

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090319\
 Data File : BG042690.D
 Acq On : 3 Sep 2019 15:56
 Operator : HP/JU
 Sample : K4554-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 04 04:05:46 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	37746	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	143109	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	112896	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	265102	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	278635	20.00	ng	-0.01
87) Perylene-d12	24.93	264	341718	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	225377	120.93	ng	0.00
7) Phenol-d6	7.17	99	303555	120.58	ng	0.00
23) Nitrobenzene-d5	9.16	82	172965	83.52	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	219644	136.88	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	578771	86.71	ng	0.00
79) Terphenyl-d14	20.02	244	1072688	83.23	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	21028	27.036	ng	99
3) Pyridine	3.82	79	50769	25.456	ng	100
4) n-Nitrosodimethylamine	3.73	42	26846	37.688	ng	88
6) Aniline	7.32	93	73923	22.016	ng	99
8) 2-Chlorophenol	7.56	128	90566	40.096	ng	98
9) Benzaldehyde	7.13	77	48183	38.230	ng	98
10) Phenol	7.19	94	124883	48.789	ng	94
11) bis(2-Chloroethyl)ether	7.41	93	67294	33.476	ng	96
12) 1,3-Dichlorobenzene	7.88	146	104084	36.224	ng	98
13) 1,4-Dichlorobenzene	8.03	146	107127	36.807	ng	98
14) 1,2-Dichlorobenzene	8.35	146	101286	36.339	ng	97
15) Benzyl Alcohol	8.24	79	68840	38.008	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	87846	32.241	ng	99
17) 2-Methylphenol	8.45	107	72678	38.550	ng	93
18) Hexachloroethane	9.09	117	35583	35.712	ng	91
19) n-Nitroso-di-n-propylamine	8.81	70	55496	34.027	ng	96
20) 3+4-Methylphenols	8.78	107	98715	37.839	ng	96
22) Acetophenone	8.82	105	126734	41.405	ng	# 98
24) Nitrobenzene	9.21	77	84278	40.188	ng	99
25) Isophorone	9.73	82	155915	38.149	ng	100
26) 2-Nitrophenol	9.93	139	55631	42.331	ng	96
27) 2,4-Dimethylphenol	9.99	122	86075	47.548	ng	97
28) bis(2-Chloroethoxy)methane	10.22	93	98167	38.109	ng	100
29) 2,4-Dichlorophenol	10.47	162	109670	46.304	ng	98
30) 1,2,4-Trichlorobenzene	10.68	180	125362	43.122	ng	99
31) Naphthalene	10.87	128	280149	42.165	ng	100
32) Benzoic acid	10.15	122	33013	29.020	ng	98
33) 4-Chloroaniline	10.99	127	50807	16.565	ng	97
34) Hexachlorobutadiene	11.16	225	85476	43.748	ng	98
35) Caprolactam	11.76	113	21154	26.767	ng	90
36) 4-Chloro-3-methylphenol	12.11	107	99650	44.320	ng	98
37) 2-Methylnaphthalene	12.48	142	232840	43.644	ng	97
38) 1-Methylnaphthalene	12.70	142	218681	43.153	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	164376	45.339	ng	99

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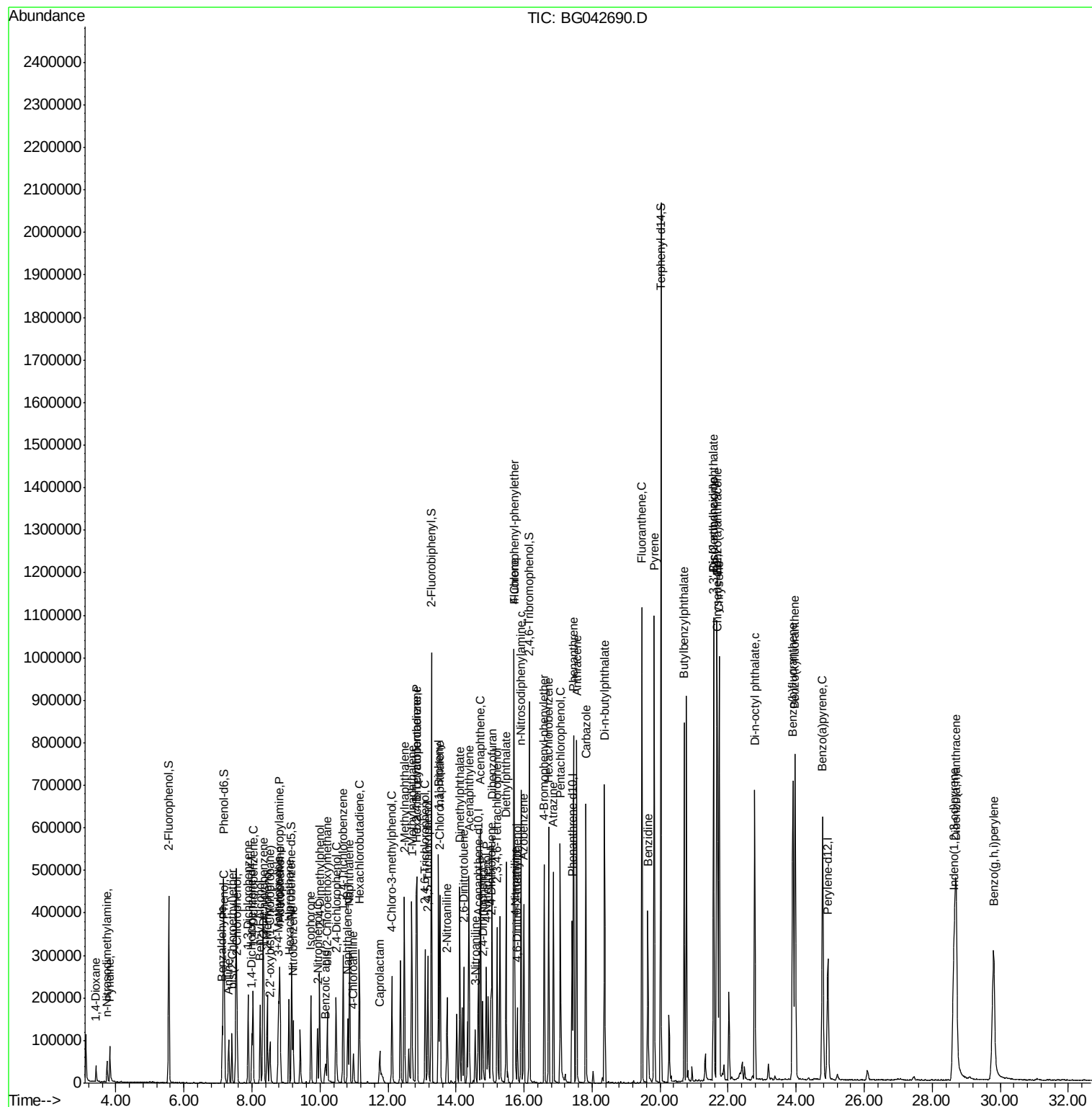
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	129567	68.035	ng	97
43) 2,4,6-Trichlorophenol	13.09	196	104252	42.541	ng	98
44) 2,4,5-Trichlorophenol	13.17	196	109999	43.315	ng	99
46) 1,1'-Biphenyl	13.49	154	310581	42.559	ng	98
47) 2-Chloronaphthalene	13.53	162	260387	41.380	ng	98
48) 2-Nitroaniline	13.74	65	56266	37.081	ng	94
49) Acenaphthylene	14.38	152	408194	43.118	ng	99
50) Dimethylphthalate	14.11	163	365698	44.894	ng	100
51) 2,6-Dinitrotoluene	14.23	165	80346	42.553	ng	97
52) Acenaphthene	14.72	154	236739	41.183	ng	99
53) 3-Nitroaniline	14.56	138	44640	23.640	ng	99
54) 2,4-Dinitrophenol	14.78	184	75438	60.892	ng	95
55) Dibenzofuran	15.06	168	420756	44.219	ng	98
56) 4-Nitrophenol	14.89	139	108288	80.704	ng	94
57) 2,4-Dinitrotoluene	15.03	165	115594	42.753	ng	98
58) Fluorene	15.71	166	339408	43.635	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.20	232	107789	42.920	ng	98
60) Diethylphthalate	15.47	149	322011	40.438	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	202896	43.272	ng	98
62) 4-Nitroaniline	15.73	138	78437	38.811	ng	95
63) Azobenzene	15.99	77	217484	39.858	ng	96
65) 4,6-Dinitro-2-methylphenol	15.80	198	68651	41.304	ng	98
66) n-Nitrosodiphenylamine	15.91	169	311143	42.678	ng	100
67) 4-Bromophenyl-phenylether	16.59	248	143495	42.673	ng	99
68) Hexachlorobenzene	16.72	284	152360	41.680	ng	98
69) Atrazine	16.86	200	117507	45.578	ng	96
70) Pentachlorophenol	17.07	266	158115	83.249	ng	97
71) Phenanthrene	17.45	178	577671	43.869	ng	100
72) Anthracene	17.54	178	587040	44.657	ng	99
73) Carbazole	17.81	167	506273	43.212	ng	99
74) Di-n-butylphthalate	18.36	149	575070	41.523	ng	99
75) Fluoranthene	19.46	202	741056	46.112	ng	98
77) Benzidine	19.64	184	288853	36.158	ng	97
78) Pyrene	19.83	202	747437	43.753	ng	99
80) Butylbenzylphthalate	20.70	149	268348	39.938	ng	96
81) Benzo(a)anthracene	21.67	228	748637	44.168	ng	98
82) 3,3'-Dichlorobenzidine	21.58	252	189619	27.816	ng	99
83) Chrysene	21.73	228	716366	43.823	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	384846	41.252	ng	99
85) Di-n-octyl phthalate	22.78	149	664618	41.421	ng	99
86) Indeno(1,2,3-cd)pyrene	28.64	276	932298	41.968	ng	# 73
88) Benzo(b)fluoranthene	23.90	252	816502	43.462	ng	99
89) Benzo(k)fluoranthene	23.96	252	791149	43.812	ng	98
90) Benzo(a)pyrene	24.78	252	806817	45.259	ng	98
91) Dibenzo(a,h)anthracene	28.71	278	787745	43.643	ng	98
92) Benzo(g,h,i)perylene	29.80	276	776573	43.018	ng	97

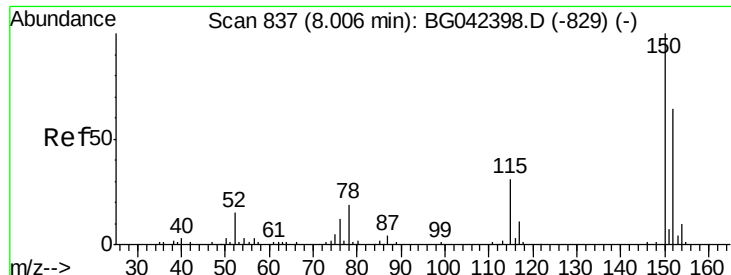
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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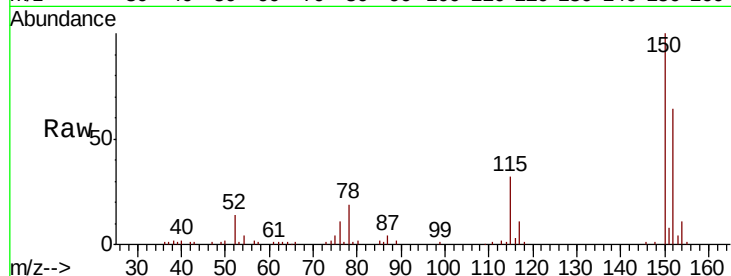


#1

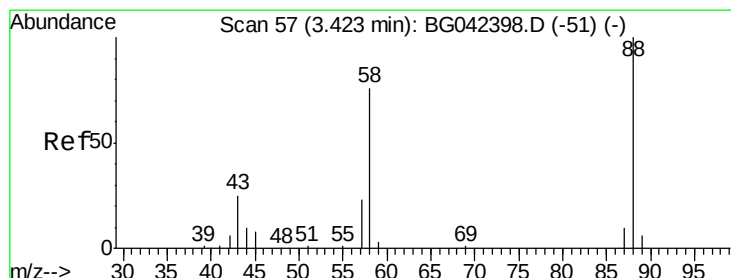
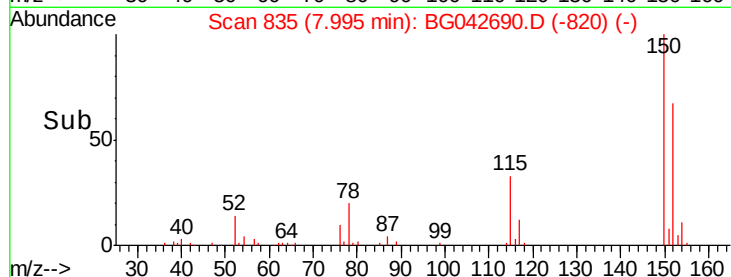
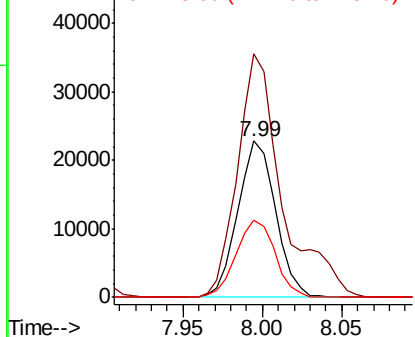
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 37746
Ion Ratio Lower Upper
152 100
150 155.9 125.4 188.0
115 49.7 38.5 57.7



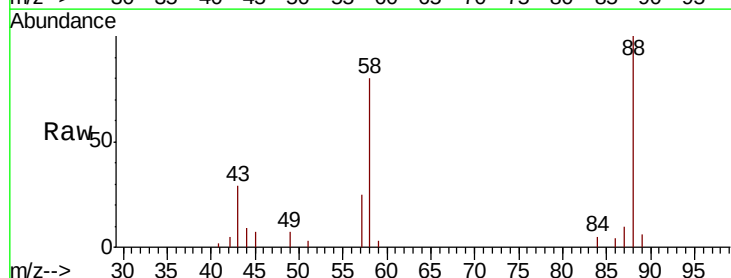
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



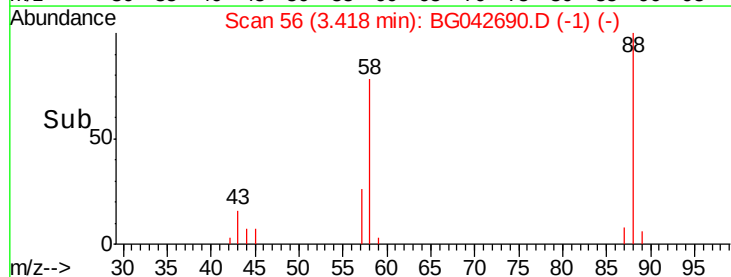
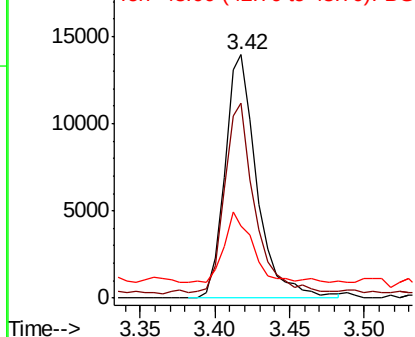
#2

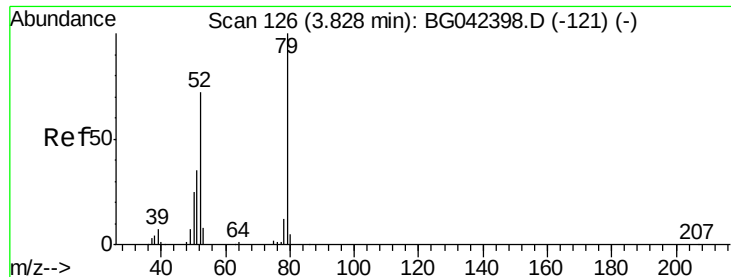
1,4-Dioxane
Concen: 27.036 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Tgt Ion: 88 Resp: 21028
Ion Ratio Lower Upper
88 100
58 73.1 58.3 87.5
43 26.4 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: 25.456 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

Instrument :

BNA_G

ClientSampleId :

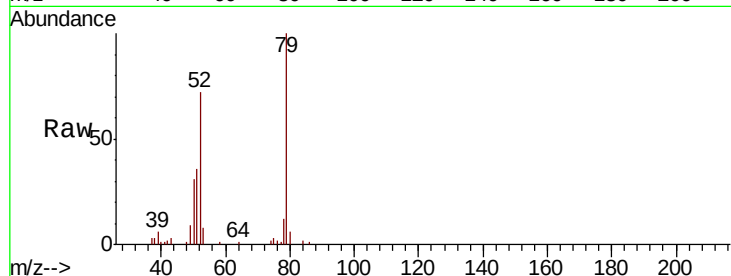
Tot Ion: 79 Resp: 50769

Ion Ratio Lower Upper

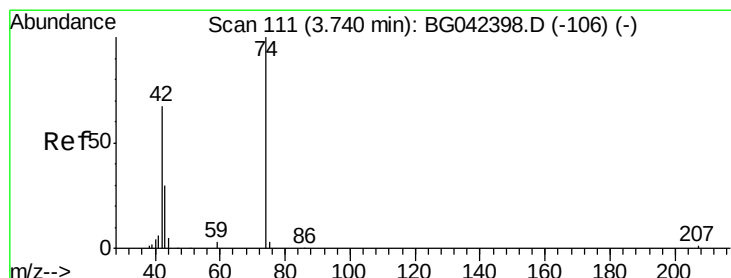
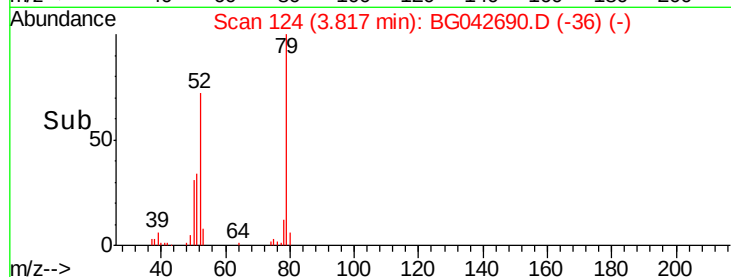
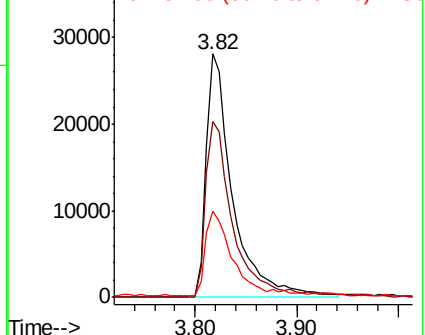
79 100

52 72.4 57.7 86.5

51 35.6 28.8 43.2



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



#4

n-Nitrosodimethylamine

Concen: 37.688 ng

RT: 3.73 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

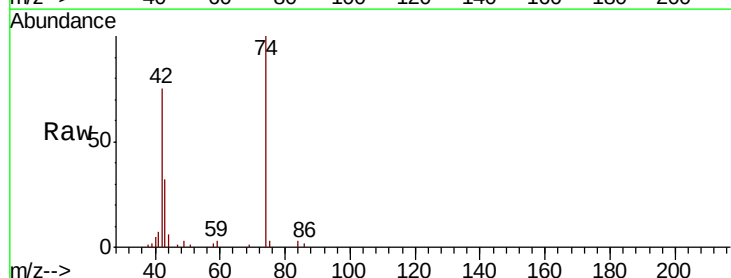
Tgt Ion: 42 Resp: 26846

Ion Ratio Lower Upper

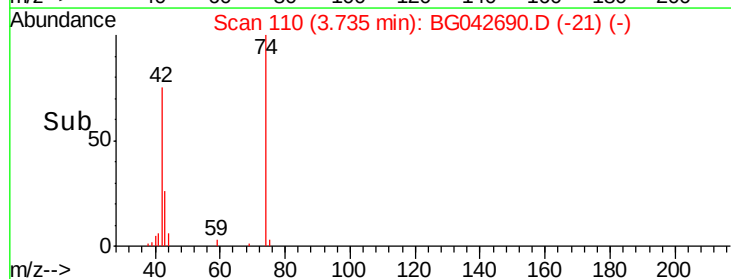
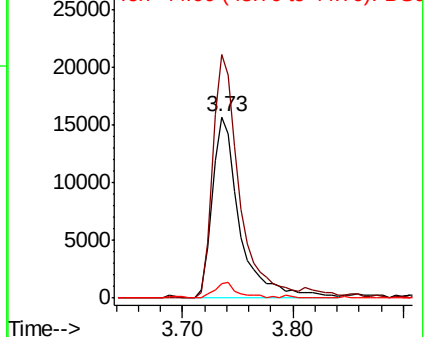
42 100

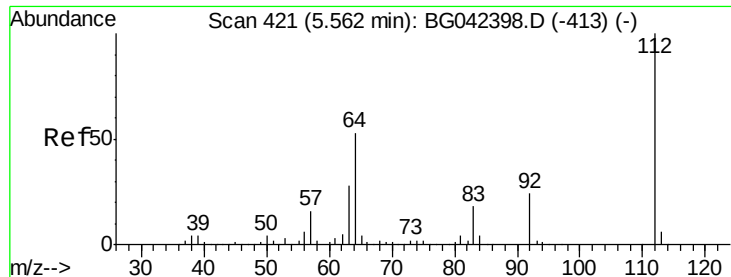
74 134.1 119.6 179.4

44 8.1 6.5 9.7



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





#5

2-Fluorophenol

Concen: 120.928 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

Instrument :

BNA_G

ClientSampled :

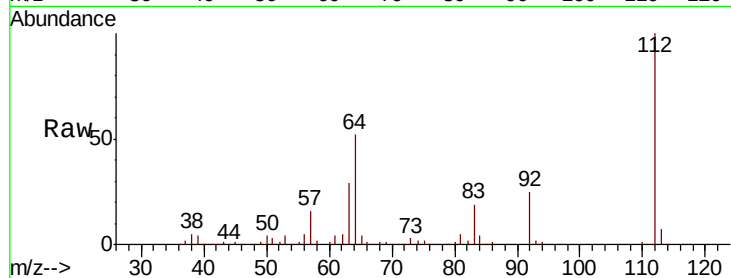
Tot Ion:112 Resp: 225377

Ion Ratio Lower Upper

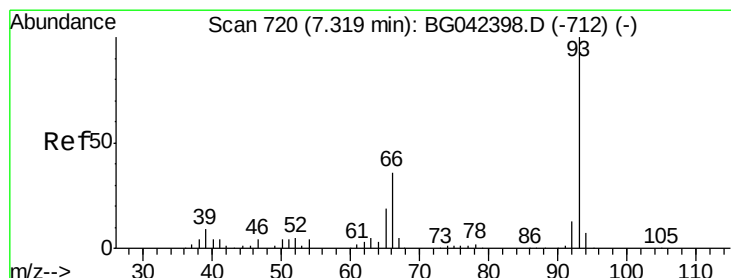
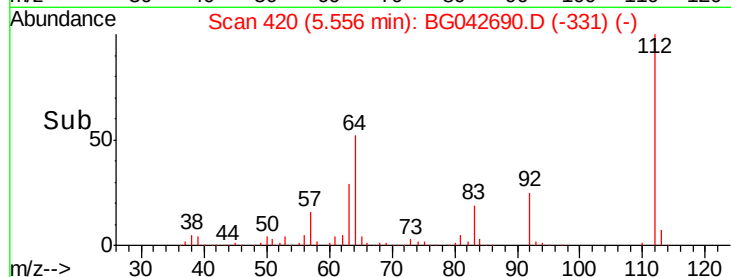
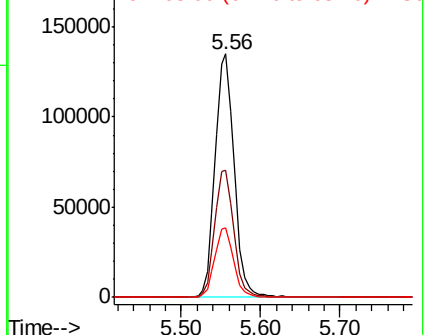
112 100

64 52.2 42.8 64.2

63 28.7 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: 22.016 ng

RT: 7.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

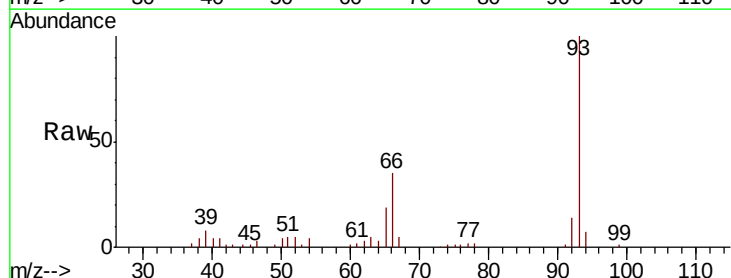
Tgt Ion: 93 Resp: 73923

Ion Ratio Lower Upper

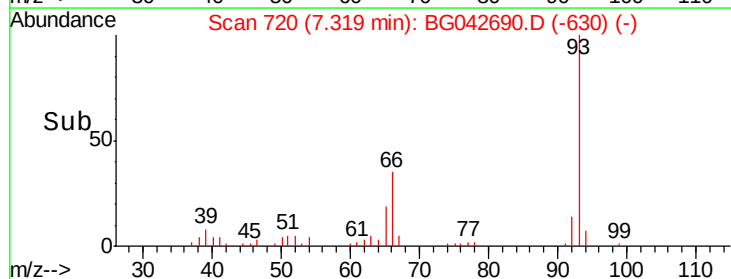
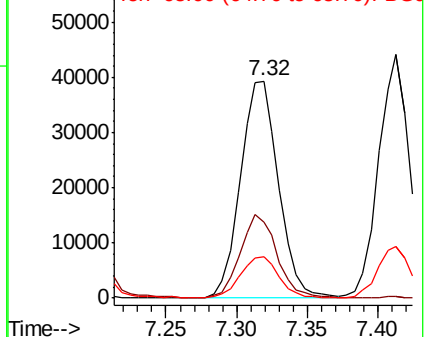
93 100

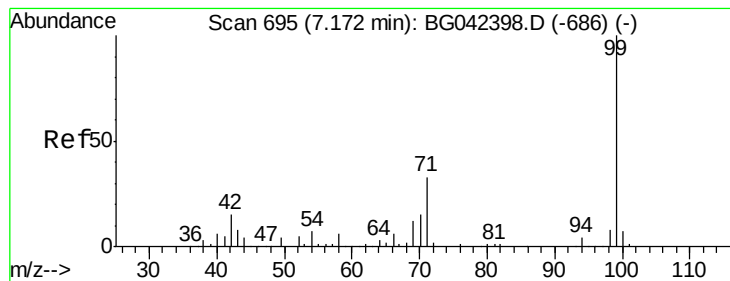
66 35.2 29.0 43.6

65 18.8 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: 120.579 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042690.D

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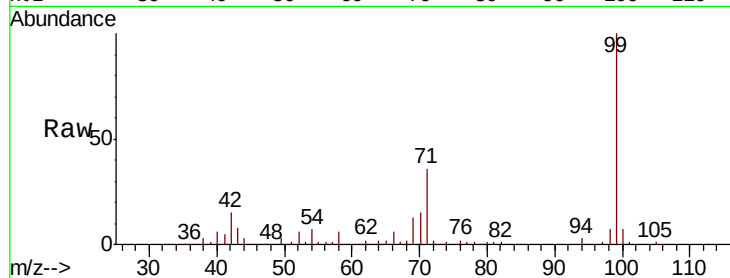
Tot Ion: 99 Resp: 303555

Ion Ratio Lower Upper

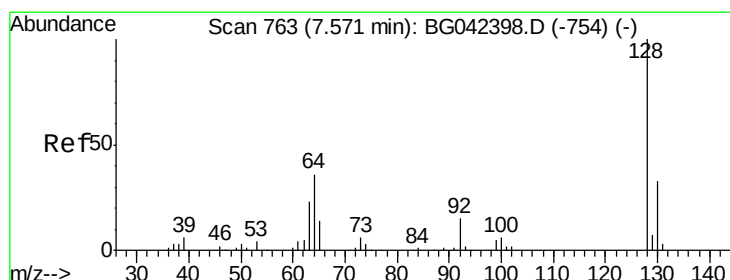
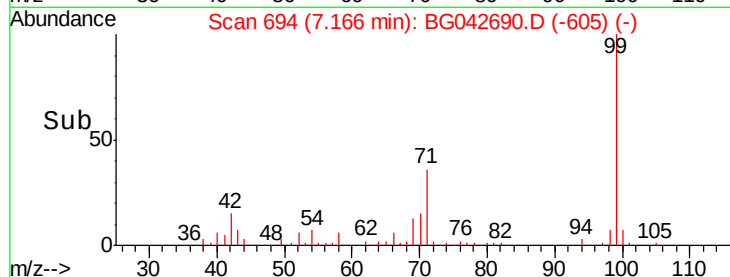
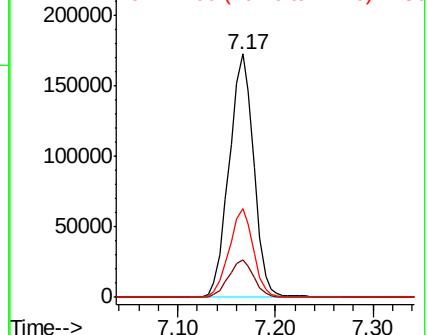
99 100

42 15.5 12.0 18.0

71 36.3 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: 40.096 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

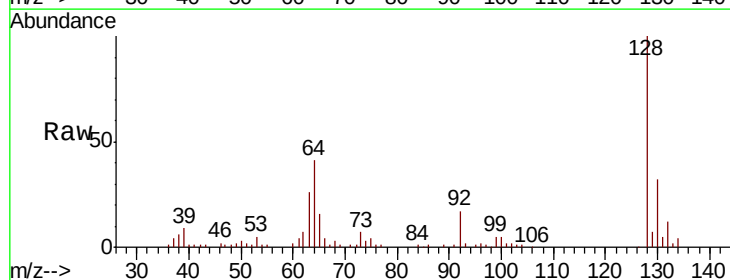
Tgt Ion: 128 Resp: 90566

Ion Ratio Lower Upper

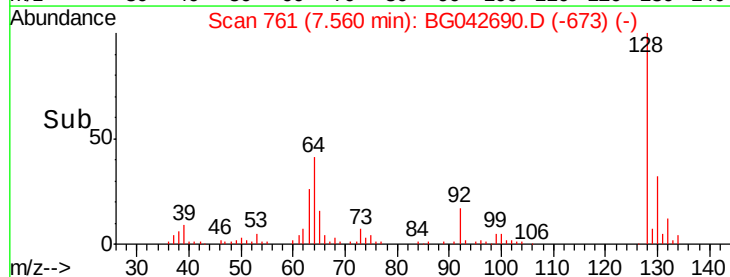
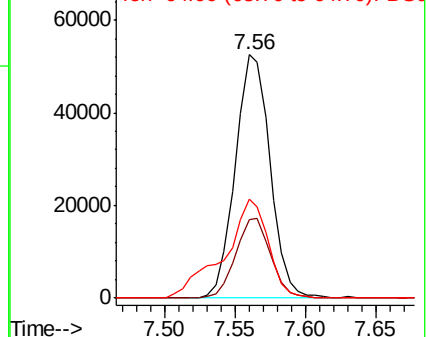
128 100

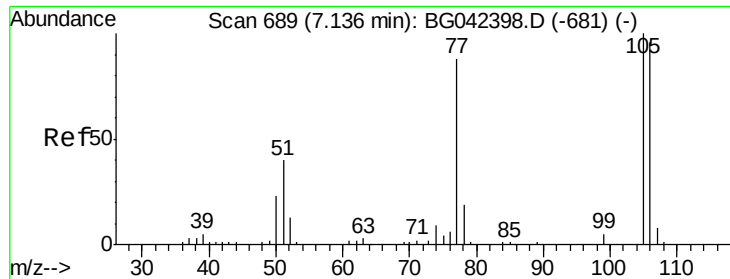
130 32.1 12.8 52.8

64 40.6 19.2 59.2



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





#9

Benzaldehyde

Concen: 38.230 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.01 min

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ClientSampleId :

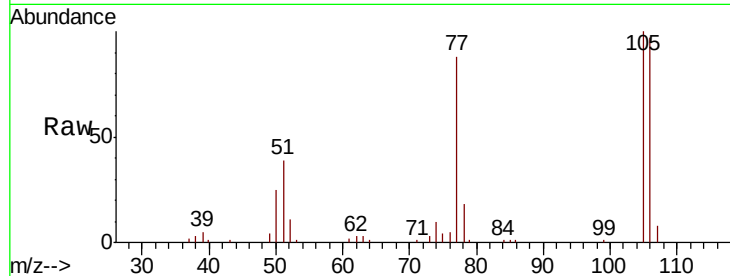
Tot Ion: 77 Resp: 48183

Ion Ratio Lower Upper

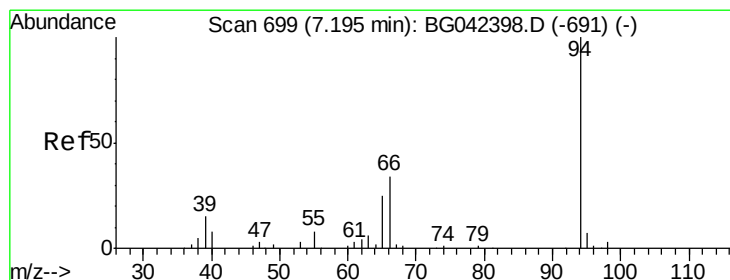
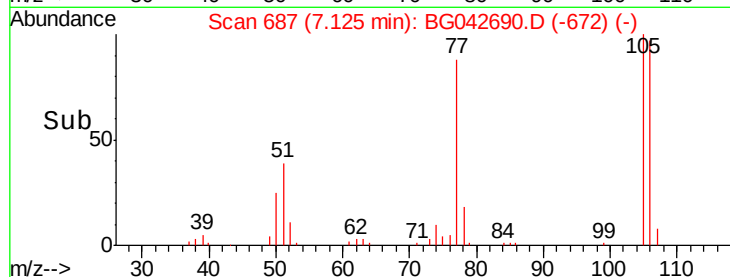
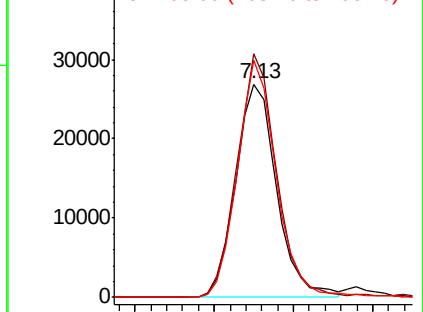
77 100

105 114.1 93.4 133.4

106 110.9 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: 48.789 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

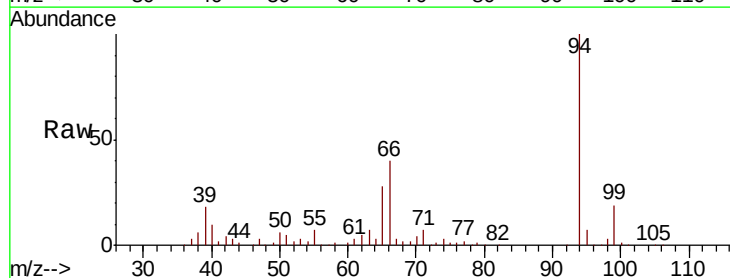
Tgt Ion: 94 Resp: 124883

Ion Ratio Lower Upper

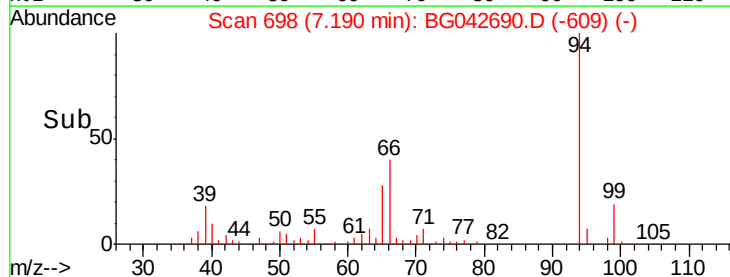
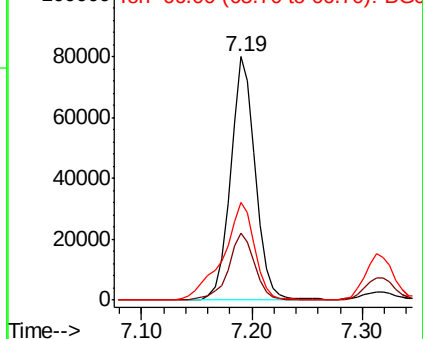
94 100

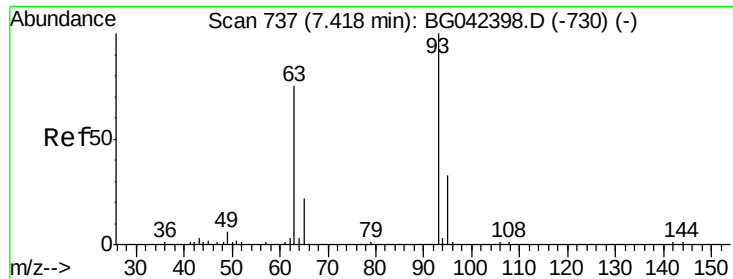
65 27.7 5.6 45.6

66 40.2 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: 33.476 ng

RT: 7.41 min Scan# 736

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

Instrument :

BNA_G

ClientSampled :

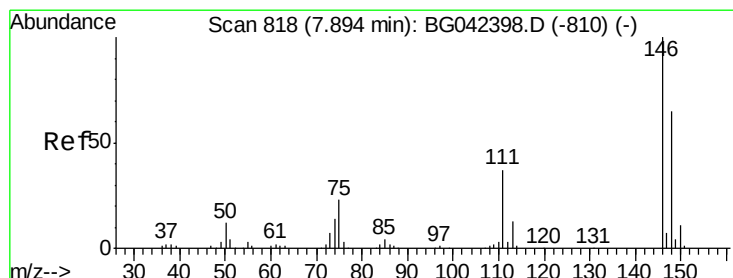
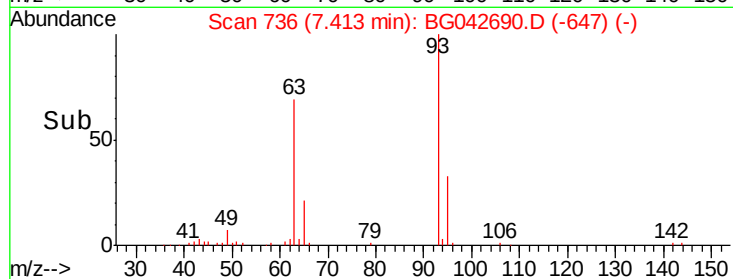
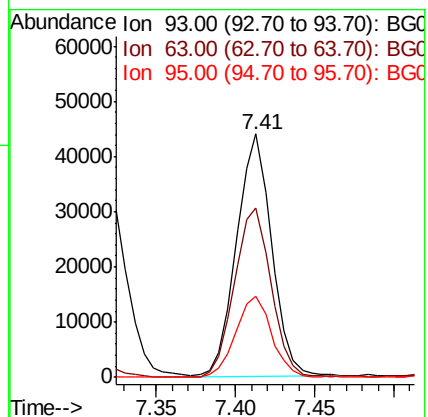
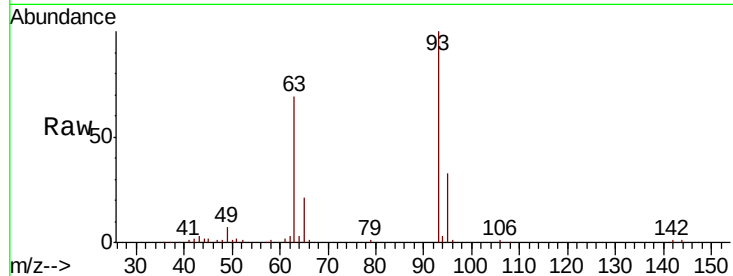
Tot Ion: 93 Resp: 67294

Ion Ratio Lower Upper

93 100

63 69.4 53.8 93.8

95 33.2 13.1 53.1



#12

1,3-Dichlorobenzene

Concen: 36.224 ng

RT: 7.88 min Scan# 816

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

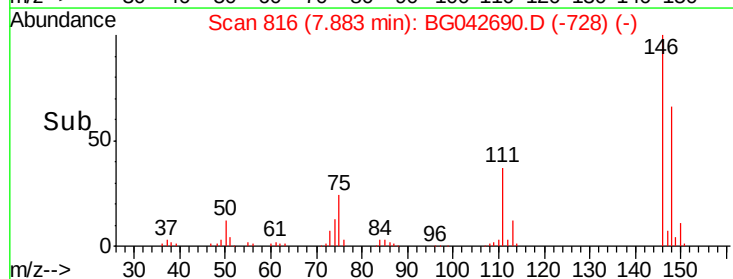
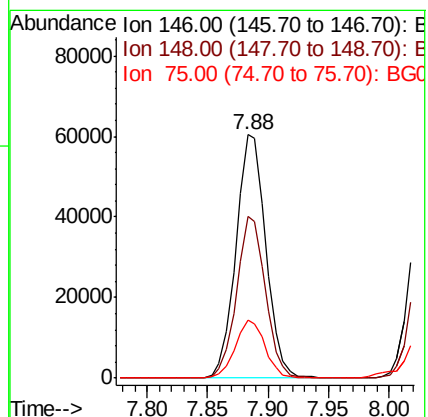
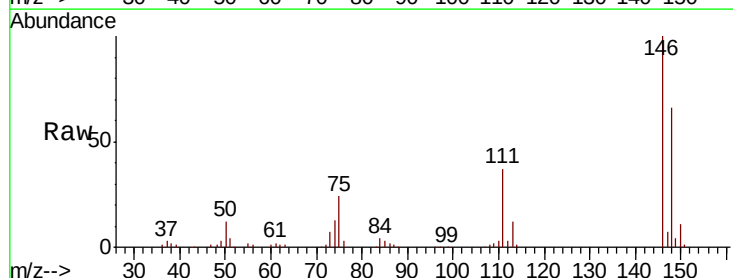
Tgt Ion: 146 Resp: 104084

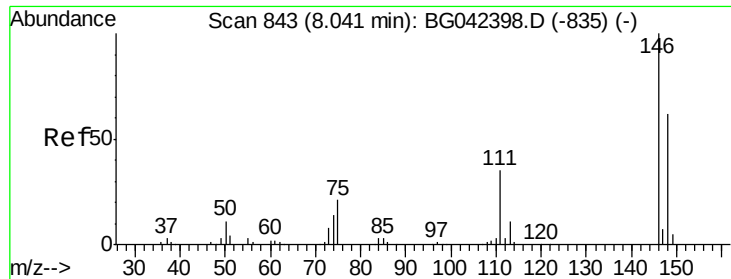
Ion Ratio Lower Upper

146 100

148 66.2 52.2 78.2

75 24.1 18.0 27.0

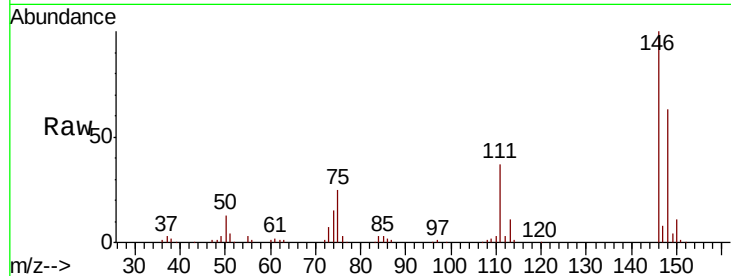




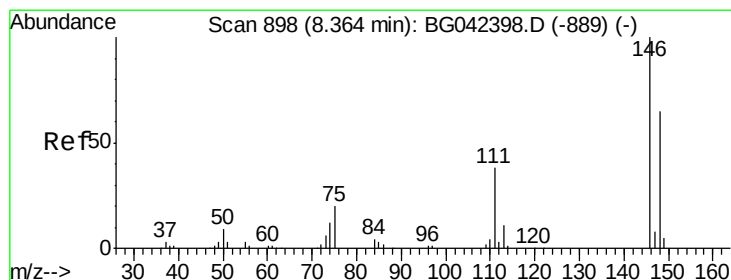
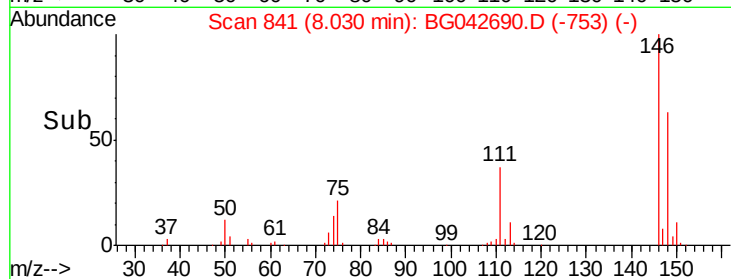
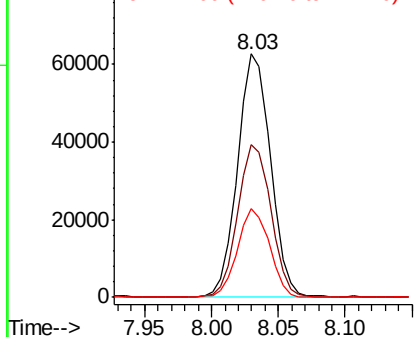
#13
 1,4-Dichlorobenzene
 Concen: 36.807 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG042690.D
 Acq: 3 Sep 2019 15:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 107127
 Ion Ratio Lower Upper
 146 100
 148 62.6 49.5 74.3
 111 36.6 28.1 42.1

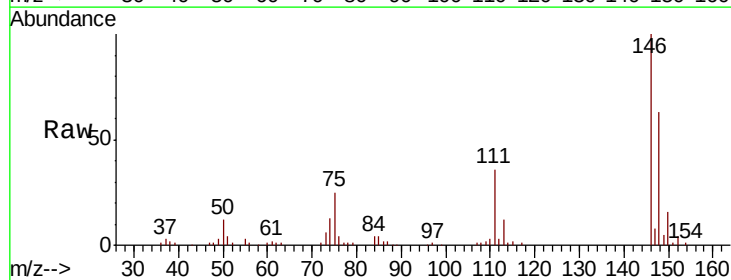


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

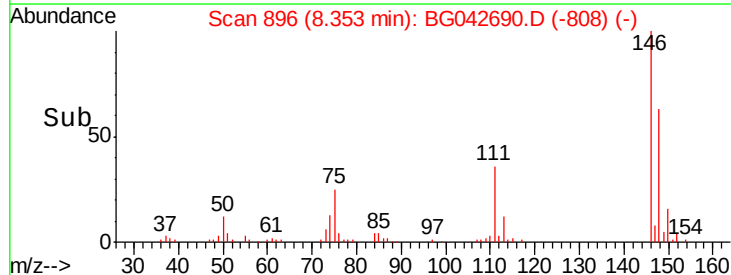
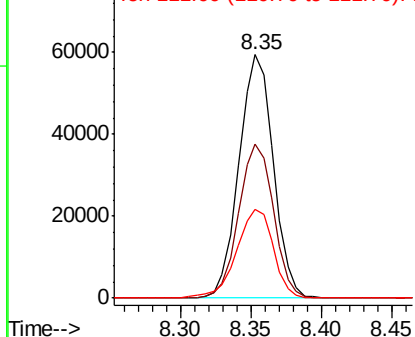


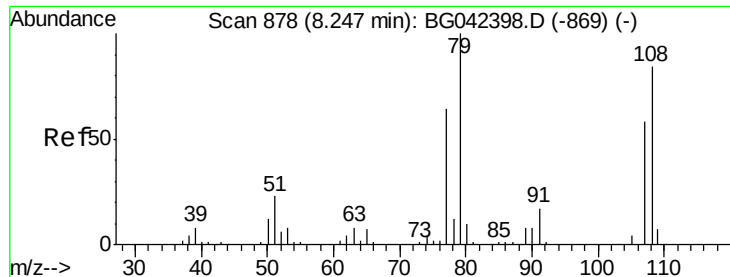
#14
 1,2-Dichlorobenzene
 Concen: 36.339 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG042690.D
 Acq: 3 Sep 2019 15:56

Tgt Ion:146 Resp: 101286
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.8 77.6
 111 36.3 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

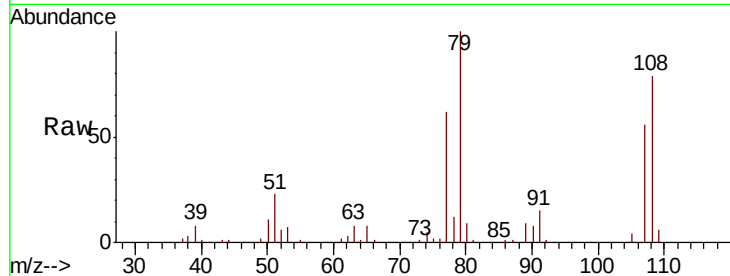




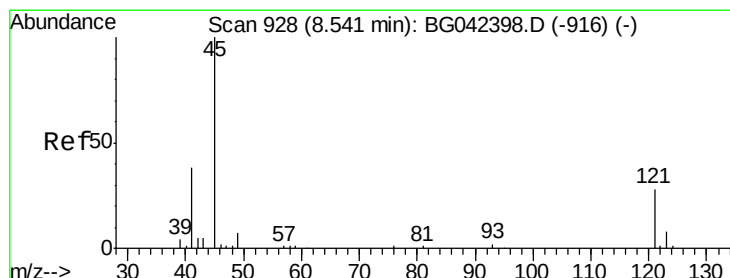
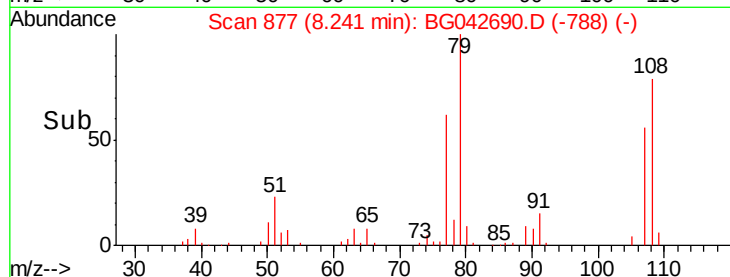
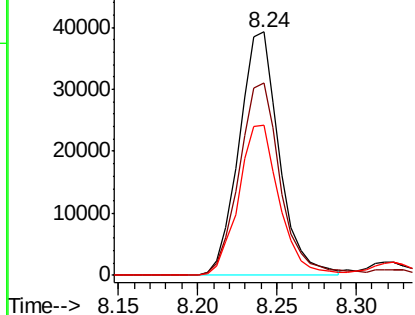
#15
Benzyl Alcohol
Concen: 38.008 ng
RT: 8.24 min Scan# 877
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Instrument :
BNA_G
ClientSampled :

Tot Ion: 79 Resp: 68840
Ion Ratio Lower Upper
79 100
108 78.9 67.4 101.2
77 61.6 50.8 76.2

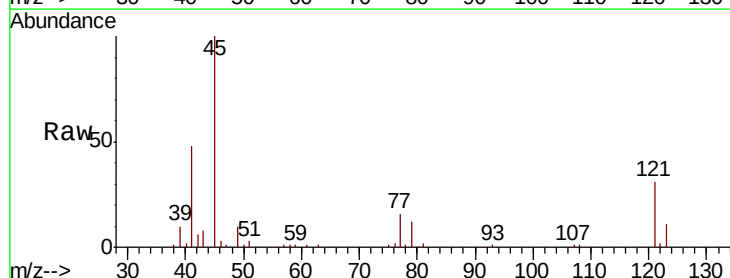


Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

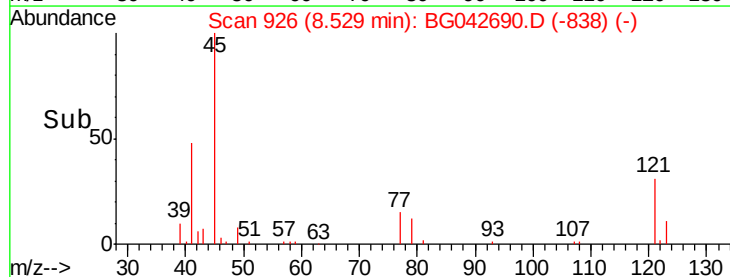
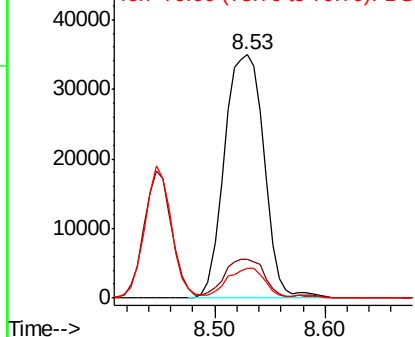


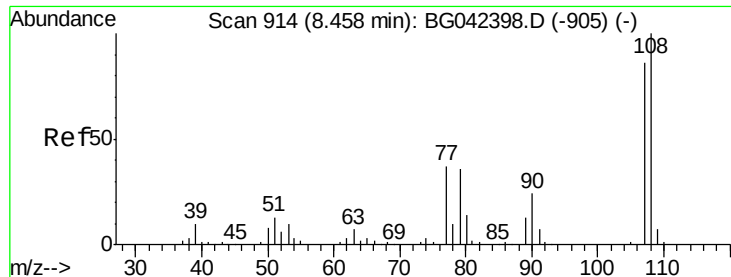
#16
2,2'-oxybis(1-chloropropane)
Concen: 32.241 ng
RT: 8.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Tgt Ion: 45 Resp: 87846
Ion Ratio Lower Upper
45 100
77 16.0 0.0 35.6
79 12.1 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

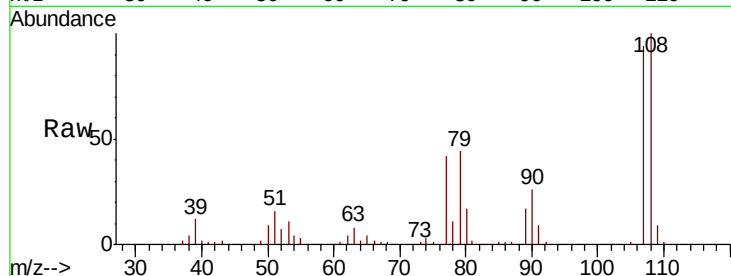




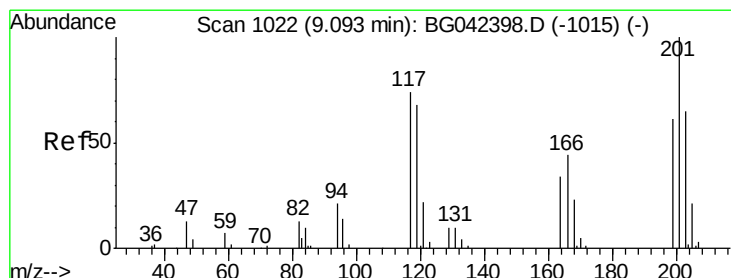
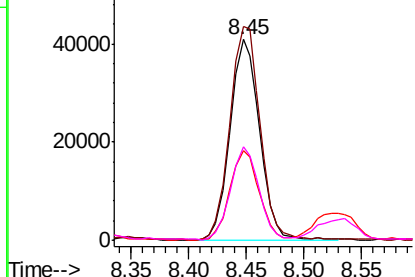
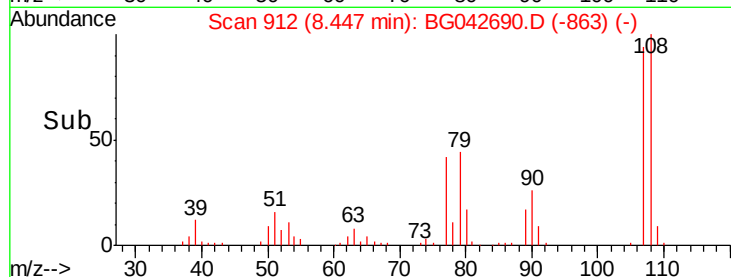
#17
2-Methylphenol
Concen: 38.550 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 72678
Ion Ratio Lower Upper
107 100
108 106.3 92.9 139.3
77 44.4 34.4 51.6
79 46.3 33.8 50.6

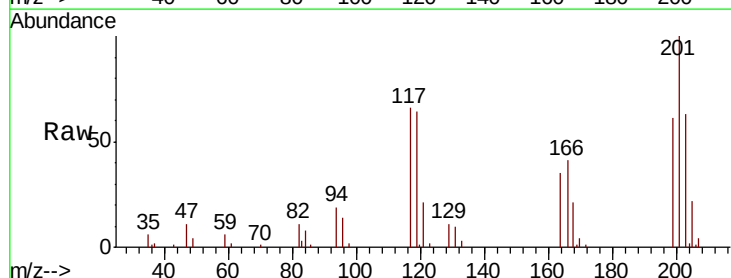


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

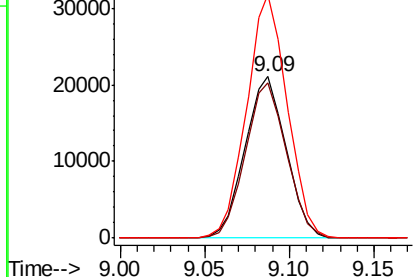
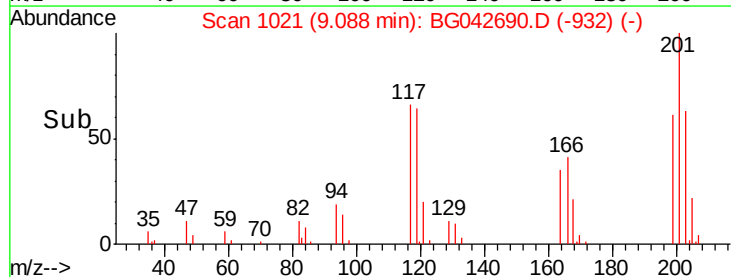


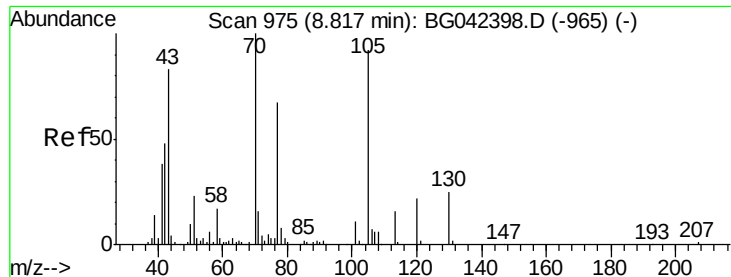
#18
Hexachloroethane
Concen: 35.712 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Tgt Ion:117 Resp: 35583
Ion Ratio Lower Upper
117 100
119 96.0 73.8 110.8
201 150.8 108.3 162.5



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

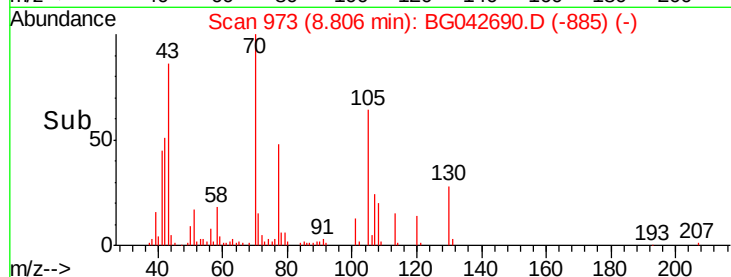
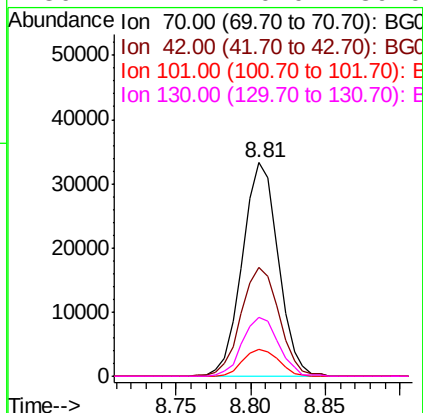
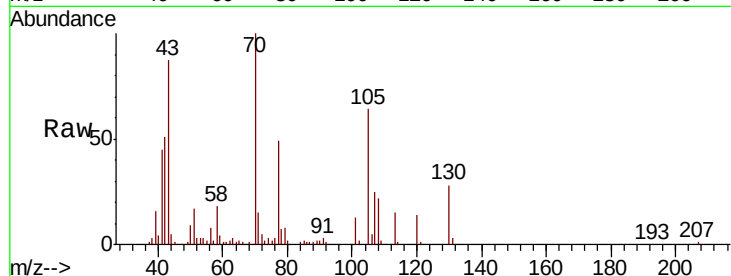




#19
n-Nitroso-di-n-propylamine
Concen: 34.027 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

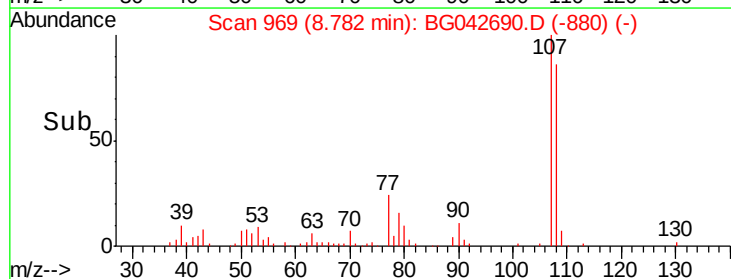
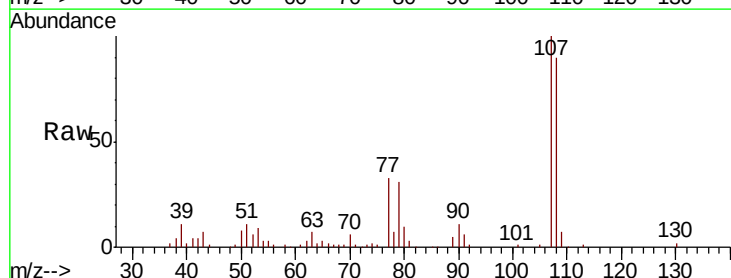
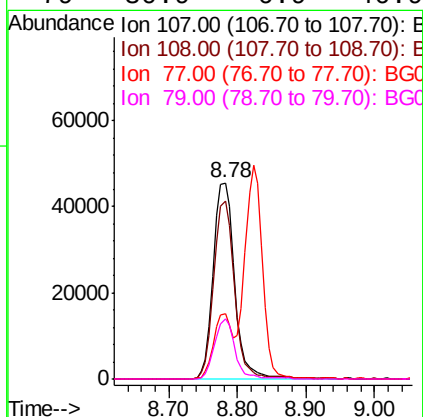
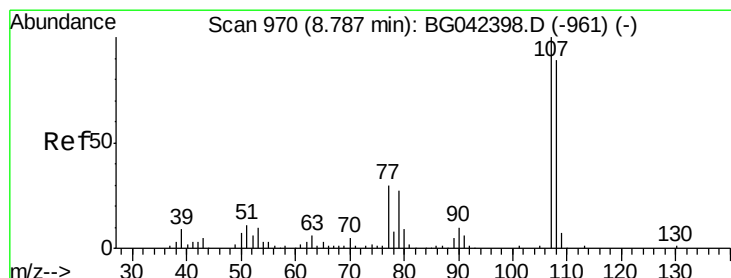
Instrument :
BNA_G
ClientSampleId :

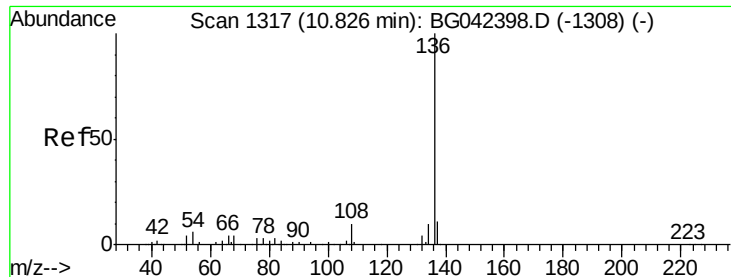
Tot Ion:	70	Resp:	55496
Ion	Ratio	Lower	Upper
70	100		
42	51.2	38.8	58.2
101	12.9	9.0	13.6
130	27.7	20.0	30.0



#20
3+4-Methylphenols
Concen: 37.839 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Tgt Ion:	107	Resp:	98715
Ion	Ratio	Lower	Upper
107	100		
108	90.5	68.7	108.7
77	33.2	10.2	50.2
79	30.9	6.9	46.9

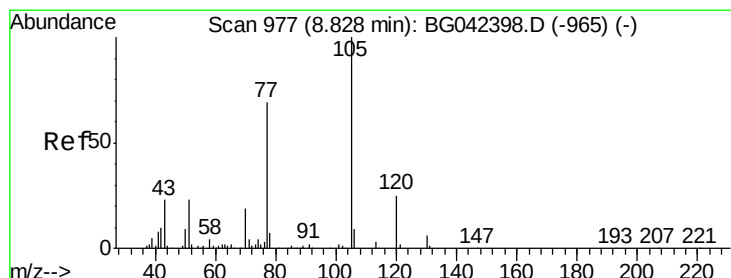
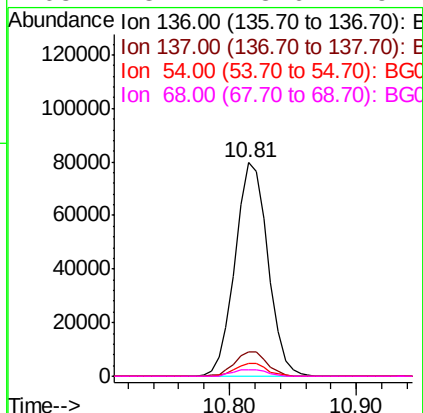
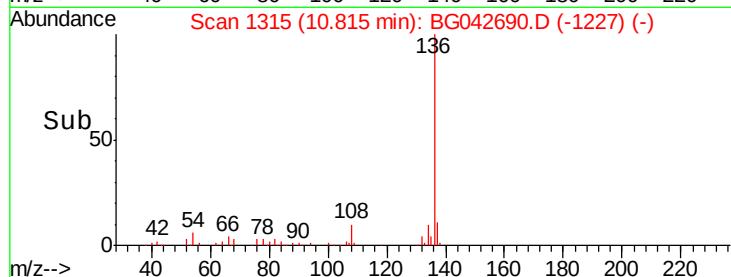
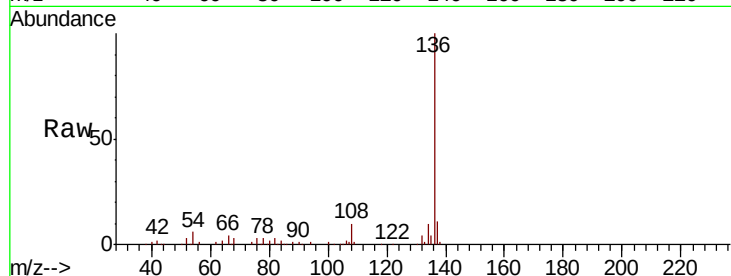




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

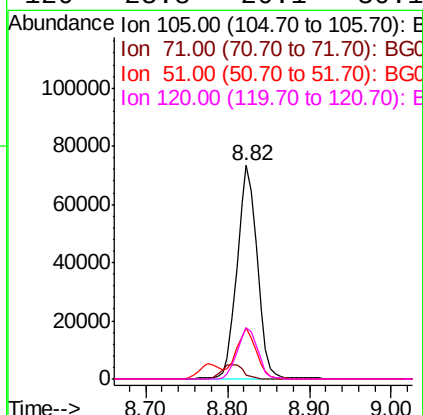
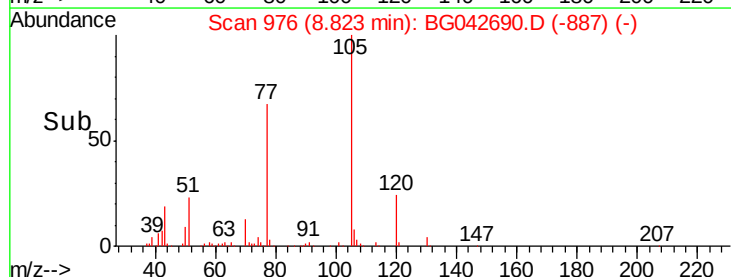
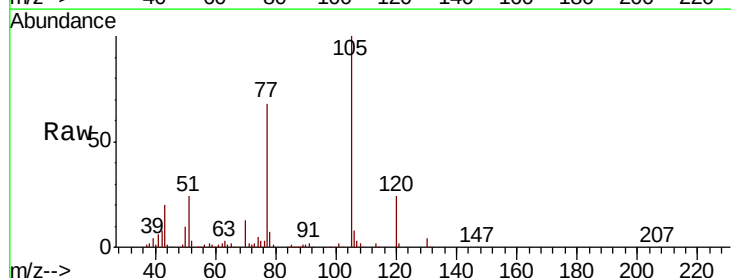
Instrument :
BNA_G
ClientSampleId :

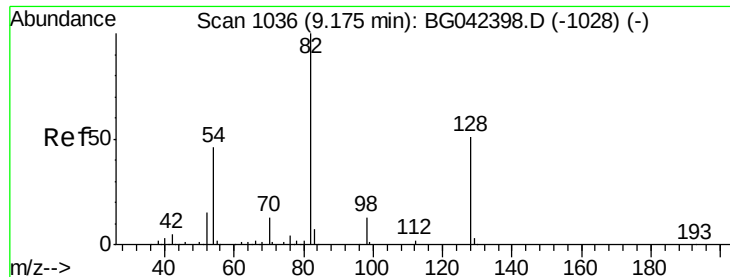
Tot Ion:136	Resp:	143109
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.7 13.1
54	6.1	4.9 7.3
68	3.2	3.6 5.4#



#22
Acetophenone
Concen: 41.405 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Tgt Ion:105	Resp:	126734
Ion	Ratio	Lower Upper
105	100	
71	2.1	2.8 4.2#
51	23.7	18.7 28.1
120	23.8	20.1 30.1

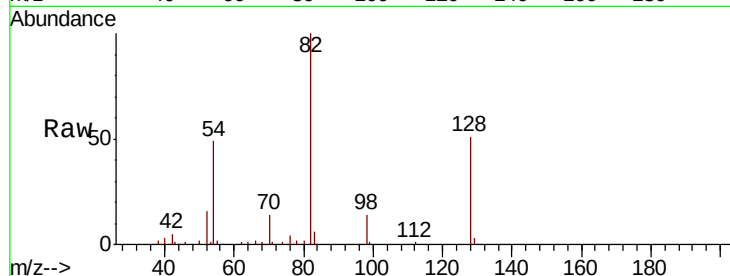




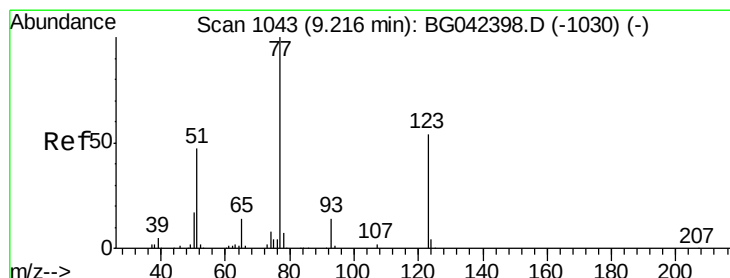
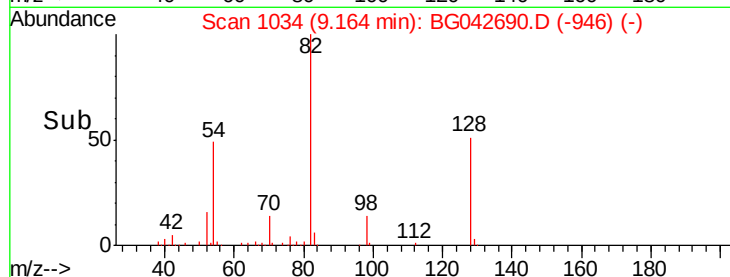
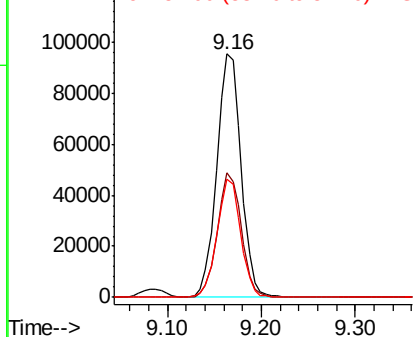
#23
Nitrobenzene-d5
Concen: 83.521 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	172965
Ion Ratio	Lower	Upper	
82	100		
128	51.2	40.7	61.1
54	48.5	36.3	54.5

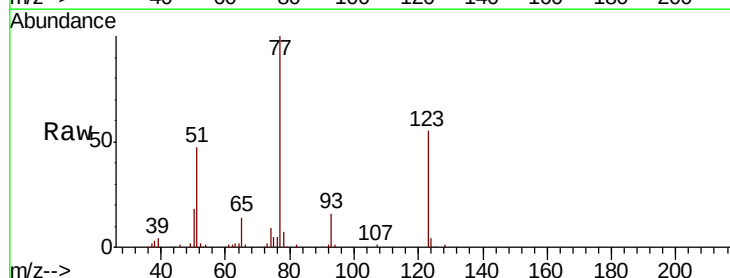


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

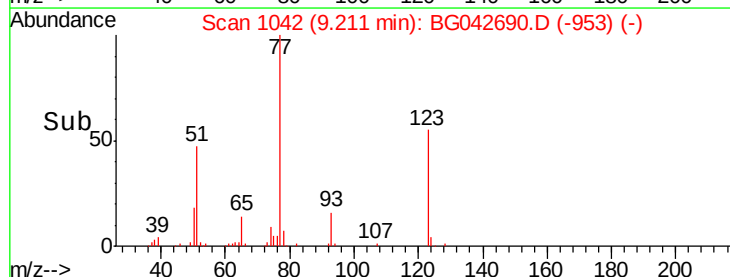
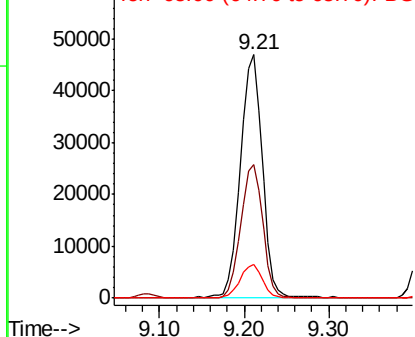


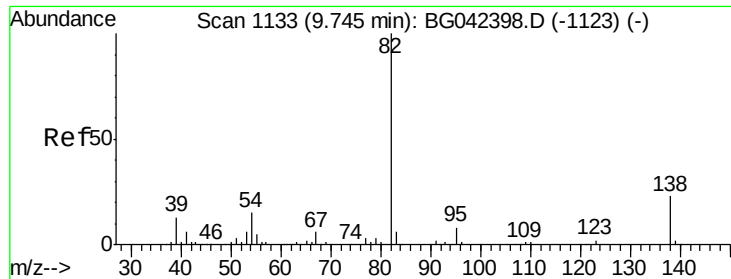
#24
Nitrobenzene
Concen: 40.188 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Tgt Ion	77	Resp	84278
Ion Ratio	Lower	Upper	
77	100		
123	55.0	43.4	65.0
65	13.8	11.0	16.6



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





#25

Isophorone

Concen: 38.149 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

Instrument :

BNA_G

ClientSampled :

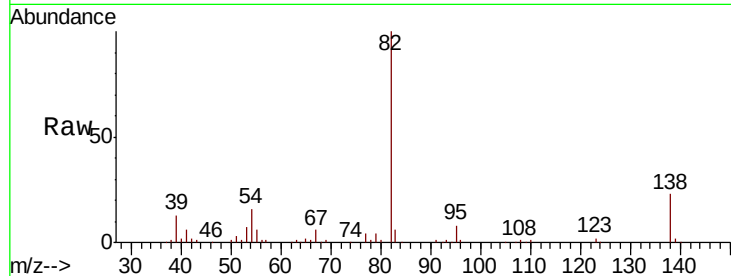
Tot Ion: 82 Resp: 155915

Ion Ratio Lower Upper

82 100

95 8.3 6.6 9.8

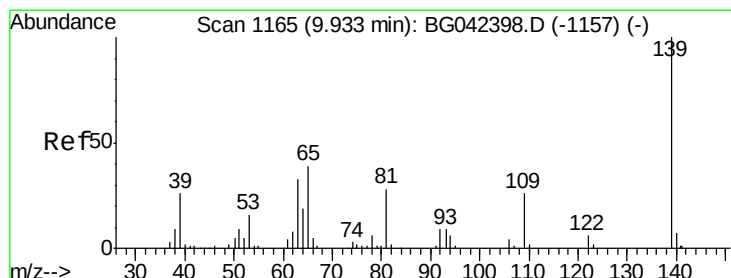
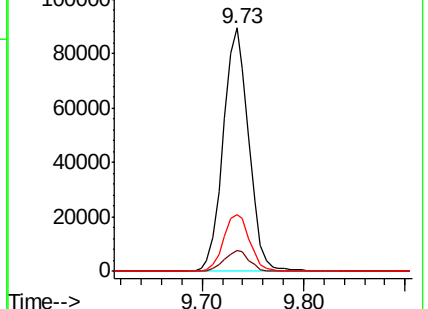
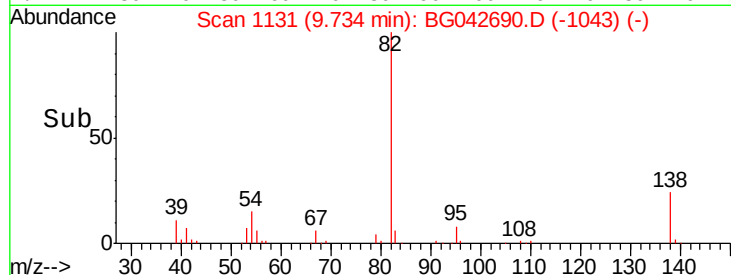
138 23.4 18.6 27.8



Abundance Ion 82.00 (81.70 to 82.70): BG042690.D (-1043) (-)

Ion 95.00 (94.70 to 95.70): BG042690.D (-1043) (-)

Ion 138.00 (137.70 to 138.70): BG042690.D (-1043) (-)



#26

2-Nitrophenol

Concen: 42.331 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

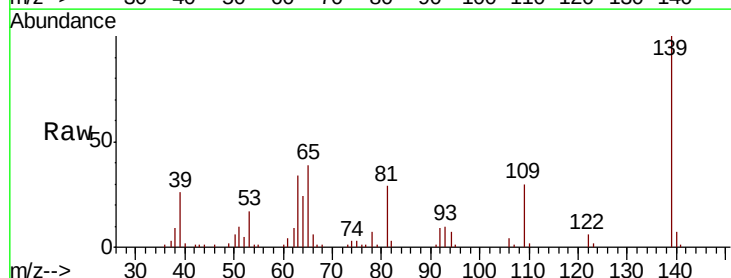
Tgt Ion: 139 Resp: 55631

Ion Ratio Lower Upper

139 100

109 29.7 20.5 30.7

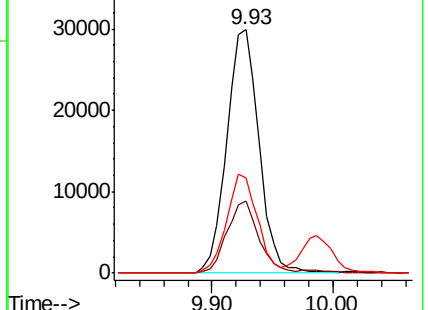
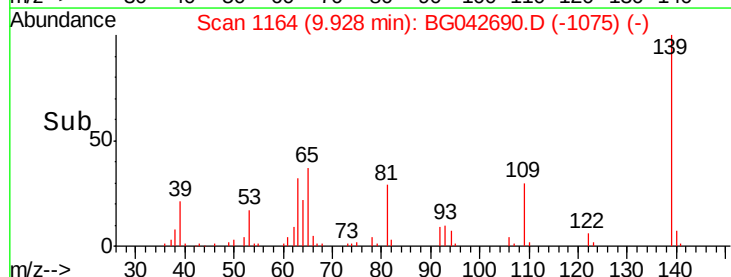
65 38.9 30.9 46.3

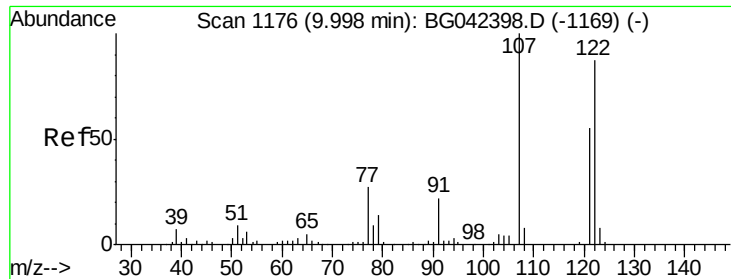


Abundance Ion 139.00 (138.70 to 139.70): BG042690.D (-1075) (-)

Ion 109.00 (108.70 to 109.70): BG042690.D (-1075) (-)

Ion 65.00 (64.70 to 65.70): BG042690.D (-1075) (-)

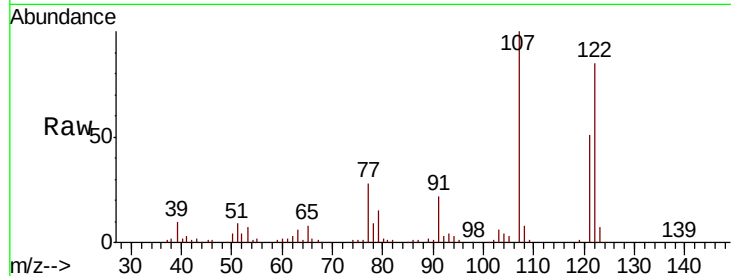




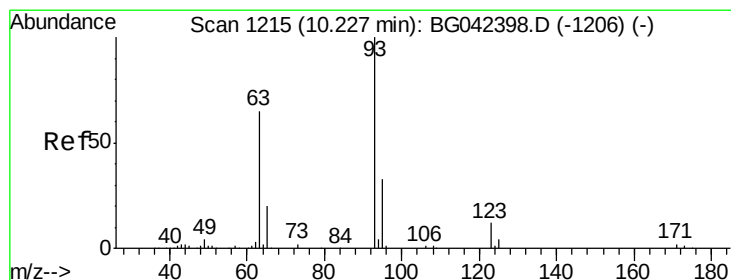
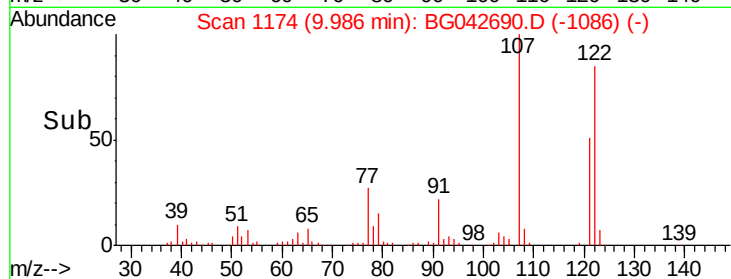
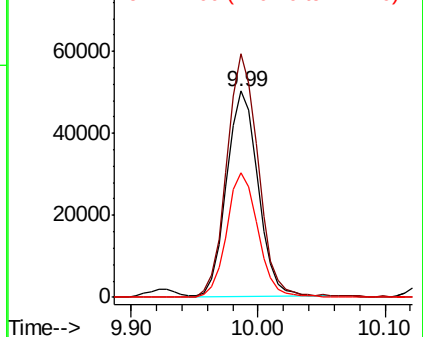
#27
2,4-Dimethylphenol
Concen: 47.548 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 86075
Ion Ratio Lower Upper
122 100
107 118.1 90.8 136.2
121 60.7 49.6 74.4

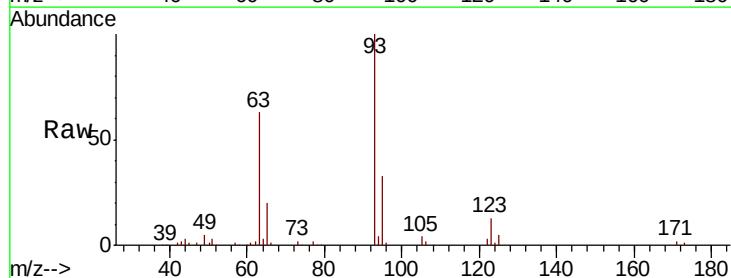


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

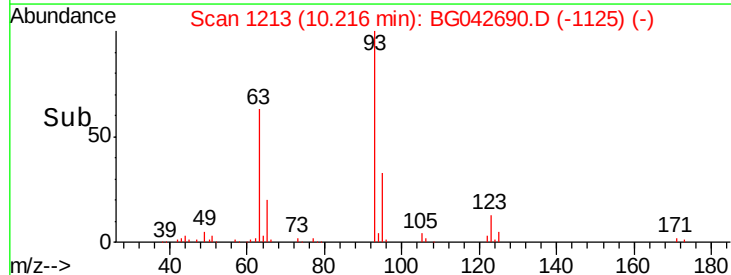
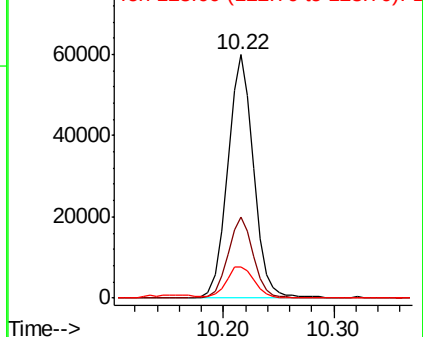


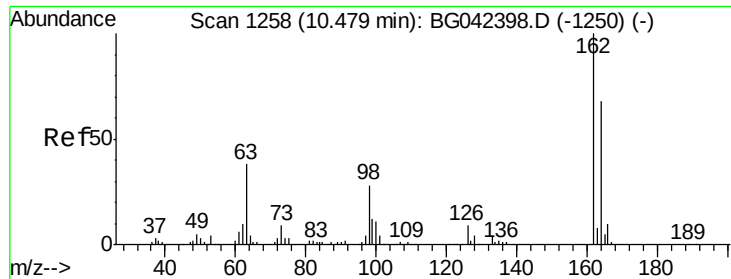
#28
bis(2-Chloroethoxy)methane
Concen: 38.109 ng
RT: 10.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Tgt Ion: 93 Resp: 98167
Ion Ratio Lower Upper
93 100
95 33.4 26.6 40.0
123 12.9 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

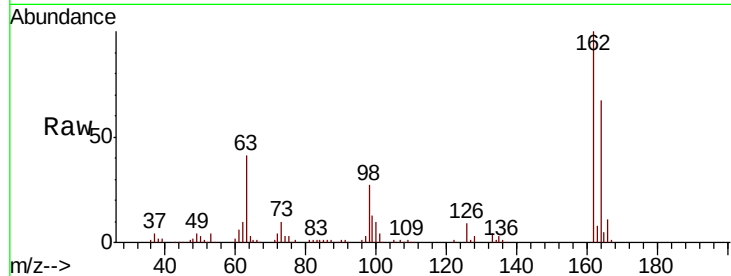




#29
 2,4-Dichlorophenol
 Concen: 46.304 ng
 RT: 10.47 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BG042690.D
 Acq: 3 Sep 2019 15:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.5	48.1	88.1
98	27.1	7.6	47.6

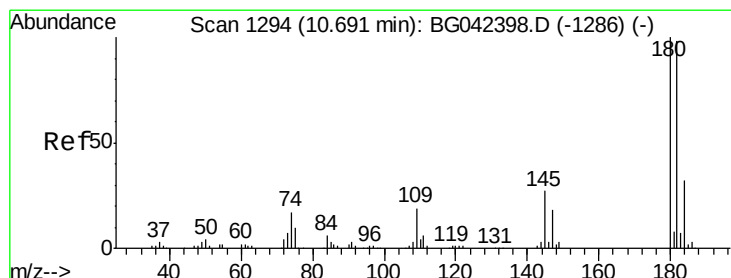
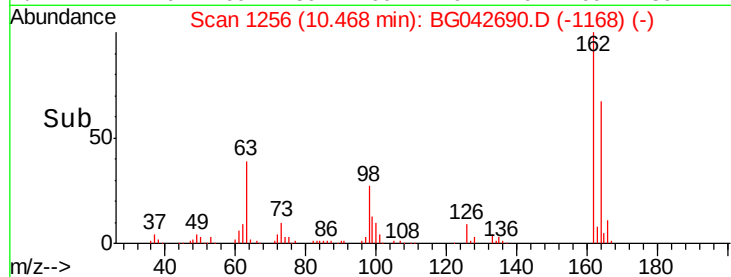
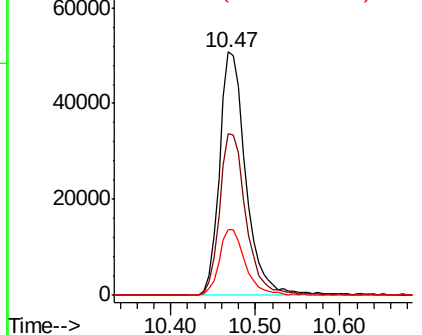


Abundance

Ion 162.00 (161.70 to 162.70): E

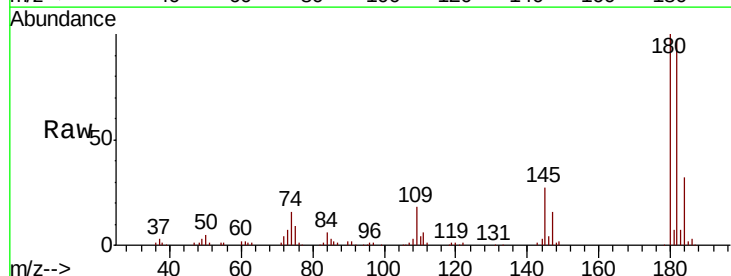
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#30
 1,2,4-Trichlorobenzene
 Concen: 43.122 ng
 RT: 10.68 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BG042690.D
 Acq: 3 Sep 2019 15:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	78.7	118.1
145	27.1	21.6	32.4

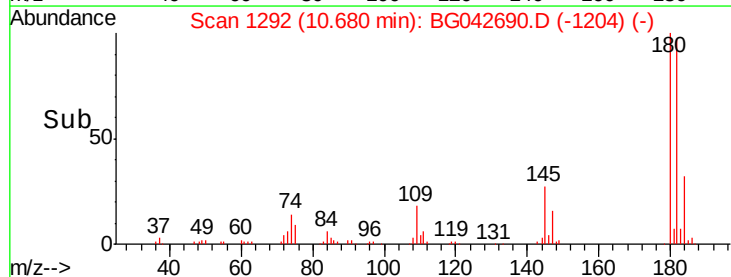
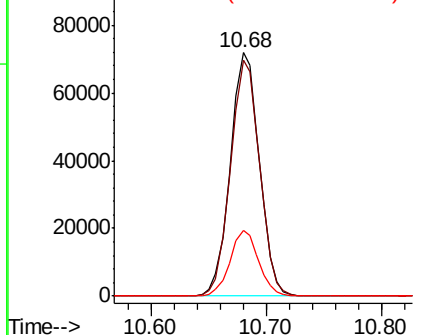


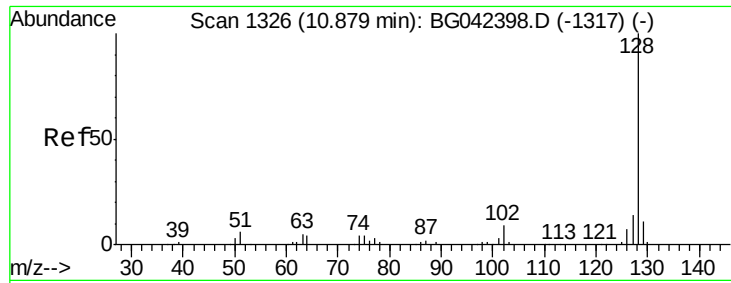
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

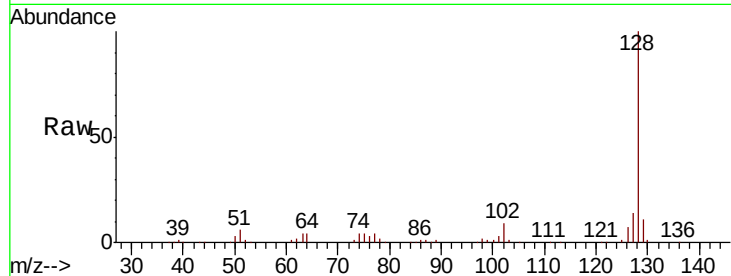




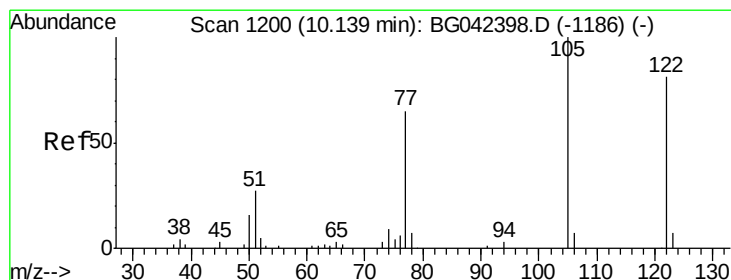
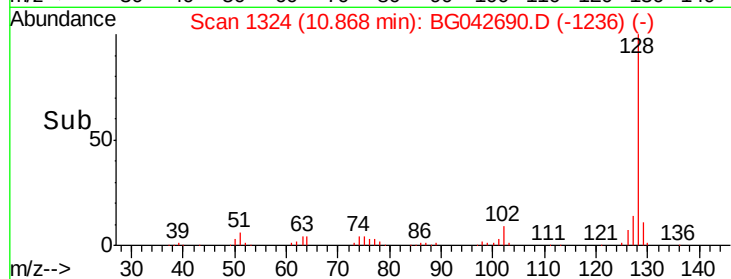
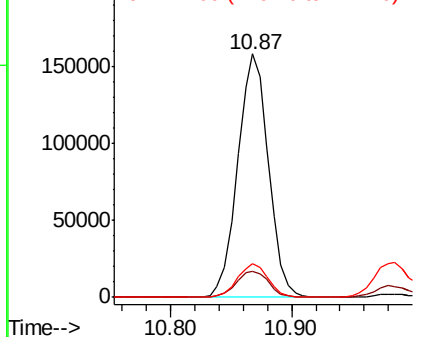
#31
Naphthalene
Concen: 42.165 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 280149
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 14.0 11.4 17.0

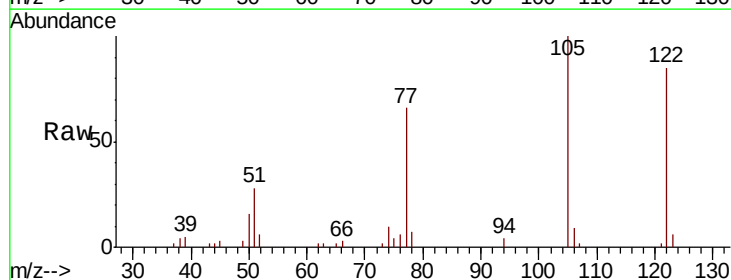


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

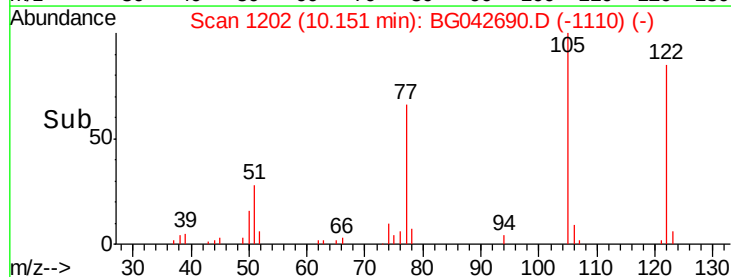
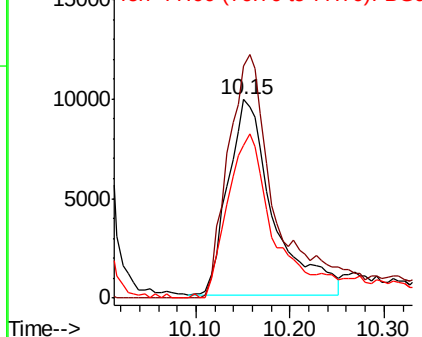


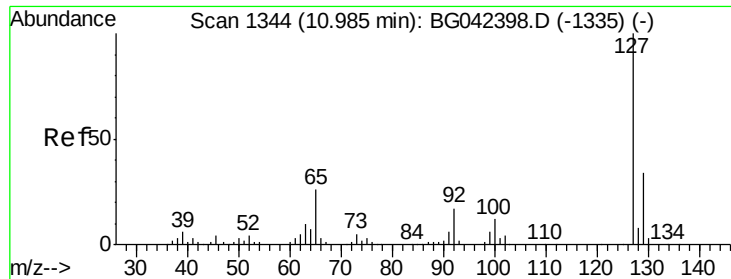
#32
Benzoic acid
Concen: 29.020 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Tgt Ion:122 Resp: 33013
Ion Ratio Lower Upper
122 100
105 117.2 99.6 139.6
77 77.0 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): BGO

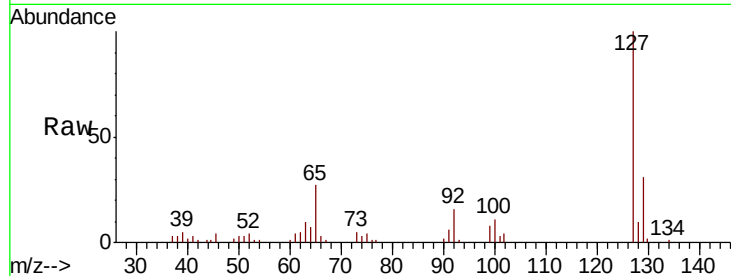




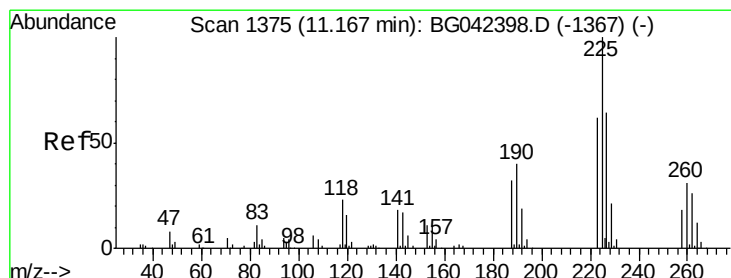
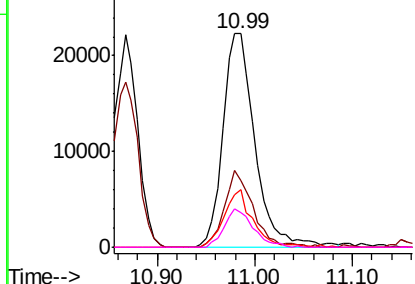
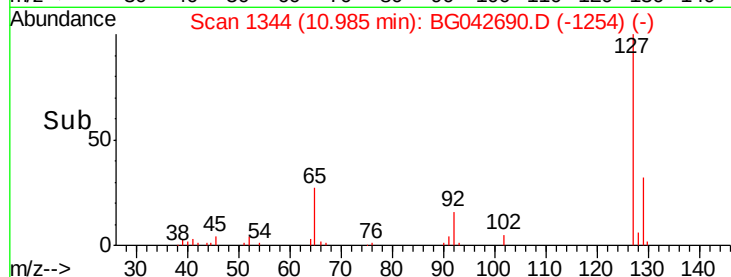
#33
4-Chloroaniline
Concen: 16.565 ng
RT: 10.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	50807
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.8	40.2
65	26.8	20.7	31.1
92	16.3	13.6	20.4

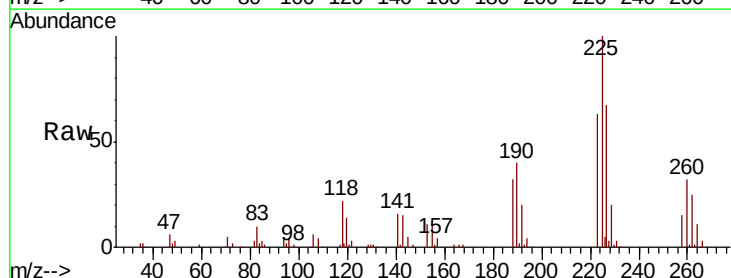


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

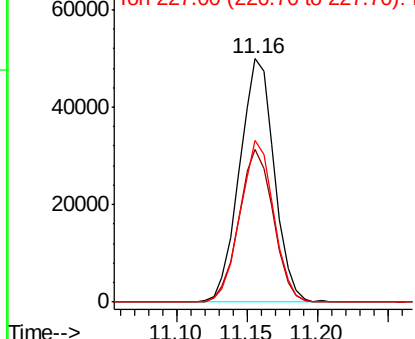
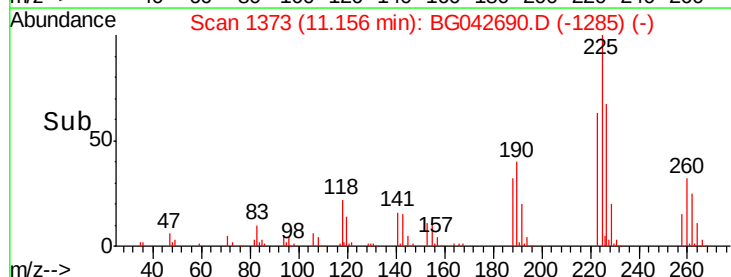


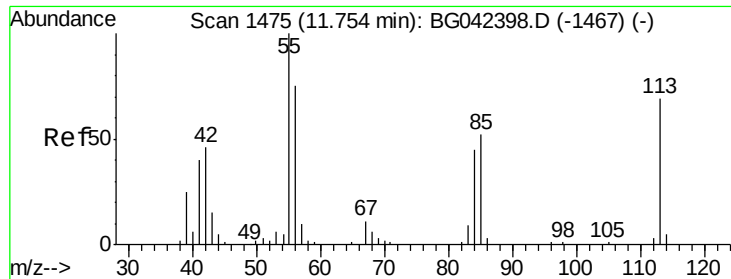
#34
Hexachlorobutadiene
Concen: 43.748 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Tgt Ion:	225	Resp:	85476
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.8	74.6
227	66.6	50.9	76.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

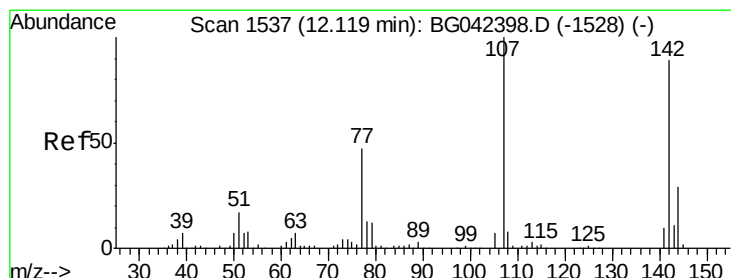
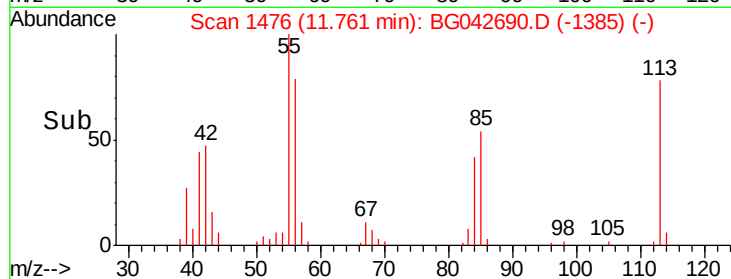
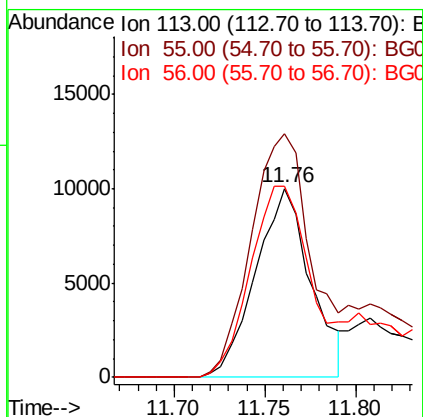
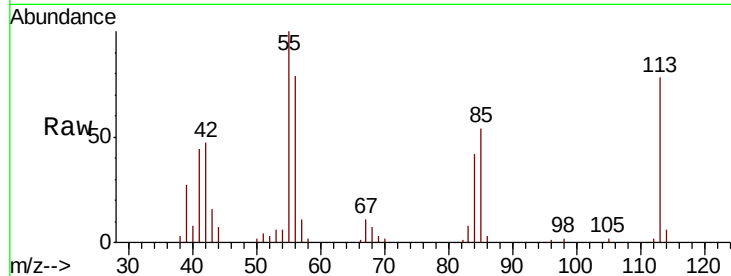




#35
 Caprolactam
 Concen: 26.767 ng
 RT: 11.76 min Scan# 1476
 Delta R.T. 0.01 min
 Lab File: BG042690.D
 Acq: 3 Sep 2019 15:56

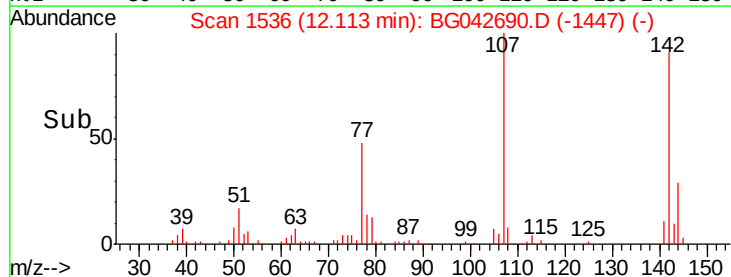
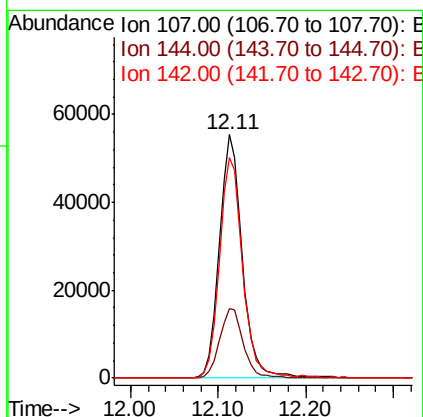
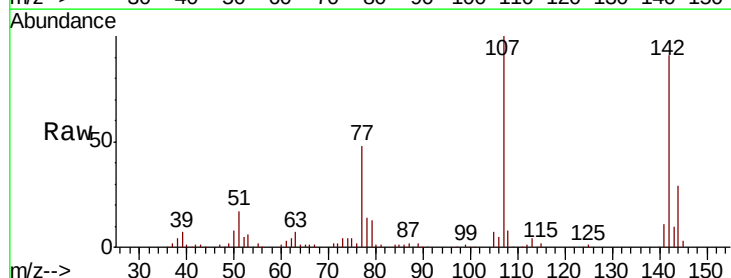
Instrument :
 BNA_G
 ClientSampled :

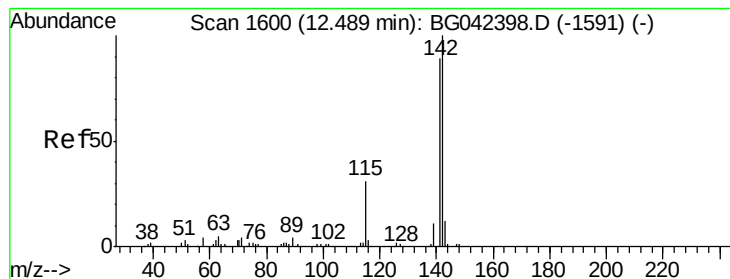
Tot Ion:113 Resp: 21154
 Ion Ratio Lower Upper
 113 100
 55 128.7 124.6 164.6
 56 101.1 88.3 128.3



#36
 4-Chloro-3-methylphenol
 Concen: 44.320 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BG042690.D
 Acq: 3 Sep 2019 15:56

Tgt Ion:107 Resp: 99650
 Ion Ratio Lower Upper
 107 100
 144 28.8 23.6 35.4
 142 90.5 71.0 106.4





#37

2-Methylnaphthalene

Concen: 43.644 ng

RT: 12.48 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

Instrument :

BNA_G

ClientSampleId :

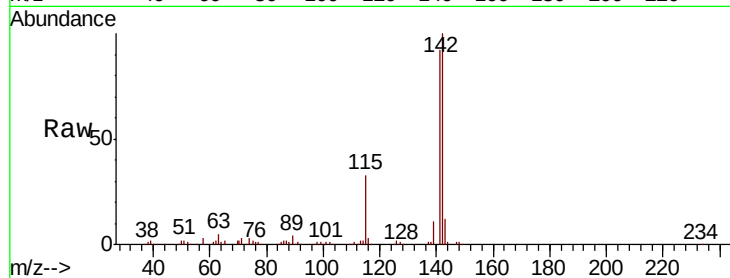
Tot Ion:142 Resp: 232840

Ion Ratio Lower Upper

142 100

141 91.8 71.4 107.2

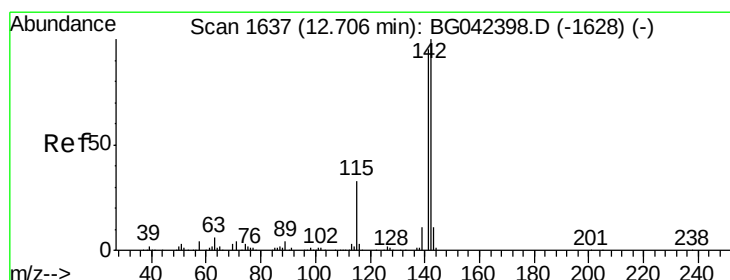
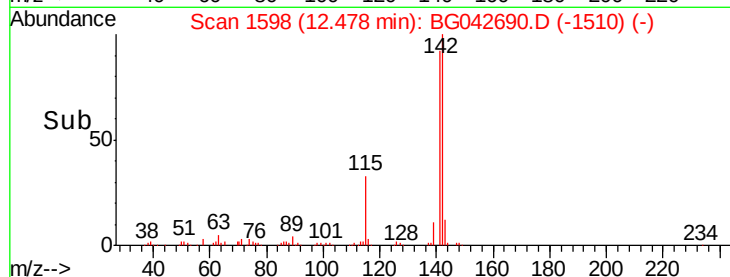
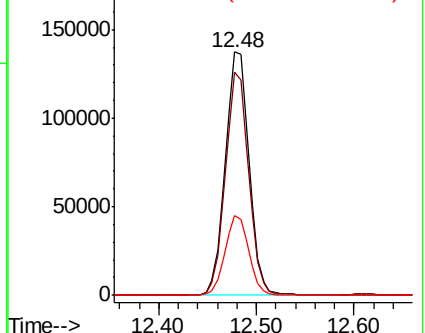
115 32.9 25.2 37.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.153 ng

RT: 12.70 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

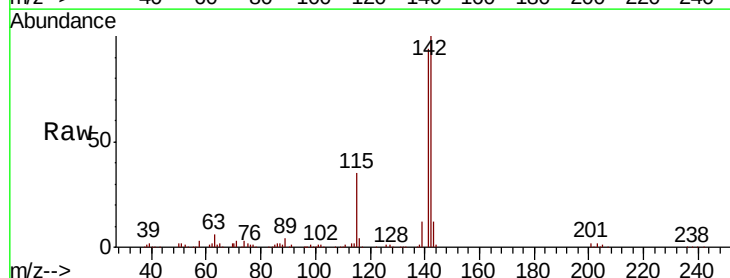
Tgt Ion:142 Resp: 218681

Ion Ratio Lower Upper

142 100

141 93.9 76.2 114.2

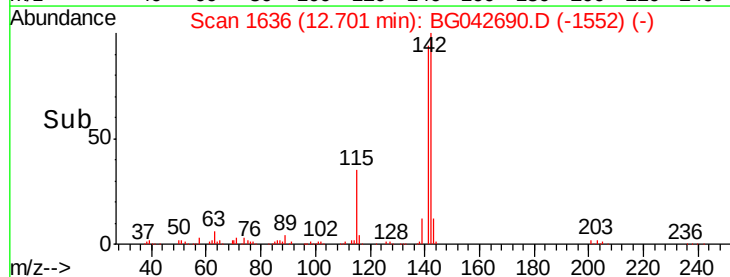
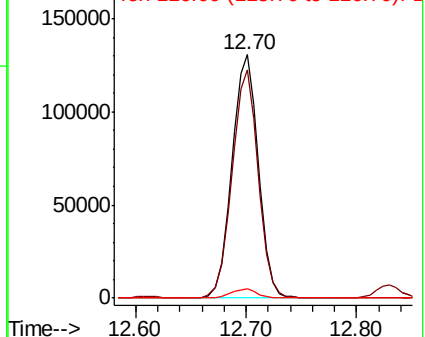
116 3.8 2.8 4.2

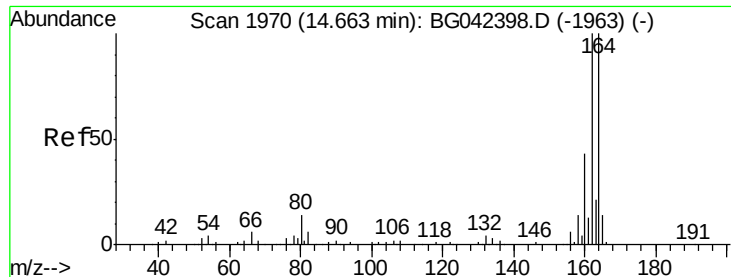


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

Instrument :

BNA_G

ClientSampleId :

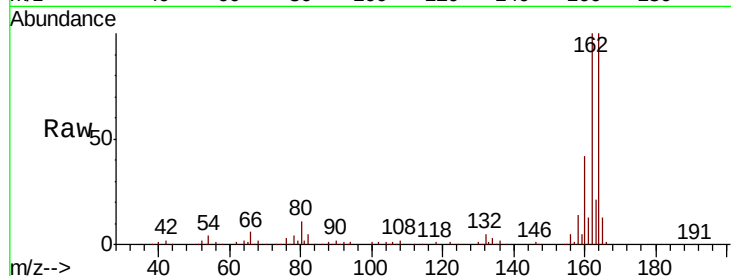
Tot Ion:164 Resp: 112896

Ion Ratio Lower Upper

164 100

162 99.8 79.9 119.9

160 42.1 34.3 51.5

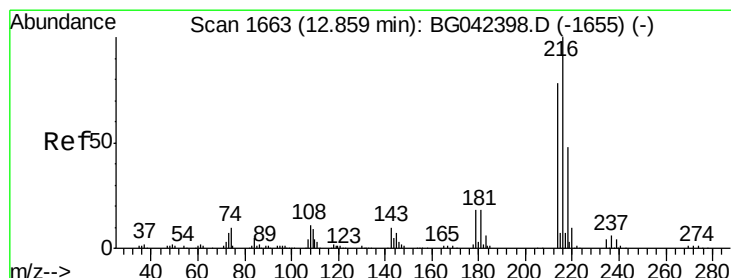
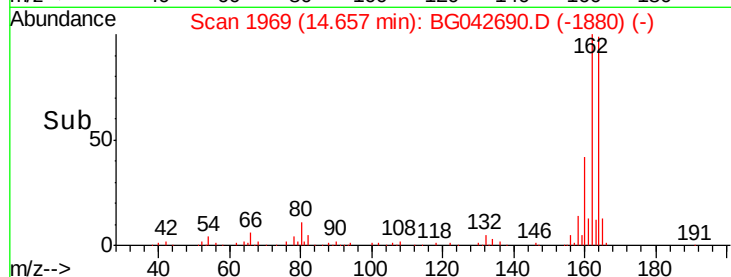
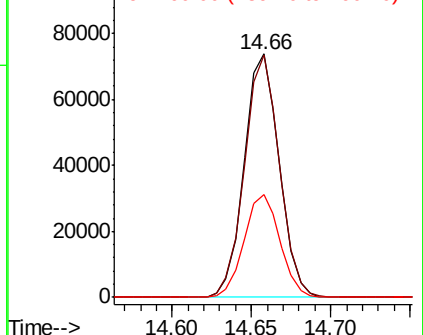


Abundance

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: 45.339 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

Tgt Ion:216 Resp: 164376

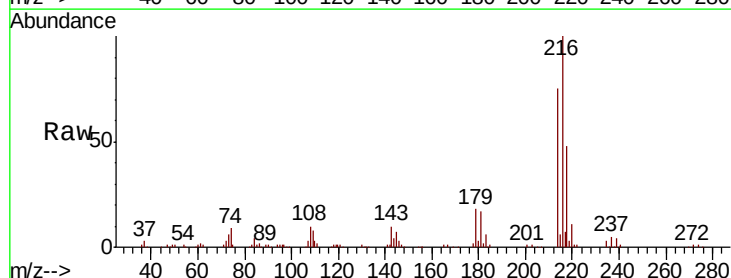
Ion Ratio Lower Upper

216 100

214 75.5 61.4 92.2

179 18.8 15.1 22.7

108 11.8 9.4 14.0



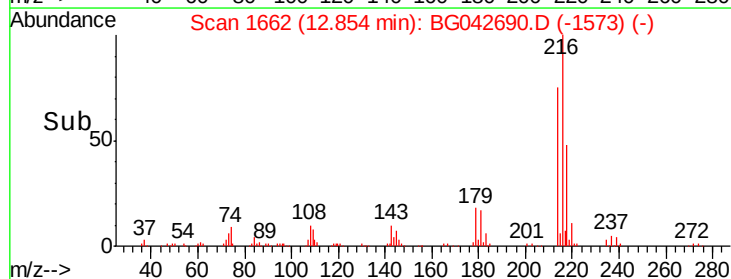
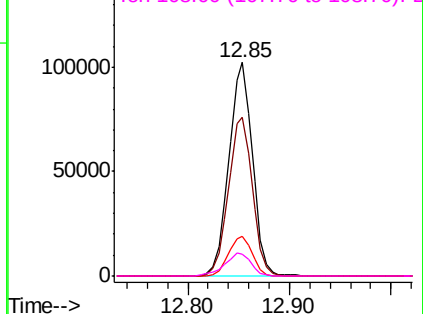
Abundance

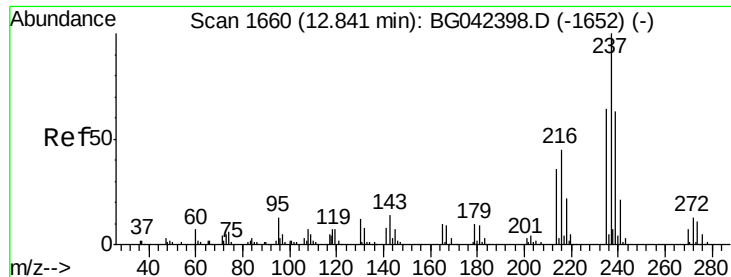
Ion 216.00 (215.70 to 216.70): E

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

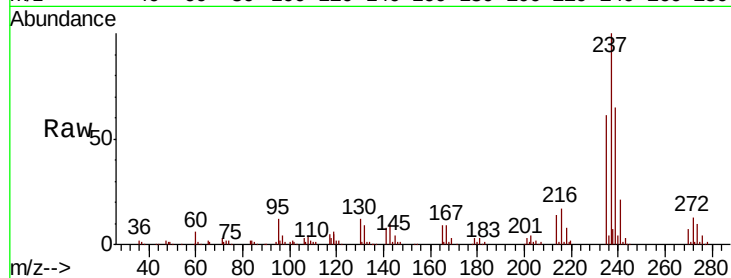




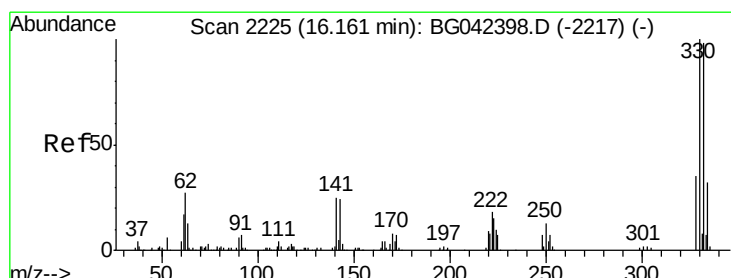
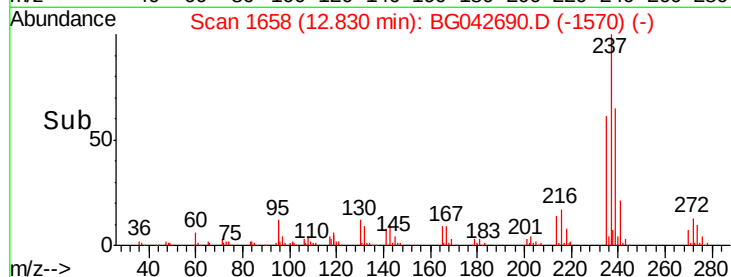
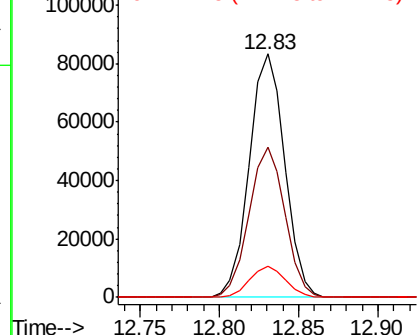
#41
Hexachlorocyclopentadiene
Concen: 68.035 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 129567
Ion Ratio Lower Upper
237 100
235 61.5 43.7 83.7
272 12.6 0.0 33.3

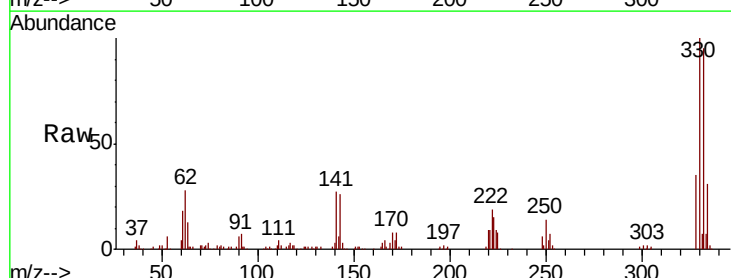


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

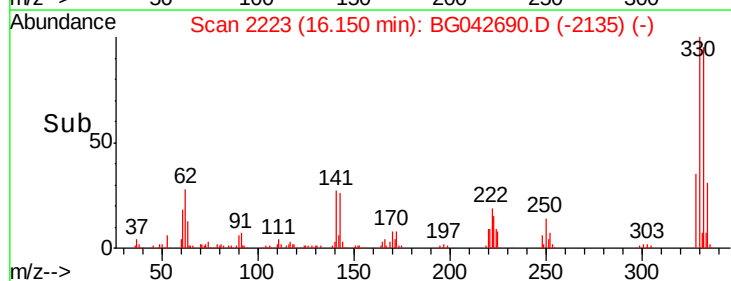
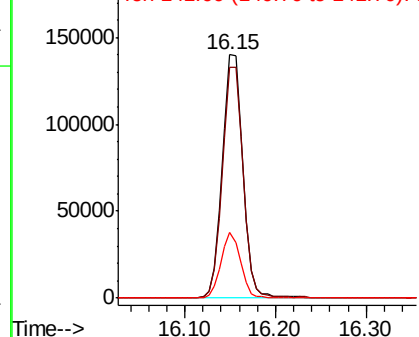


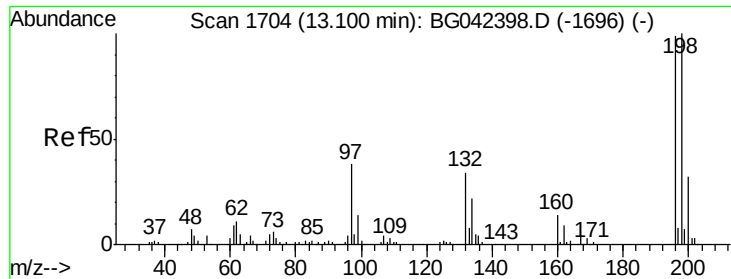
#42
2,4,6-Tribromophenol
Concen: 136.881 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Tgt Ion:330 Resp: 219644
Ion Ratio Lower Upper
330 100
332 95.3 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

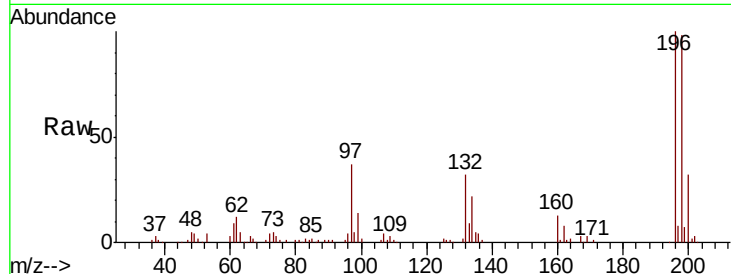




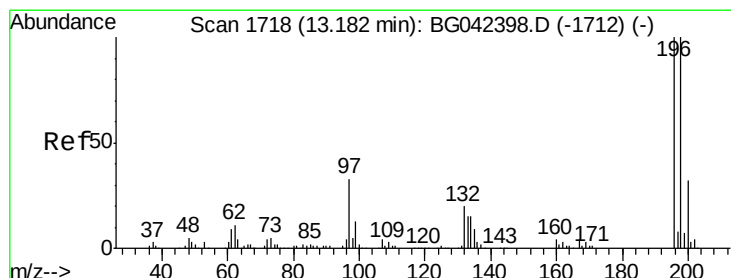
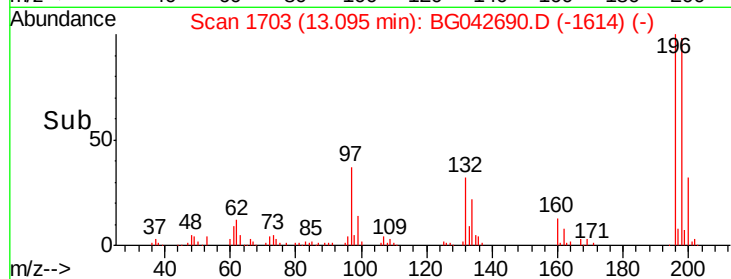
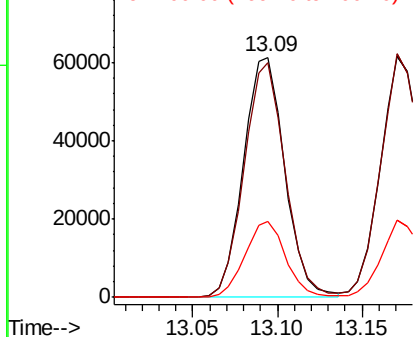
#43
 2,4,6-Trichlorophenol
 Concen: 42.541 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042690.D
 Acq: 3 Sep 2019 15:56

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 104252
 Ion Ratio Lower Upper
 196 100
 198 97.9 80.7 121.1
 200 31.7 25.7 38.5



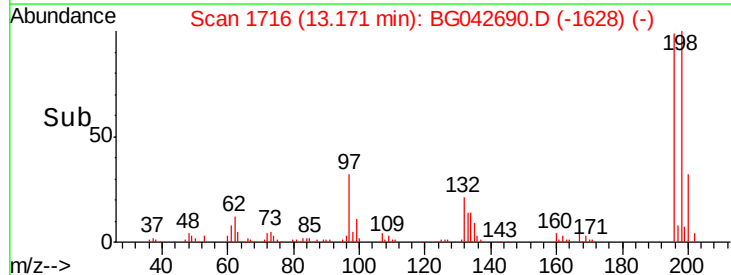
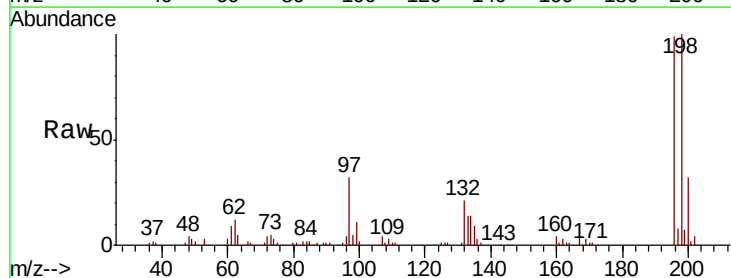
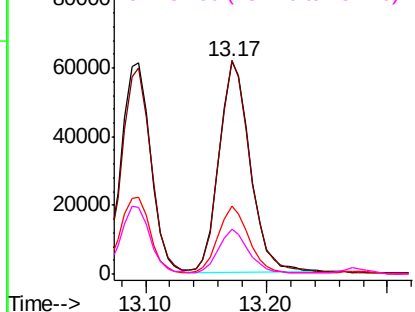
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

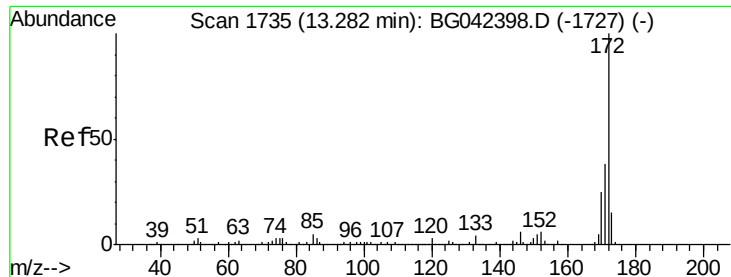


#44
 2,4,5-Trichlorophenol
 Concen: 43.315 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042690.D
 Acq: 3 Sep 2019 15:56

Tgt Ion:196 Resp: 109999
 Ion Ratio Lower Upper
 196 100
 198 100.8 80.2 120.4
 97 32.2 26.3 39.5
 132 20.9 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

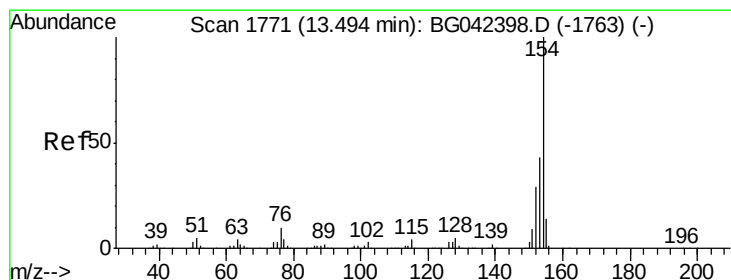
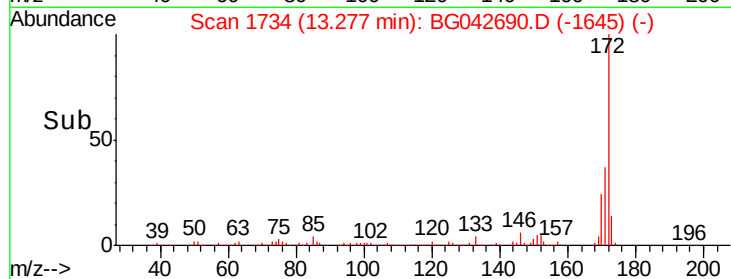
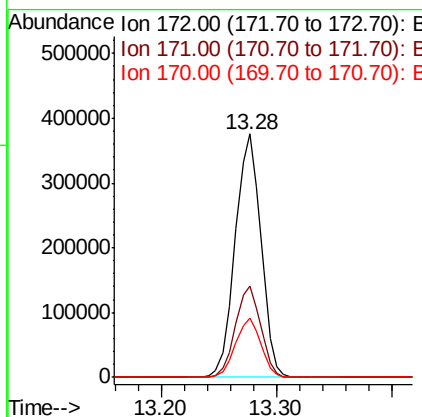
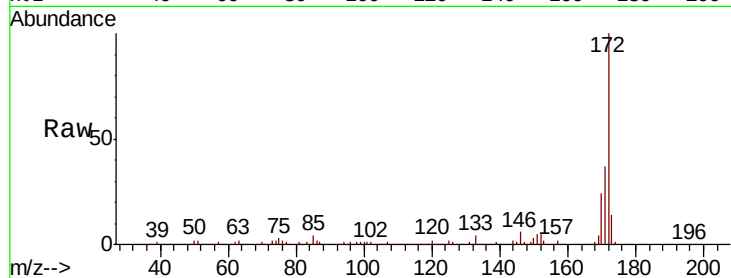




#45
2-Fluorobiphenyl
Concen: 86.705 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

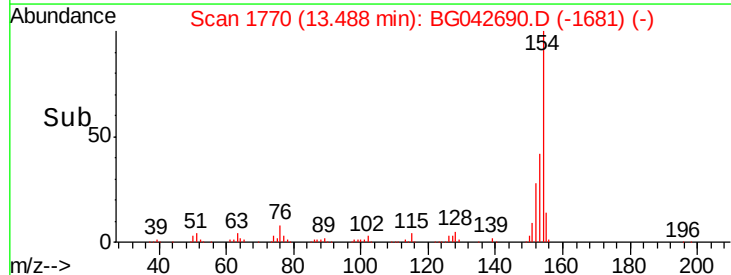
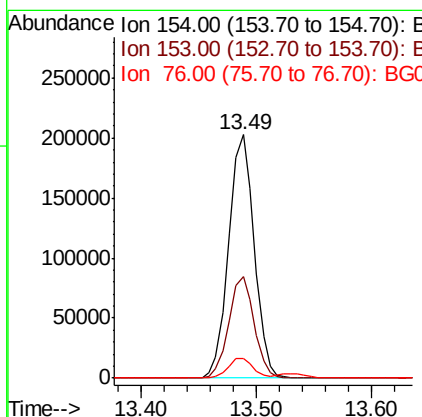
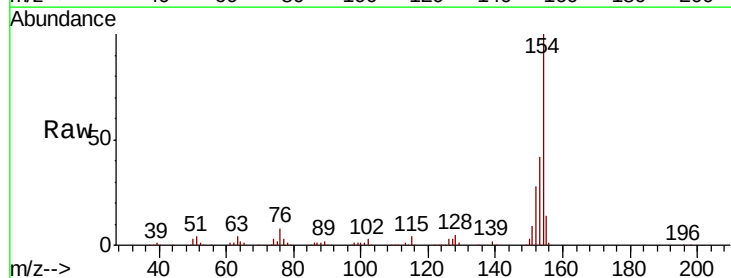
Instrument :
BNA_G
ClientSampled :

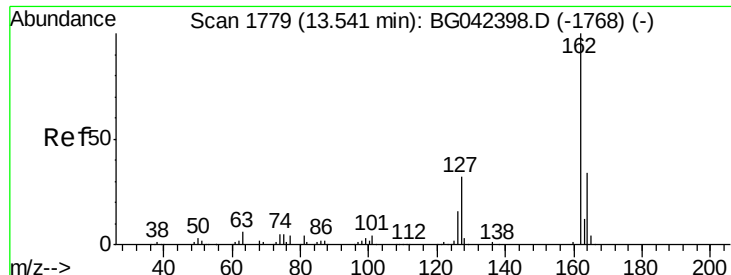
Tot Ion:172 Resp: 578771
Ion Ratio Lower Upper
172 100
171 37.4 30.5 45.7
170 24.1 20.2 30.2



#46
1,1'-Biphenyl
Concen: 42.559 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Tgt Ion:154 Resp: 310581
Ion Ratio Lower Upper
154 100
153 41.8 23.0 63.0
76 8.0 0.0 29.6

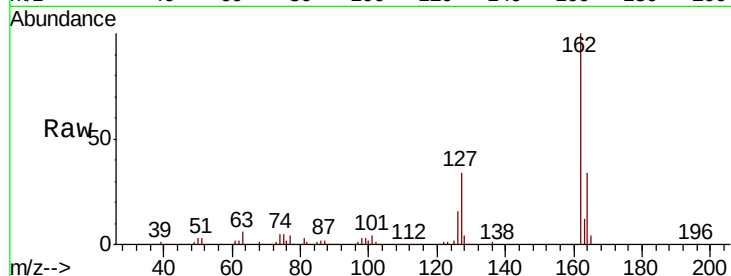




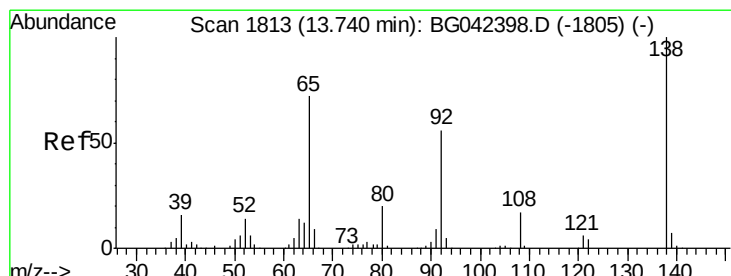
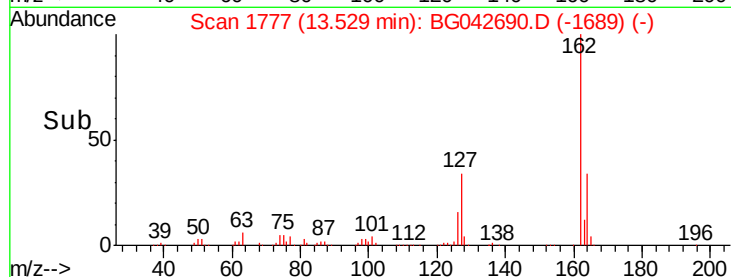
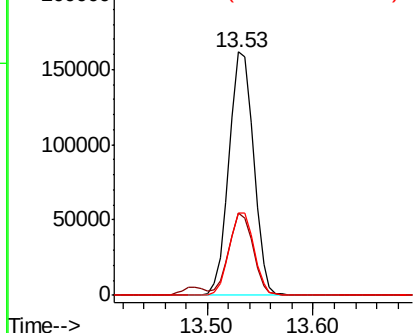
#47
2-Chloronaphthalene
Concen: 41.380 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	33.7	26.0	39.0
164	33.6	27.4	41.0

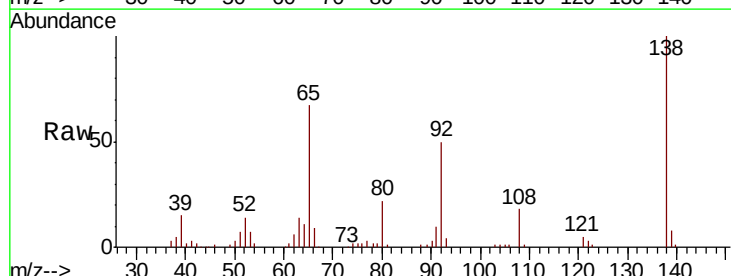


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

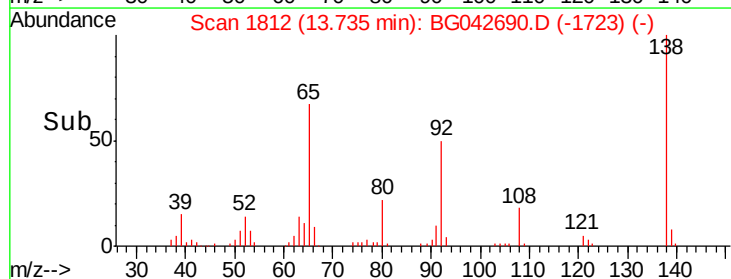
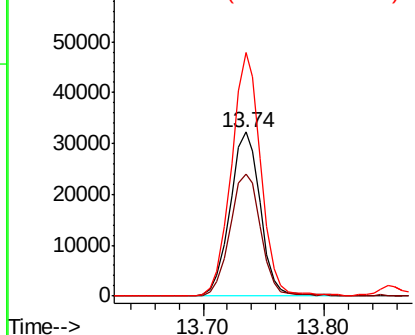


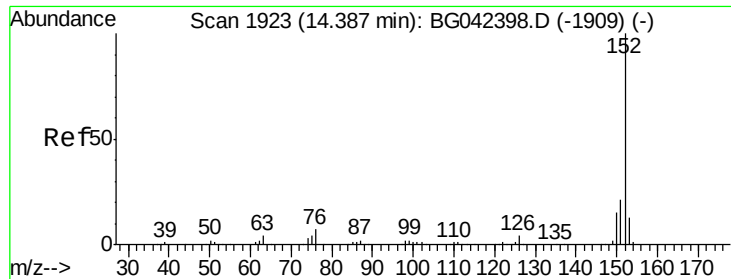
#48
2-Nitroaniline
Concen: 37.081 ng
RT: 13.74 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.2	61.8	92.6
138	148.6	111.0	166.6



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.118 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

Instrument :

BNA_G

ClientSampleId :

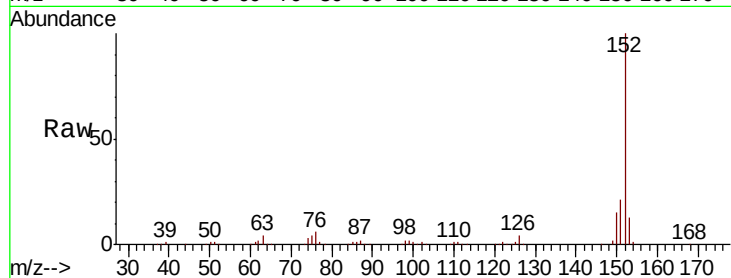
Tot Ion:152 Resp: 408194

Ion Ratio Lower Upper

152 100

151 20.8 17.0 25.4

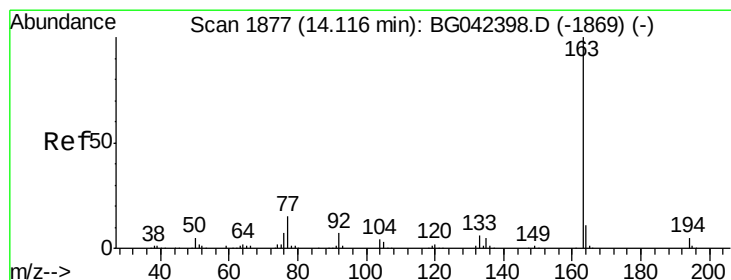
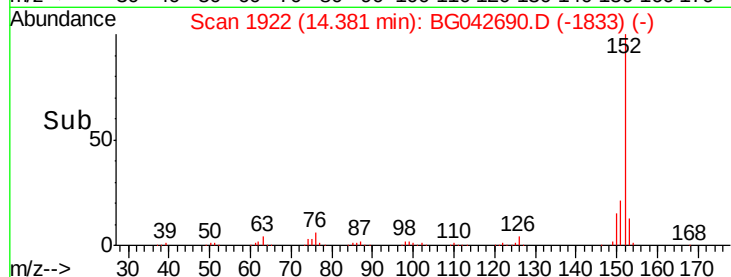
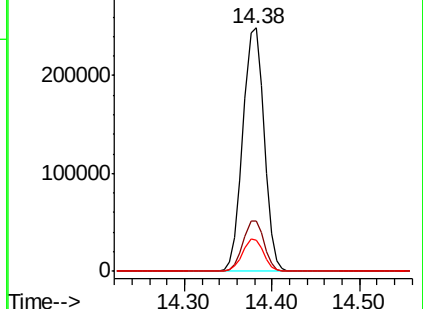
153 13.0 10.6 16.0



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: 44.894 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

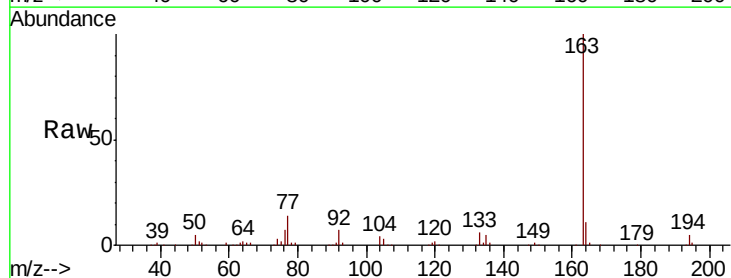
Tgt Ion:163 Resp: 365698

Ion Ratio Lower Upper

163 100

194 5.3 4.2 6.2

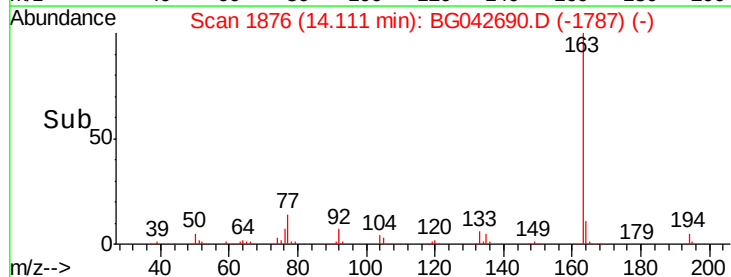
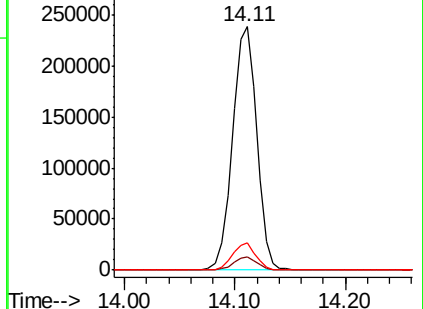
164 11.0 8.8 13.2

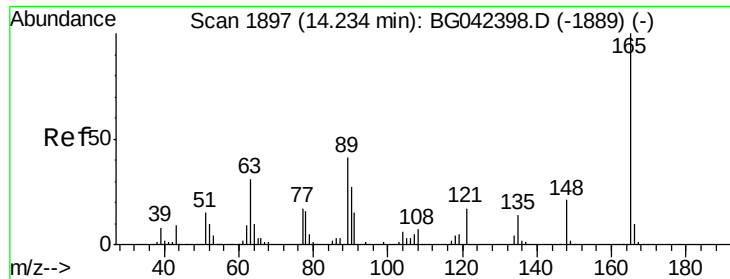


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.553 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

Instrument :

BNA_G

ClientSampleId :

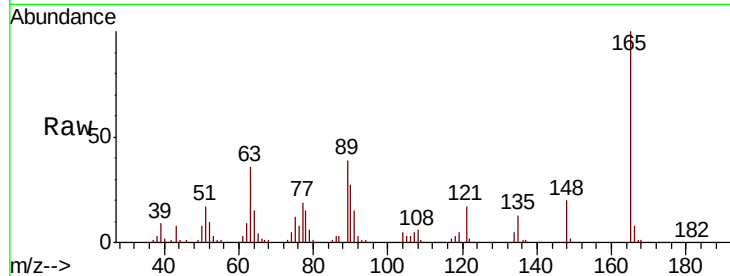
Tot Ion:165 Resp: 80346

Ion Ratio Lower Upper

165 100

63 35.9 30.6 45.8

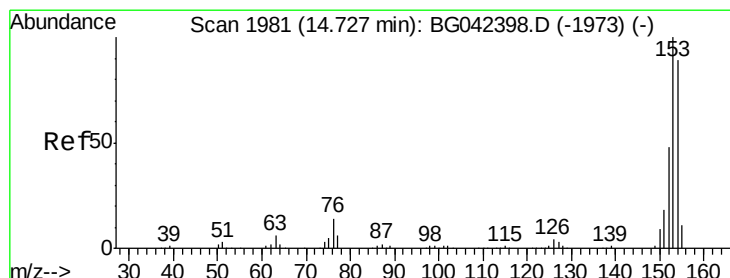
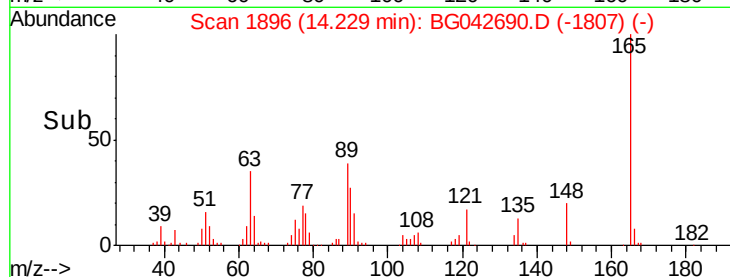
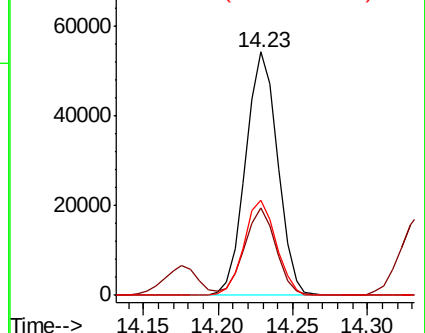
89 38.8 32.6 49.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 41.183 ng

RT: 14.72 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

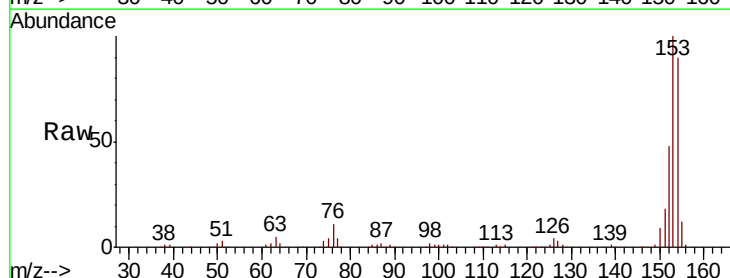
Tgt Ion:154 Resp: 236739

Ion Ratio Lower Upper

154 100

153 111.1 90.2 135.4

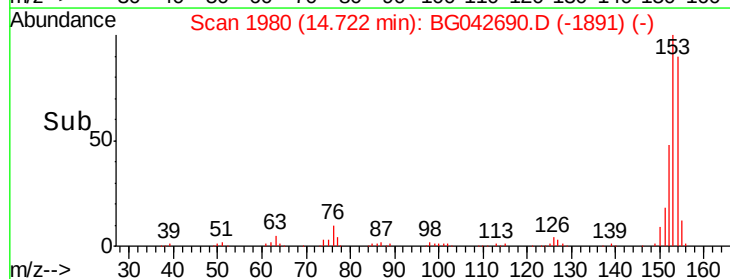
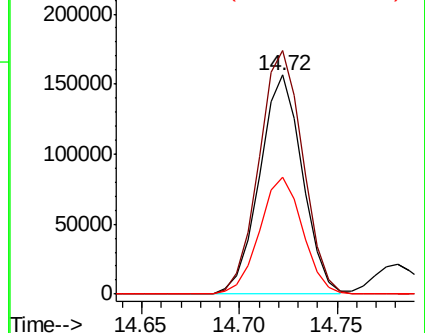
152 53.5 43.2 64.8

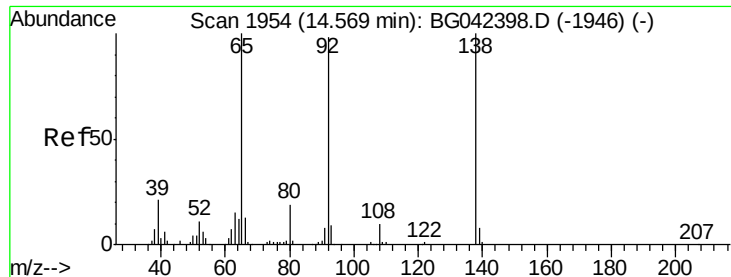


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 23.640 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

Instrument :

BNA_G

ClientSampleId :

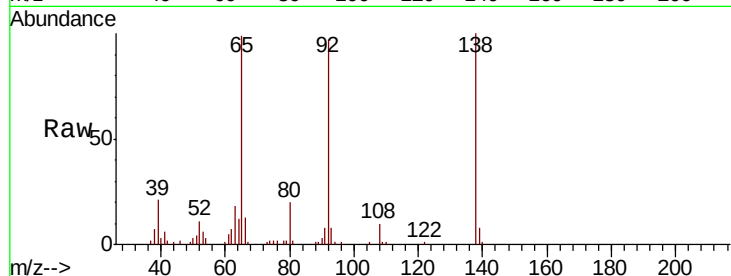
Tot Ion:138 Resp: 44640

Ion Ratio Lower Upper

138 100

108 10.1 8.3 12.5

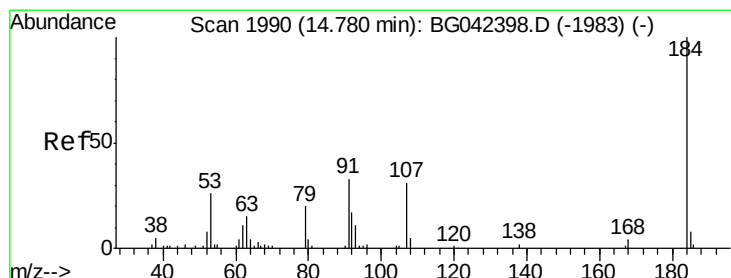
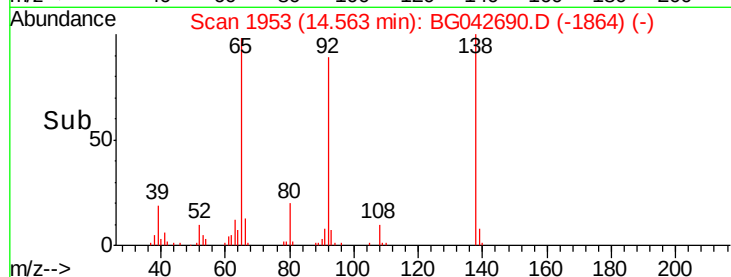
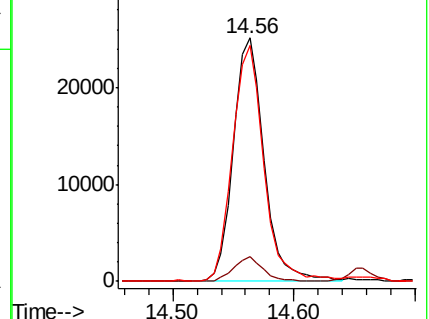
92 97.0 78.2 117.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 60.892 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

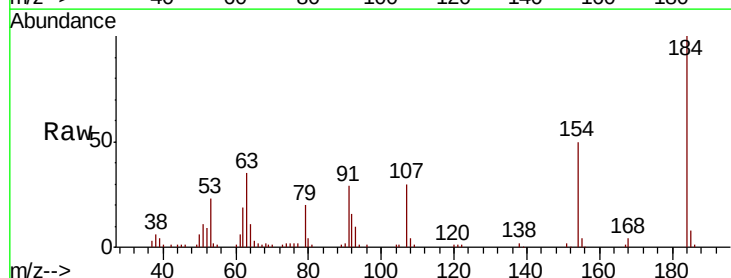
Tgt Ion:184 Resp: 75438

Ion Ratio Lower Upper

184 100

63 35.1 31.7 47.5

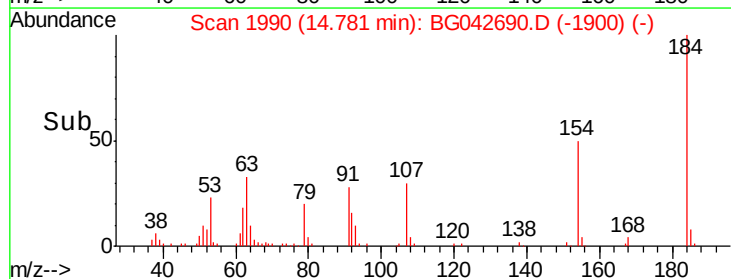
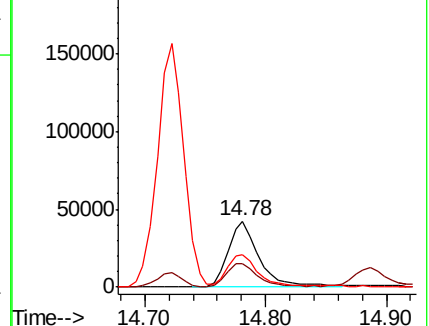
154 49.6 42.0 63.0

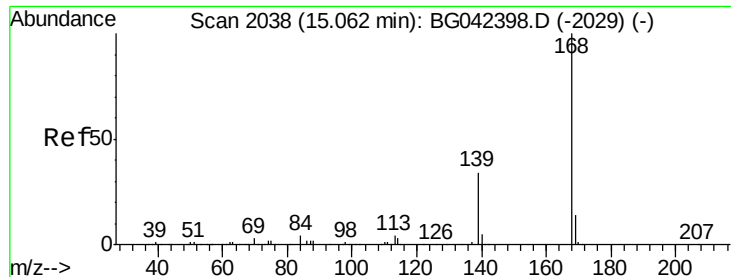


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 44.219 ng

RT: 15.06 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

Instrument :

BNA_G

ClientSampleId :

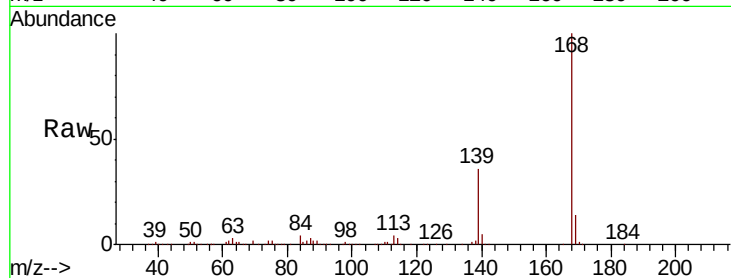
Tot Ion:168 Resp: 420756

Ion Ratio Lower Upper

168 100

139 35.6 27.2 40.8

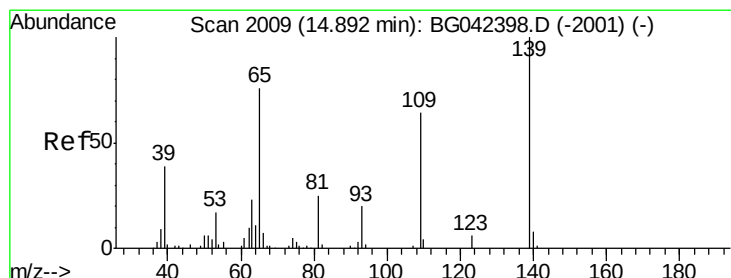
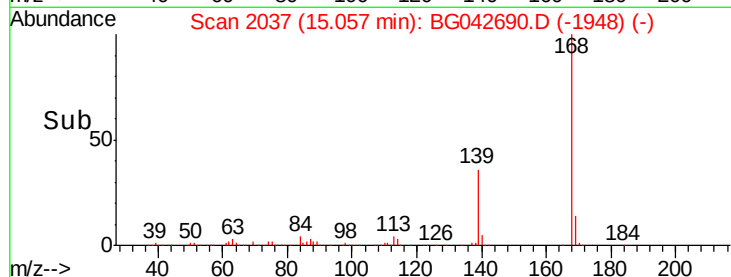
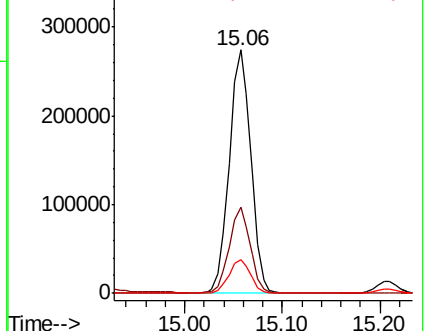
169 13.8 11.5 17.3



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: 80.704 ng

RT: 14.89 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

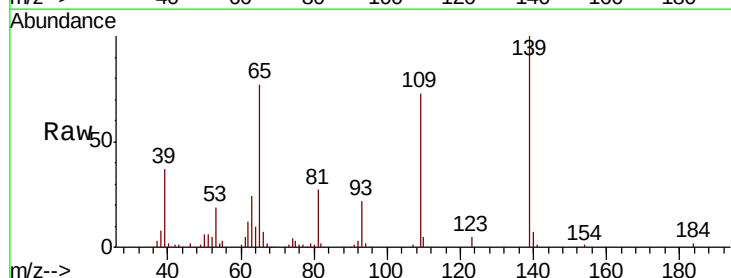
Tgt Ion:139 Resp: 108288

Ion Ratio Lower Upper

139 100

109 73.0 43.9 83.9

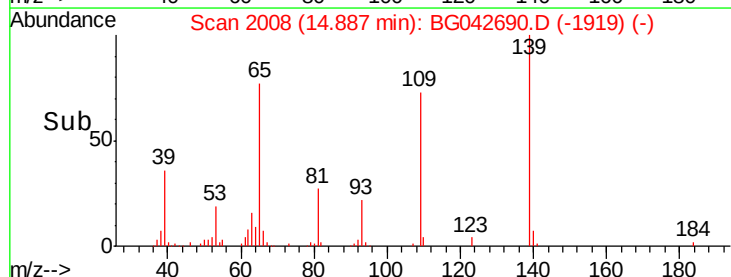
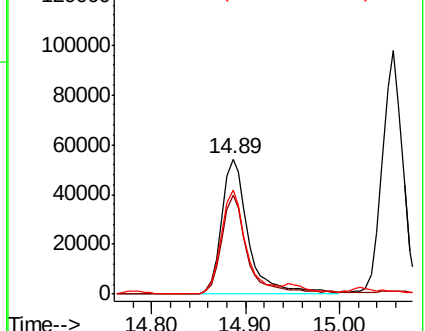
65 77.1 56.3 96.3

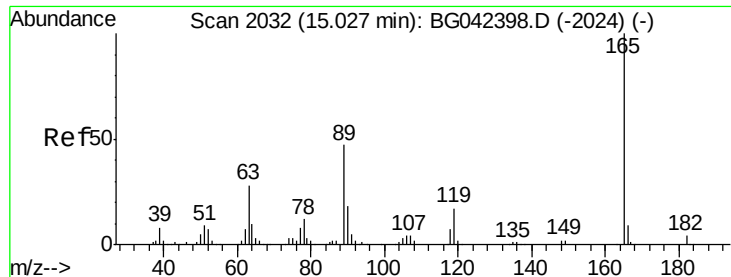


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

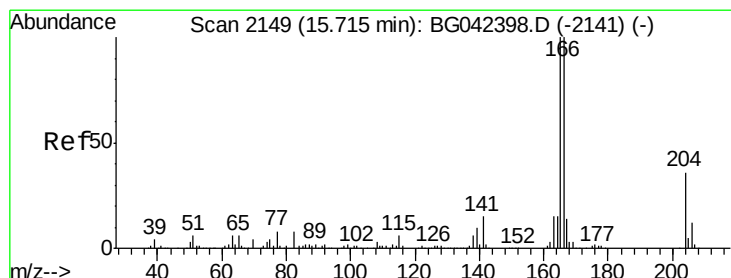
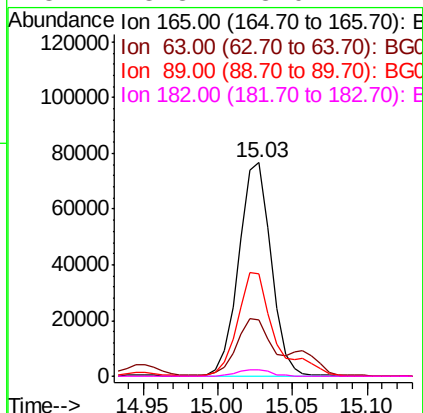
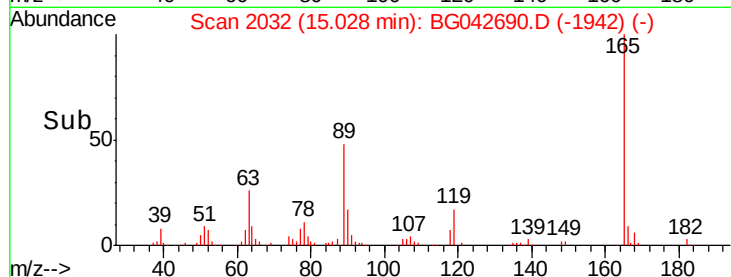
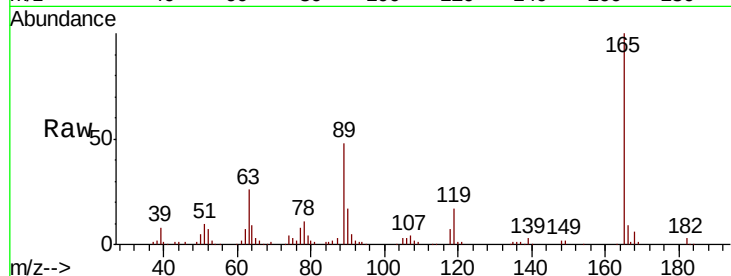




#57
 2,4-Dinitrotoluene
 Concen: 42.753 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BG042690.D
 Acq: 3 Sep 2019 15:56

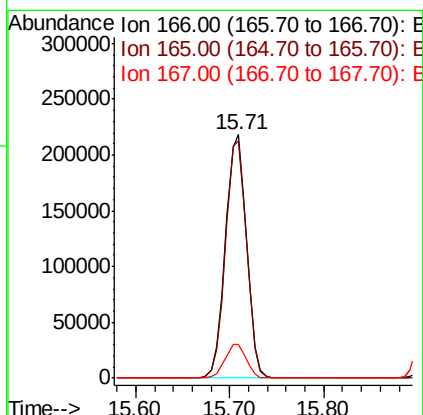
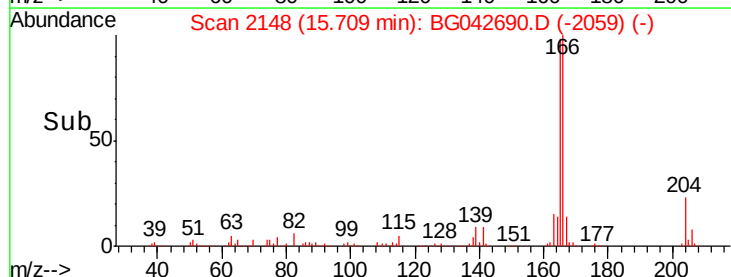
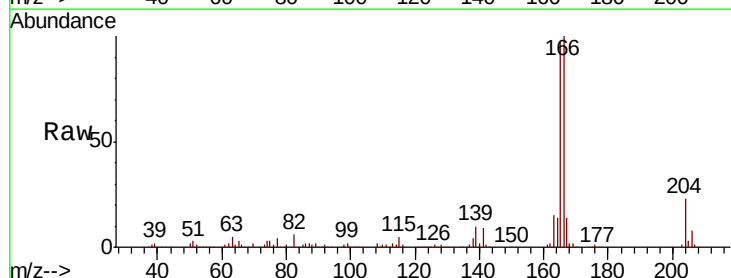
Instrument :
 BNA_G
 ClientSampleId :

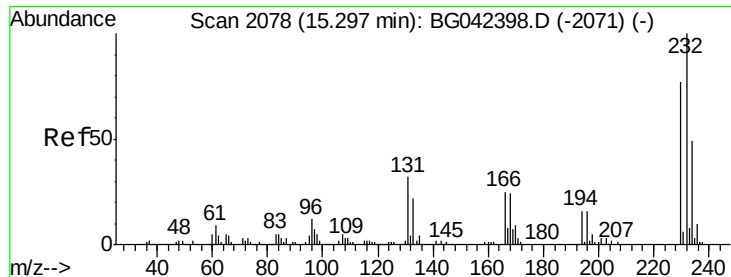
Tot Ion:165	Resp:	115594	
Ion Ratio	Lower	Upper	
165 100			
63 26.3	22.5	33.7	
89 48.2	37.8	56.6	
182 3.3	3.0	4.4	



#58
 Fluorene
 Concen: 43.635 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG042690.D
 Acq: 3 Sep 2019 15:56

Tgt	Ion:166	Resp:	339408
Ion	Ratio	Lower	Upper
166	100		
165	97.2	79.7	119.5
167	14.0	10.9	16.3

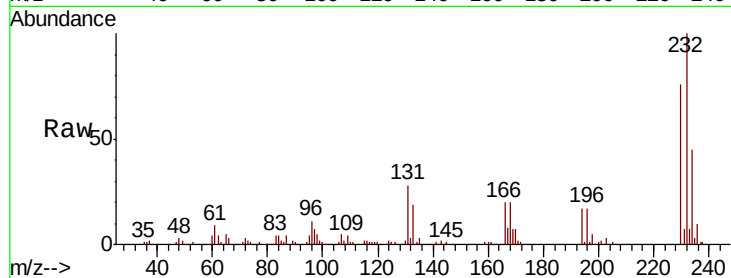




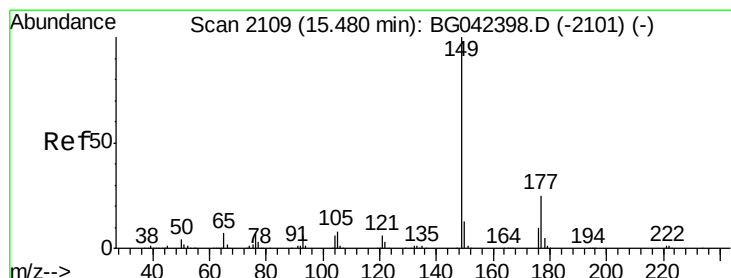
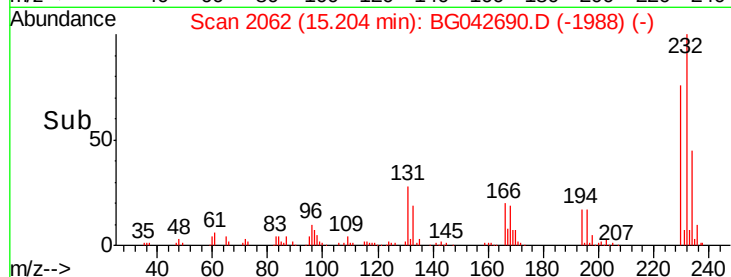
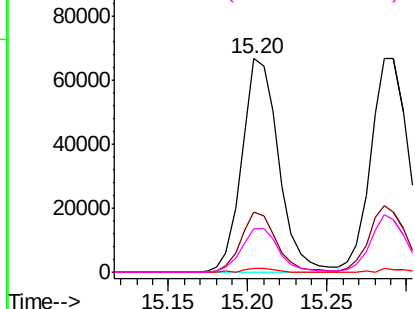
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.920 ng
 RT: 15.20 min Scan# 2062
 Delta R.T. -0.09 min
 Lab File: BG042690.D
 Acq: 3 Sep 2019 15:56

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	232	Resp:	107789
Ion	Ratio	Lower	Upper
232	100		
131	27.0	22.9	34.3
130	1.6	1.4	2.0
166	20.6	17.0	25.4

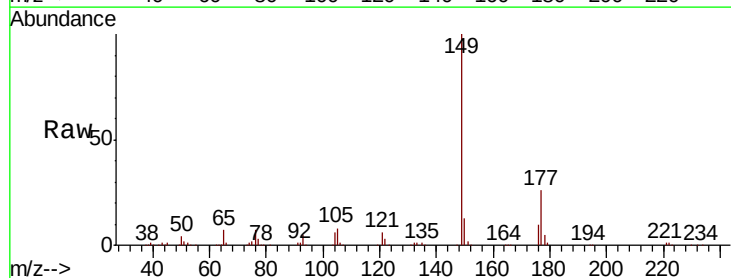


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

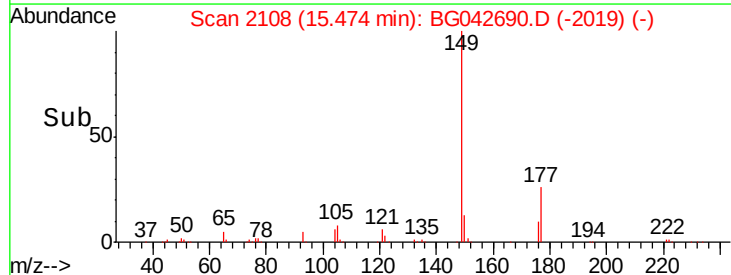
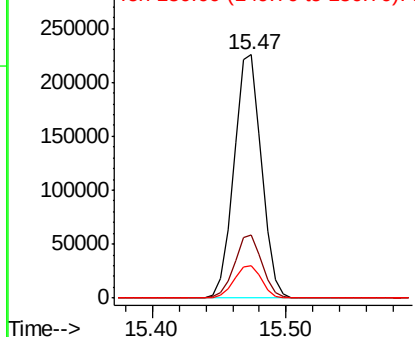


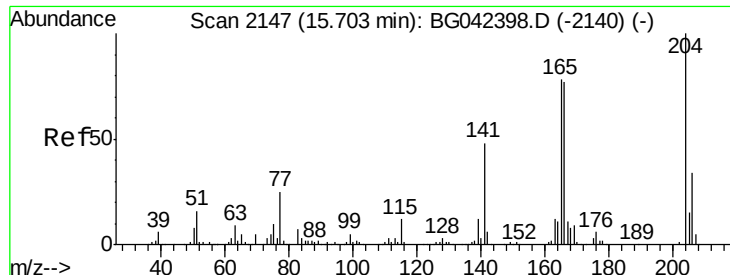
#60
 Diethylphthalate
 Concen: 40.438 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BG042690.D
 Acq: 3 Sep 2019 15:56

Tgt Ion:	149	Resp:	322011
Ion	Ratio	Lower	Upper
149	100		
177	26.1	20.4	30.6
150	13.3	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

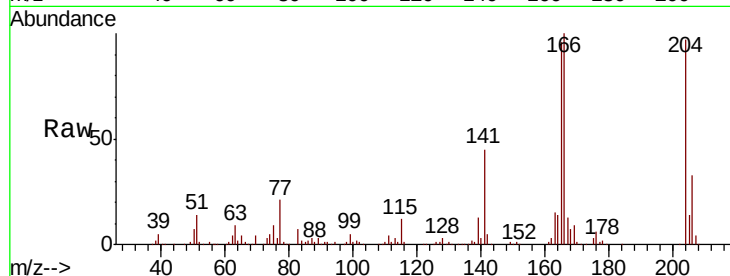




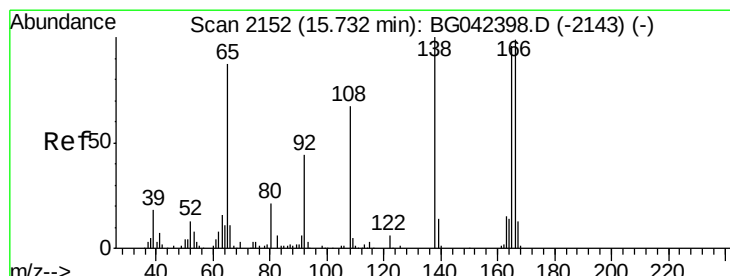
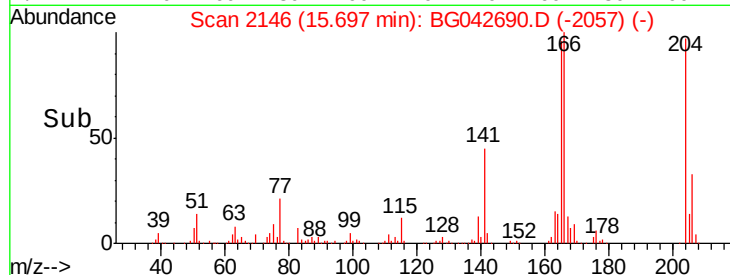
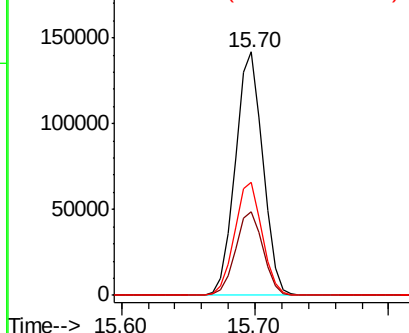
#61
4-Chlorophenyl-phenylether
Concen: 43.272 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 202896
Ion Ratio Lower Upper
204 100
206 34.4 27.2 40.8
141 46.4 38.7 58.1

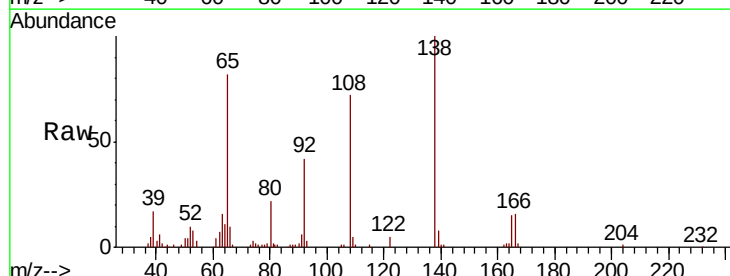


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

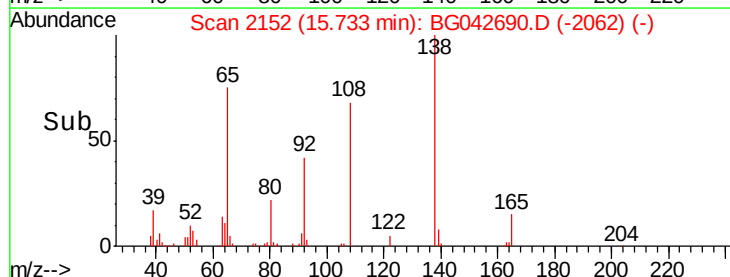
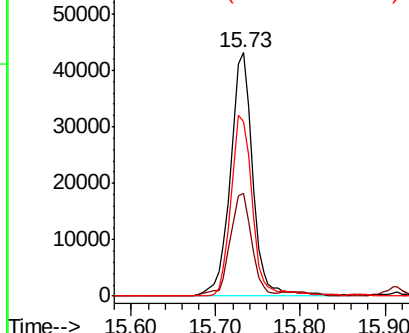


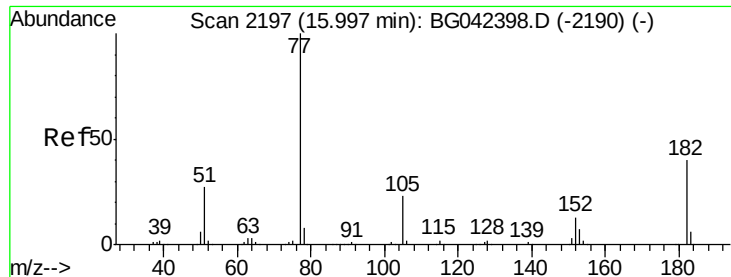
#62
4-Nitroaniline
Concen: 38.811 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Tgt Ion:138 Resp: 78437
Ion Ratio Lower Upper
138 100
92 42.2 24.2 64.2
108 71.8 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: 39.858 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 217484

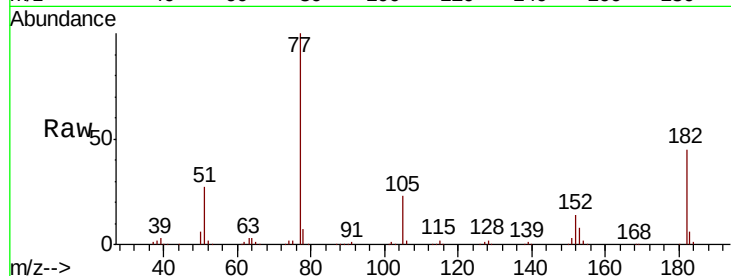
Ion Ratio Lower Upper

77 100

182 45.2 19.9 59.9

105 22.9 2.9 42.9

51 27.5 7.6 47.6

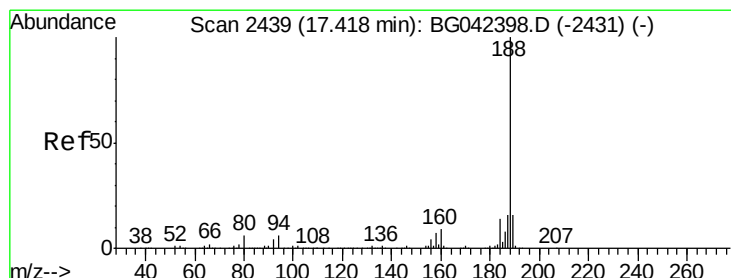
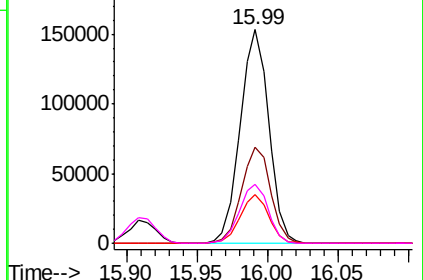
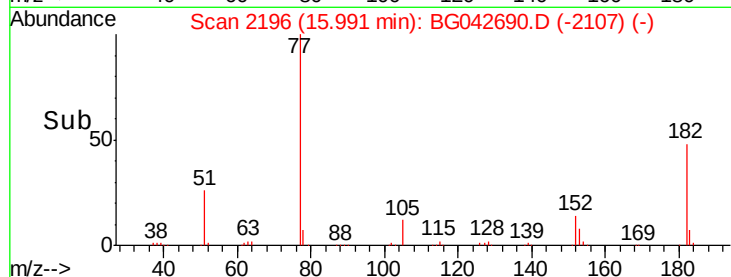


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2437

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

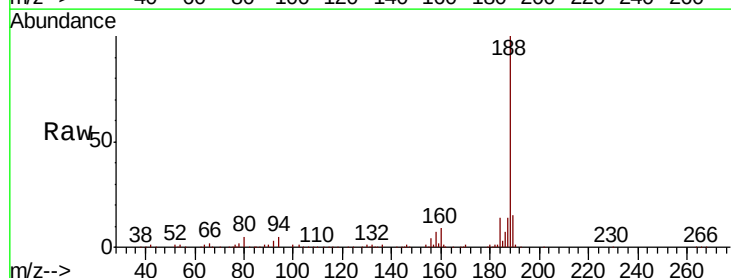
Tgt Ion: 188 Resp: 265102

Ion Ratio Lower Upper

188 100

94 4.9 4.5 6.7

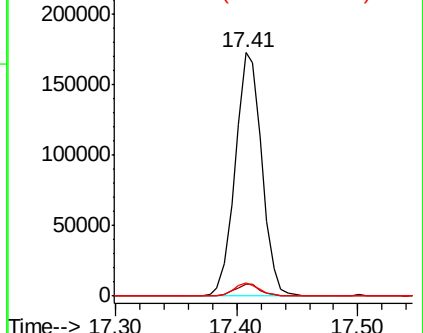
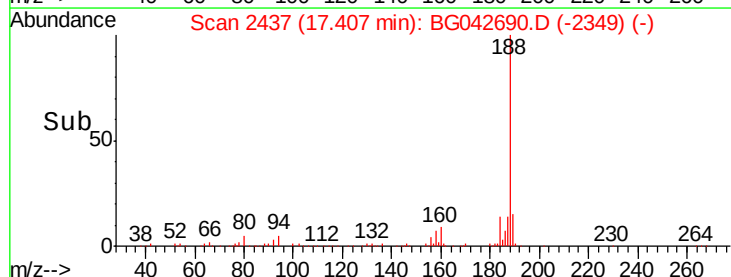
80 5.4 4.9 7.3

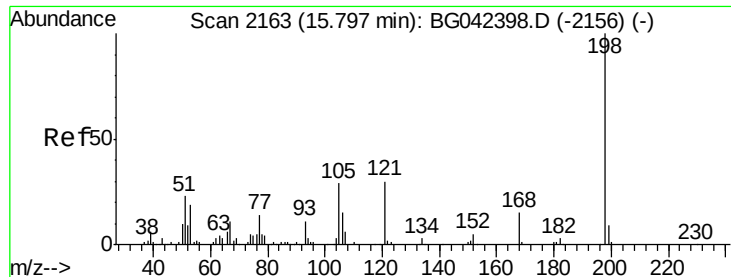


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 41.304 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

Instrument :

BNA_G

ClientSampleId :

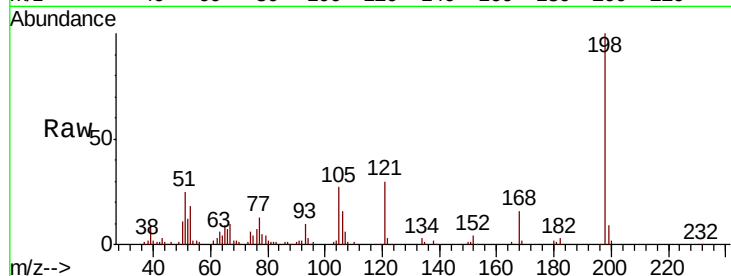
Tot Ion:198 Resp: 68651

Ion Ratio Lower Upper

198 100

51 24.7 4.2 44.2

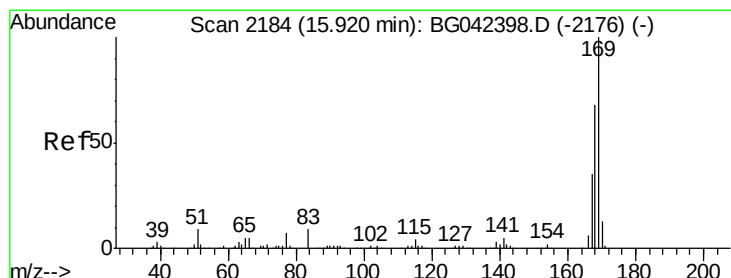
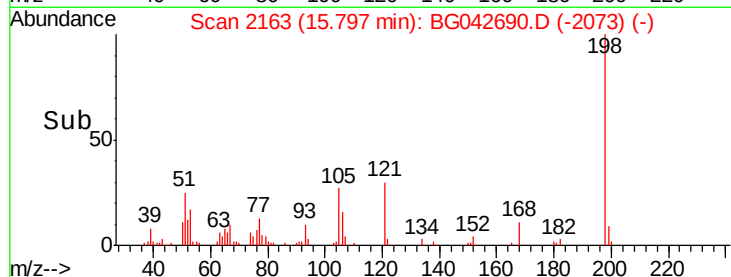
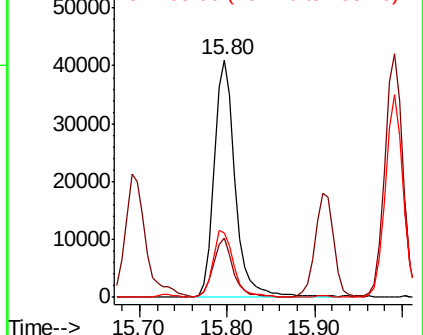
105 27.2 8.8 48.8



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: 42.678 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

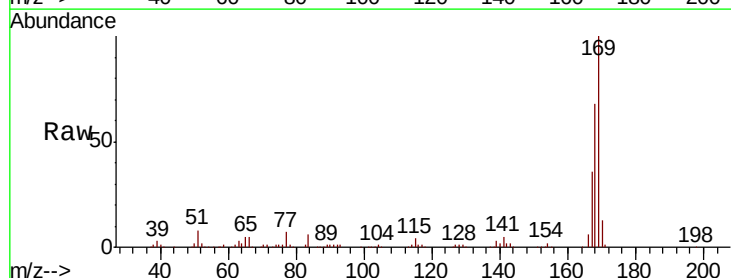
Tgt Ion:169 Resp: 311143

Ion Ratio Lower Upper

169 100

168 67.8 54.3 81.5

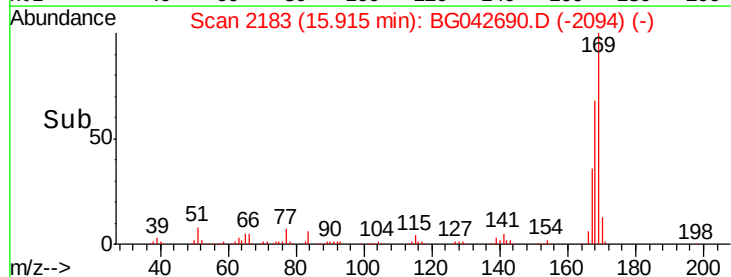
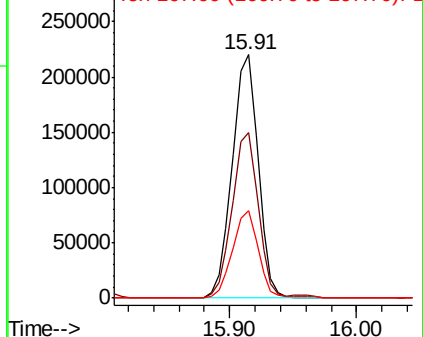
167 35.7 28.2 42.2

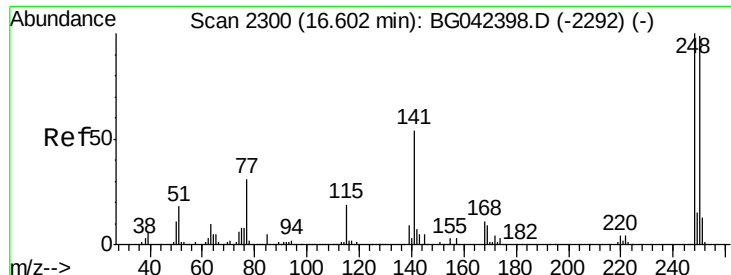


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

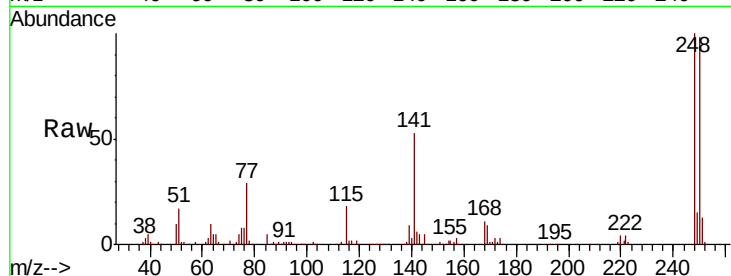




#67
 4-Bromophenyl-phenylether
 Concen: 42.673 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG042690.D
 Acq: 3 Sep 2019 15:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.9	118.3
141	53.2	43.3	64.9

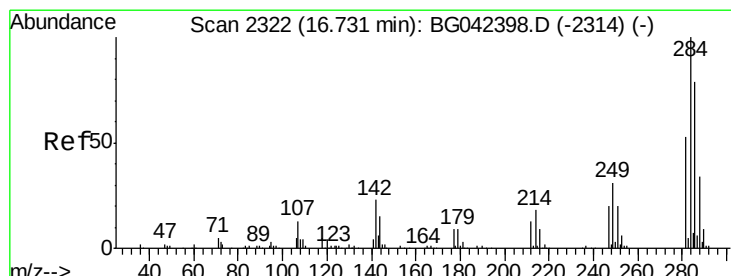
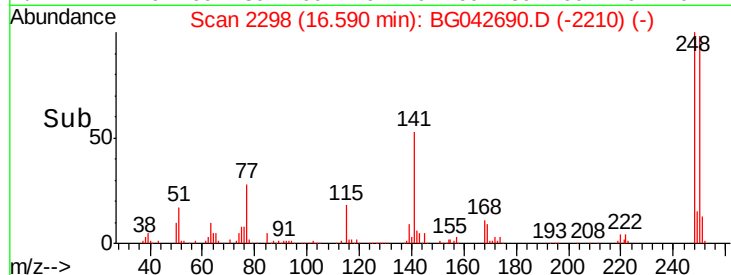
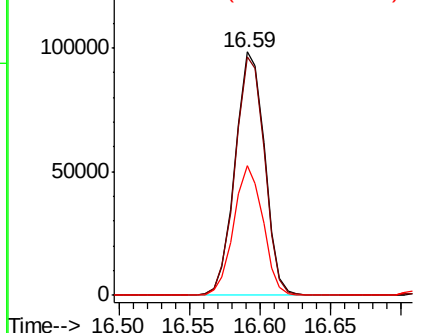


Abundance

Ion 248.00 (247.70 to 248.70): E

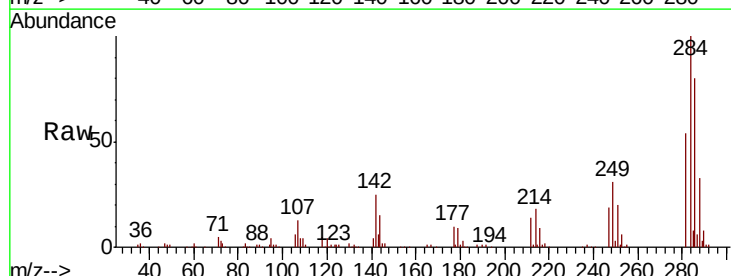
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 41.680 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG042690.D
 Acq: 3 Sep 2019 15:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.8	18.2	27.4
249	31.3	25.0	37.4

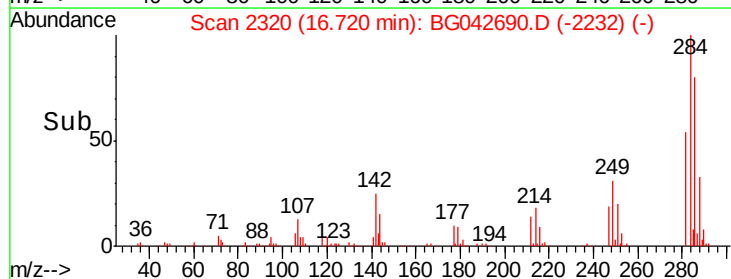
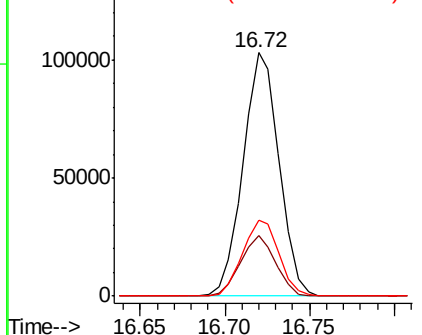


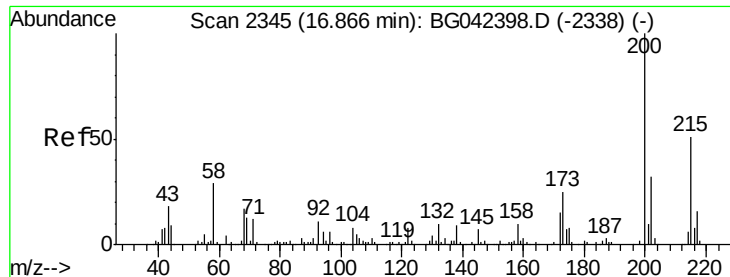
Abundance

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: 45.578 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

Instrument :

BNA_G

ClientSampled :

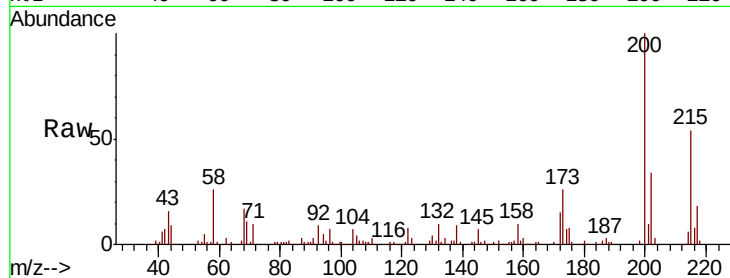
Tot Ion:200 Resp: 117507

Ion Ratio Lower Upper

200 100

173 26.1 4.9 44.9

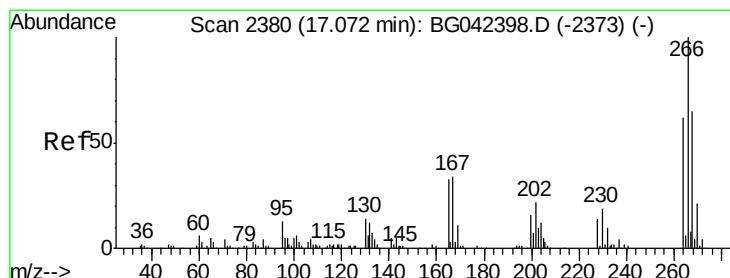
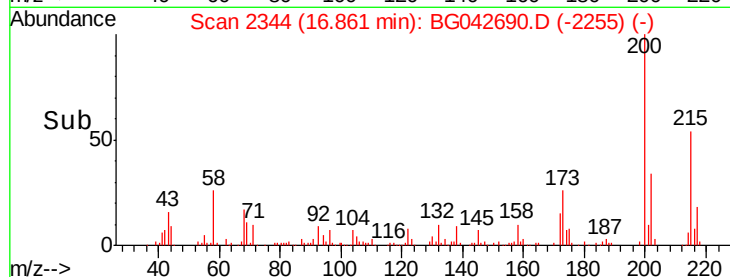
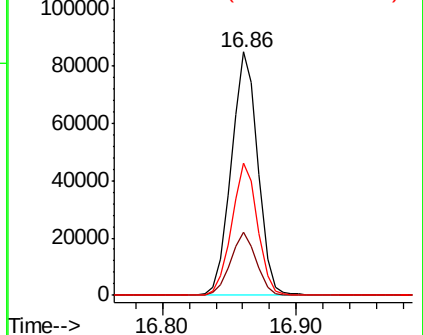
215 54.4 30.7 70.7



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: 83.249 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

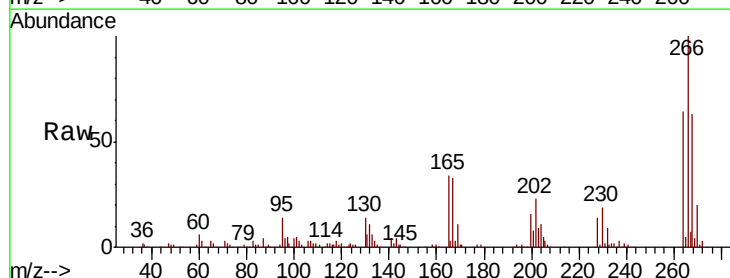
Tgt Ion:266 Resp: 158115

Ion Ratio Lower Upper

266 100

268 62.7 52.1 78.1

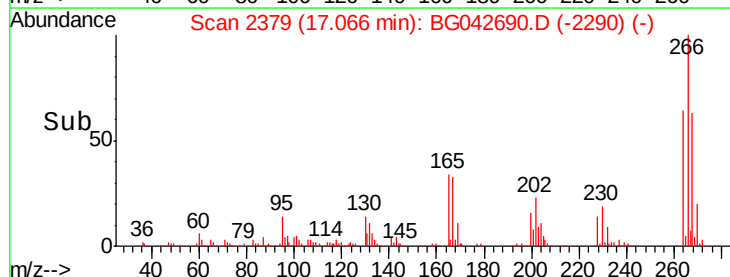
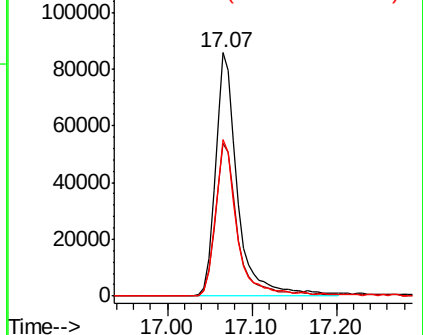
264 64.1 49.4 74.2

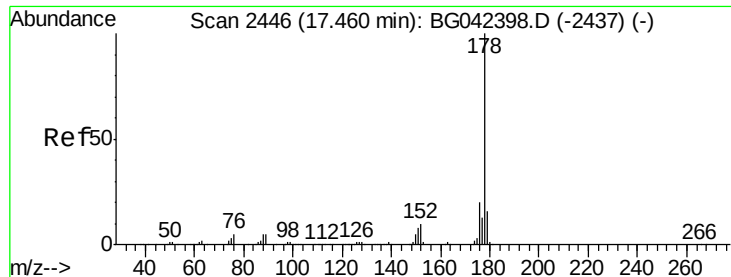


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

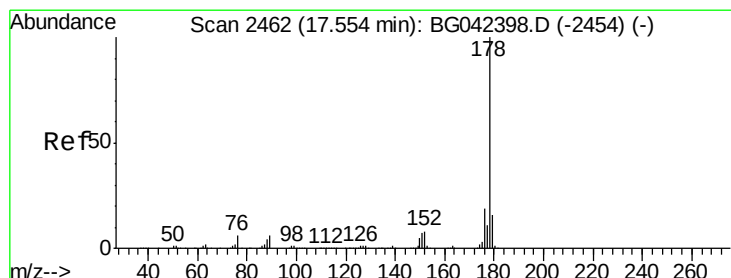
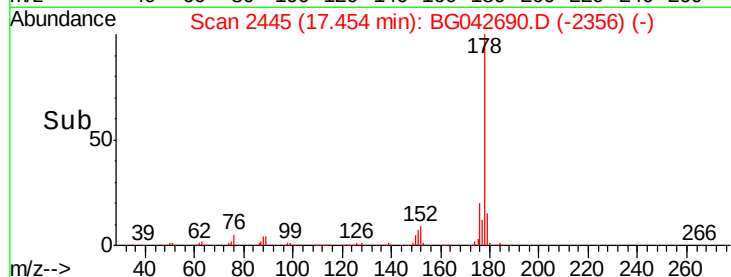
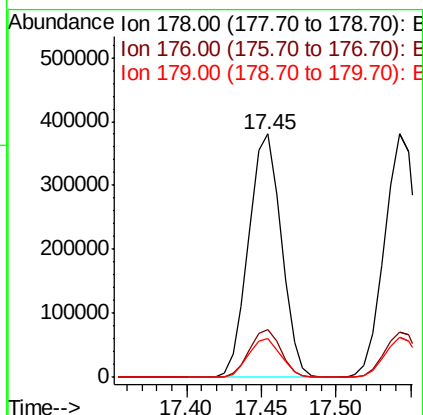
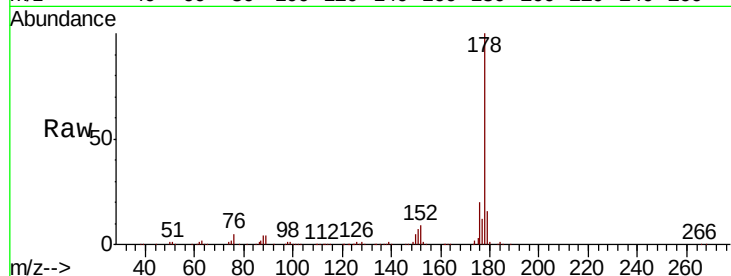




#71
Phenanthrene
Concen: 43.869 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

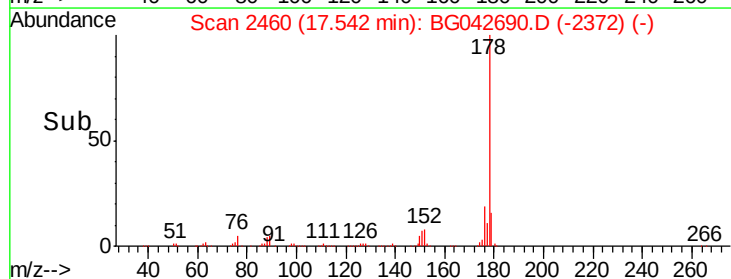
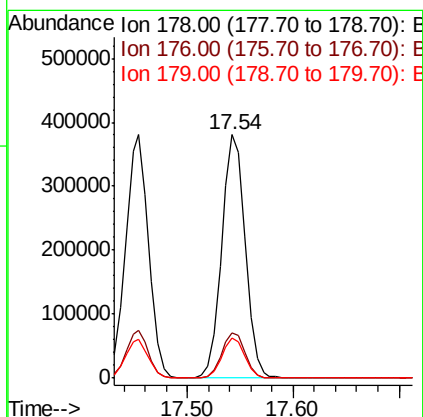
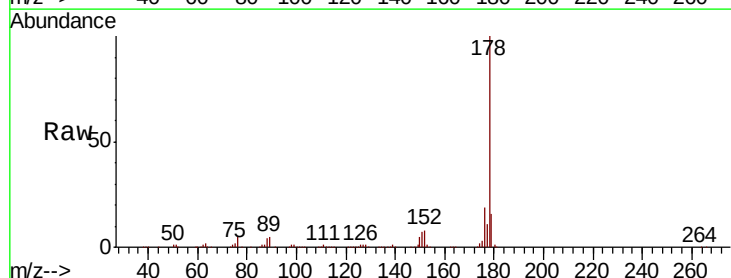
Instrument :
BNA_G
ClientSampleId :

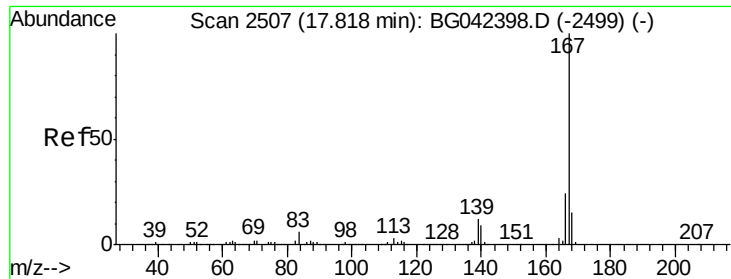
Tot Ion:178 Resp: 577671
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.8 12.7 19.1



#72
Anthracene
Concen: 44.657 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Tgt Ion:178 Resp: 587040
Ion Ratio Lower Upper
178 100
176 18.8 15.5 23.3
179 16.4 12.9 19.3

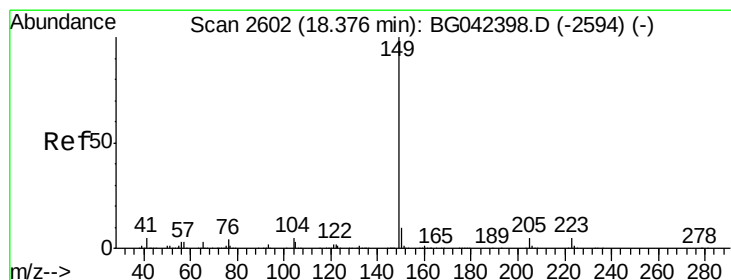
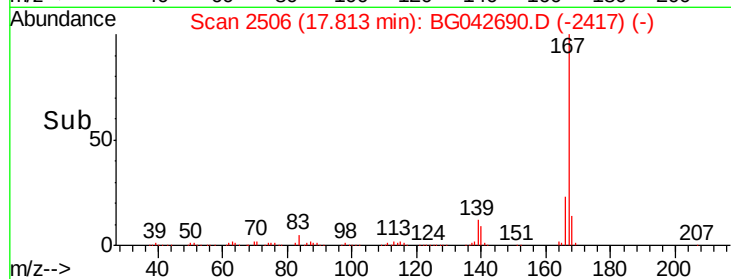
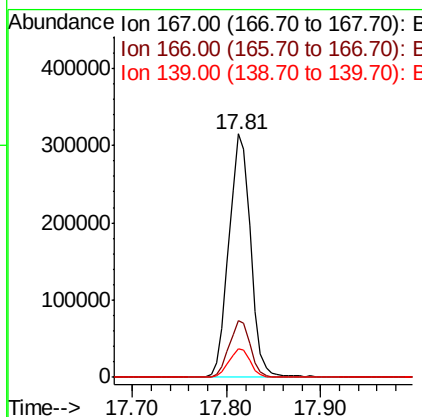
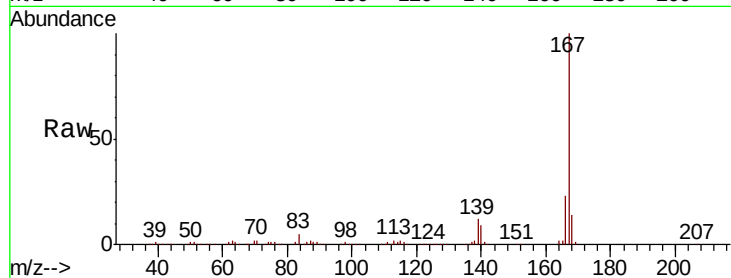




#73
 Carbazole
 Concen: 43.212 ng
 RT: 17.81 min Scan# 2506
 Delta R.T. -0.01 min
 Lab File: BG042690.D
 Acq: 3 Sep 2019 15:56

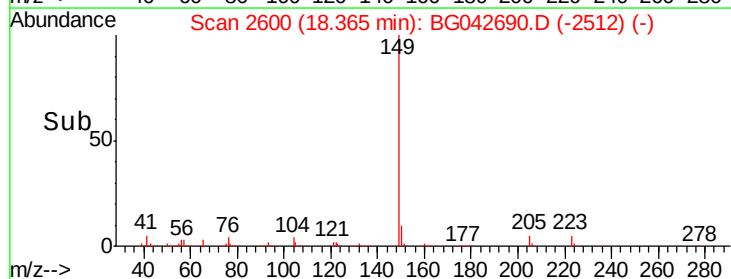
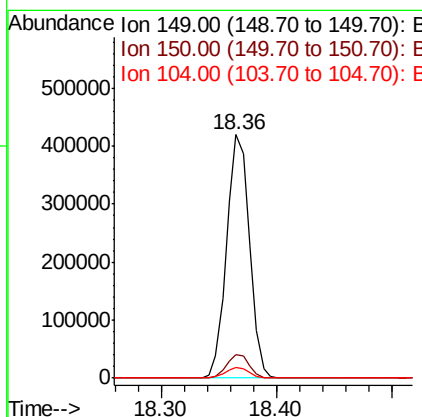
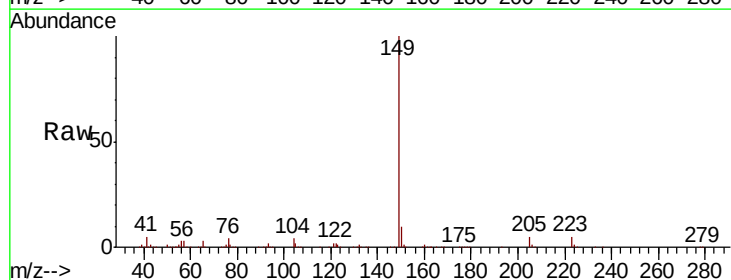
Instrument :
 BNA_G
 ClientSampleId :

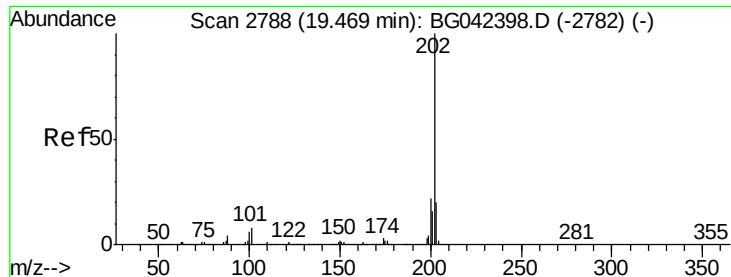
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.9	28.3
139	11.6	9.8	14.6



#74
 Di-n-butylphthalate
 Concen: 41.523 ng
 RT: 18.36 min Scan# 2600
 Delta R.T. -0.01 min
 Lab File: BG042690.D
 Acq: 3 Sep 2019 15:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.1	12.1
104	4.4	3.7	5.5





#75

Fluoranthene

Concen: 46.112 ng

RT: 19.46 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

Instrument :

BNA_G

ClientSampleId :

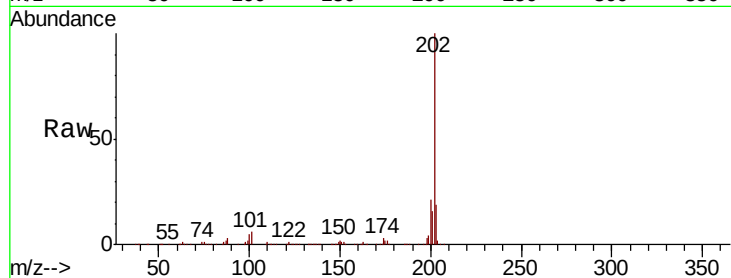
Tot Ion:202 Resp: 741056

Ion Ratio Lower Upper

202 100

101 6.3 0.0 28.3

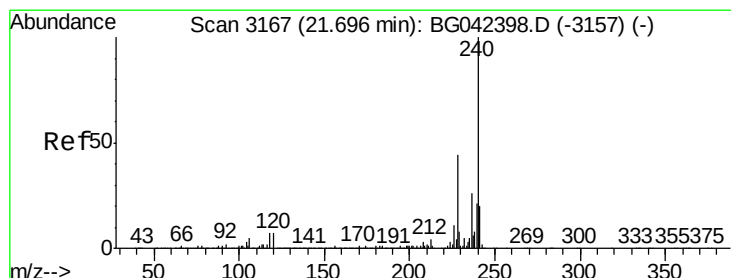
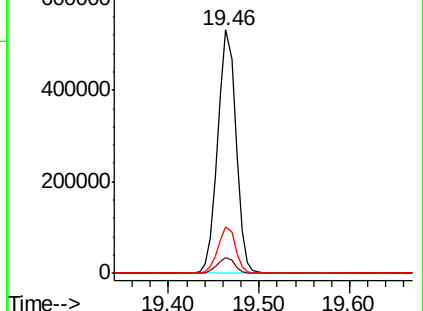
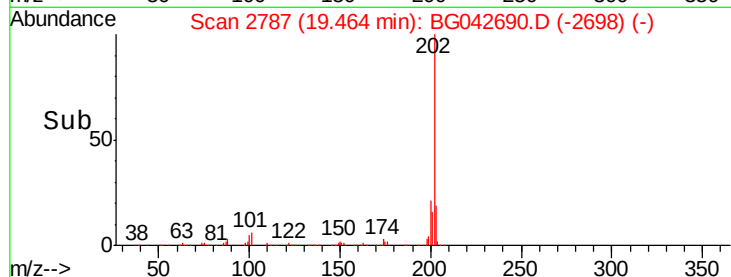
203 19.1 0.0 39.6



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: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

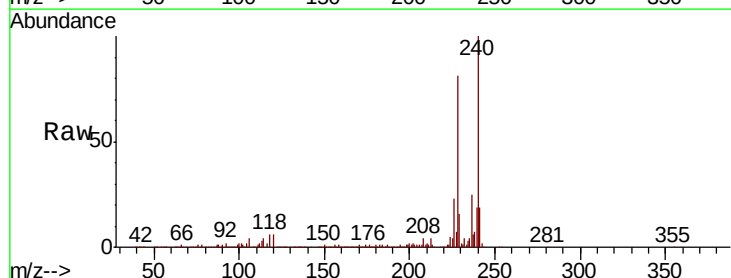
Tgt Ion:240 Resp: 278635

Ion Ratio Lower Upper

240 100

120 5.7 5.7 8.5#

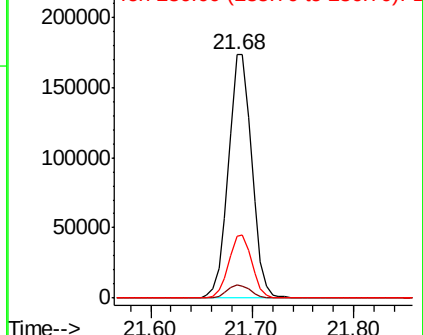
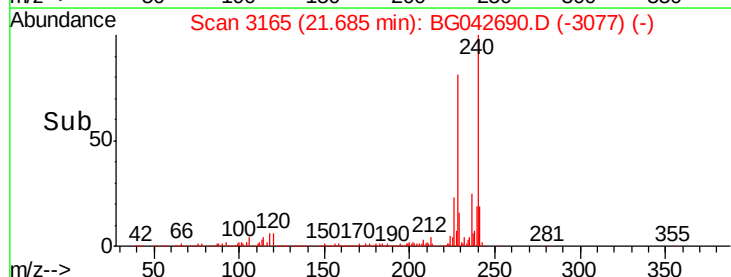
236 25.4 21.0 31.4

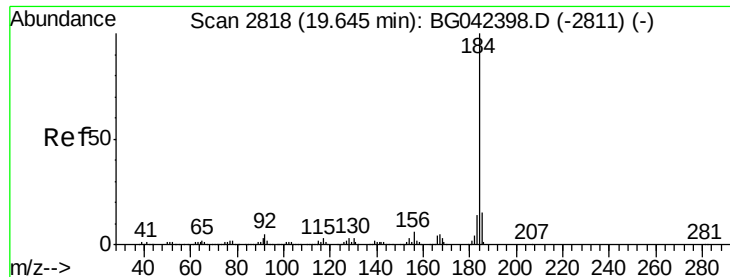


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.158 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

Instrument :

BNA_G

ClientSampled :

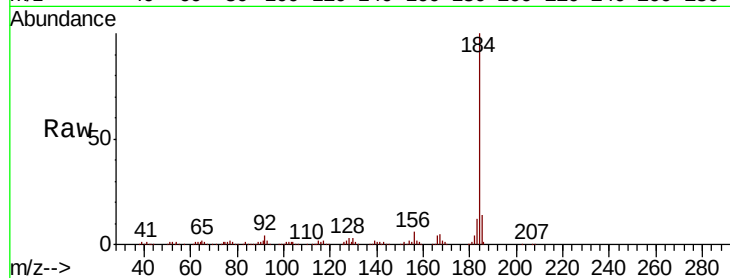
Tot Ion:184 Resp: 288853

Ion Ratio Lower Upper

184 100

185 14.5 12.2 18.4

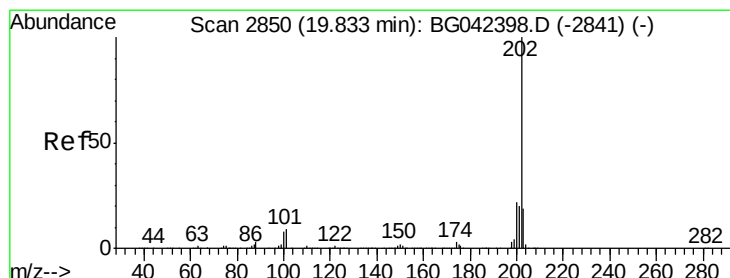
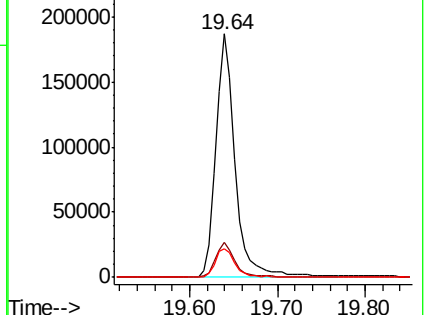
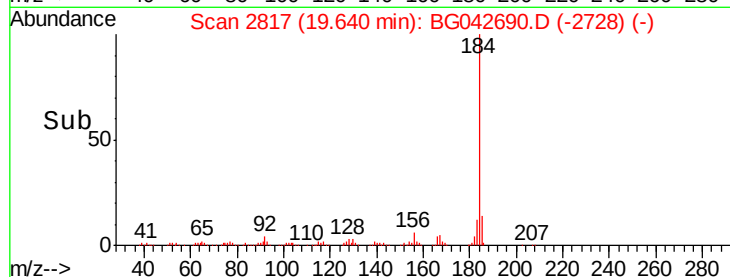
183 11.9 10.8 16.2



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: 43.753 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

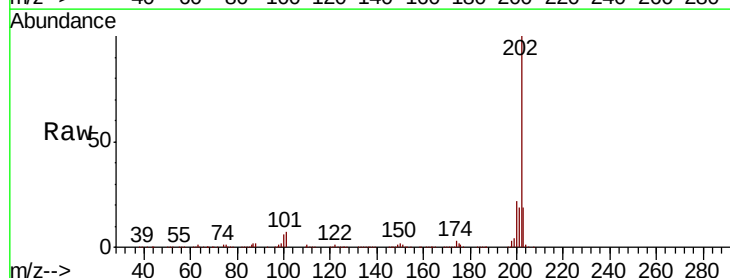
Tgt Ion:202 Resp: 747437

Ion Ratio Lower Upper

202 100

200 21.9 17.8 26.6

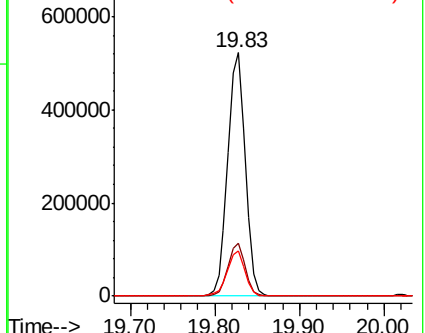
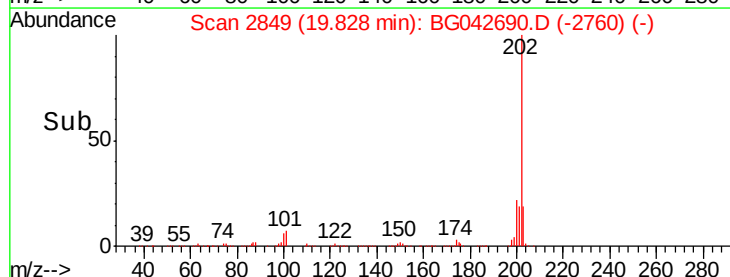
203 18.8 15.5 23.3

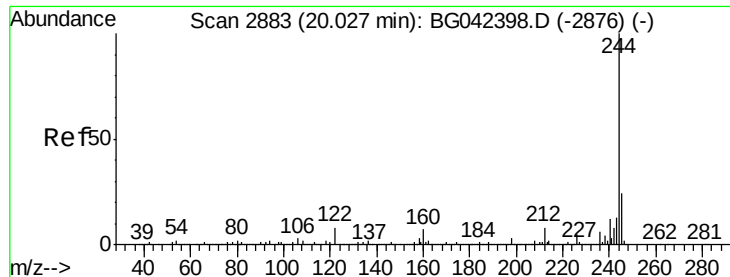


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.229 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

Instrument :

BNA_G

ClientSampled :

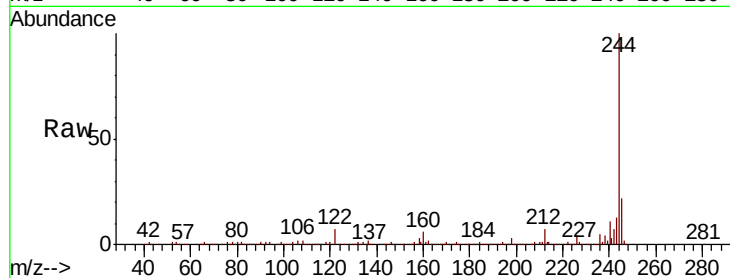
Tot Ion:244 Resp: 1072688

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

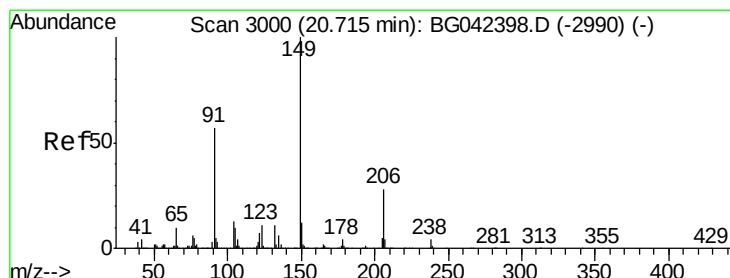
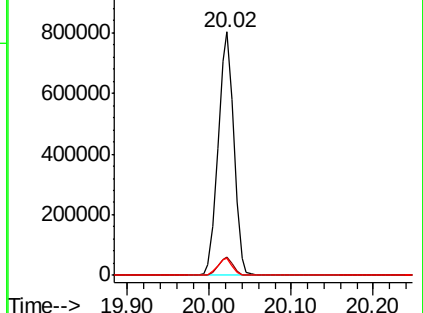
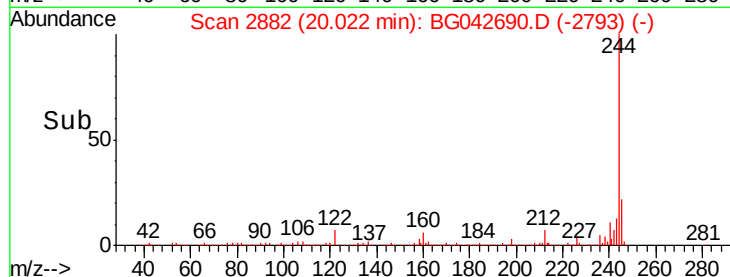
122 6.9 6.7 10.1



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: 39.938 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

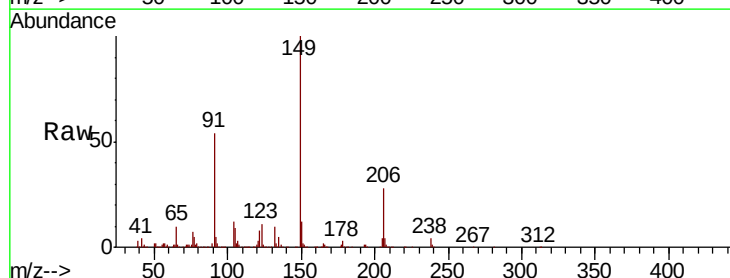
Tgt Ion:149 Resp: 268348

Ion Ratio Lower Upper

149 100

91 53.5 45.9 68.9

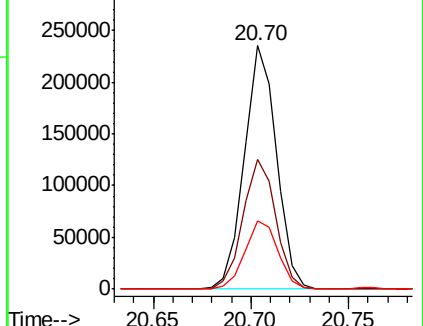
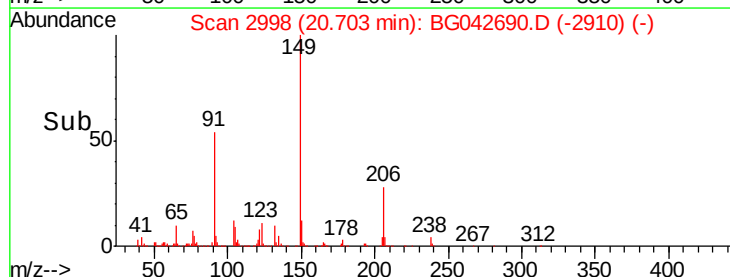
206 28.2 22.5 33.7

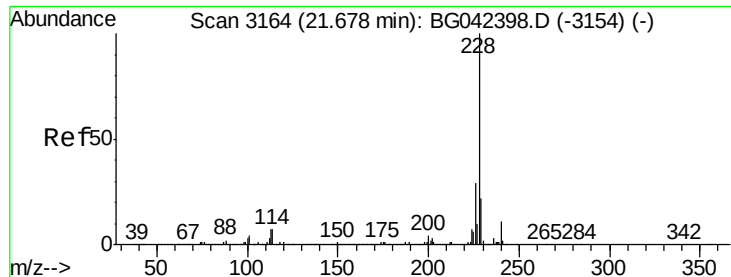


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.168 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

Instrument :

BNA_G

ClientSampleId :

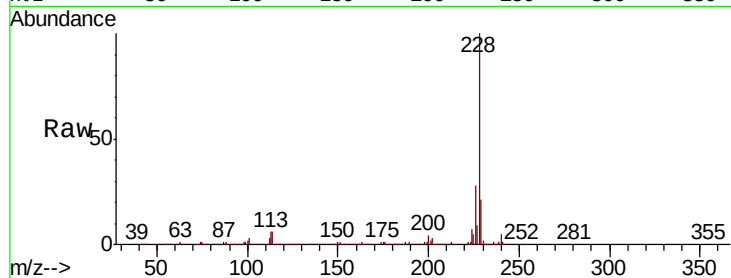
Tot Ion:228 Resp: 748637

Ion Ratio Lower Upper

228 100

226 28.4 23.4 35.2

229 20.8 17.4 26.2

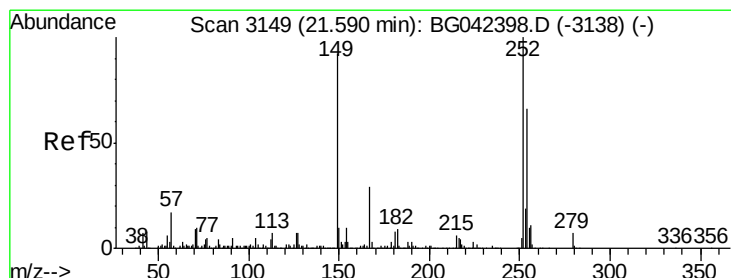
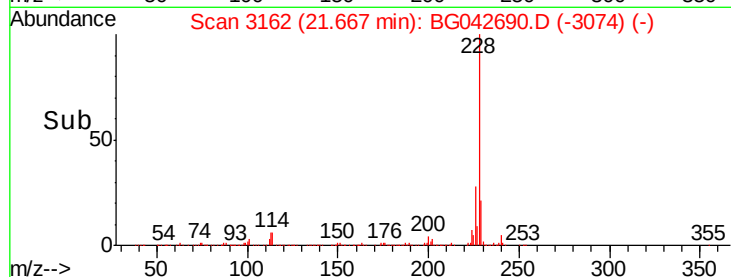
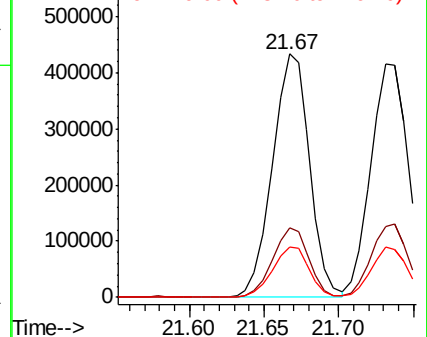


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.816 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

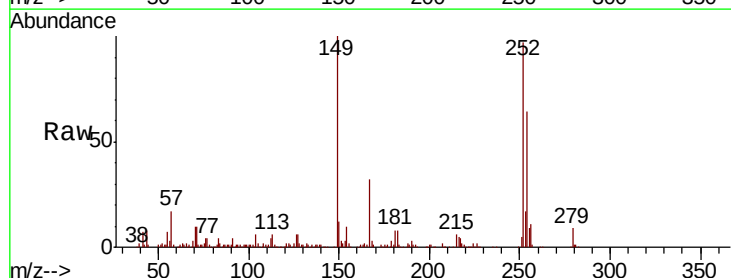
Tgt Ion:252 Resp: 189619

Ion Ratio Lower Upper

252 100

254 65.5 53.0 79.4

126 6.3 5.7 8.5

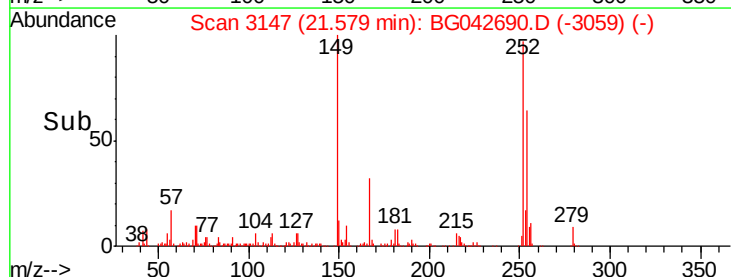
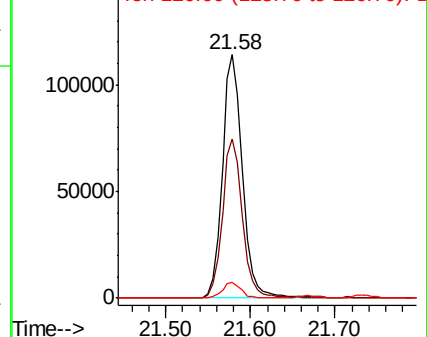


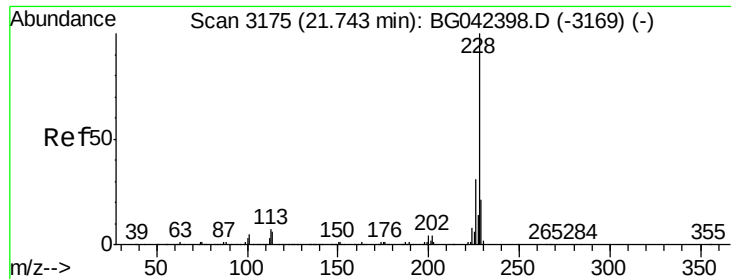
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

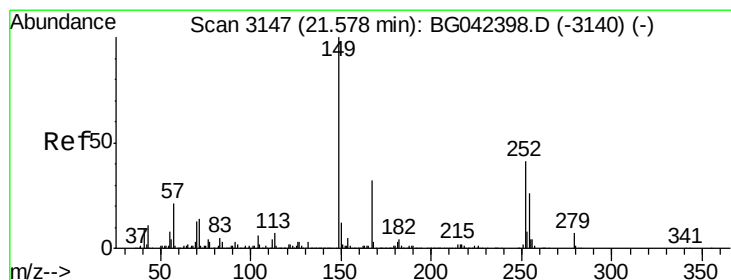
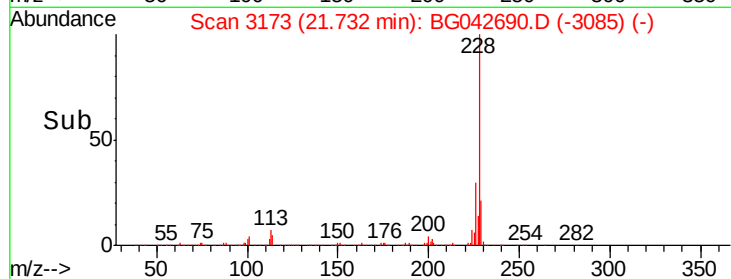
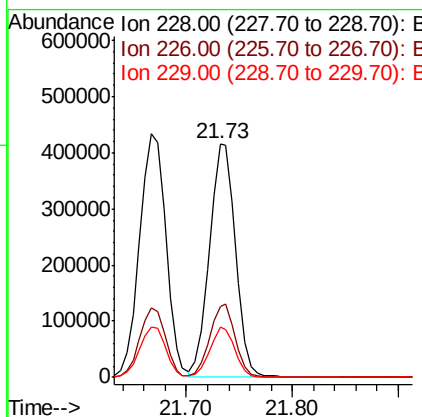
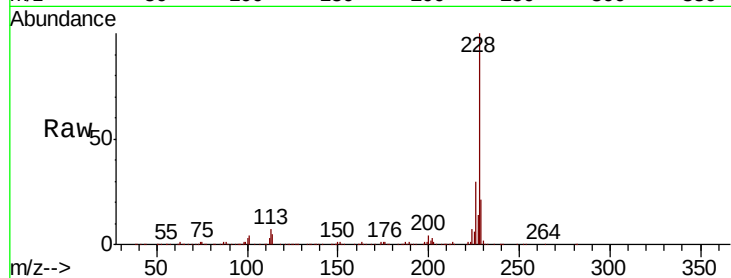




#83
 Chrysene
 Concen: 43.823 ng
 RT: 21.73 min Scan# 3173
 Delta R.T. -0.01 min
 Lab File: BG042690.D
 Acq: 3 Sep 2019 15:56

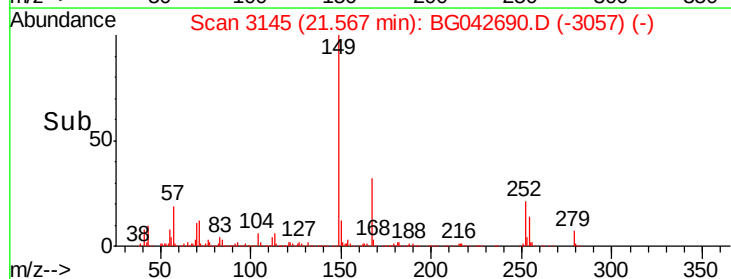
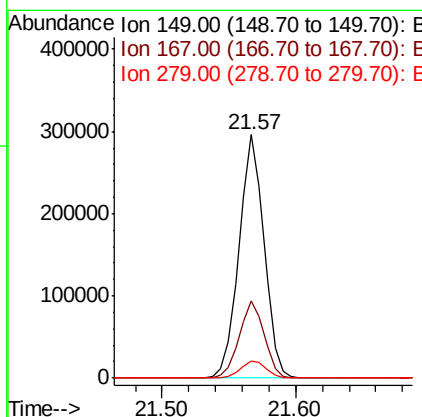
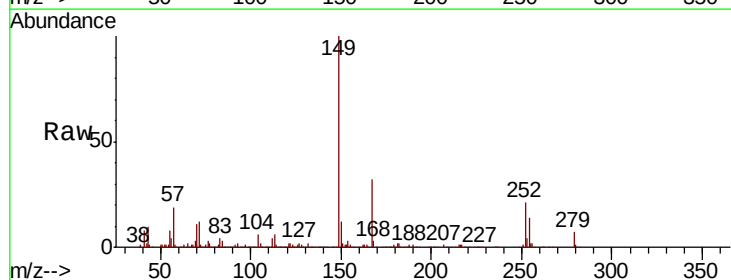
Instrument :
 BNA_G
 ClientSampleId :

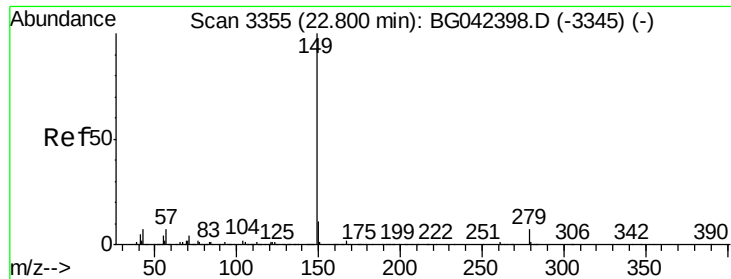
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	21.4	16.9	25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.252 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG042690.D
 Acq: 3 Sep 2019 15:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.8	26.0	39.0
279	7.1	5.4	8.0

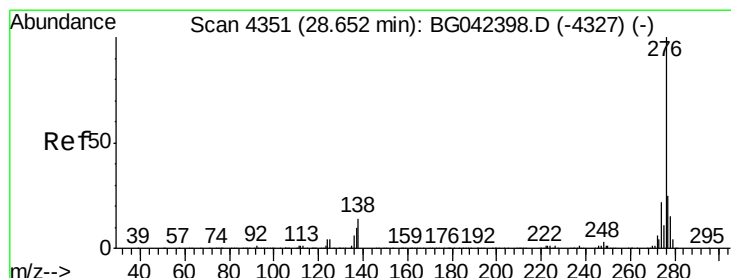
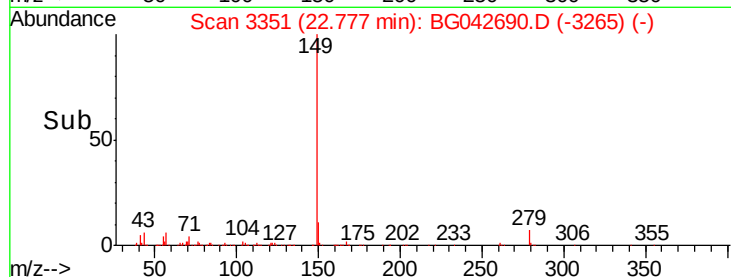
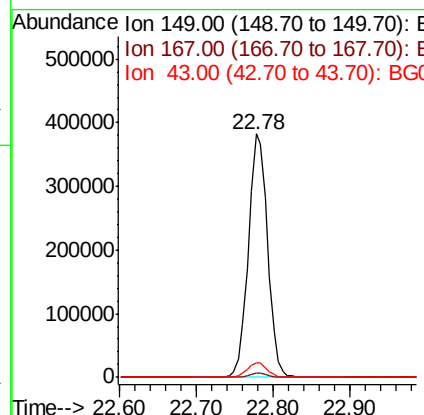
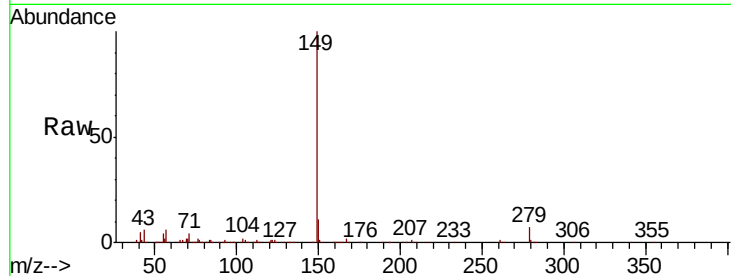




#85
Di-n-octyl phthalate
Concen: 41.421 ng
RT: 22.78 min Scan# 3351
Delta R.T. -0.02 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

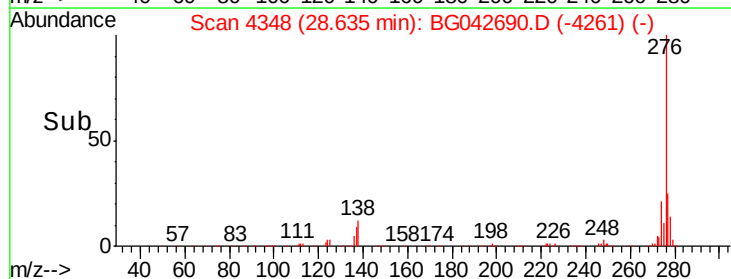
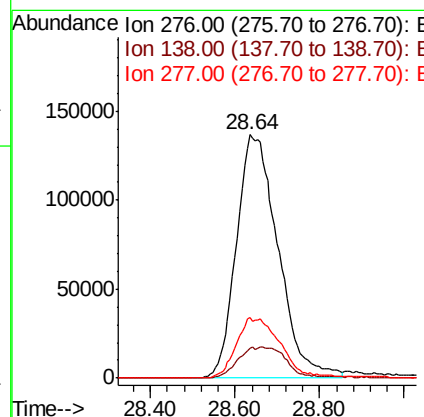
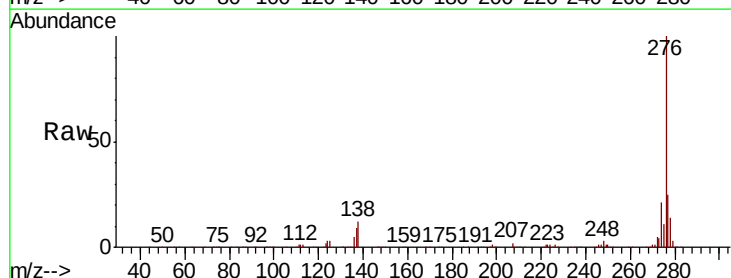
Instrument :
BNA_G
ClientSampled :

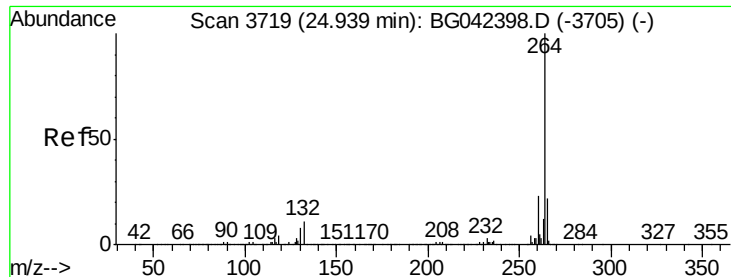
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.6	2.4
43	6.1	5.3	7.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.968 ng
RT: 28.64 min Scan# 4348
Delta R.T. -0.02 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	5.5	9.2	13.8#
277	10.1	21.0	31.6#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

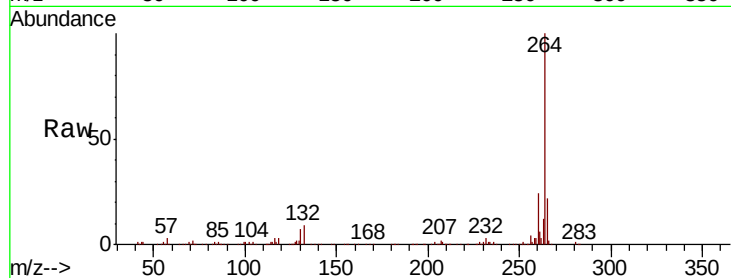
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 341718

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	22.2	17.6	26.4

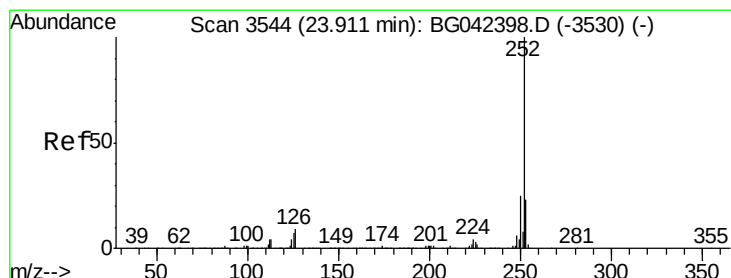
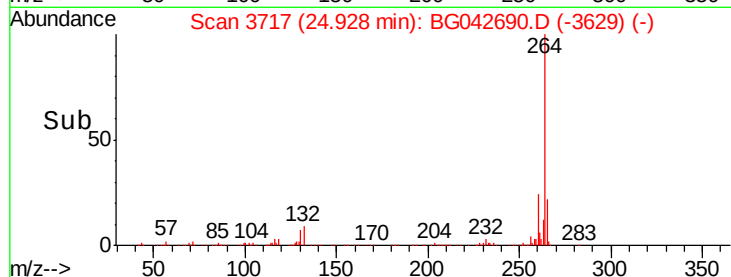
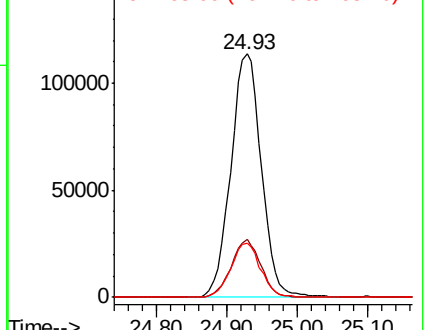


Abundance

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: 43.462 ng

RT: 23.90 min Scan# 3542

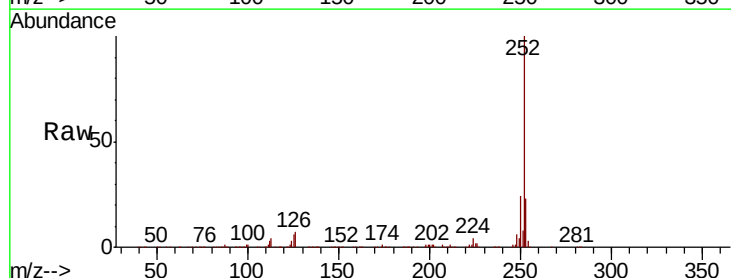
Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

Tgt Ion:252 Resp: 816502

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.6	27.8
125	5.7	5.6	8.4

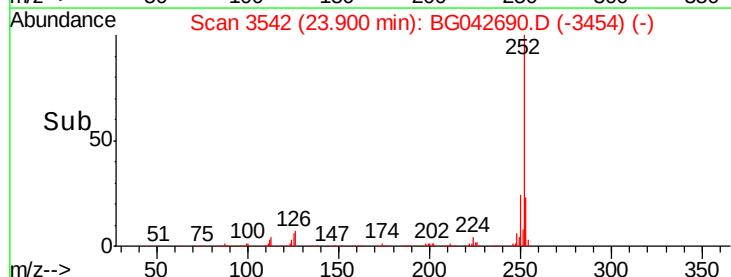
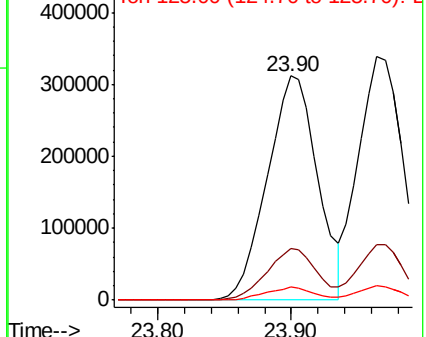


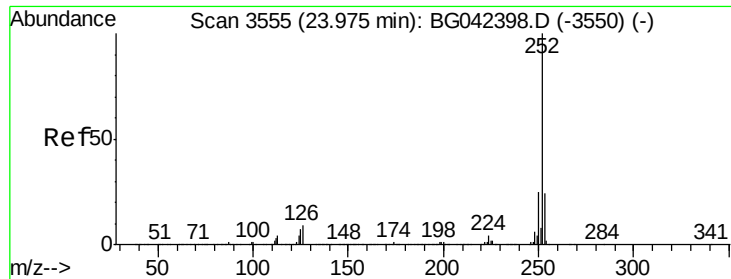
Abundance

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

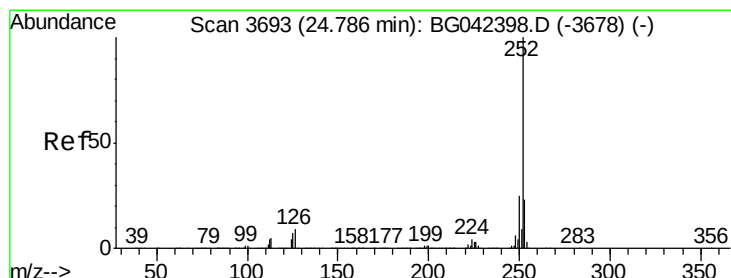
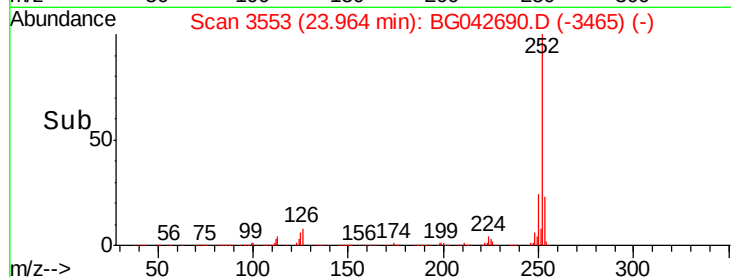
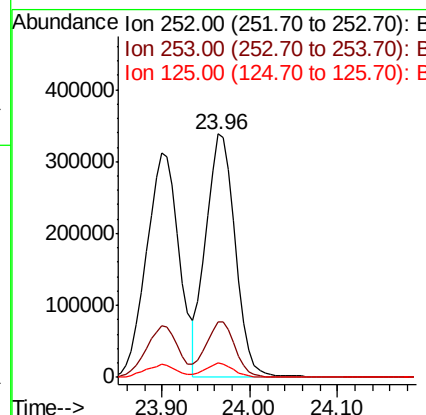
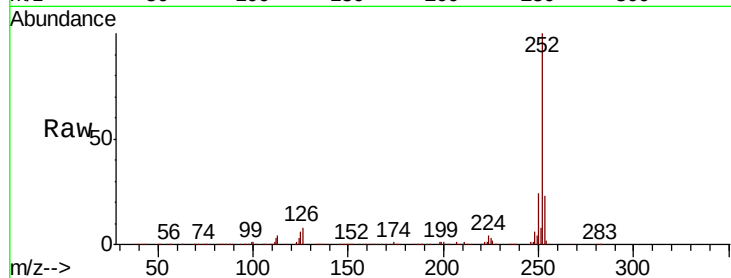




#89
Benzo(k)fluoranthene
Concen: 43.812 ng
RT: 23.96 min Scan# 3553
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

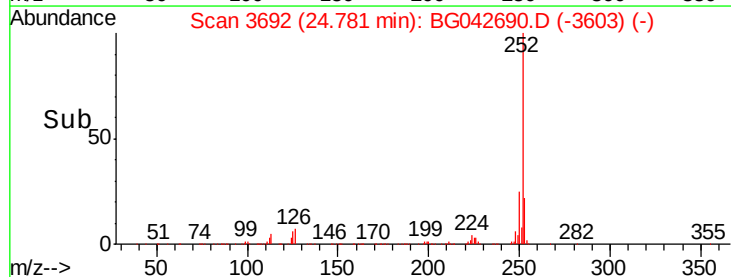
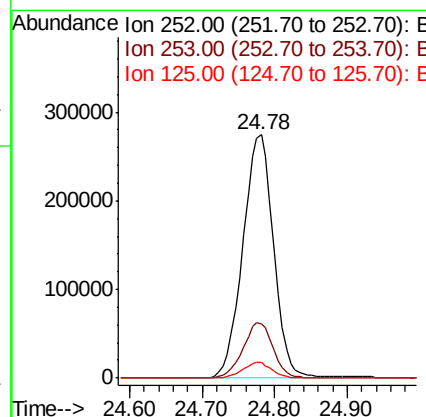
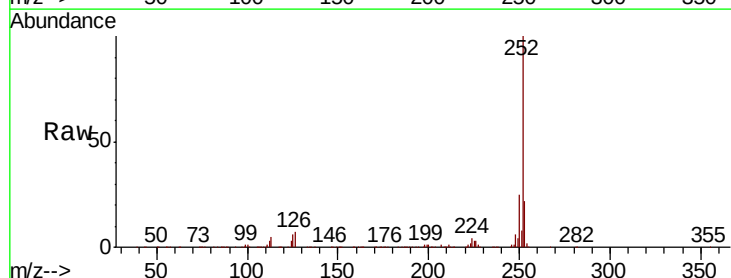
Instrument :
BNA_G
ClientSampleId :

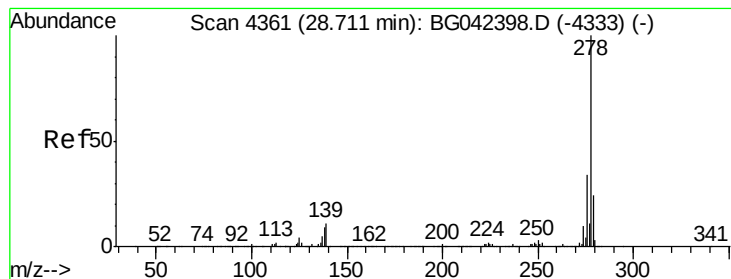
Tot Ion:252 Resp: 791149
Ion Ratio Lower Upper
252 100
253 22.8 18.6 27.8
125 5.8 5.8 8.6



#90
Benzo(a)pyrene
Concen: 45.259 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.01 min
Lab File: BG042690.D
Acq: 3 Sep 2019 15:56

Tgt Ion:252 Resp: 806817
Ion Ratio Lower Upper
252 100
253 22.3 18.4 27.6
125 6.3 6.0 9.0





#91

Dibenzo(a,h)anthracene

Concen: 43.643 ng

RT: 28.71 min Scan# 4360

Delta R.T. -0.01 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

Instrument :

BNA_G

ClientSampleId :

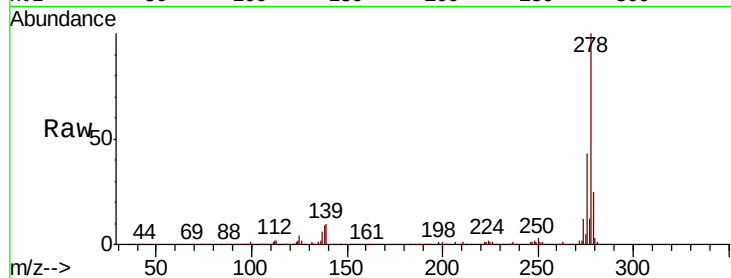
Tot Ion:278 Resp: 787745

Ion Ratio Lower Upper

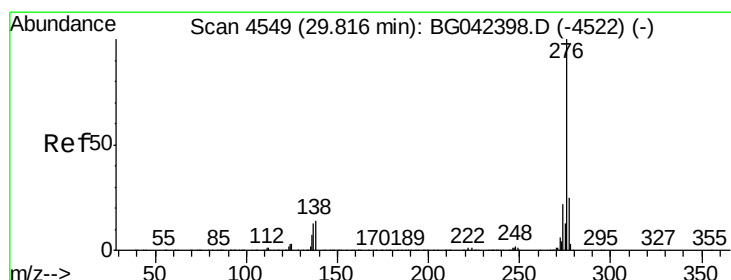
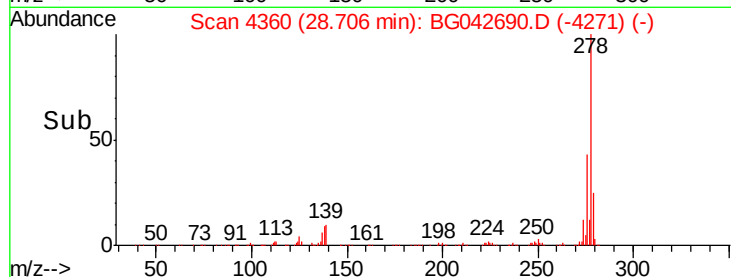
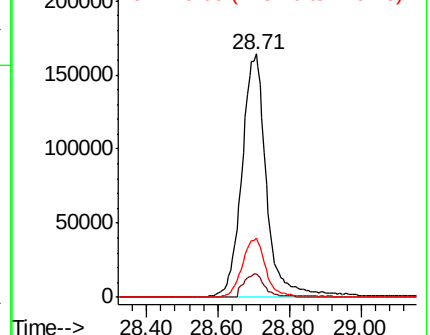
278 100

139 9.6 8.8 13.2

279 24.6 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.018 ng

RT: 29.80 min Scan# 4546

Delta R.T. -0.02 min

Lab File: BG042690.D

Acq: 3 Sep 2019 15:56

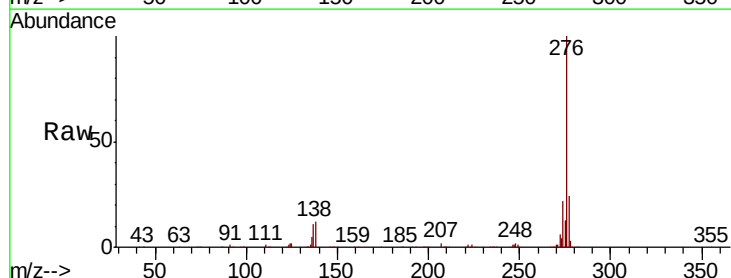
Tgt Ion:276 Resp: 776573

Ion Ratio Lower Upper

276 100

277 24.0 19.8 29.8

138 12.5 11.4 17.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

