

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
 Data File : BG042724.D
 Acq On : 5 Sep 2019 17:29
 Operator : HP/JU
 Sample : PB122826BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 05 18:45:01 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	8.00	152	45008	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	164912	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	117267	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	283433	20.00	ng	0.00
76) Chrysene-d12	21.69	240	335505	20.00	ng	0.00
87) Perylene-d12	24.93	264	406558	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	205036	92.26	ng	0.00
7) Phenol-d6	7.16	99	256042	85.30	ng	0.00
23) Nitrobenzene-d5	9.17	82	142889	59.88	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	165389	99.23	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	471598	68.02	ng	0.00
79) Terphenyl-d14	20.02	244	1011106	65.15	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.41	88	21021	22.666	ng	99
3) Pyridine	3.82	79	46948	19.742	ng	97
4) n-Nitrosodimethylamine	3.74	42	24115	28.392	ng	99
6) Aniline	7.32	93	72130	18.016	ng	98
8) 2-Chlorophenol	7.56	128	78075	28.989	ng	99
9) Benzaldehyde	7.13	77	43444	28.908	ng	97
10) Phenol	7.19	94	82718	27.102	ng	91
11) bis(2-Chloroethyl)ether	7.41	93	59985	25.025	ng	96
12) 1,3-Dichlorobenzene	7.89	146	92877	27.108	ng	98
13) 1,4-Dichlorobenzene	8.03	146	95282	27.455	ng	97
14) 1,2-Dichlorobenzene	8.36	146	88564	26.648	ng	98
15) Benzyl Alcohol	8.24	79	56520	26.171	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	74465	22.921	ng	97
17) 2-Methylphenol	8.45	107	59566	26.497	ng	95
18) Hexachloroethane	9.08	117	31040	26.126	ng	93
19) n-Nitroso-di-n-propylamine	8.80	70	44167	22.711	ng	91
20) 3+4-Methylphenols	8.78	107	80426	25.855	ng	97
22) Acetophenone	8.83	105	105159	29.814	ng	# 99
24) Nitrobenzene	9.21	77	68071	28.168	ng	97
25) Isophorone	9.74	82	125797	26.710	ng	96
26) 2-Nitrophenol	9.92	139	45613	30.119	ng	96
27) 2,4-Dimethylphenol	9.99	122	67610	32.410	ng	96
28) bis(2-Chloroethoxy)methane	10.22	93	78135	26.322	ng	97
29) 2,4-Dichlorophenol	10.47	162	86841	31.818	ng	97
30) 1,2,4-Trichlorobenzene	10.68	180	103719	30.960	ng	96
31) Naphthalene	10.87	128	224713	29.350	ng	98
32) Benzoic acid	10.15	122	20157	19.217	ng	90
33) 4-Chloroaniline	10.98	127	48911	13.838	ng	97
34) Hexachlorobutadiene	11.16	225	69429	30.837	ng	95
35) Caprolactam	11.75	113	19711	21.643	ng	94
36) 4-Chloro-3-methylphenol	12.11	107	74336	28.691	ng	99
37) 2-Methylnaphthalene	12.48	142	180740	29.399	ng	100
38) 1-Methylnaphthalene	12.70	142	170479	29.194	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	126499	33.591	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	126037	63.714	ng	100
43) 2,4,6-Trichlorophenol	13.09	196	76845	30.189	ng	93
44) 2,4,5-Trichlorophenol	13.17	196	82167	31.149	ng	96
46) 1,1'-Biphenyl	13.48	154	236362	31.181	ng	96
47) 2-Chloronaphthalene	13.53	162	195279	29.877	ng	98
48) 2-Nitroaniline	13.74	65	41440	26.292	ng	96
49) Acenaphthylene	14.38	152	302696	30.782	ng	100
50) Dimethylphthalate	14.11	163	246620	29.147	ng	100
51) 2,6-Dinitrotoluene	14.23	165	58207	29.679	ng	94
52) Acenaphthene	14.72	154	175910	29.461	ng	98
53) 3-Nitroaniline	14.56	138	33283	16.969	ng	97
54) 2,4-Dinitrophenol	14.78	184	61700	49.278	ng	99
55) Dibenzofuran	15.06	168	304943	30.853	ng	100
56) 4-Nitrophenol	14.89	139	78825	56.556	ng	95
57) 2,4-Dinitrotoluene	15.02	165	86032	30.633	ng	99
58) Fluorene	15.71	166	249270	30.852	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.21	232	74503	28.560	ng	99
60) Diethylphthalate	15.47	149	241347	29.179	ng	99
61) 4-Chlorophenyl-phenylether	15.69	204	149395	30.674	ng	98
62) 4-Nitroaniline	15.73	138	62741	29.888	ng	93
63) Azobenzene	15.99	77	155770	27.484	ng	96
65) 4,6-Dinitro-2-methylphenol	15.80	198	56356	31.714	ng	97
66) n-Nitrosodiphenylamine	15.91	169	233258	29.926	ng	99
67) 4-Bromophenyl-phenylether	16.59	248	106861	29.724	ng	96
68) Hexachlorobenzene	16.72	284	115854	29.644	ng	99
69) Atrazine	16.86	200	94200	34.175	ng	98
70) Pentachlorophenol	17.07	266	115477	56.867	ng	97
71) Phenanthrene	17.45	178	443139	31.476	ng	98
72) Anthracene	17.54	178	458295	32.608	ng	98
73) Carbazole	17.81	167	409246	32.671	ng	98
74) Di-n-butylphthalate	18.37	149	470139	31.751	ng	99
75) Fluoranthene	19.47	202	627652	36.530	ng	96
77) Benzidine	19.64	184	216823	22.541	ng	98
78) Pyrene	19.82	202	637676	31.001	ng	98
80) Butylbenzylphthalate	20.71	149	226734	28.025	ng	96
81) Benzo(a)anthracene	21.67	228	639395	31.328	ng	96
82) 3,3'-Dichlorobenzidine	21.58	252	181376	22.097	ng	98
83) Chrysene	21.73	228	616650	31.329	ng	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	324497	28.887	ng	98
85) Di-n-octyl phthalate	22.78	149	567427	29.370	ng	98
86) Indeno(1,2,3-cd)pyrene	28.64	276	814690	30.457	ng	# 96
88) Benzo(b)fluoranthene	23.90	252	693208	31.015	ng	# 99
89) Benzo(k)fluoranthene	23.97	252	693674	32.288	ng	# 97
90) Benzo(a)pyrene	24.78	252	692164	32.635	ng	# 97
91) Dibenzo(a,h)anthracene	28.70	278	673903	31.381	ng	97
92) Benzo(g,h,i)perylene	29.81	276	675550	31.453	ng	# 97

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

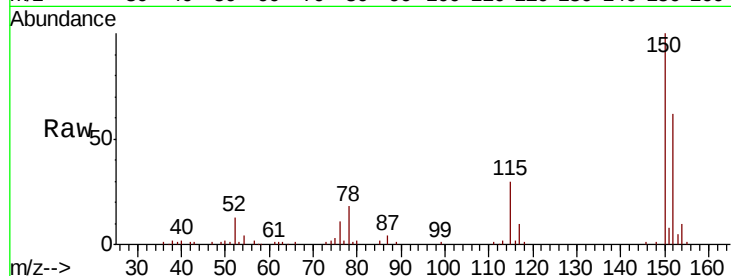


#1

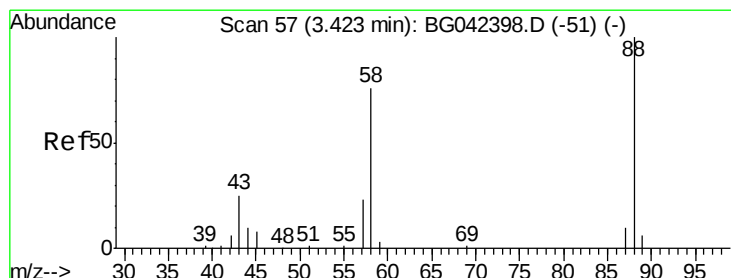
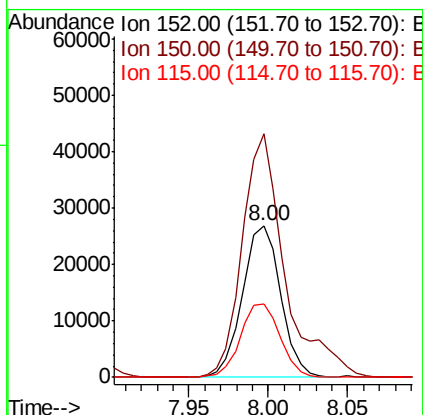
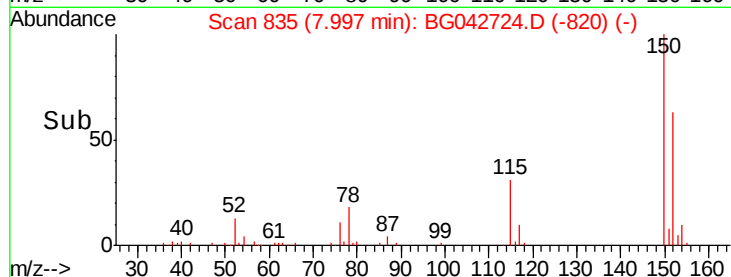
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042724.D
Acq: 5 Sep 2019 17:29

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 45008
Ion Ratio Lower Upper
152 100
150 160.7 125.4 188.0
115 48.5 38.5 57.7



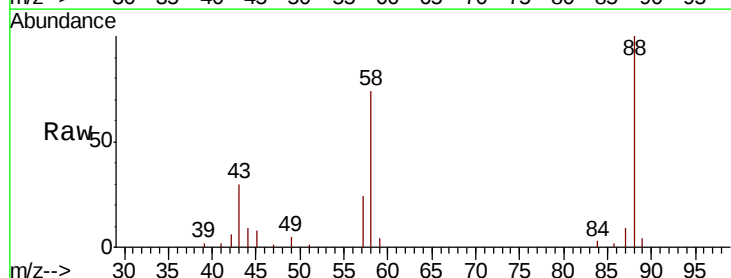
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



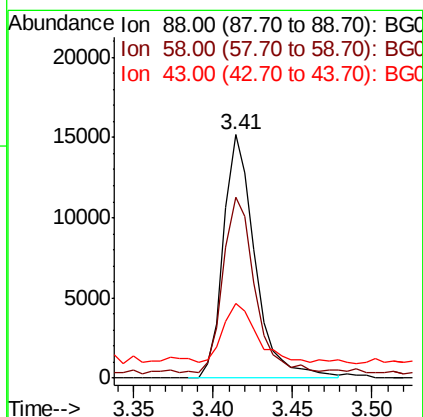
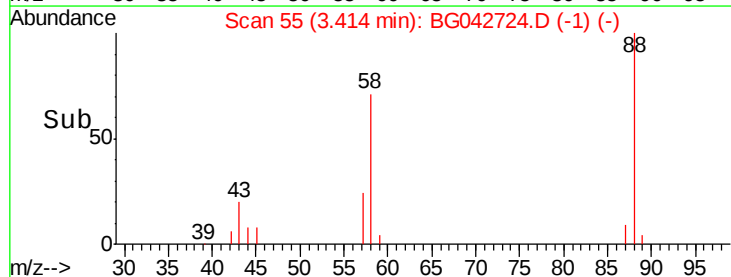
#2

1,4-Dioxane
Concen: 22.666 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BG042724.D
Acq: 5 Sep 2019 17:29

Tgt Ion: 88 Resp: 21021
Ion Ratio Lower Upper
88 100
58 71.3 58.3 87.5
43 25.4 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: 19.742 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042724.D

Acq: 5 Sep 2019 17:29

Instrument :

BNA_G

ClientSampleId :

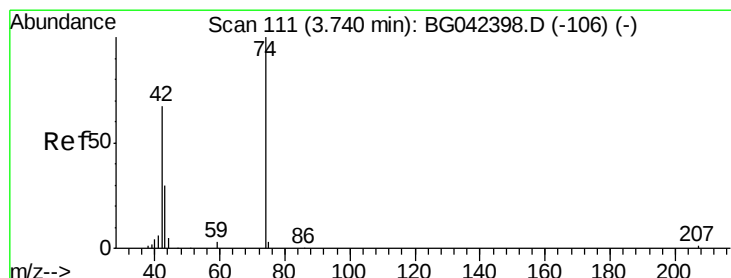
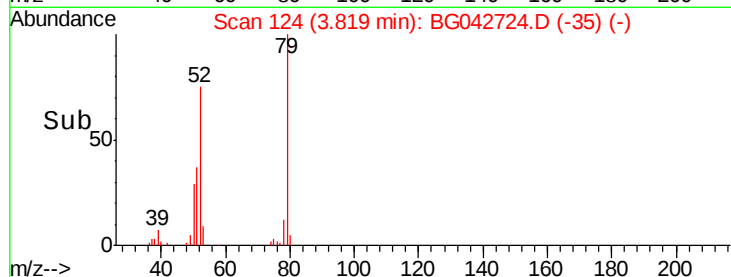
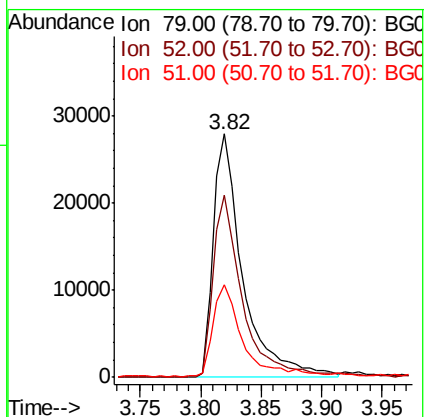
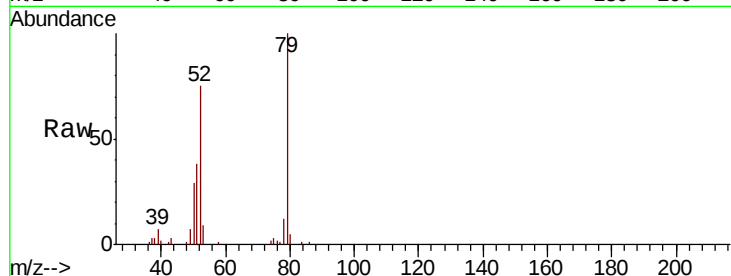
Tot Ion: 79 Resp: 46948

Ion Ratio Lower Upper

79 100

52 74.7 57.7 86.5

51 38.2 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 28.392 ng

RT: 3.74 min Scan# 110

Delta R.T. -0.00 min

Lab File: BG042724.D

Acq: 5 Sep 2019 17:29

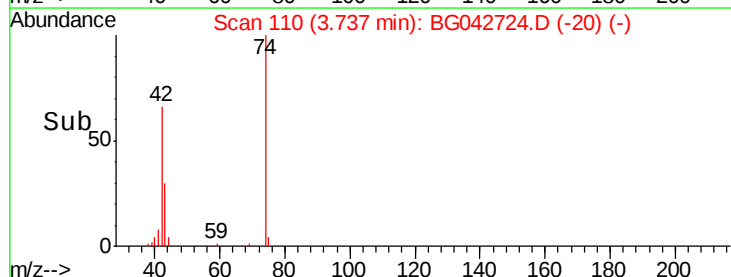
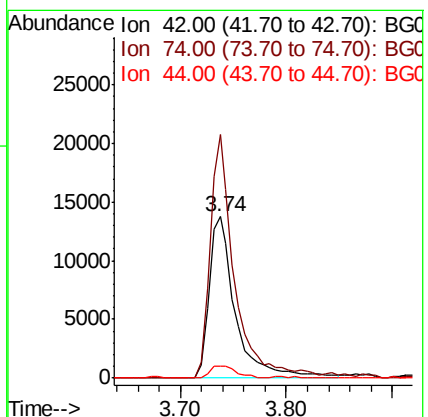
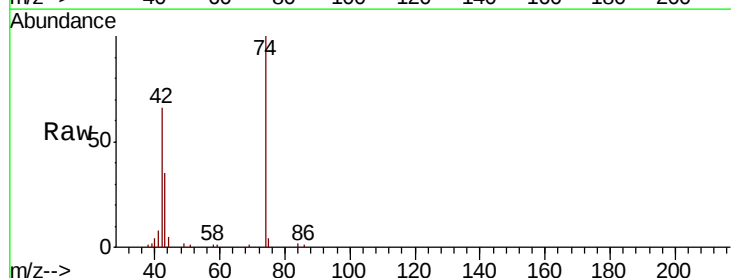
Tgt Ion: 42 Resp: 24115

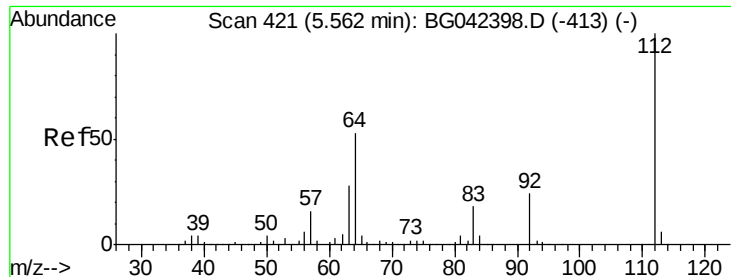
Ion Ratio Lower Upper

42 100

74 150.6 119.6 179.4

44 7.8 6.5 9.7





#5

2-Fluorophenol

Concen: 92.263 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.00 min

Lab File: BG042724.D

Acq: 5 Sep 2019 17:29

Instrument :

BNA_G

ClientSampleId :

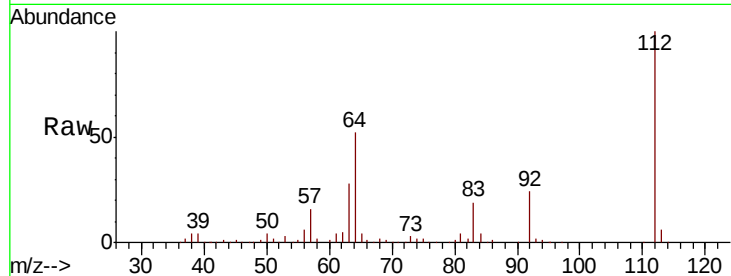
Tot Ion:112 Resp: 205036

Ion Ratio Lower Upper

112 100

64 52.2 42.8 64.2

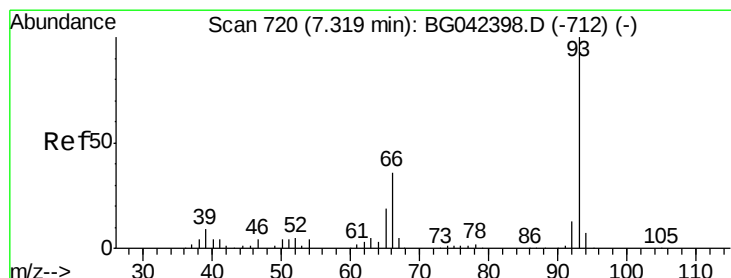
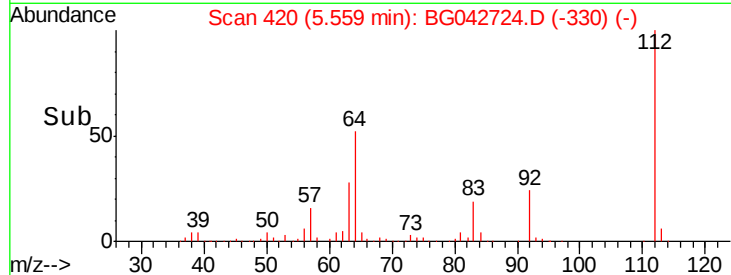
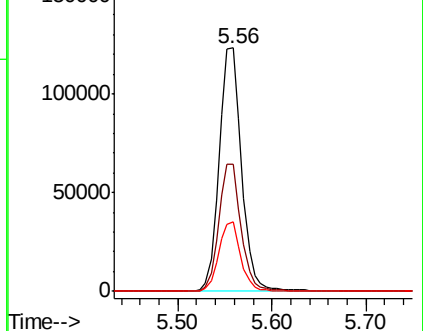
63 28.4 22.7 34.1



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: 18.016 ng

RT: 7.32 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG042724.D

Acq: 5 Sep 2019 17:29

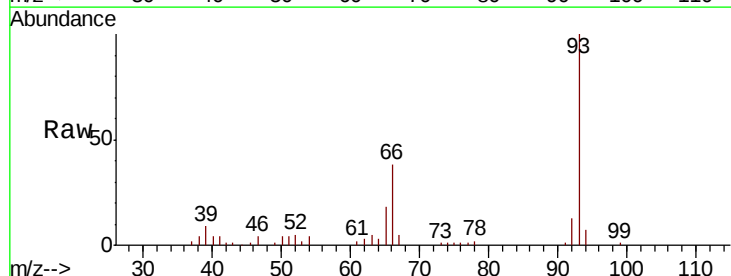
Tgt Ion: 93 Resp: 72130

Ion Ratio Lower Upper

93 100

66 37.8 29.0 43.6

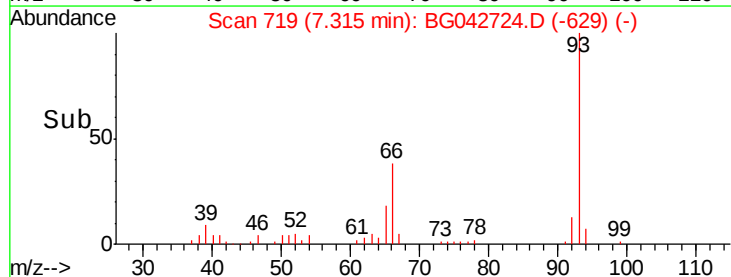
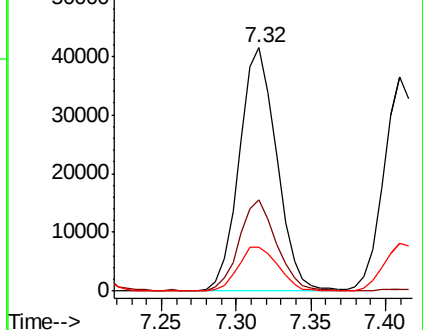
65 18.1 15.2 22.8

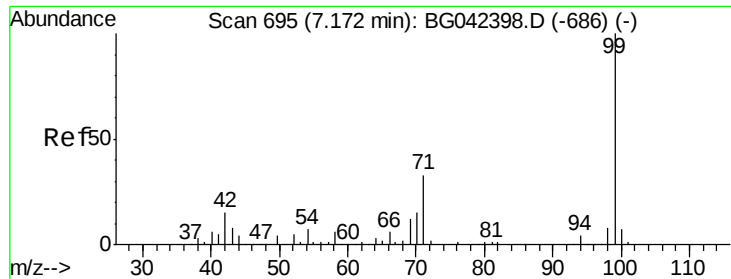


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 85.296 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042724.D

Acq: 5 Sep 2019 17:29

Instrument :

BNA_G

ClientSampleId :

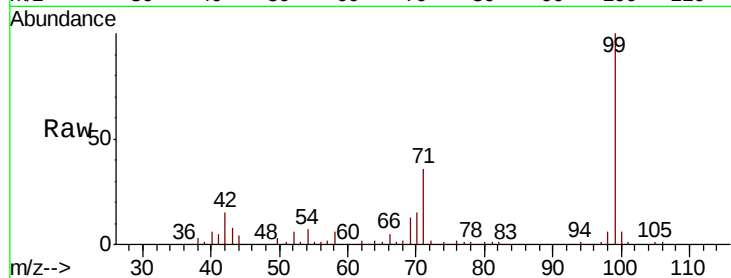
Tot Ion: 99 Resp: 256042

Ion Ratio Lower Upper

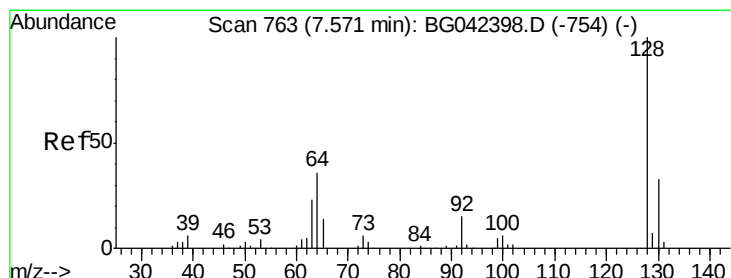
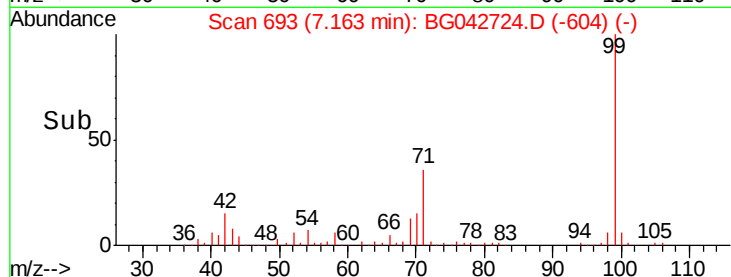
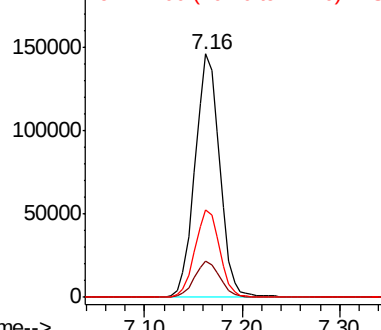
99 100

42 15.1 12.0 18.0

71 35.9 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: 28.989 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BG042724.D

Acq: 5 Sep 2019 17:29

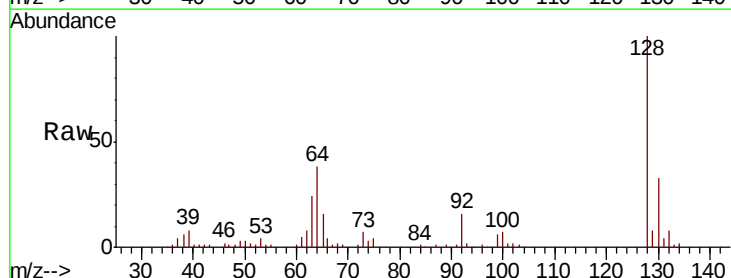
Tgt Ion: 128 Resp: 78075

Ion Ratio Lower Upper

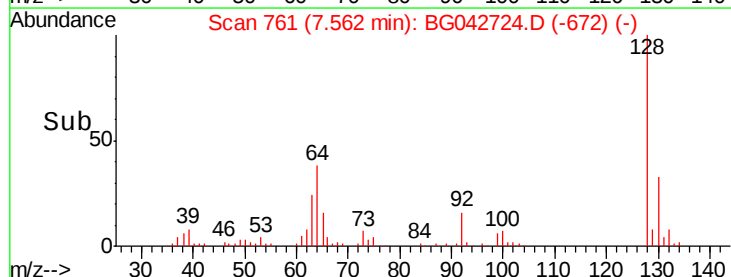
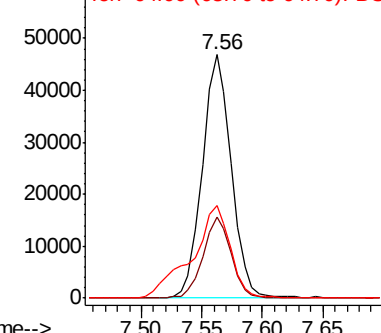
128 100

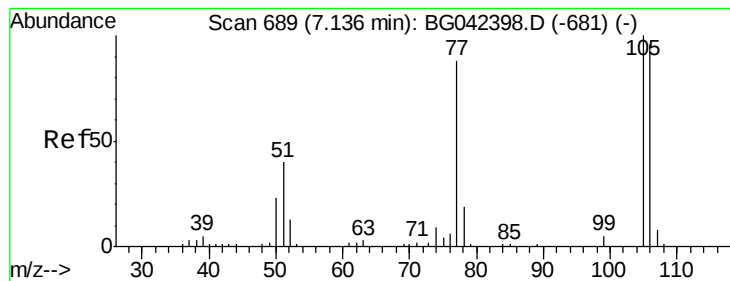
130 33.2 12.8 52.8

64 38.2 19.2 59.2



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





#9

Benzaldehyde

Concen: 28.908 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG042724.D

Acq: 5 Sep 2019 17:29

Instrument :

BNA_G

ClientSampleId :

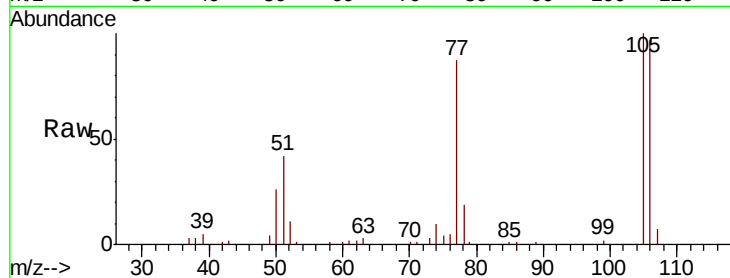
Tot Ion: 77 Resp: 43444

Ion Ratio Lower Upper

77 100

105 115.4 93.4 133.4

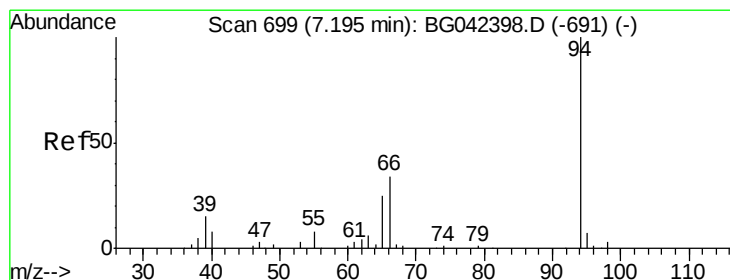
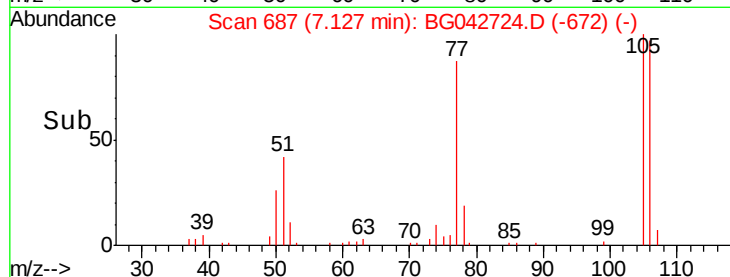
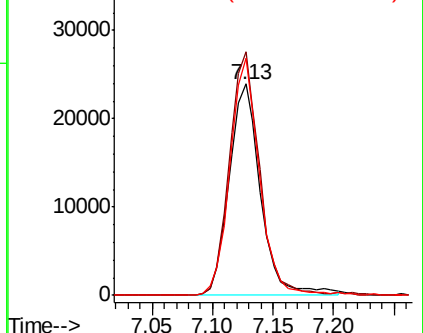
106 112.4 88.4 128.4



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: 27.102 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG042724.D

Acq: 5 Sep 2019 17:29

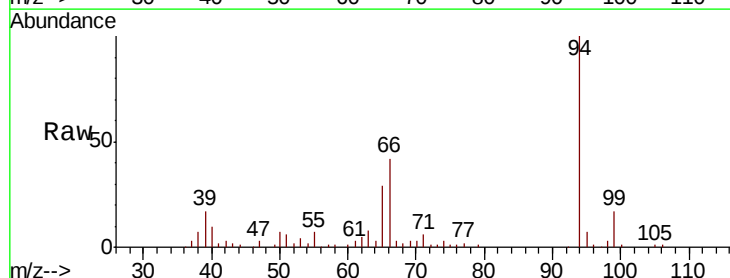
Tgt Ion: 94 Resp: 82718

Ion Ratio Lower Upper

94 100

65 29.0 5.6 45.6

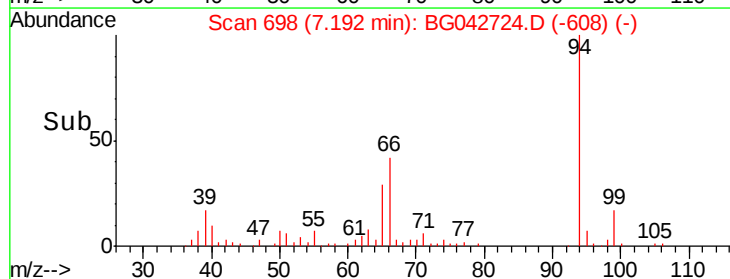
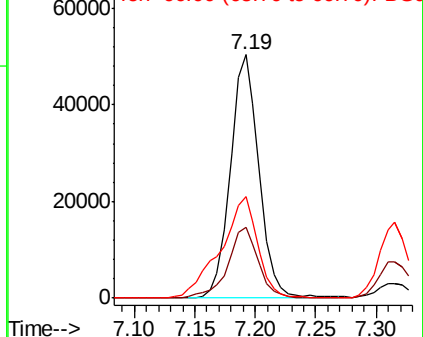
66 41.9 16.0 56.0



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

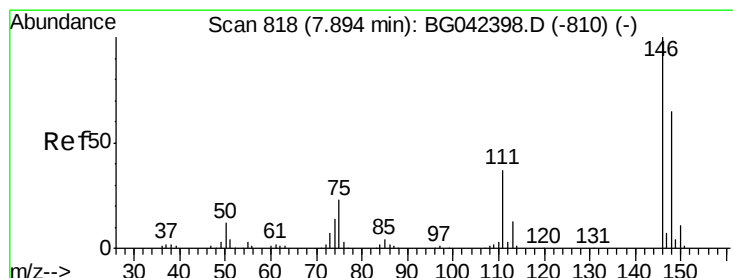
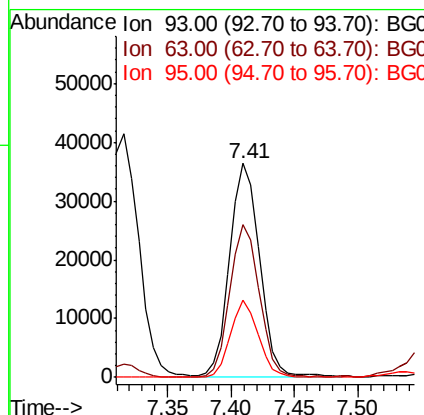
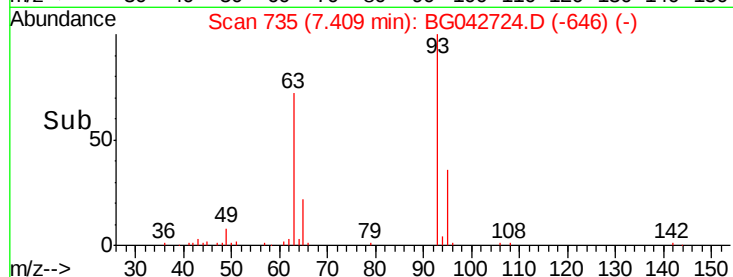
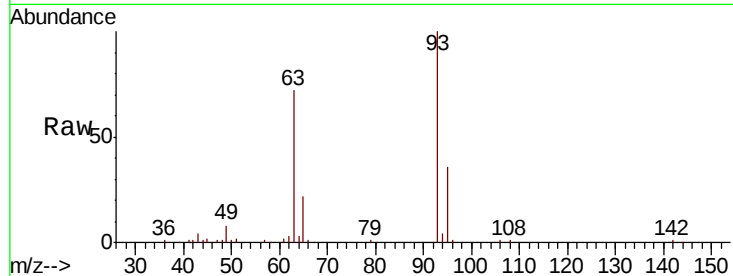




#11
bis(2-Chloroethyl)ether
Concen: 25.025 ng
RT: 7.41 min Scan# 735
Delta R.T. -0.01 min
Lab File: BG042724.D
Acq: 5 Sep 2019 17:29

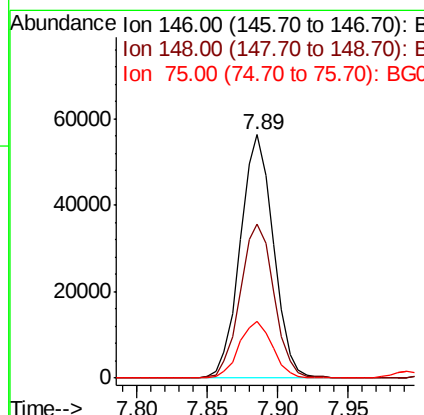
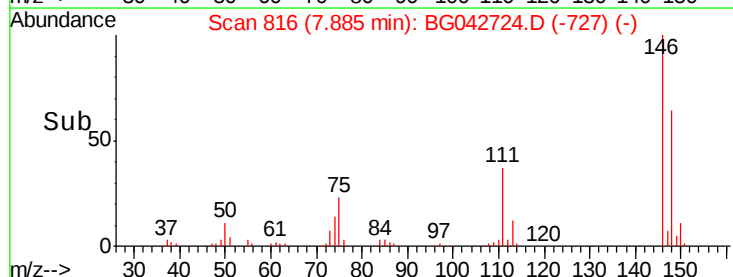
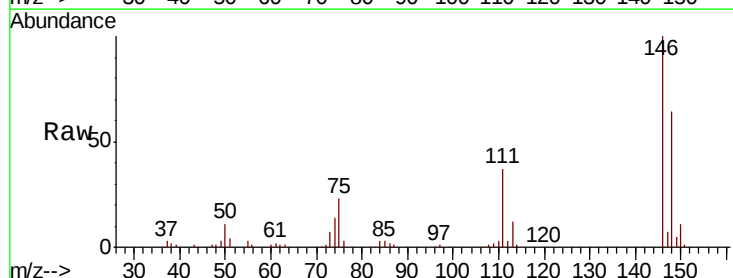
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 59985
Ion Ratio Lower Upper
93 100
63 71.6 53.8 93.8
95 36.3 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 27.108 ng
RT: 7.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG042724.D
Acq: 5 Sep 2019 17:29

Tgt Ion: 146 Resp: 92877
Ion Ratio Lower Upper
146 100
148 63.5 52.2 78.2
75 23.2 18.0 27.0

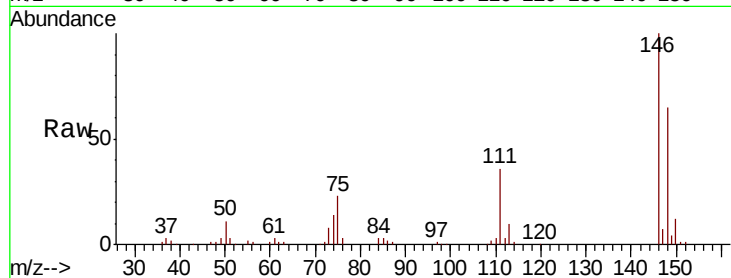




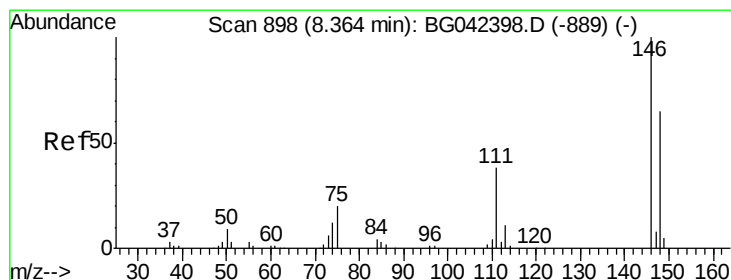
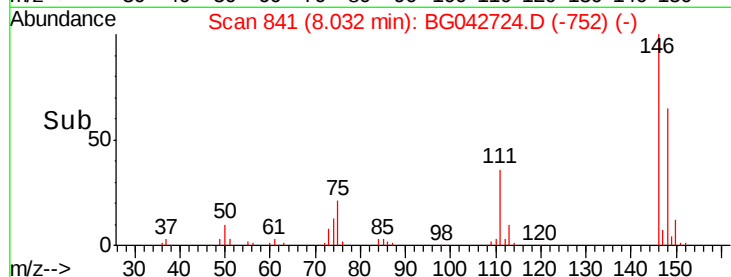
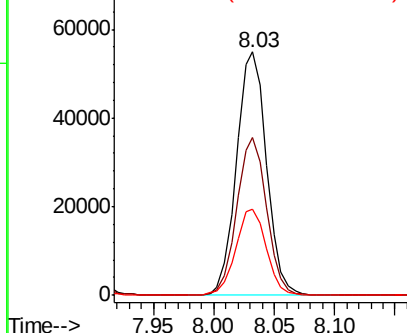
#13
 1,4-Dichlorobenzene
 Concen: 27.455 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG042724.D
 Acq: 5 Sep 2019 17:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 95282
 Ion Ratio Lower Upper
 146 100
 148 65.1 49.5 74.3
 111 35.5 28.1 42.1

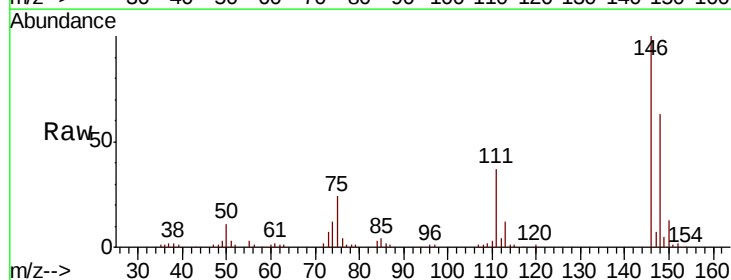


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

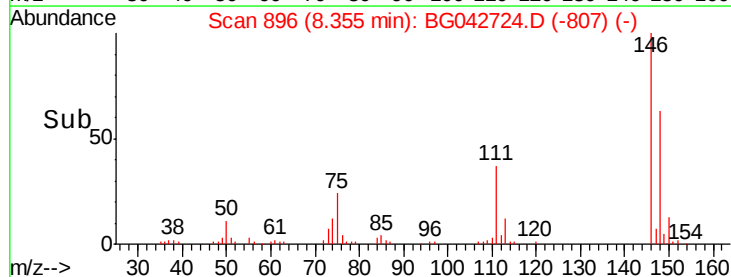
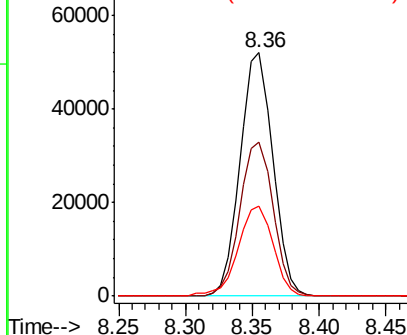


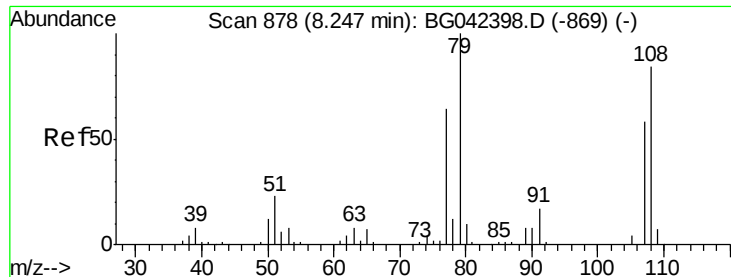
#14
 1,2-Dichlorobenzene
 Concen: 26.648 ng
 RT: 8.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG042724.D
 Acq: 5 Sep 2019 17:29

Tgt Ion:146 Resp: 88564
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.8 77.6
 111 36.9 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: 26.171 ng

RT: 8.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BG042724.D

Acq: 5 Sep 2019 17:29

Instrument :

BNA_G

ClientSampleId :

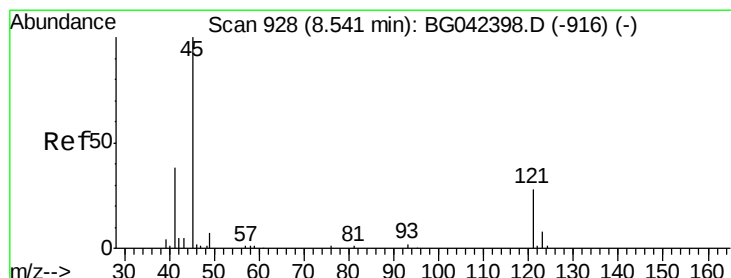
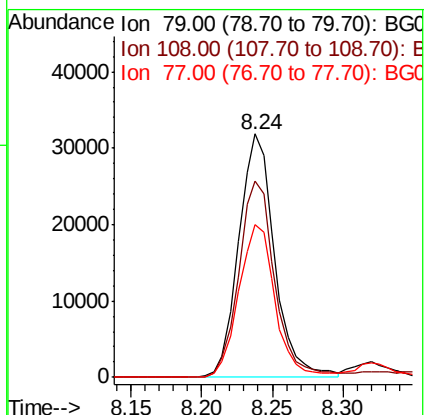
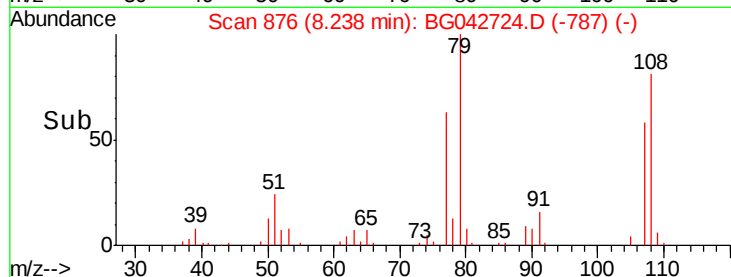
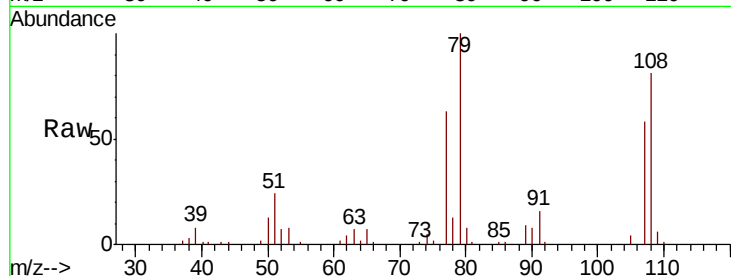
Tot Ion: 79 Resp: 56520

Ion Ratio Lower Upper

79 100

108 80.7 67.4 101.2

77 63.0 50.8 76.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 22.921 ng

RT: 8.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BG042724.D

Acq: 5 Sep 2019 17:29

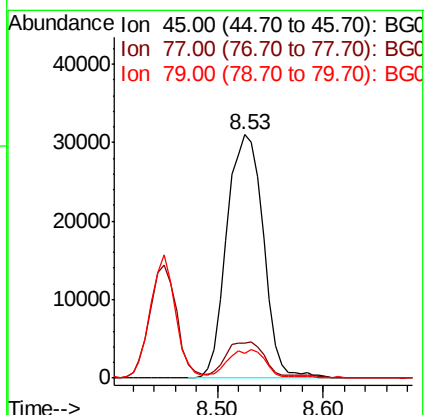
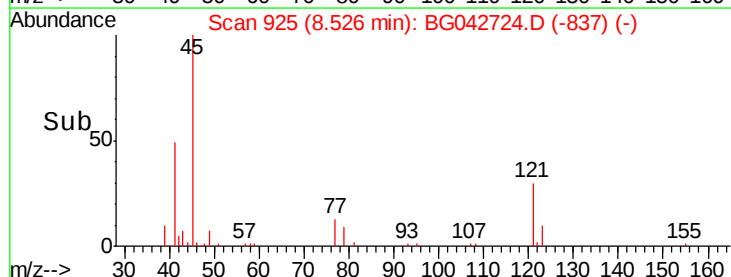
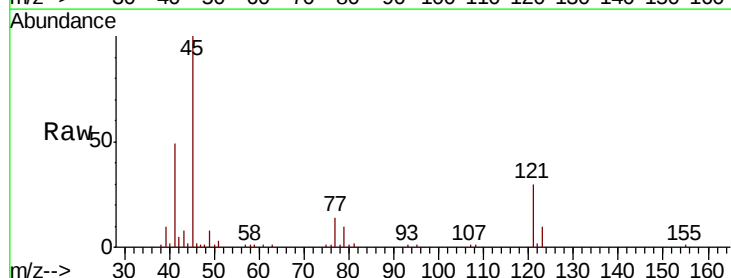
Tgt Ion: 45 Resp: 74465

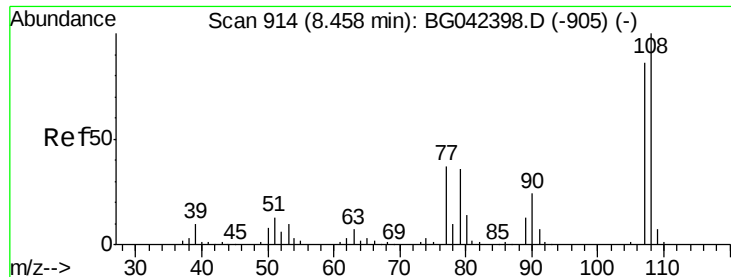
Ion Ratio Lower Upper

45 100

77 14.4 0.0 35.6

79 10.2 0.0 31.6

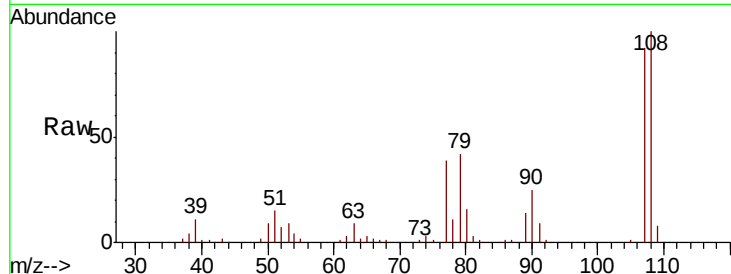




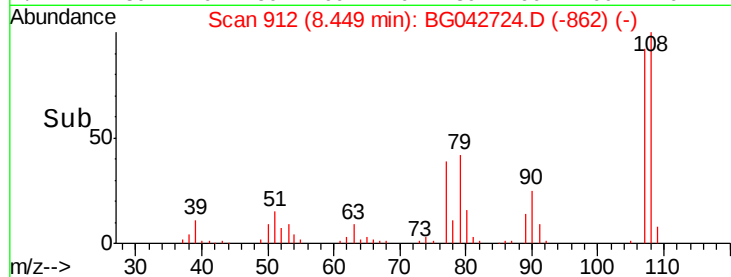
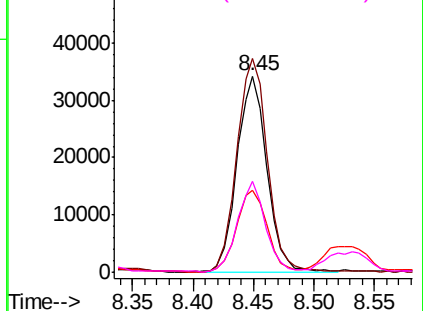
#17
 2-Methylphenol
 Concen: 26.497 ng
 RT: 8.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BG042724.D
 Acq: 5 Sep 2019 17:29

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion:	107	Resp:	59566
Ion	Ratio	Lower	Upper
107	100		
108	108.7	92.9	139.3
77	42.0	34.4	51.6
79	46.0	33.8	50.6

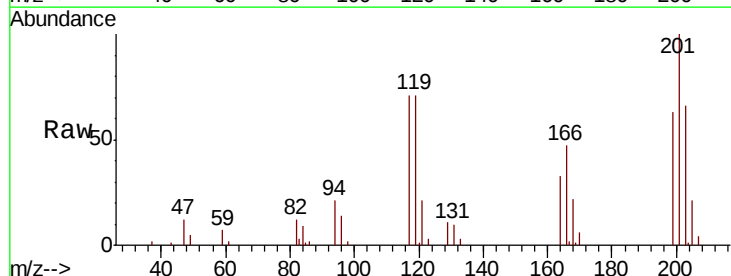


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BG
 Ion 79.00 (78.70 to 79.70): BG

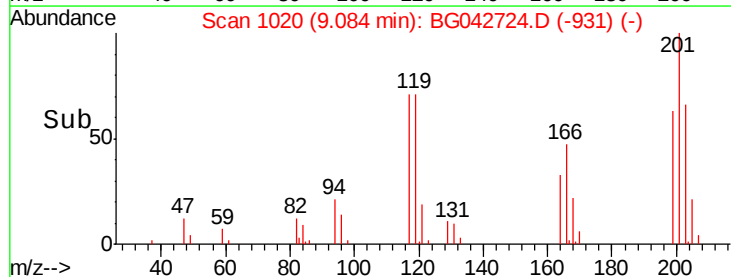
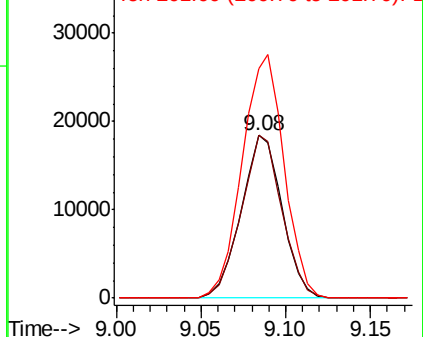


#18
 Hexachloroethane
 Concen: 26.126 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG042724.D
 Acq: 5 Sep 2019 17:29

Tgt Ion:	117	Resp:	31040
Ion	Ratio	Lower	Upper
117	100		
119	100.7	73.8	110.8
201	141.4	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

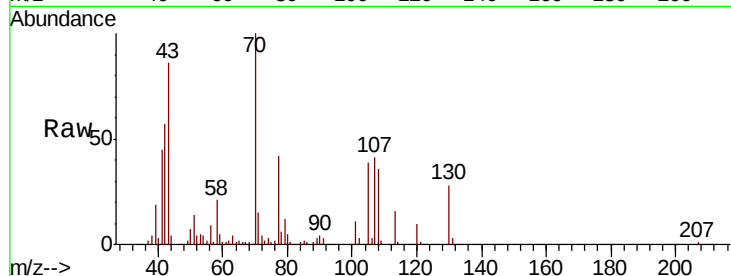




#19
n-Nitroso-di-n-propylamine
Concen: 22.711 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BG042724.D
Acq: 5 Sep 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	44167
Ion	Ratio	Lower	Upper
70	100		
42	57.0	38.8	58.2
101	11.2	9.0	13.6
130	27.8	20.0	30.0



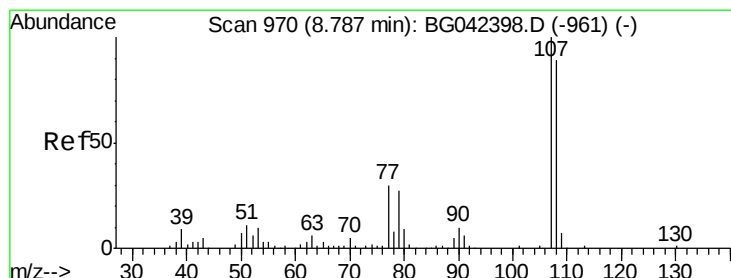
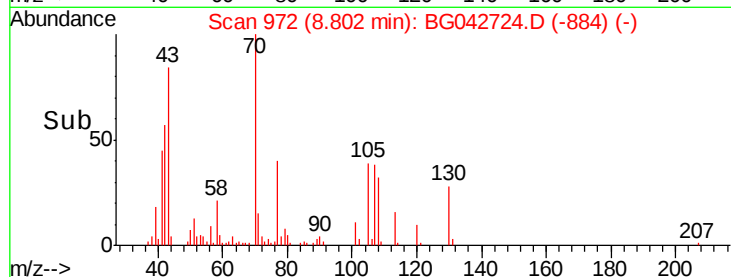
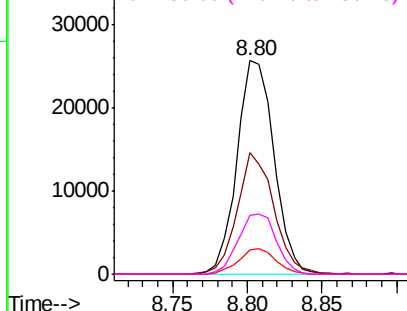
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

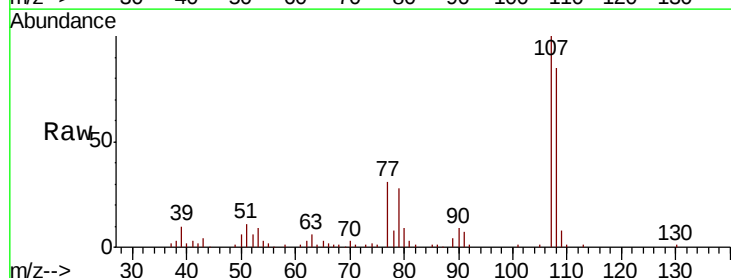
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 25.855 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG042724.D
Acq: 5 Sep 2019 17:29

Tgt Ion:	107	Resp:	80426
Ion	Ratio	Lower	Upper
107	100		
108	85.2	68.7	108.7
77	30.6	10.2	50.2
79	27.6	6.9	46.9



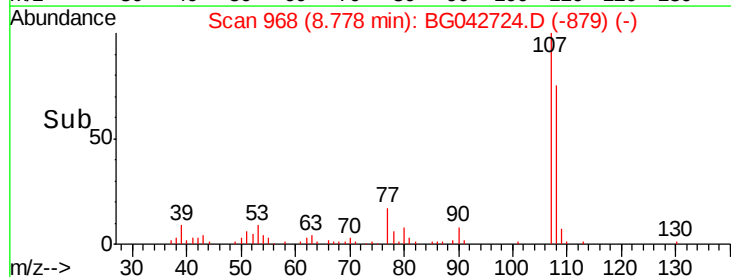
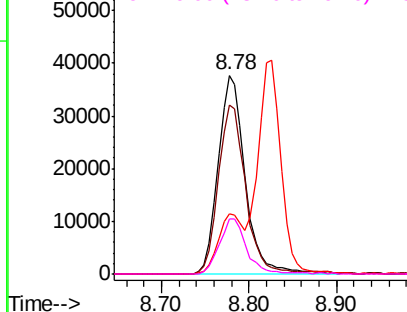
Abundance

Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

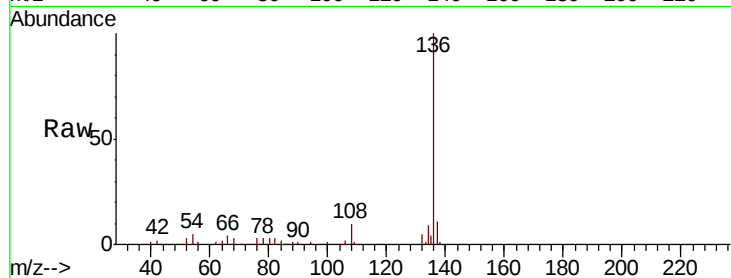




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG042724.D
Acq: 5 Sep 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	164912
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.7 13.1
54	5.1	4.9 7.3
68	2.8	3.6 5.4#



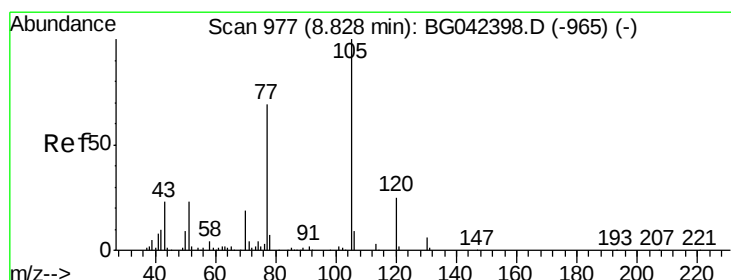
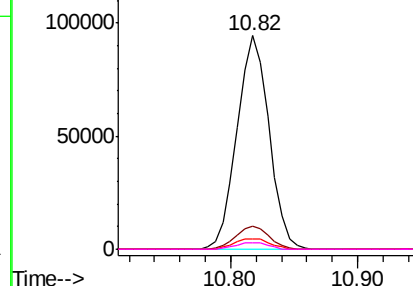
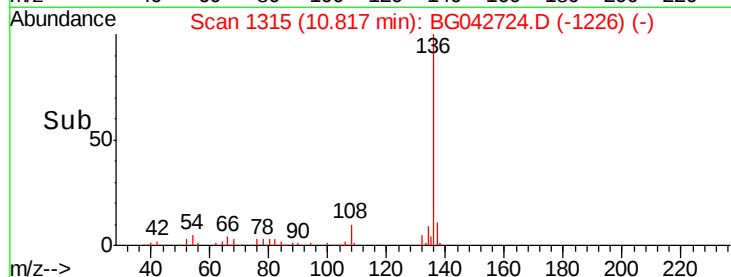
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

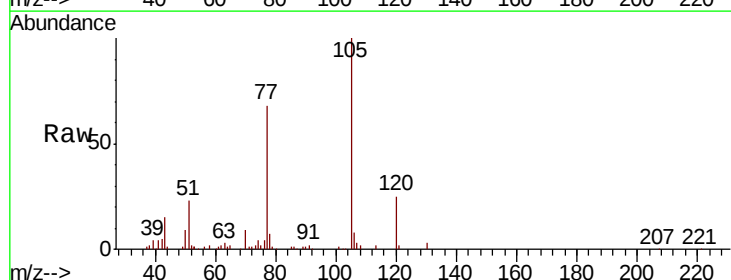
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 29.814 ng
RT: 8.83 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG042724.D
Acq: 5 Sep 2019 17:29

Tgt Ion:105	Resp:	105159
Ion	Ratio	Lower Upper
105	100	
71	1.3	2.8 4.2#
51	23.0	18.7 28.1
120	24.8	20.1 30.1



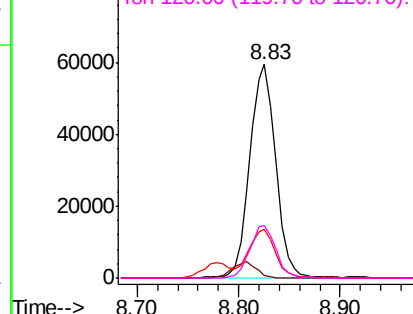
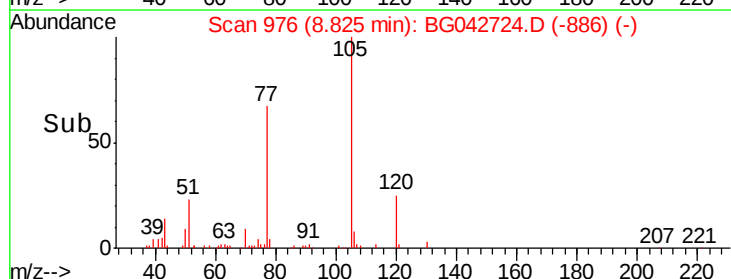
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

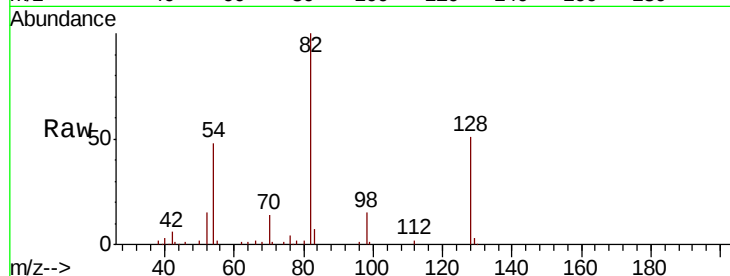




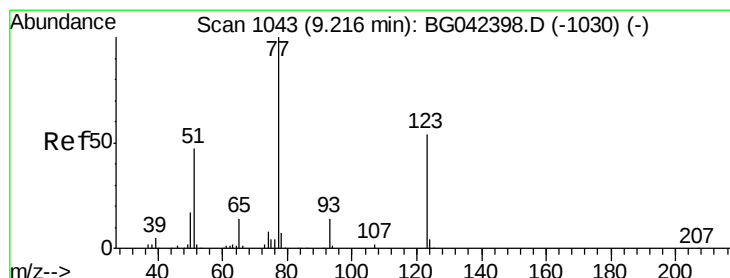
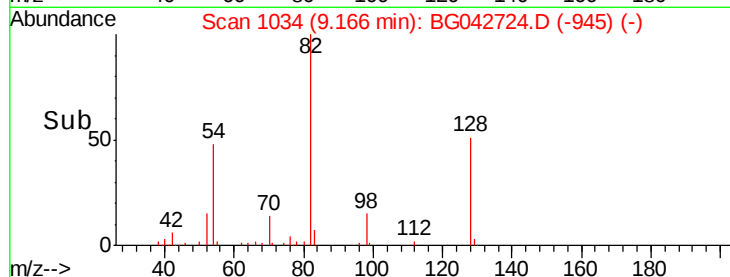
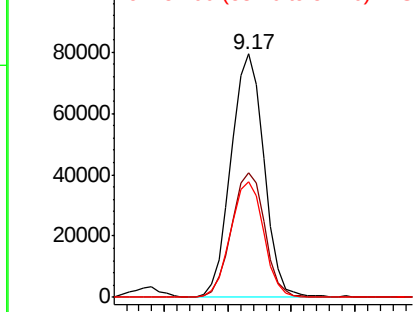
#23
Nitrobenzene-d5
Concen: 59.876 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042724.D
Acq: 5 Sep 2019 17:29

Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	142889
Ion Ratio	Lower	Upper	
82	100		
128	51.2	40.7	61.1
54	47.5	36.3	54.5

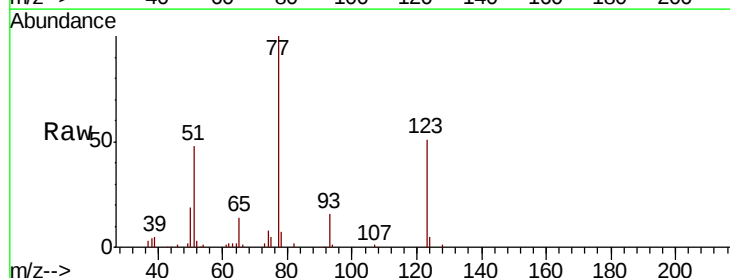


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

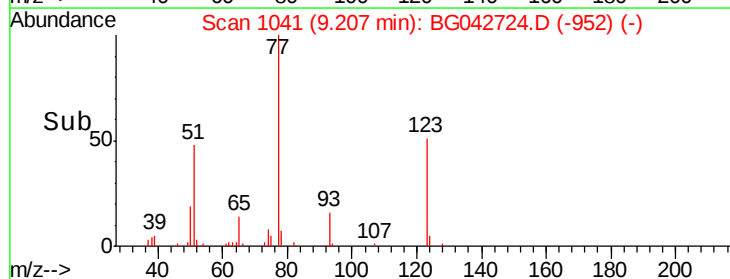
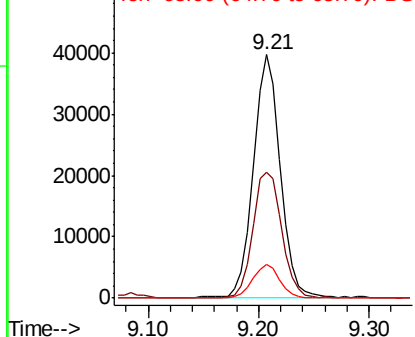


#24
Nitrobenzene
Concen: 28.168 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG042724.D
Acq: 5 Sep 2019 17:29

Tgt Ion	77	Resp	68071
Ion Ratio	Lower	Upper	
77	100		
123	51.5	43.4	65.0
65	13.9	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: 26.710 ng

RT: 9.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042724.D

Acq: 5 Sep 2019 17:29

Instrument :

BNA_G

ClientSampleId :

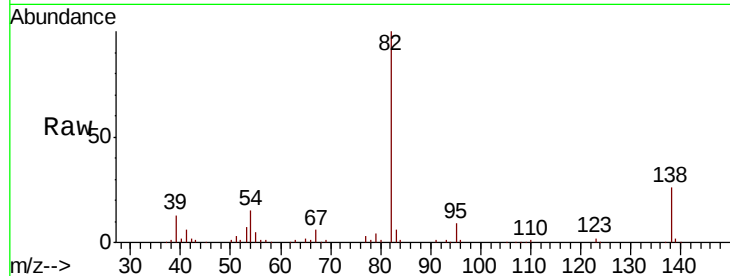
Tot Ion: 82 Resp: 125797

Ion Ratio Lower Upper

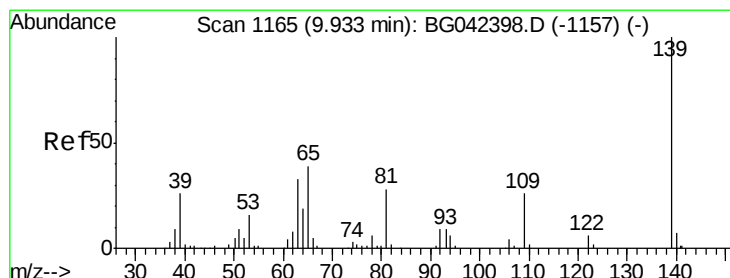
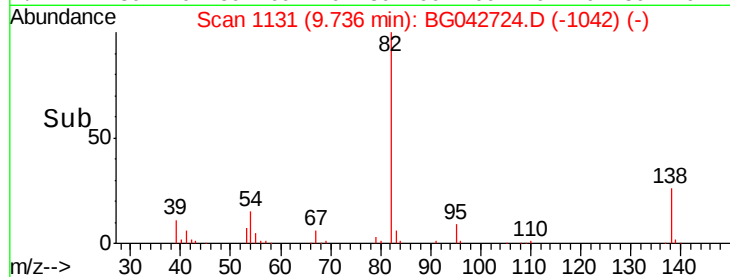
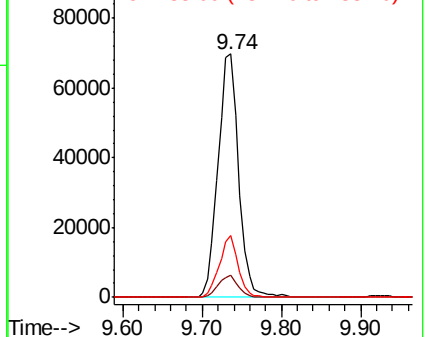
82 100

95 8.9 6.6 9.8

138 25.6 18.6 27.8



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



#26

2-Nitrophenol

Concen: 30.119 ng

RT: 9.92 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BG042724.D

Acq: 5 Sep 2019 17:29

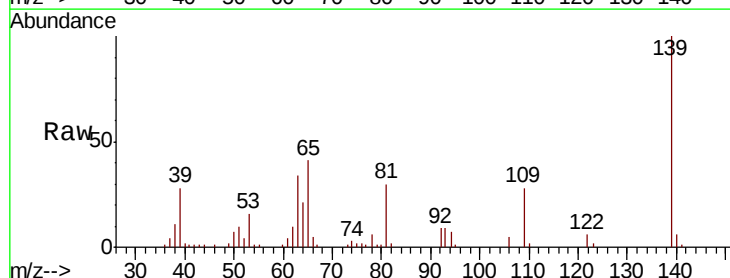
Tgt Ion: 139 Resp: 45613

Ion Ratio Lower Upper

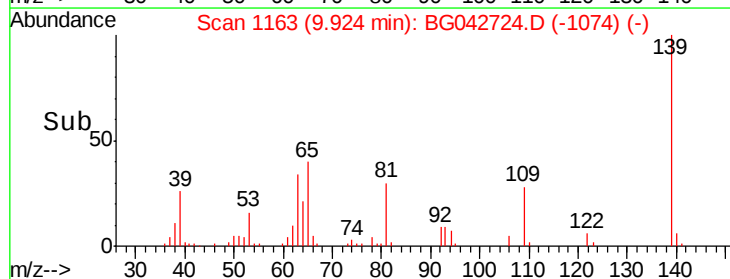
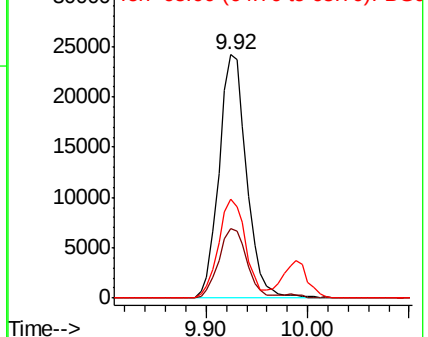
139 100

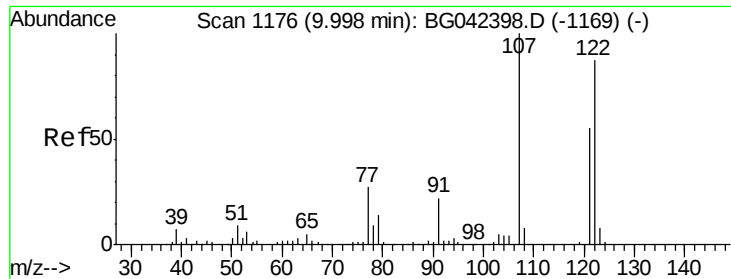
109 28.3 20.5 30.7

65 40.8 30.9 46.3



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

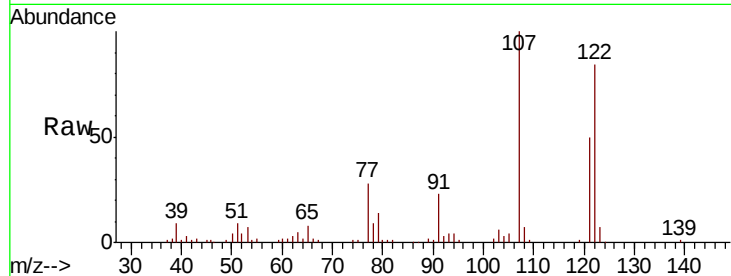




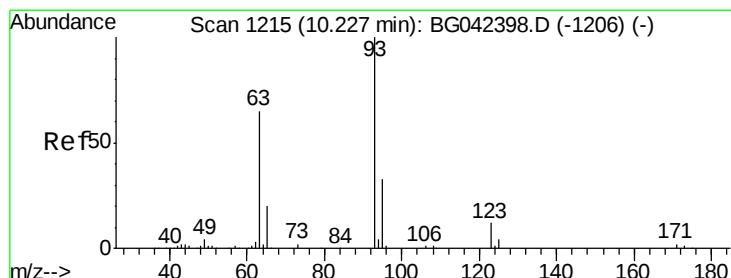
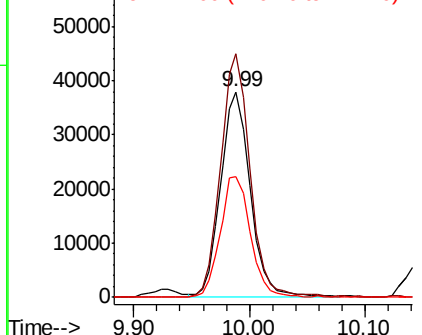
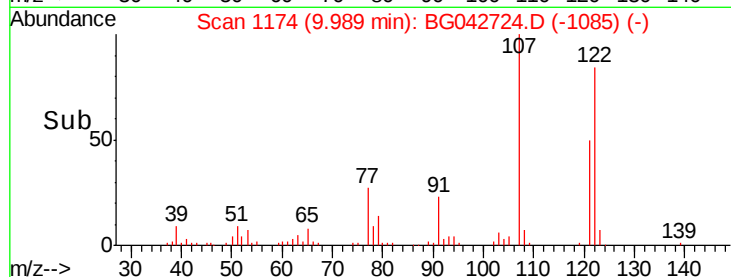
#27
 2,4-Dimethylphenol
 Concen: 32.410 ng
 RT: 9.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BG042724.D
 Acq: 5 Sep 2019 17:29

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:122 Resp: 67610
 Ion Ratio Lower Upper
 122 100
 107 118.5 90.8 136.2
 121 59.0 49.6 74.4

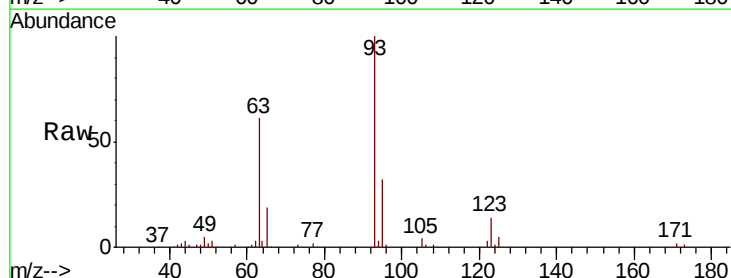


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

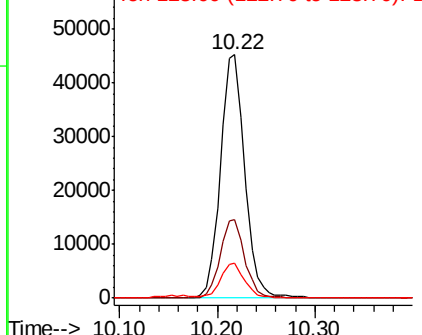
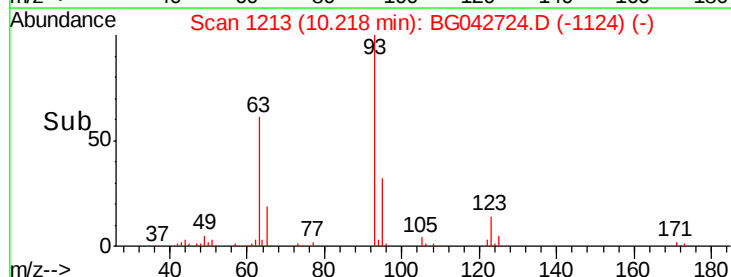


#28
 bis(2-Chloroethoxy)methane
 Concen: 26.322 ng
 RT: 10.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BG042724.D
 Acq: 5 Sep 2019 17:29

Tgt Ion: 93 Resp: 78135
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.6 40.0
 123 14.2 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

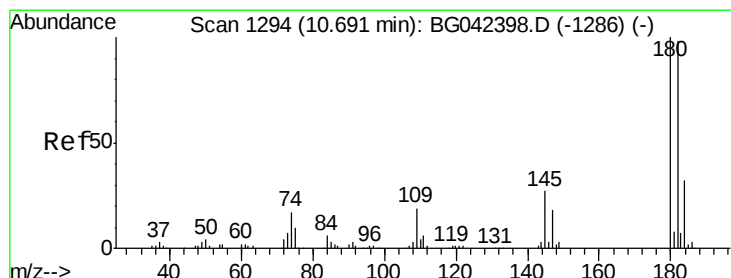
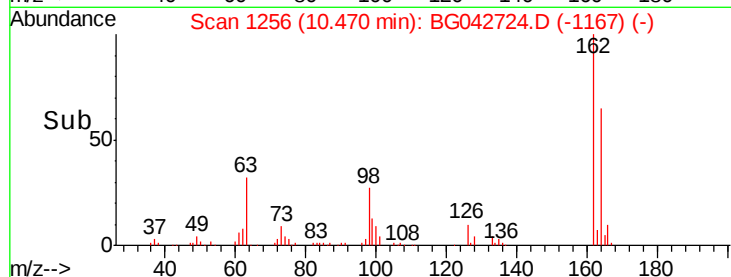
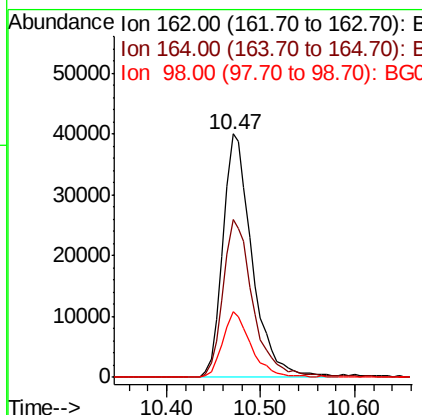
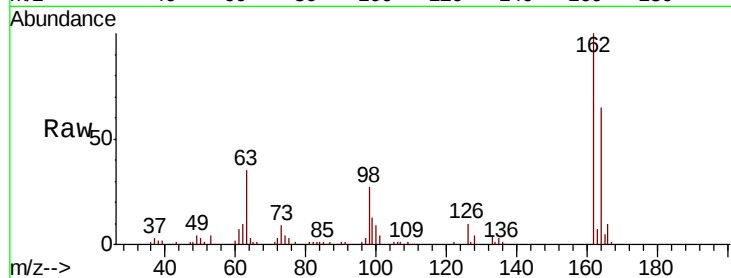




#29
 2,4-Dichlorophenol
 Concen: 31.818 ng
 RT: 10.47 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BG042724.D
 Acq: 5 Sep 2019 17:29

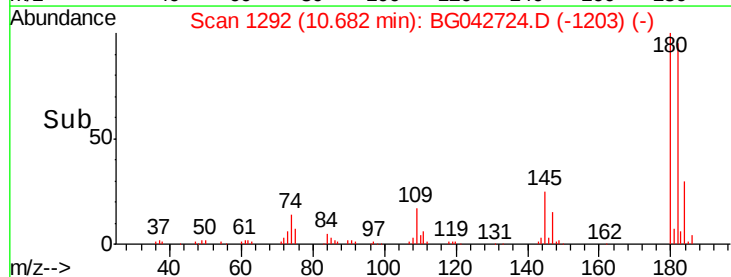
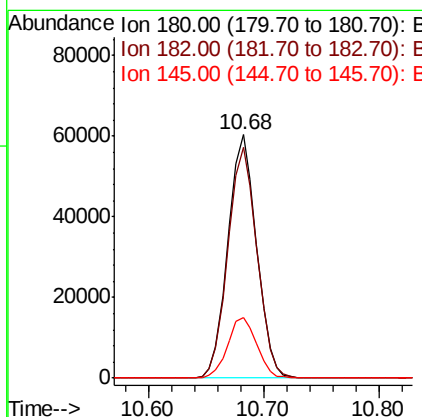
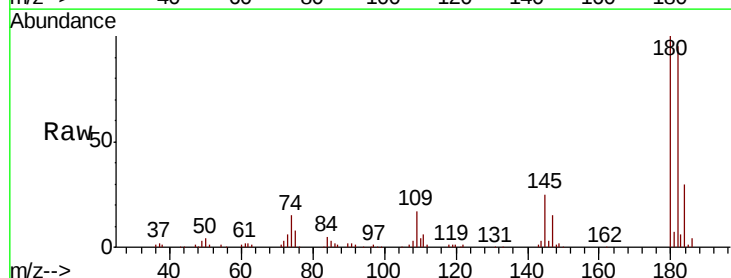
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:162 Resp: 86841
 Ion Ratio Lower Upper
 162 100
 164 64.9 48.1 88.1
 98 27.0 7.6 47.6



#30
 1,2,4-Trichlorobenzene
 Concen: 30.960 ng
 RT: 10.68 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BG042724.D
 Acq: 5 Sep 2019 17:29

Tgt Ion:180 Resp: 103719
 Ion Ratio Lower Upper
 180 100
 182 94.6 78.7 118.1
 145 25.1 21.6 32.4

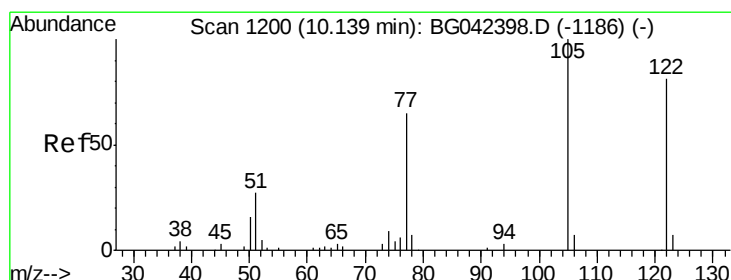
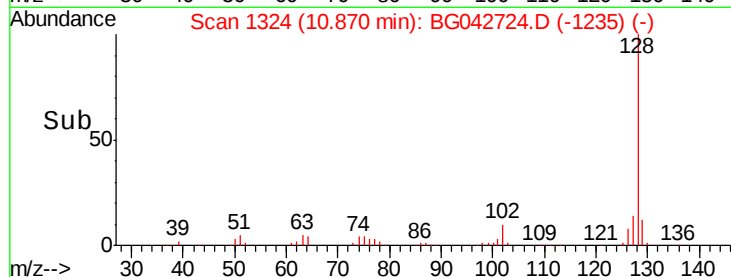
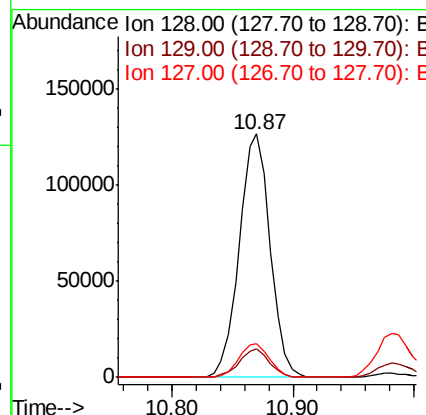
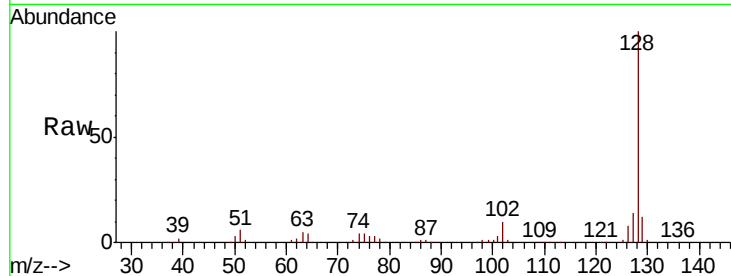




#31
Naphthalene
Concen: 29.350 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042724.D
Acq: 5 Sep 2019 17:29

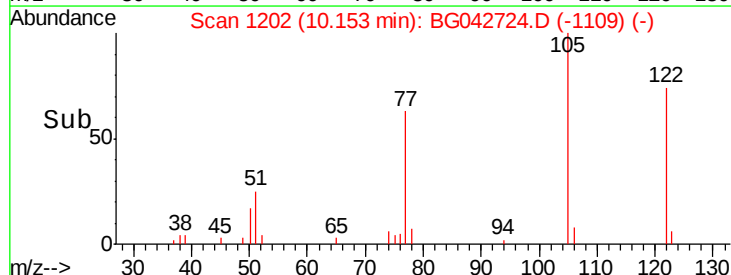
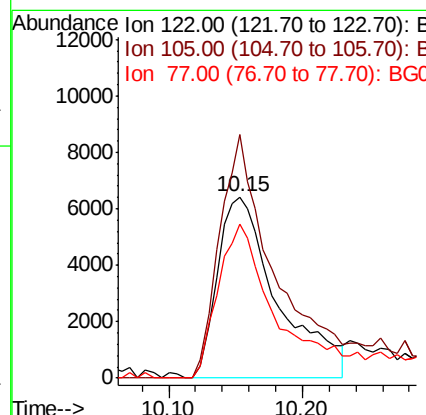
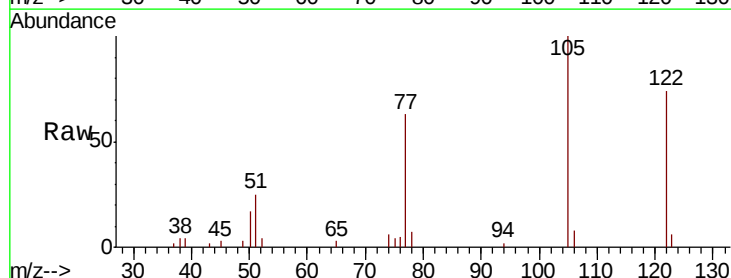
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 224713
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.6 11.4 17.0



#32
Benzoic acid
Concen: 19.217 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.02 min
Lab File: BG042724.D
Acq: 5 Sep 2019 17:29

Tgt Ion:122 Resp: 20157
Ion Ratio Lower Upper
122 100
105 134.4 99.6 139.6
77 84.7 59.5 99.5

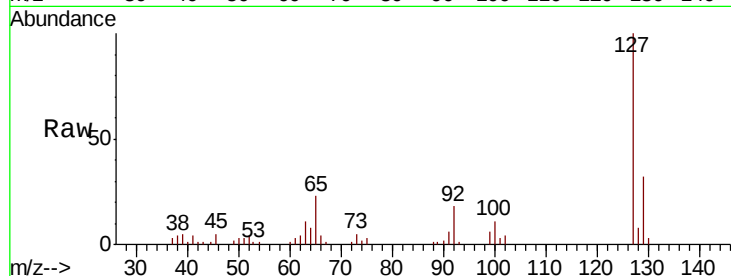




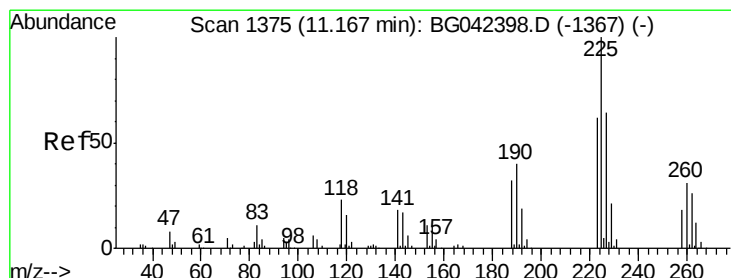
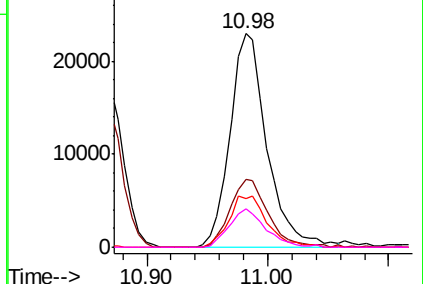
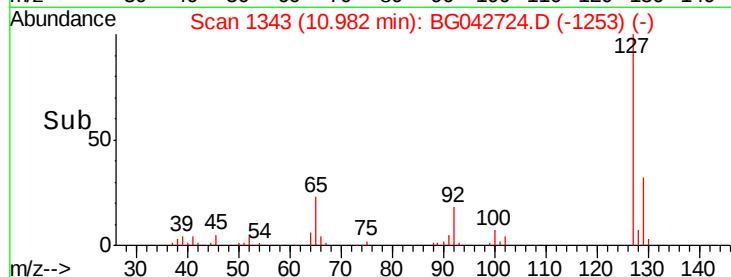
#33
4-Chloroaniline
Concen: 13.838 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042724.D
Acq: 5 Sep 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	48911
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.8	40.2
65	23.0	20.7	31.1
92	17.9	13.6	20.4

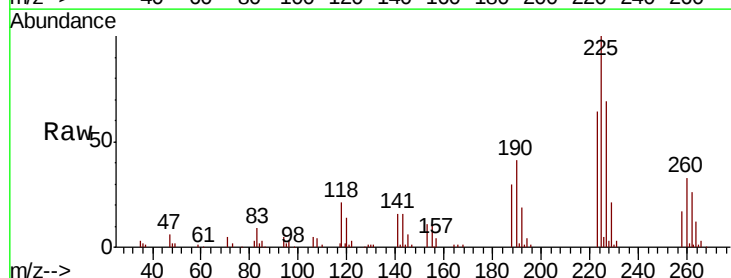


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

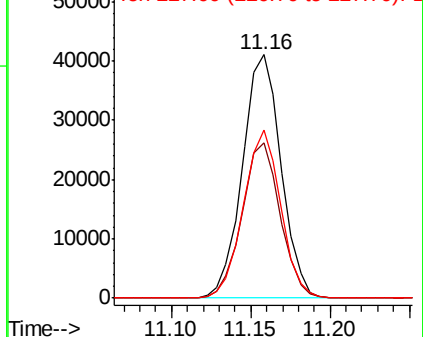
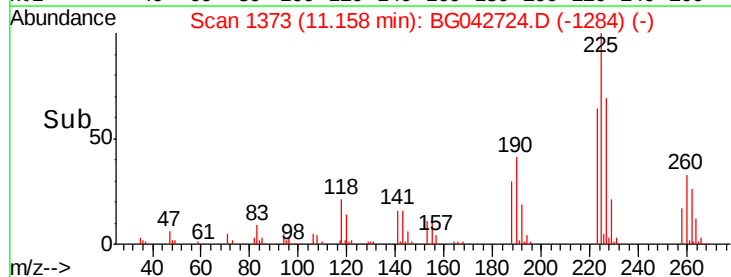


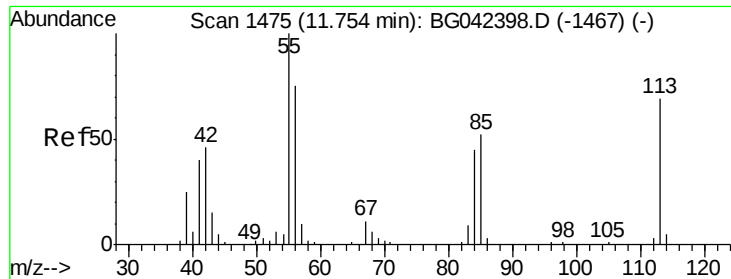
#34
Hexachlorobutadiene
Concen: 30.837 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG042724.D
Acq: 5 Sep 2019 17:29

Tgt Ion:	225	Resp:	69429
Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.8	74.6
227	68.8	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

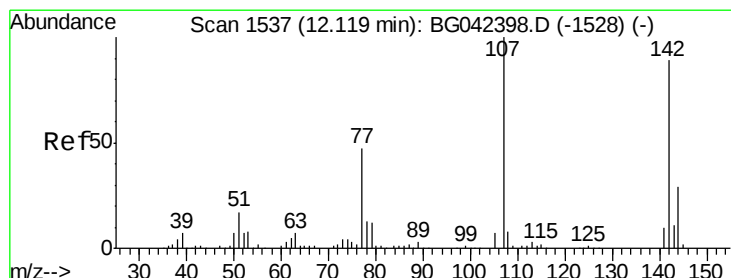
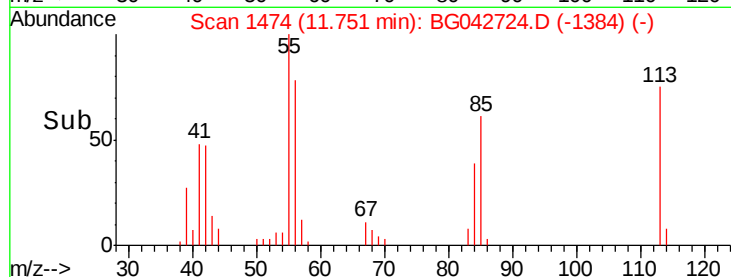
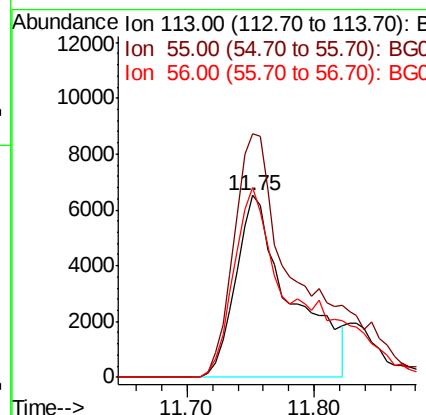
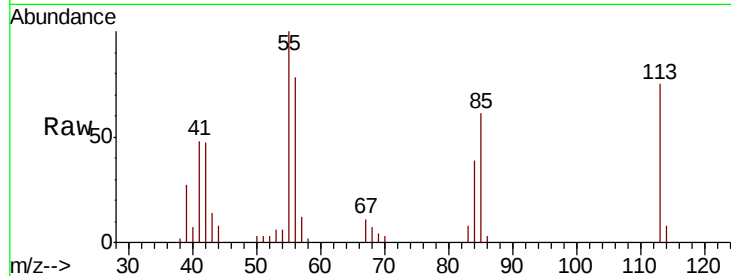




#35
 Caprolactam
 Concen: 21.643 ng
 RT: 11.75 min Scan# 1474
 Delta R.T. -0.00 min
 Lab File: BG042724.D
 Acq: 5 Sep 2019 17:29

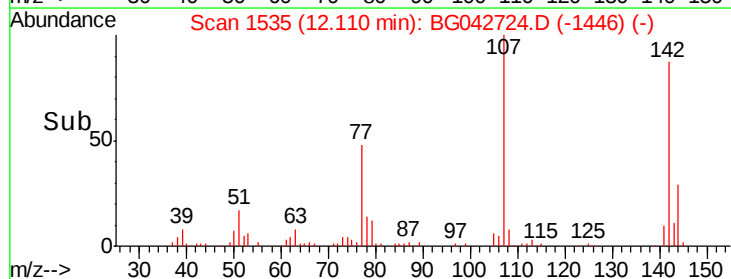
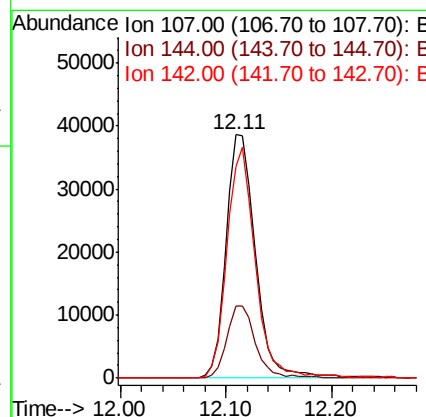
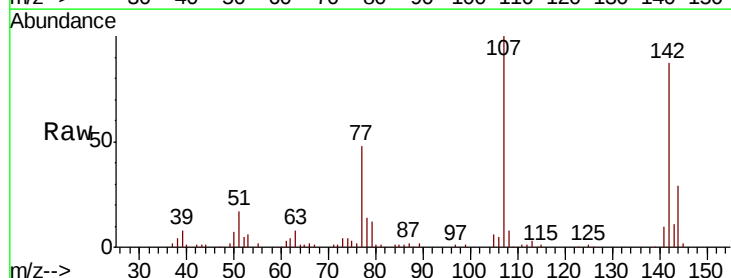
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:113 Resp: 19711
 Ion Ratio Lower Upper
 113 100
 55 134.0 124.6 164.6
 56 104.7 88.3 128.3



#36
 4-Chloro-3-methylphenol
 Concen: 28.691 ng
 RT: 12.11 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: BG042724.D
 Acq: 5 Sep 2019 17:29

Tgt Ion:107 Resp: 74336
 Ion Ratio Lower Upper
 107 100
 144 29.4 23.6 35.4
 142 87.0 71.0 106.4

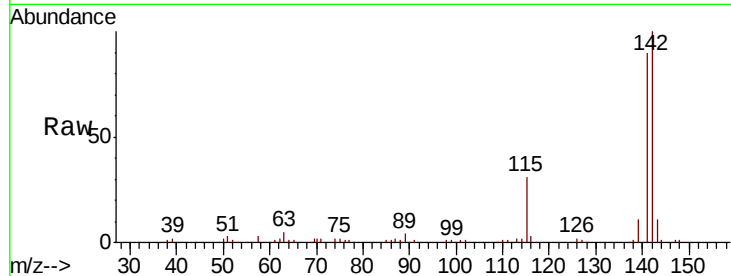




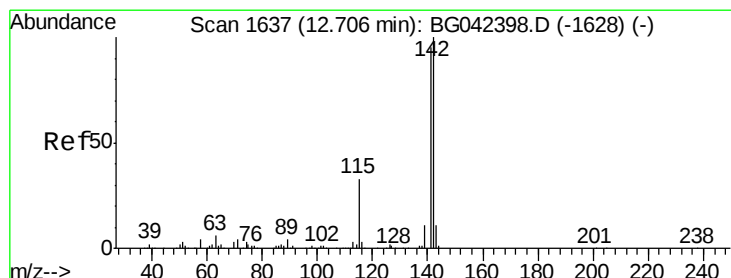
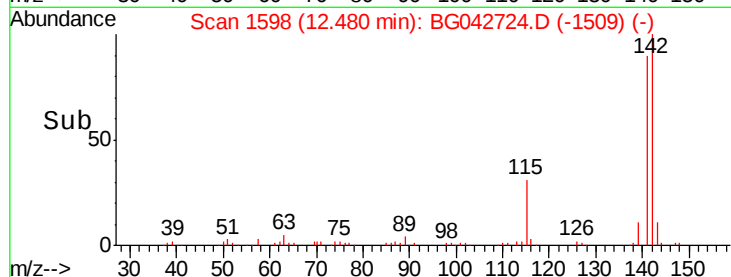
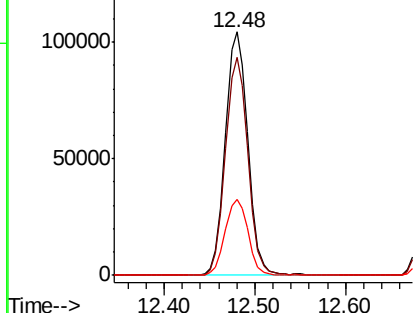
#37
 2-Methylnaphthalene
 Concen: 29.399 ng
 RT: 12.48 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BG042724.D
 Acq: 5 Sep 2019 17:29

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.4	107.2
115	31.3	25.2	37.8

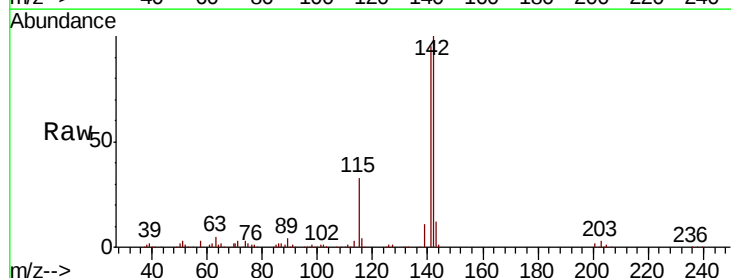


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

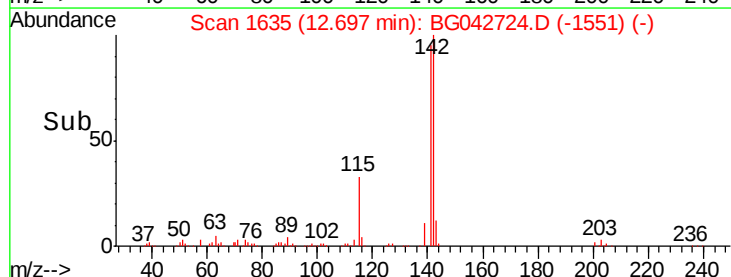
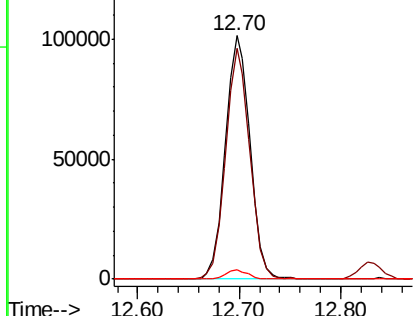


#38
 1-Methylnaphthalene
 Concen: 29.194 ng
 RT: 12.70 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BG042724.D
 Acq: 5 Sep 2019 17:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.0	76.2	114.2
116	3.7	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

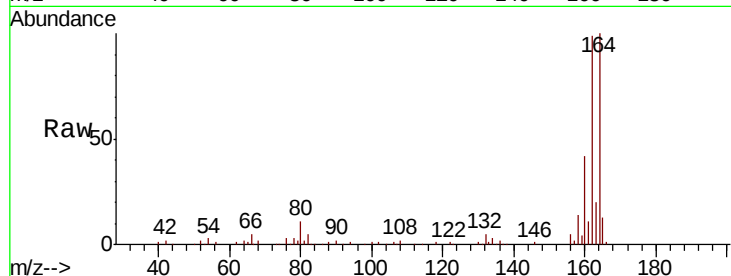




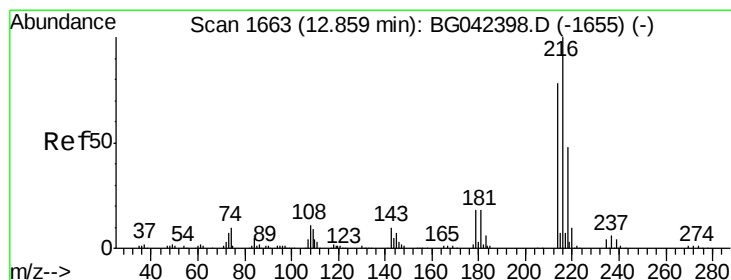
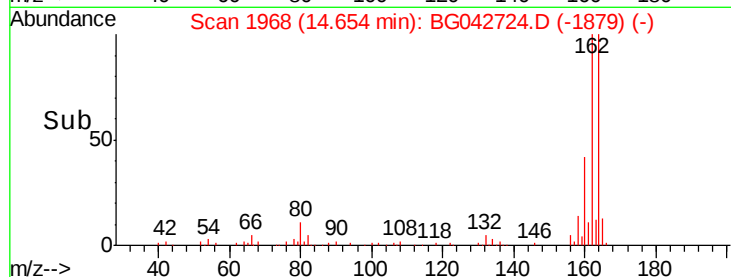
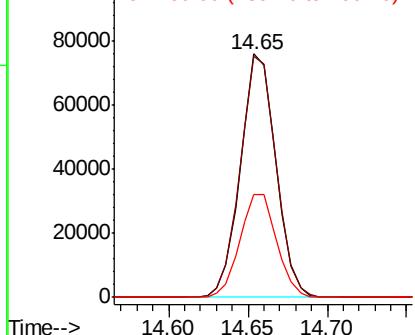
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BG042724.D
 Acq: 5 Sep 2019 17:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 117267
 Ion Ratio Lower Upper
 164 100
 162 98.9 79.9 119.9
 160 42.0 34.3 51.5

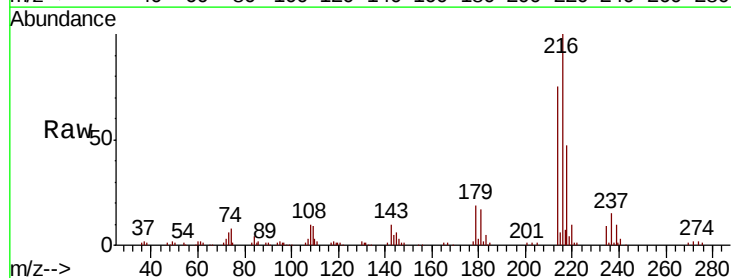


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

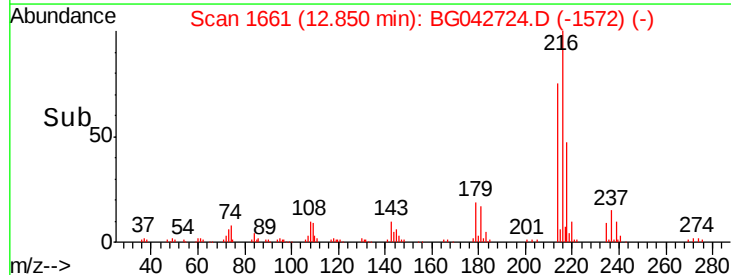
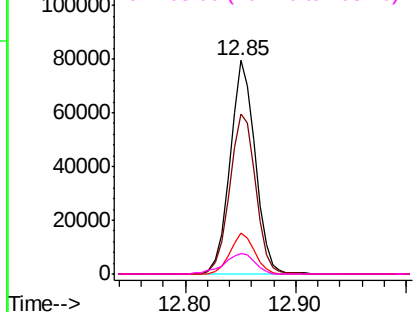


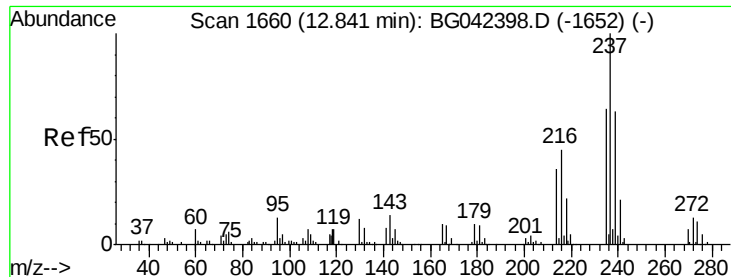
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.591 ng
 RT: 12.85 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BG042724.D
 Acq: 5 Sep 2019 17:29

Tgt Ion:216 Resp: 126499
 Ion Ratio Lower Upper
 216 100
 214 77.3 61.4 92.2
 179 18.7 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: 63.714 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG042724.D

Acq: 5 Sep 2019 17:29

Instrument :

BNA_G

ClientSampled :

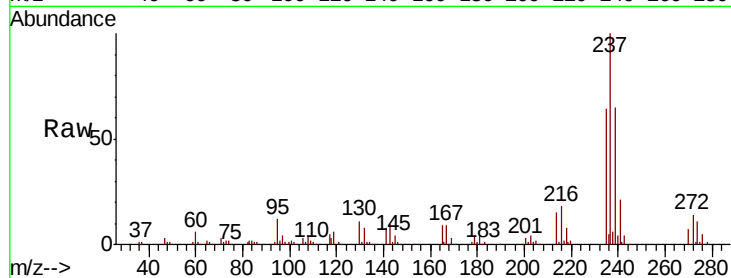
Tot Ion:237 Resp: 126037

Ion Ratio Lower Upper

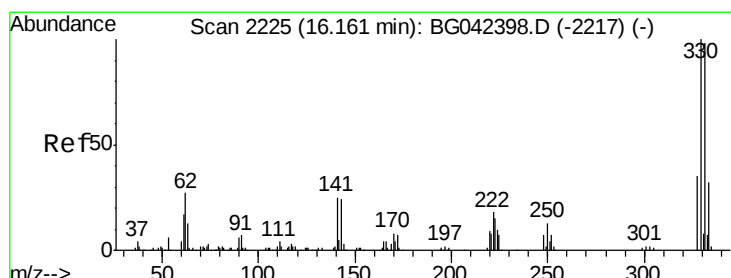
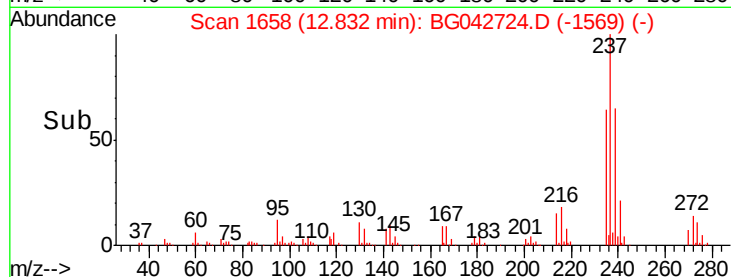
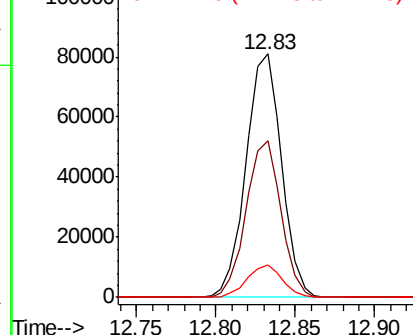
237 100

235 64.1 43.7 83.7

272 13.6 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: 99.228 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042724.D

Acq: 5 Sep 2019 17:29

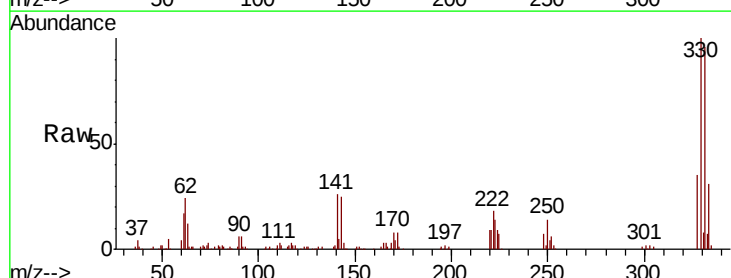
Tgt Ion:330 Resp: 165389

Ion Ratio Lower Upper

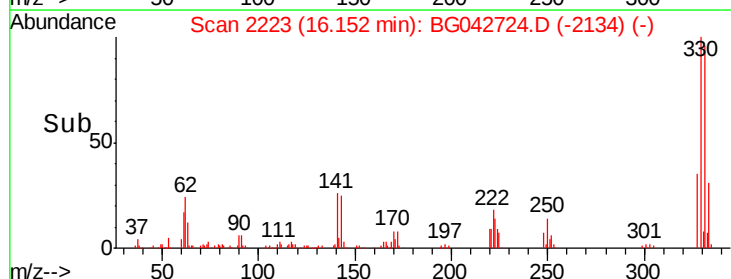
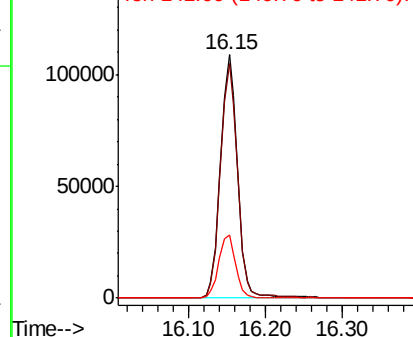
330 100

332 96.5 77.4 116.0

141 26.0 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

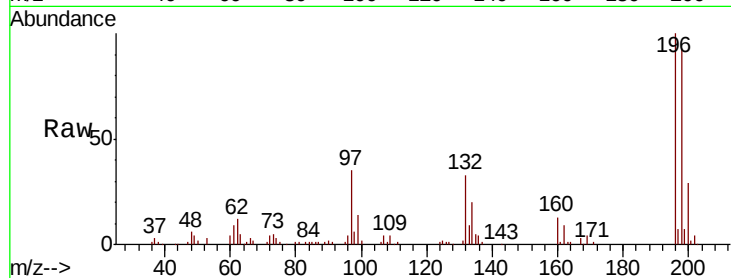




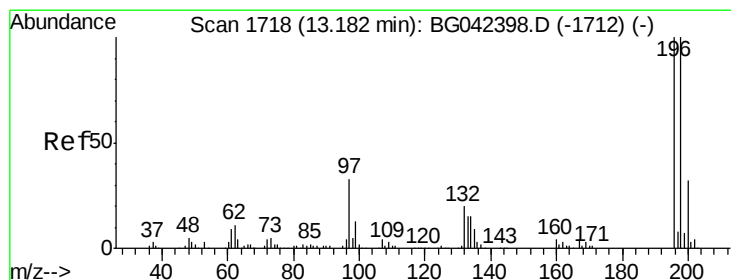
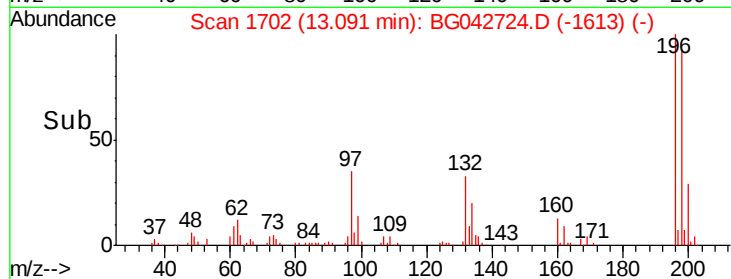
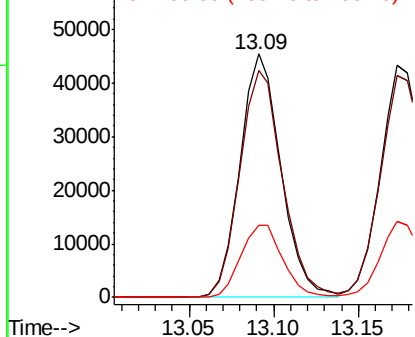
#43
 2,4,6-Trichlorophenol
 Concen: 30.189 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG042724.D
 Acq: 5 Sep 2019 17:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 76845
 Ion Ratio Lower Upper
 196 100
 198 93.4 80.7 121.1
 200 29.4 25.7 38.5



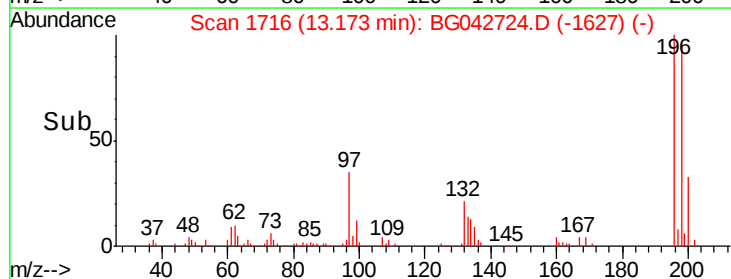
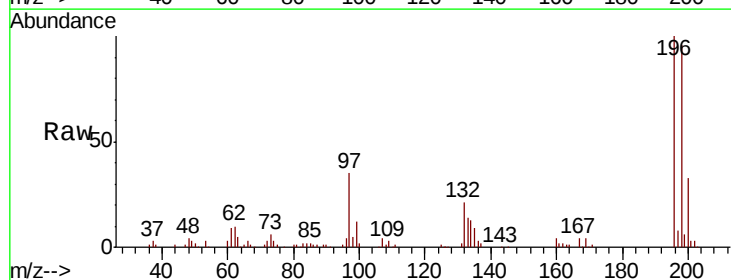
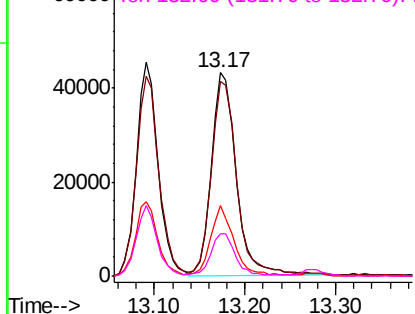
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

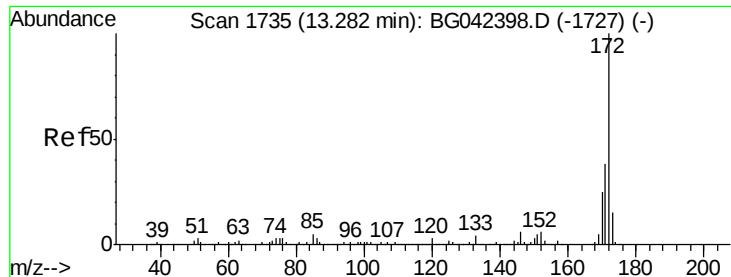


#44
 2,4,5-Trichlorophenol
 Concen: 31.149 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042724.D
 Acq: 5 Sep 2019 17:29

Tgt Ion:196 Resp: 82167
 Ion Ratio Lower Upper
 196 100
 198 95.6 80.2 120.4
 97 34.7 26.3 39.5
 132 20.6 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

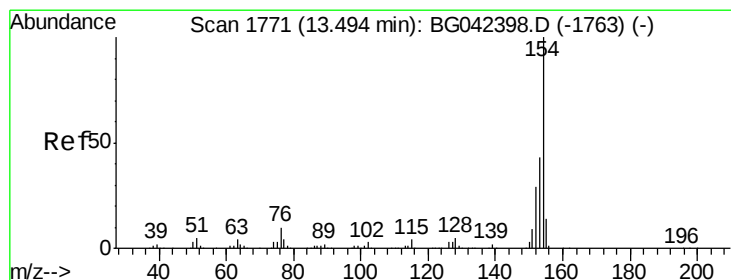
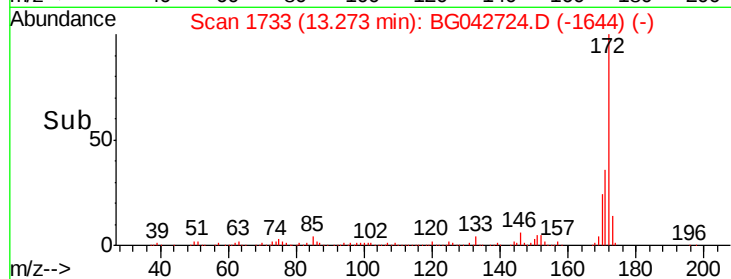
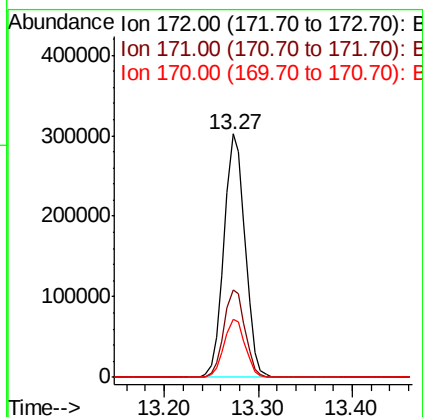
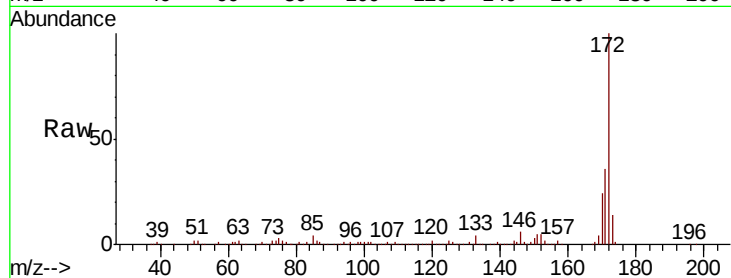




#45
 2-Fluorobiphenyl
 Concen: 68.016 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG042724.D
 Acq: 5 Sep 2019 17:29

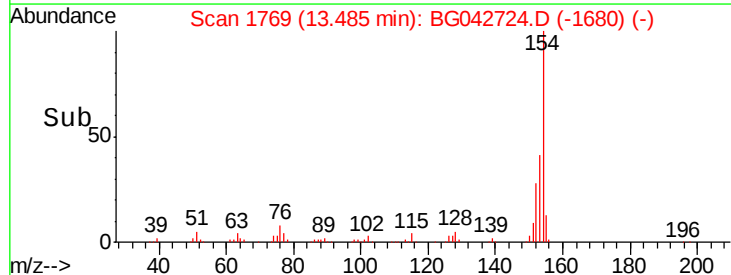
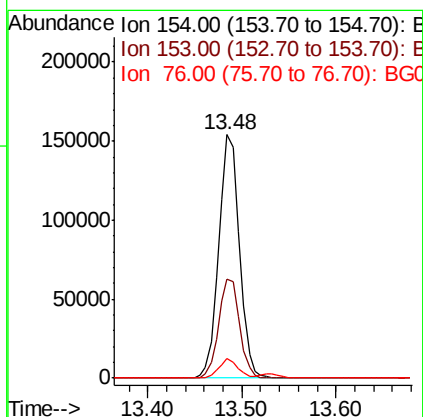
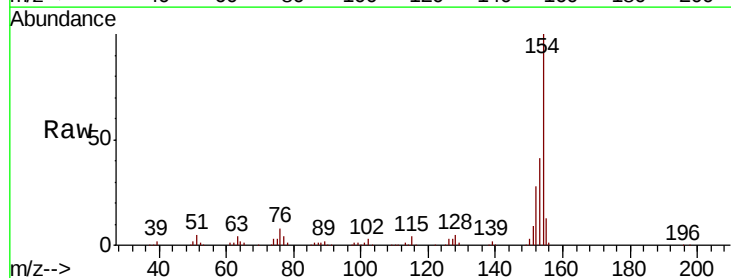
Instrument :
 BNA_G
 ClientSampleId :

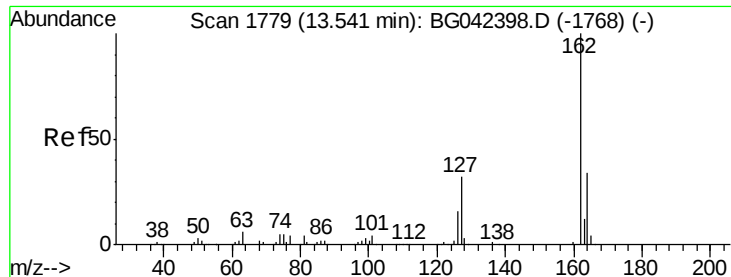
Tot Ion:172 Resp: 471598
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.5 45.7
 170 23.6 20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 31.181 ng
 RT: 13.48 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BG042724.D
 Acq: 5 Sep 2019 17:29

Tgt Ion:154 Resp: 236362
 Ion Ratio Lower Upper
 154 100
 153 40.9 23.0 63.0
 76 8.0 0.0 29.6

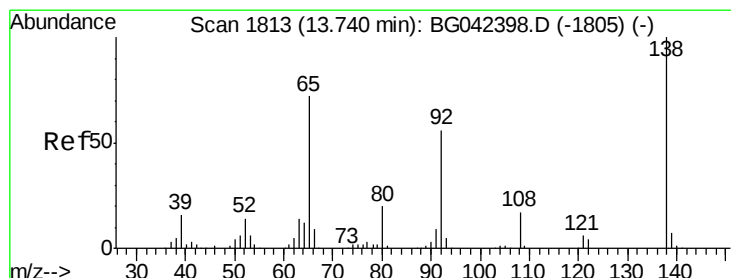
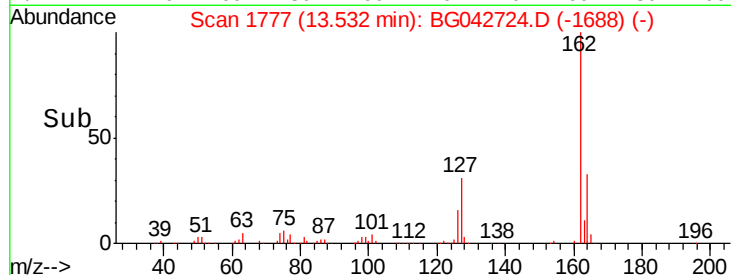
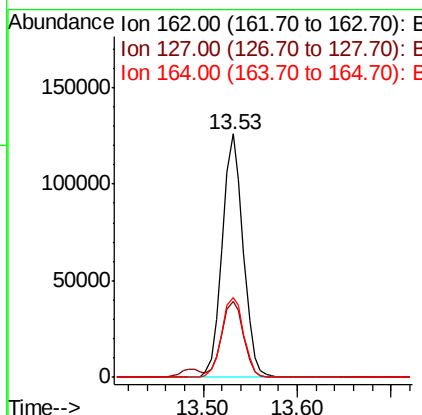
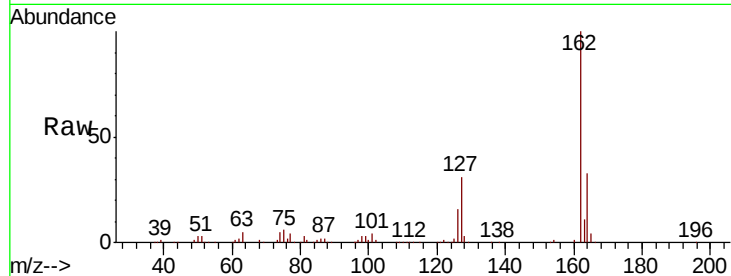




#47
 2-Chloronaphthalene
 Concen: 29.877 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG042724.D
 Acq: 5 Sep 2019 17:29

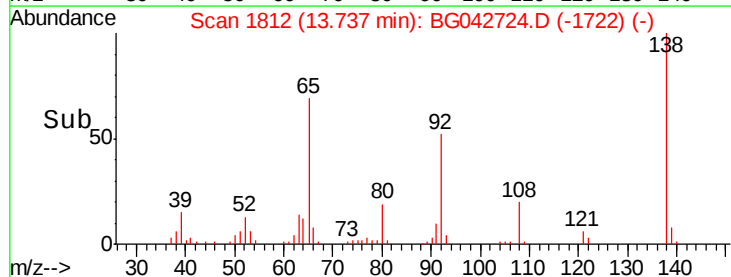
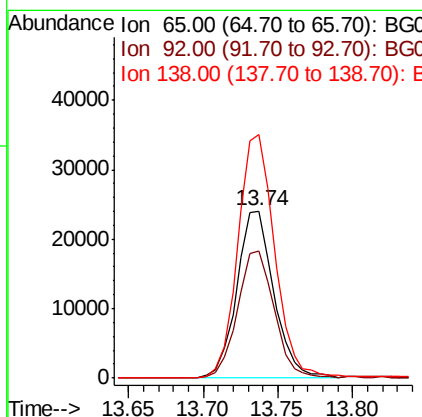
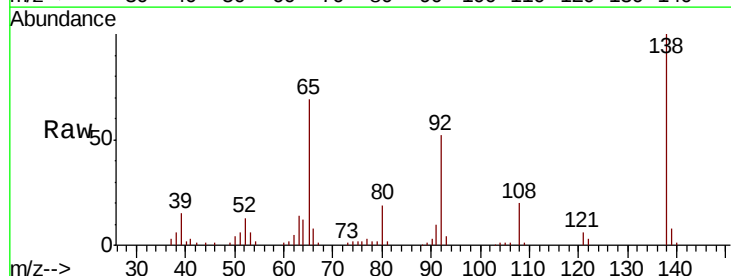
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	31.4	26.0	39.0
164	33.0	27.4	41.0



#48
 2-Nitroaniline
 Concen: 26.292 ng
 RT: 13.74 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BG042724.D
 Acq: 5 Sep 2019 17:29

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.3	61.8	92.6
138	145.6	111.0	166.6





#49

Acenaphthylene

Concen: 30.782 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG042724.D

Acq: 5 Sep 2019 17:29

Instrument :

BNA_G

ClientSampled :

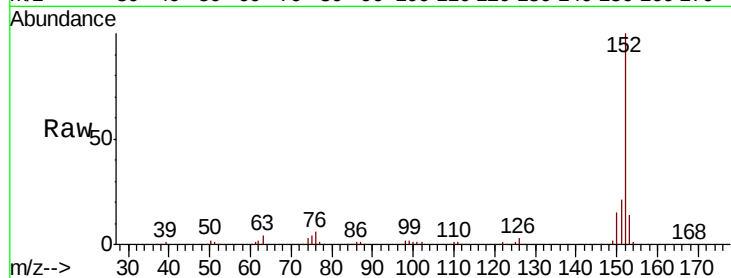
Tot Ion:152 Resp: 302696

Ion Ratio Lower Upper

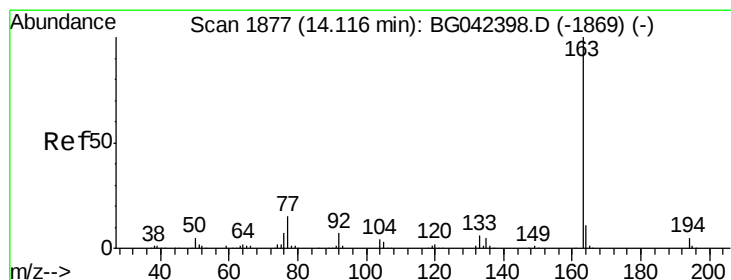
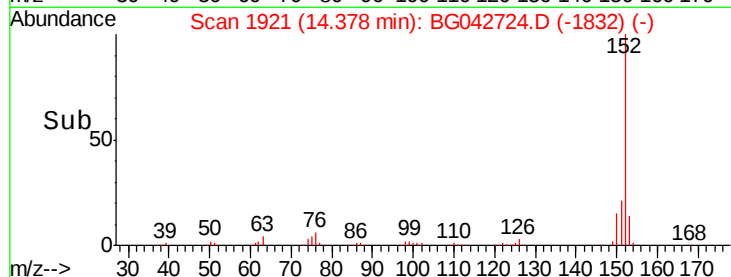
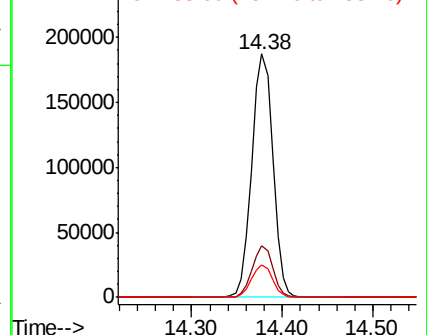
152 100

151 21.2 17.0 25.4

153 13.5 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: 29.147 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG042724.D

Acq: 5 Sep 2019 17:29

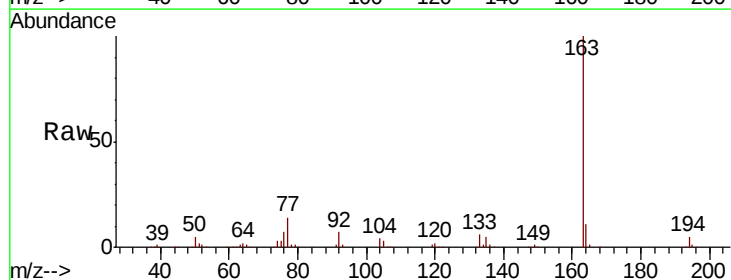
Tgt Ion:163 Resp: 246620

Ion Ratio Lower Upper

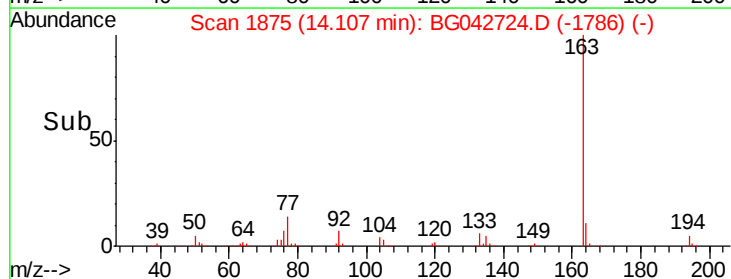
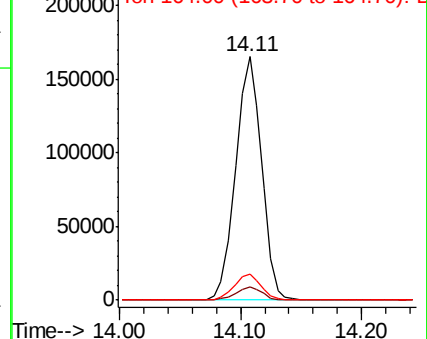
163 100

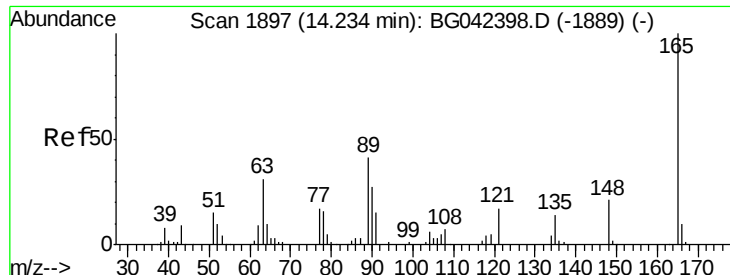
194 5.2 4.2 6.2

164 10.8 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

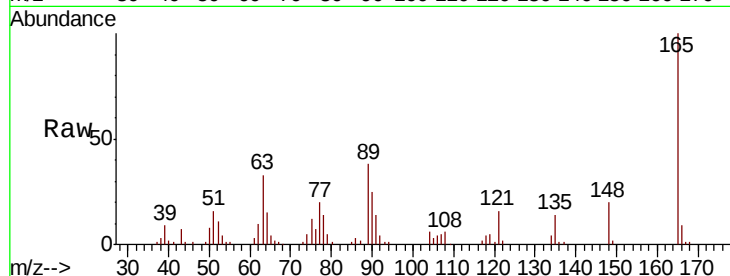




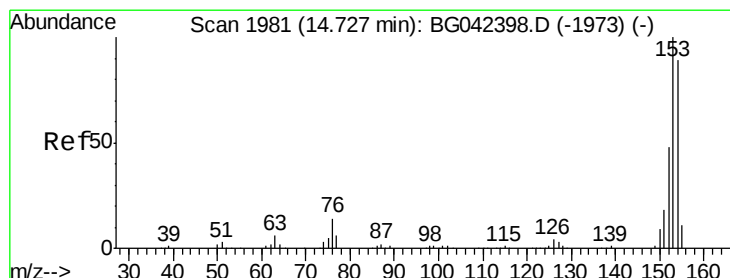
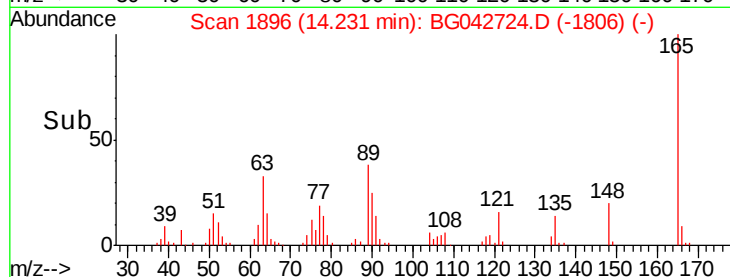
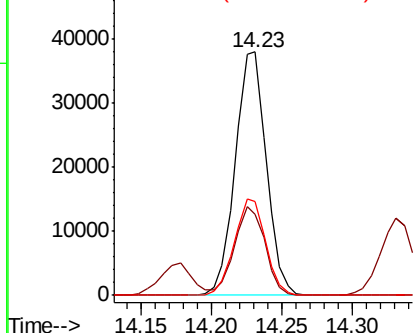
#51
 2,6-Dinitrotoluene
 Concen: 29.679 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.00 min
 Lab File: BG042724.D
 Acq: 5 Sep 2019 17:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 58207
 Ion Ratio Lower Upper
 165 100
 63 33.2 30.6 45.8
 89 38.4 32.6 49.0

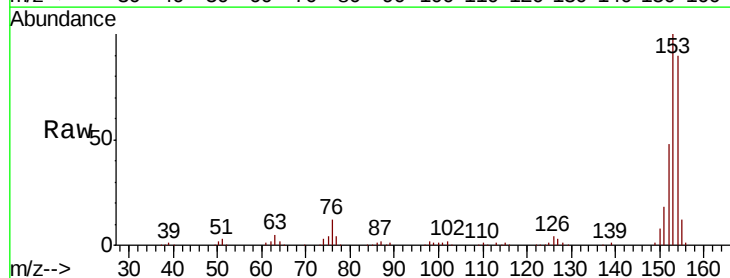


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

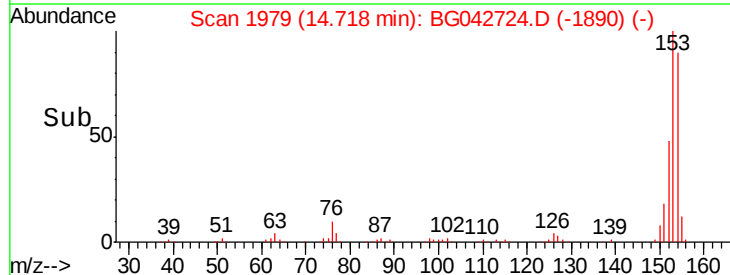
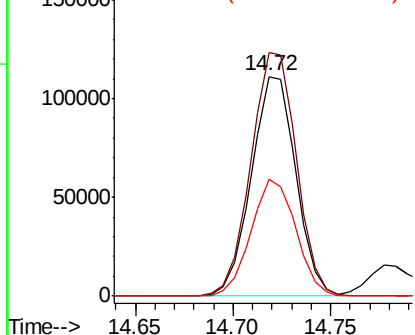


#52
 Acenaphthene
 Concen: 29.461 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.01 min
 Lab File: BG042724.D
 Acq: 5 Sep 2019 17:29

Tgt Ion:154 Resp: 175910
 Ion Ratio Lower Upper
 154 100
 153 110.8 90.2 135.4
 152 53.3 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

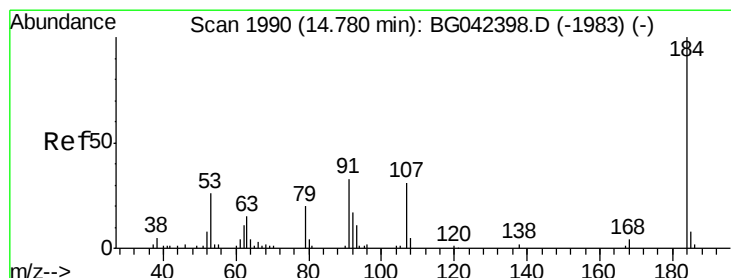
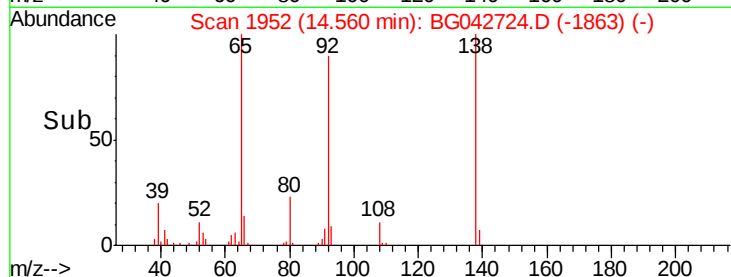
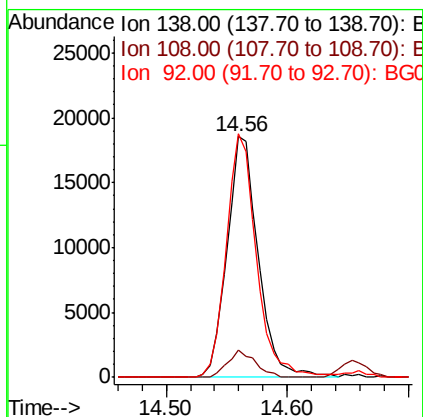
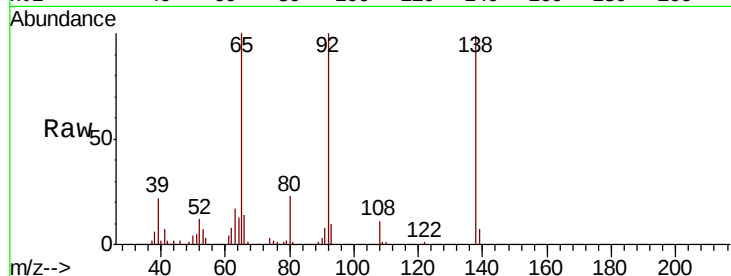




#53
3-Nitroaniline
Concen: 16.969 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG042724.D
Acq: 5 Sep 2019 17:29

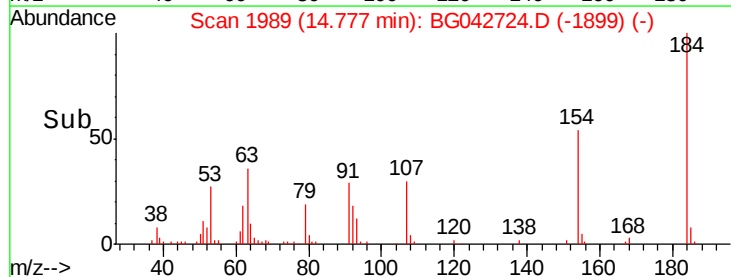
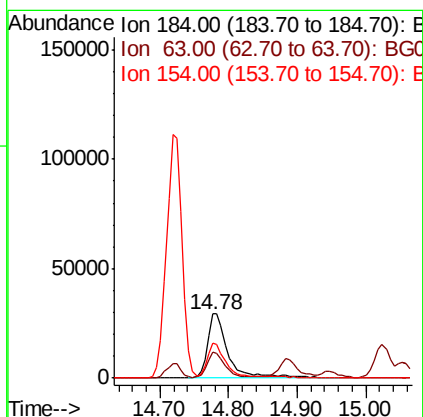
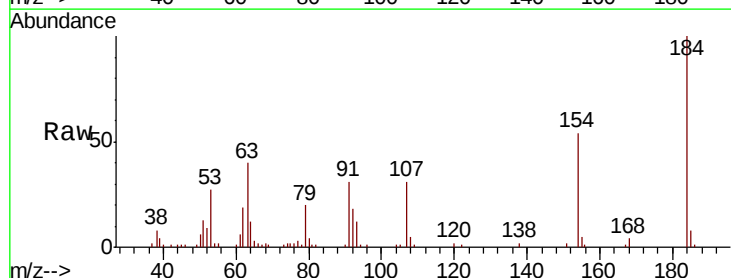
Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 33283
Ion Ratio Lower Upper
138 100
108 11.5 8.3 12.5
92 101.1 78.2 117.4



#54
2,4-Dinitrophenol
Concen: 49.278 ng
RT: 14.78 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BG042724.D
Acq: 5 Sep 2019 17:29

Tgt Ion:184 Resp: 61700
Ion Ratio Lower Upper
184 100
63 39.9 31.7 47.5
154 53.6 42.0 63.0

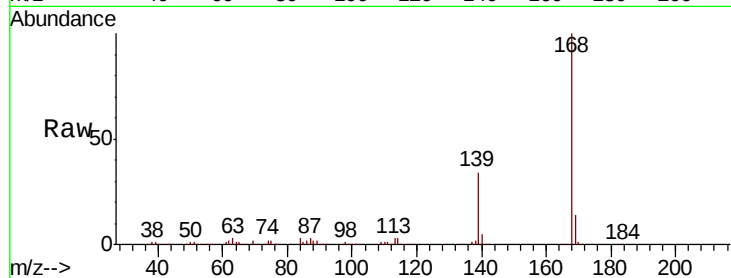




#55
Dibenzenofuran
Concen: 30.853 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG042724.D
Acq: 5 Sep 2019 17:29

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
168	100		
139	33.9	27.2	40.8
169	14.0	11.5	17.3

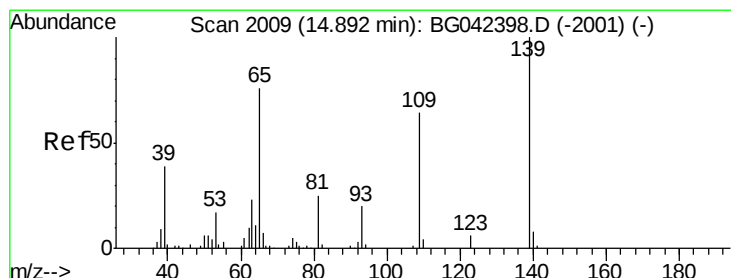
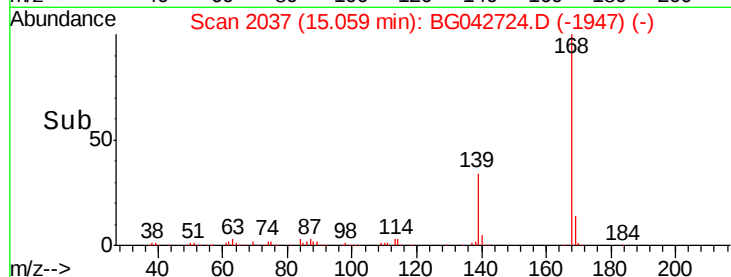
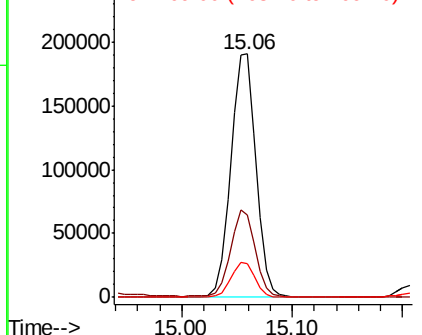


Abundance

Ion 168.00 (167.70 to 168.70): E

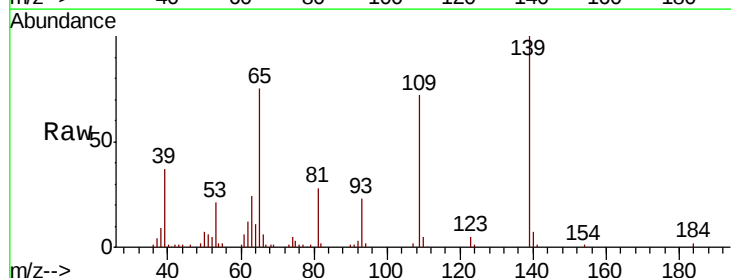
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 56.556 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG042724.D
Acq: 5 Sep 2019 17:29

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.0	43.9	83.9
65	75.1	56.3	96.3

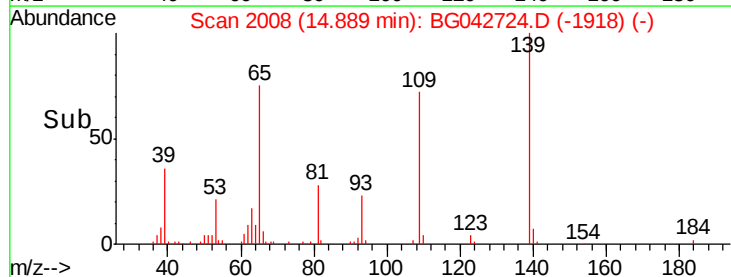
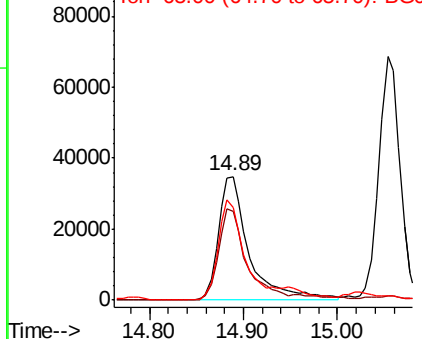


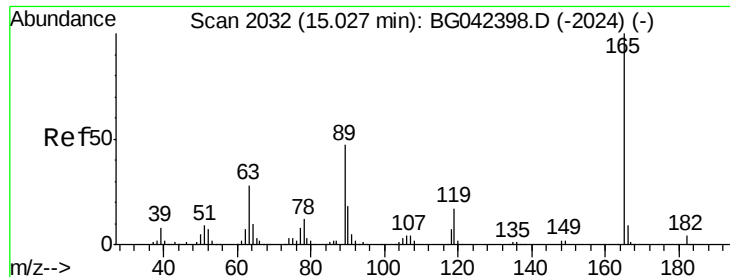
Abundance

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

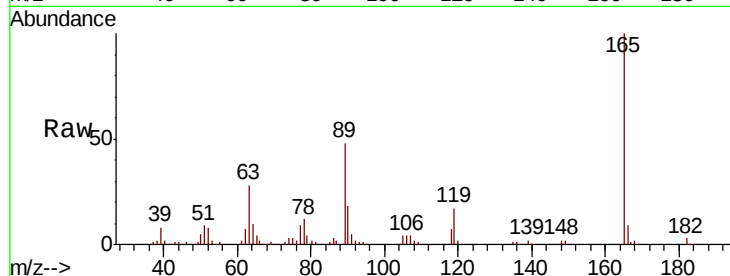




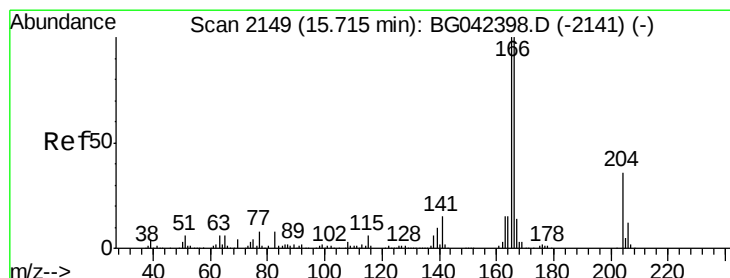
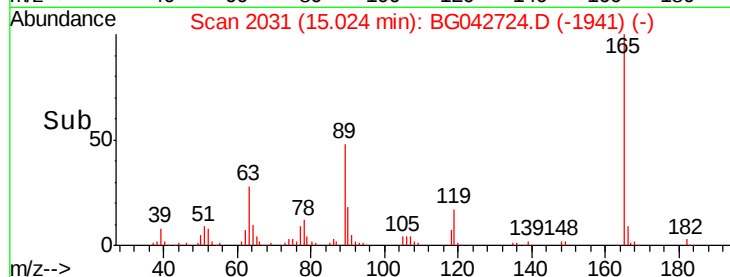
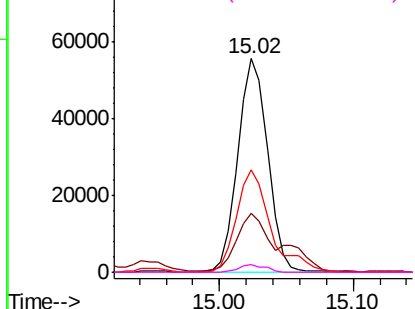
#57
2,4-Dinitrotoluene
Concen: 30.633 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BG042724.D
Acq: 5 Sep 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165	Resp:	86032
Ion Ratio	Lower	Upper
165	100	
63	27.7	22.5 33.7
89	48.2	37.8 56.6
182	3.4	3.0 4.4

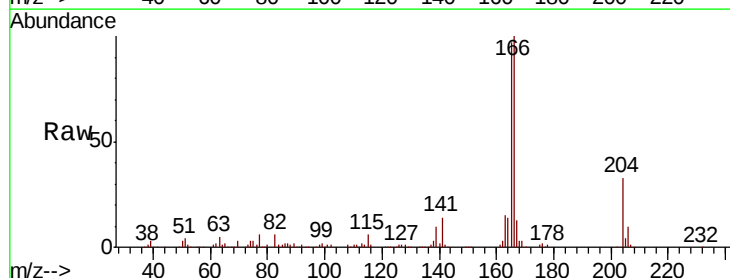


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

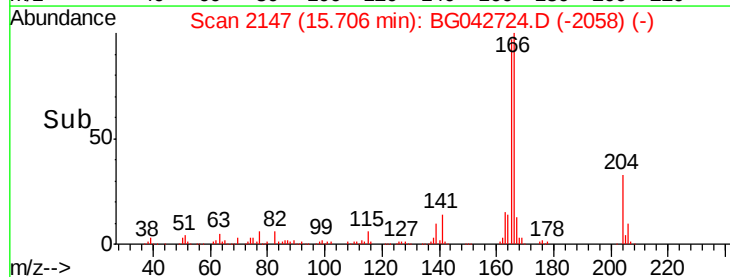
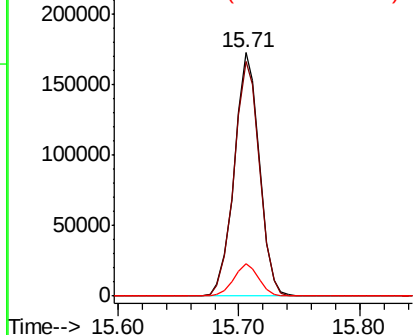


#58
Fluorene
Concen: 30.852 ng
RT: 15.71 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG042724.D
Acq: 5 Sep 2019 17:29

Tgt Ion:166	Resp:	249270
Ion Ratio	Lower	Upper
166	100	
165	96.6	79.7 119.5
167	13.4	10.9 16.3



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

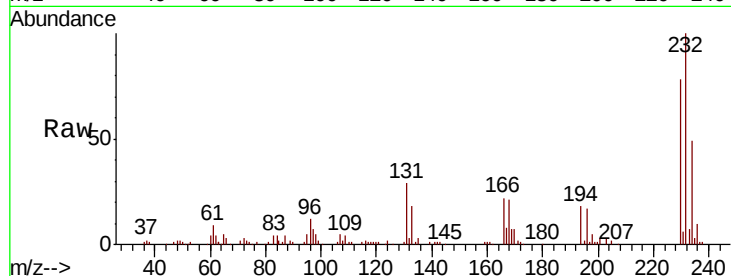




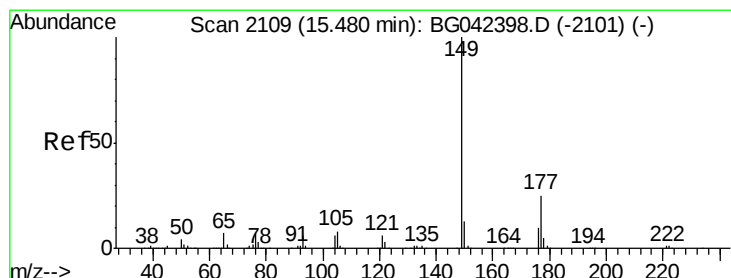
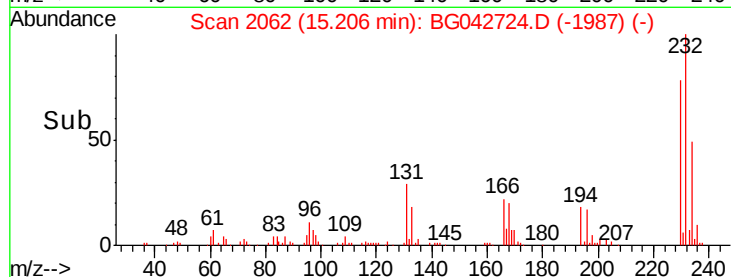
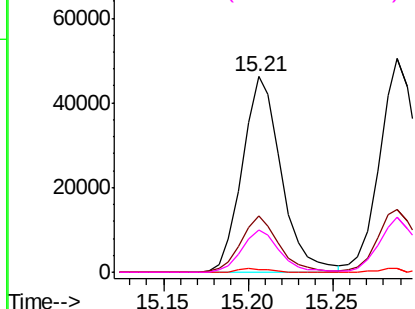
#59
2,3,4,6-Tetrachlorophenol
Concen: 28.560 ng
RT: 15.21 min Scan# 2062
Delta R.T. -0.09 min
Lab File: BG042724.D
Acq: 5 Sep 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:232 Resp: 74503
Ion Ratio Lower Upper
232 100
131 28.2 22.9 34.3
130 1.5 1.4 2.0
166 20.7 17.0 25.4

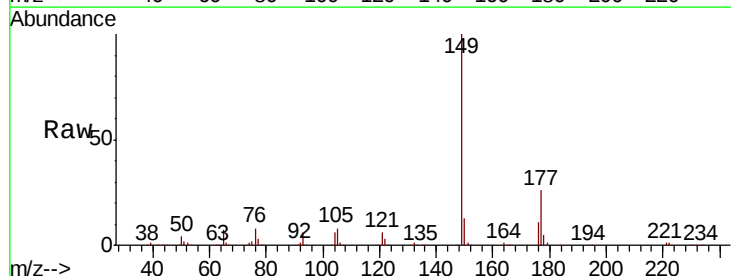


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

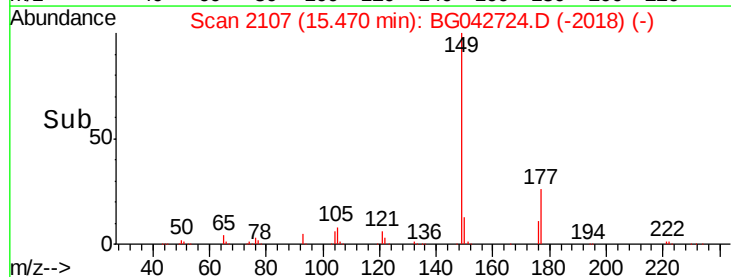
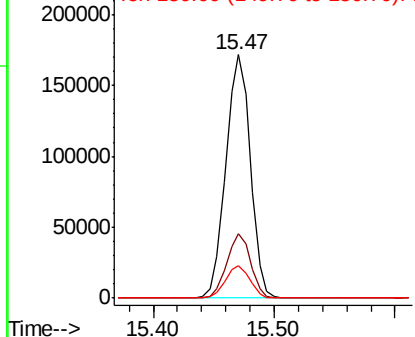


#60
Diethylphthalate
Concen: 29.179 ng
RT: 15.47 min Scan# 2107
Delta R.T. -0.01 min
Lab File: BG042724.D
Acq: 5 Sep 2019 17:29

Tgt Ion:149 Resp: 241347
Ion Ratio Lower Upper
149 100
177 26.3 20.4 30.6
150 13.4 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

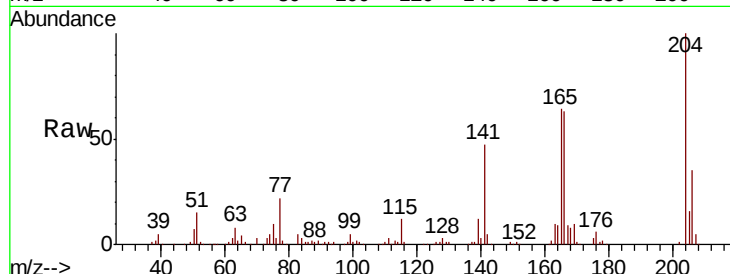




#61
4-Chlorophenyl-phenylether
Concen: 30.674 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BG042724.D
Acq: 5 Sep 2019 17:29

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.0	27.2	40.8
141	46.6	38.7	58.1

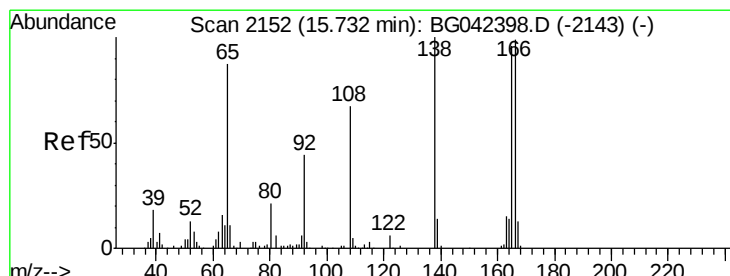
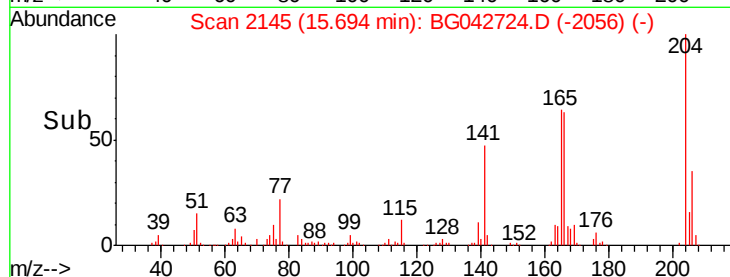
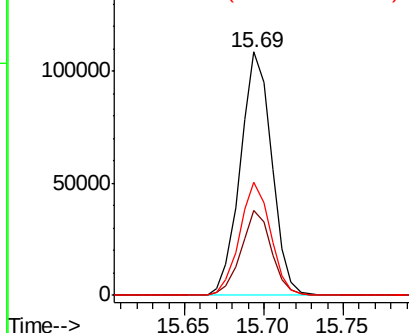


Abundance

Ion 204.00 (203.70 to 204.70): E

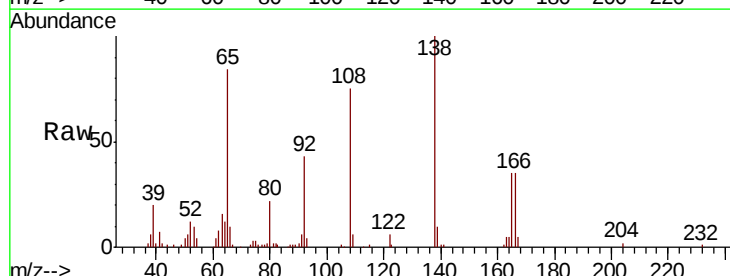
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 29.888 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG042724.D
Acq: 5 Sep 2019 17:29

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.3	24.2	64.2
108	75.1	46.8	86.8

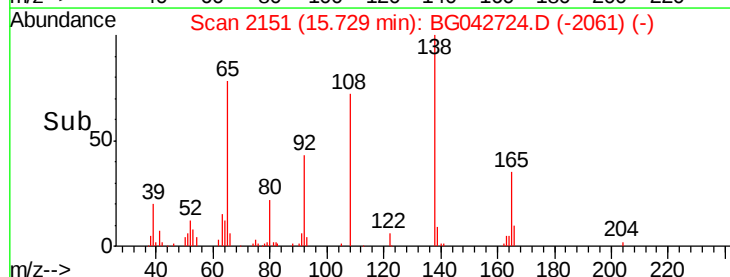
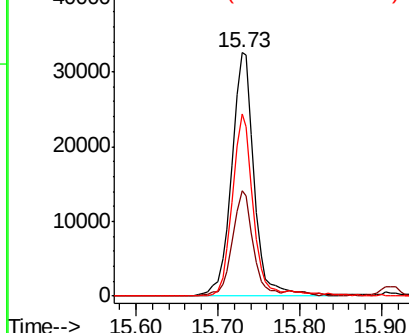


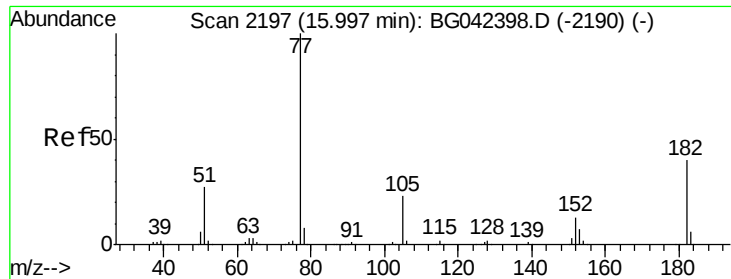
Abundance

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

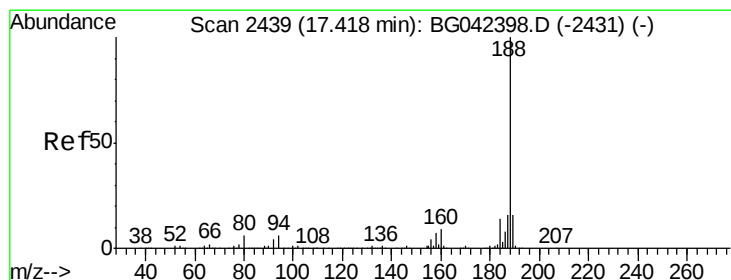
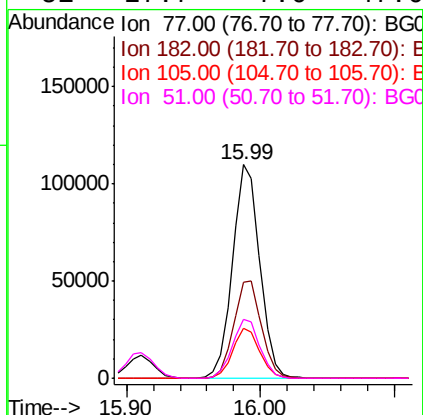
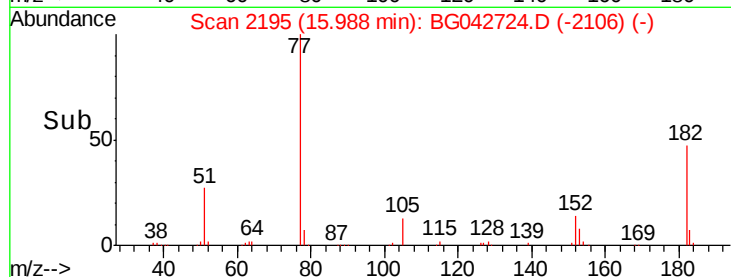
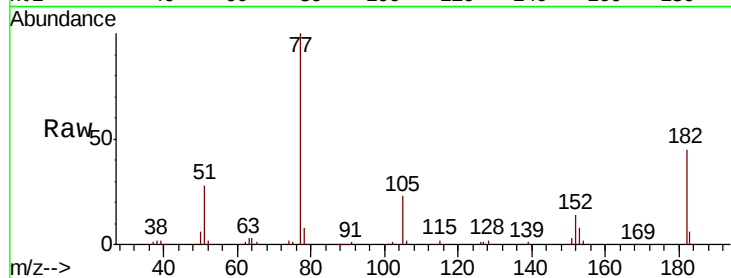




#63
Azobenzene
Concen: 27.484 ng
RT: 15.99 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BG042724.D
Acq: 5 Sep 2019 17:29

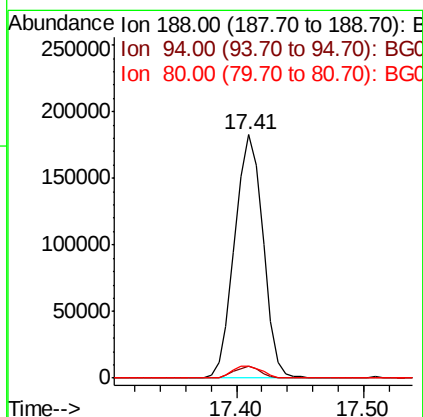
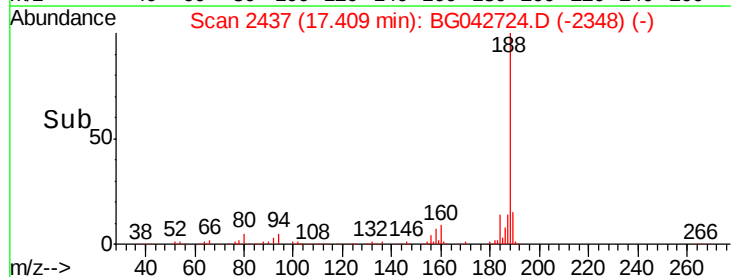
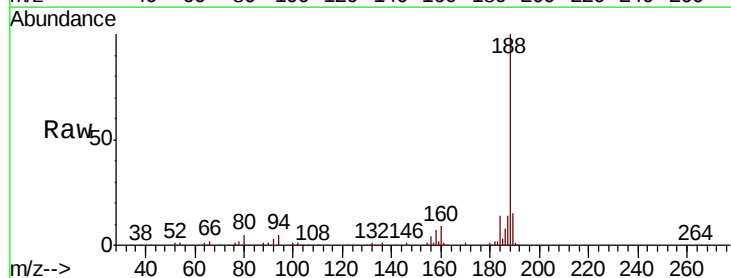
Instrument :
BNA_G
ClientSampleId :

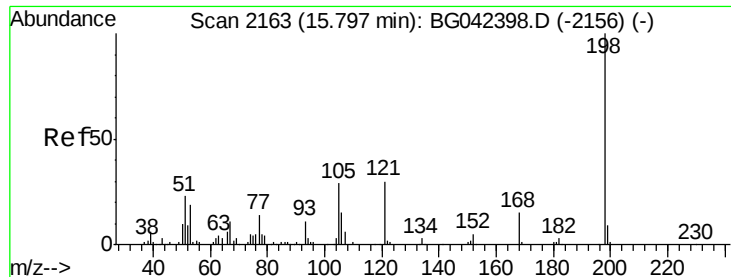
Tot Ion: 77 Resp: 155770
Ion Ratio Lower Upper
77 100
182 44.8 19.9 59.9
105 23.3 2.9 42.9
51 27.7 7.6 47.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042724.D
Acq: 5 Sep 2019 17:29

Tgt Ion: 188 Resp: 283433
Ion Ratio Lower Upper
188 100
94 4.9 4.5 6.7
80 4.9 4.9 7.3





#65

4,6-Dinitro-2-methylphenol

Concen: 31.714 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG042724.D

Acq: 5 Sep 2019 17:29

Instrument :

BNA_G

ClientSampleId :

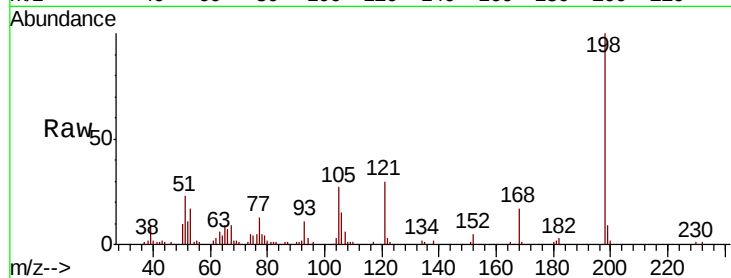
Tot Ion:198 Resp: 56356

Ion Ratio Lower Upper

198 100

51 23.4 4.2 44.2

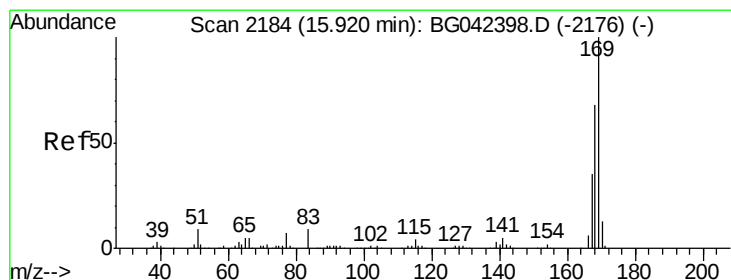
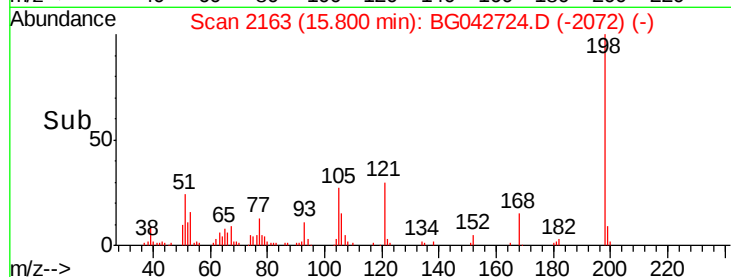
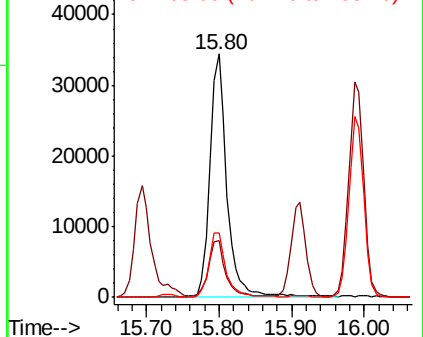
105 26.7 8.8 48.8



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: 29.926 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG042724.D

Acq: 5 Sep 2019 17:29

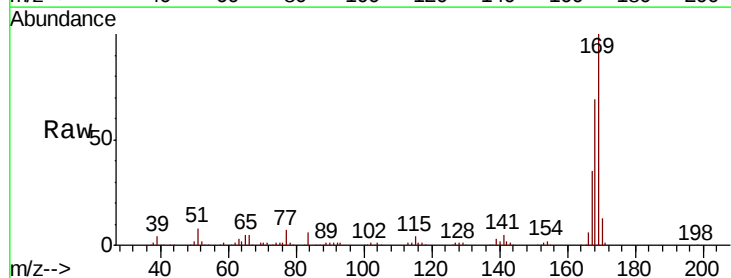
Tgt Ion:169 Resp: 233258

Ion Ratio Lower Upper

169 100

168 68.8 54.3 81.5

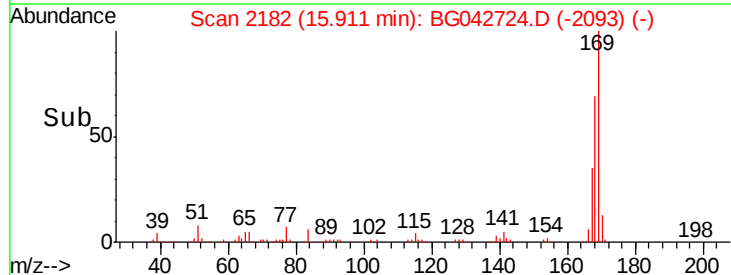
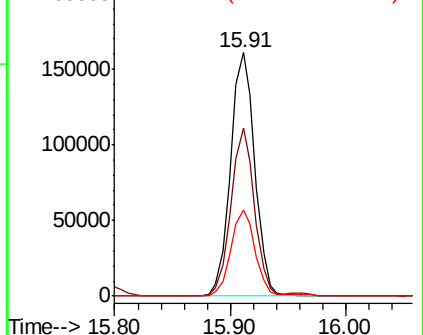
167 35.3 28.2 42.2



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

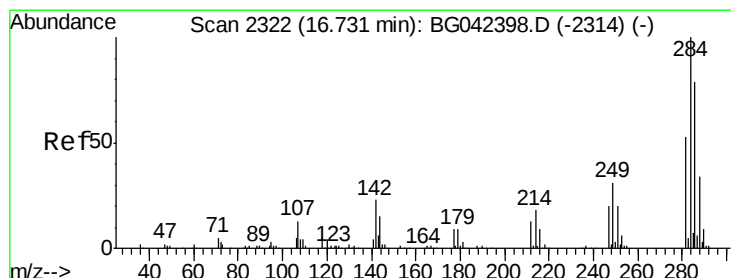
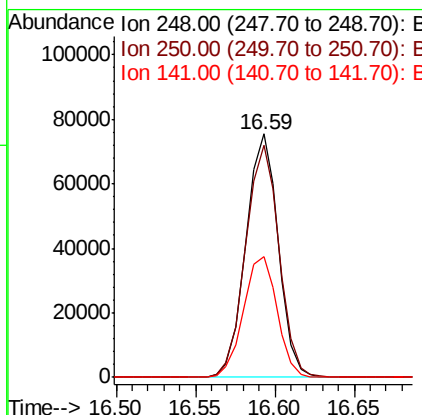
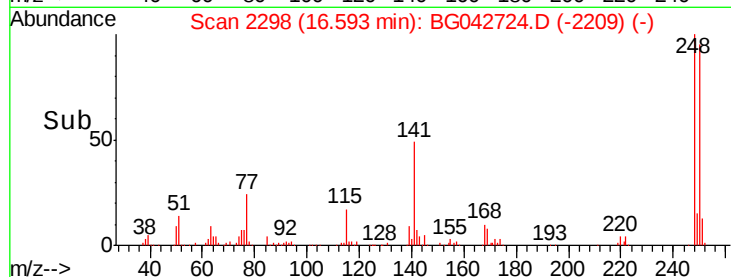
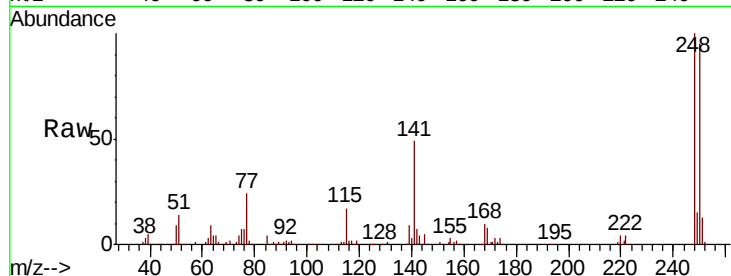




#67
 4-Bromophenyl-phenylether
 Concen: 29.724 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG042724.D
 Acq: 5 Sep 2019 17:29

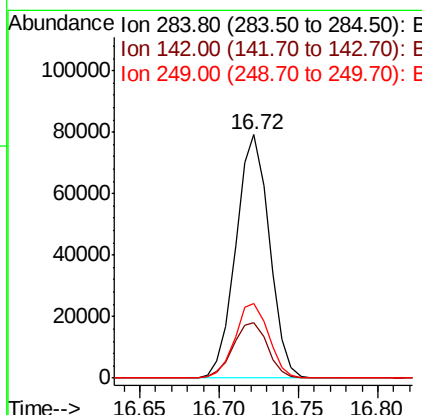
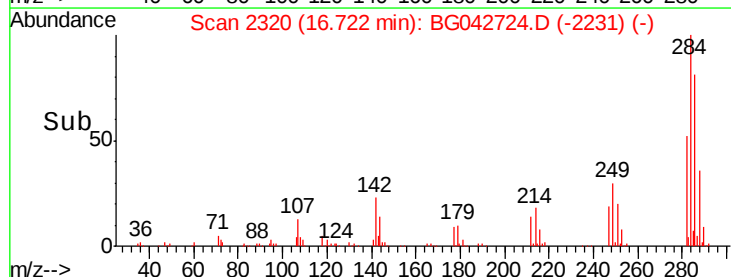
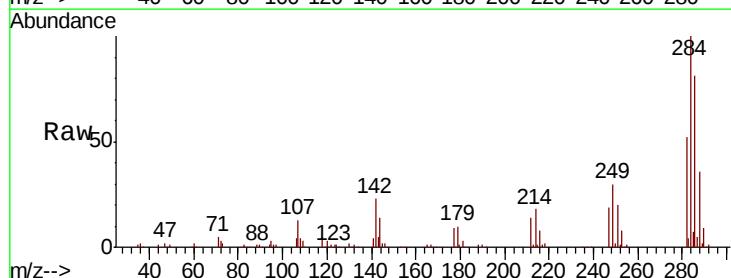
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 106861
 Ion Ratio Lower Upper
 248 100
 250 95.5 78.9 118.3
 141 49.5 43.3 64.9



#68
 Hexachlorobenzene
 Concen: 29.644 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG042724.D
 Acq: 5 Sep 2019 17:29

Tgt Ion:284 Resp: 115854
 Ion Ratio Lower Upper
 284 100
 142 22.6 18.2 27.4
 249 30.5 25.0 37.4





#69

Atrazine

Concen: 34.175 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.00 min

Lab File: BG042724.D

Acq: 5 Sep 2019 17:29

Instrument :

BNA_G

ClientSampleId :

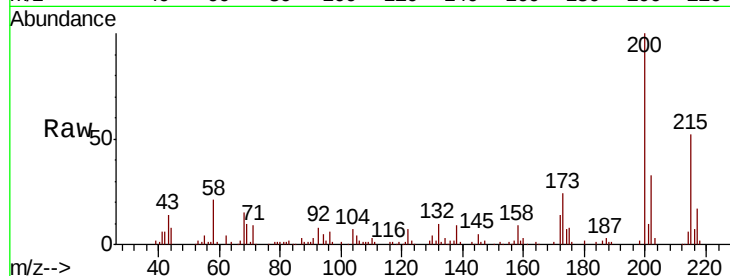
Tot Ion:200 Resp: 94200

Ion Ratio Lower Upper

200 100

173 23.8 4.9 44.9

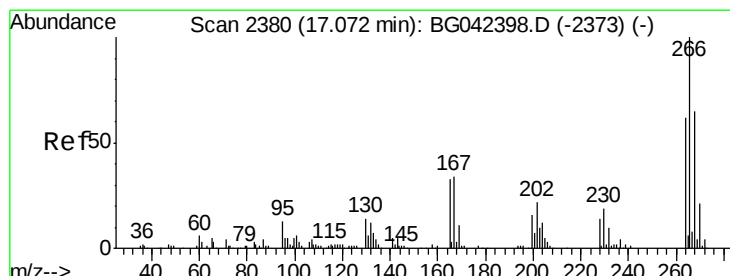
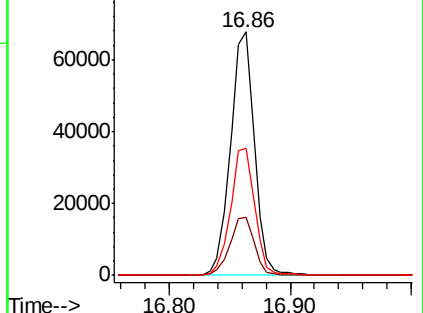
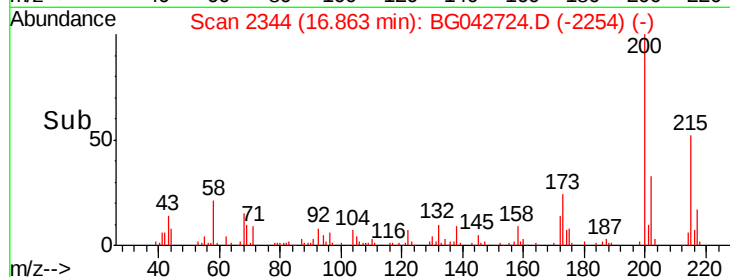
215 52.4 30.7 70.7



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: 56.867 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.00 min

Lab File: BG042724.D

Acq: 5 Sep 2019 17:29

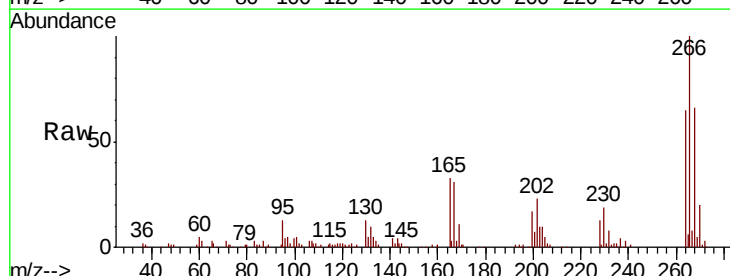
Tgt Ion:266 Resp: 115477

Ion Ratio Lower Upper

266 100

268 66.5 52.1 78.1

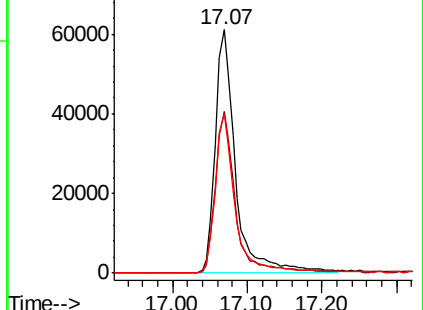
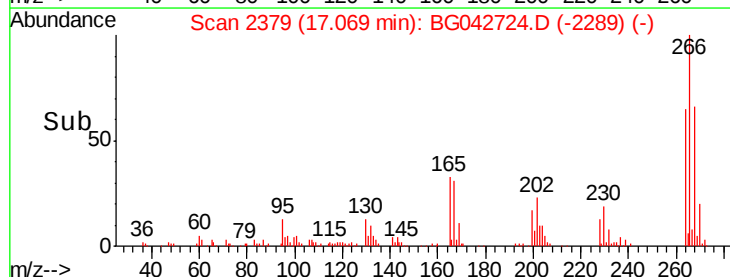
264 65.3 49.4 74.2

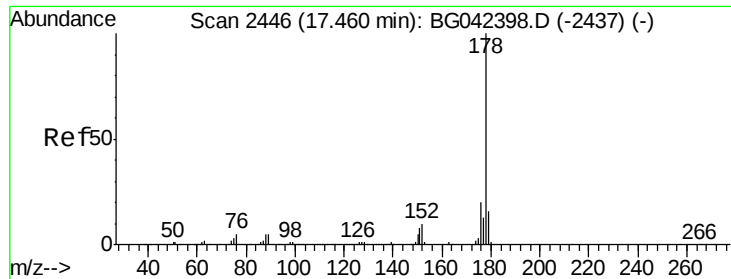


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

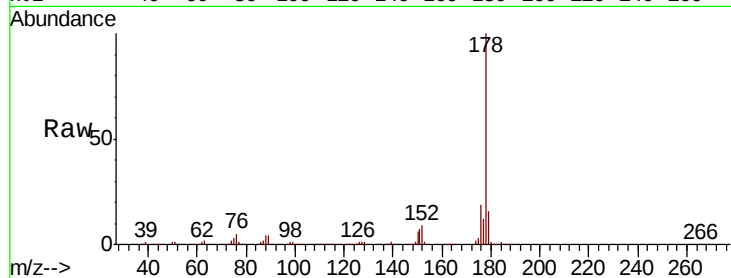




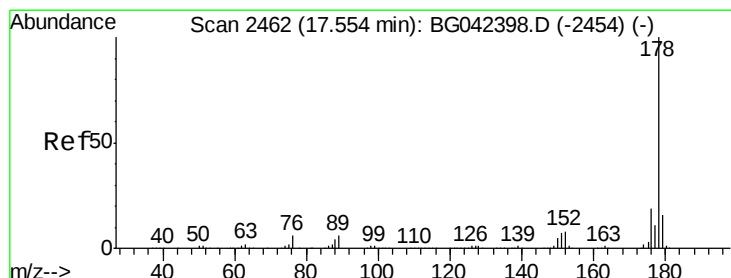
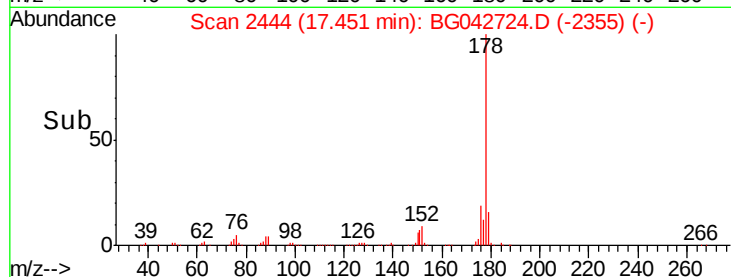
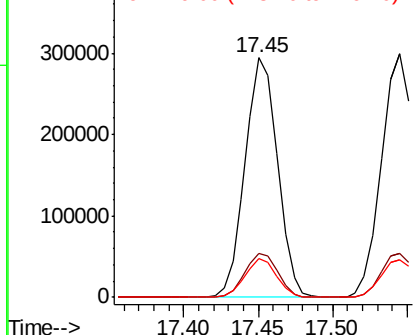
#71
Phenanthrene
Concen: 31.476 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG042724.D
Acq: 5 Sep 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 443139
Ion Ratio Lower Upper
178 100
176 18.5 15.9 23.9
179 16.1 12.7 19.1

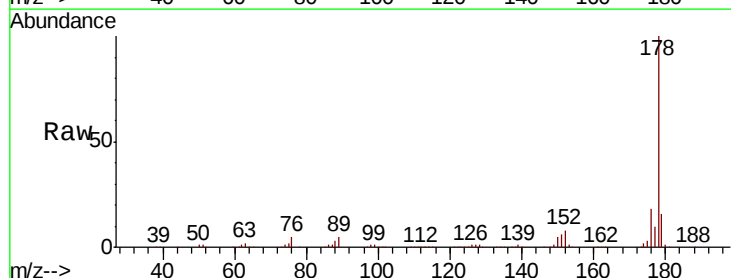


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

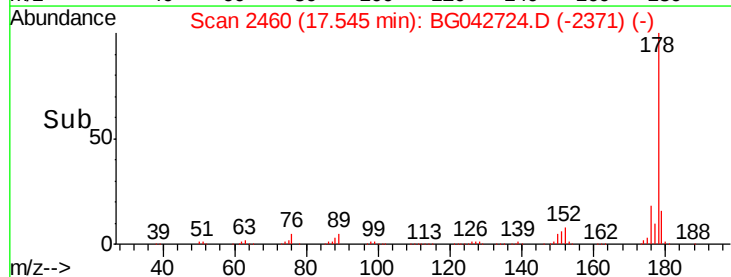
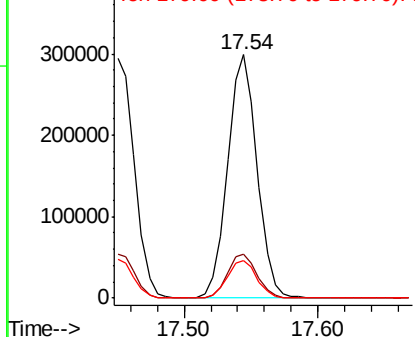


#72
Anthracene
Concen: 32.608 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG042724.D
Acq: 5 Sep 2019 17:29

Tgt Ion:178 Resp: 458295
Ion Ratio Lower Upper
178 100
176 18.1 15.5 23.3
179 15.7 12.9 19.3



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

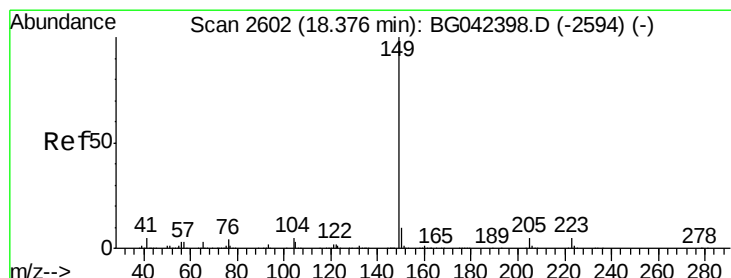
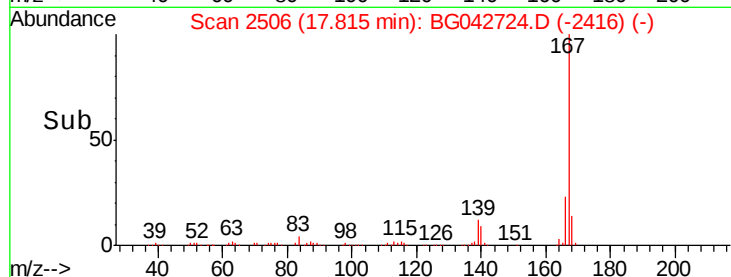
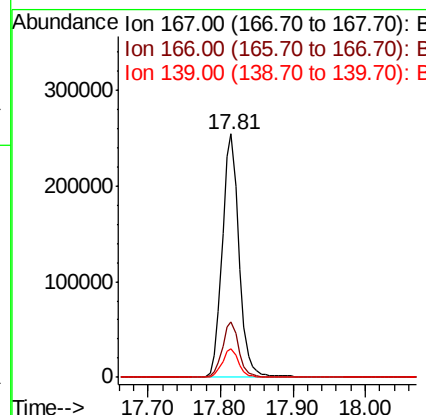
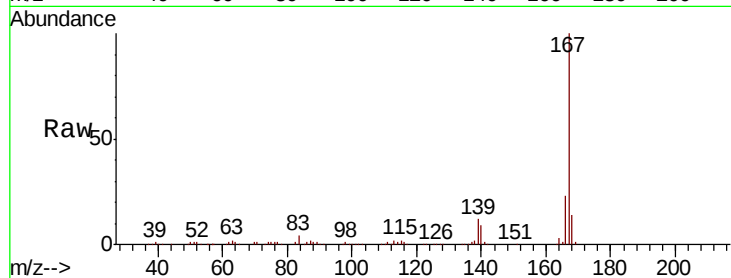




#73
 Carbazole
 Concen: 32.671 ng
 RT: 17.81 min Scan# 2506
 Delta R.T. -0.00 min
 Lab File: BG042724.D
 Acq: 5 Sep 2019 17:29

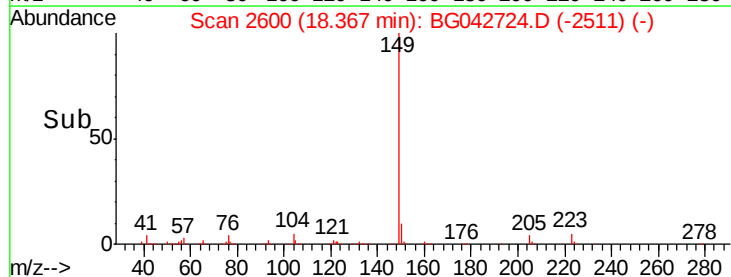
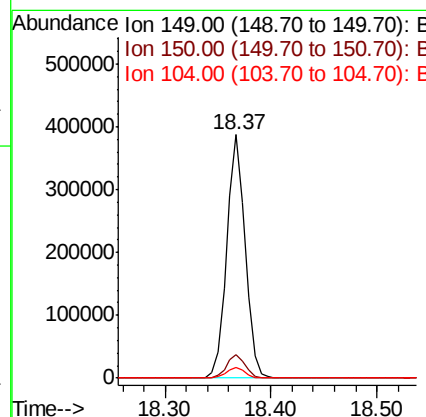
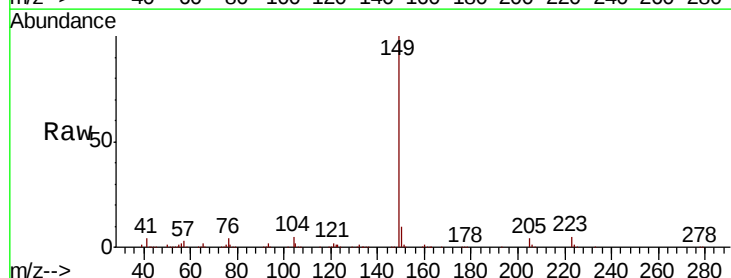
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.9	28.3
139	11.5	9.8	14.6



#74
 Di-n-butylphthalate
 Concen: 31.751 ng
 RT: 18.37 min Scan# 2600
 Delta R.T. -0.01 min
 Lab File: BG042724.D
 Acq: 5 Sep 2019 17:29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.1	12.1
104	4.5	3.7	5.5





#75

Fluoranthene

Concen: 36.530 ng

RT: 19.47 min Scan# 2787

Delta R.T. -0.00 min

Lab File: BG042724.D

Acq: 5 Sep 2019 17:29

Instrument :

BNA_G

ClientSampleId :

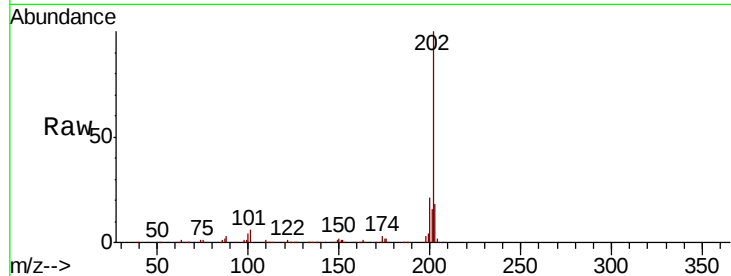
Tot Ion:202 Resp: 627652

Ion Ratio Lower Upper

202 100

101 5.8 0.0 28.3

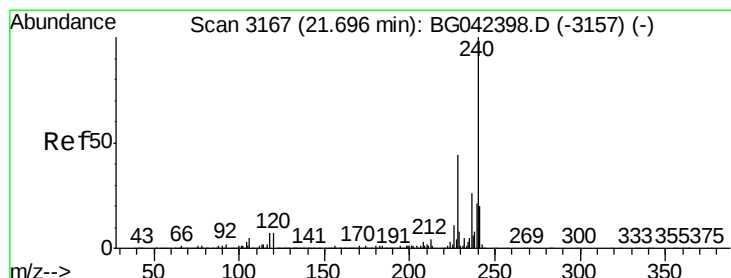
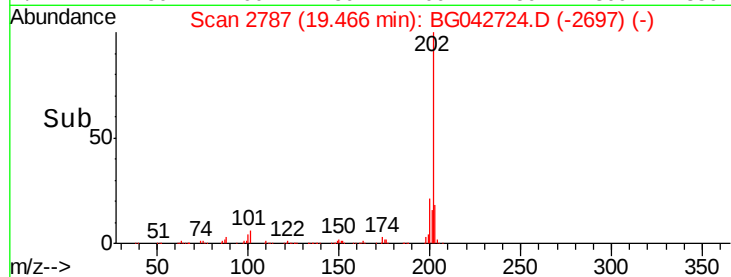
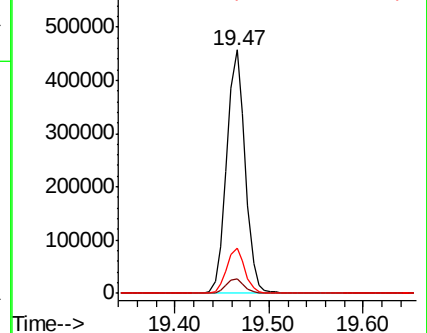
203 18.5 0.0 39.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042724.D

Acq: 5 Sep 2019 17:29

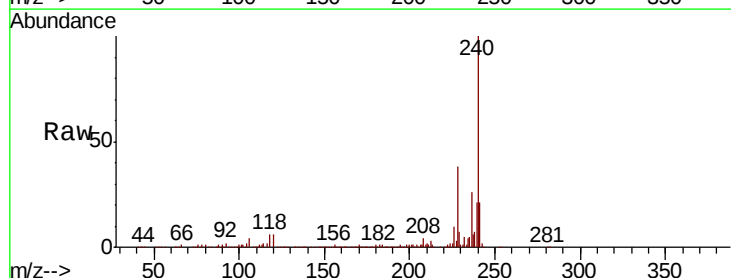
Tgt Ion:240 Resp: 335505

Ion Ratio Lower Upper

240 100

120 6.0 5.7 8.5

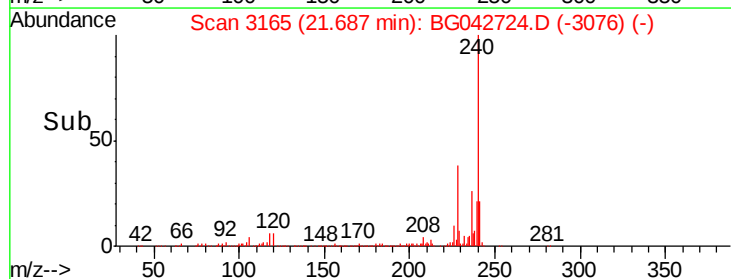
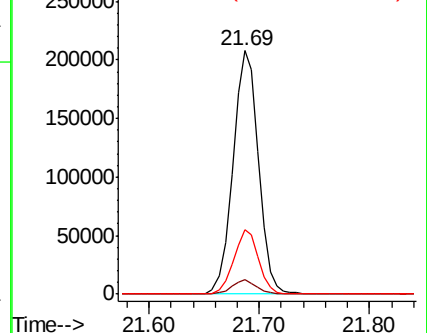
236 26.5 21.0 31.4



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: 22.541 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BG042724.D

Acq: 5 Sep 2019 17:29

Instrument :

BNA_G

ClientSampleId :

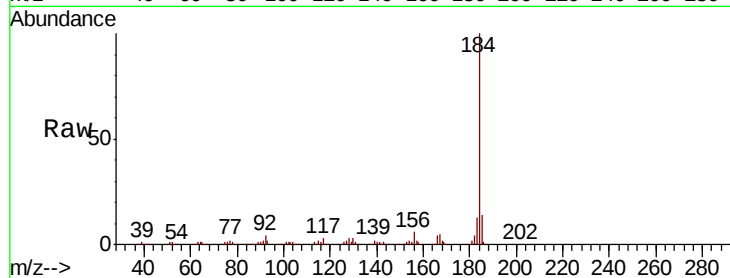
Tot Ion:184 Resp: 216823

Ion Ratio Lower Upper

184 100

185 14.1 12.2 18.4

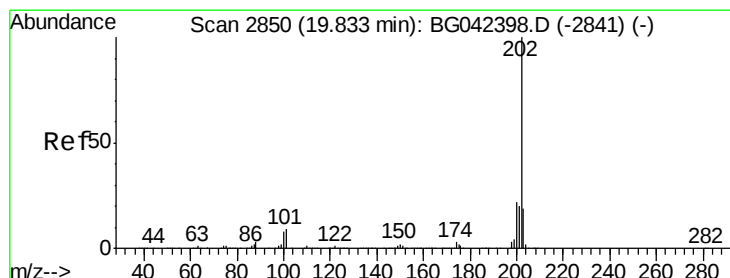
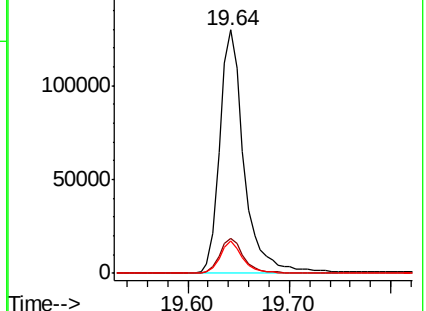
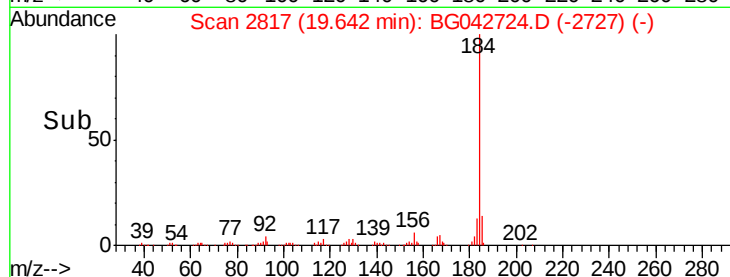
183 13.2 10.8 16.2



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: 31.001 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG042724.D

Acq: 5 Sep 2019 17:29

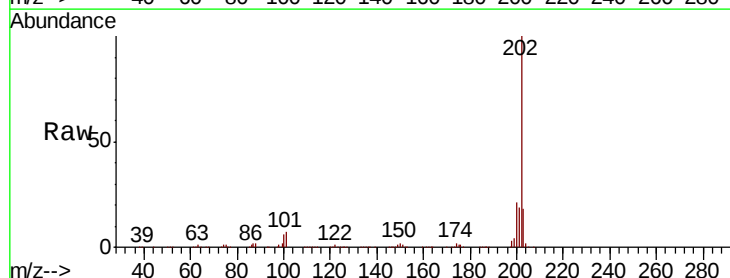
Tgt Ion:202 Resp: 637676

Ion Ratio Lower Upper

202 100

200 21.0 17.8 26.6

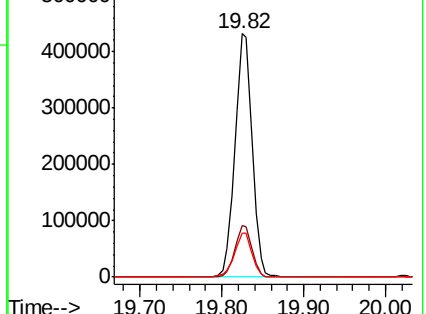
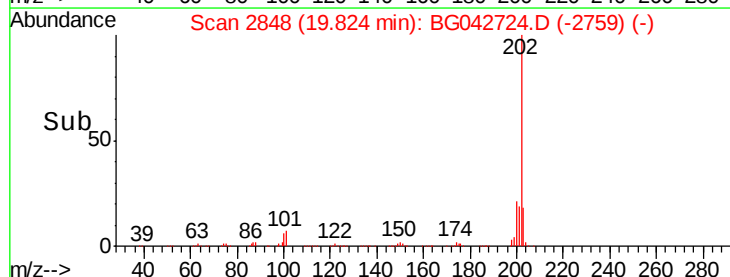
203 18.3 15.5 23.3



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: 65.153 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042724.D

Acq: 5 Sep 2019 17:29

Instrument :

BNA_G

ClientSampleId :

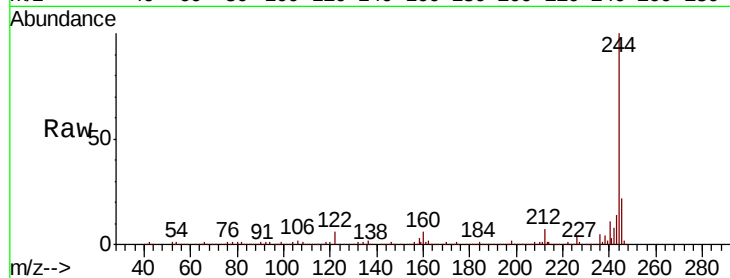
Tot Ion:244 Resp: 1011106

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

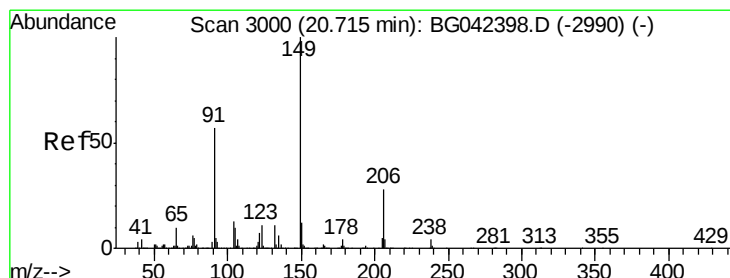
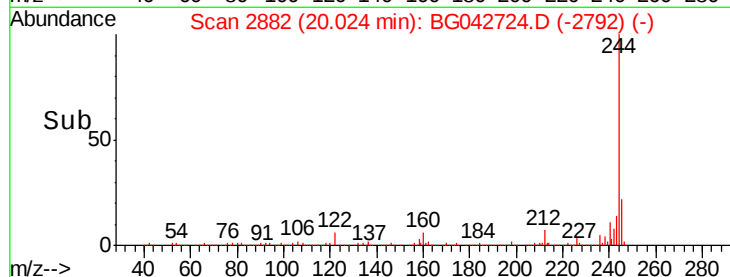
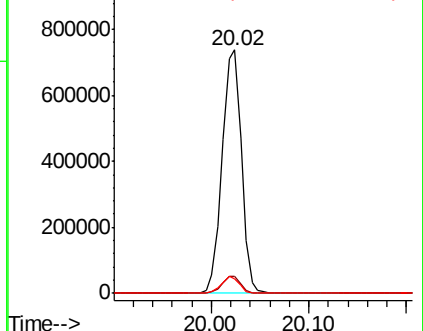
122 6.1 6.7 10.1#



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: 28.025 ng

RT: 20.71 min Scan# 2998

Delta R.T. -0.01 min

Lab File: BG042724.D

Acq: 5 Sep 2019 17:29

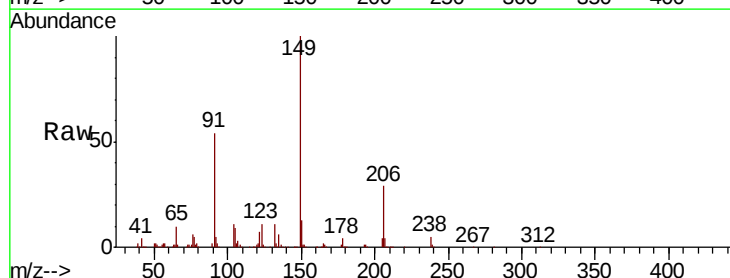
Tgt Ion:149 Resp: 226734

Ion Ratio Lower Upper

149 100

91 53.6 45.9 68.9

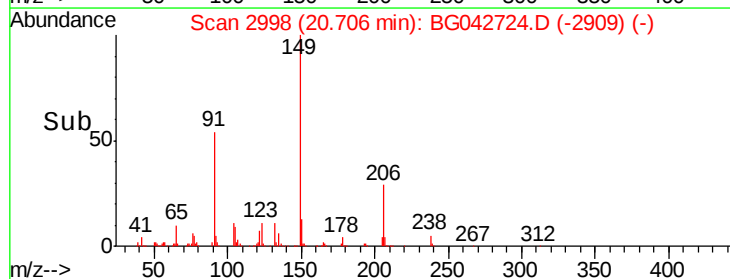
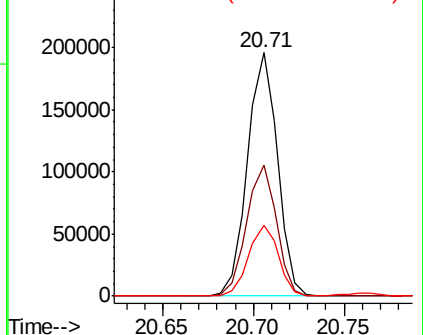
206 29.1 22.5 33.7

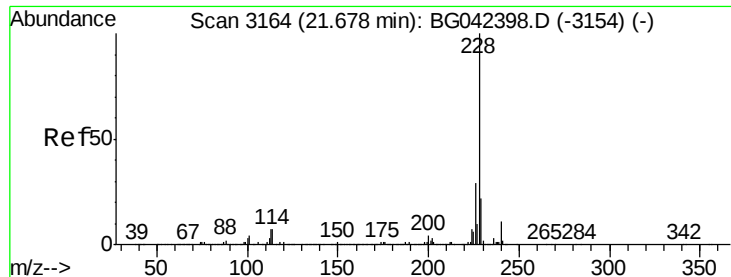


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

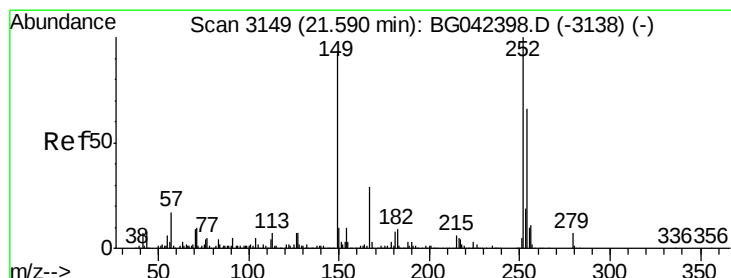
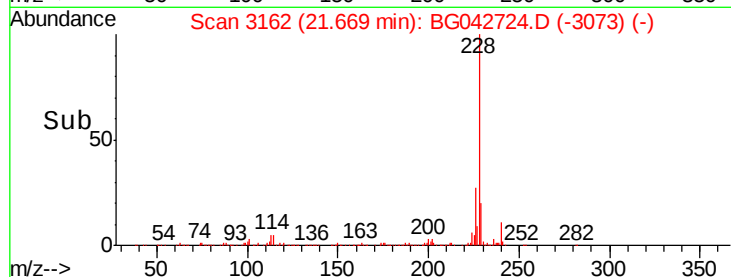
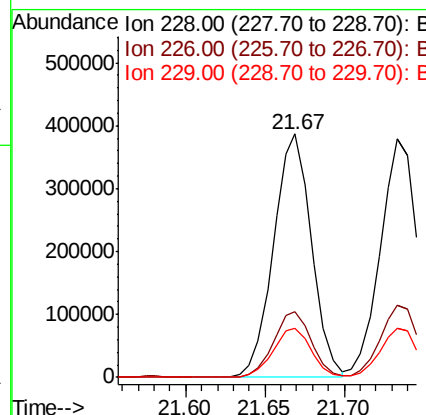
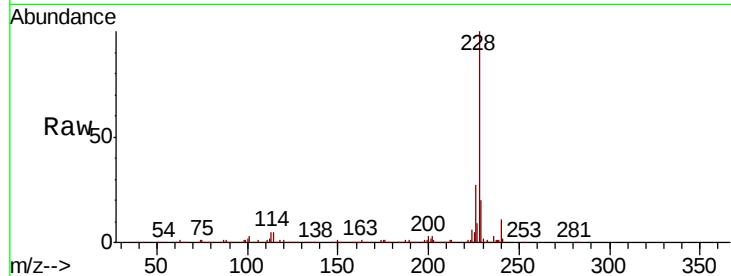




#81
Benzo(a)anthracene
Concen: 31.328 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG042724.D
Acq: 5 Sep 2019 17:29

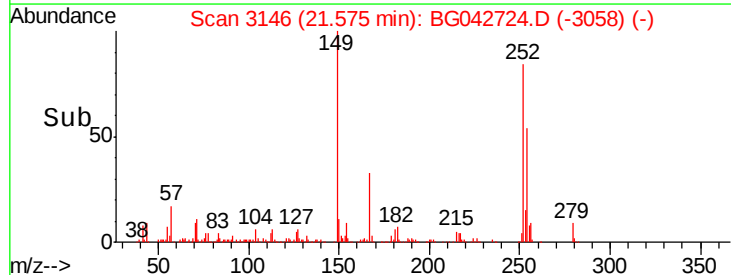
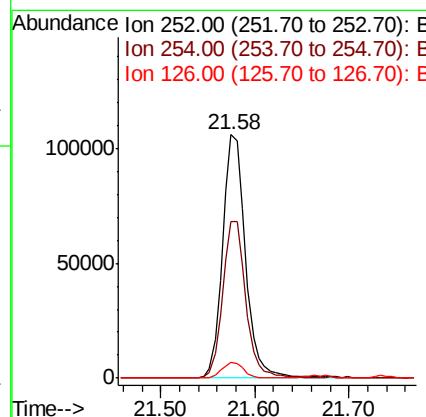
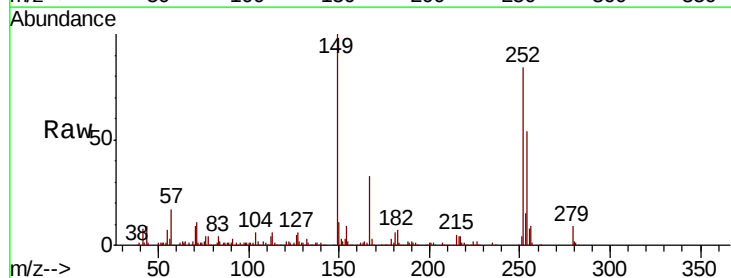
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.7	23.4	35.2
229	20.1	17.4	26.2



#82
3,3'-Dichlorobenzidine
Concen: 22.097 ng
RT: 21.58 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG042724.D
Acq: 5 Sep 2019 17:29

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	53.0	79.4
126	6.5	5.7	8.5





#83

Chrysene

Concen: 31.329 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG042724.D

Acq: 5 Sep 2019 17:29

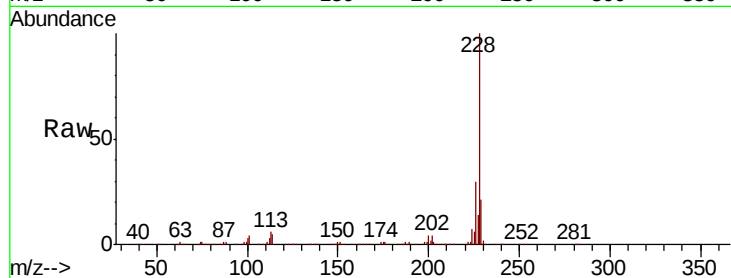
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 616650

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	20.8	16.9	25.3

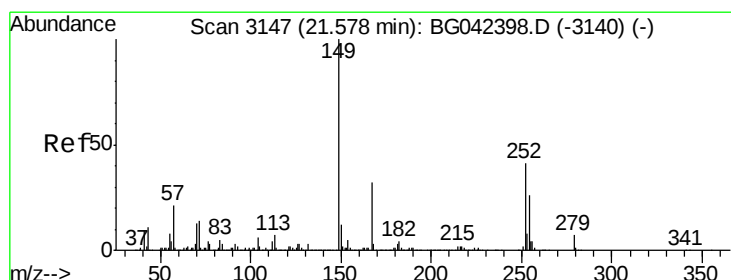
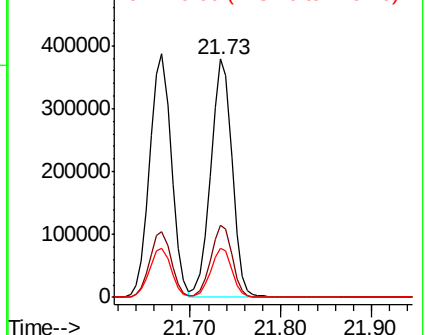
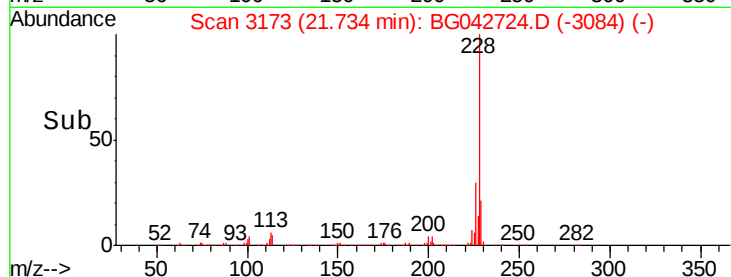


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 28.887 ng

RT: 21.56 min Scan# 3144

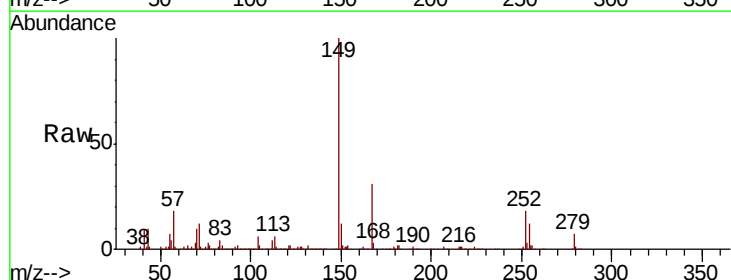
Delta R.T. -0.01 min

Lab File: BG042724.D

Acq: 5 Sep 2019 17:29

Tgt Ion:149 Resp: 324497

Ion	Ratio	Lower	Upper
149	100		
167	31.1	26.0	39.0
279	6.9	5.4	8.0

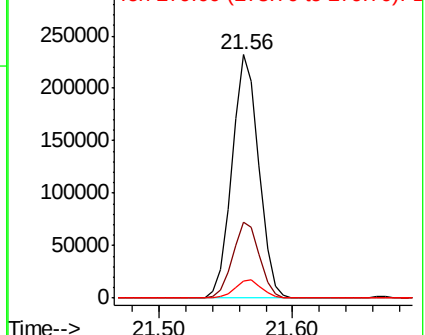
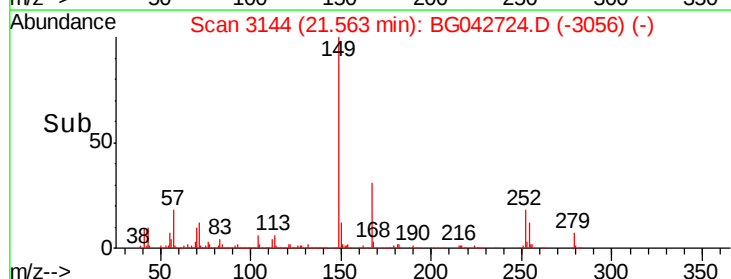


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

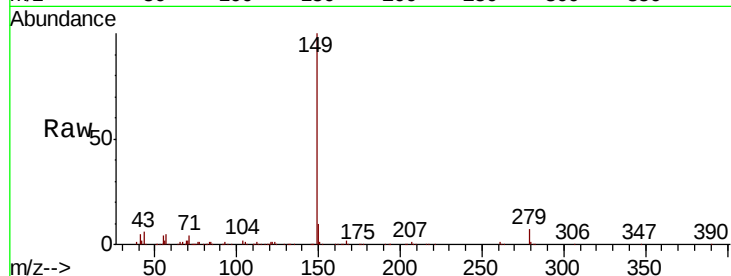




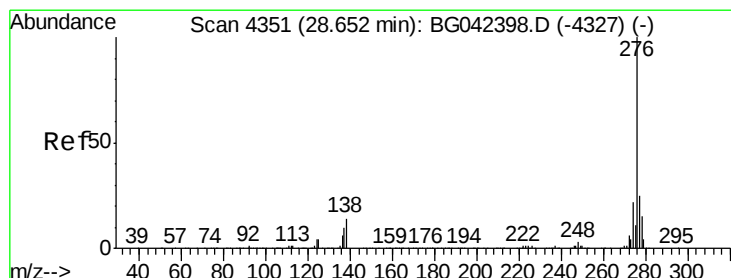
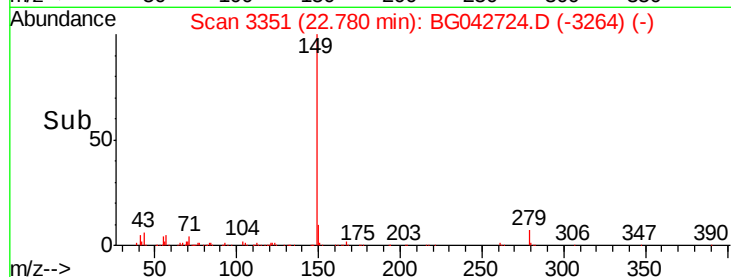
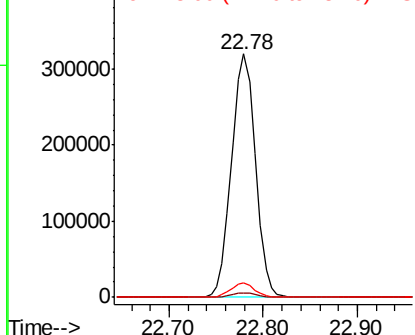
#85
Di-n-octyl phthalate
Concen: 29.370 ng
RT: 22.78 min Scan# 3351
Delta R.T. -0.02 min
Lab File: BG042724.D
Acq: 5 Sep 2019 17:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 567427
Ion Ratio Lower Upper
149 100
167 1.8 1.6 2.4
43 5.9 5.3 7.9

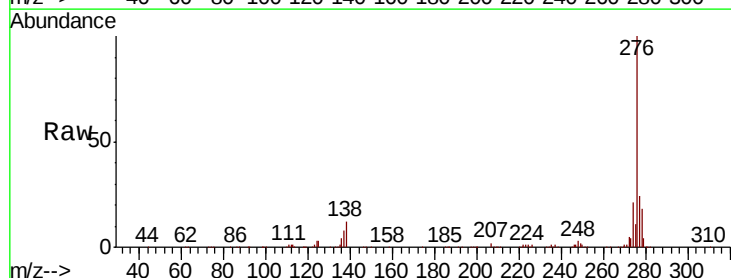


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

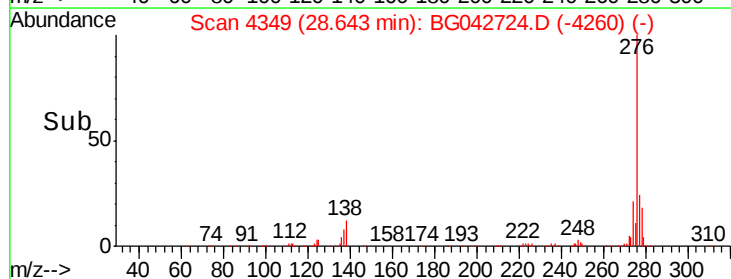
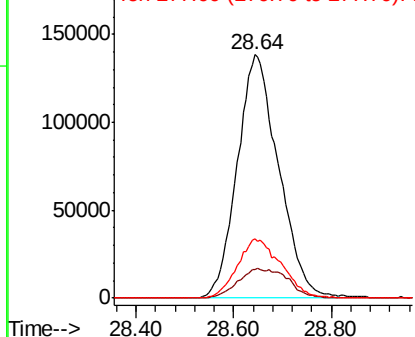


#86
Indeno(1,2,3-cd)pyrene
Concen: 30.457 ng
RT: 28.64 min Scan# 4349
Delta R.T. -0.01 min
Lab File: BG042724.D
Acq: 5 Sep 2019 17:29

Tgt Ion:276 Resp: 814690
Ion Ratio Lower Upper
276 100
138 7.5 9.2 13.8#
277 25.8 21.0 31.6



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



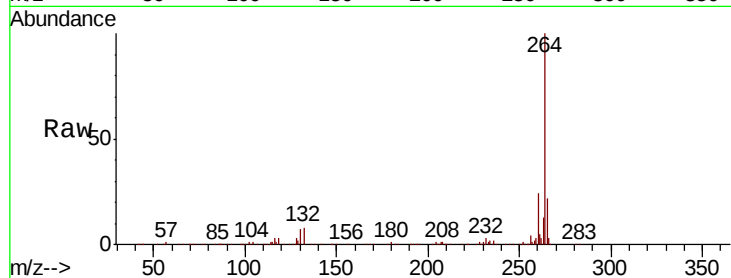


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042724.D
Acq: 5 Sep 2019 17:29

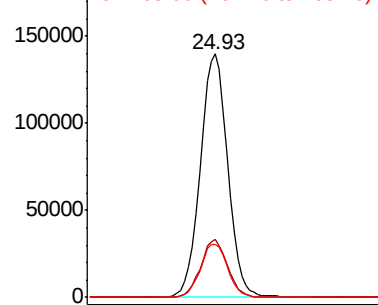
Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 406558

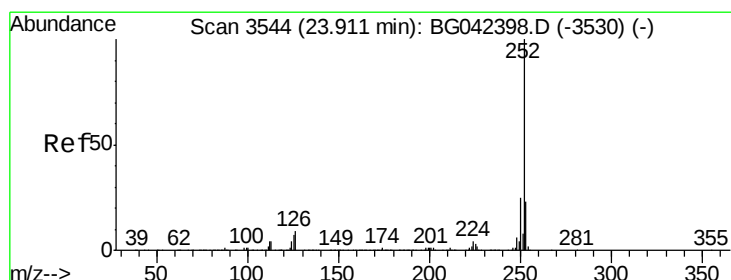
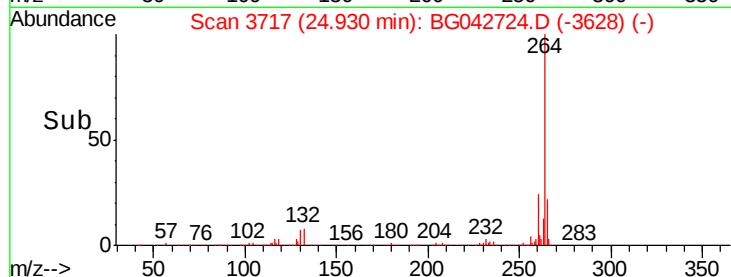
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	21.6	17.6	26.4



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



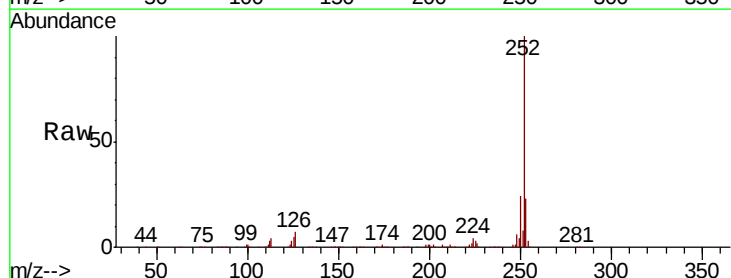
Time-->



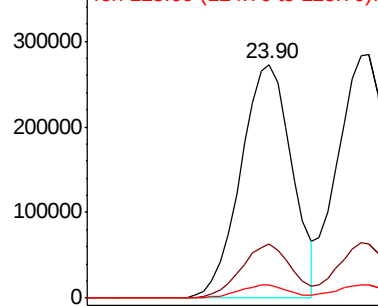
#88
Benzo(b)fluoranthene
Concen: 31.015 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG042724.D
Acq: 5 Sep 2019 17:29

Tgt Ion:252 Resp: 693208

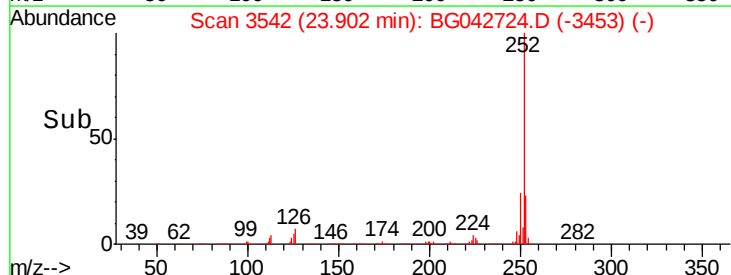
Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.6	27.8
125	5.5	5.6	8.4#



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



Time-->





#89

Benzo(k)fluoranthene

Concen: 32.288 ng

RT: 23.97 min Scan# 3554

Delta R.T. -0.00 min

Lab File: BG042724.D

Acq: 5 Sep 2019 17:29

Instrument :

BNA_G

ClientSampleId :

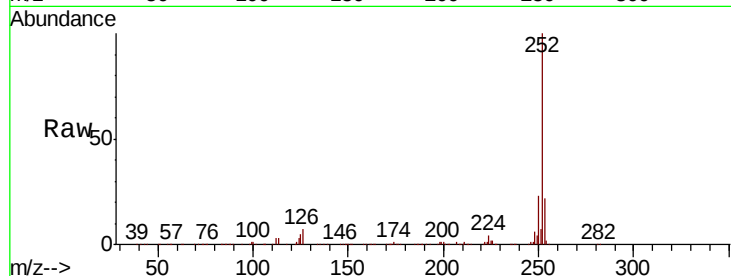
Tot Ion:252 Resp: 693674

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.6	27.8
125	5.2	5.8	8.6

252 100

253 22.3 18.6 27.8

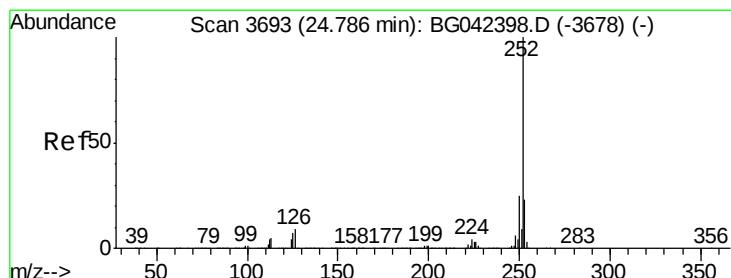
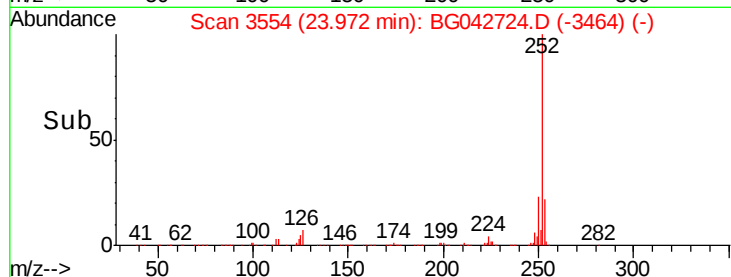
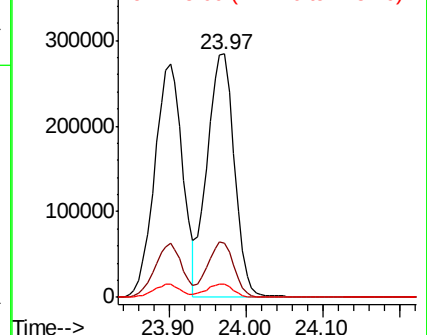
125 5.2 5.8 8.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 32.635 ng

RT: 24.78 min Scan# 3691

Delta R.T. -0.01 min

Lab File: BG042724.D

Acq: 5 Sep 2019 17:29

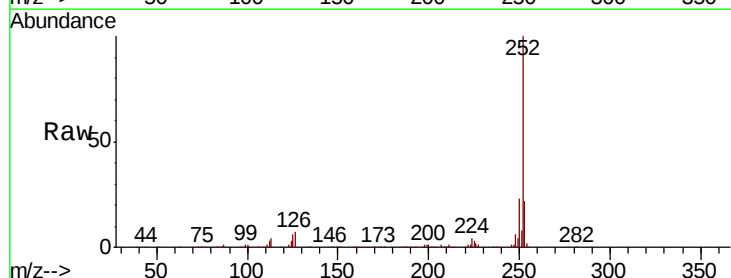
Tgt Ion:252 Resp: 692164

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.4	27.6
125	5.9	6.0	9.0

252 100

253 21.6 18.4 27.6

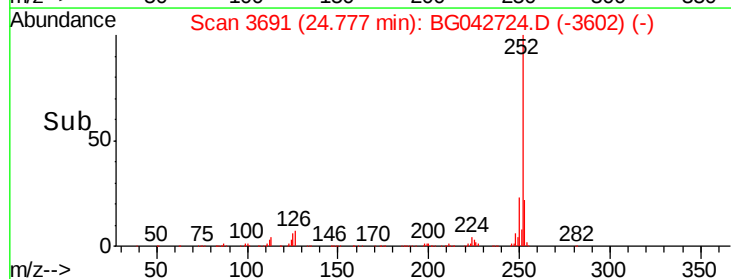
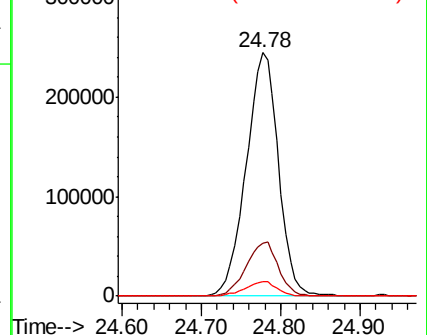
125 5.9 6.0 9.0

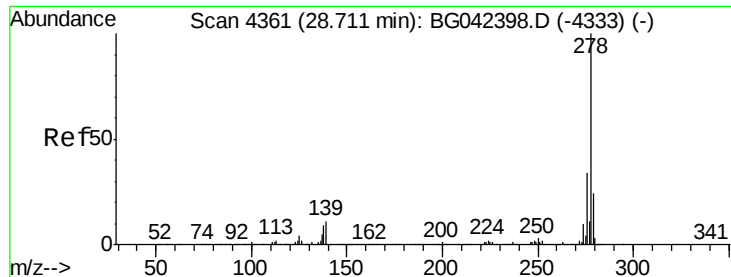


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 31.381 ng

RT: 28.70 min Scan# 4359

Delta R.T. -0.01 min

Lab File: BG042724.D

Acq: 5 Sep 2019 17:29

Instrument :

BNA_G

ClientSampleId :

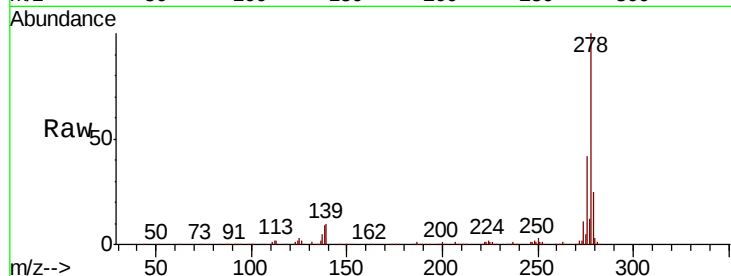
Tot Ion:278 Resp: 673903

Ion Ratio Lower Upper

278 100

139 9.5 8.8 13.2

279 25.0 19.1 28.7

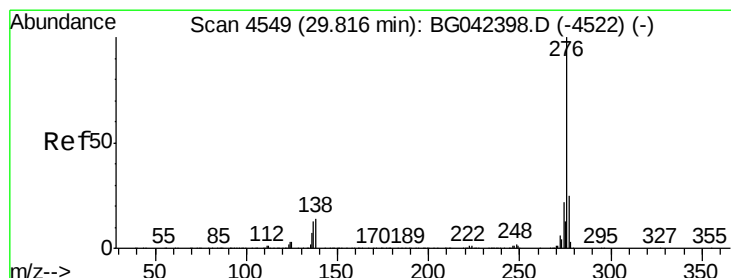
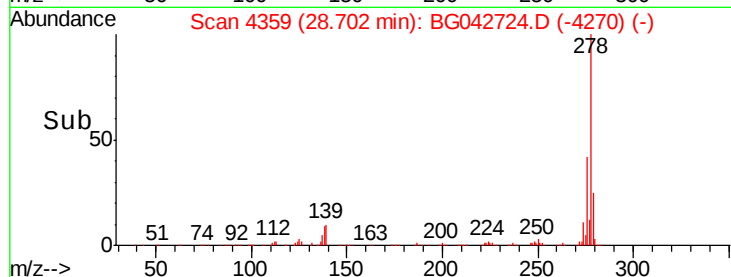
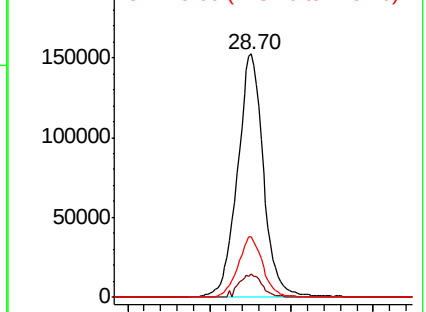


Abundance

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: 31.453 ng

RT: 29.81 min Scan# 4547

Delta R.T. -0.01 min

Lab File: BG042724.D

Acq: 5 Sep 2019 17:29

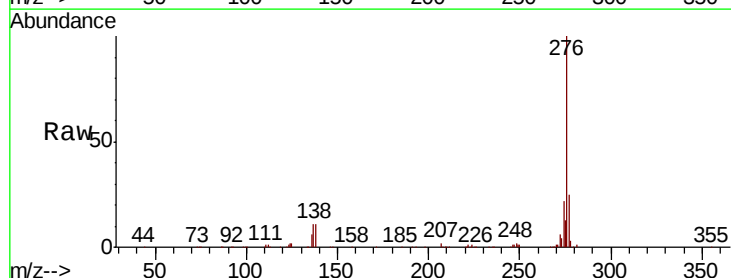
Tgt Ion:276 Resp: 675550

Ion Ratio Lower Upper

276 100

277 24.6 19.8 29.8

138 11.3 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

