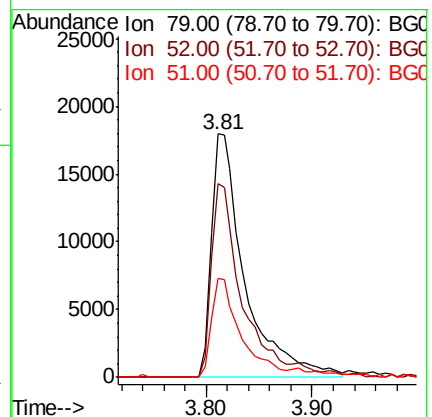
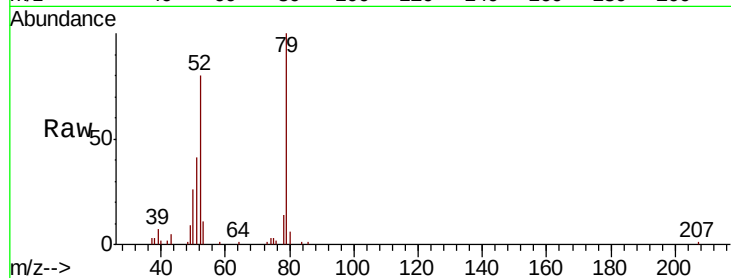
Tot Ion: 79 Resp: 39418

Ion Ratio Lower Upper

79 100

52 79.7 57.7 86.5

51 40.5 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 44.399 ng

RT: 3.73 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

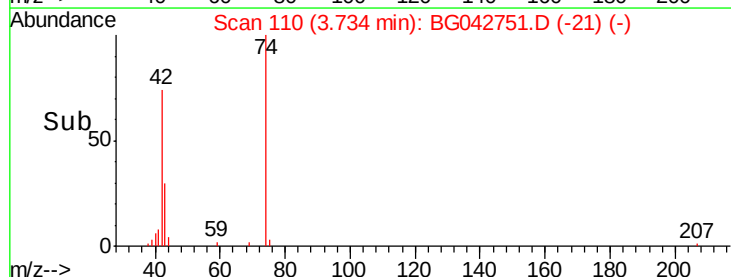
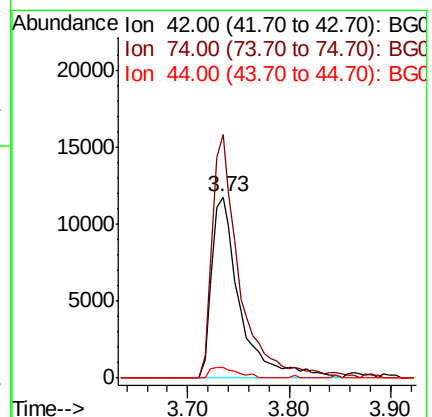
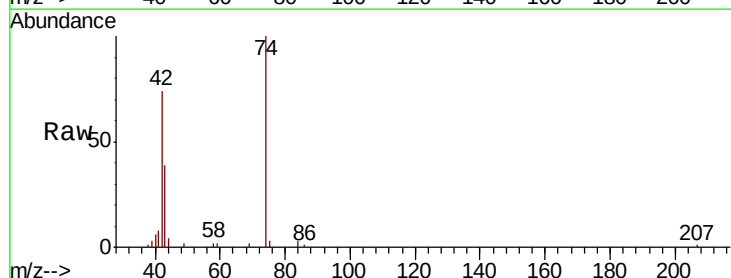
Tgt Ion: 42 Resp: 22632

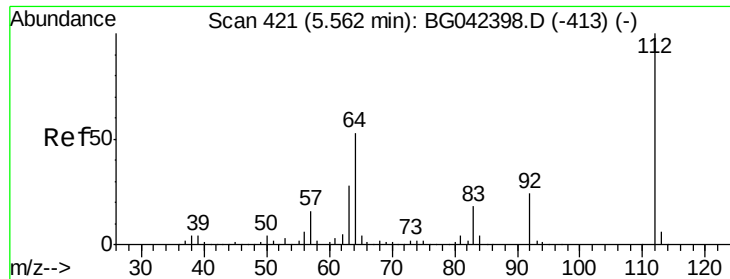
Ion Ratio Lower Upper

42 100

74 134.3 119.6 179.4

44 6.0 6.5 9.7#





#5

2-Fluorophenol

Concen: 135.992 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

Instrument :

BNA_G

ClientSampled :

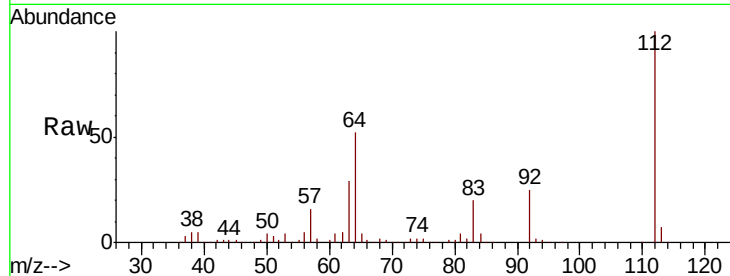
Tot Ion:112 Resp: 181371

Ion Ratio Lower Upper

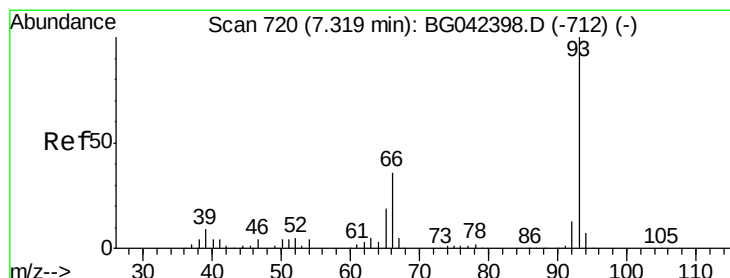
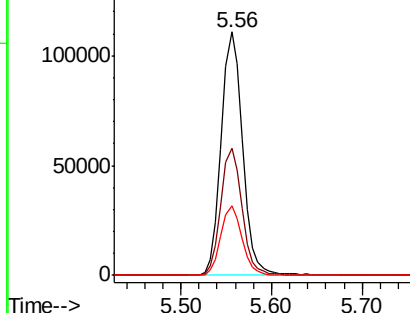
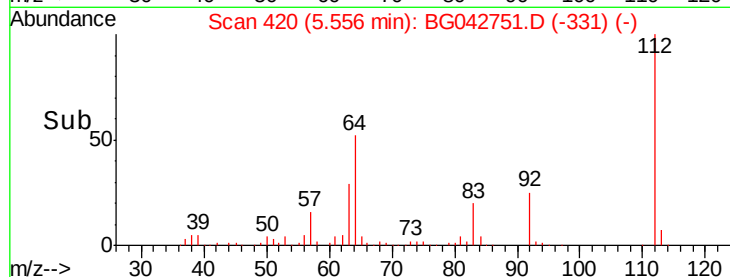
112 100

64 52.1 42.8 64.2

63 28.8 22.7 34.1



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



#6

Aniline

Concen: 33.067 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

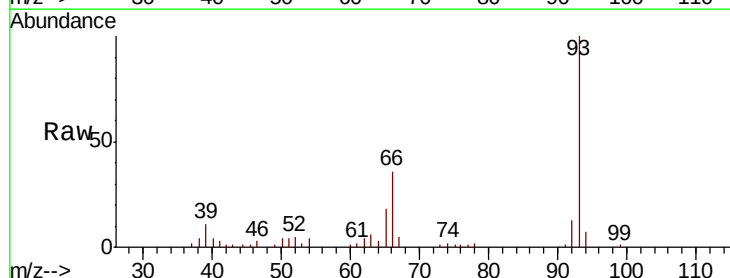
Tgt Ion: 93 Resp: 79455

Ion Ratio Lower Upper

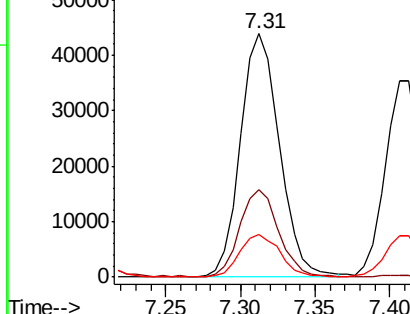
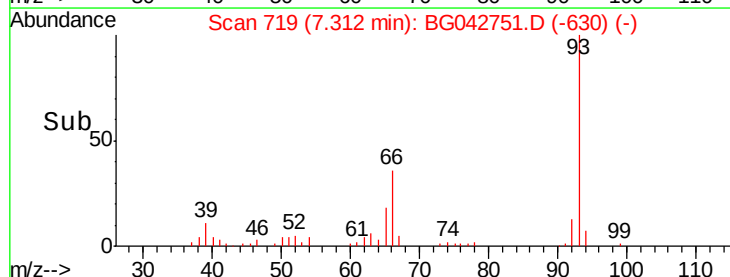
93 100

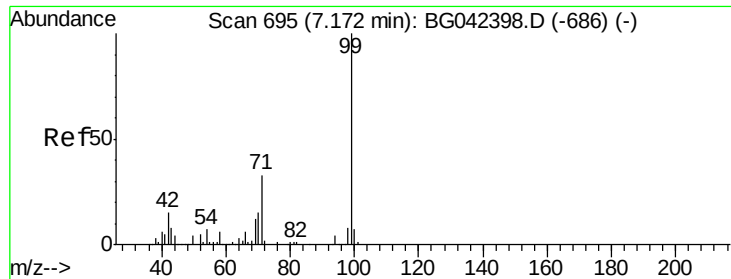
66 36.2 29.0 43.6

65 17.7 15.2 22.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 130.702 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

Instrument :

BNA_G

ClientSampleId :

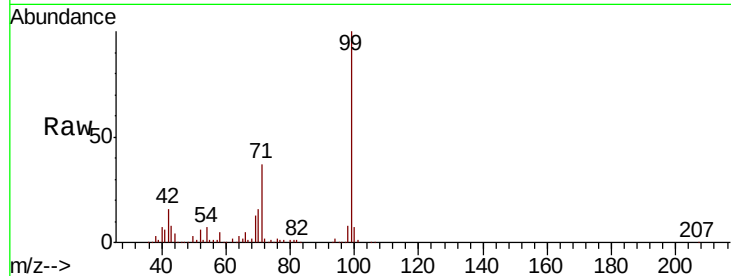
Tot Ion: 99 Resp: 235461

Ion Ratio Lower Upper

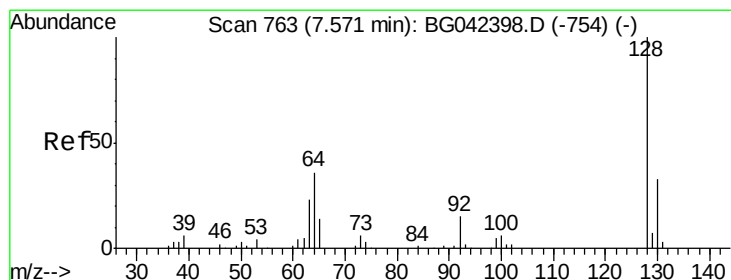
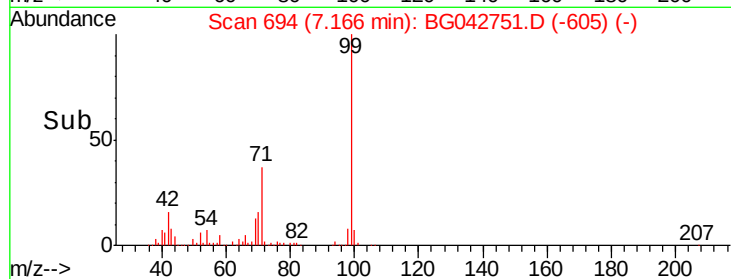
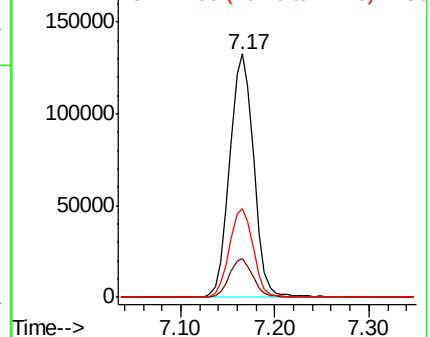
99 100

42 16.0 12.0 18.0

71 36.5 26.3 39.5



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: 52.009 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

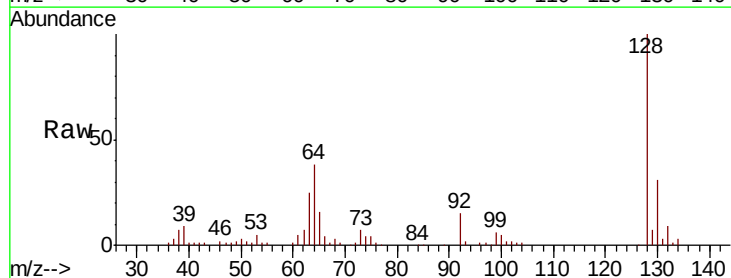
Tgt Ion: 128 Resp: 84064

Ion Ratio Lower Upper

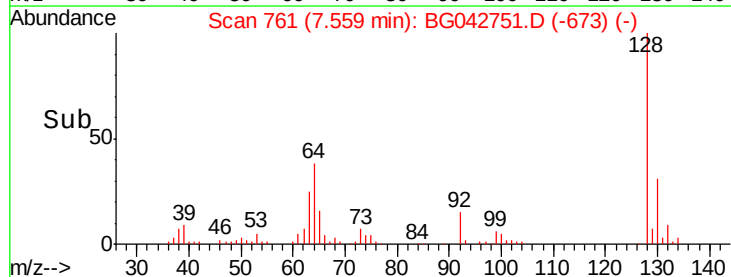
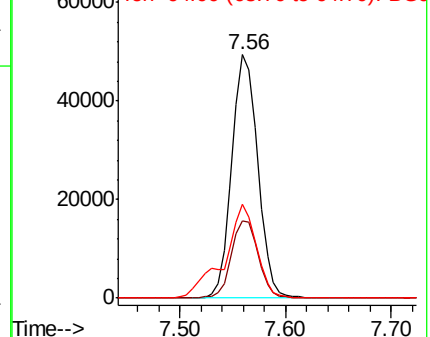
128 100

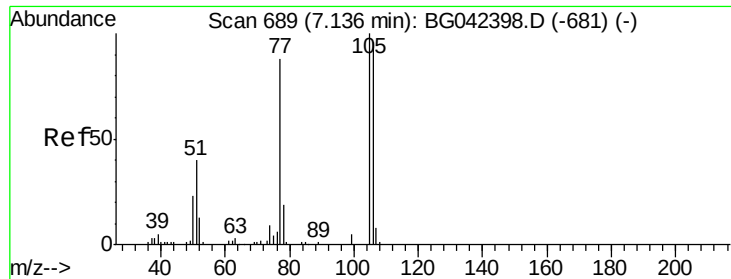
130 31.5 12.8 52.8

64 38.4 19.2 59.2



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





#9

Benzaldehyde

Concen: 33.196 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

Instrument :

BNA_G

ClientSampled :

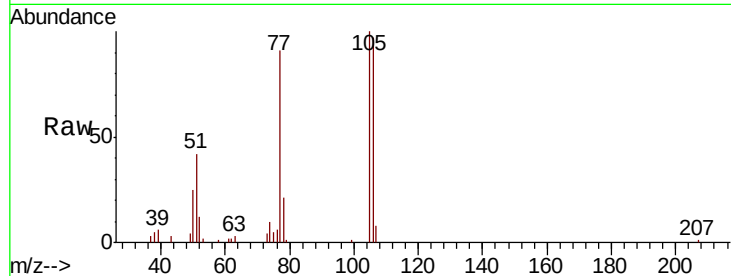
Tot Ion: 77 Resp: 29940

Ion Ratio Lower Upper

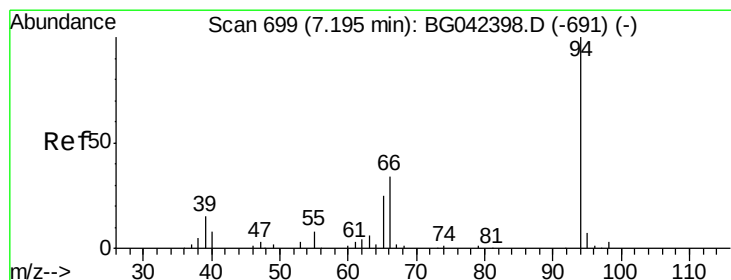
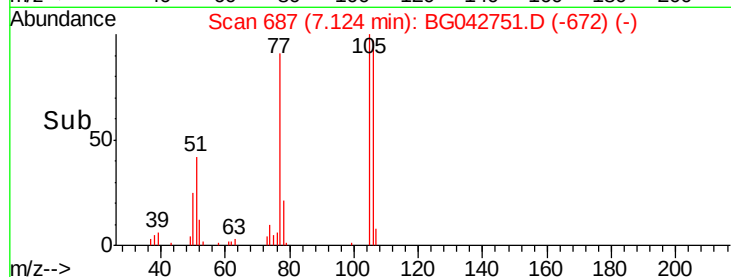
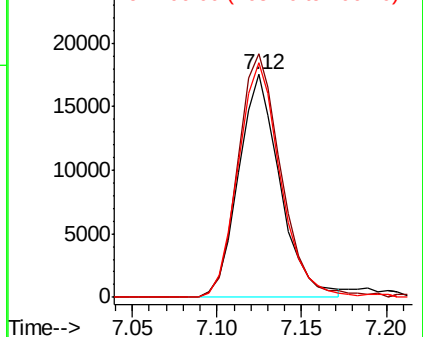
77 100

105 109.3 93.4 133.4

106 105.6 88.4 128.4



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: 50.556 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

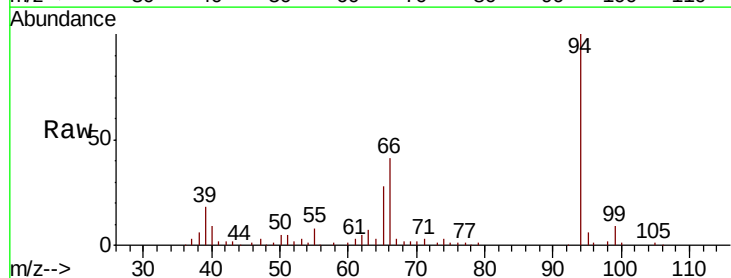
Tgt Ion: 94 Resp: 92602

Ion Ratio Lower Upper

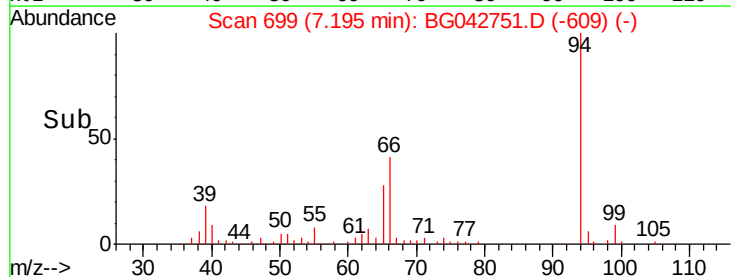
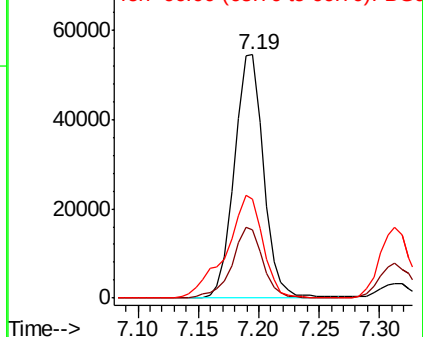
94 100

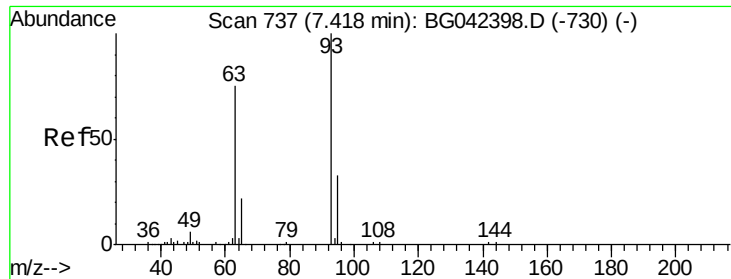
65 28.0 5.6 45.6

66 40.7 16.0 56.0



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 42.453 ng

RT: 7.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

Instrument :

BNA_G

ClientSampled :

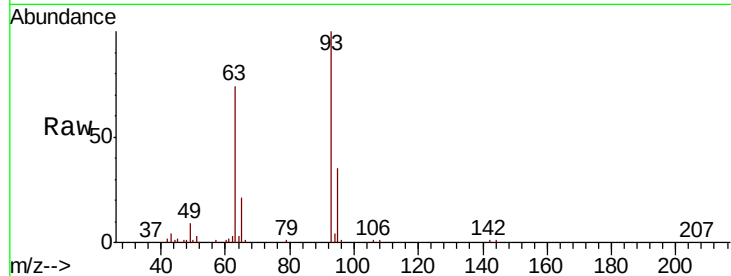
Tot Ion: 93 Resp: 61069

Ion Ratio Lower Upper

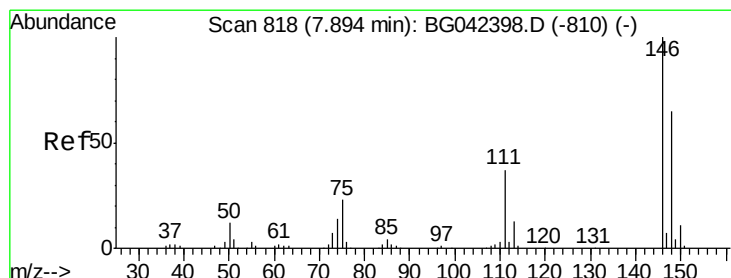
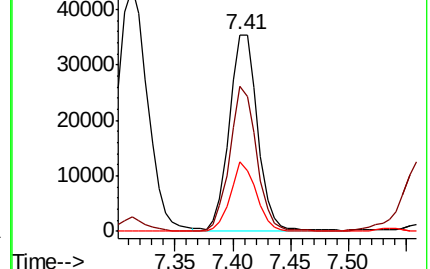
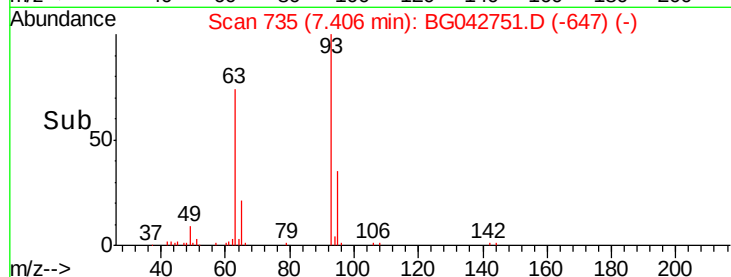
93 100

63 73.8 53.8 93.8

95 35.3 13.1 53.1



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



#12

1,3-Dichlorobenzene

Concen: 40.701 ng

RT: 7.88 min Scan# 816

Delta R.T. -0.01 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

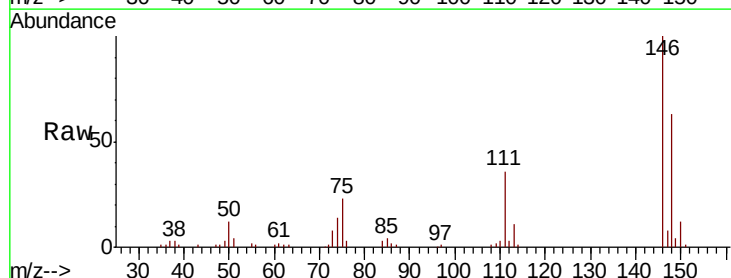
Tgt Ion: 146 Resp: 83689

Ion Ratio Lower Upper

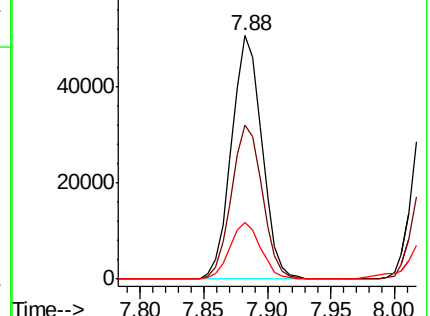
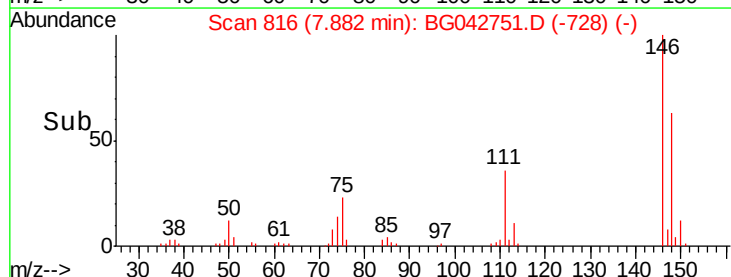
146 100

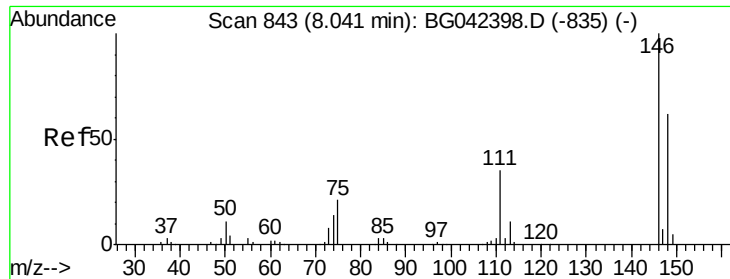
148 63.1 52.2 78.2

75 23.4 18.0 27.0



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

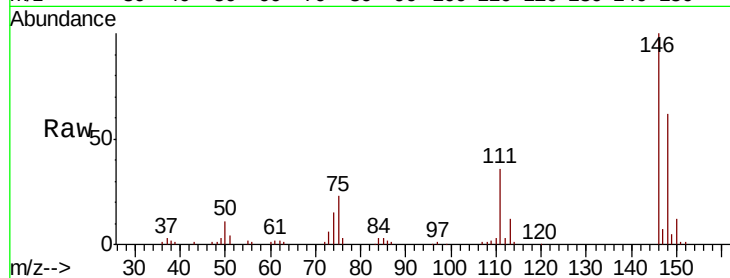




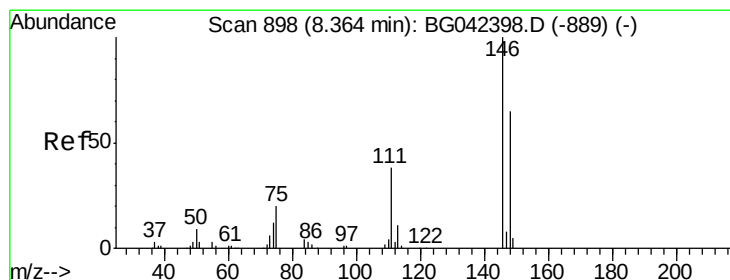
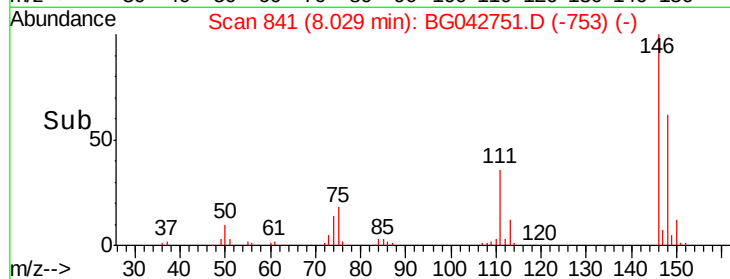
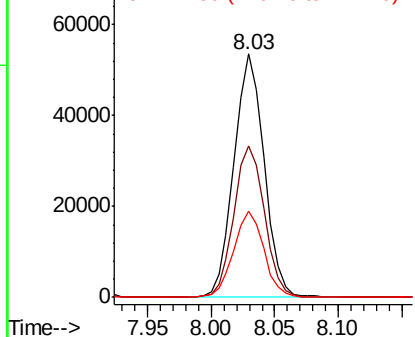
#13
 1,4-Dichlorobenzene
 Concen: 42.308 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG042751.D
 Acq: 6 Sep 2019 16:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 88118
 Ion Ratio Lower Upper
 146 100
 148 62.1 49.5 74.3
 111 35.5 28.1 42.1

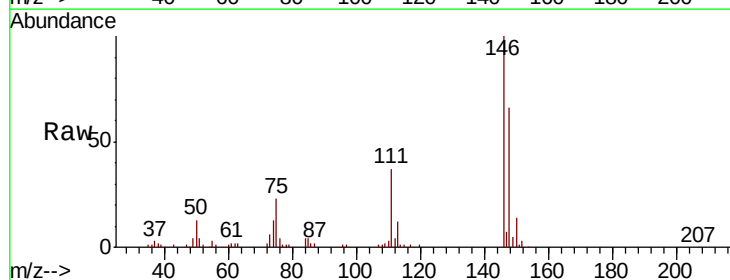


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

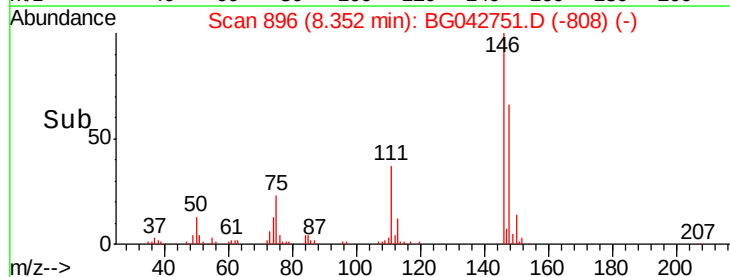
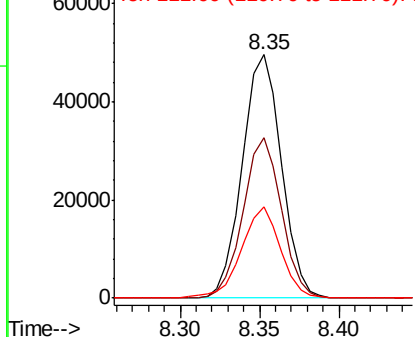


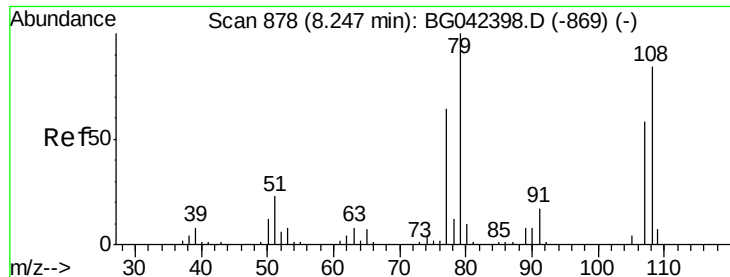
#14
 1,2-Dichlorobenzene
 Concen: 42.605 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG042751.D
 Acq: 6 Sep 2019 16:55

Tgt Ion:146 Resp: 84978
 Ion Ratio Lower Upper
 146 100
 148 65.9 51.8 77.6
 111 37.4 30.9 46.3



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: 49.182 ng

RT: 8.23 min Scan# 876

Delta R.T. -0.01 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

Instrument :

BNA_G

ClientSampled :

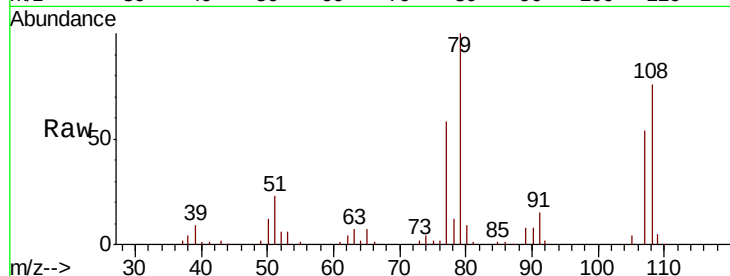
Tot Ion: 79 Resp: 63744

Ion Ratio Lower Upper

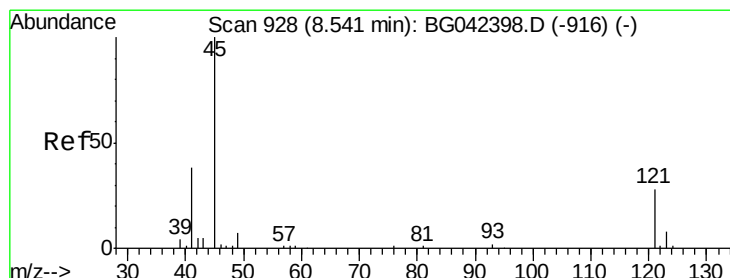
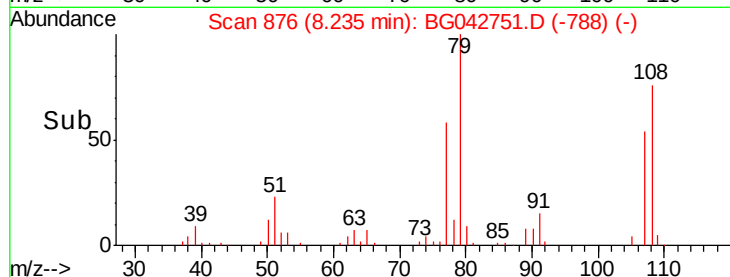
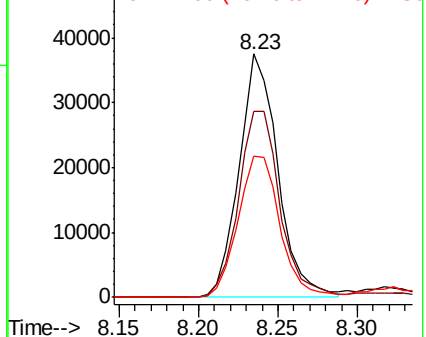
79 100

108 76.4 67.4 101.2

77 57.8 50.8 76.2



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.916 ng

RT: 8.52 min Scan# 925

Delta R.T. -0.02 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

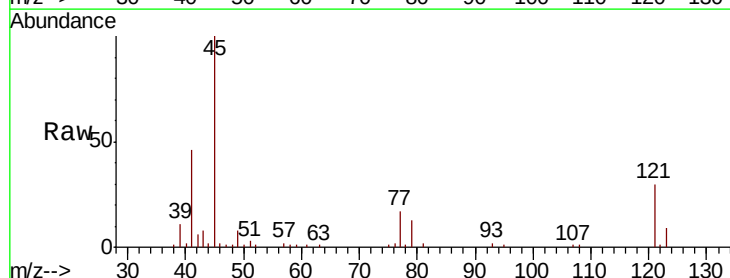
Tgt Ion: 45 Resp: 75876

Ion Ratio Lower Upper

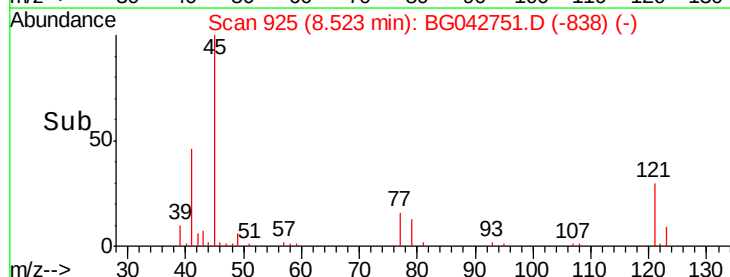
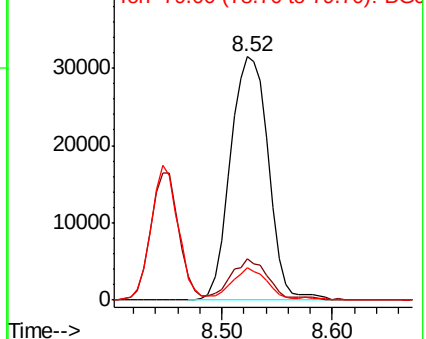
45 100

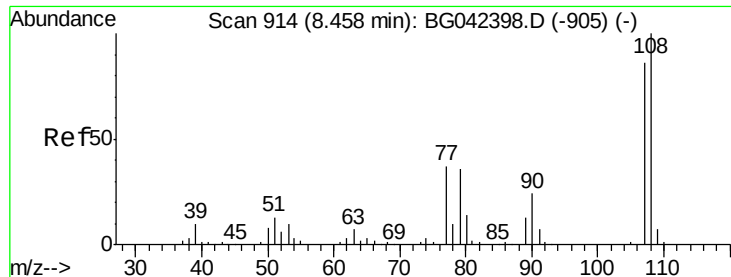
77 16.8 0.0 35.6

79 13.2 0.0 31.6



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

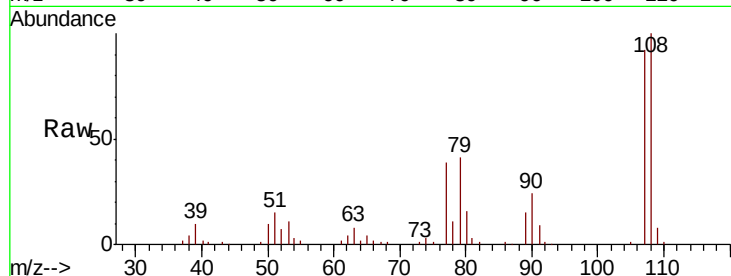




#17
2-Methylphenol
Concen: 51.083 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG042751.D
Acq: 6 Sep 2019 16:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	68917
Ion	Ratio	Lower	Upper
107	100		
108	109.1	92.9	139.3
77	42.4	34.4	51.6
79	44.6	33.8	50.6



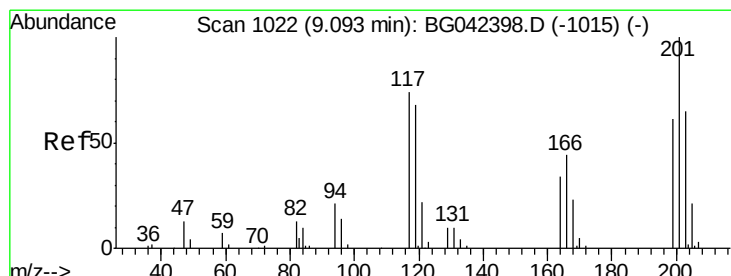
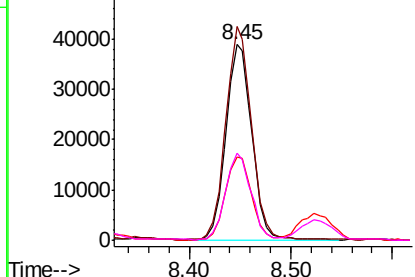
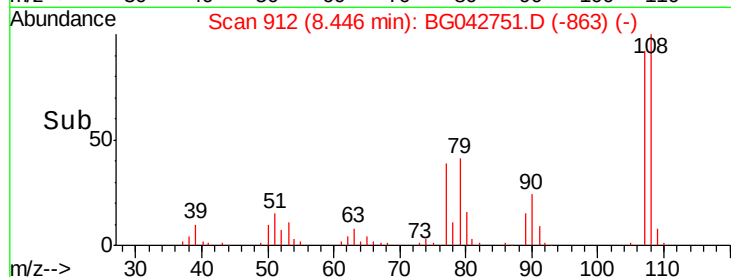
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

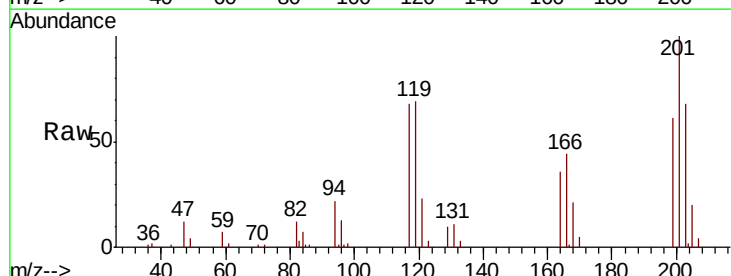
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 39.794 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG042751.D
Acq: 6 Sep 2019 16:55

Tgt Ion:	117	Resp:	28374
Ion	Ratio	Lower	Upper
117	100		
119	101.6	73.8	110.8
201	147.2	108.3	162.5

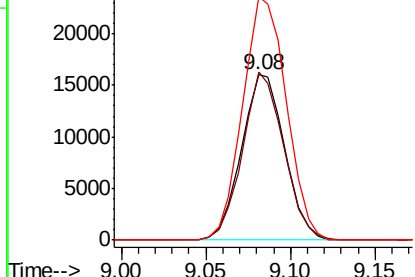
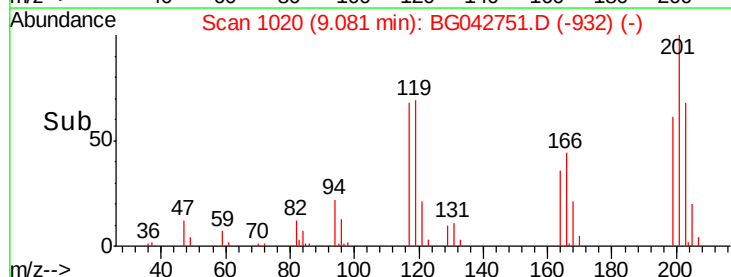


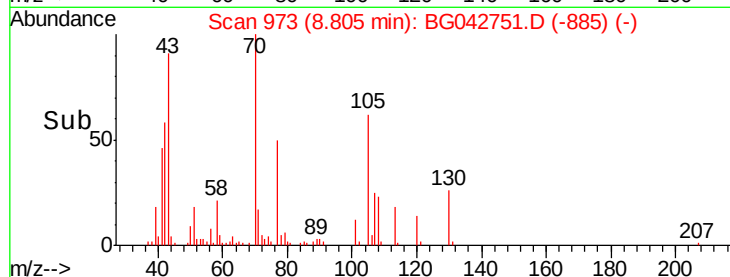
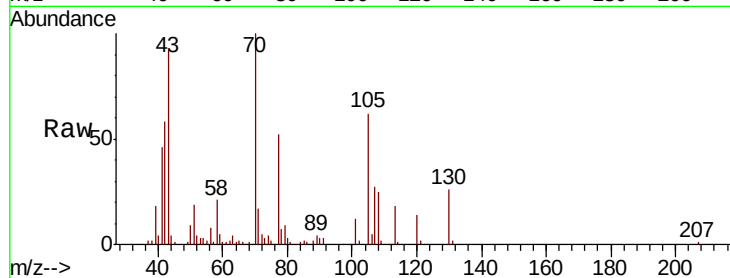
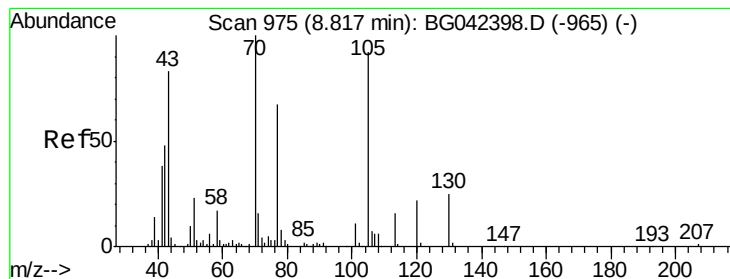
Abundance

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: 43.438 ng

RT: 8.80 min Scan# 973

Delta R.T. -0.01 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 50697

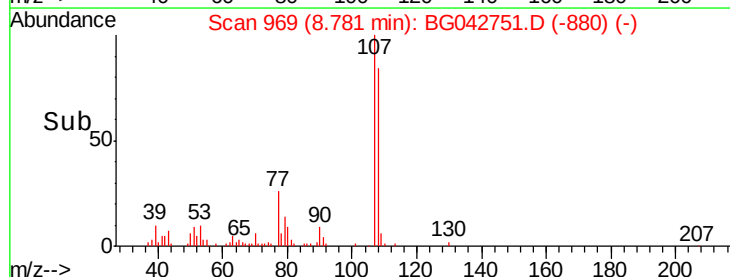
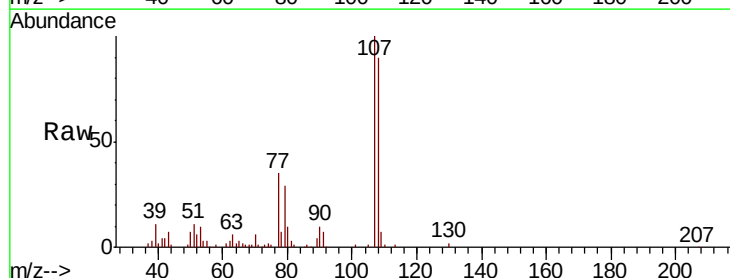
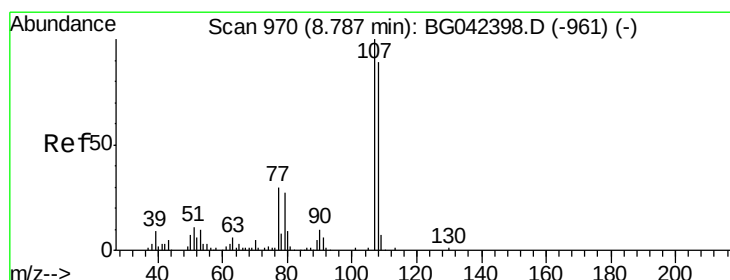
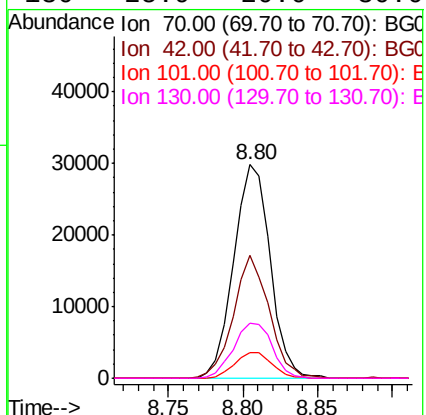
Ion Ratio Lower Upper

70 100

42 57.5 38.8 58.2

101 12.2 9.0 13.6

130 25.9 20.0 30.0



#20

3+4-Methylphenols

Concen: 50.213 ng

RT: 8.78 min Scan# 969

Delta R.T. -0.01 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

Tgt Ion:107 Resp: 93741

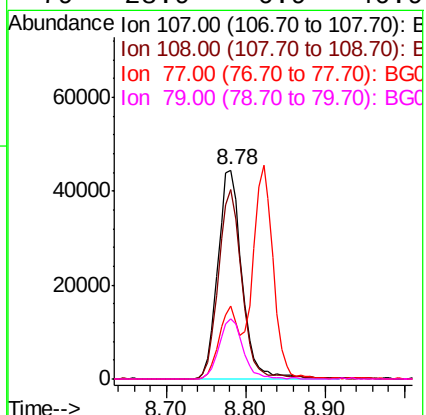
Ion Ratio Lower Upper

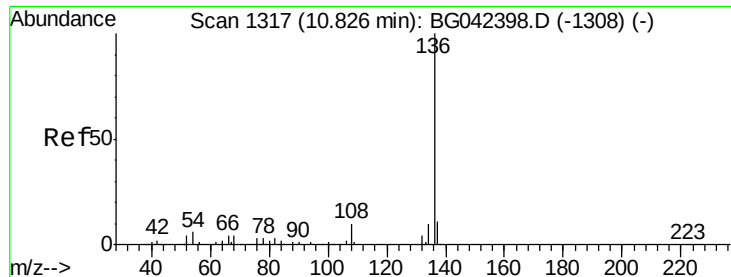
107 100

108 90.3 68.7 108.7

77 34.9 10.2 50.2

79 28.9 6.9 46.9

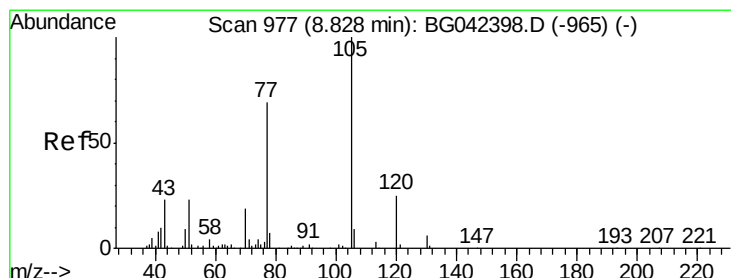
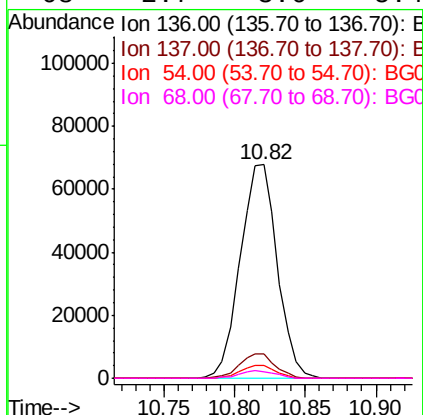
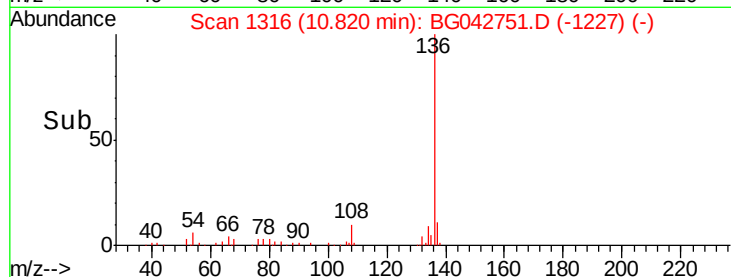
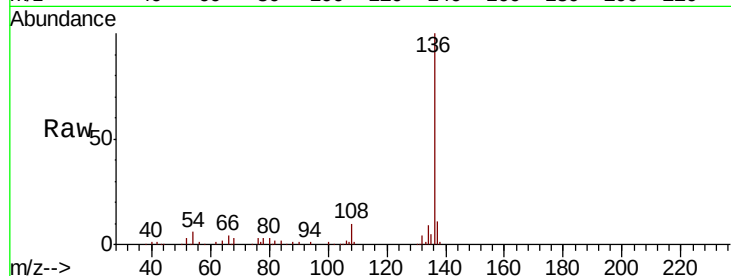




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042751.D
Acq: 6 Sep 2019 16:55

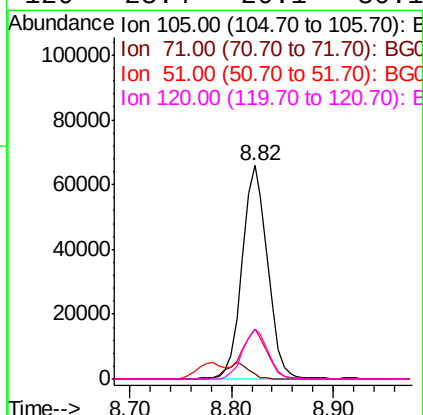
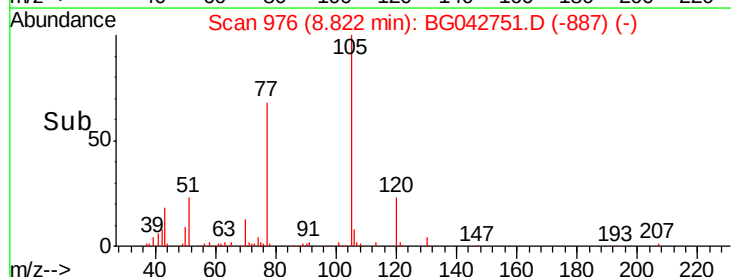
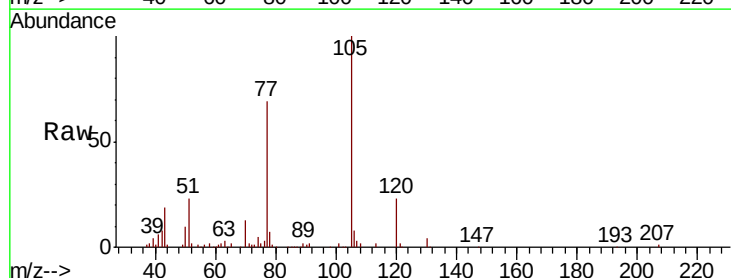
Instrument :
BNA_G
ClientSampleId :

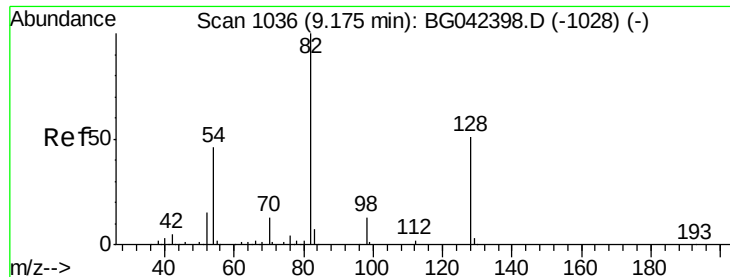
Tot Ion:136	Resp:	124184
Ion Ratio	Lower	Upper
136	100	
137	11.5	8.7 13.1
54	5.8	4.9 7.3
68	2.7	3.6 5.4#



#22
Acetophenone
Concen: 43.202 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG042751.D
Acq: 6 Sep 2019 16:55

Tgt Ion:105	Resp:	114748
Ion Ratio	Lower	Upper
105	100	
71	2.4	2.8 4.2#
51	23.3	18.7 28.1
120	23.4	20.1 30.1

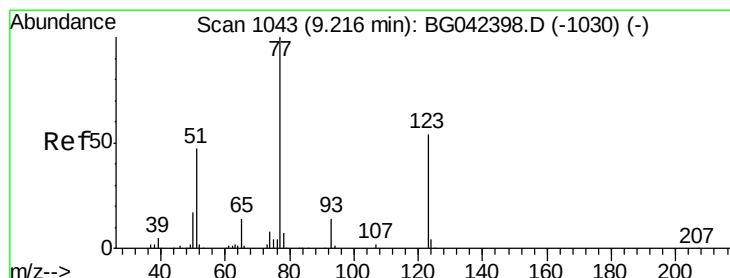
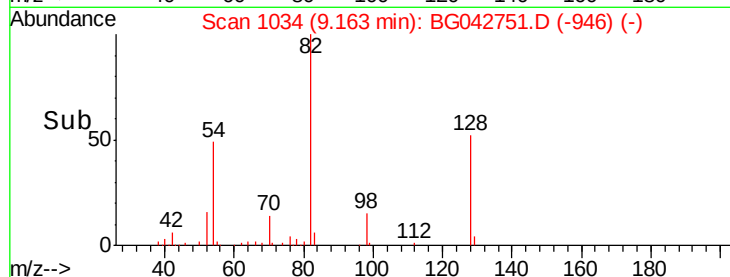
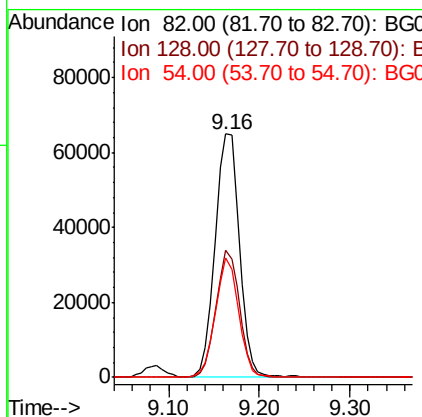
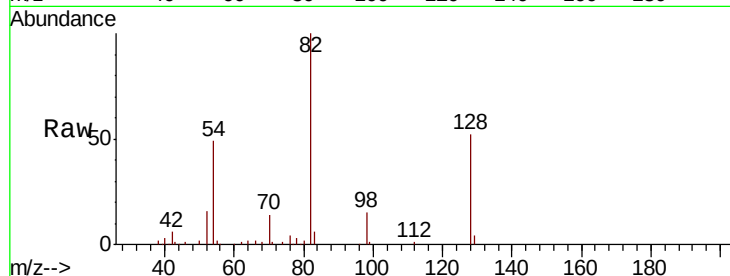




#23
 Nitrobenzene-d5
 Concen: 67.426 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042751.D
 Acq: 6 Sep 2019 16:55

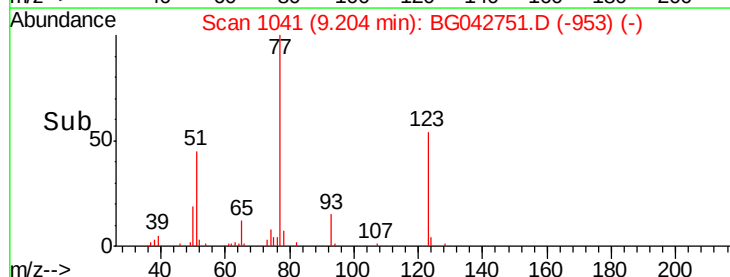
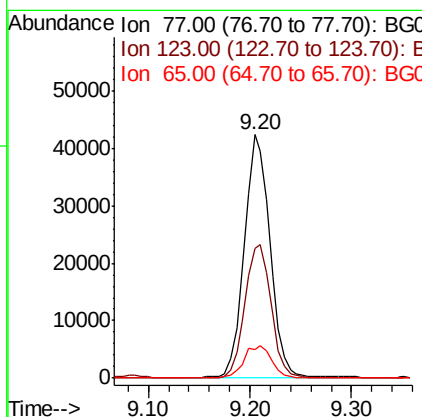
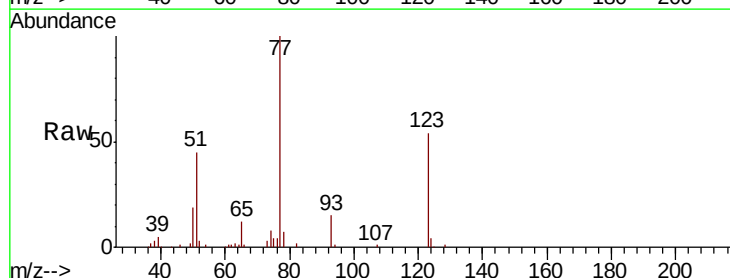
Instrument :
 BNA_G
 ClientSampleId :

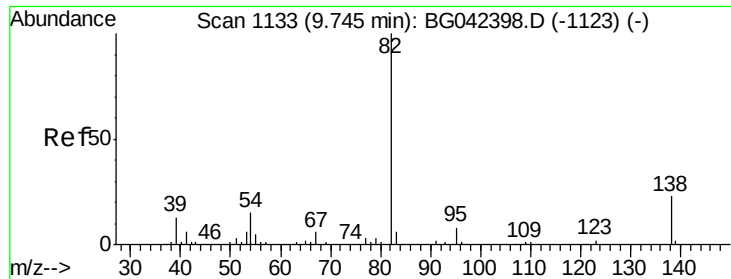
Tot Ion	82	Resp	121168
Ion	Ratio	Lower	Upper
82	100		
128	52.2	40.7	61.1
54	49.0	36.3	54.5



#24
 Nitrobenzene
 Concen: 41.100 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG042751.D
 Acq: 6 Sep 2019 16:55

Tgt Ion	77	Resp	74792
Ion	Ratio	Lower	Upper
77	100		
123	53.5	43.4	65.0
65	11.9	11.0	16.6





#25

Isophorone

Concen: 40.532 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

Instrument :

BNA_G

ClientSampled :

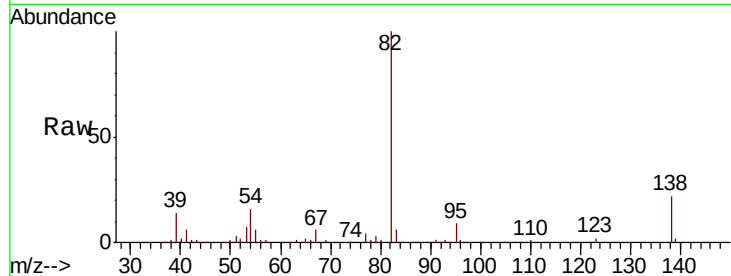
Tot Ion: 82 Resp: 143748

Ion Ratio Lower Upper

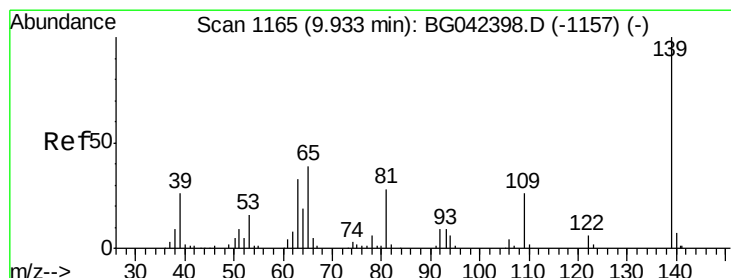
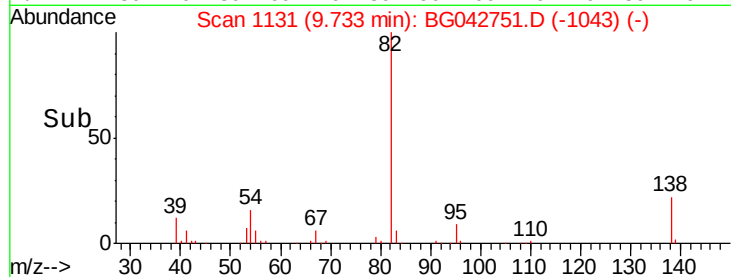
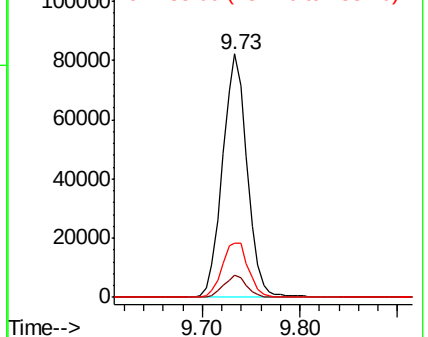
82 100

95 9.0 6.6 9.8

138 22.3 18.6 27.8



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: 45.128 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

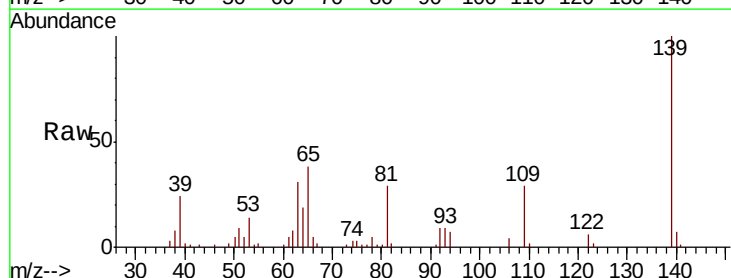
Tgt Ion: 139 Resp: 51464

Ion Ratio Lower Upper

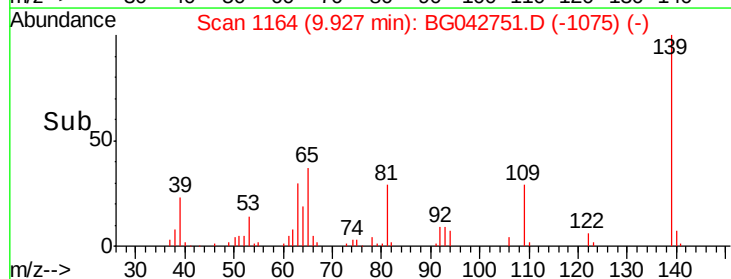
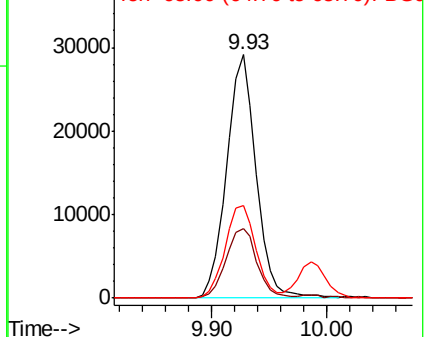
139 100

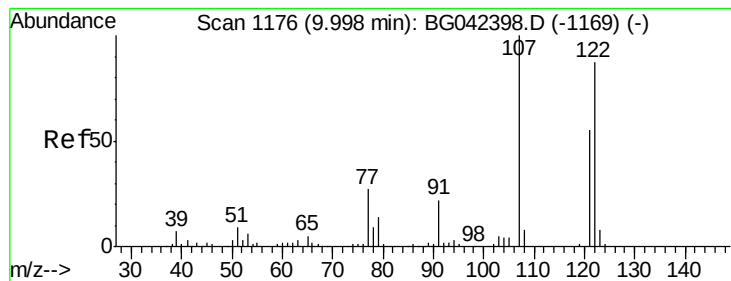
109 28.7 20.5 30.7

65 38.0 30.9 46.3



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: 53.495 ng

RT: 9.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

Instrument :

BNA_G

ClientSampled :

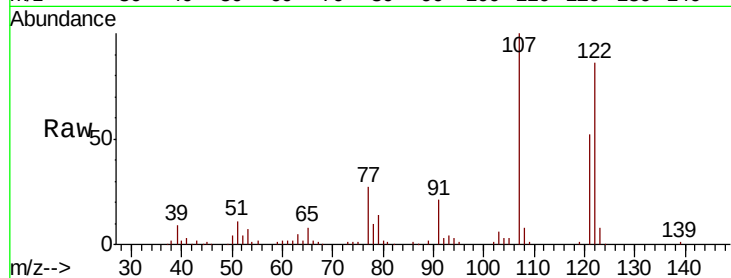
Tot Ion:122 Resp: 84035

Ion Ratio Lower Upper

122 100

107 116.0 90.8 136.2

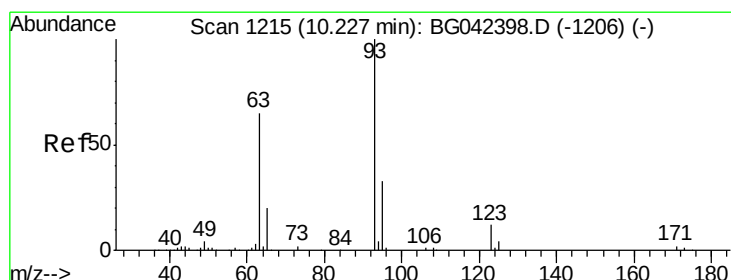
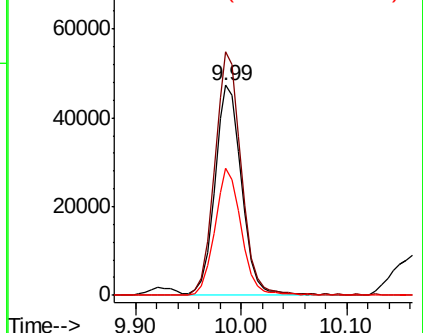
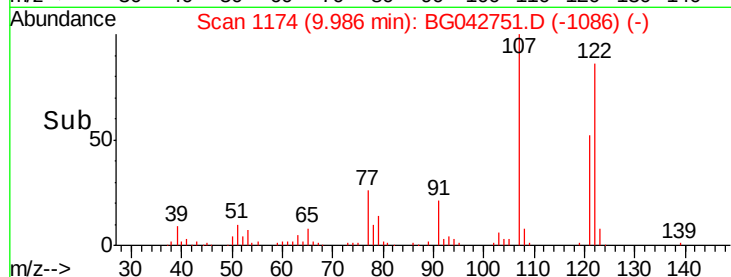
121 60.6 49.6 74.4



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: 39.296 ng

RT: 10.21 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

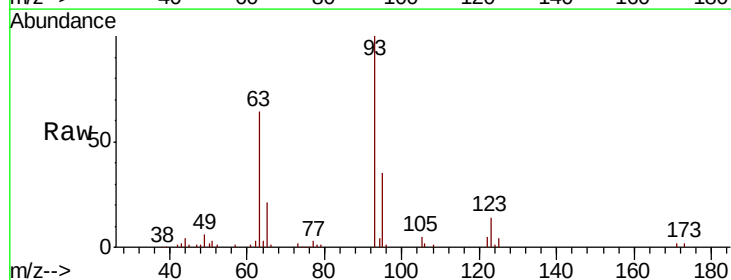
Tgt Ion: 93 Resp: 87838

Ion Ratio Lower Upper

93 100

95 34.8 26.6 40.0

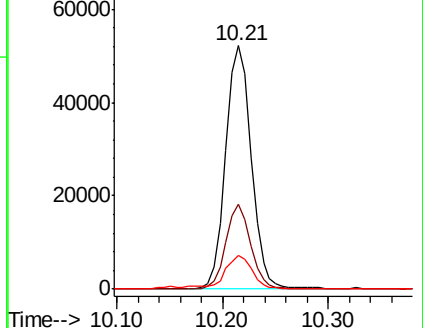
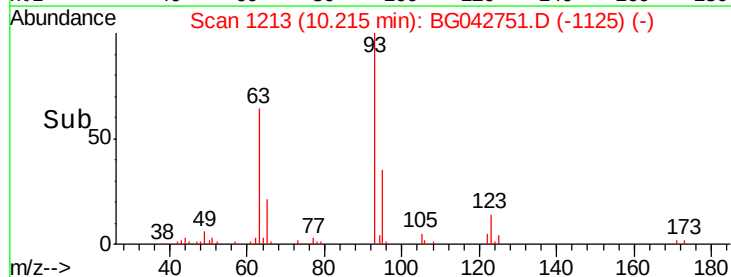
123 13.9 10.1 15.1

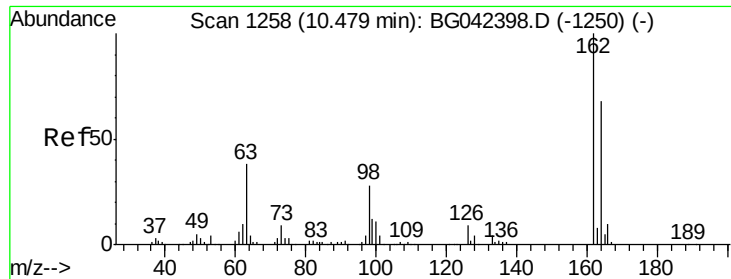


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

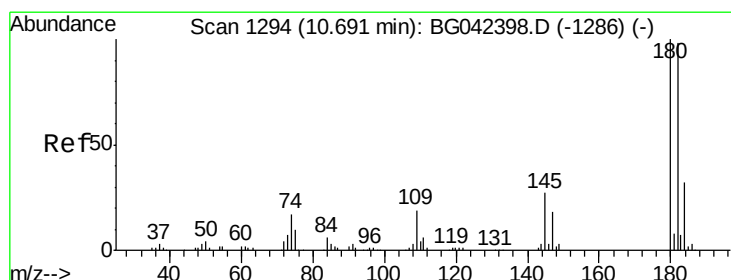
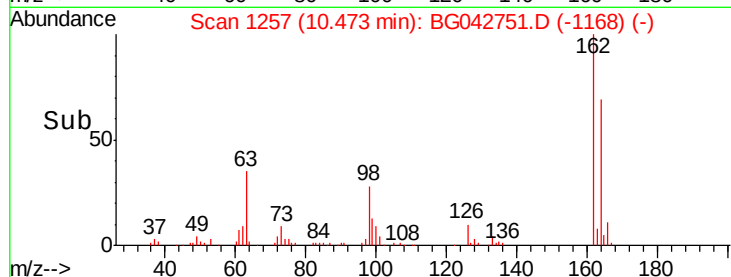
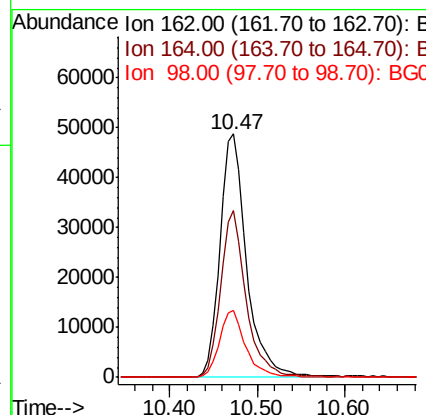
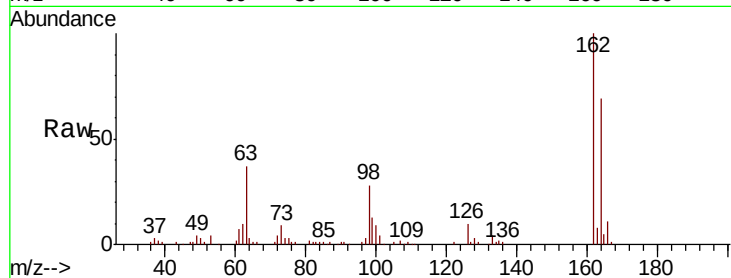




#29
 2,4-Dichlorophenol
 Concen: 50.088 ng
 RT: 10.47 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BG042751.D
 Acq: 6 Sep 2019 16:55

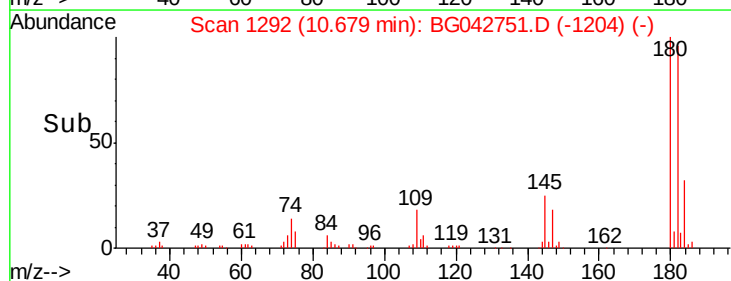
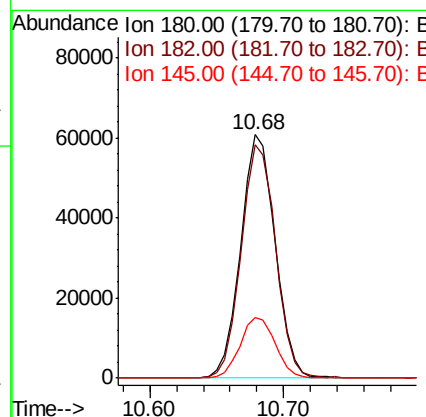
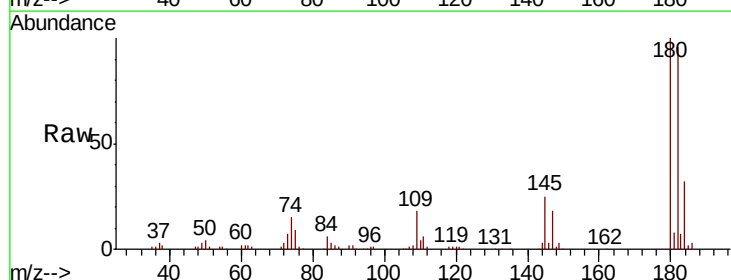
Instrument :
 BNA_G
 ClientSampleId :

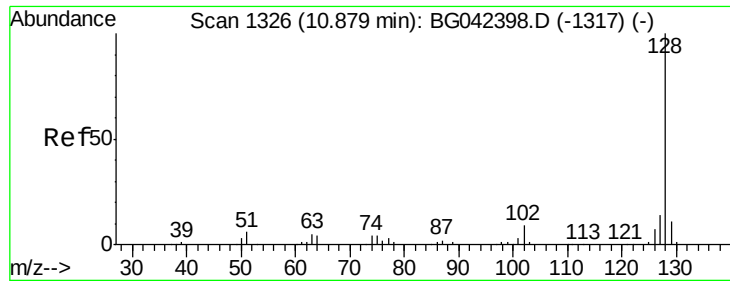
Tot Ion	Ratio	Lower	Upper
162	100		
164	68.5	48.1	88.1
98	27.6	7.6	47.6



#30
 1,2,4-Trichlorobenzene
 Concen: 42.943 ng
 RT: 10.68 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BG042751.D
 Acq: 6 Sep 2019 16:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	78.7	118.1
145	24.6	21.6	32.4

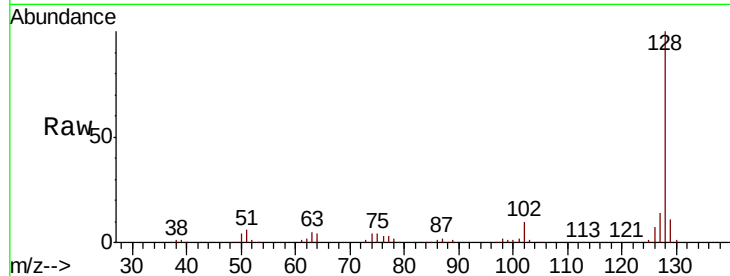




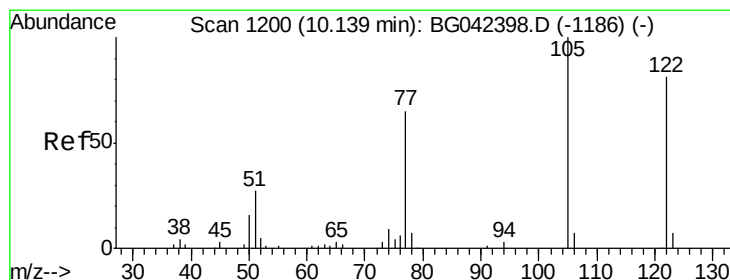
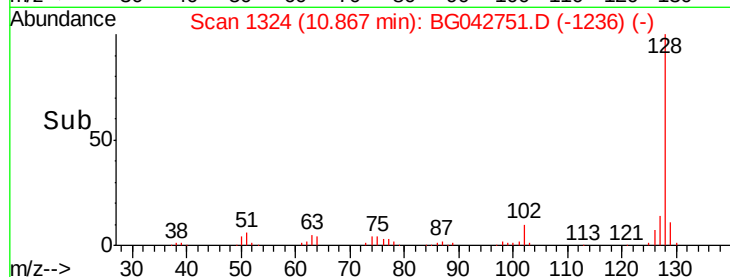
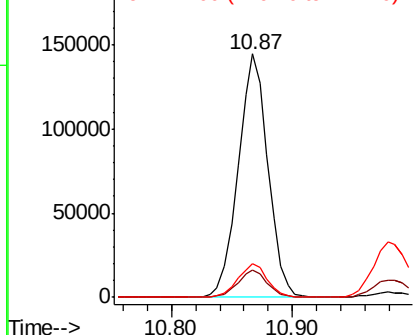
#31
Naphthalene
Concen: 42.955 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042751.D
Acq: 6 Sep 2019 16:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 247661
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.9 11.4 17.0

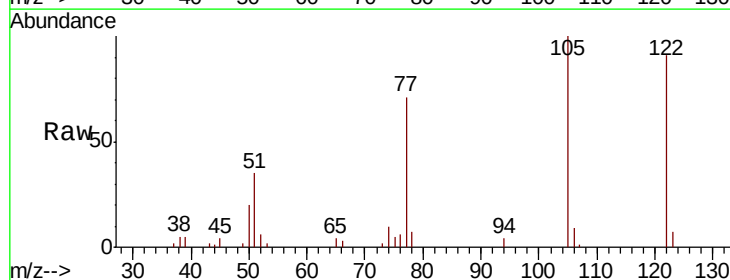


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

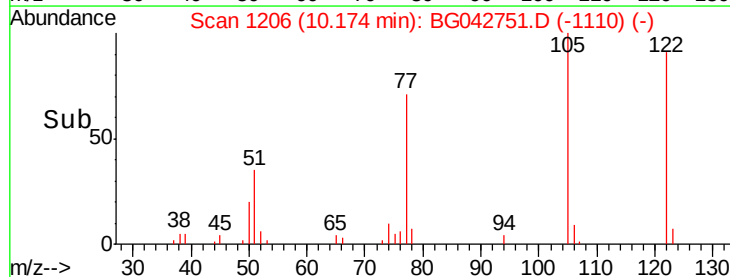
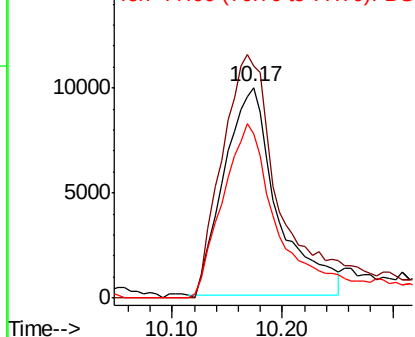


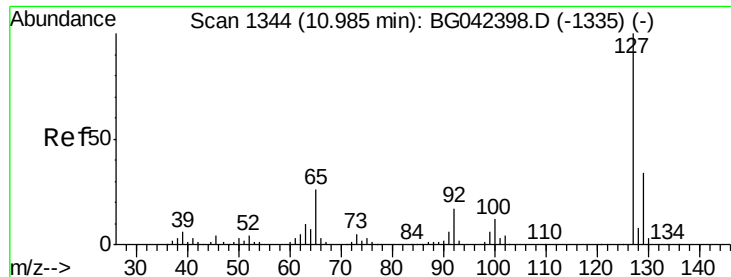
#32
Benzoic acid
Concen: 32.277 ng
RT: 10.17 min Scan# 1206
Delta R.T. 0.04 min
Lab File: BG042751.D
Acq: 6 Sep 2019 16:55

Tgt Ion:122 Resp: 33121
Ion Ratio Lower Upper
122 100
105 110.3 99.6 139.6
77 78.1 59.5 99.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

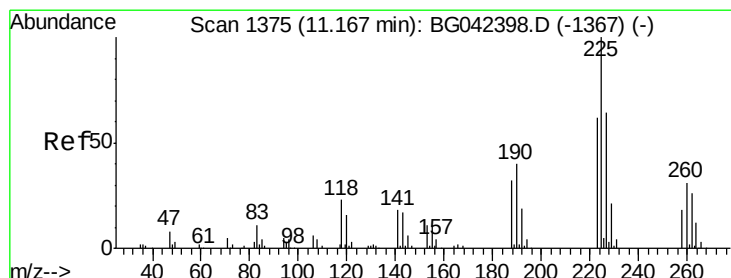
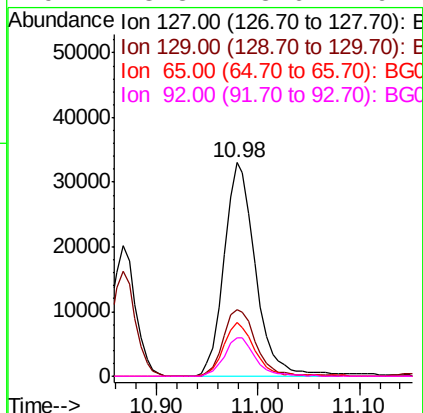
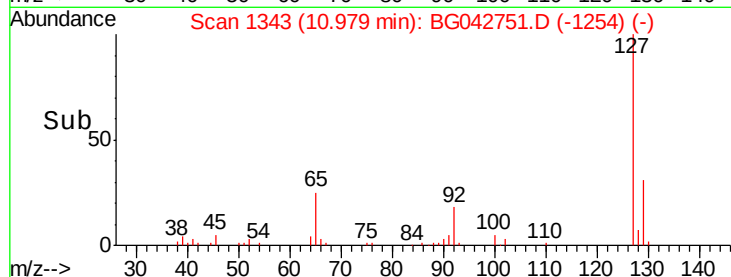
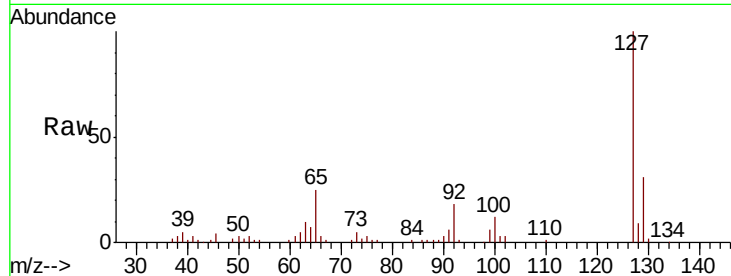




#33
4-Chloroaniline
Concen: 26.635 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG042751.D
Acq: 6 Sep 2019 16:55

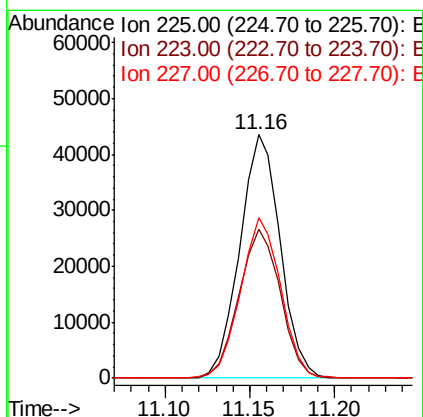
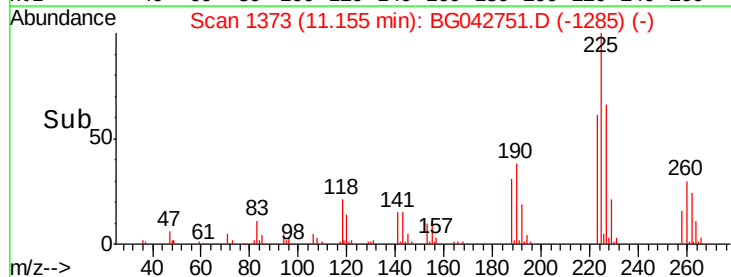
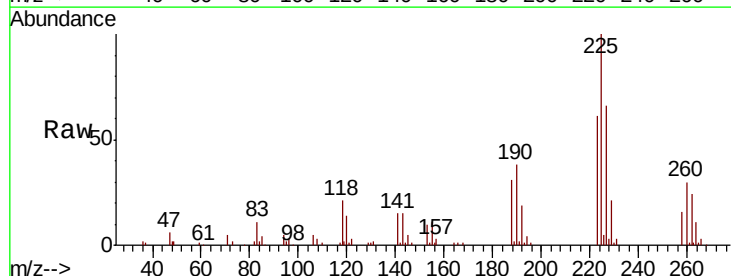
Instrument :
BNA_G
ClientSampled :

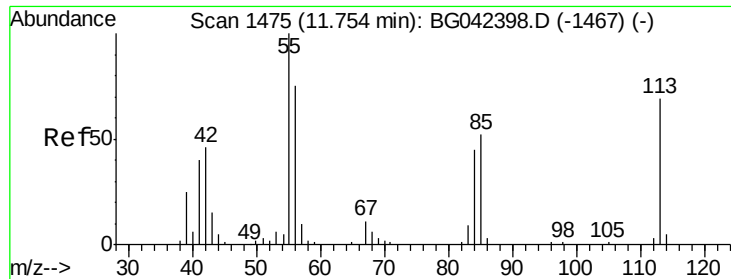
Tot Ion:	127	Resp:	70889
Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.8	40.2
65	25.1	20.7	31.1
92	18.3	13.6	20.4



#34
Hexachlorobutadiene
Concen: 42.561 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG042751.D
Acq: 6 Sep 2019 16:55

Tgt Ion:	225	Resp:	72160
Ion	Ratio	Lower	Upper
225	100		
223	61.3	49.8	74.6
227	68.3	50.9	76.3





#35

Caprolactam

Concen: 25.868 ng

RT: 11.76 min Scan# 1476

Delta R.T. 0.01 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

Instrument :

BNA_G

ClientSampled :

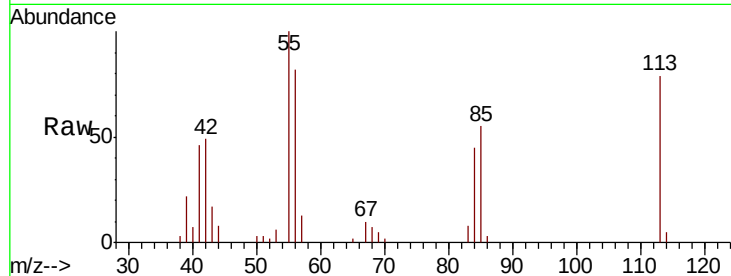
Tot Ion:113 Resp: 17740

Ion Ratio Lower Upper

113 100

55 126.5 124.6 164.6

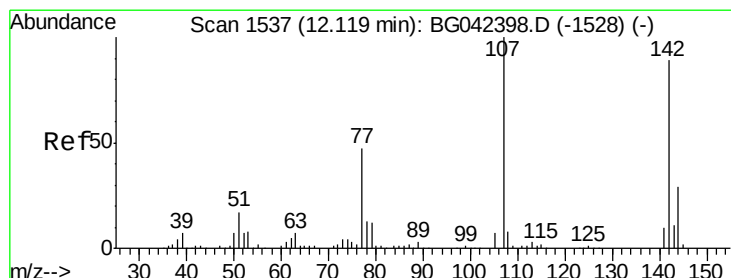
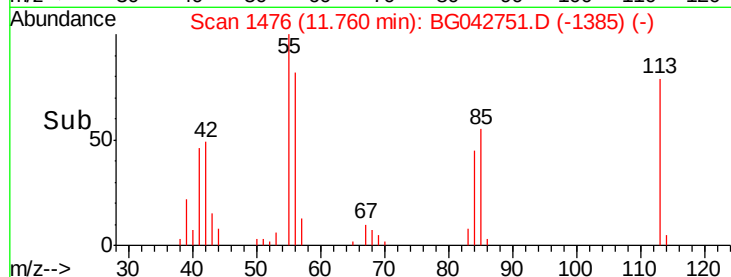
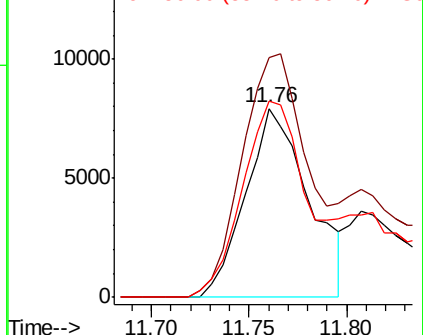
56 103.6 88.3 128.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 49.285 ng

RT: 12.11 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

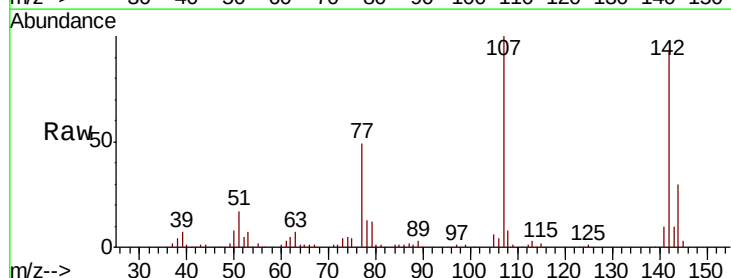
Tgt Ion:107 Resp: 96158

Ion Ratio Lower Upper

107 100

144 29.6 23.6 35.4

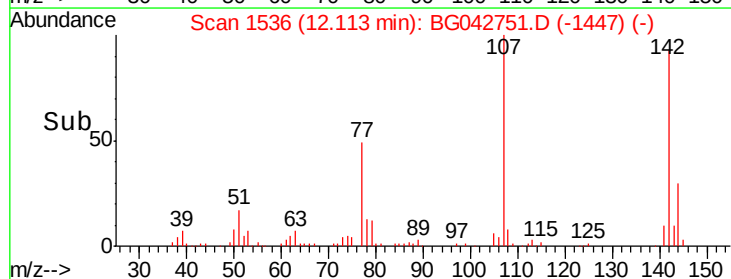
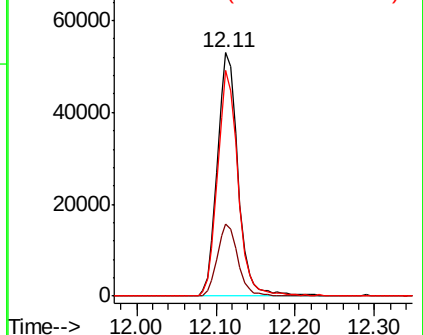
142 92.7 71.0 106.4

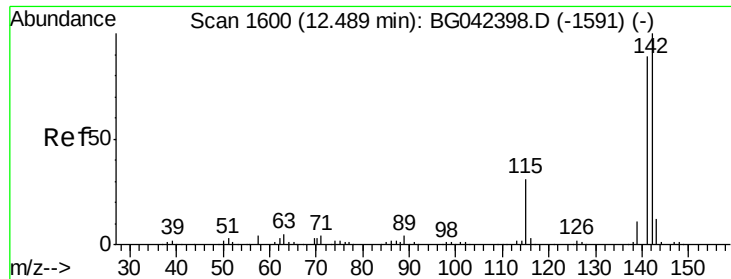


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

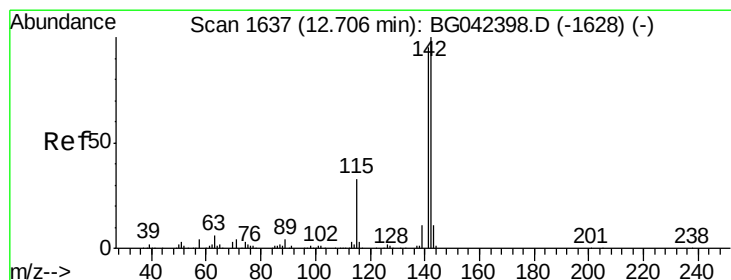
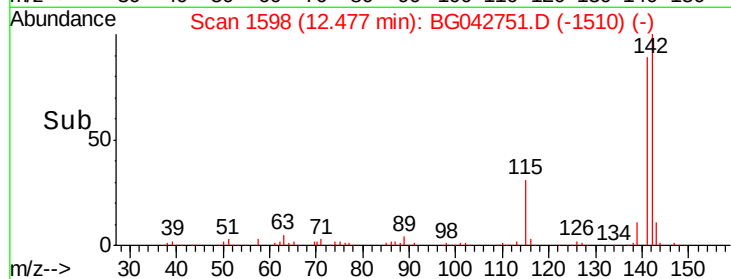
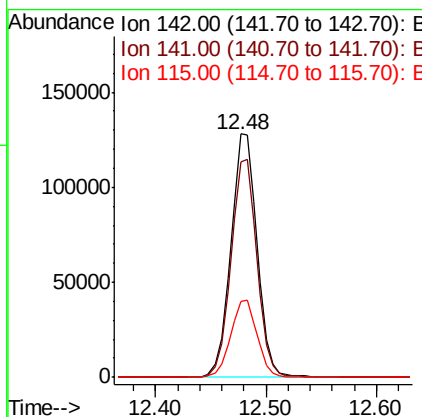
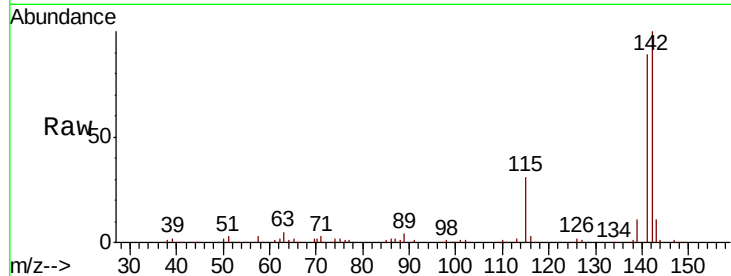




#37
 2-Methylnaphthalene
 Concen: 46.122 ng
 RT: 12.48 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BG042751.D
 Acq: 6 Sep 2019 16:55

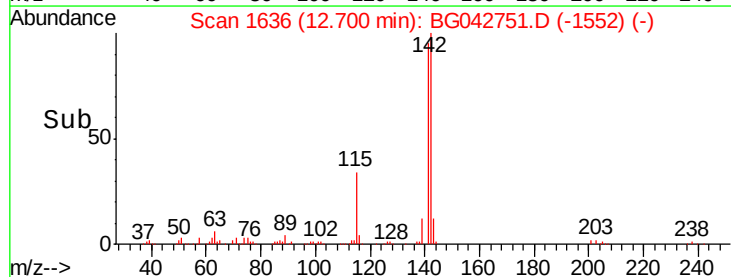
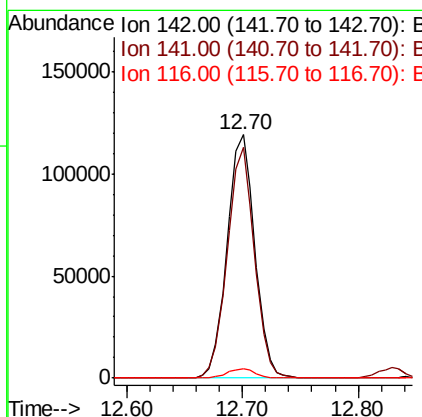
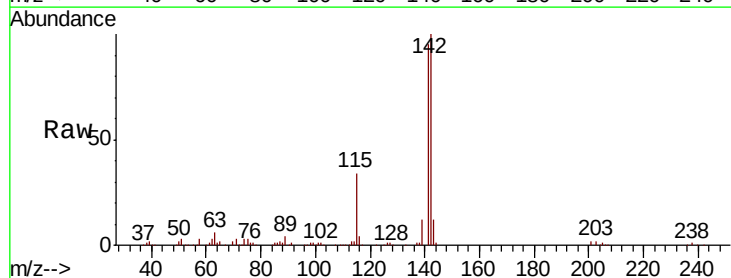
Instrument :
 BNA_G
 ClientSampleId :

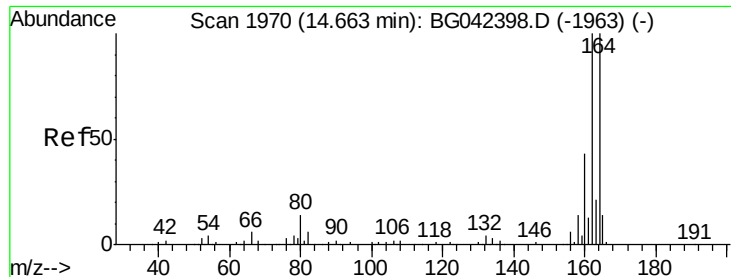
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.4	107.2
115	31.4	25.2	37.8



#38
 1-Methylnaphthalene
 Concen: 44.944 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BG042751.D
 Acq: 6 Sep 2019 16:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.8	76.2	114.2
116	3.8	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

Instrument :

BNA_G

ClientSampleId :

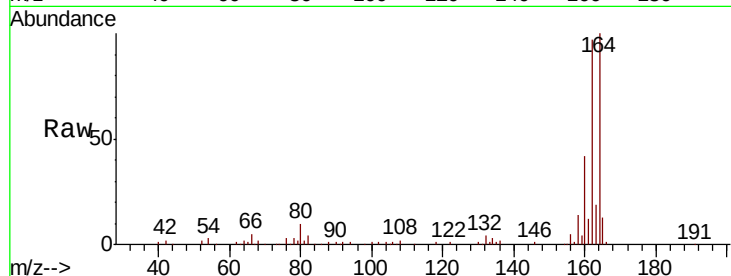
Tot Ion:164 Resp: 103985

Ion Ratio Lower Upper

164 100

162 96.9 79.9 119.9

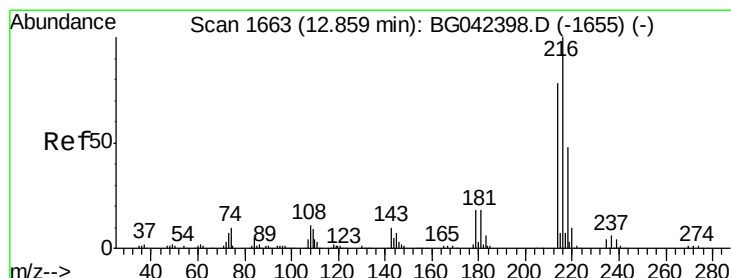
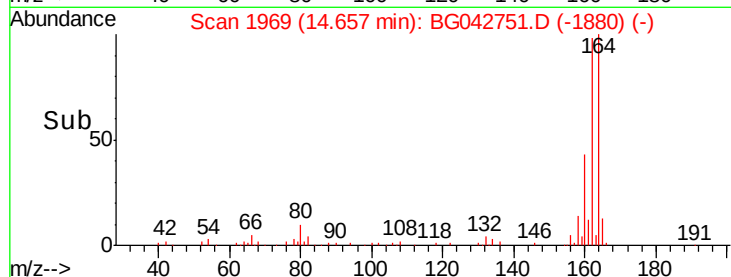
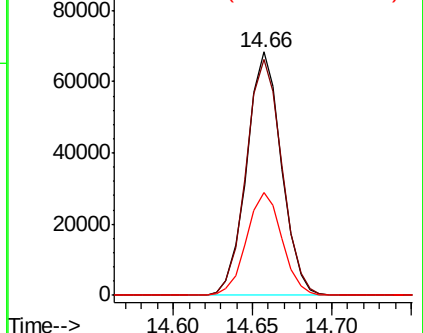
160 42.5 34.3 51.5



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: 44.356 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

Tgt Ion:216 Resp: 148121

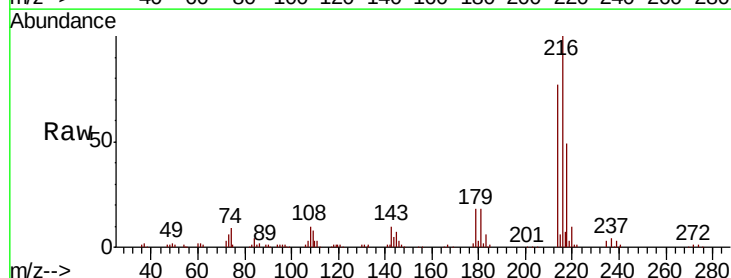
Ion Ratio Lower Upper

216 100

214 77.3 61.4 92.2

179 18.1 15.1 22.7

108 11.5 9.4 14.0

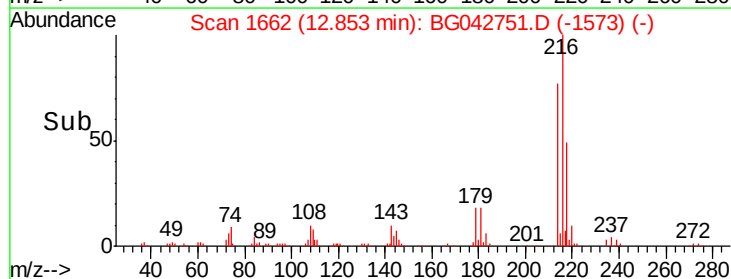
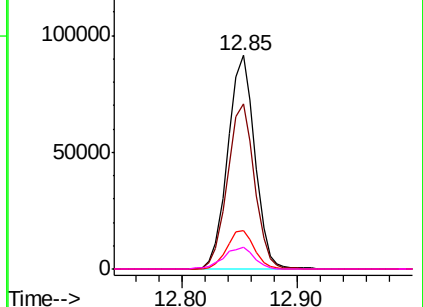


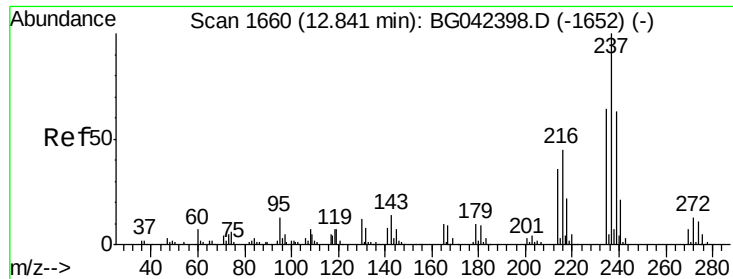
Abundance Ion 216.00 (215.70 to 216.70): E

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

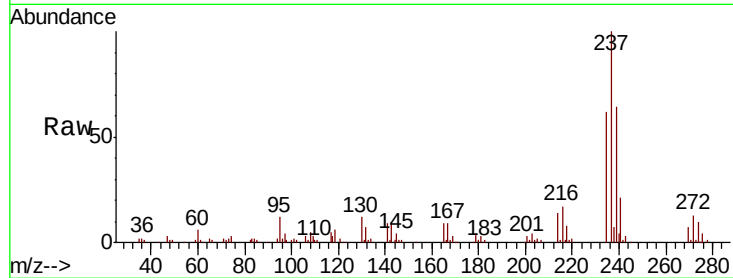




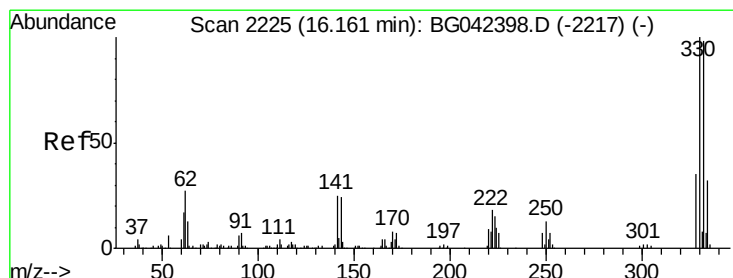
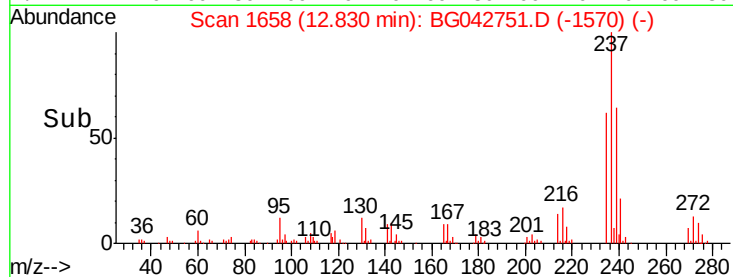
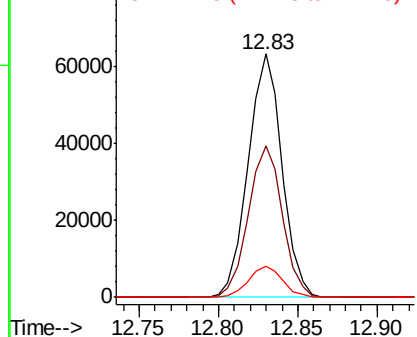
#41
Hexachlorocyclopentadiene
Concen: 53.323 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BG042751.D
Acq: 6 Sep 2019 16:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 93534
Ion Ratio Lower Upper
237 100
235 62.3 43.7 83.7
272 12.8 0.0 33.3

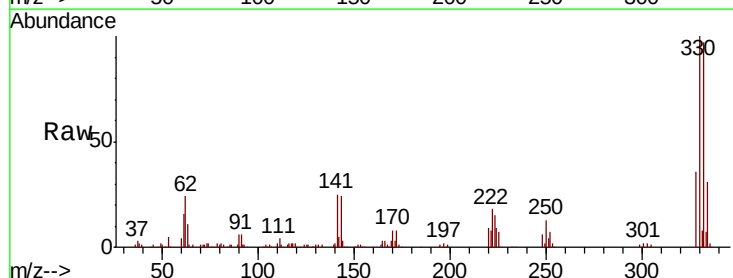


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

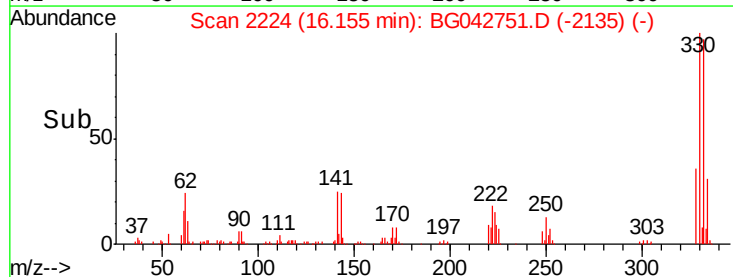
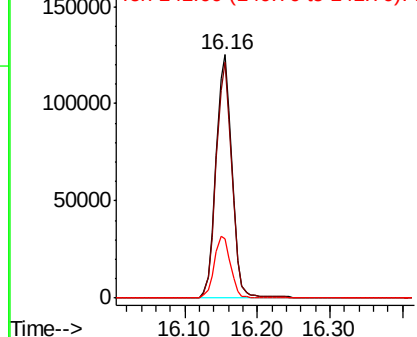


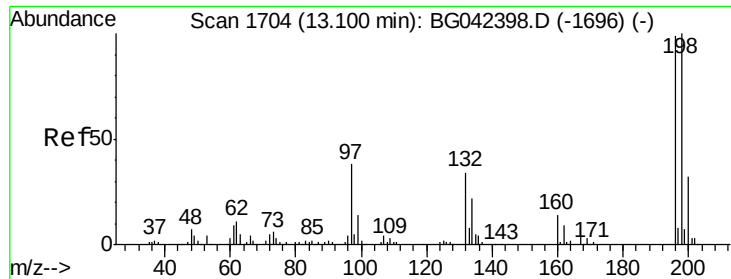
#42
2,4,6-Tribromophenol
Concen: 130.718 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG042751.D
Acq: 6 Sep 2019 16:55

Tgt Ion:330 Resp: 193198
Ion Ratio Lower Upper
330 100
332 95.6 77.4 116.0
141 25.9 21.4 32.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

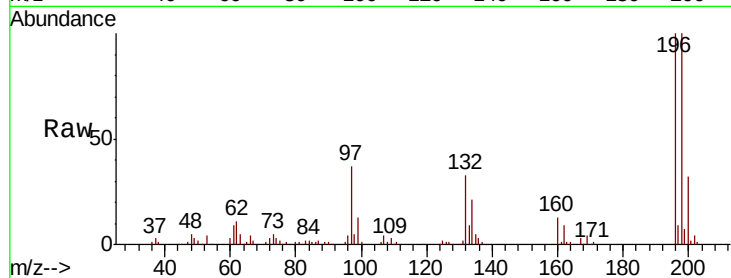




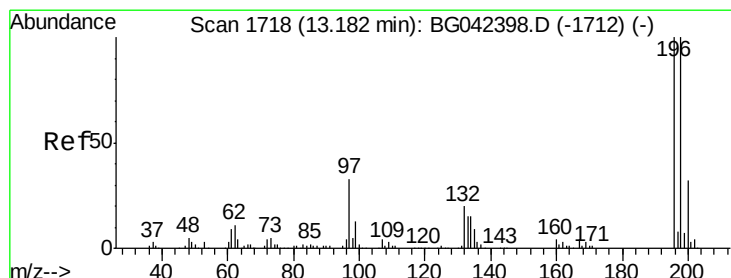
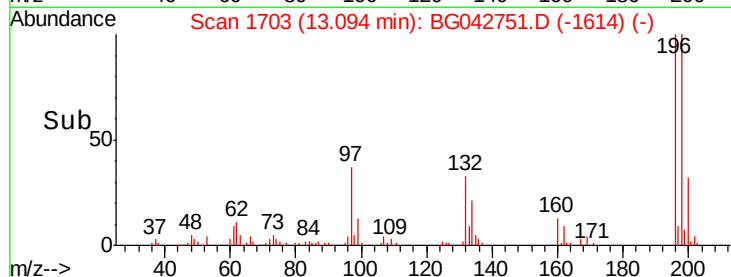
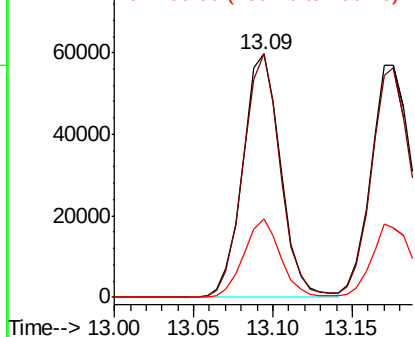
#43
 2,4,6-Trichlorophenol
 Concen: 43.952 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042751.D
 Acq: 6 Sep 2019 16:55

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 99208
 Ion Ratio Lower Upper
 196 100
 198 99.9 80.7 121.1
 200 32.3 25.7 38.5

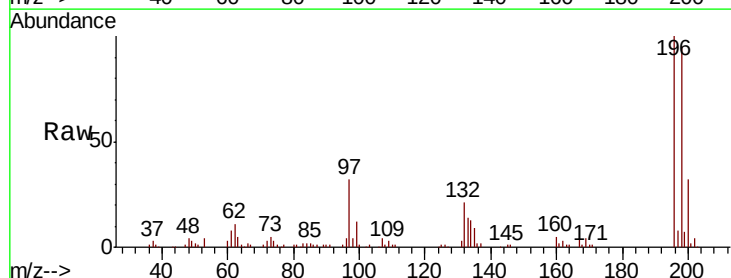


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

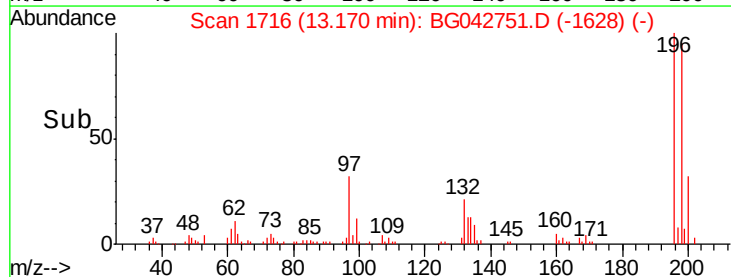
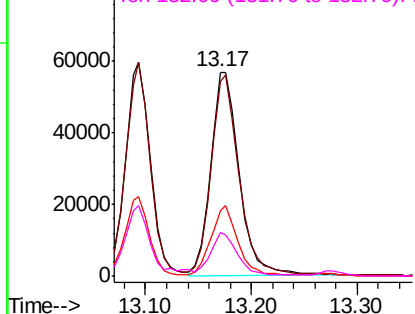


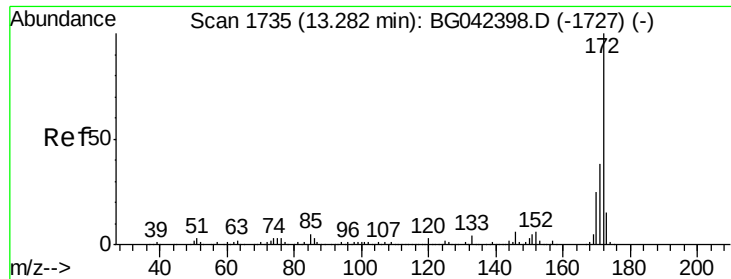
#44
 2,4,5-Trichlorophenol
 Concen: 45.472 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042751.D
 Acq: 6 Sep 2019 16:55

Tgt Ion:196 Resp: 106362
 Ion Ratio Lower Upper
 196 100
 198 95.4 80.2 120.4
 97 31.9 26.3 39.5
 132 21.1 16.6 24.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

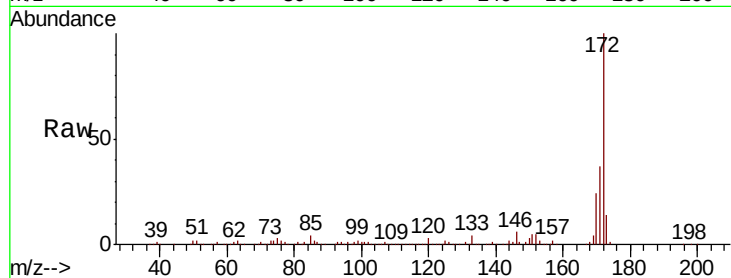




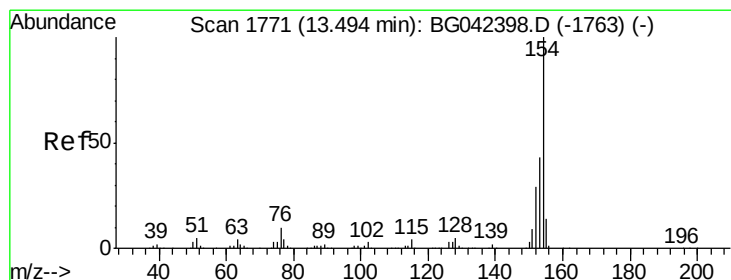
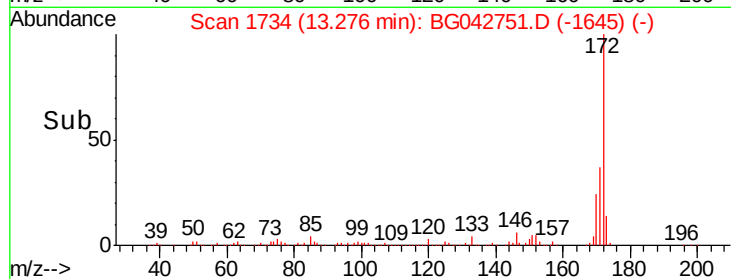
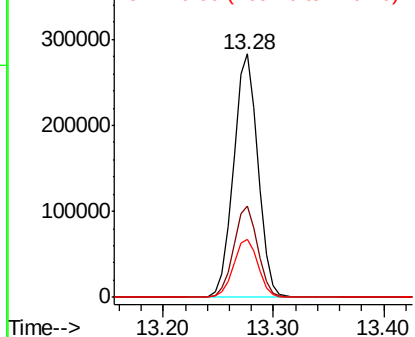
#45
2-Fluorobiphenyl
Concen: 71.279 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042751.D
Acq: 6 Sep 2019 16:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.5	45.7
170	23.9	20.2	30.2

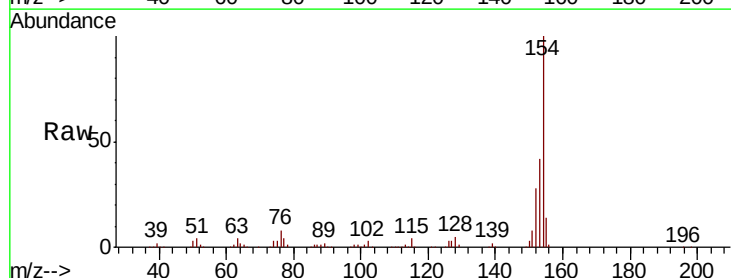


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

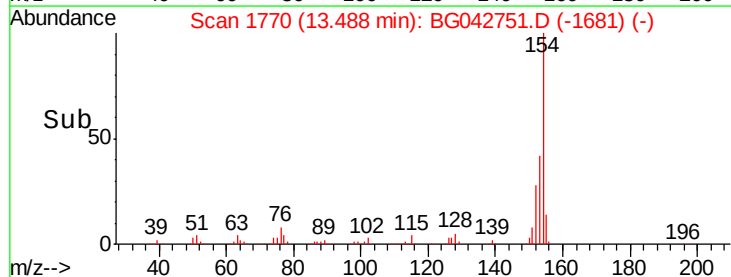
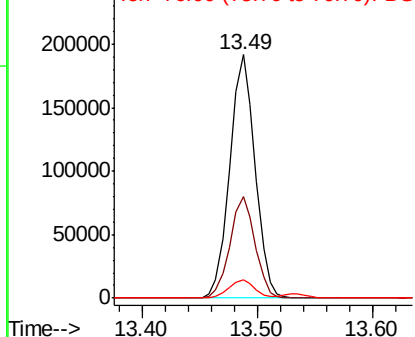


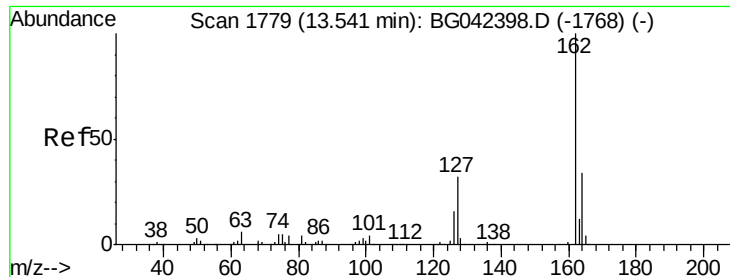
#46
1,1'-Biphenyl
Concen: 43.183 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BG042751.D
Acq: 6 Sep 2019 16:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	23.0	63.0
76	7.7	0.0	29.6



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

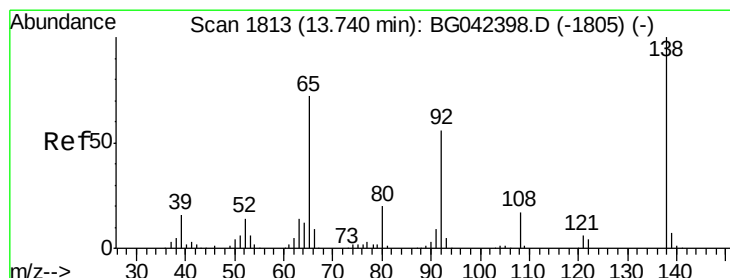
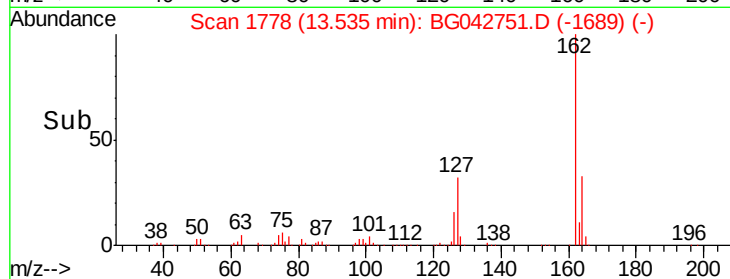
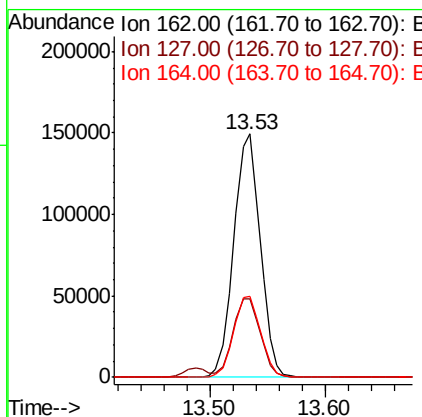
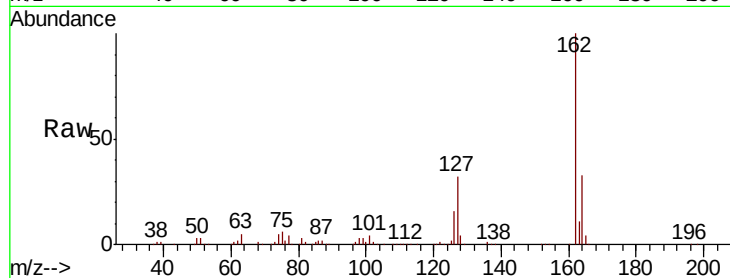




#47
 2-Chloronaphthalene
 Concen: 41.132 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG042751.D
 Acq: 6 Sep 2019 16:55

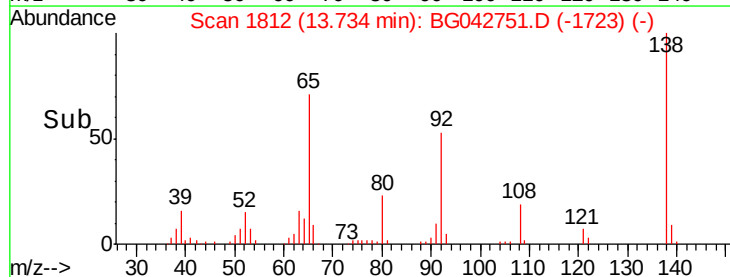
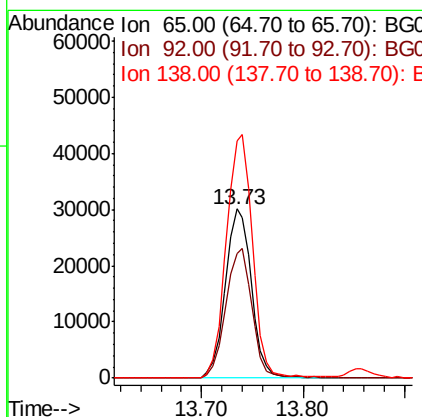
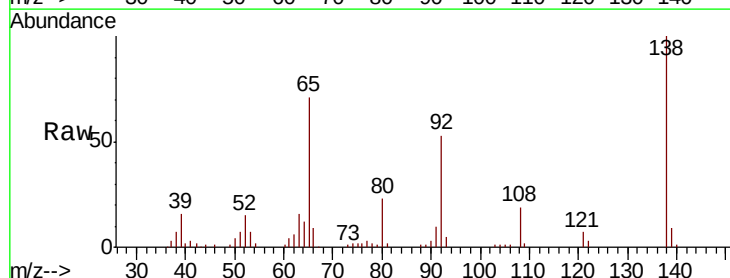
Instrument :
 BNA_G
 ClientSampleId :

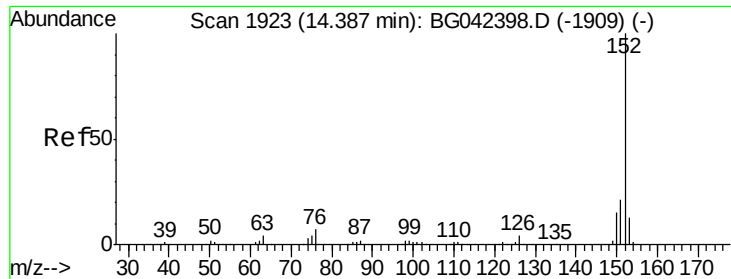
Tot Ion	Ratio	Lower	Upper
162	100		
127	32.2	26.0	39.0
164	33.4	27.4	41.0



#48
 2-Nitroaniline
 Concen: 38.486 ng
 RT: 13.73 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BG042751.D
 Acq: 6 Sep 2019 16:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.7	61.8	92.6
138	140.2	111.0	166.6





#49

Acenaphthylene

Concen: 43.539 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

Instrument :

BNA_G

ClientSampleId :

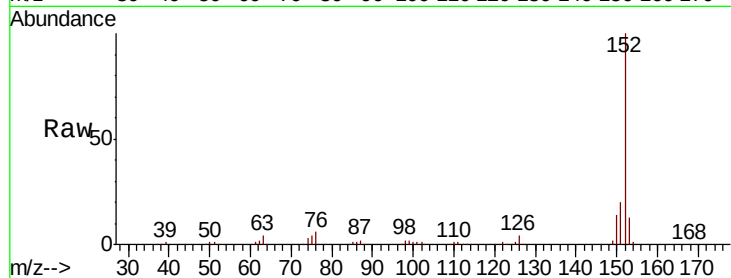
Tot Ion:152 Resp: 379648

Ion Ratio Lower Upper

152 100

151 20.3 17.0 25.4

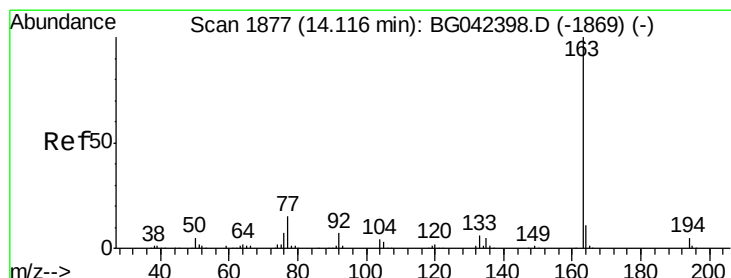
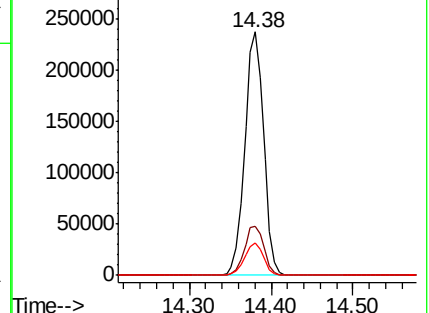
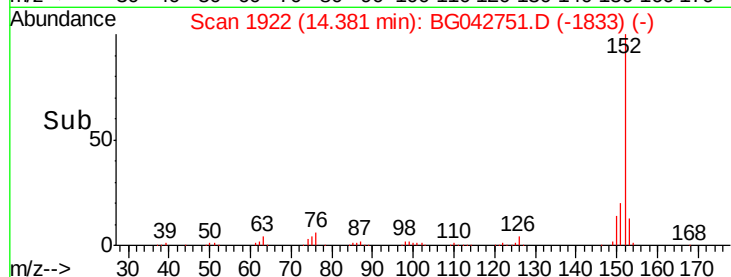
153 13.2 10.6 16.0



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: 43.651 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

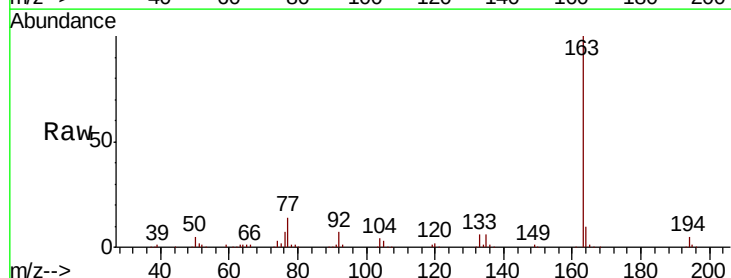
Tgt Ion:163 Resp: 327507

Ion Ratio Lower Upper

163 100

194 5.0 4.2 6.2

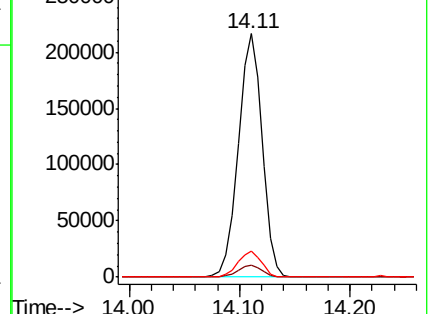
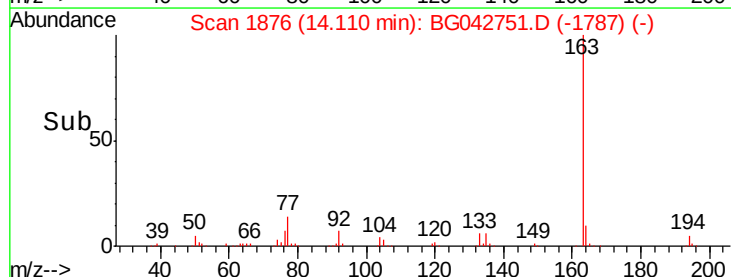
164 10.5 8.8 13.2

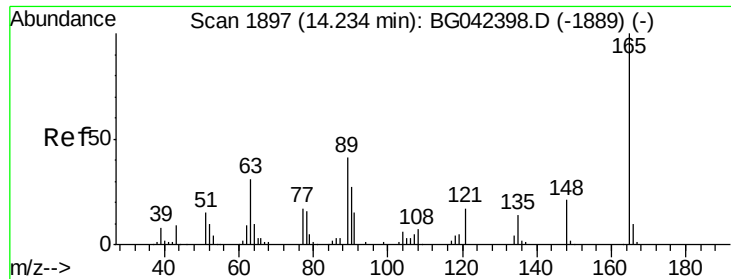


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.033 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

Instrument :

BNA_G

ClientSampleId :

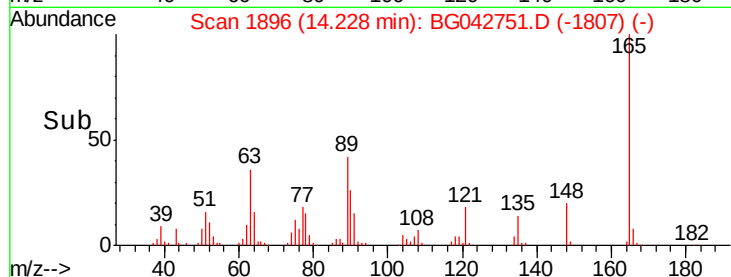
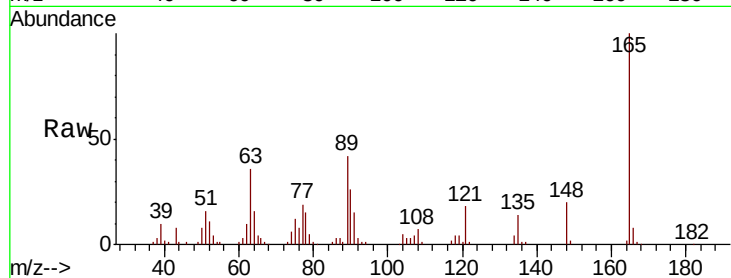
Tot Ion:165 Resp: 78318

Ion Ratio Lower Upper

165 100

63 36.4 30.6 45.8

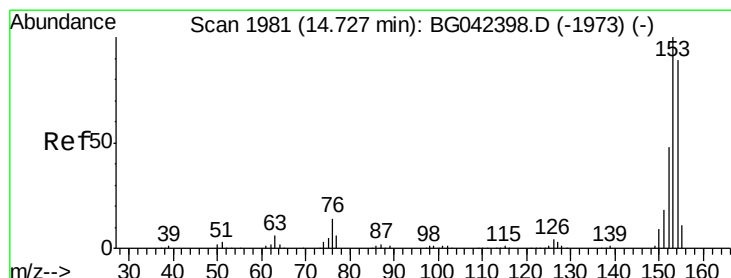
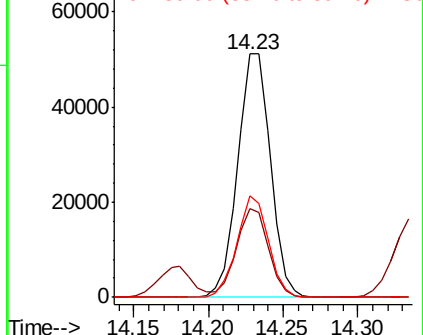
89 41.5 32.6 49.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 41.998 ng

RT: 14.72 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

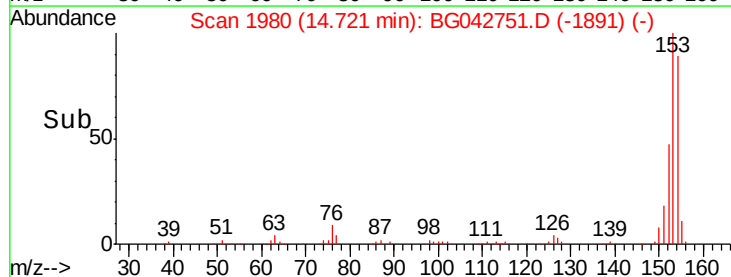
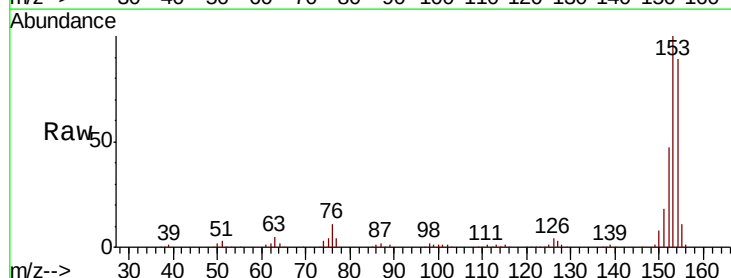
Tgt Ion:154 Resp: 222368

Ion Ratio Lower Upper

154 100

153 112.9 90.2 135.4

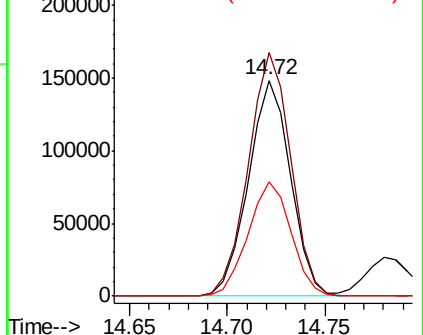
152 52.9 43.2 64.8

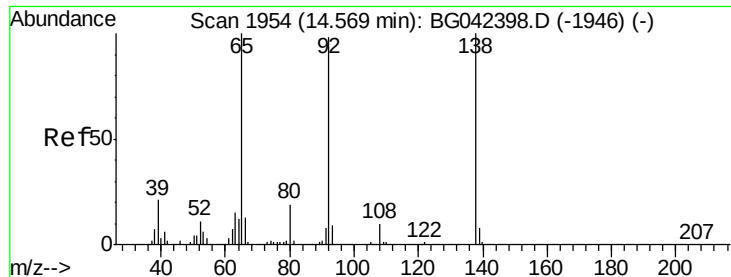


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 30.335 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

Instrument :

BNA_G

ClientSampleId :

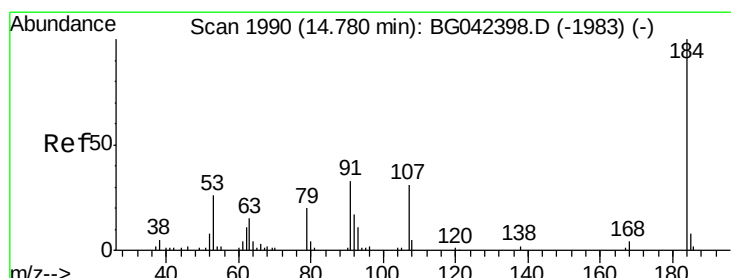
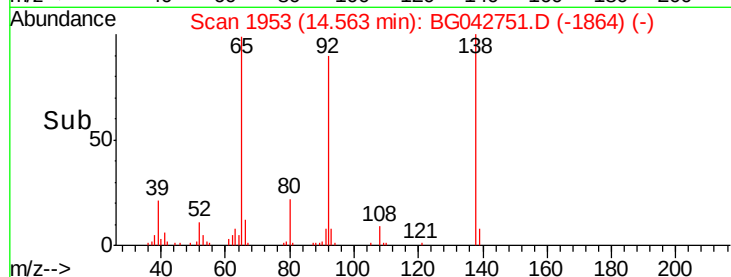
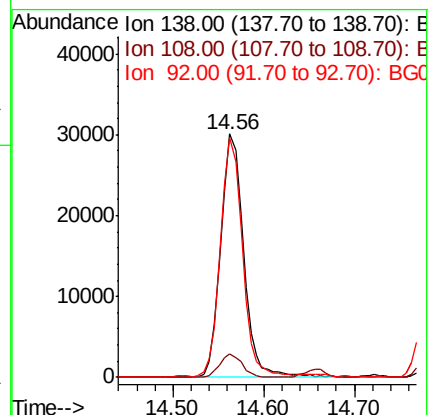
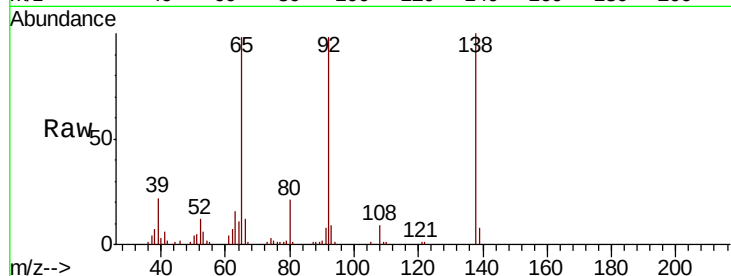
Tot Ion:138 Resp: 52761

Ion Ratio Lower Upper

138 100

108 9.4 8.3 12.5

92 98.3 78.2 117.4



#54

2,4-Dinitrophenol

Concen: 80.230 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

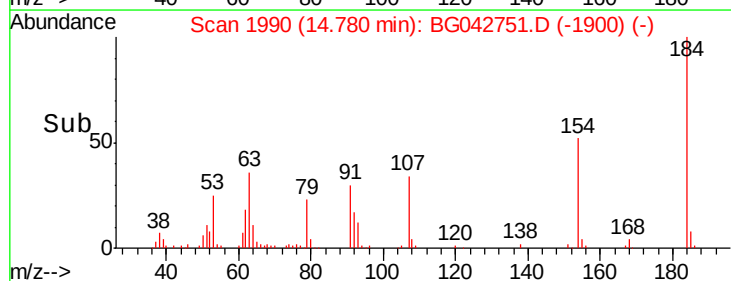
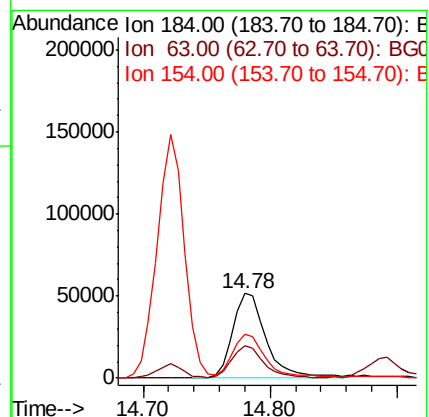
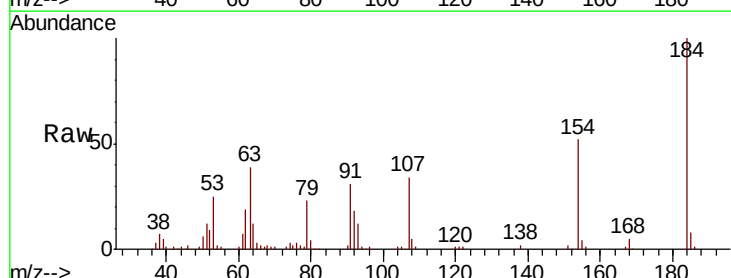
Tgt Ion:184 Resp: 94079

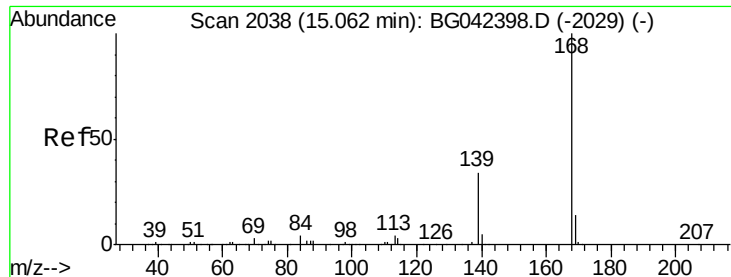
Ion Ratio Lower Upper

184 100

63 38.7 31.7 47.5

154 52.5 42.0 63.0





#55

Dibenzenofuran

Concen: 44.814 ng

RT: 15.06 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

Instrument :

BNA_G

ClientSampleId :

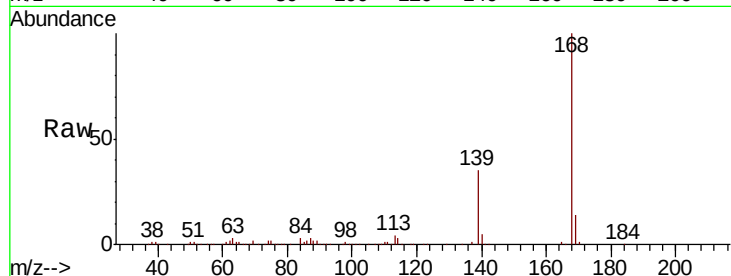
Tot Ion:168 Resp: 392760

Ion Ratio Lower Upper

168 100

139 34.9 27.2 40.8

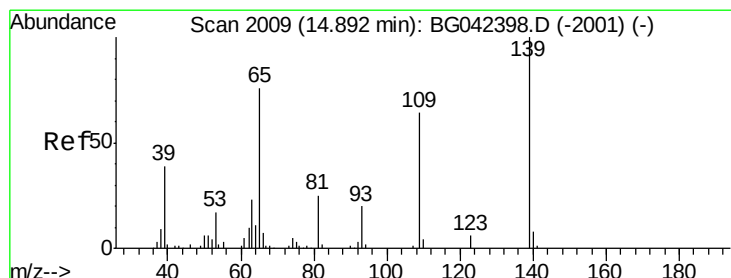
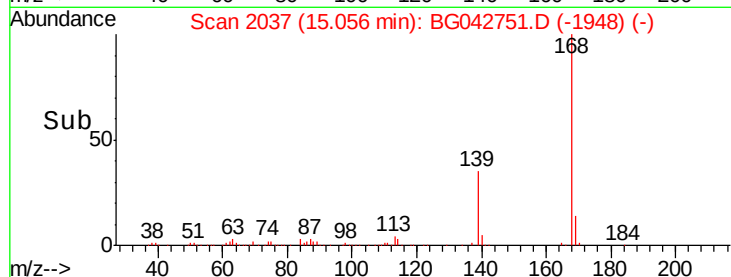
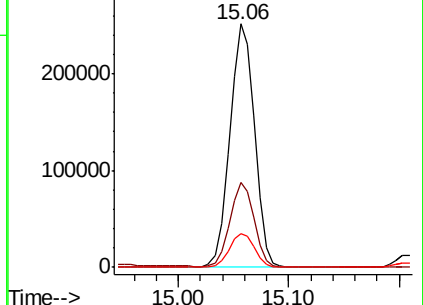
169 13.9 11.5 17.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 85.244 ng

RT: 14.89 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

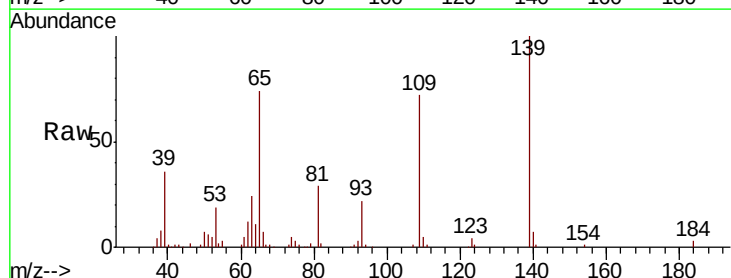
Tgt Ion:139 Resp: 105352

Ion Ratio Lower Upper

139 100

109 72.1 43.9 83.9

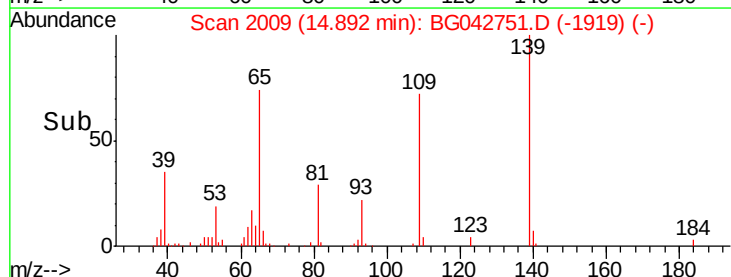
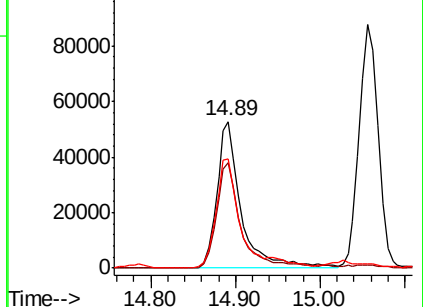
65 74.3 56.3 96.3

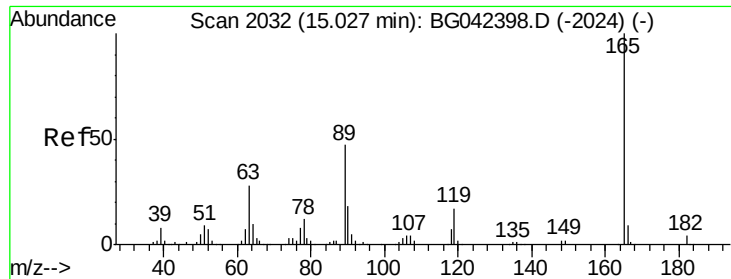


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

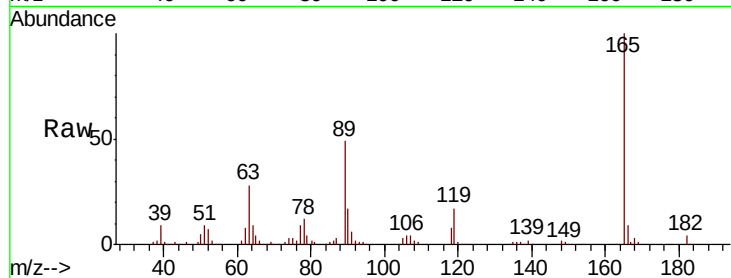




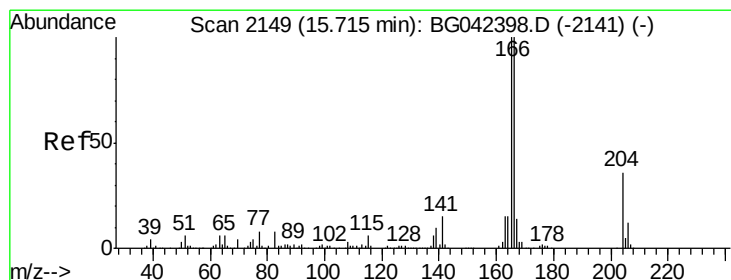
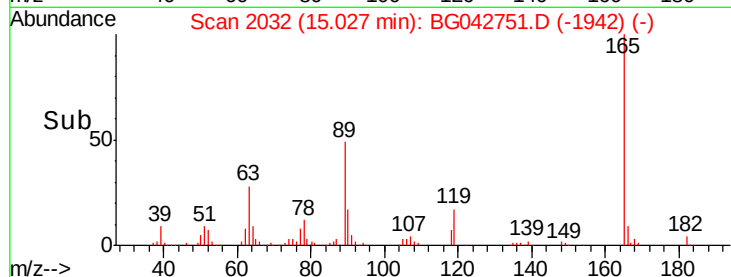
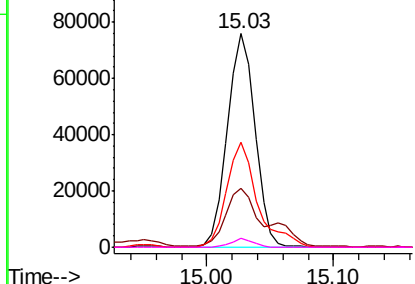
#57
2,4-Dinitrotoluene
Concen: 45.908 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG042751.D
Acq: 6 Sep 2019 16:55

Instrument :
BNA_G
ClientSampled :

Tot Ion:165	Resp:	114329
Ion Ratio	Lower	Upper
165	100	
63	27.8	22.5 33.7
89	49.0	37.8 56.6
182	4.0	3.0 4.4

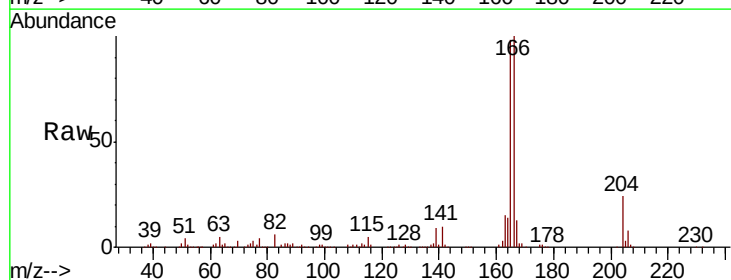


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

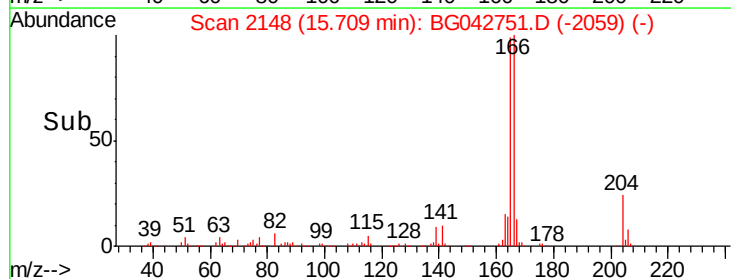
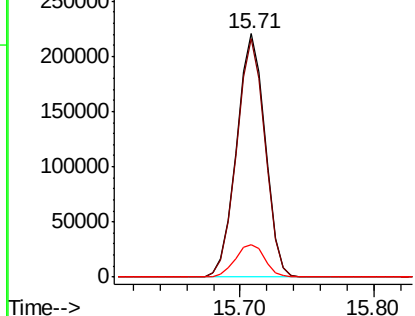


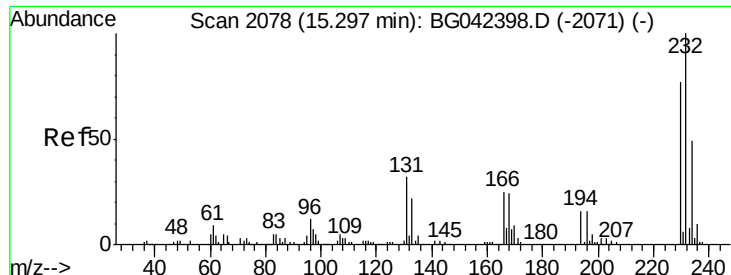
#58
Fluorene
Concen: 45.417 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG042751.D
Acq: 6 Sep 2019 16:55

Tgt Ion:166	Resp:	325385
Ion Ratio	Lower	Upper
166	100	
165	98.2	79.7 119.5
167	13.3	10.9 16.3



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

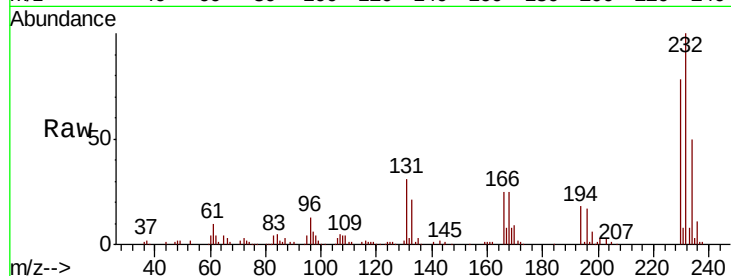




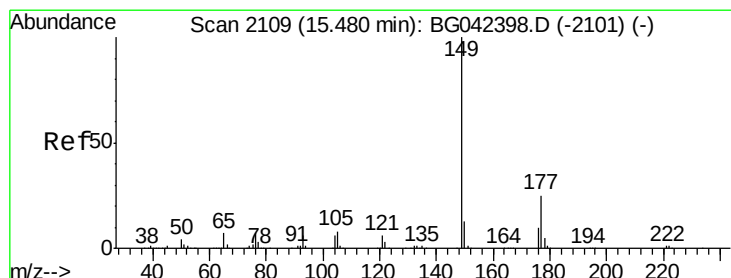
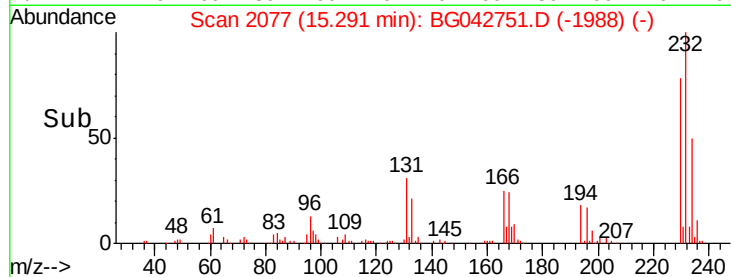
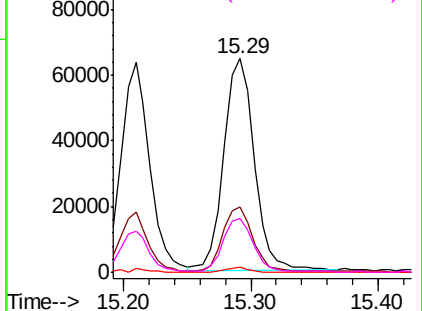
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.597 ng
 RT: 15.29 min Scan# 2077
 Delta R.T. -0.01 min
 Lab File: BG042751.D
 Acq: 6 Sep 2019 16:55

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:232	Resp:	107785
Ion Ratio	Lower	Upper
232	100	
131	30.2	22.9 34.3
130	1.7	1.4 2.0
166	24.8	17.0 25.4

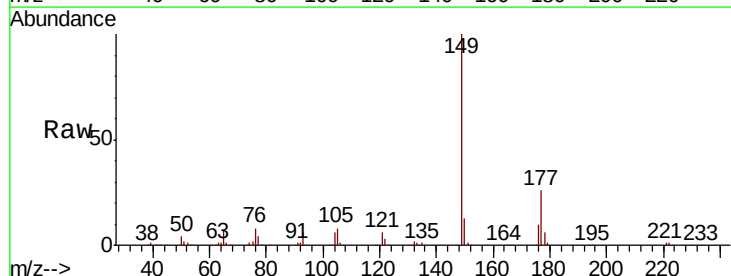


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

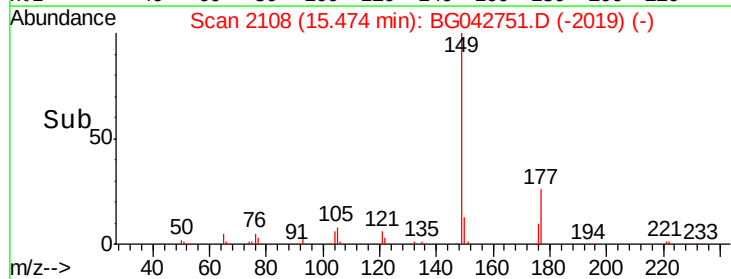
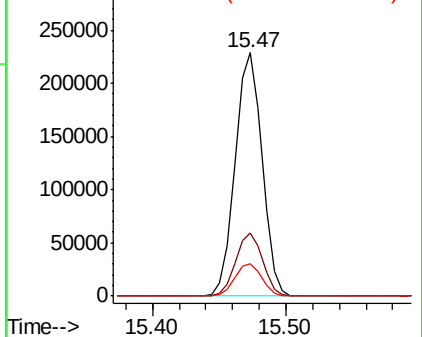


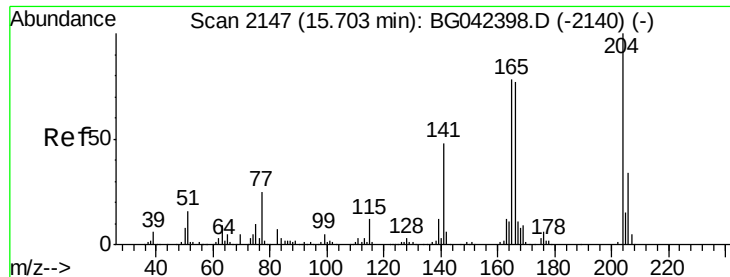
#60
 Diethylphthalate
 Concen: 43.626 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BG042751.D
 Acq: 6 Sep 2019 16:55

Tgt Ion:149	Resp:	319972
Ion Ratio	Lower	Upper
149	100	
177	25.8	20.4 30.6
150	13.2	10.3 15.5



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

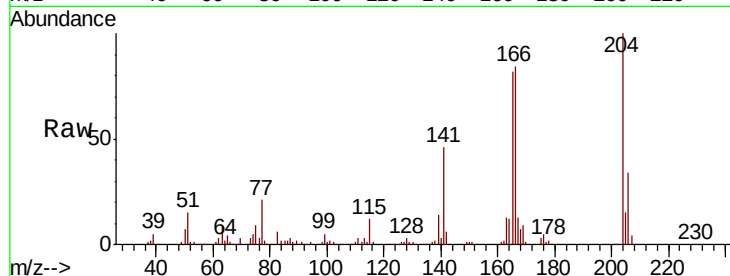




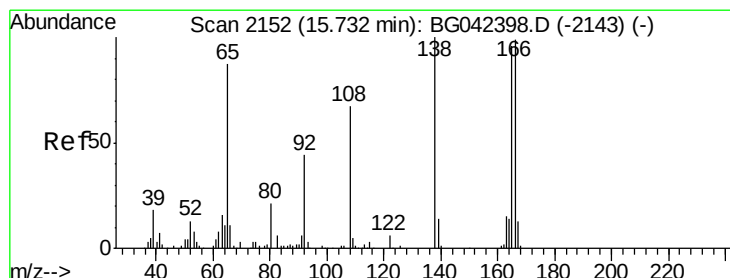
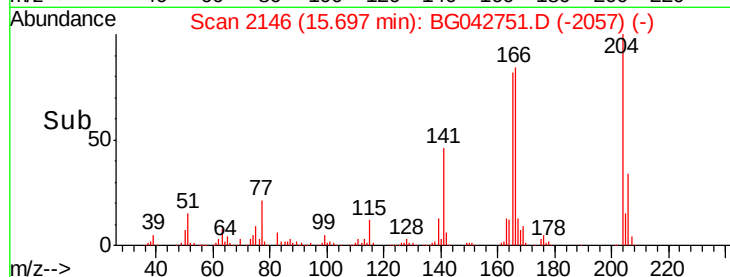
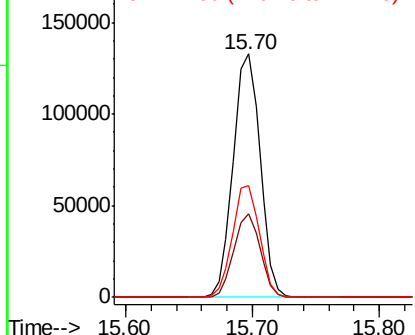
#61
4-Chlorophenyl-phenylether
Concen: 45.277 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG042751.D
Acq: 6 Sep 2019 16:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 195541
Ion Ratio Lower Upper
204 100
206 34.3 27.2 40.8
141 46.2 38.7 58.1

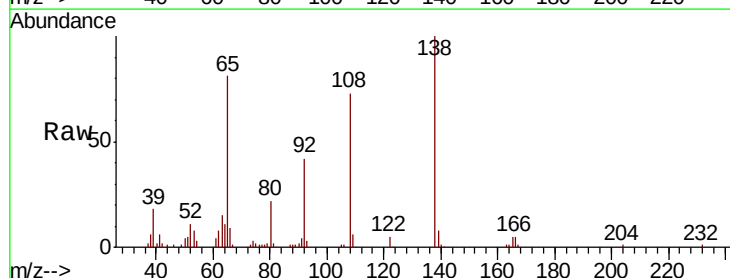


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

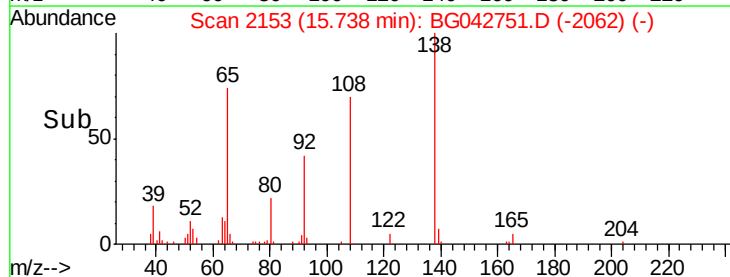
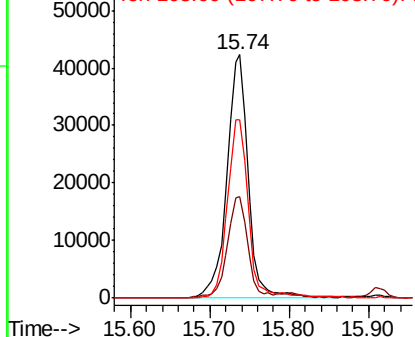


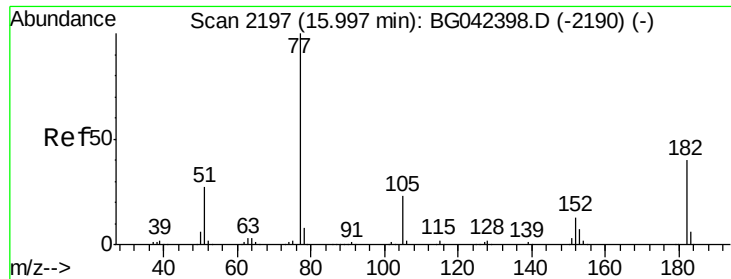
#62
4-Nitroaniline
Concen: 42.231 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.01 min
Lab File: BG042751.D
Acq: 6 Sep 2019 16:55

Tgt Ion:138 Resp: 78612
Ion Ratio Lower Upper
138 100
92 41.7 24.2 64.2
108 73.2 46.8 86.8



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





#63

Azobenzene

Concen: 40.716 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

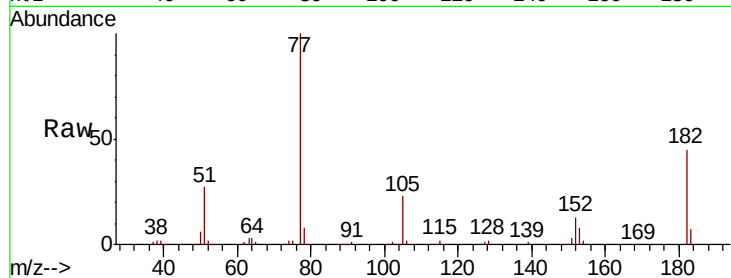
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 204630

Ion	Ratio	Lower	Upper
77	100		
182	44.8	19.9	59.9
105	22.9	2.9	42.9
51	27.4	7.6	47.6

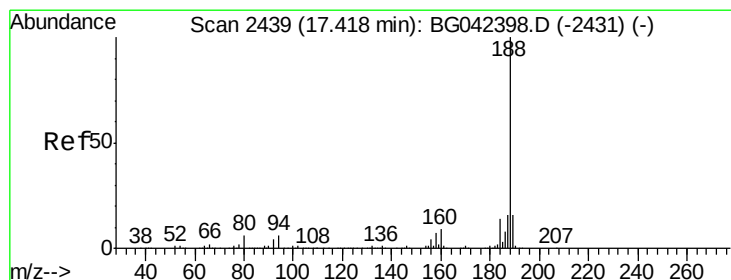
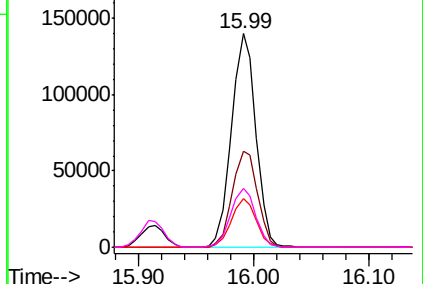
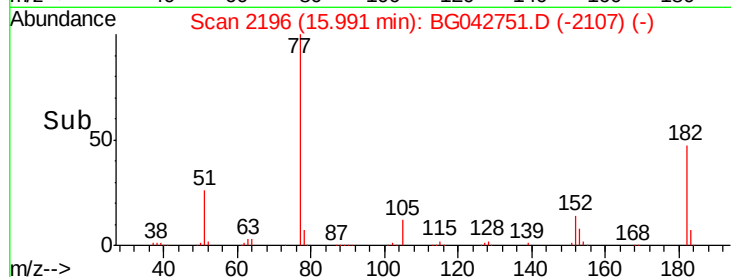


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.41 min Scan# 2438

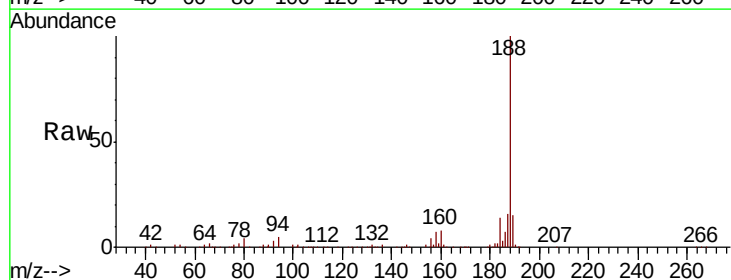
Delta R.T. -0.01 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

Tgt Ion: 188 Resp: 263930

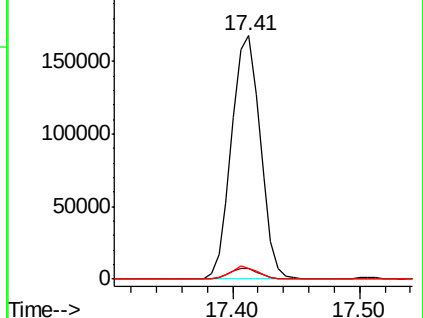
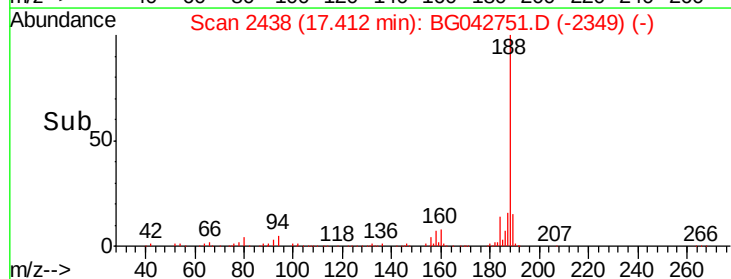
Ion	Ratio	Lower	Upper
188	100		
94	4.6	4.5	6.7
80	4.5	4.9	7.3

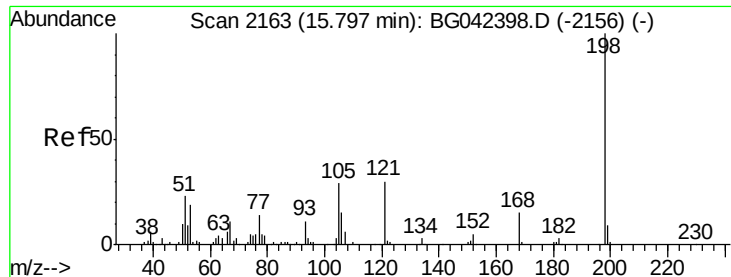


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 47.332 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

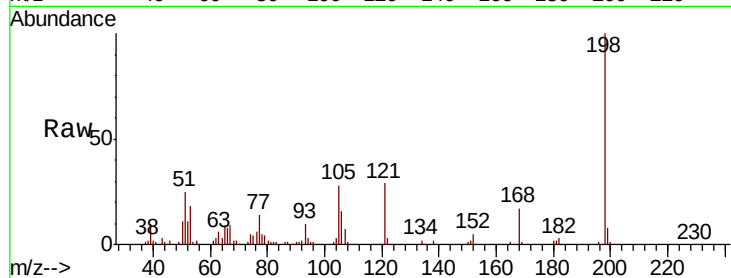
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 78321

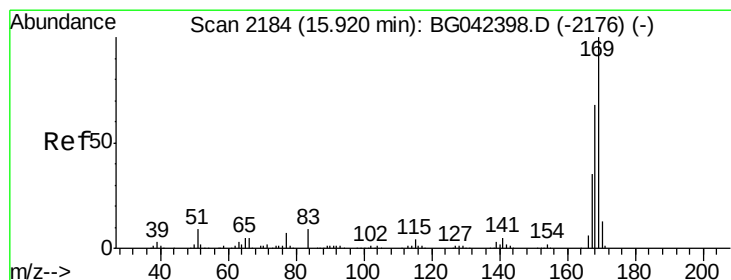
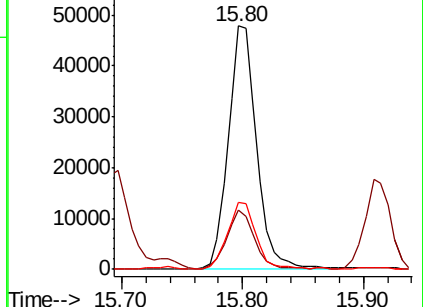
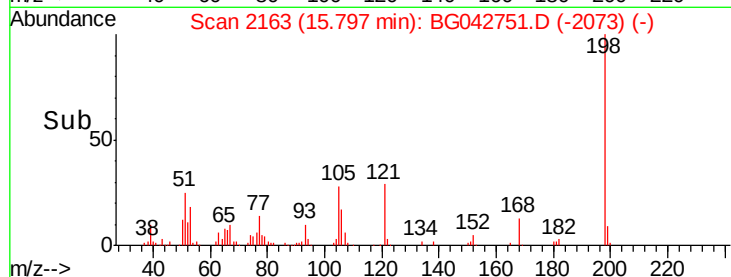
Ion	Ratio	Lower	Upper
198	100		
51	24.5	4.2	44.2
105	27.6	8.8	48.8



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: 41.803 ng

RT: 15.91 min Scan# 2183

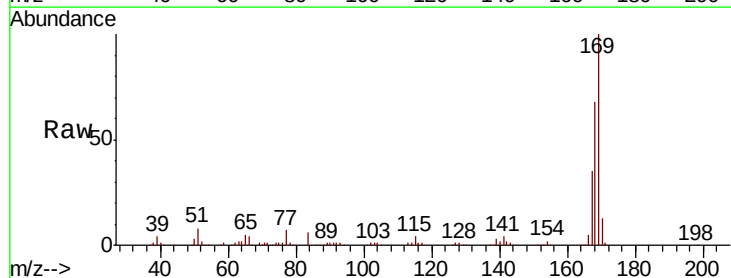
Delta R.T. -0.01 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

Tgt Ion:169 Resp: 303421

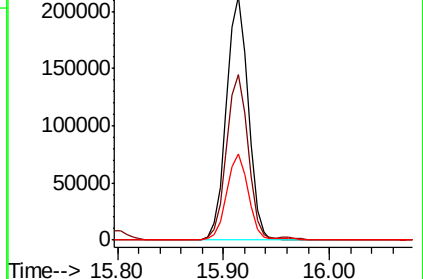
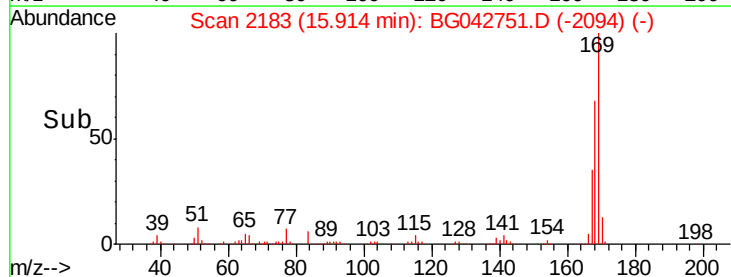
Ion	Ratio	Lower	Upper
169	100		
168	68.0	54.3	81.5
167	35.2	28.2	42.2

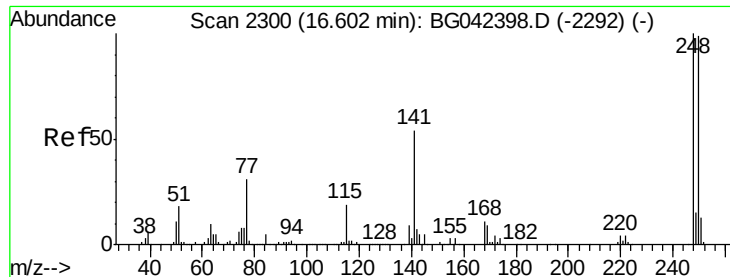


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

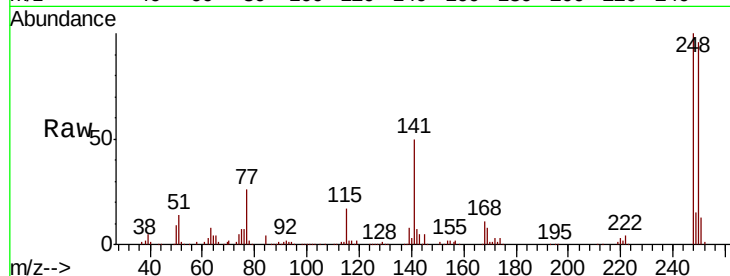




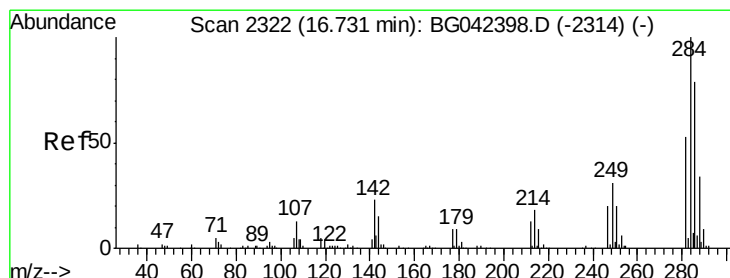
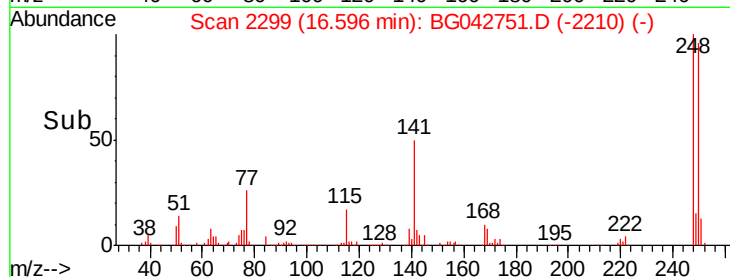
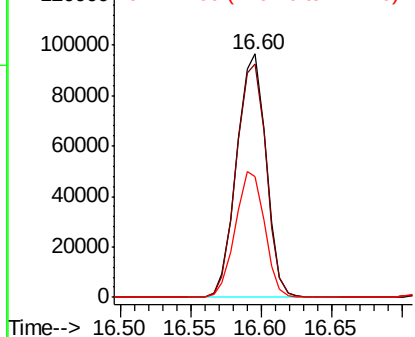
#67
 4-Bromophenyl-phenylether
 Concen: 41.943 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG042751.D
 Acq: 6 Sep 2019 16:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 140417
 Ion Ratio Lower Upper
 248 100
 250 96.0 78.9 118.3
 141 49.6 43.3 64.9

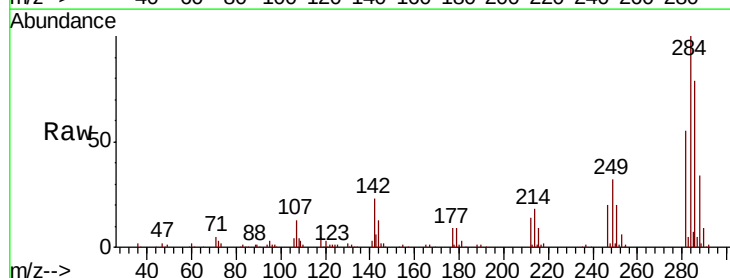


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

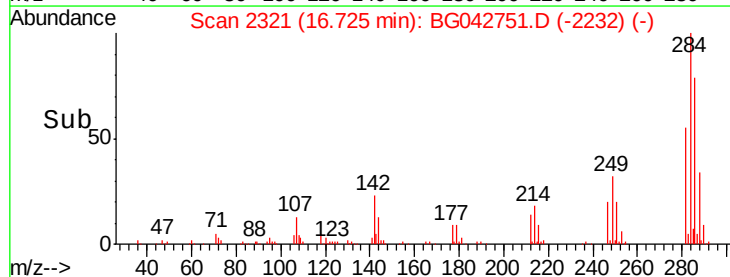
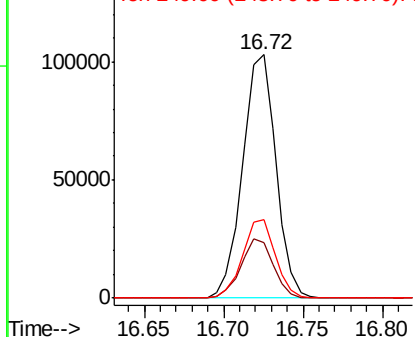


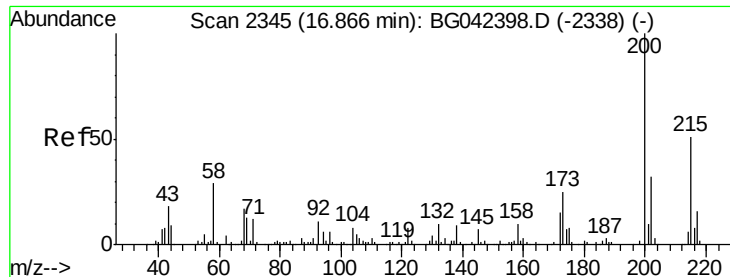
#68
 Hexachlorobenzene
 Concen: 41.285 ng
 RT: 16.72 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG042751.D
 Acq: 6 Sep 2019 16:55

Tgt Ion:284 Resp: 150247
 Ion Ratio Lower Upper
 284 100
 142 22.9 18.2 27.4
 249 32.0 25.0 37.4



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: 45.647 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

Instrument :

BNA_G

ClientSampled :

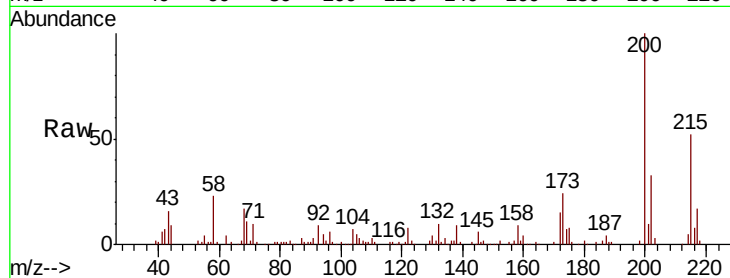
Tot Ion:200 Resp: 117165

Ion Ratio Lower Upper

200 100

173 24.4 4.9 44.9

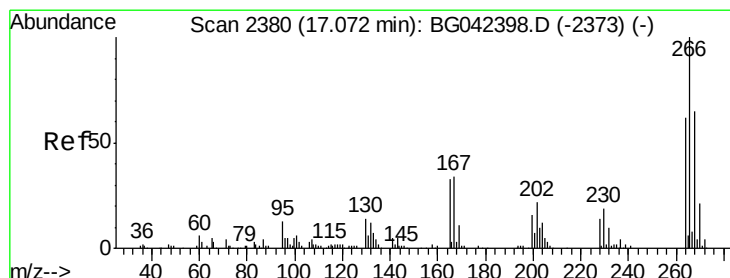
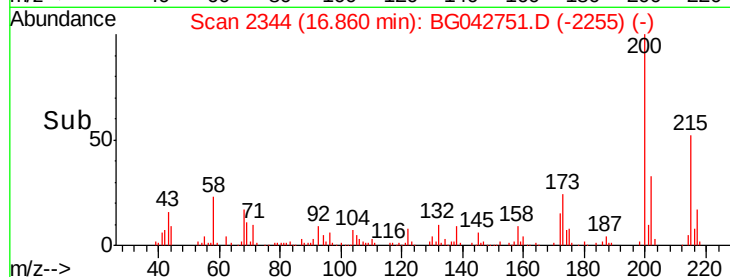
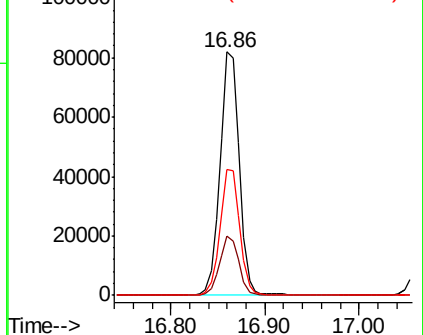
215 51.9 30.7 70.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 85.133 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

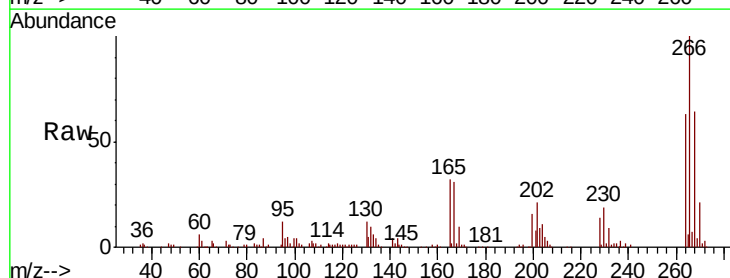
Tgt Ion:266 Resp: 160980

Ion Ratio Lower Upper

266 100

268 64.4 52.1 78.1

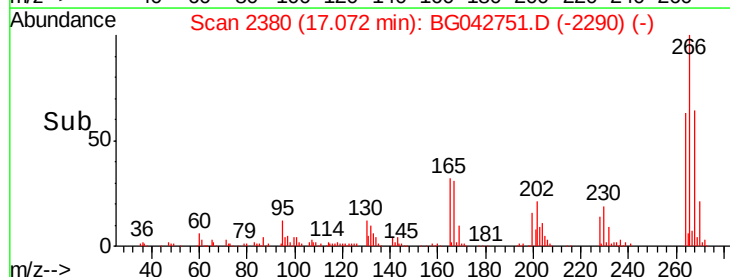
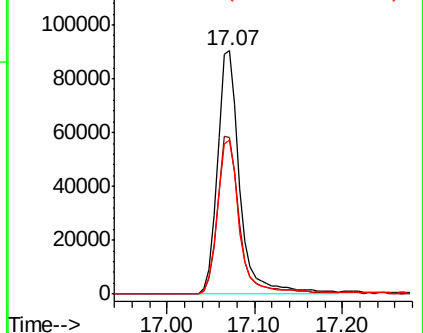
264 63.2 49.4 74.2

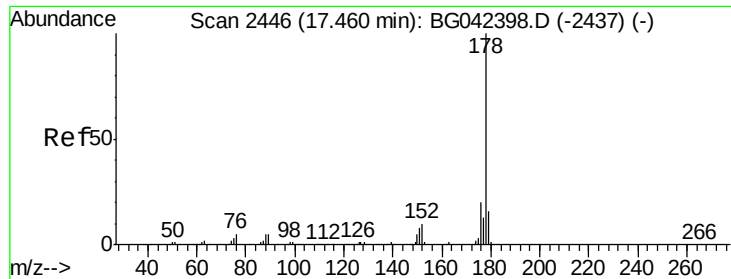


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

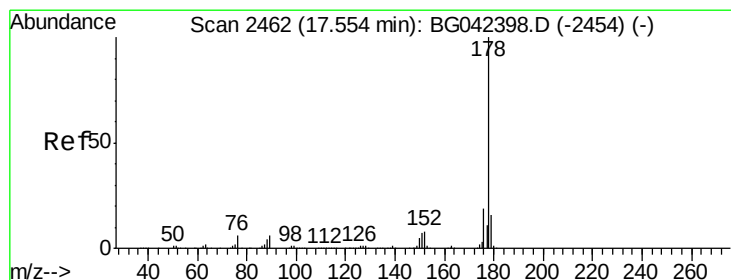
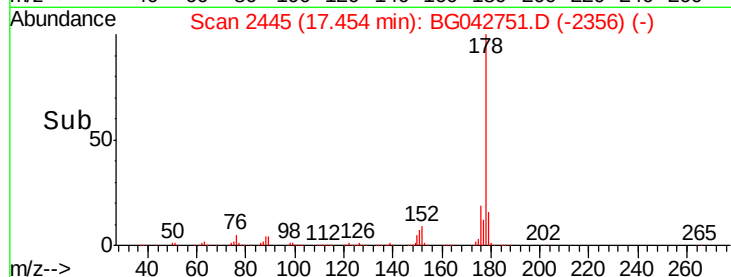
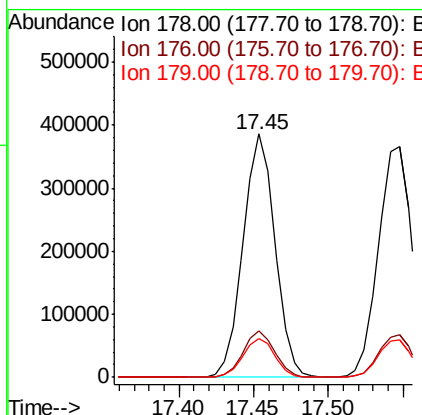
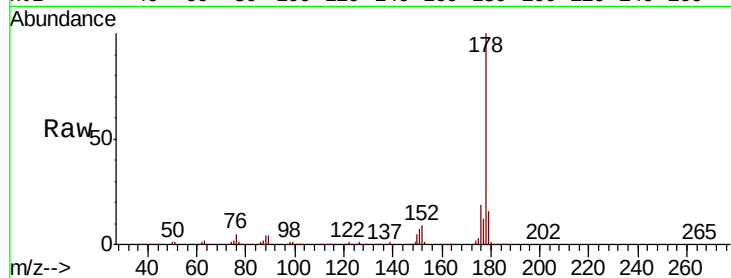




#71
 Phenanthrene
 Concen: 43.547 ng
 RT: 17.45 min Scan# 2445
 Delta R.T. -0.01 min
 Lab File: BG042751.D
 Acq: 6 Sep 2019 16:55

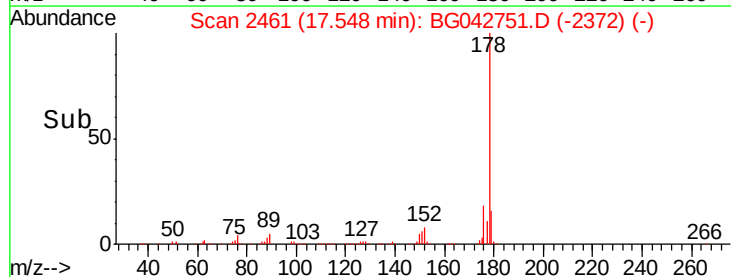
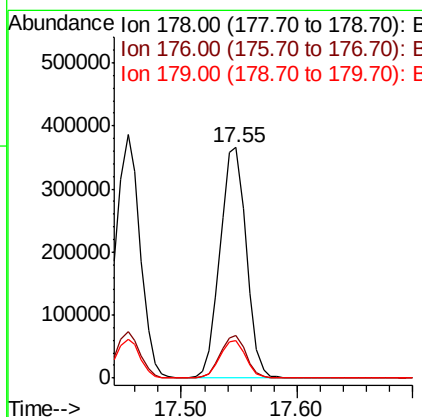
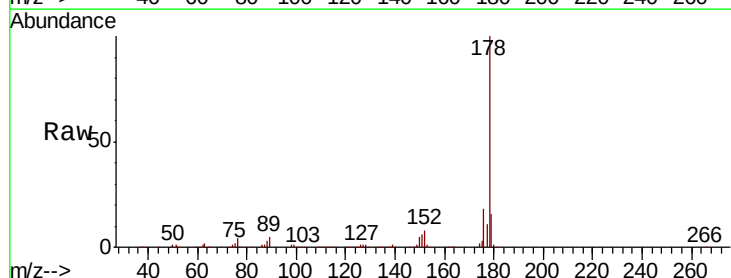
Instrument :
 BNA_G
 ClientSampleId :

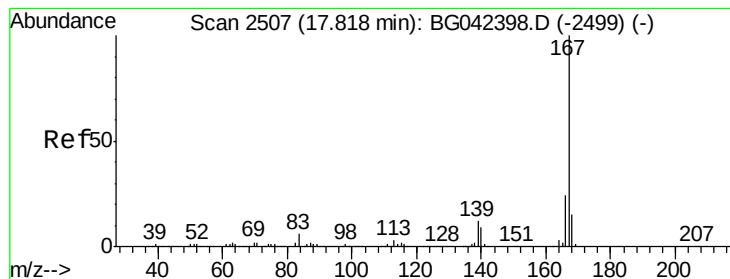
Tot Ion:178 Resp: 570890
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.9 23.9
 179 16.1 12.7 19.1



#72
 Anthracene
 Concen: 43.928 ng
 RT: 17.55 min Scan# 2461
 Delta R.T. -0.01 min
 Lab File: BG042751.D
 Acq: 6 Sep 2019 16:55

Tgt Ion:178 Resp: 574904
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.5 23.3
 179 16.3 12.9 19.3





#73

Carbazole

Concen: 43.298 ng

RT: 17.81 min Scan# 2506

Delta R.T. -0.01 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

Instrument :

BNA_G

ClientSampleId :

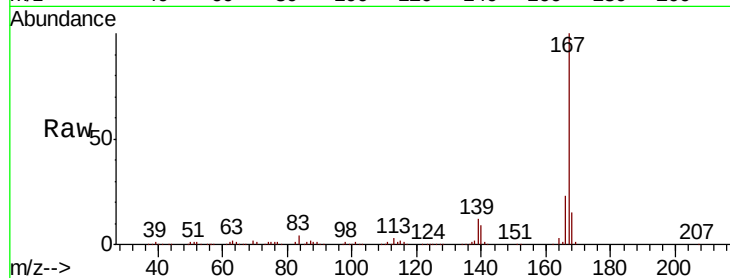
Tot Ion:167 Resp: 505032

Ion Ratio Lower Upper

167 100

166 22.9 18.9 28.3

139 11.6 9.8 14.6

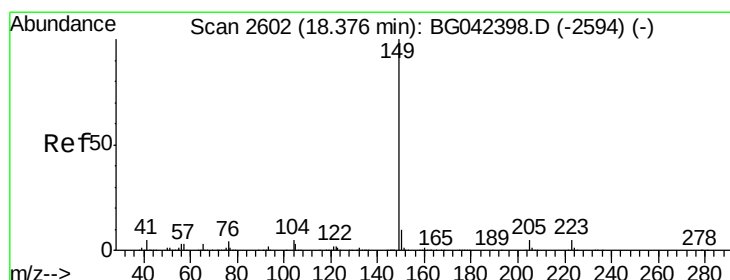
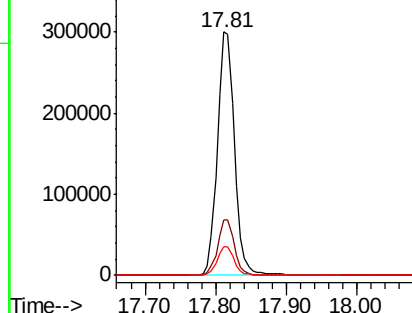
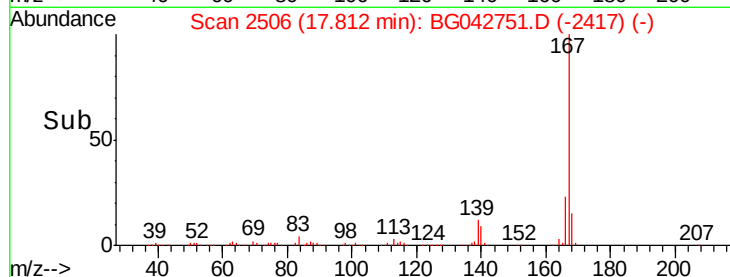


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.390 ng

RT: 18.37 min Scan# 2601

Delta R.T. -0.01 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

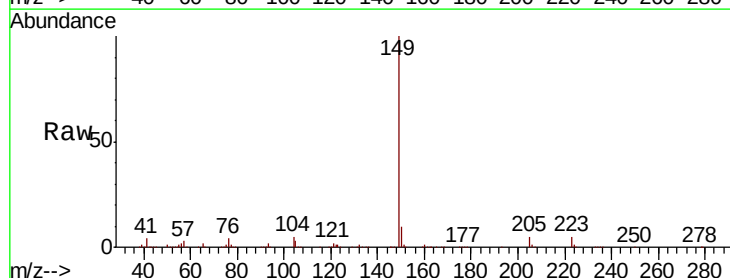
Tgt Ion:149 Resp: 584474

Ion Ratio Lower Upper

149 100

150 9.9 8.1 12.1

104 4.5 3.7 5.5

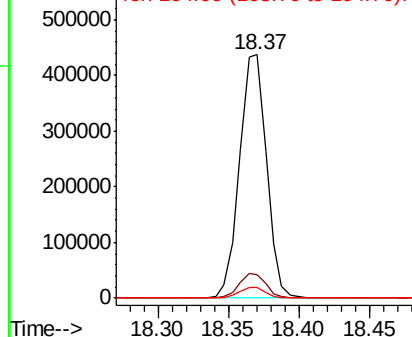
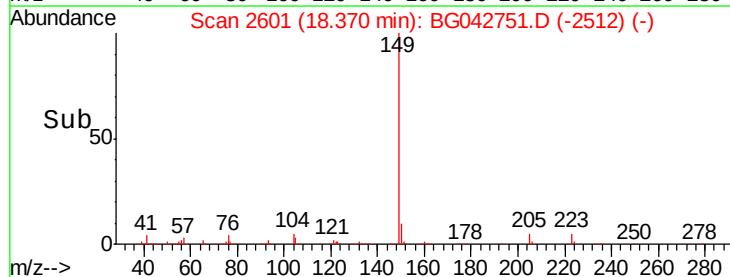


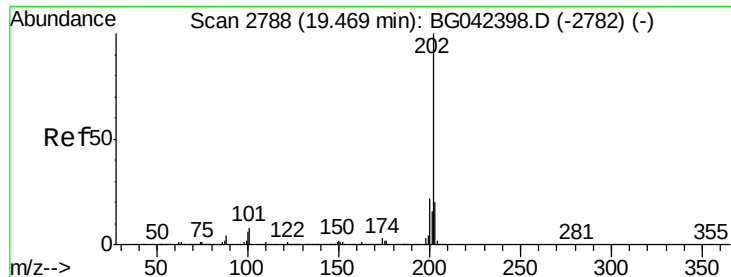
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.697 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

Instrument :

BNA_G

ClientSampleId :

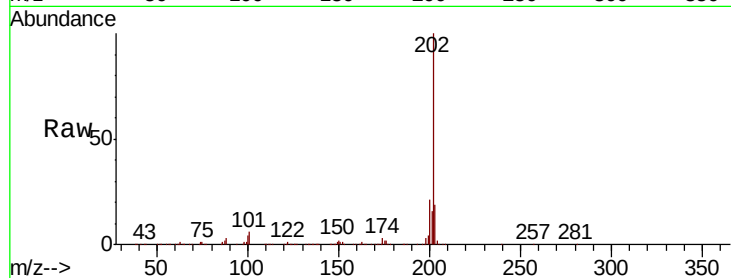
Tot Ion:202 Resp: 715133

Ion Ratio Lower Upper

202 100

101 5.7 0.0 28.3

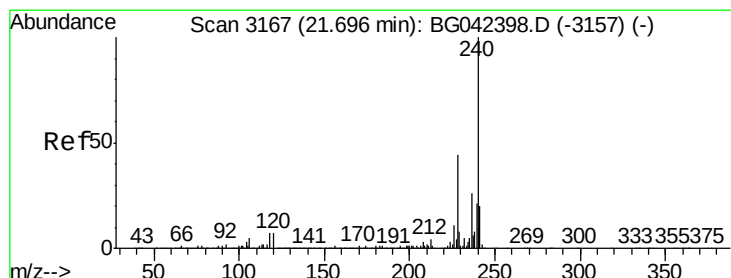
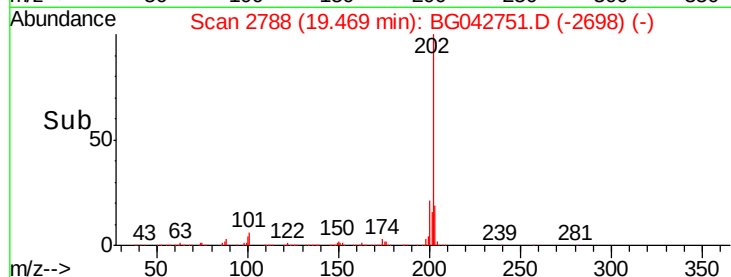
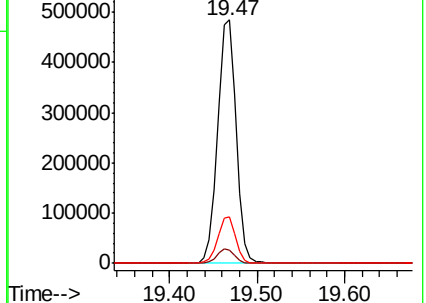
203 19.3 0.0 39.6



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: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

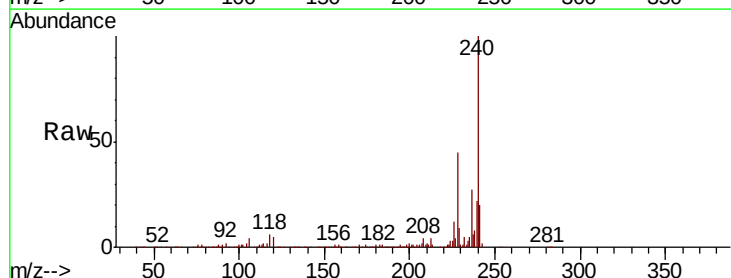
Tgt Ion:240 Resp: 216000

Ion Ratio Lower Upper

240 100

120 5.1 5.7 8.5#

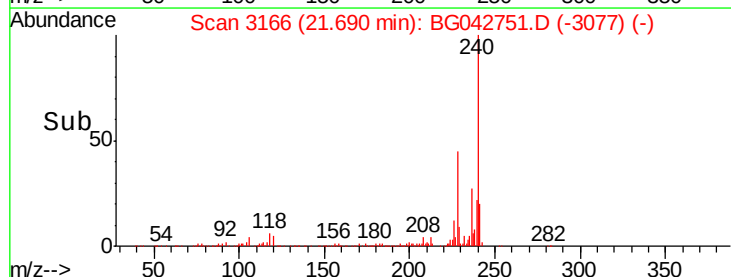
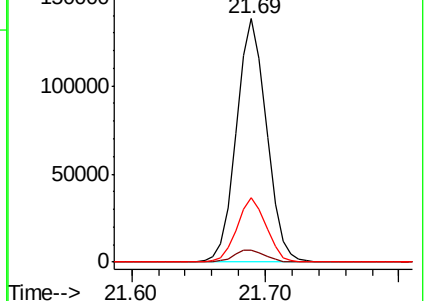
236 26.7 21.0 31.4

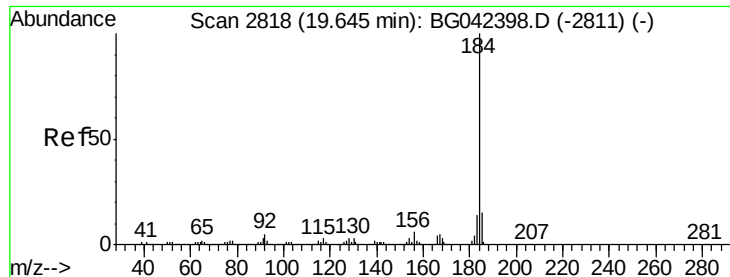


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 21.267 ng

RT: 19.65 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

Instrument :

BNA_G

ClientSampleId :

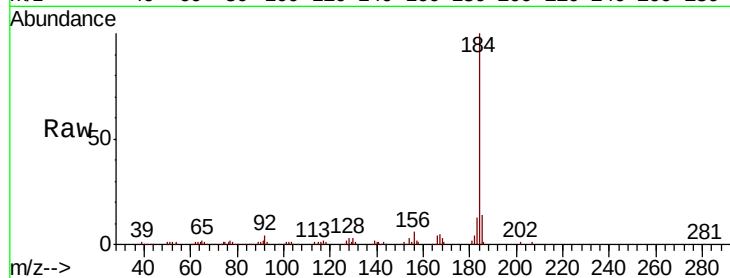
Tot Ion:184 Resp: 131702

Ion Ratio Lower Upper

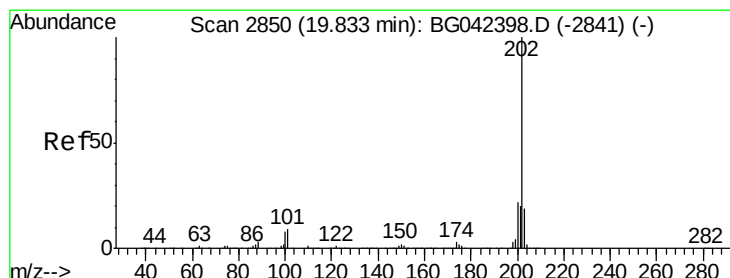
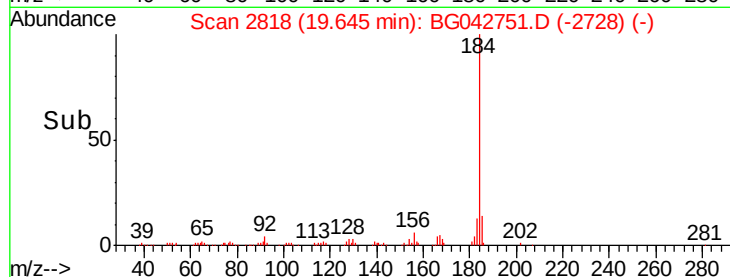
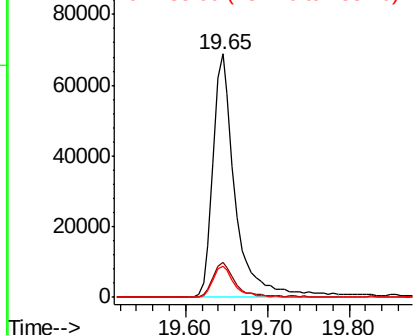
184 100

185 14.5 12.2 18.4

183 12.9 10.8 16.2



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: 53.589 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

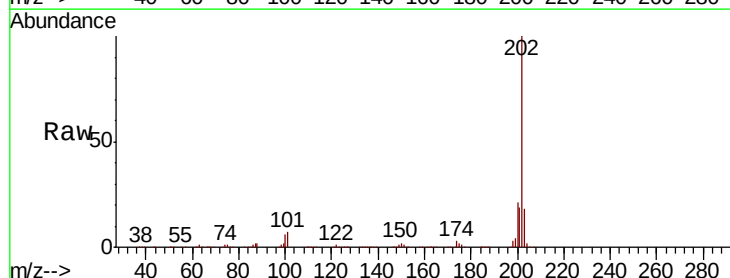
Tgt Ion:202 Resp: 709667

Ion Ratio Lower Upper

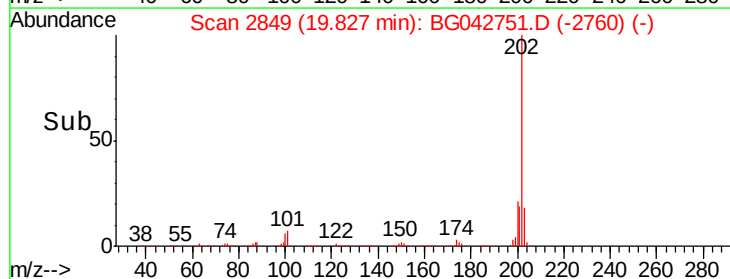
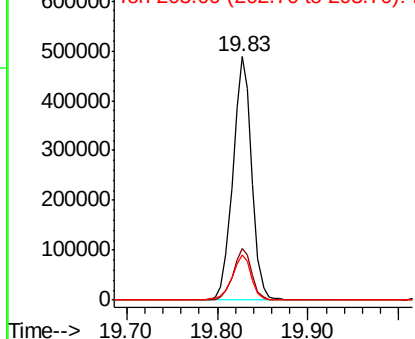
202 100

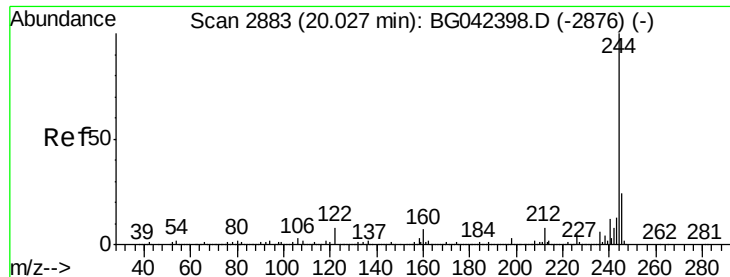
200 21.4 17.8 26.6

203 18.4 15.5 23.3



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: 87.443 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

Instrument :

BNA_G

ClientSampleId :

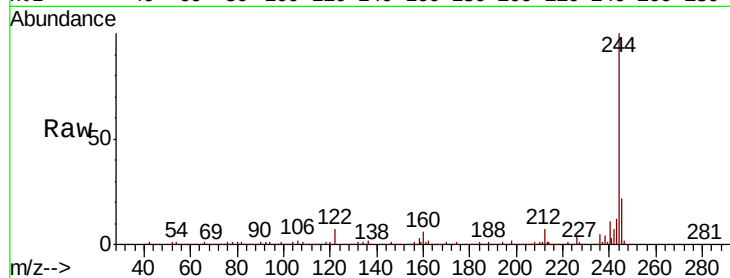
Tot Ion:244 Resp: 873655

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

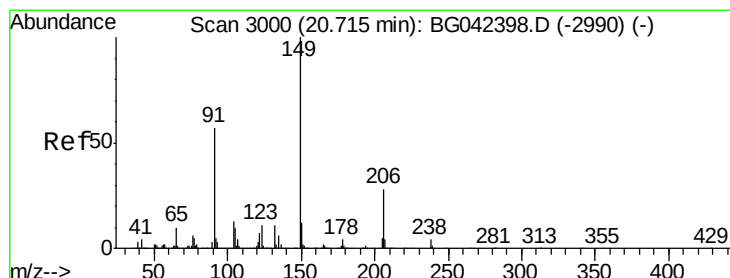
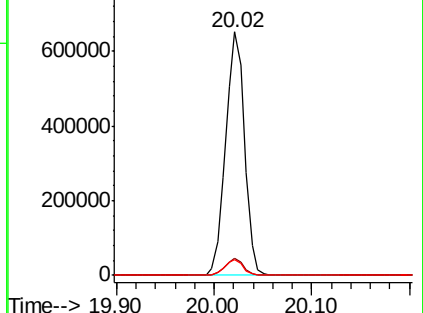
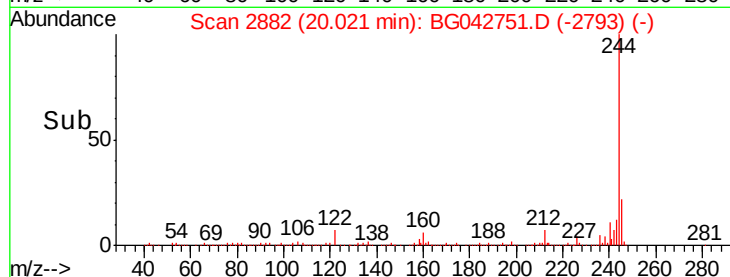
122 6.7 6.7 10.1#



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: 38.684 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.01 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

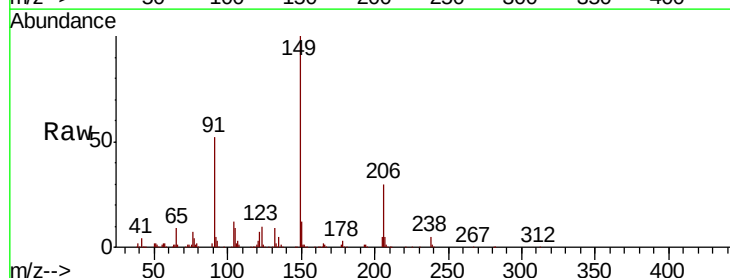
Tgt Ion:149 Resp: 201496

Ion Ratio Lower Upper

149 100

91 52.0 45.9 68.9

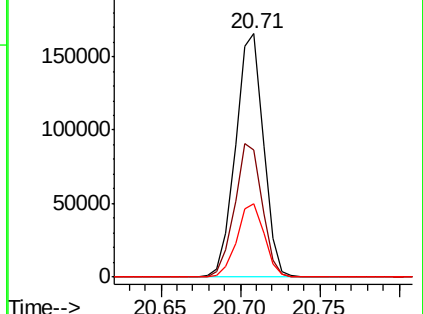
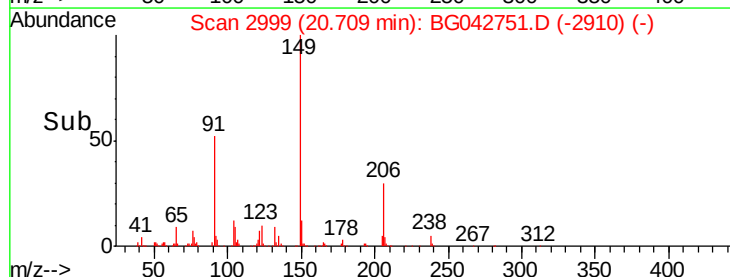
206 30.3 22.5 33.7

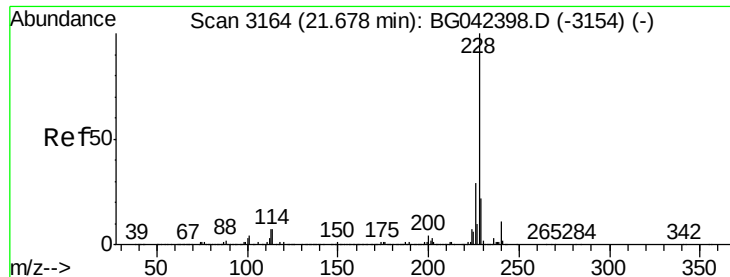


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

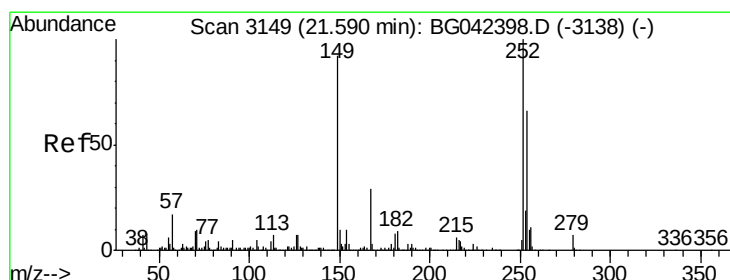
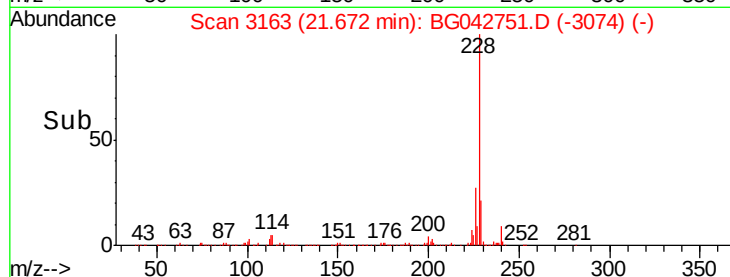
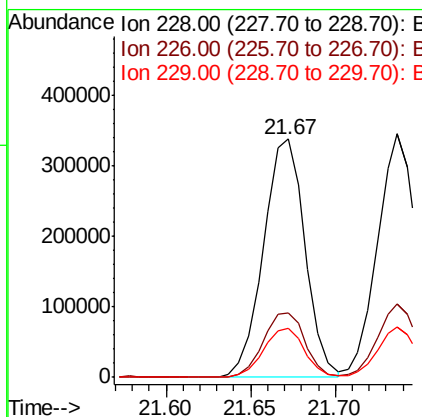
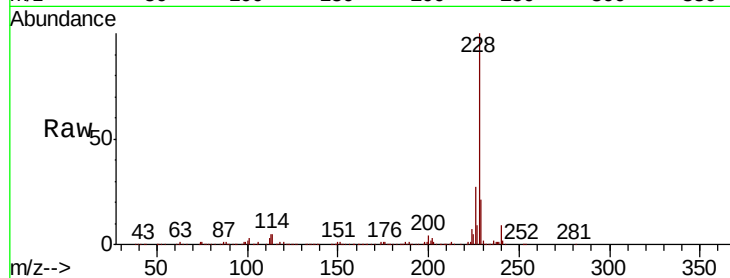




#81
Benzo(a)anthracene
Concen: 43.798 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG042751.D
Acq: 6 Sep 2019 16:55

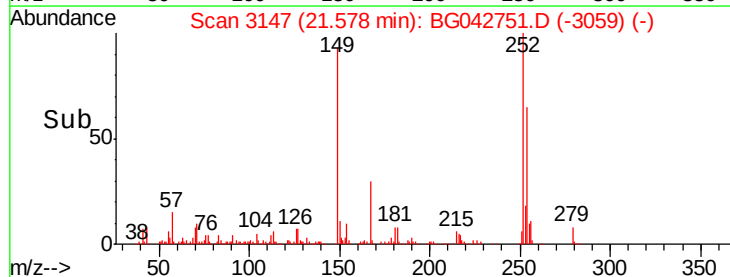
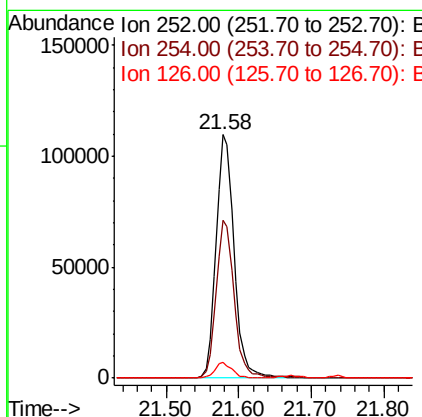
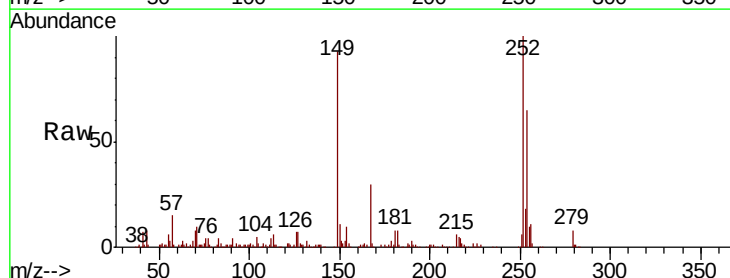
Instrument :
BNA_G
ClientSampleId :

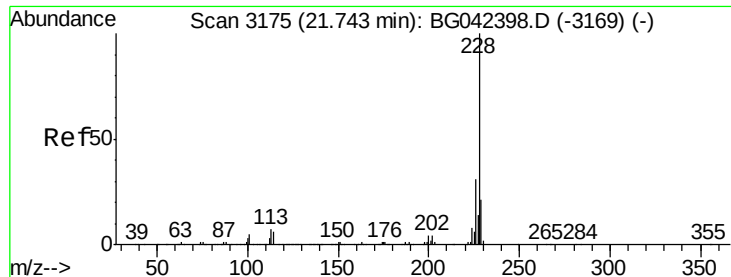
Tot Ion:228 Resp: 575492
Ion Ratio Lower Upper
228 100
226 27.0 23.4 35.2
229 20.7 17.4 26.2



#82
3,3'-Dichlorobenzidine
Concen: 36.199 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG042751.D
Acq: 6 Sep 2019 16:55

Tgt Ion:252 Resp: 191293
Ion Ratio Lower Upper
252 100
254 64.6 53.0 79.4
126 6.6 5.7 8.5

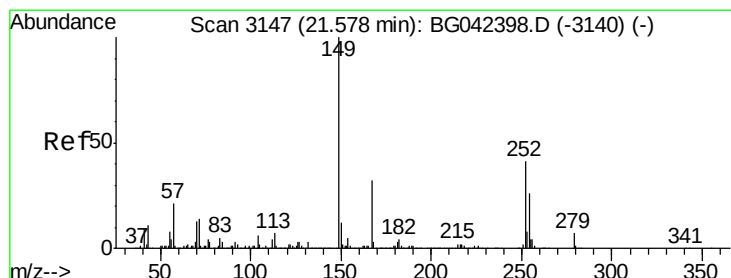
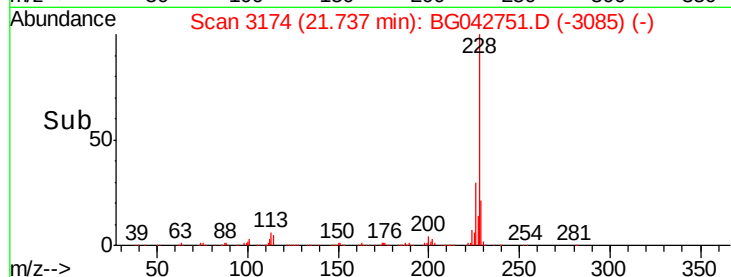
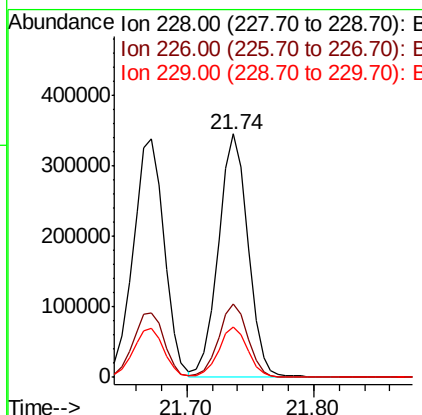
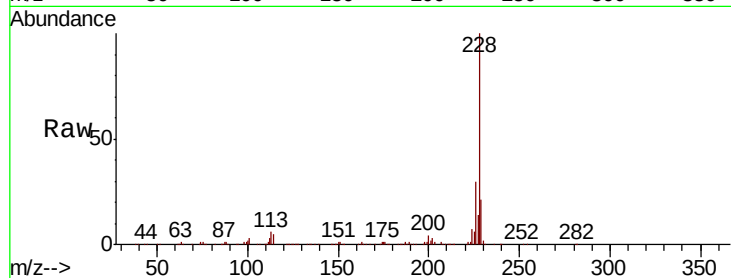




#83
 Chrysene
 Concen: 43.859 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.01 min
 Lab File: BG042751.D
 Acq: 6 Sep 2019 16:55

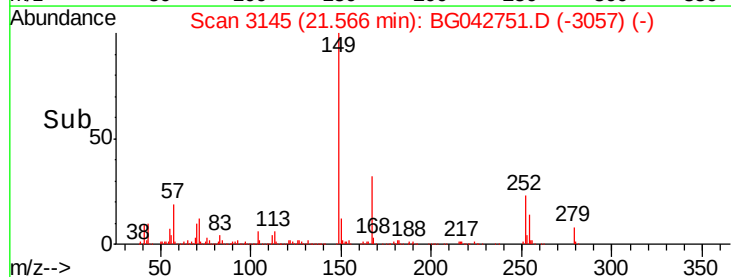
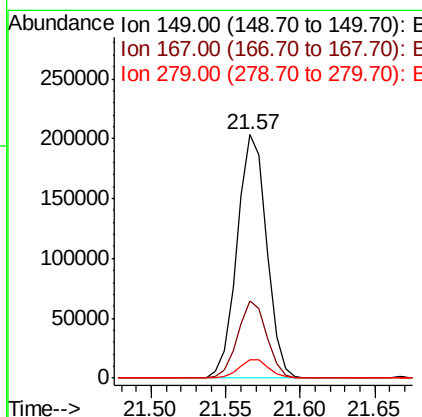
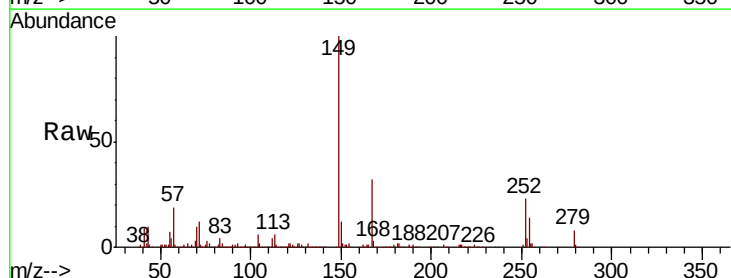
Instrument :
 BNA_G
 ClientSampleId :

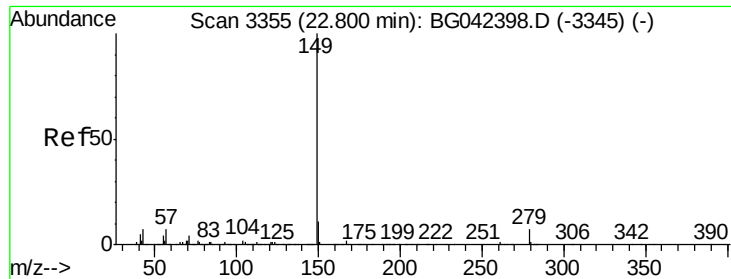
Tot Ion:228 Resp: 555781
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.9 37.3
 229 20.7 16.9 25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.777 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG042751.D
 Acq: 6 Sep 2019 16:55

Tgt Ion:149 Resp: 280431
 Ion Ratio Lower Upper
 149 100
 167 31.9 26.0 39.0
 279 7.6 5.4 8.0

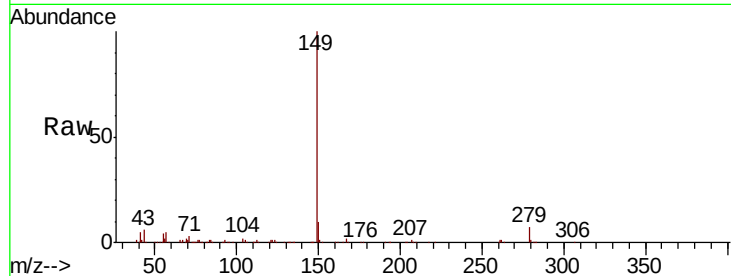




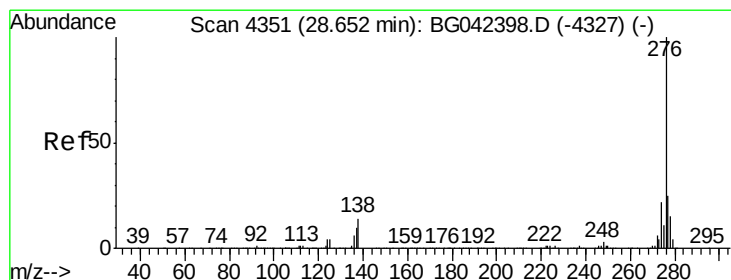
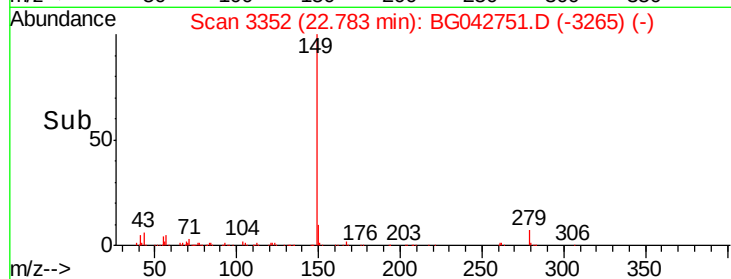
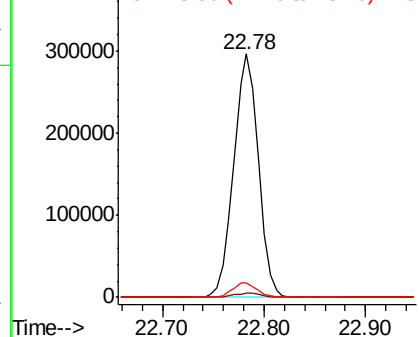
#85
Di-n-octyl phthalate
Concen: 40.170 ng
RT: 22.78 min Scan# 3352
Delta R.T. -0.02 min
Lab File: BG042751.D
Acq: 6 Sep 2019 16:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.6	2.4
43	6.0	5.3	7.9

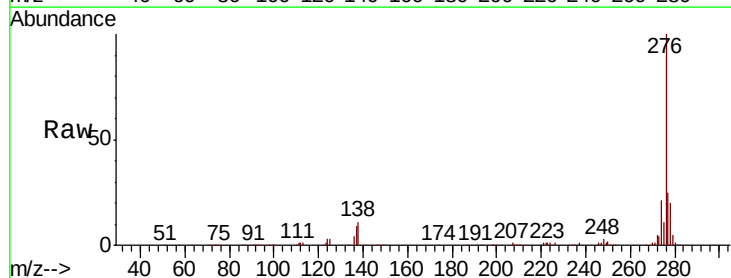


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

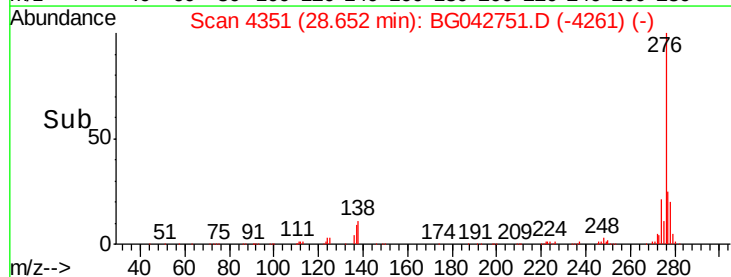
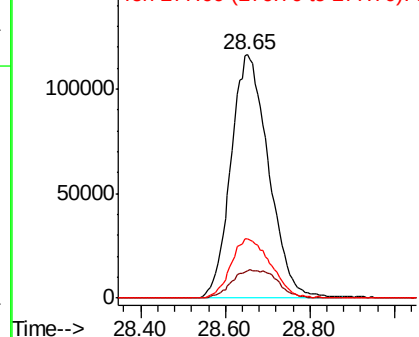


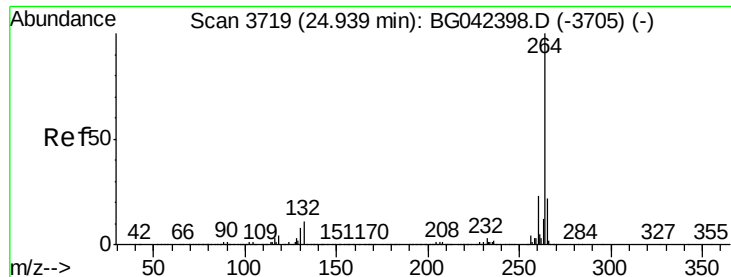
#86
Indeno(1,2,3-cd)pyrene
Concen: 41.797 ng
RT: 28.65 min Scan# 4351
Delta R.T. -0.00 min
Lab File: BG042751.D
Acq: 6 Sep 2019 16:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.9	9.2	13.8#
277	25.7	21.0	31.6



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

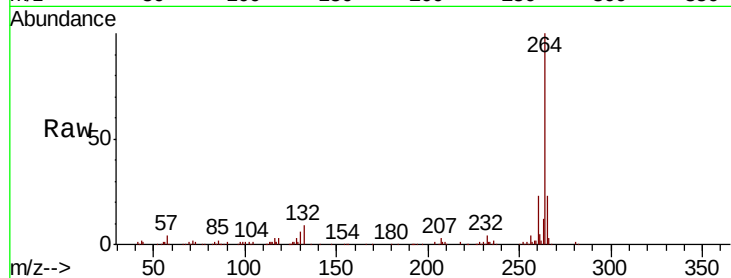




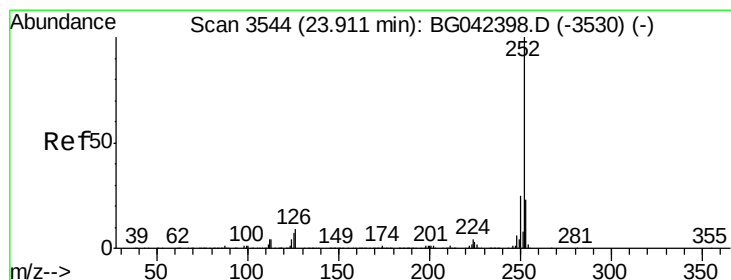
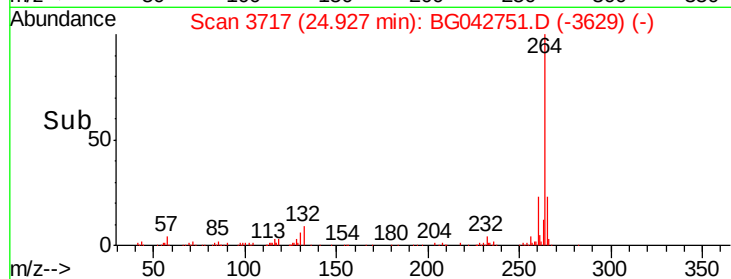
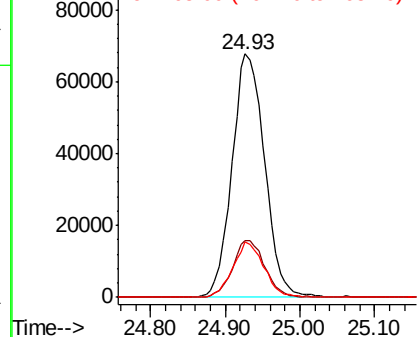
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042751.D
Acq: 6 Sep 2019 16:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	22.8	17.6	26.4

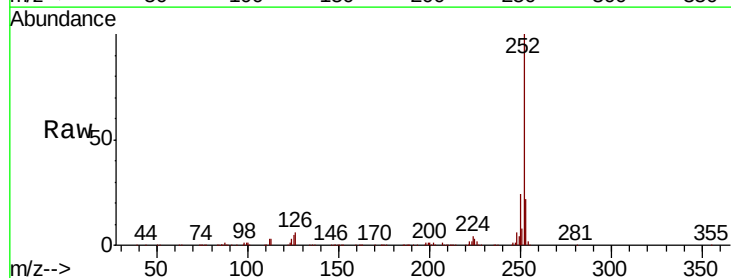


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

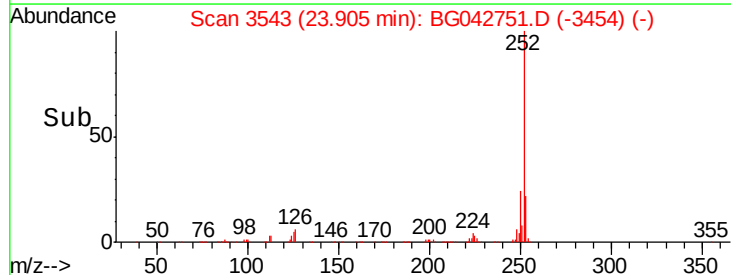
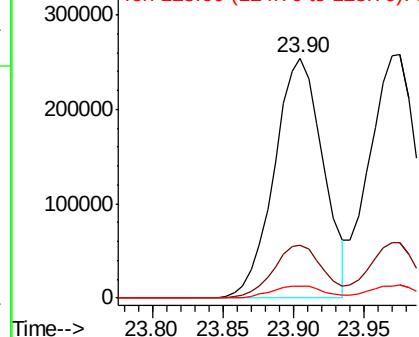


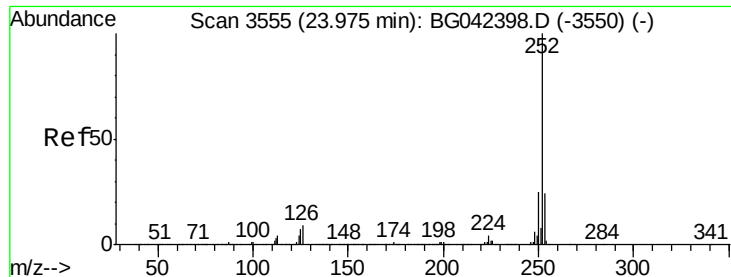
#88
Benzo(b)fluoranthene
Concen: 54.235 ng
RT: 23.90 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG042751.D
Acq: 6 Sep 2019 16:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.6	27.8
125	5.0	5.6	8.4#



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: 56.619 ng

RT: 23.98 min Scan# 3555

Delta R.T. -0.00 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

Instrument :

BNA_G

ClientSampleId :

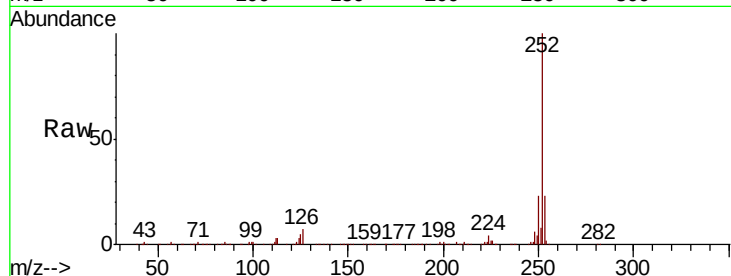
Tot Ion:252 Resp: 615286

Ion Ratio Lower Upper

252 100

253 22.8 18.6 27.8

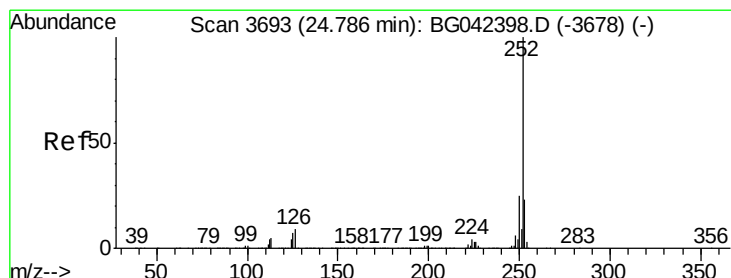
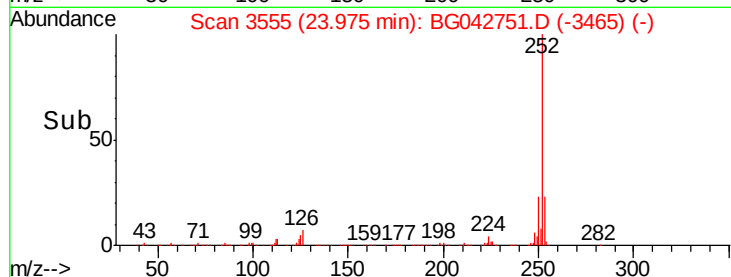
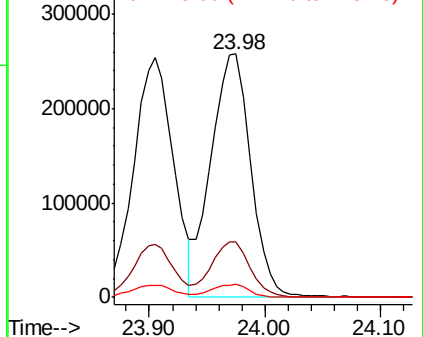
125 5.3 5.8 8.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 56.675 ng

RT: 24.79 min Scan# 3693

Delta R.T. -0.00 min

Lab File: BG042751.D

Acq: 6 Sep 2019 16:55

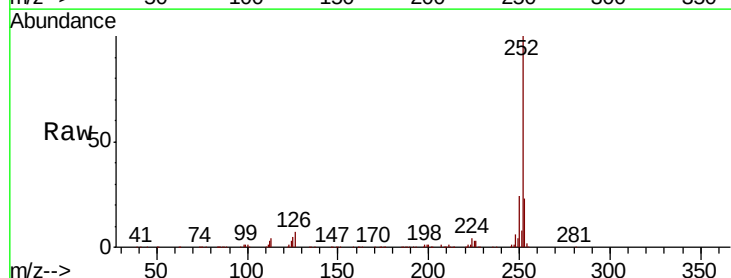
Tgt Ion:252 Resp: 608016

Ion Ratio Lower Upper

252 100

253 22.6 18.4 27.6

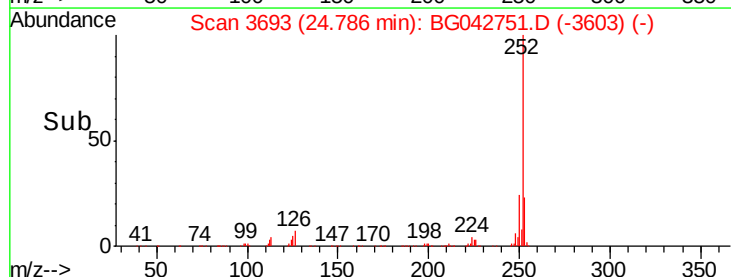
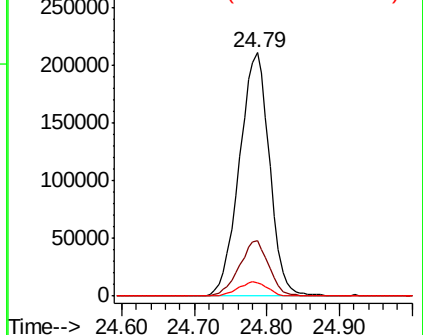
125 5.3 6.0 9.0#

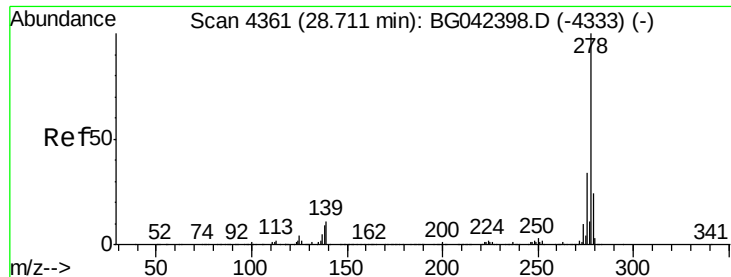


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

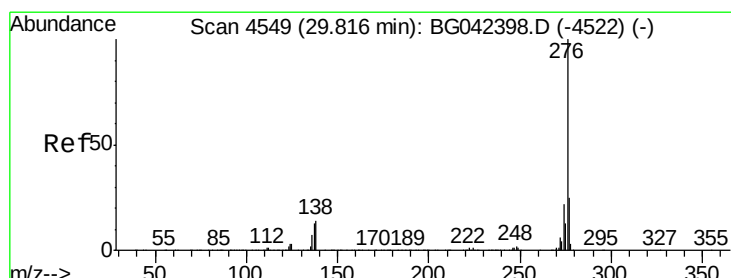
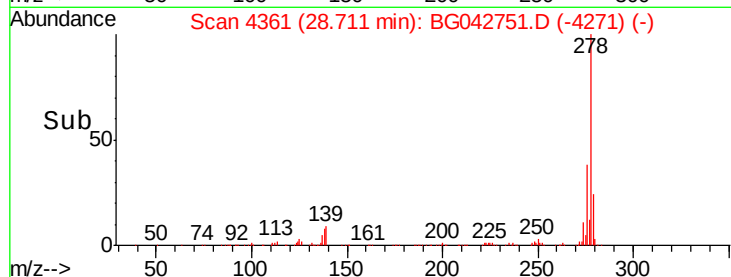
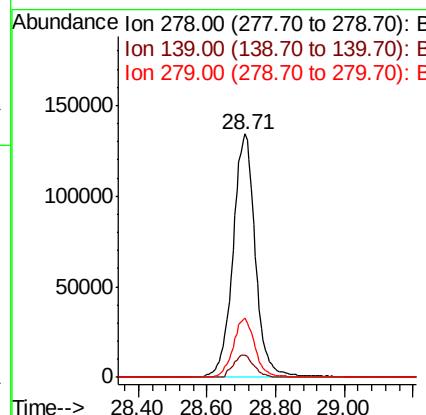
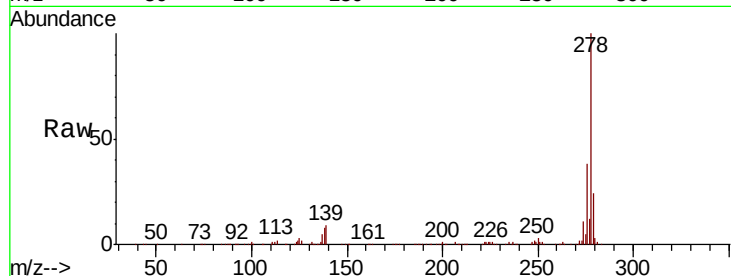




#91
 Dibenzo(a,h)anthracene
 Concen: 55.826 ng
 RT: 28.71 min Scan# 4361
 Delta R.T. -0.00 min
 Lab File: BG042751.D
 Acq: 6 Sep 2019 16:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.2	8.8	13.2
279	24.3	19.1	28.7



#92
 Benzo(g,h,i)perylene
 Concen: 55.625 ng
 RT: 29.81 min Scan# 4548
 Delta R.T. -0.01 min
 Lab File: BG042751.D
 Acq: 6 Sep 2019 16:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.8	29.8
138	11.3	11.4	17.0

