

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083119\
 Data File : BG042624.D
 Acq On : 31 Aug 2019 8:10
 Operator : HP/JU
 Sample : PB122687BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 31 13:25:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	31698	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	125731	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	88680	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	204379	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	240473	20.00	ng	-0.01
87) Perylene-d12	24.92	264	287645	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	183050	116.96	ng	0.00
7) Phenol-d6	7.17	99	224221	106.06	ng	0.00
23) Nitrobenzene-d5	9.16	82	118266	65.00	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	138237	109.67	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	375946	71.70	ng	0.00
79) Terphenyl-d14	20.02	244	743515	66.84	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.41	88	21838	33.435	ng	# 92
3) Pyridine	3.82	79	51185	30.561	ng	99
4) n-Nitrosodimethylamine	3.73	42	24901	41.627	ng	86
6) Aniline	7.31	93	79410	28.162	ng	97
8) 2-Chlorophenol	7.56	128	81527	42.981	ng	98
9) Benzaldehyde	7.12	77	45243	42.746	ng	99
10) Phenol	7.19	94	88437	41.143	ng	90
11) bis(2-Chloroethyl)ether	7.41	93	64109	37.976	ng	97
12) 1,3-Dichlorobenzene	7.89	146	94527	39.175	ng	99
13) 1,4-Dichlorobenzene	8.03	146	96689	39.559	ng	97
14) 1,2-Dichlorobenzene	8.35	146	91072	38.909	ng	97
15) Benzyl Alcohol	8.23	79	59385	39.044	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	79153	34.594	ng	99
17) 2-Methylphenol	8.45	107	62732	39.623	ng	95
18) Hexachloroethane	9.09	117	31710	37.897	ng	92
19) n-Nitroso-di-n-propylamine	8.80	70	48402	35.339	ng	93
20) 3+4-Methylphenols	8.78	107	85238	38.907	ng	99
22) Acetophenone	8.82	105	110039	40.919	ng	# 98
24) Nitrobenzene	9.20	77	73199	39.729	ng	99
25) Isophorone	9.73	82	134042	37.330	ng	99
26) 2-Nitrophenol	9.93	139	47936	41.517	ng	# 93
27) 2,4-Dimethylphenol	9.99	122	74185	46.644	ng	99
28) bis(2-Chloroethoxy)methane	10.21	93	84215	37.211	ng	97
29) 2,4-Dichlorophenol	10.47	162	89096	42.816	ng	99
30) 1,2,4-Trichlorobenzene	10.68	180	105665	41.370	ng	95
31) Naphthalene	10.87	128	237393	40.668	ng	98
32) Benzoic acid	10.14	122	34739	33.143	ng	94
33) 4-Chloroaniline	10.98	127	63420	23.535	ng	98
34) Hexachlorobutadiene	11.15	225	70255	40.928	ng	98
35) Caprolactam	11.75	113	24133	34.756	ng	97
36) 4-Chloro-3-methylphenol	12.11	107	78846	39.915	ng	98
37) 2-Methylnaphthalene	12.48	142	188546	40.226	ng	99
38) 1-Methylnaphthalene	12.70	142	177125	39.784	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	128317	45.058	ng	100

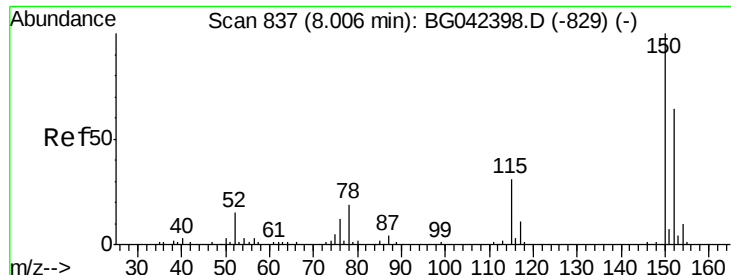
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083119\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	136475	91.231	ng	100
43) 2,4,6-Trichlorophenol	13.09	196	79141	41.113	ng	97
44) 2,4,5-Trichlorophenol	13.17	196	83207	41.712	ng	99
46) 1,1'-Biphenyl	13.49	154	244402	42.636	ng	98
47) 2-Chloronaphthalene	13.53	162	200780	40.621	ng	99
48) 2-Nitroaniline	13.73	65	42960	36.043	ng	99
49) Acenaphthylene	14.38	152	310828	41.799	ng	99
50) Dimethylphthalate	14.10	163	251437	39.296	ng	99
51) 2,6-Dinitrotoluene	14.23	165	60685	40.917	ng	96
52) Acenaphthene	14.72	154	180402	39.952	ng	97
53) 3-Nitroaniline	14.56	138	38962	26.267	ng	99
54) 2,4-Dinitrophenol	14.78	184	66362	67.443	ng	96
55) Dibenzofuran	15.06	168	311440	41.668	ng	99
56) 4-Nitrophenol	14.89	139	80519	76.395	ng	97
57) 2,4-Dinitrotoluene	15.02	165	84251	39.669	ng	99
58) Fluorene	15.71	166	250863	41.059	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.20	232	79391	40.245	ng	99
60) Diethylphthalate	15.47	149	239707	38.323	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	149048	40.468	ng	97
62) 4-Nitroaniline	15.73	138	58274	36.708	ng	94
63) Azobenzene	15.99	77	162666	37.952	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	55979	43.687	ng	97
66) n-Nitrosodiphenylamine	15.91	169	228720	40.693	ng	100
67) 4-Bromophenyl-phenylether	16.59	248	103968	40.105	ng	99
68) Hexachlorobenzene	16.72	284	110469	39.199	ng	96
69) Atrazine	16.86	200	86557	43.548	ng	96
70) Pentachlorophenol	17.07	266	122443	83.621	ng	99
71) Phenanthrene	17.45	178	420132	41.385	ng	98
72) Anthracene	17.54	178	434881	42.911	ng	99
73) Carbazole	17.81	167	381280	42.213	ng	99
74) Di-n-butylphthalate	18.36	149	435285	40.768	ng	99
75) Fluoranthene	19.46	202	575194	46.426	ng	96
77) Benzidine	19.64	184	292266	42.391	ng	100
78) Pyrene	19.83	202	584233	39.627	ng	97
80) Butylbenzylphthalate	20.70	149	218001	37.594	ng	97
81) Benzo(a)anthracene	21.67	228	597672	40.857	ng	99
82) 3,3'-Dichlorobenzidine	21.58	252	182140	30.959	ng	98
83) Chrysene	21.73	228	583128	41.334	ng	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	312643	38.831	ng	98
85) Di-n-octyl phthalate	22.78	149	542974	39.210	ng	99
86) Indeno(1,2,3-cd)pyrene	28.63	276	762299	39.761	ng	# 97
88) Benzo(b)fluoranthene	23.89	252	652213	41.244	ng	98
89) Benzo(k)fluoranthene	23.89	252	652213	42.908	ng	98
90) Benzo(a)pyrene	24.77	252	649160	43.261	ng	99
91) Dibenzo(a,h)anthracene	28.68	278	629598	41.439	ng	98
92) Benzo(g,h,i)perylene	29.79	276	637982	41.984	ng	97

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

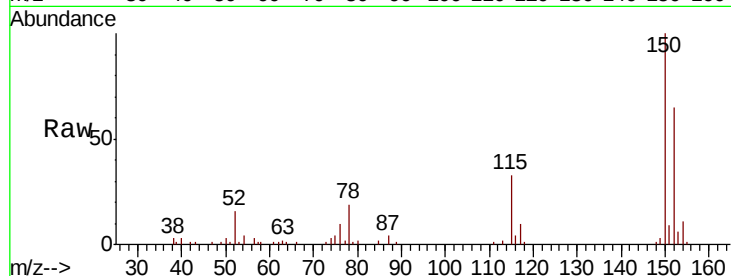


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042624.D
Acq: 31 Aug 2019 8:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	125.4	188.0
115	51.6	38.5	57.7

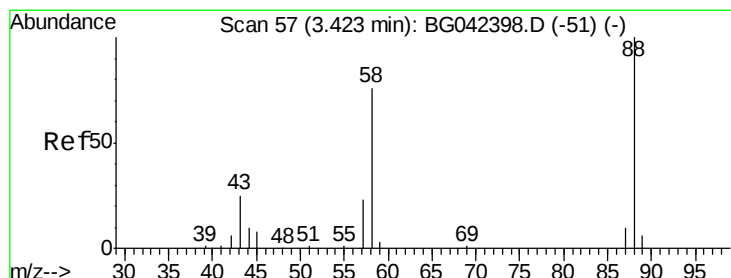
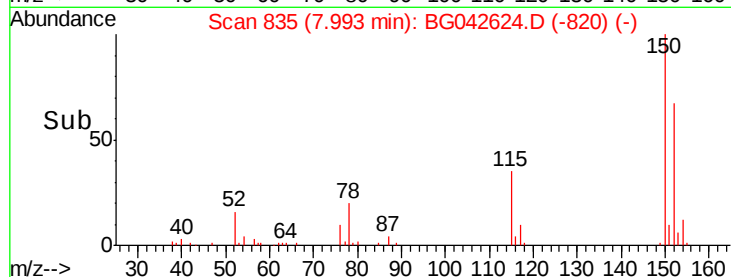
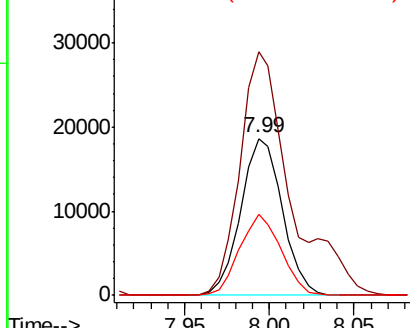


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

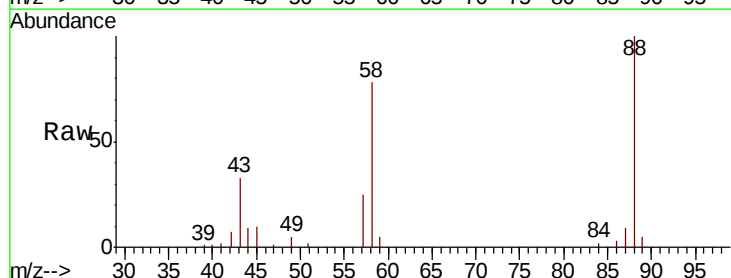
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.435 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BG042624.D
Acq: 31 Aug 2019 8:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.3	58.3	87.5
43	32.4	20.2	30.2

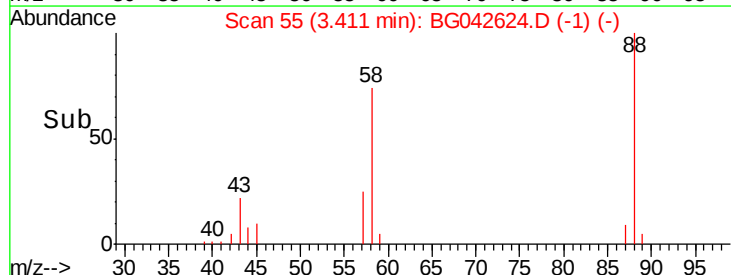
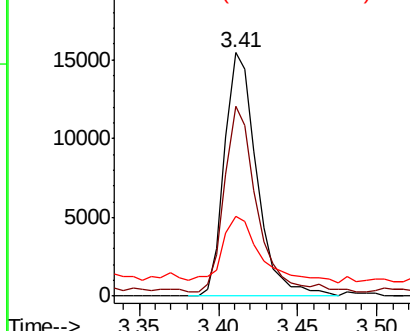


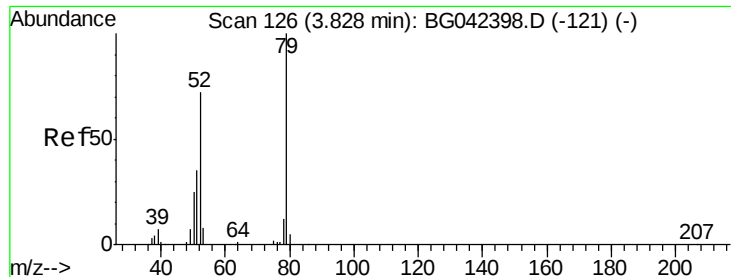
Abundance

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: 30.561 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042624.D

Acq: 31 Aug 2019 8:10

Instrument :

BNA_G

ClientSampleId :

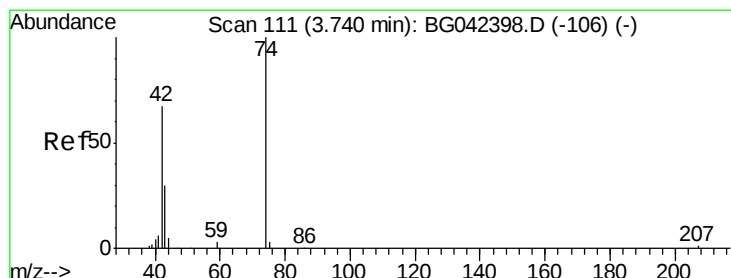
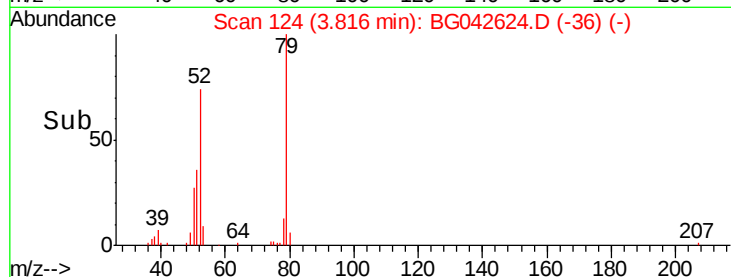
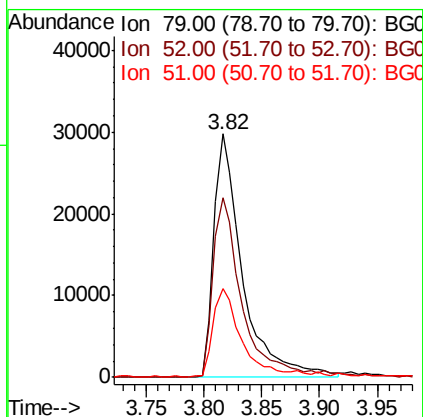
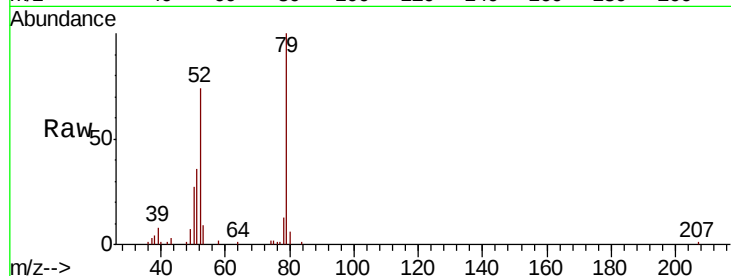
Tot Ion: 79 Resp: 51185

Ion Ratio Lower Upper

79 100

52 73.7 57.7 86.5

51 36.4 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 41.627 ng

RT: 3.73 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG042624.D

Acq: 31 Aug 2019 8:10

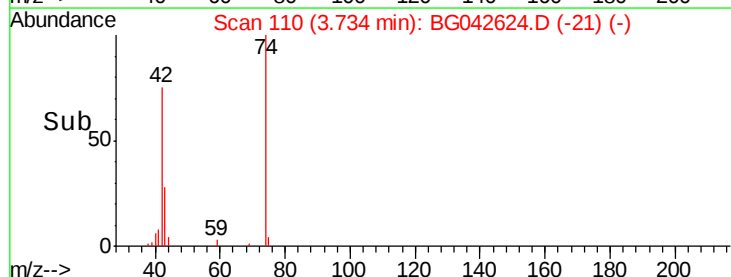
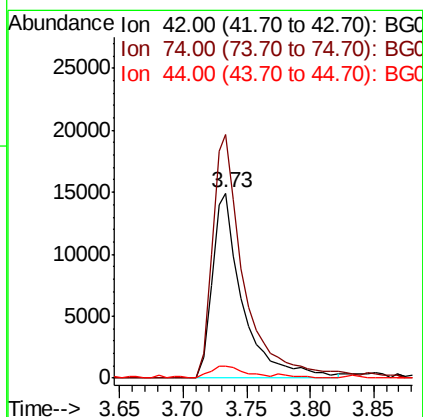
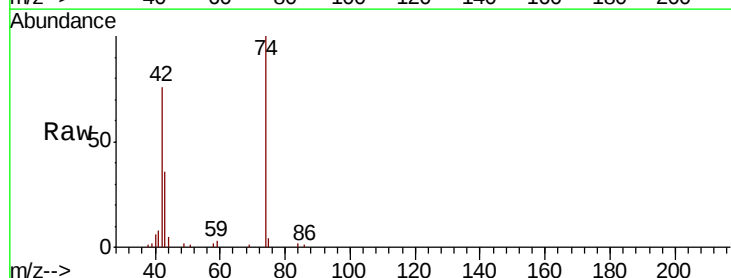
Tgt Ion: 42 Resp: 24901

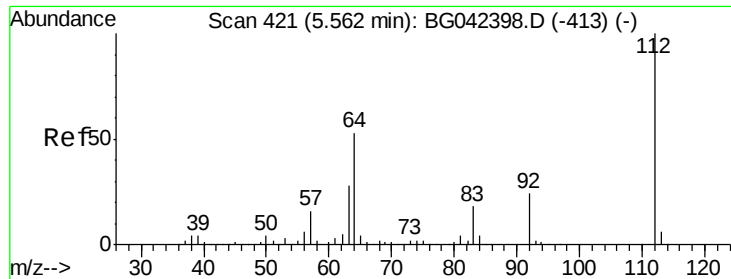
Ion Ratio Lower Upper

42 100

74 131.5 119.6 179.4

44 6.7 6.5 9.7





#5

2-Fluorophenol

Concen: 116.957 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042624.D

Acq: 31 Aug 2019 8:10

Instrument :

BNA_G

ClientSampled :

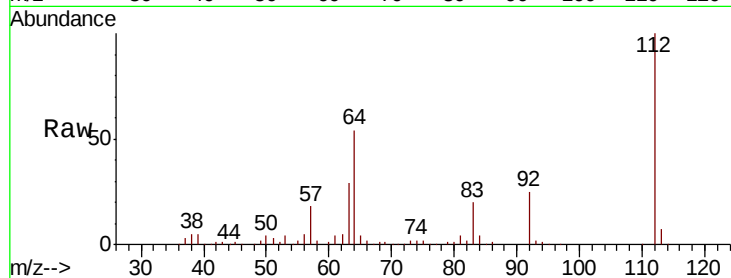
Tot Ion:112 Resp: 183050

Ion Ratio Lower Upper

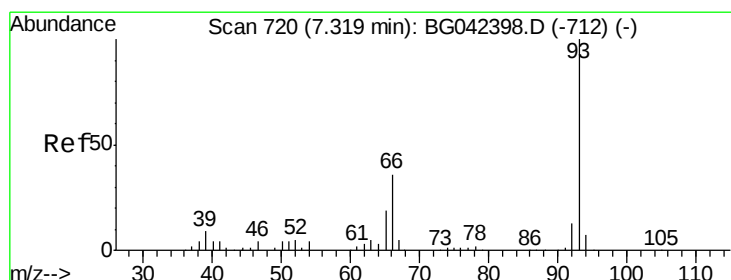
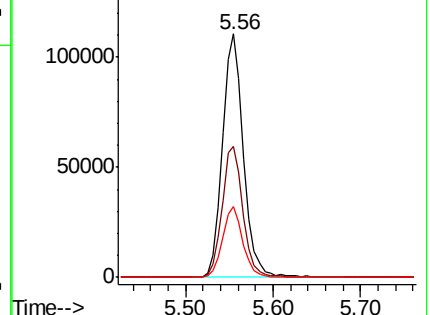
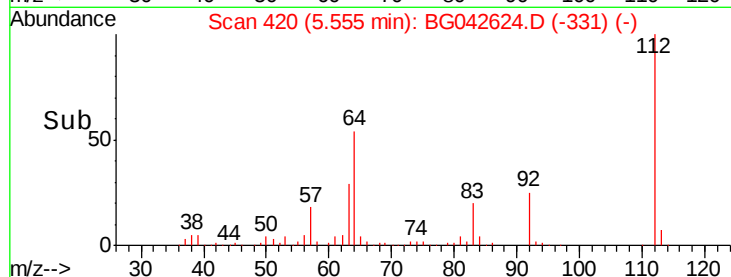
112 100

64 53.7 42.8 64.2

63 29.2 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: 28.162 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG042624.D

Acq: 31 Aug 2019 8:10

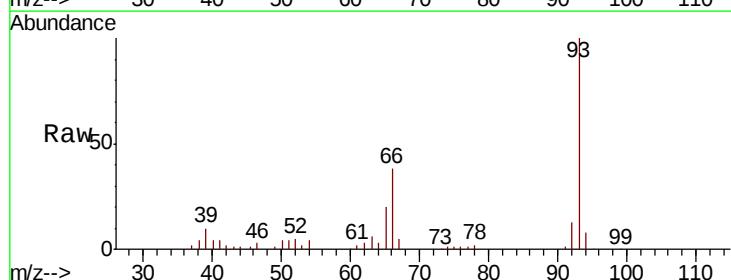
Tgt Ion: 93 Resp: 79410

Ion Ratio Lower Upper

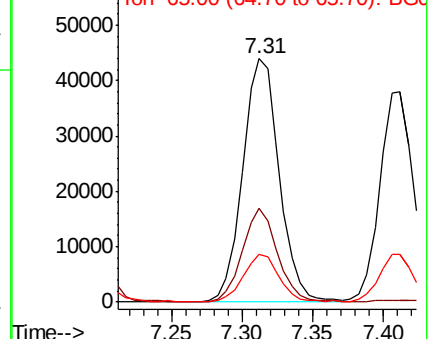
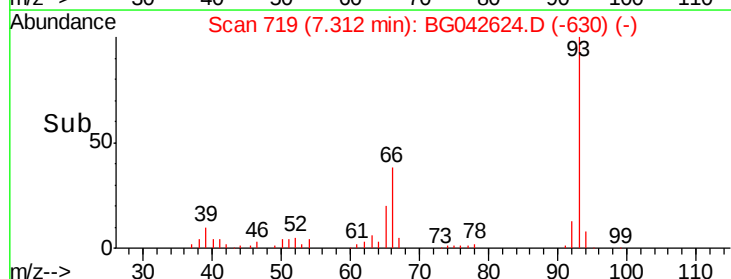
93 100

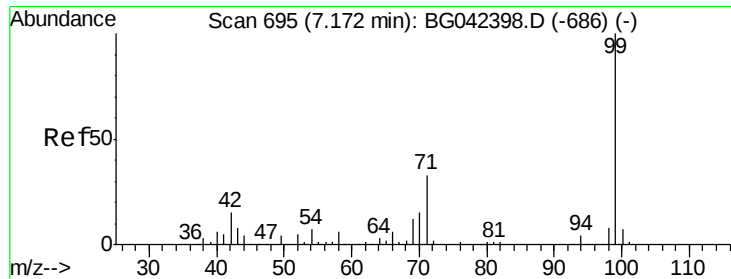
66 38.3 29.0 43.6

65 19.7 15.2 22.8



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





#7

Phenol-d6

Concen: 106.059 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042624.D

Acq: 31 Aug 2019 8:10

Instrument :

BNA_G

ClientSampleId :

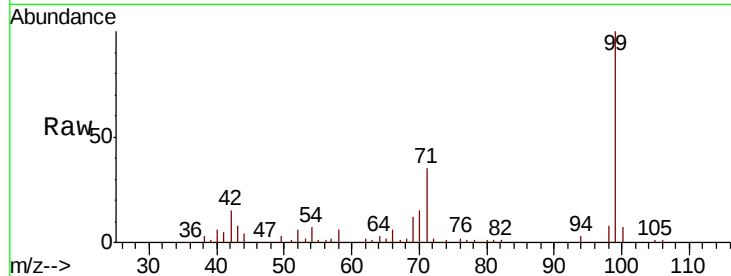
Tot Ion: 99 Resp: 224221

Ion Ratio Lower Upper

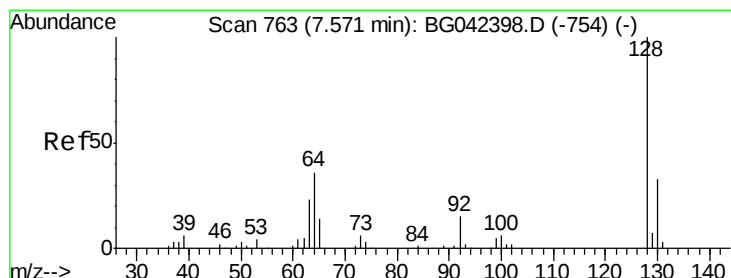
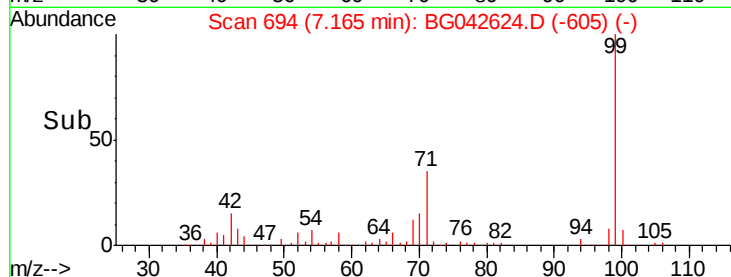
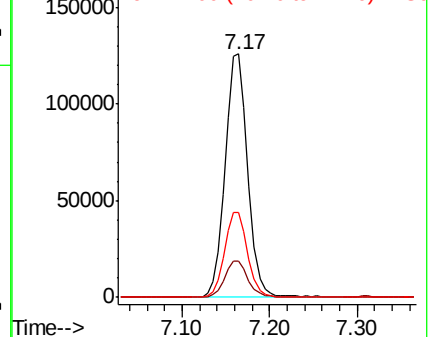
99 100

42 14.7 12.0 18.0

71 35.0 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: 42.981 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BG042624.D

Acq: 31 Aug 2019 8:10

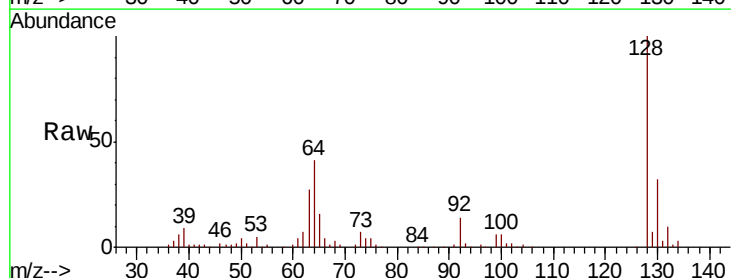
Tgt Ion: 128 Resp: 81527

Ion Ratio Lower Upper

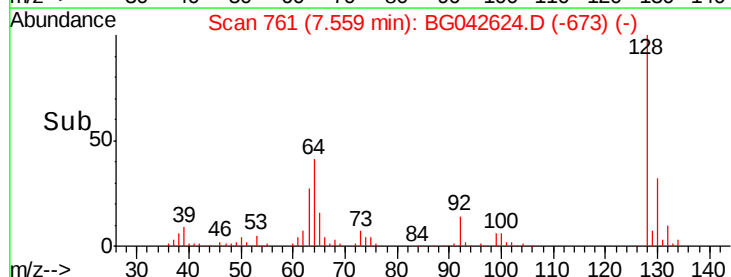
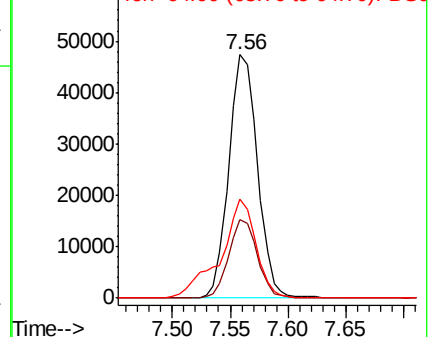
128 100

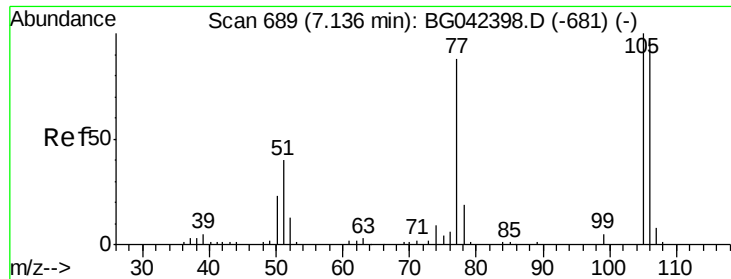
130 32.1 12.8 52.8

64 40.9 19.2 59.2



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





#9

Benzaldehyde

Concen: 42.746 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG042624.D

Acq: 31 Aug 2019 8:10

Instrument :

BNA_G

ClientSampled :

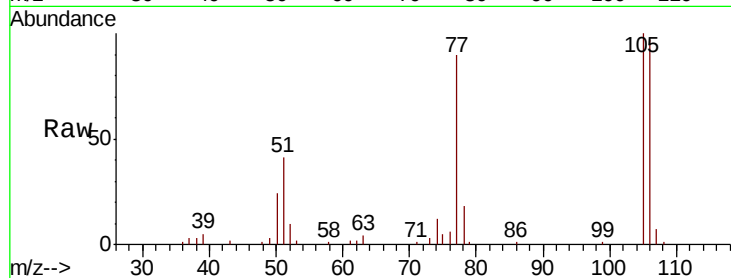
Tot Ion: 77 Resp: 45243

Ion Ratio Lower Upper

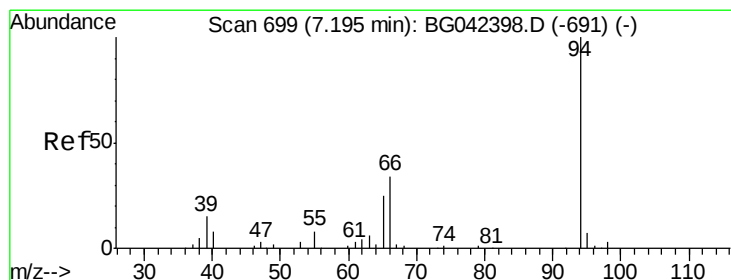
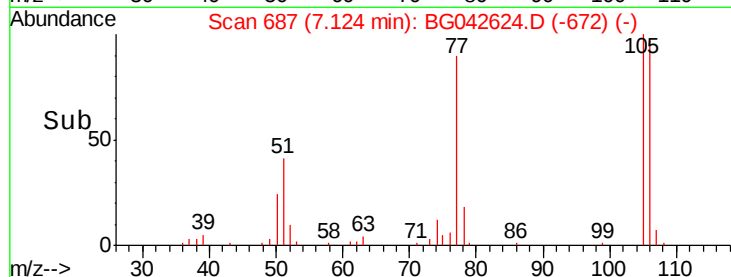
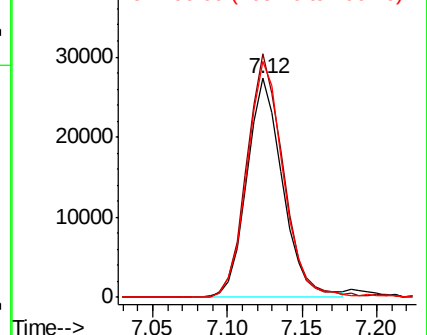
77 100

105 111.3 93.4 133.4

106 107.7 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: 41.143 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042624.D

Acq: 31 Aug 2019 8:10

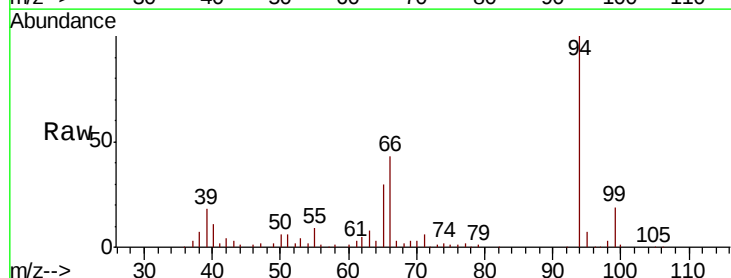
Tgt Ion: 94 Resp: 88437

Ion Ratio Lower Upper

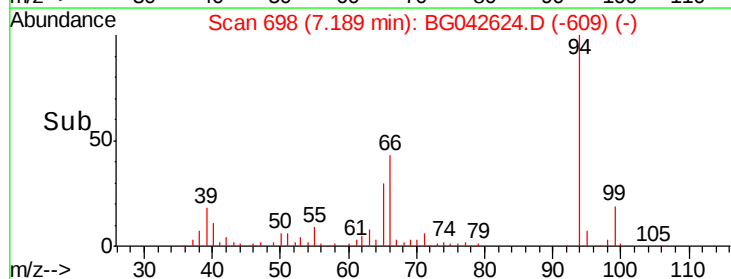
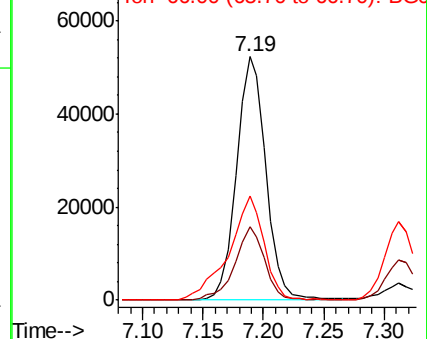
94 100

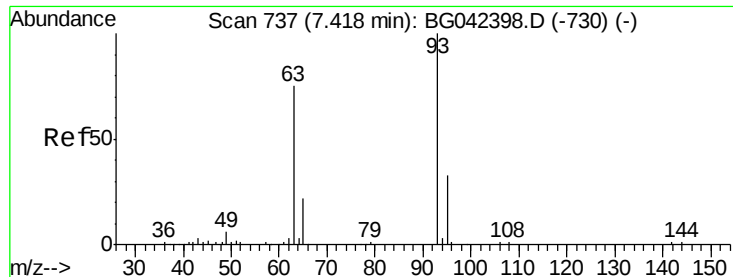
65 30.4 5.6 45.6

66 42.5 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: 37.976 ng

RT: 7.41 min Scan# 736

Delta R.T. -0.01 min

Lab File: BG042624.D

Acq: 31 Aug 2019 8:10

Instrument :

BNA_G

ClientSampled :

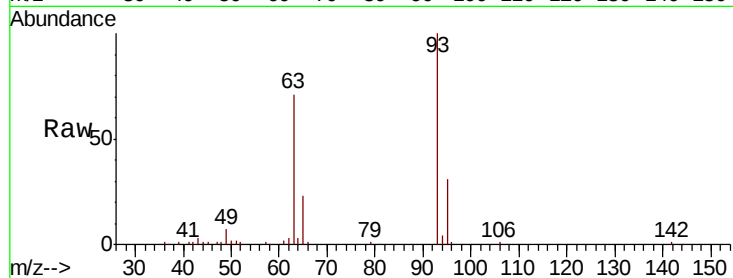
Tot Ion: 93 Resp: 64109

Ion Ratio Lower Upper

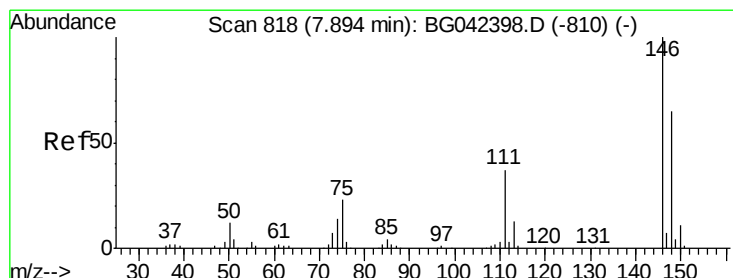
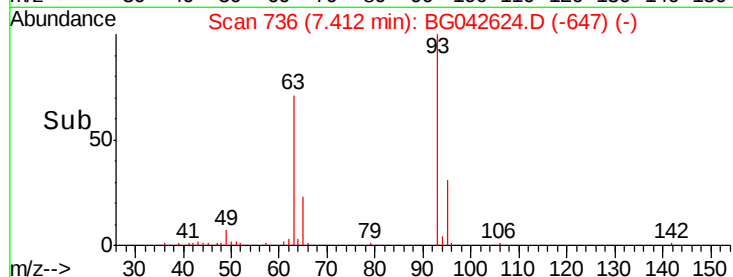
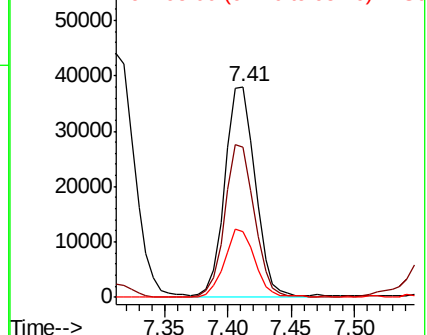
93 100

63 71.0 53.8 93.8

95 31.3 13.1 53.1



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



#12

1,3-Dichlorobenzene

Concen: 39.175 ng

RT: 7.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BG042624.D

Acq: 31 Aug 2019 8:10

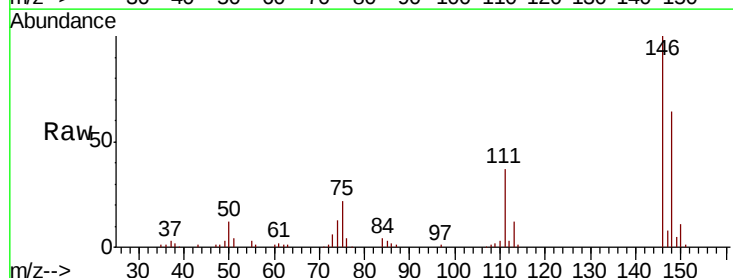
Tgt Ion: 146 Resp: 94527

Ion Ratio Lower Upper

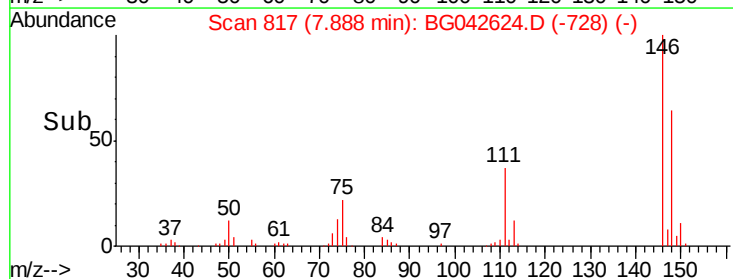
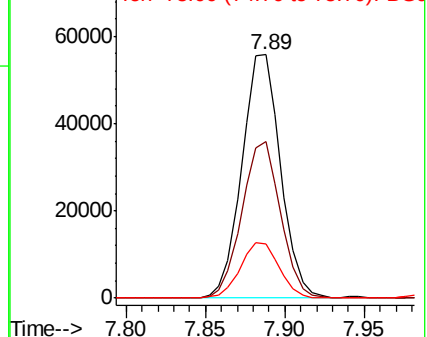
146 100

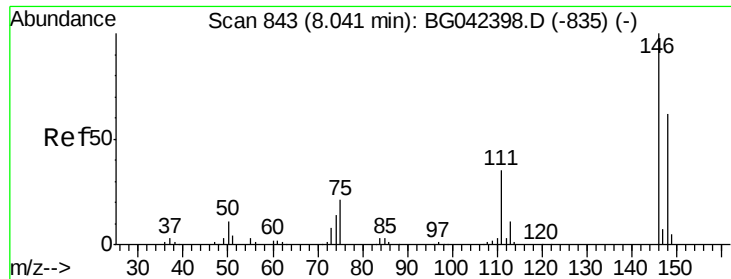
148 64.2 52.2 78.2

75 22.3 18.0 27.0



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

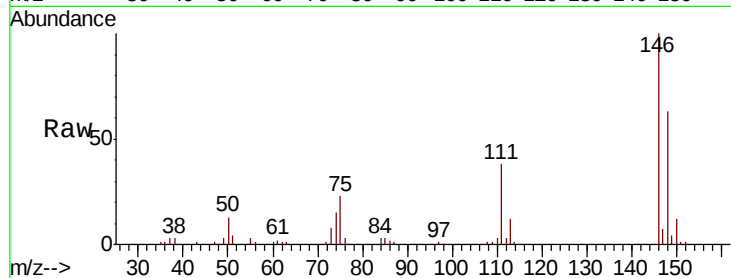




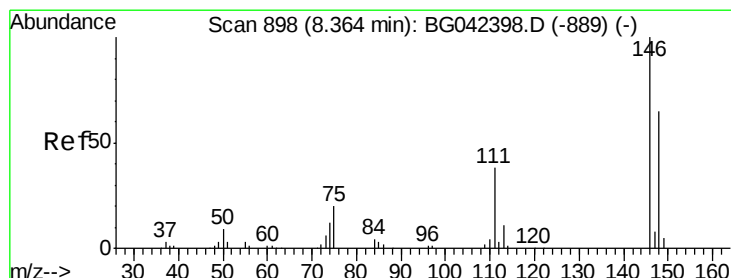
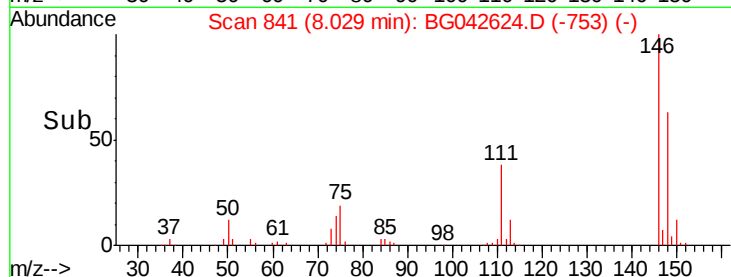
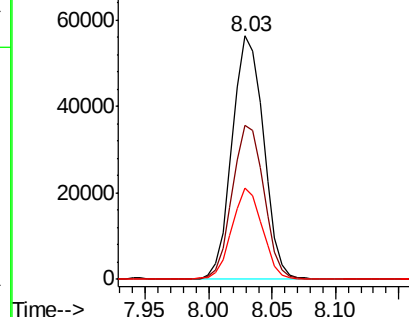
#13
 1,4-Dichlorobenzene
 Concen: 39.559 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG042624.D
 Acq: 31 Aug 2019 8:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 96689
 Ion Ratio Lower Upper
 146 100
 148 63.4 49.5 74.3
 111 37.6 28.1 42.1

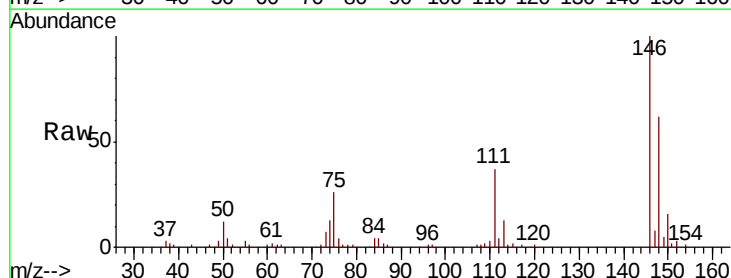


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

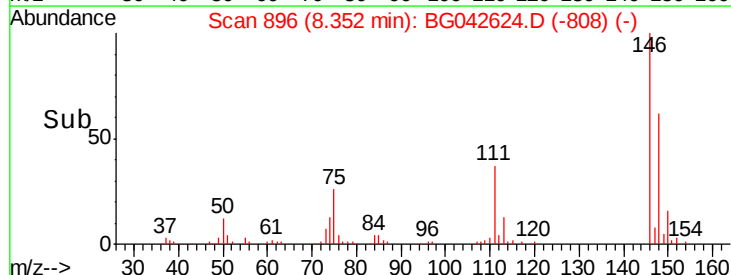
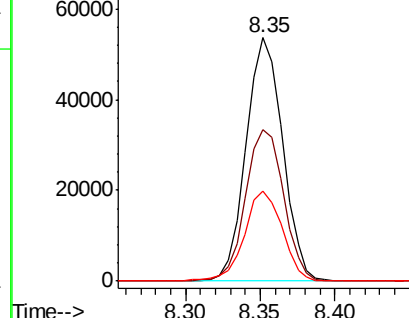


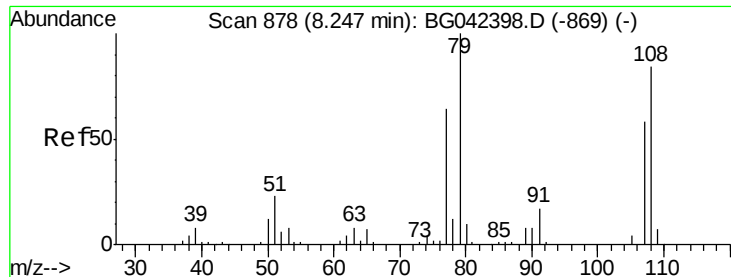
#14
 1,2-Dichlorobenzene
 Concen: 38.909 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG042624.D
 Acq: 31 Aug 2019 8:10

Tgt Ion:146 Resp: 91072
 Ion Ratio Lower Upper
 146 100
 148 62.2 51.8 77.6
 111 37.2 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: 39.044 ng

RT: 8.23 min Scan# 876

Delta R.T. -0.01 min

Lab File: BG042624.D

Acq: 31 Aug 2019 8:10

Instrument :
BNA_G
ClientSampleId :

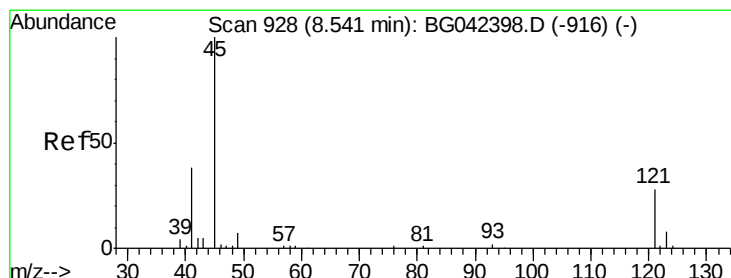
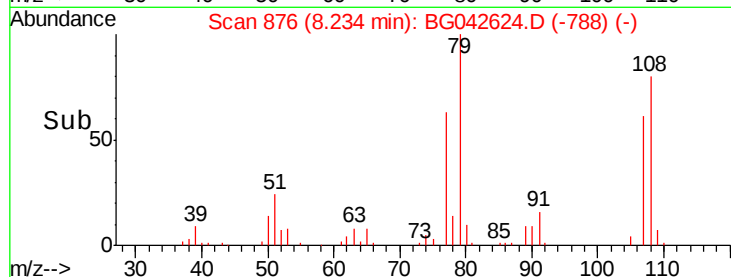
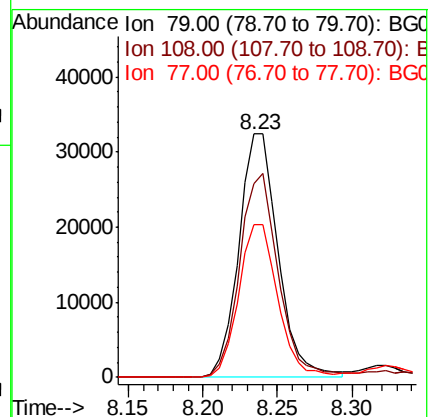
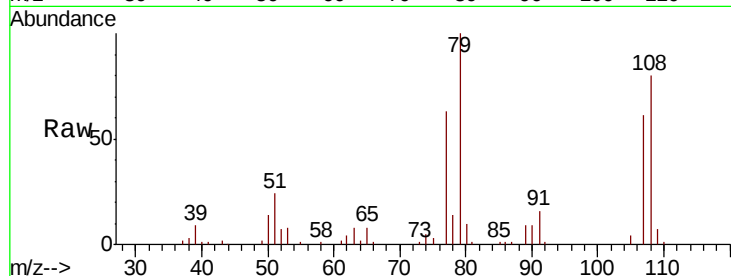
Tot Ion: 79 Resp: 59385

Ion Ratio Lower Upper

79 100

108 79.7 67.4 101.2

77 62.7 50.8 76.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.594 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG042624.D

Acq: 31 Aug 2019 8:10

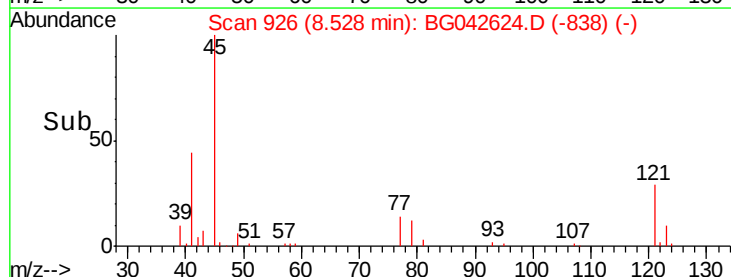
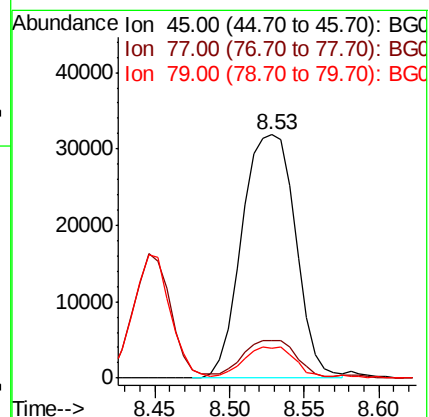
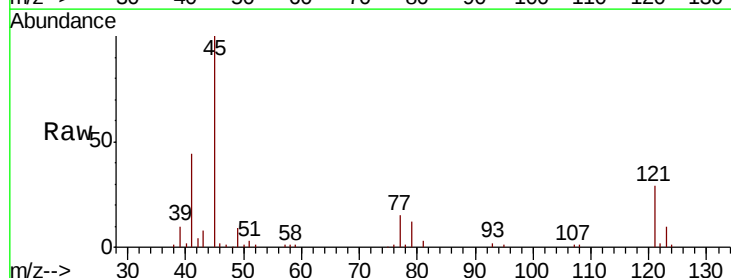
Tgt Ion: 45 Resp: 79153

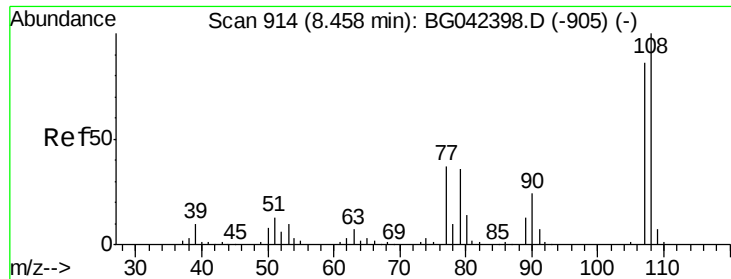
Ion Ratio Lower Upper

45 100

77 15.2 0.0 35.6

79 12.2 0.0 31.6

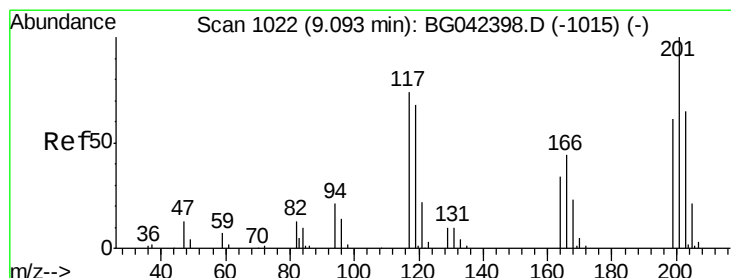
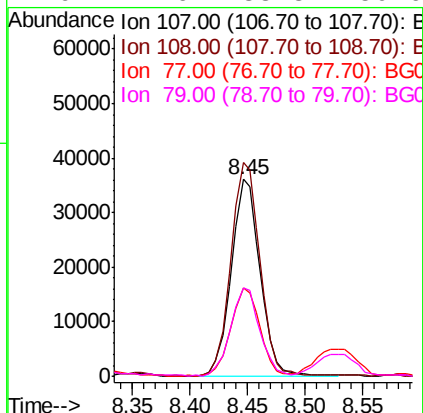
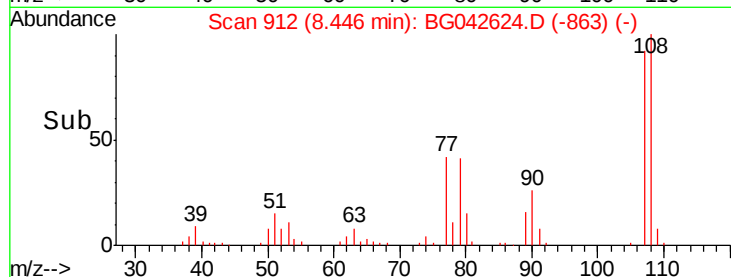
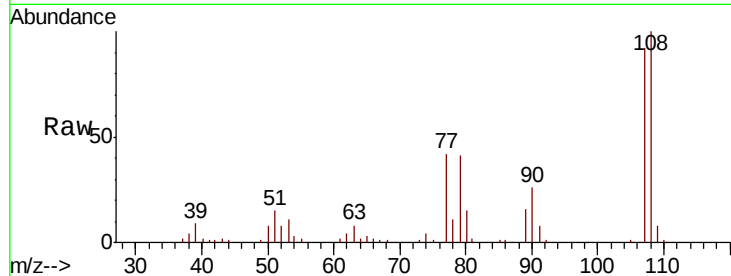




#17
2-Methylphenol
Concen: 39.623 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG042624.D
Acq: 31 Aug 2019 8:10

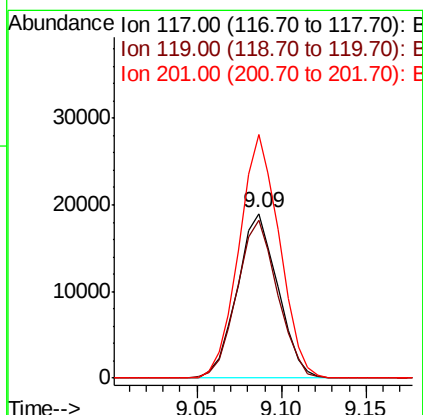
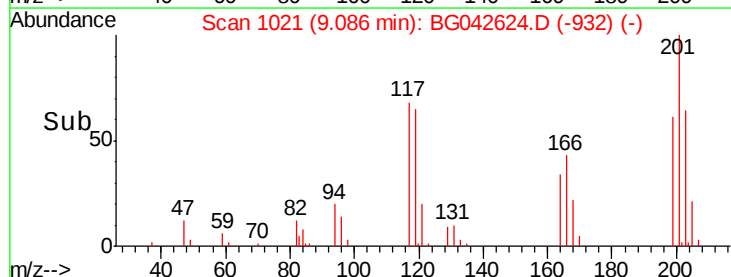
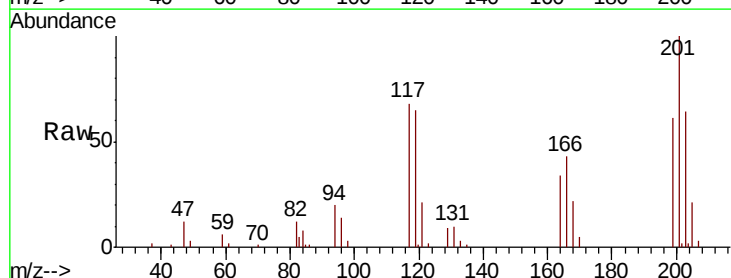
Instrument :
BNA_G
ClientSampleId :

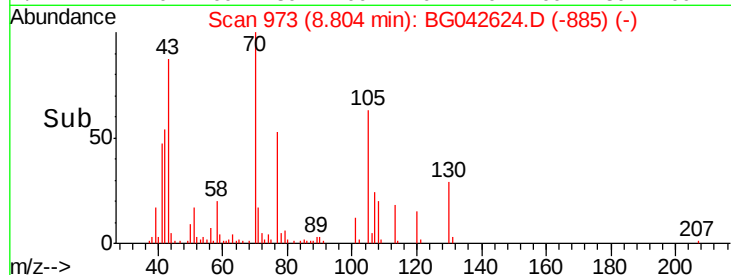
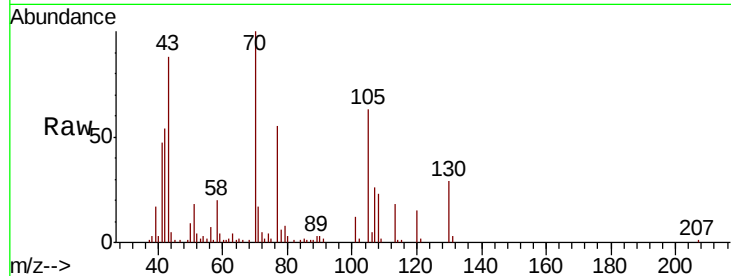
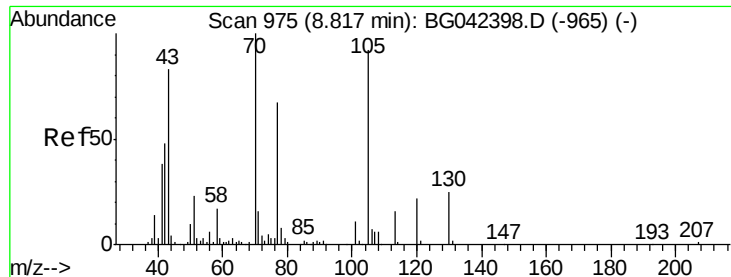
Tot Ion:	107	Resp:	62732
Ion	Ratio	Lower	Upper
107	100		
108	108.6	92.9	139.3
77	45.2	34.4	51.6
79	44.6	33.8	50.6



#18
Hexachloroethane
Concen: 37.897 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG042624.D
Acq: 31 Aug 2019 8:10

Tgt Ion:	117	Resp:	31710
Ion	Ratio	Lower	Upper
117	100		
119	96.0	73.8	110.8
201	147.8	108.3	162.5

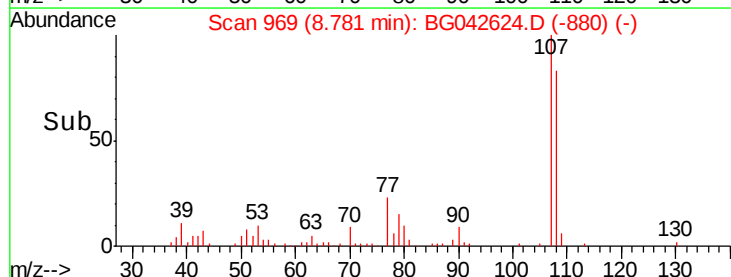
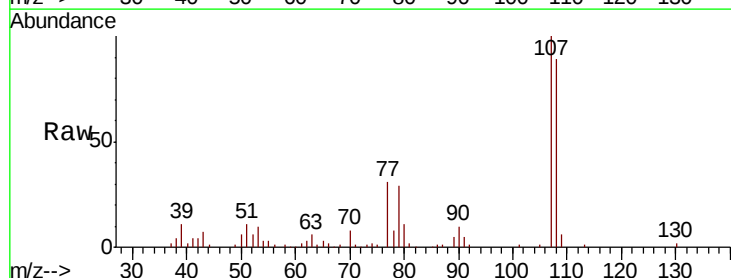
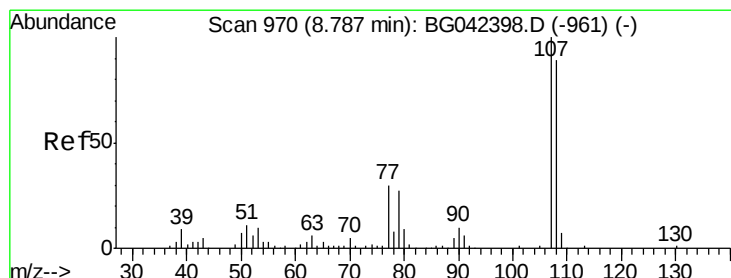
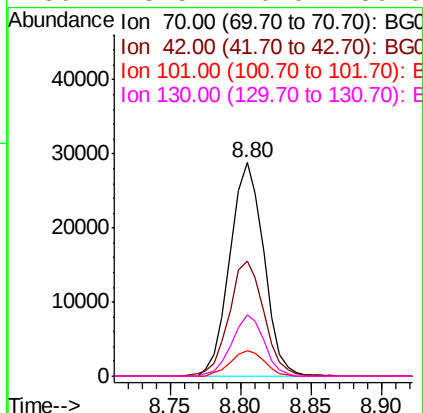




#19
n-Nitroso-di-n-propylamine
Concen: 35.339 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG042624.D
Acq: 31 Aug 2019 8:10

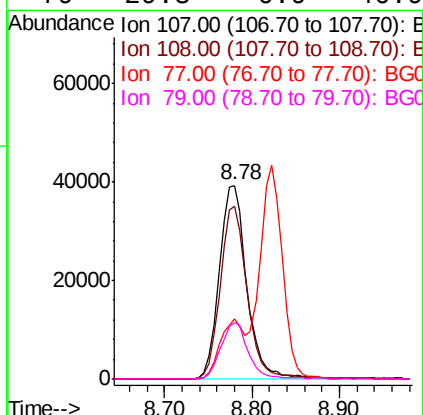
Instrument :
BNA_G
ClientSampleId :

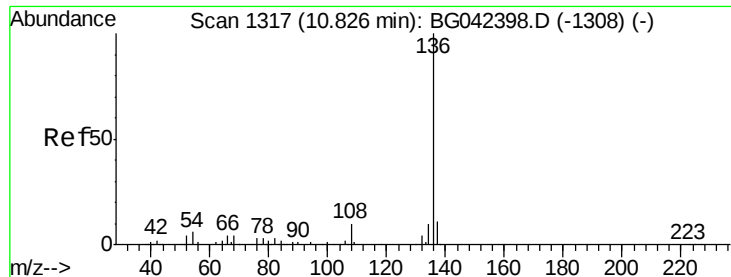
Tot Ion:	70	Resp:	48402
Ion	Ratio	Lower	Upper
70	100		
42	54.1	38.8	58.2
101	12.1	9.0	13.6
130	28.5	20.0	30.0



#20
3+4-Methylphenols
Concen: 38.907 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG042624.D
Acq: 31 Aug 2019 8:10

Tgt Ion:	107	Resp:	85238
Ion	Ratio	Lower	Upper
107	100		
108	89.0	68.7	108.7
77	31.1	10.2	50.2
79	29.3	6.9	46.9

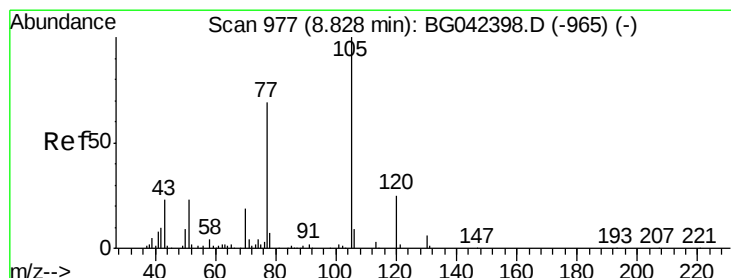
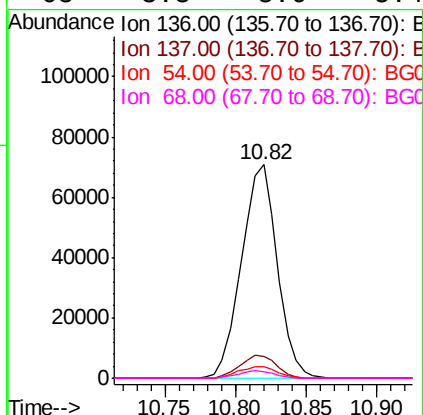
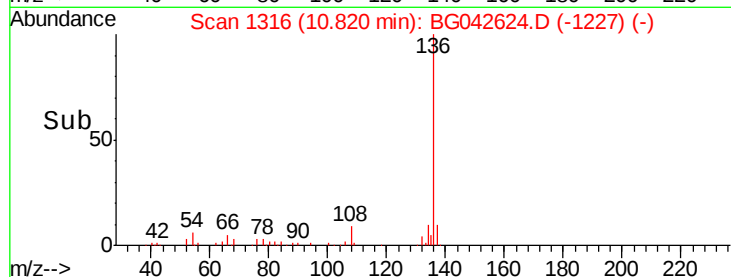
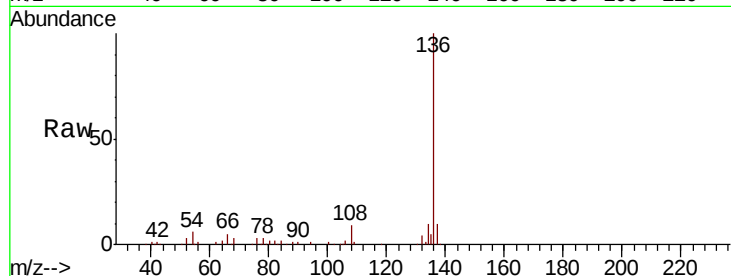




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042624.D
Acq: 31 Aug 2019 8:10

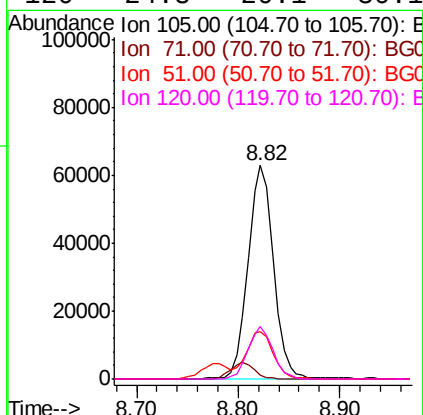
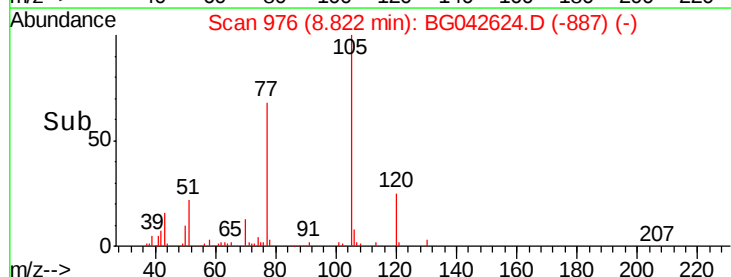
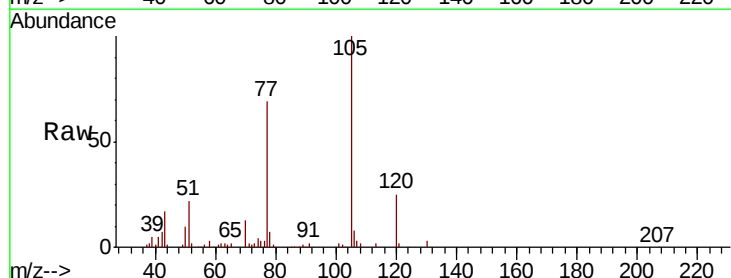
Instrument :
BNA_G
ClientSampleId :

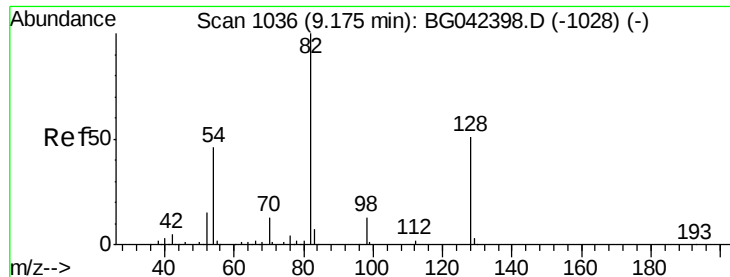
Tot Ion:136	Resp:	125731
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.7 13.1
54	5.7	4.9 7.3
68	3.3	3.6 5.4#



#22
Acetophenone
Concen: 40.919 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG042624.D
Acq: 31 Aug 2019 8:10

Tgt Ion:105	Resp:	110039
Ion Ratio	Lower	Upper
105	100	
71	2.0	2.8 4.2#
51	22.2	18.7 28.1
120	24.8	20.1 30.1

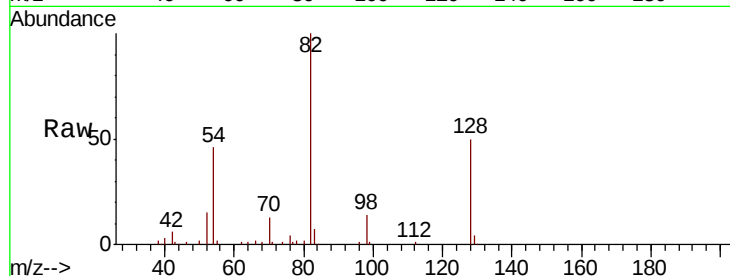




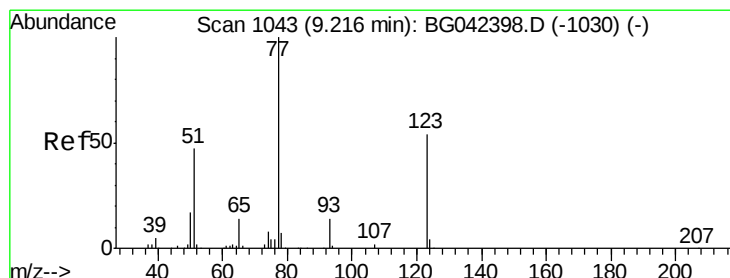
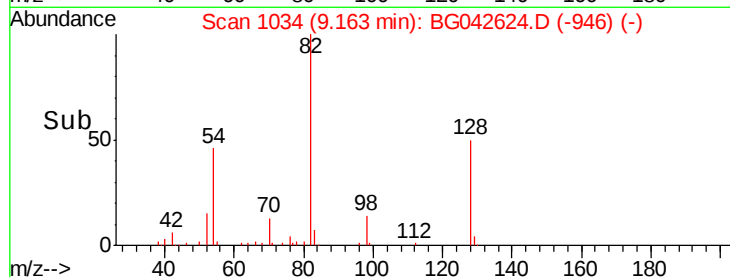
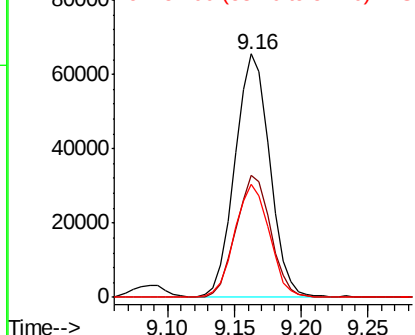
#23
Nitrobenzene-d5
Concen: 65.001 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042624.D
Acq: 31 Aug 2019 8:10

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 118266
Ion Ratio Lower Upper
82 100
128 50.3 40.7 61.1
54 46.2 36.3 54.5

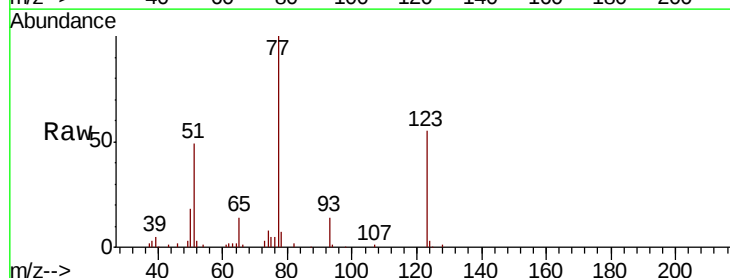


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

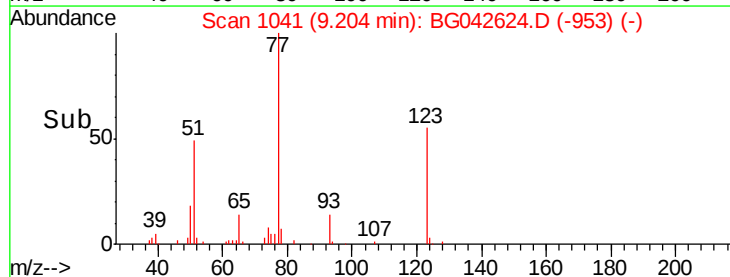
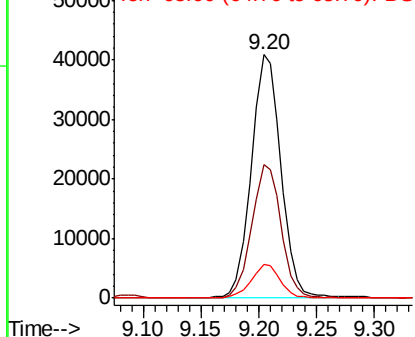


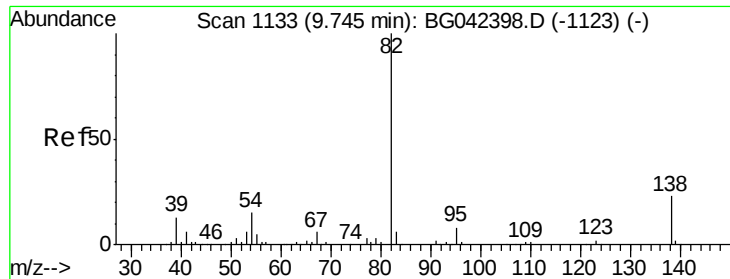
#24
Nitrobenzene
Concen: 39.729 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG042624.D
Acq: 31 Aug 2019 8:10

Tgt Ion: 77 Resp: 73199
Ion Ratio Lower Upper
77 100
123 55.0 43.4 65.0
65 14.0 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: 37.330 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042624.D

Acq: 31 Aug 2019 8:10

Instrument :

BNA_G

ClientSampleId :

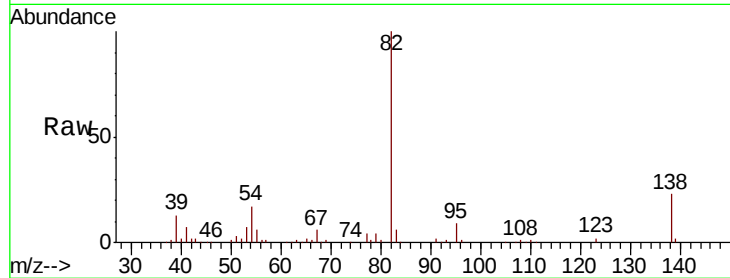
Tot Ion: 82 Resp: 134042

Ion Ratio Lower Upper

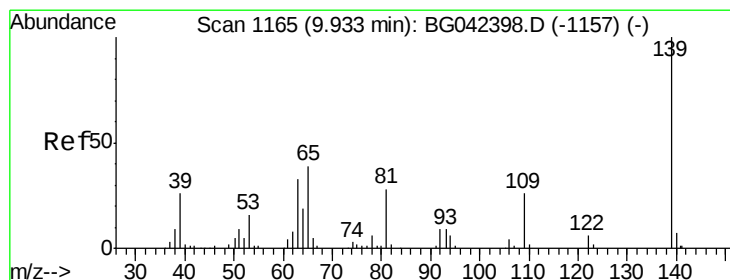
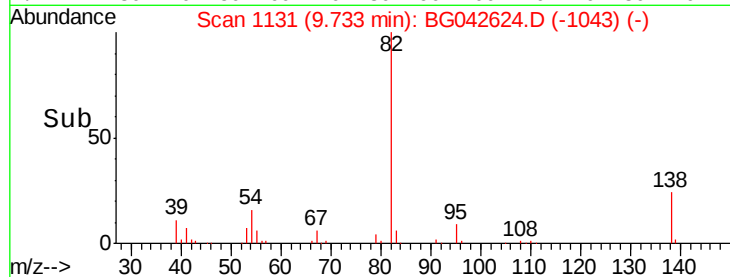
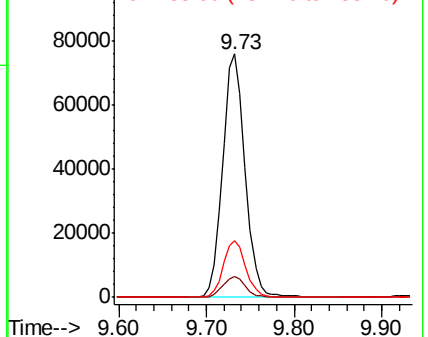
82 100

95 8.6 6.6 9.8

138 23.4 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: 41.517 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BG042624.D

Acq: 31 Aug 2019 8:10

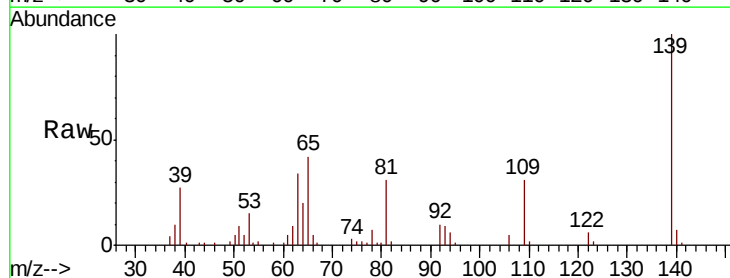
Tgt Ion: 139 Resp: 47936

Ion Ratio Lower Upper

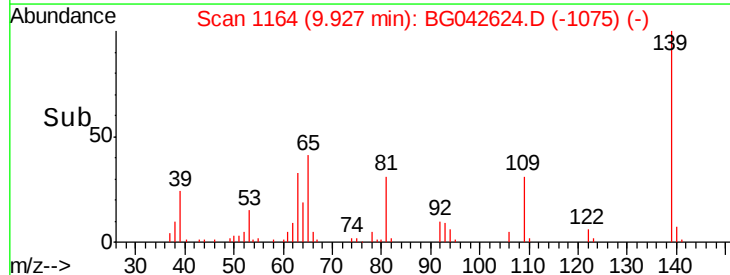
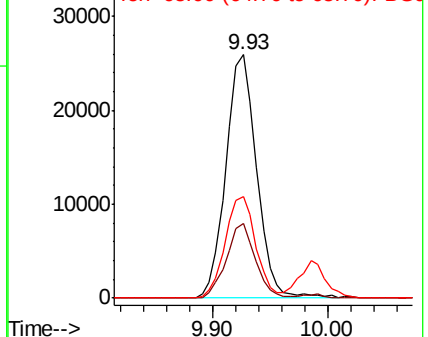
139 100

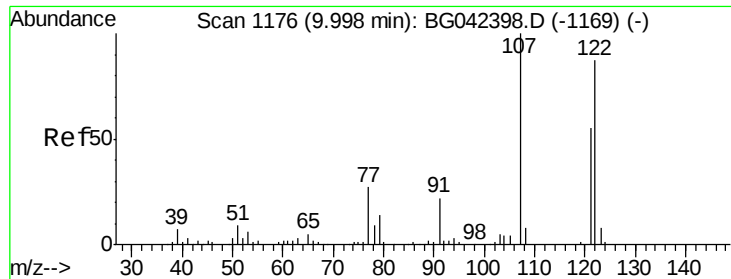
109 30.7 20.5 30.7#

65 41.9 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

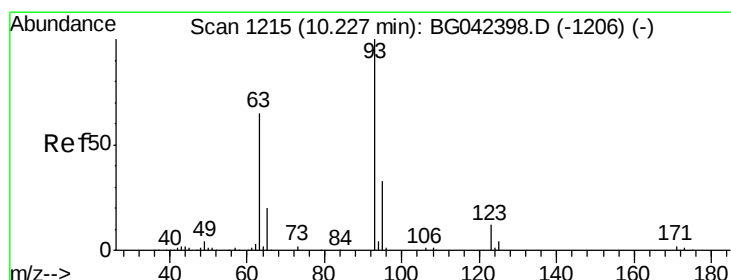
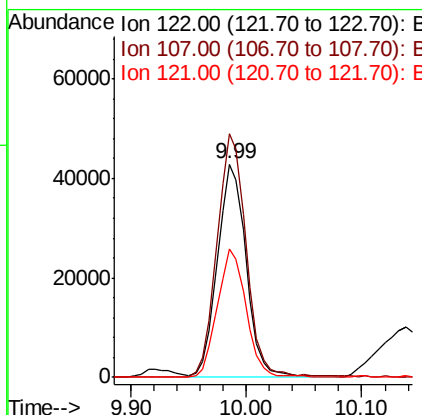
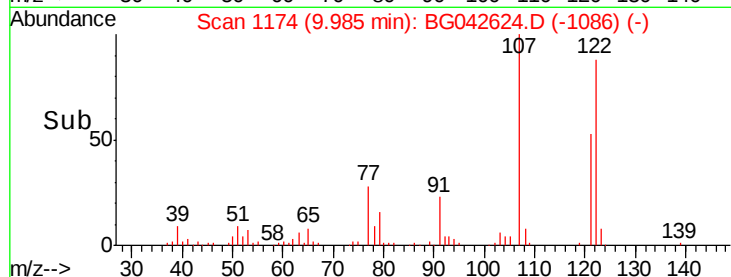
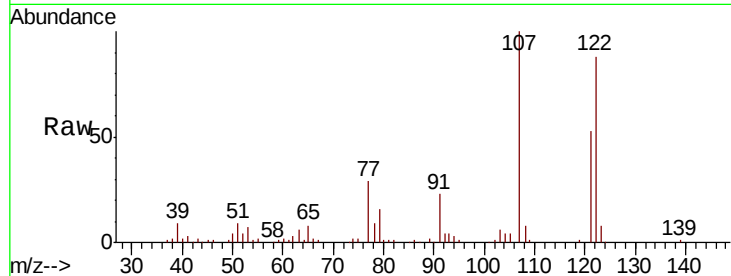




#27
2,4-Dimethylphenol
Concen: 46.644 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG042624.D
Acq: 31 Aug 2019 8:10

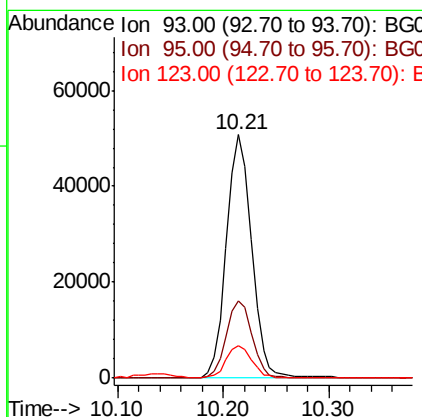
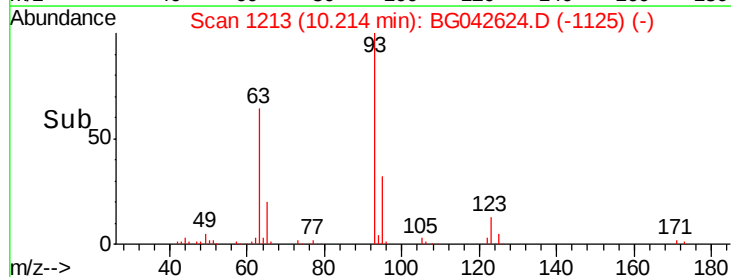
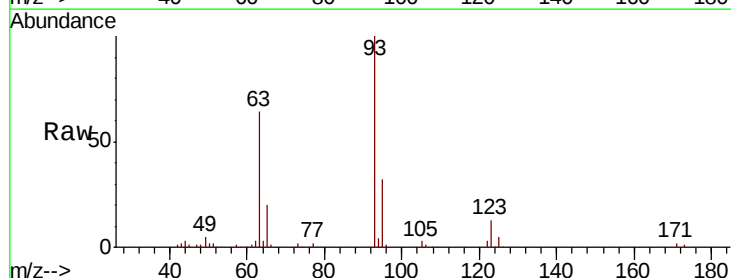
Instrument :
BNA_G
ClientSampleId :

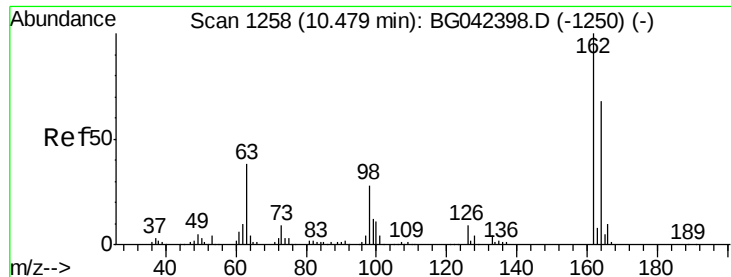
Tot Ion:122 Resp: 74185
Ion Ratio Lower Upper
122 100
107 114.0 90.8 136.2
121 60.3 49.6 74.4



#28
bis(2-Chloroethoxy)methane
Concen: 37.211 ng
RT: 10.21 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BG042624.D
Acq: 31 Aug 2019 8:10

Tgt Ion: 93 Resp: 84215
Ion Ratio Lower Upper
93 100
95 31.7 26.6 40.0
123 13.3 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 42.816 ng

RT: 10.47 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BG042624.D

Acq: 31 Aug 2019 8:10

Instrument :

BNA_G

ClientSampled :

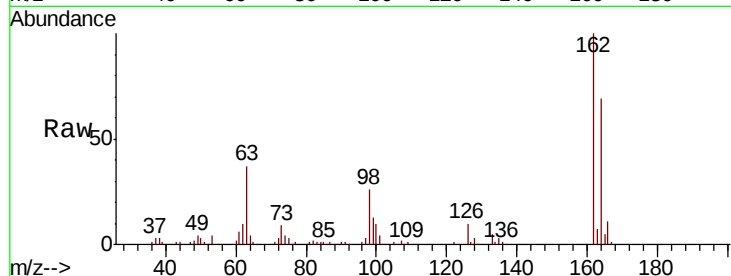
Tot Ion:162 Resp: 89096

Ion Ratio Lower Upper

162 100

164 68.8 48.1 88.1

98 26.1 7.6 47.6

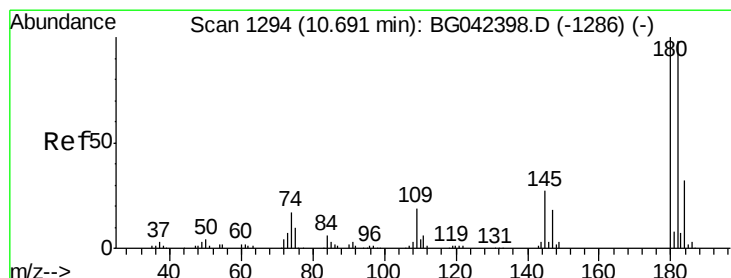
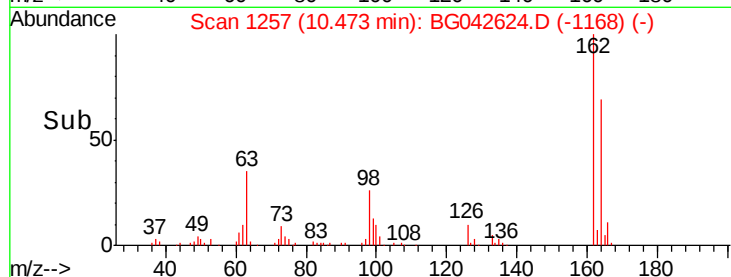
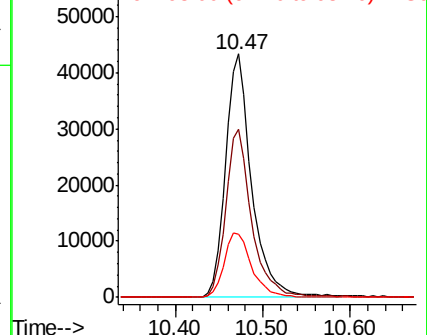


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 41.370 ng

RT: 10.68 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BG042624.D

Acq: 31 Aug 2019 8:10

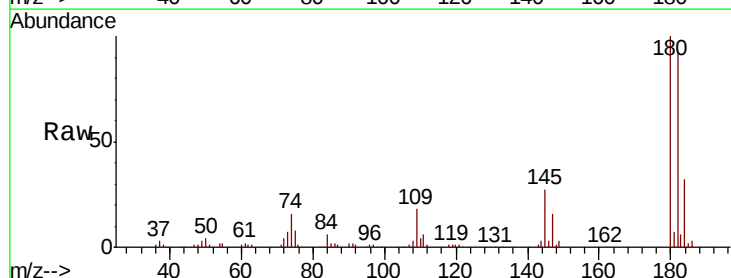
Tgt Ion:180 Resp: 105665

Ion Ratio Lower Upper

180 100

182 92.3 78.7 118.1

145 26.7 21.6 32.4

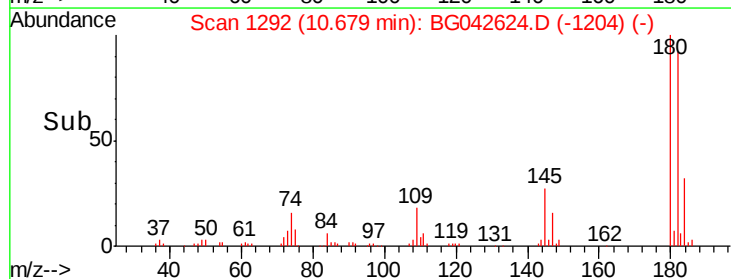
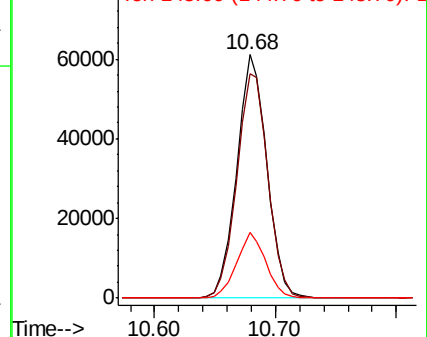


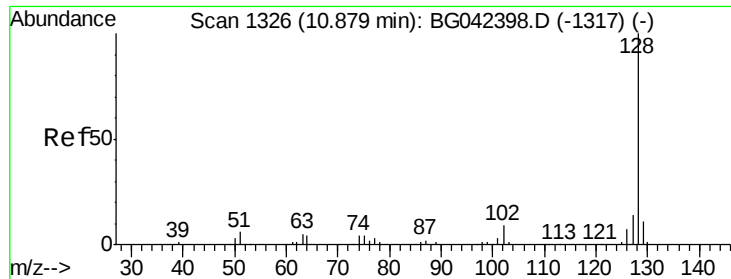
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

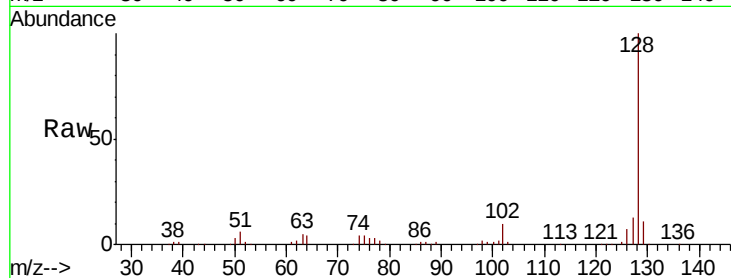




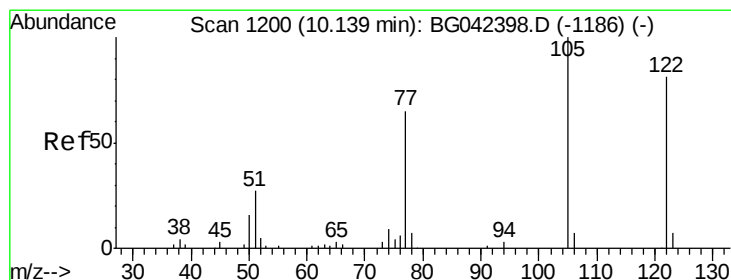
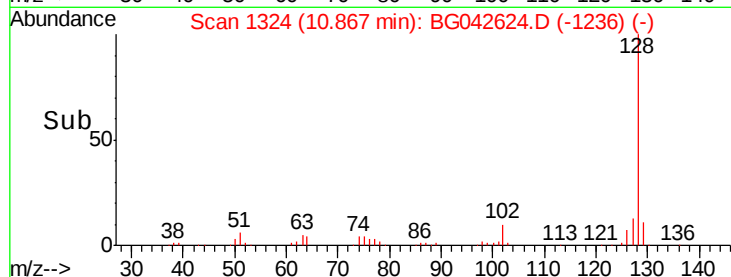
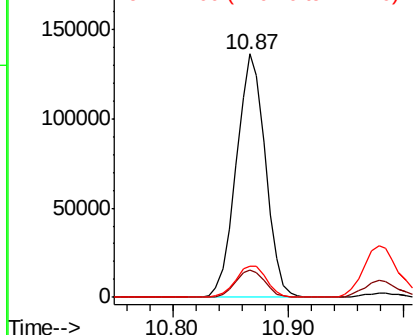
#31
Naphthalene
Concen: 40.668 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042624.D
Acq: 31 Aug 2019 8:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 237393
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.8 11.4 17.0

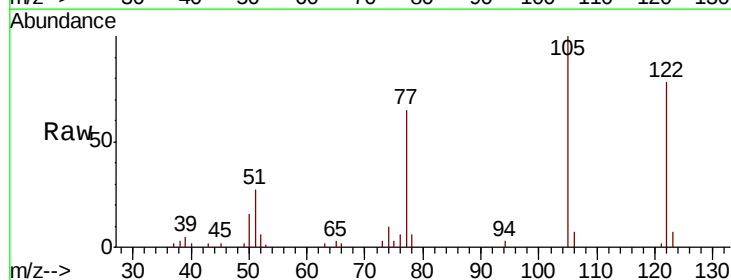


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

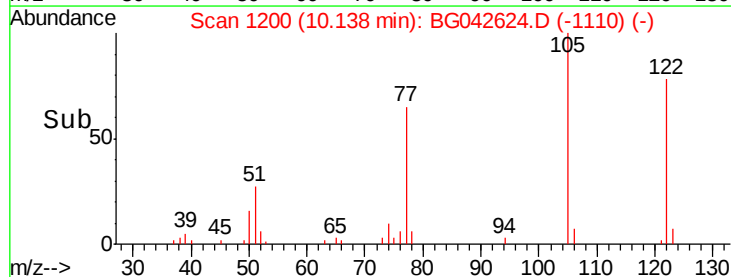
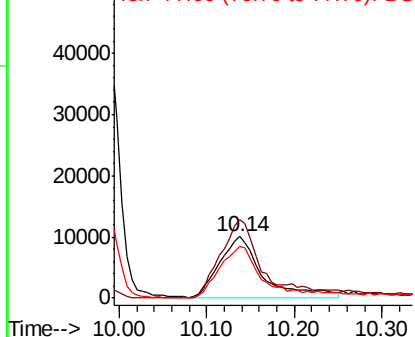


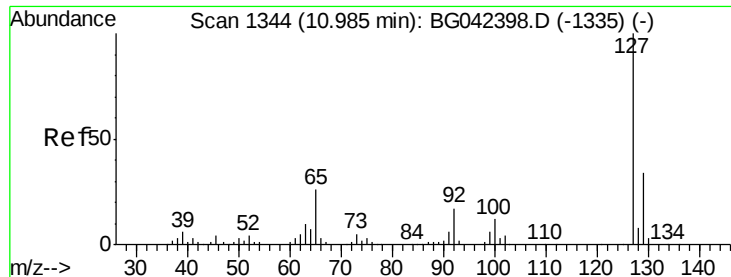
#32
Benzoic acid
Concen: 33.143 ng
RT: 10.14 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BG042624.D
Acq: 31 Aug 2019 8:10

Tgt Ion:122 Resp: 34739
Ion Ratio Lower Upper
122 100
105 128.3 99.6 139.6
77 83.2 59.5 99.5



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

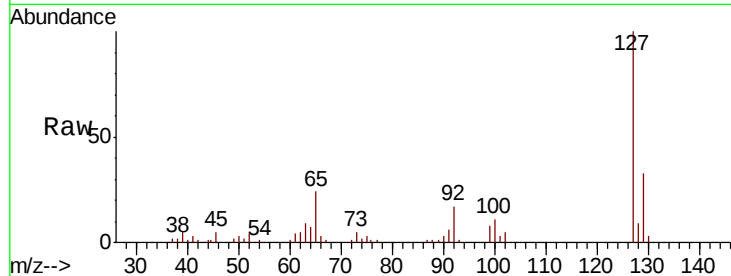




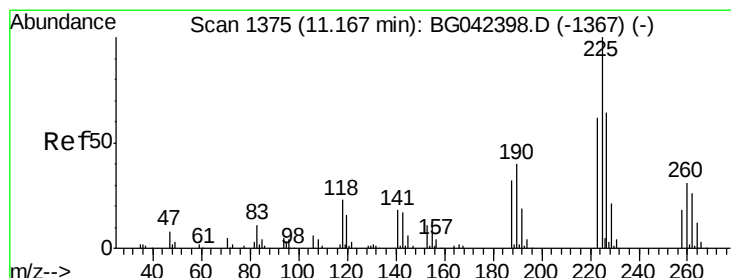
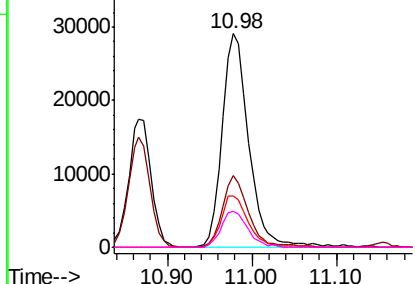
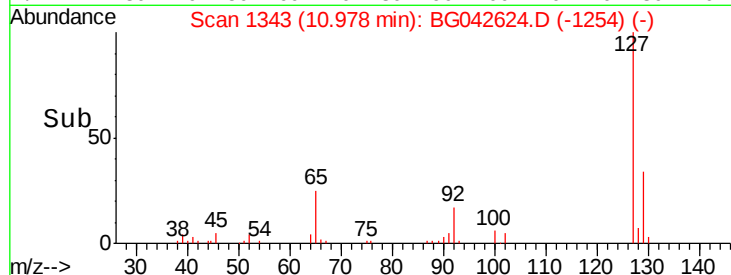
#33
4-Chloroaniline
Concen: 23.535 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG042624.D
Acq: 31 Aug 2019 8:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	63420
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.8	40.2
65	24.2	20.7	31.1
92	16.6	13.6	20.4

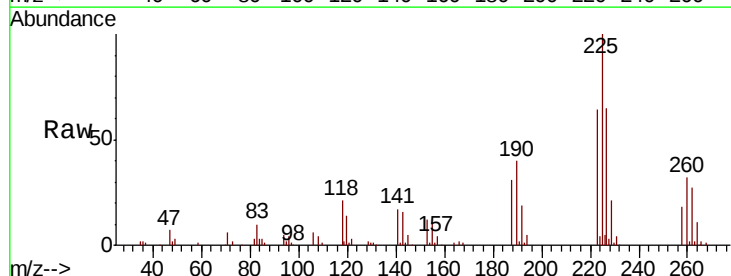


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

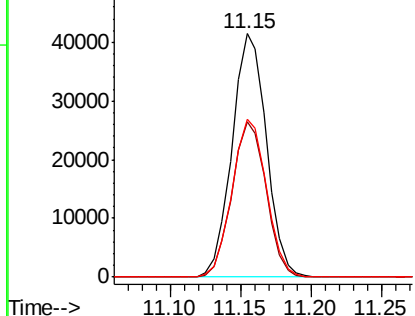
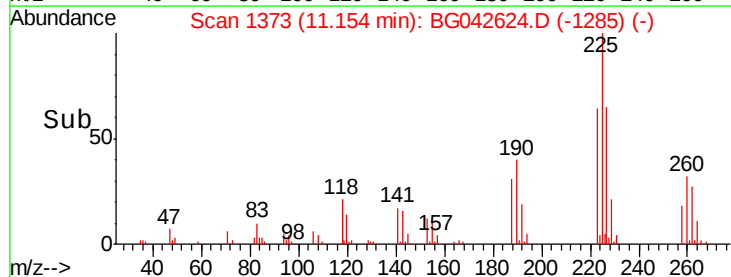


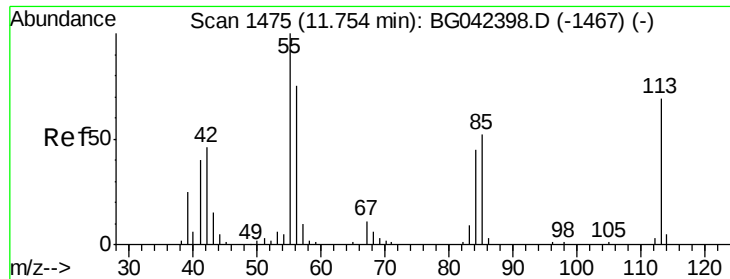
#34
Hexachlorobutadiene
Concen: 40.928 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG042624.D
Acq: 31 Aug 2019 8:10

Tgt Ion:	225	Resp:	70255
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.8	74.6
227	65.1	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

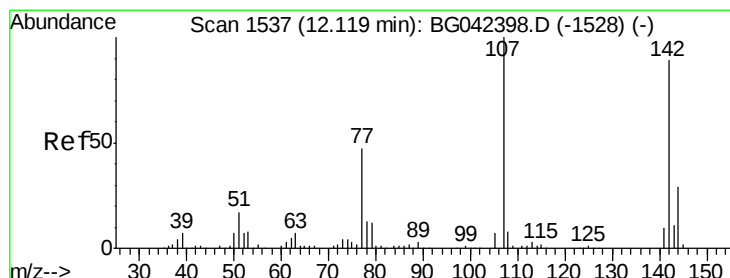
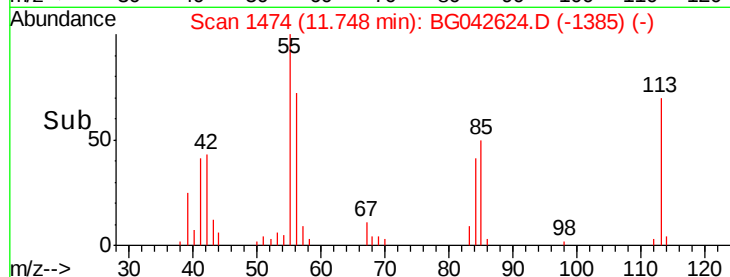
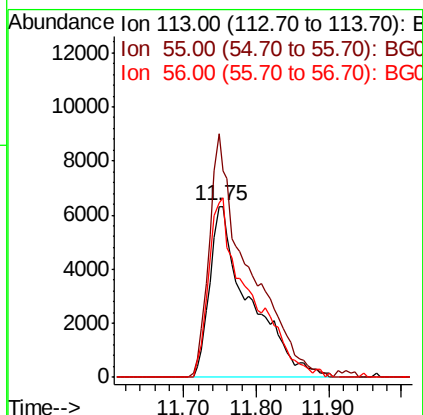
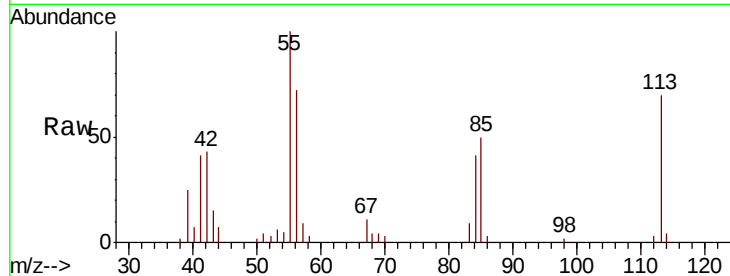




#35
 Caprolactam
 Concen: 34.756 ng
 RT: 11.75 min Scan# 1474
 Delta R.T. -0.01 min
 Lab File: BG042624.D
 Acq: 31 Aug 2019 8:10

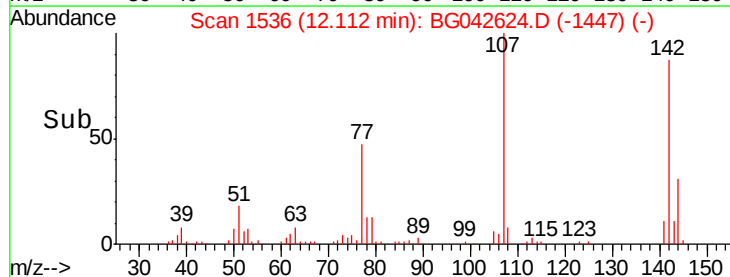
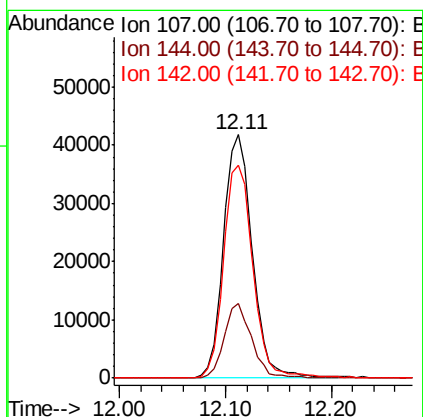
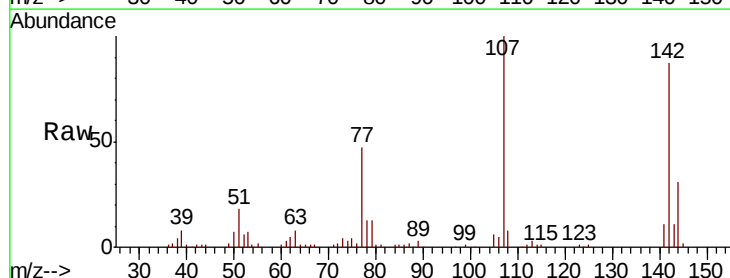
Instrument :
 BNA_G
 ClientSampleId :

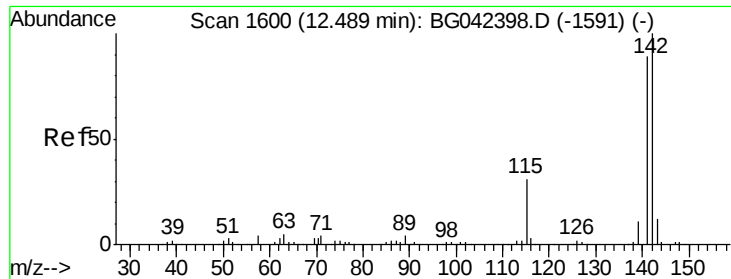
Tot Ion:113 Resp: 24133
 Ion Ratio Lower Upper
 113 100
 55 142.5 124.6 164.6
 56 102.5 88.3 128.3



#36
 4-Chloro-3-methylphenol
 Concen: 39.915 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BG042624.D
 Acq: 31 Aug 2019 8:10

Tgt Ion:107 Resp: 78846
 Ion Ratio Lower Upper
 107 100
 144 30.7 23.6 35.4
 142 87.5 71.0 106.4

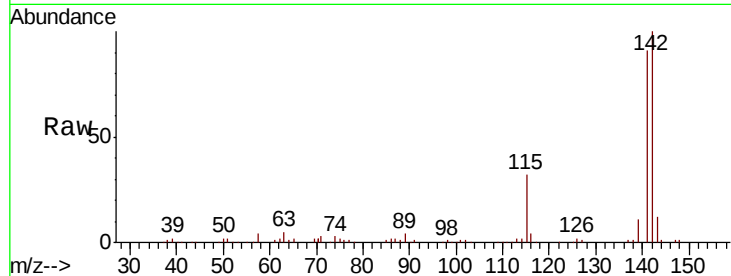




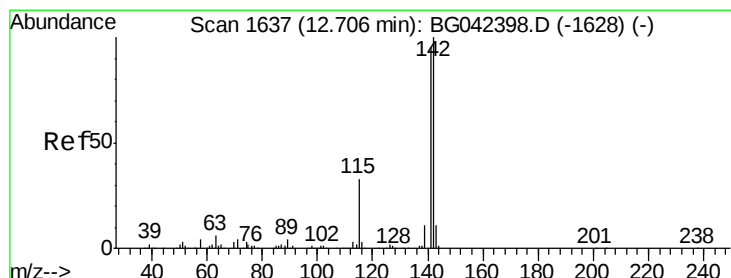
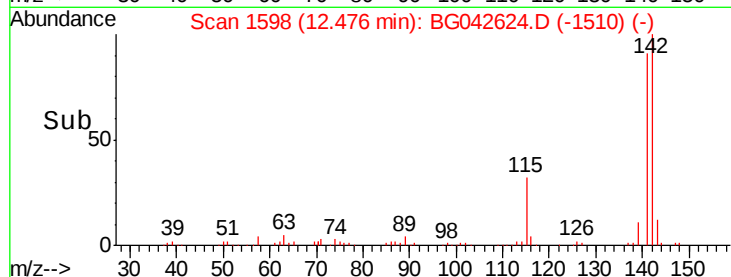
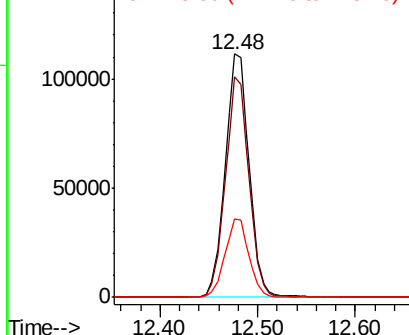
#37
2-Methylnaphthalene
Concen: 40.226 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BG042624.D
Acq: 31 Aug 2019 8:10

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.4	107.2
115	32.4	25.2	37.8

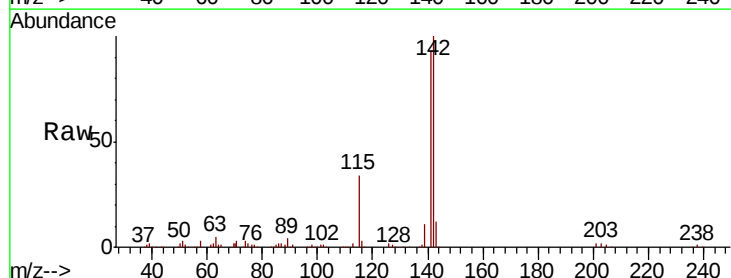


Abundance Ion 142.00 (141.70 to 142.70): E
150000 Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

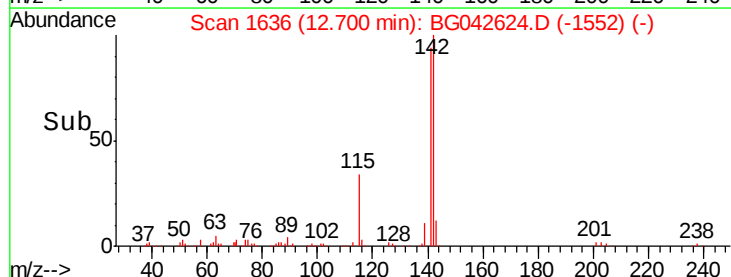
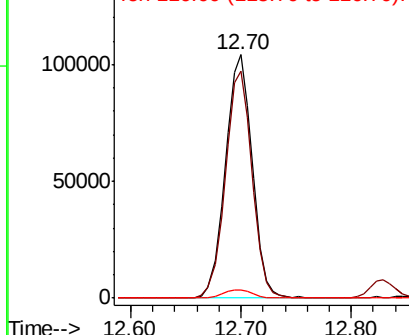


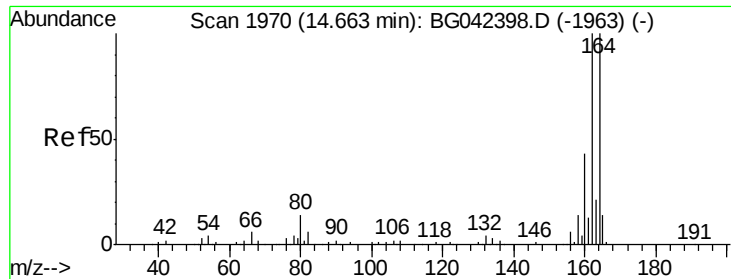
#38
1-Methylnaphthalene
Concen: 39.784 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BG042624.D
Acq: 31 Aug 2019 8:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	76.2	114.2
116	3.5	2.8	4.2



Abundance Ion 142.00 (141.70 to 142.70): E
100000 Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042624.D

Acq: 31 Aug 2019 8:10

Instrument :

BNA_G

ClientSampleId :

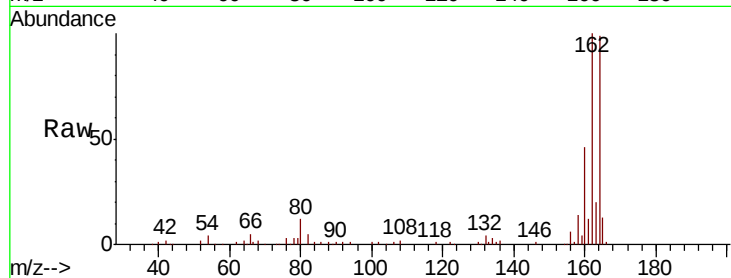
Tot Ion:164 Resp: 88680

Ion Ratio Lower Upper

164 100

162 101.1 79.9 119.9

160 46.1 34.3 51.5

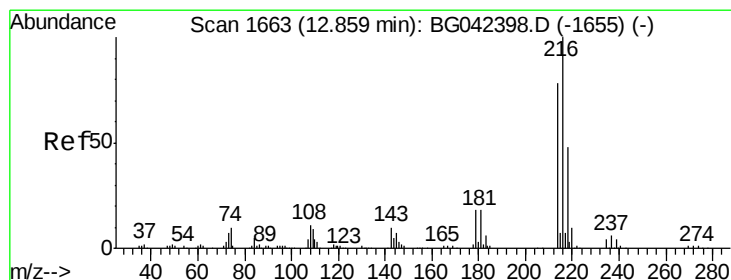
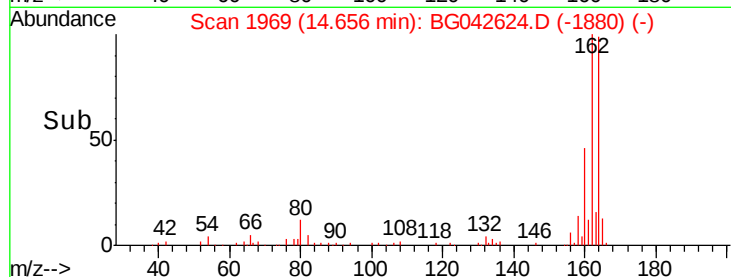
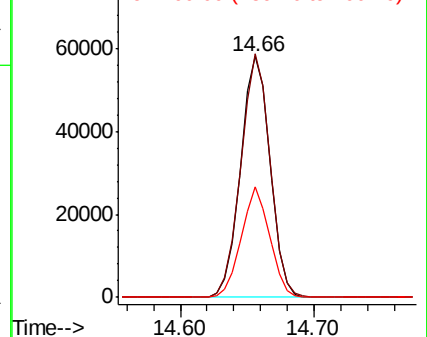


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.058 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG042624.D

Acq: 31 Aug 2019 8:10

Tgt Ion:216 Resp: 128317

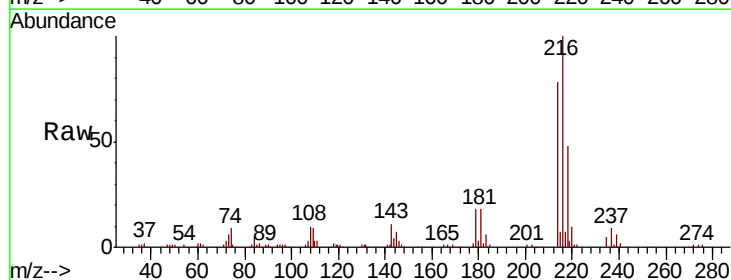
Ion Ratio Lower Upper

216 100

214 76.9 61.4 92.2

179 18.7 15.1 22.7

108 12.2 9.4 14.0



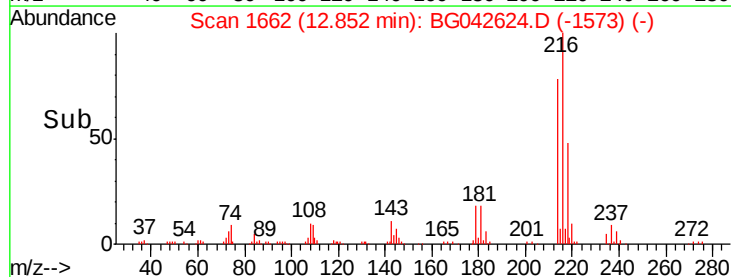
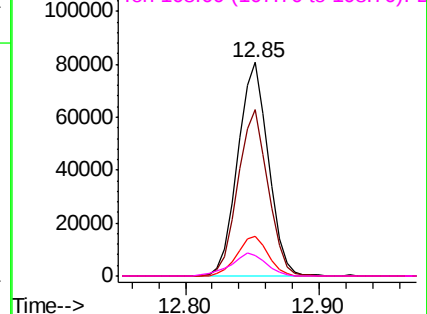
Abundance

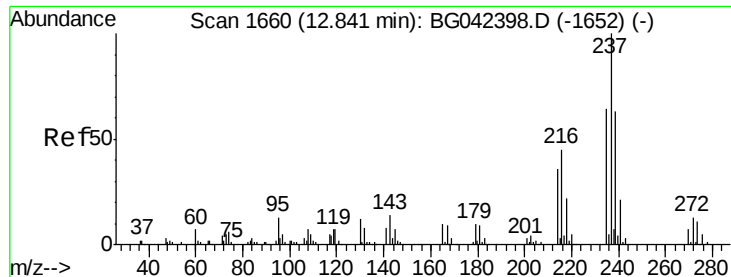
Ion 216.00 (215.70 to 216.70): E

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: 91.231 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG042624.D

Acq: 31 Aug 2019 8:10

Instrument :

BNA_G

ClientSampleId :

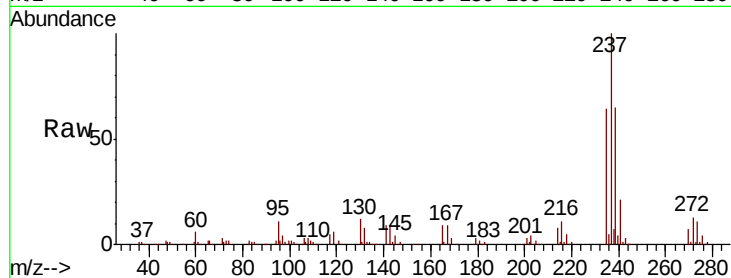
Tot Ion:237 Resp: 136475

Ion Ratio Lower Upper

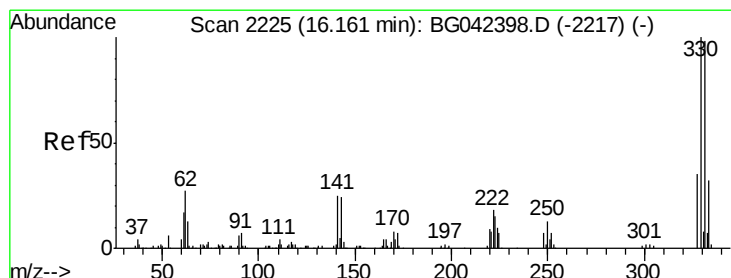
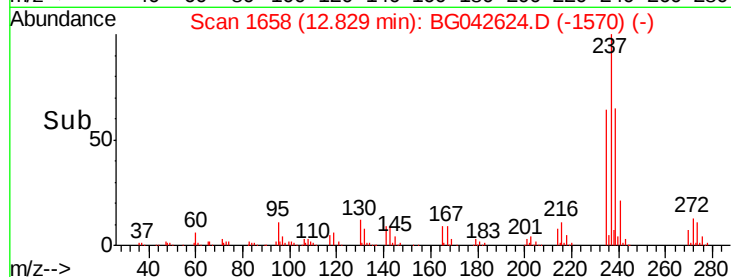
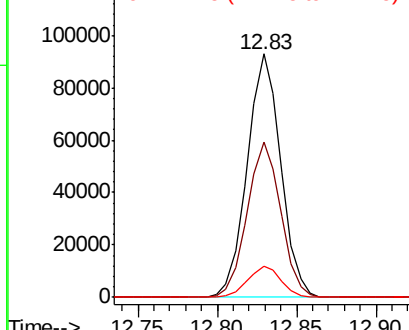
237 100

235 63.7 43.7 83.7

272 12.7 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: 109.674 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042624.D

Acq: 31 Aug 2019 8:10

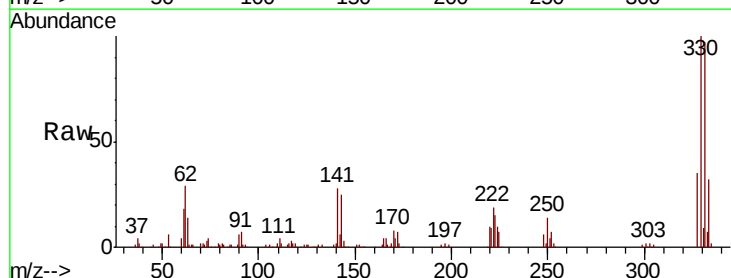
Tgt Ion:330 Resp: 138237

Ion Ratio Lower Upper

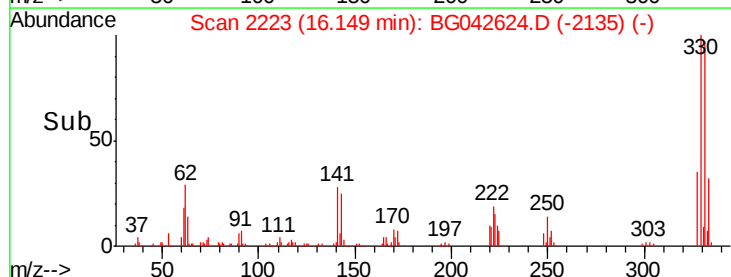
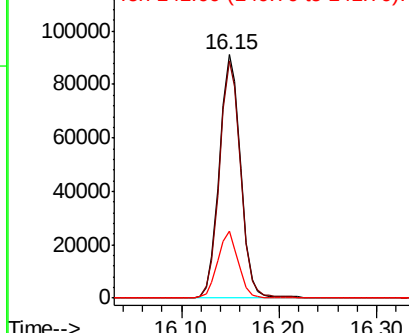
330 100

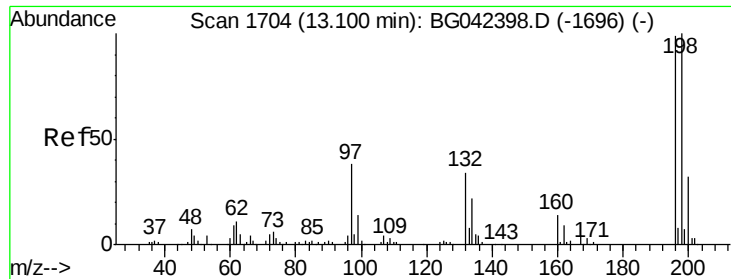
332 96.8 77.4 116.0

141 26.6 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

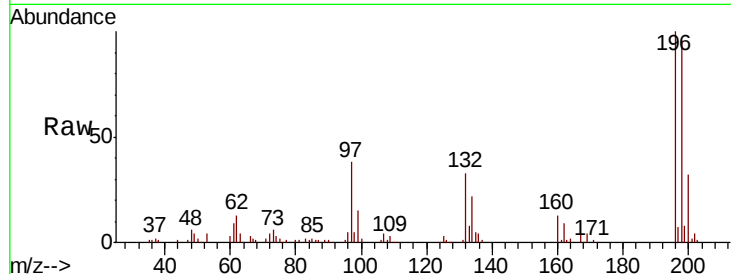




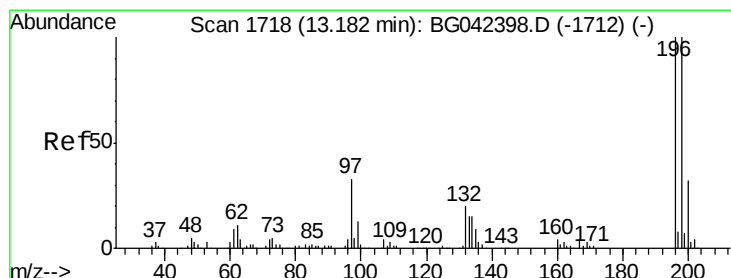
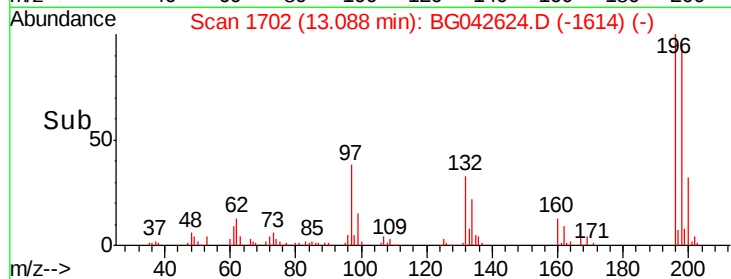
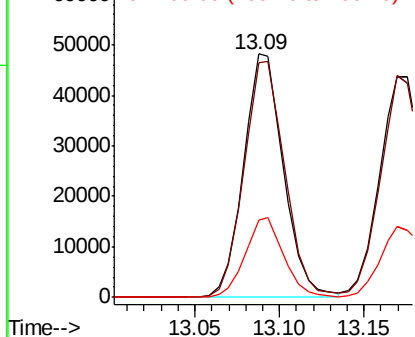
#43
 2,4,6-Trichlorophenol
 Concen: 41.113 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG042624.D
 Acq: 31 Aug 2019 8:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 79141
 Ion Ratio Lower Upper
 196 100
 198 96.4 80.7 121.1
 200 31.8 25.7 38.5

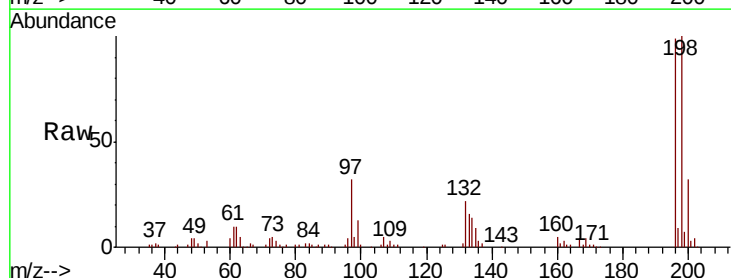


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

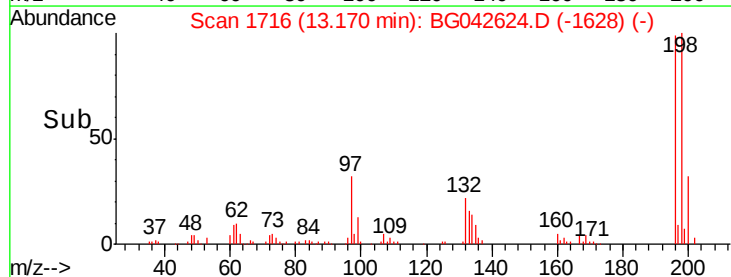
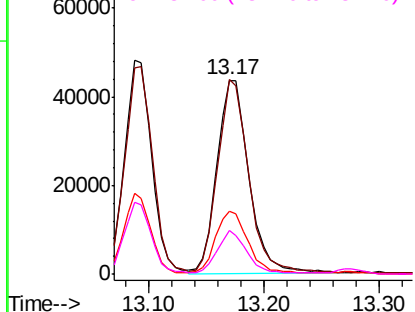


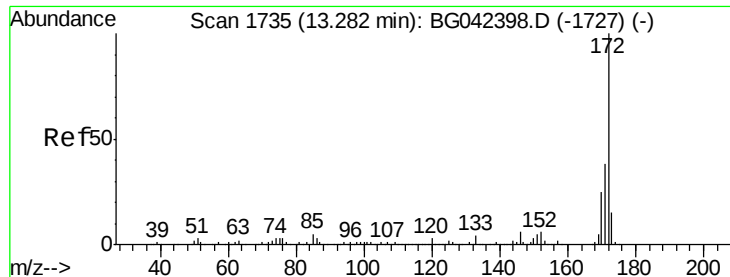
#44
 2,4,5-Trichlorophenol
 Concen: 41.712 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042624.D
 Acq: 31 Aug 2019 8:10

Tgt Ion:196 Resp: 83207
 Ion Ratio Lower Upper
 196 100
 198 100.9 80.2 120.4
 97 32.7 26.3 39.5
 132 22.6 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

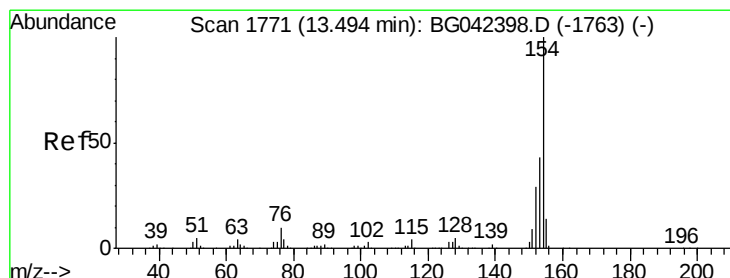
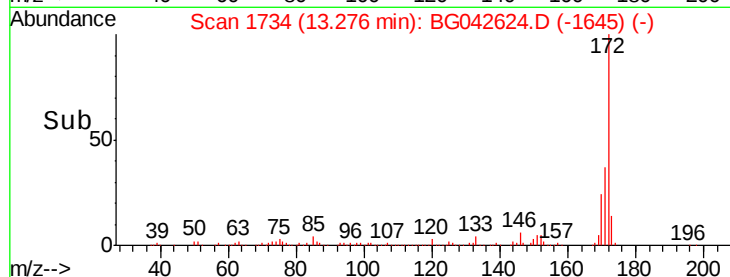
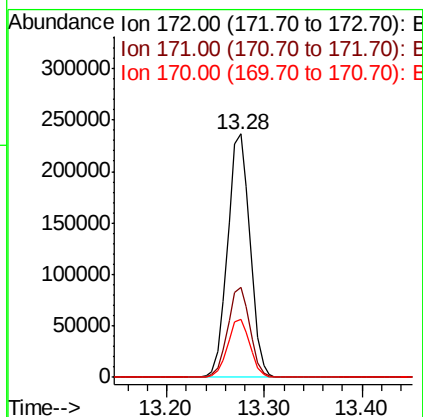
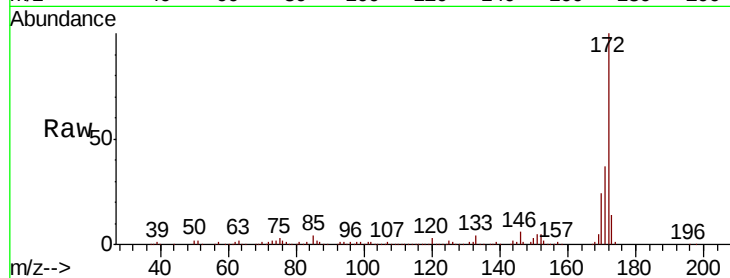




#45
2-Fluorobiphenyl
Concen: 71.700 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042624.D
Acq: 31 Aug 2019 8:10

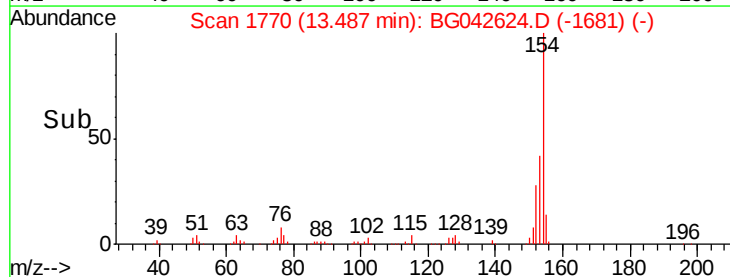
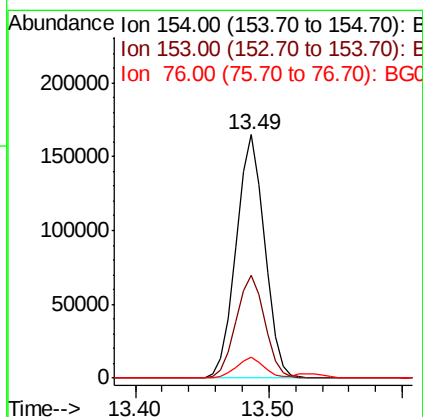
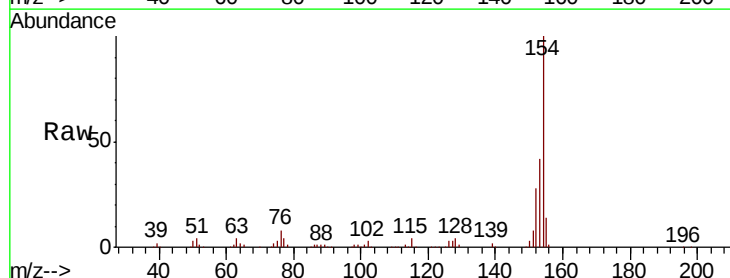
Instrument :
BNA_G
ClientSampleId :

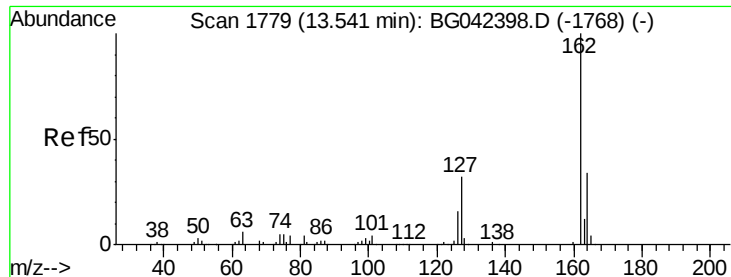
Tot Ion:172 Resp: 375946
Ion Ratio Lower Upper
172 100
171 36.8 30.5 45.7
170 23.7 20.2 30.2



#46
1,1'-Biphenyl
Concen: 42.636 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BG042624.D
Acq: 31 Aug 2019 8:10

Tgt Ion:154 Resp: 244402
Ion Ratio Lower Upper
154 100
153 42.1 23.0 63.0
76 8.4 0.0 29.6

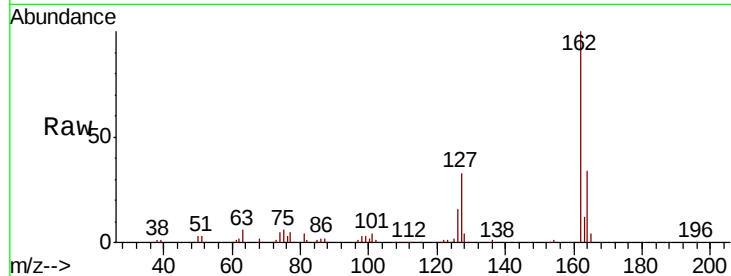




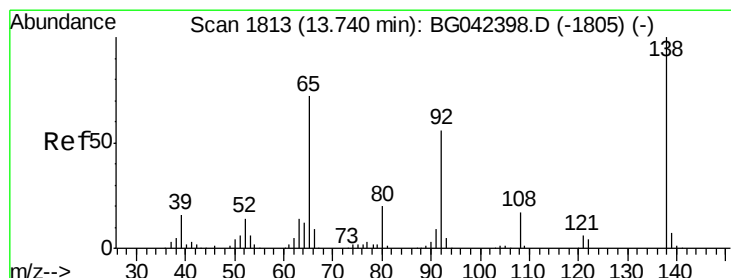
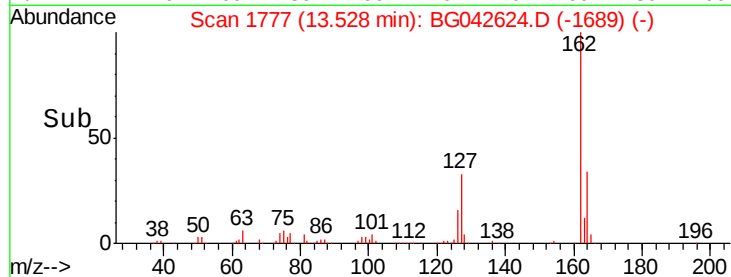
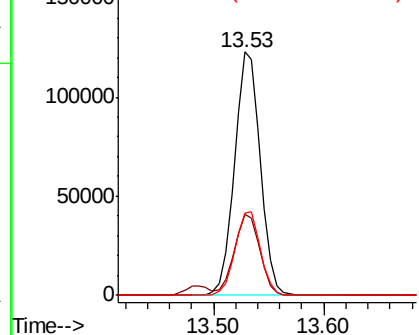
#47
2-Chloronaphthalene
Concen: 40.621 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG042624.D
Acq: 31 Aug 2019 8:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	33.0	26.0	39.0
164	33.6	27.4	41.0

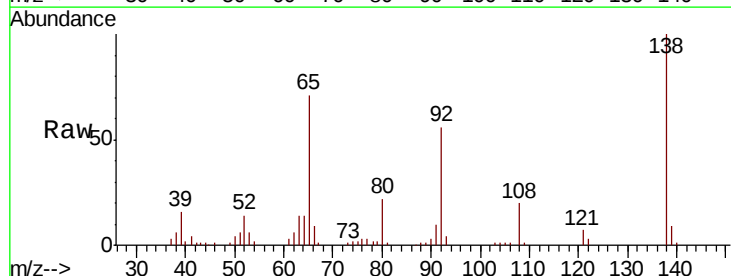


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

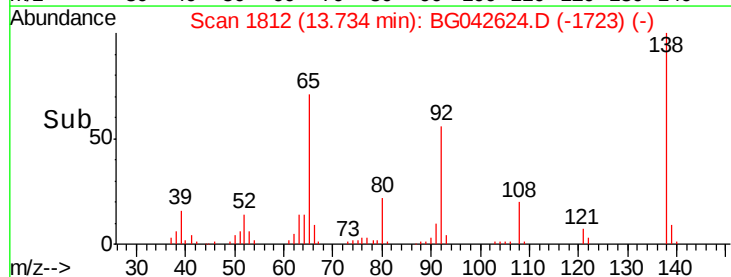
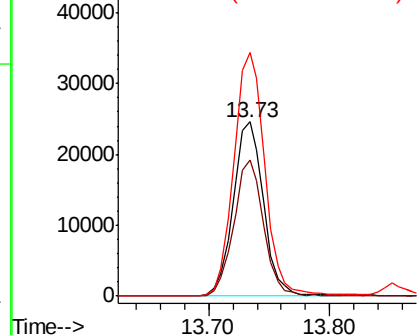


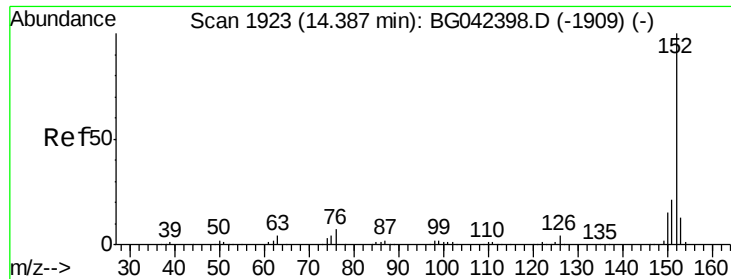
#48
2-Nitroaniline
Concen: 36.043 ng
RT: 13.73 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BG042624.D
Acq: 31 Aug 2019 8:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	78.2	61.8	92.6
138	140.0	111.0	166.6



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





#49

Acenaphthylene

Concen: 41.799 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042624.D

Acq: 31 Aug 2019 8:10

Instrument :

BNA_G

ClientSampleId :

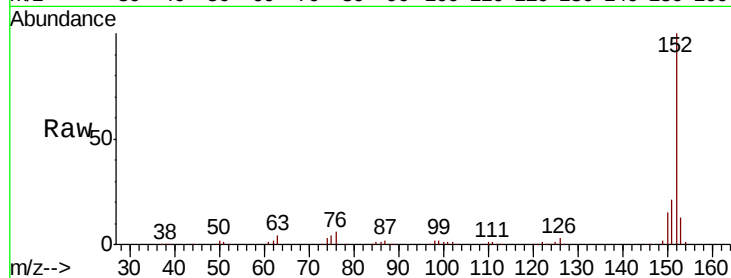
Tot Ion:152 Resp: 310828

Ion Ratio Lower Upper

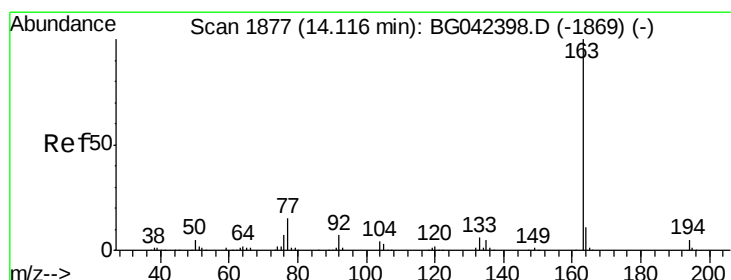
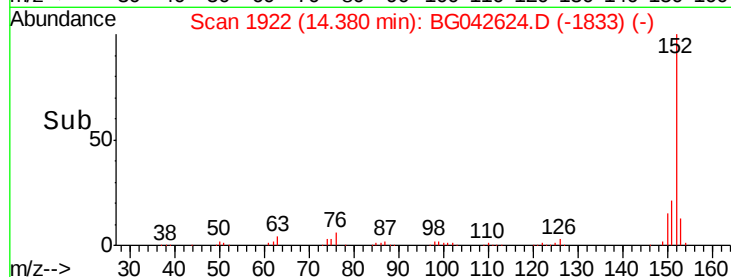
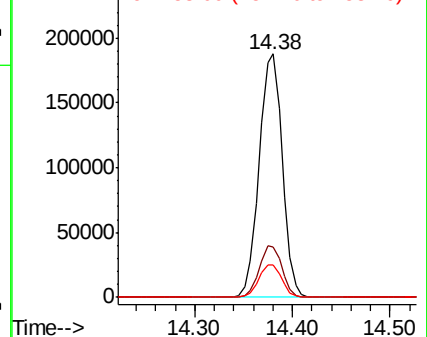
152 100

151 20.8 17.0 25.4

153 13.1 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: 39.296 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG042624.D

Acq: 31 Aug 2019 8:10

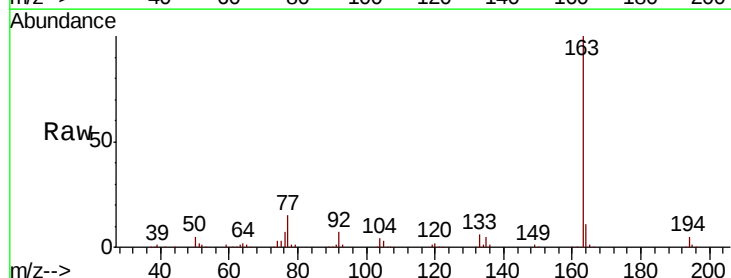
Tgt Ion:163 Resp: 251437

Ion Ratio Lower Upper

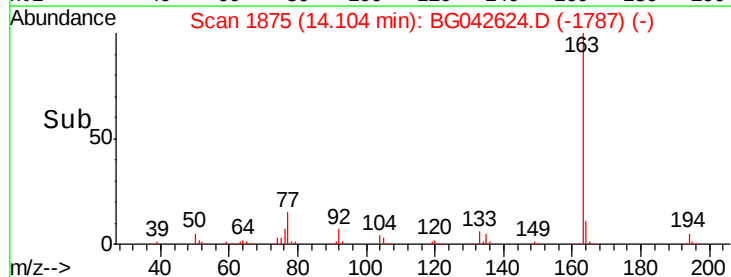
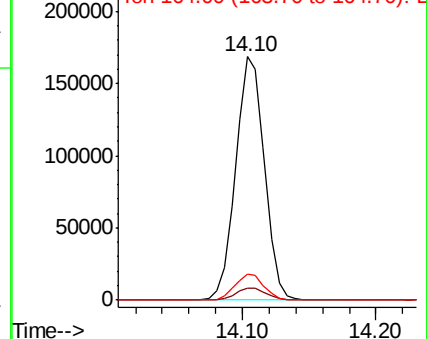
163 100

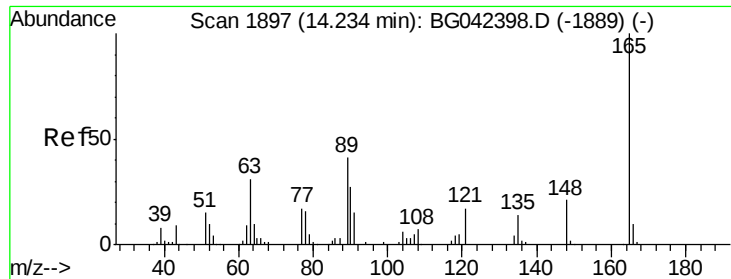
194 4.9 4.2 6.2

164 10.7 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

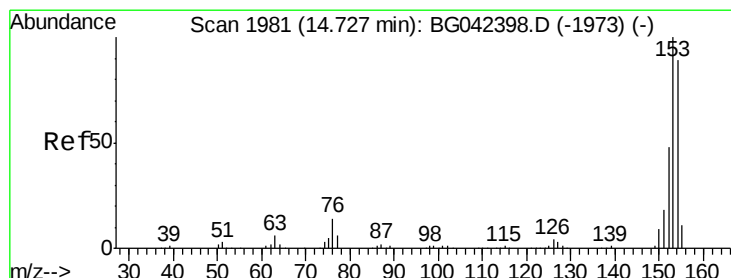
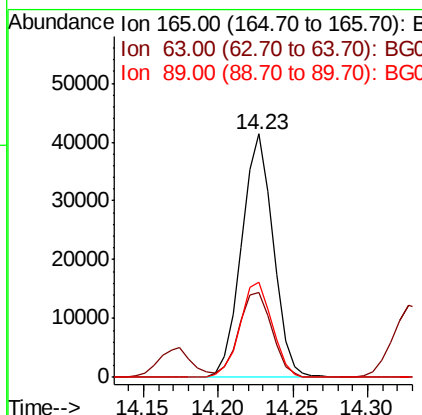
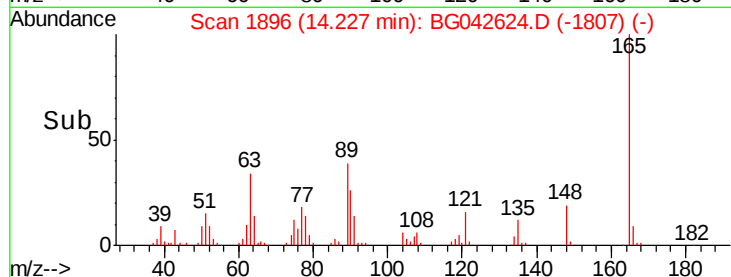
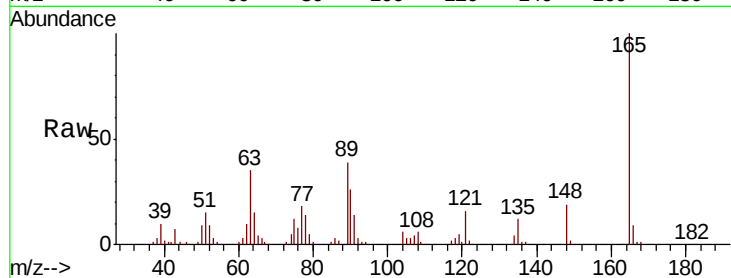




#51
 2,6-Dinitrotoluene
 Concen: 40.917 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BG042624.D
 Acq: 31 Aug 2019 8:10

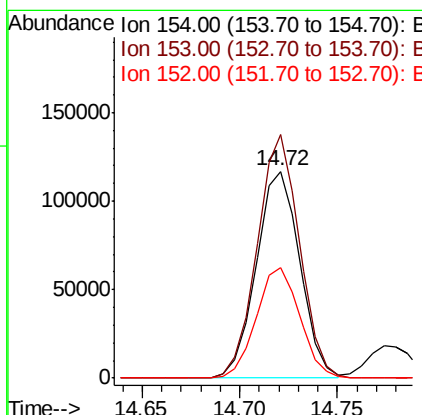
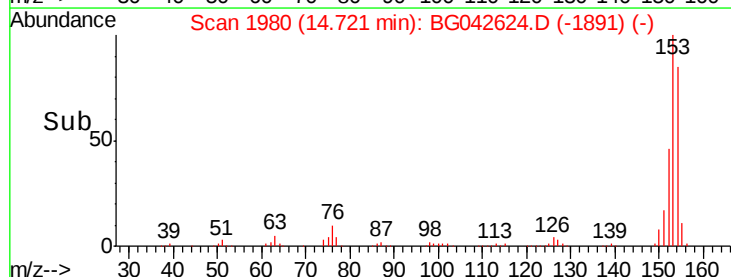
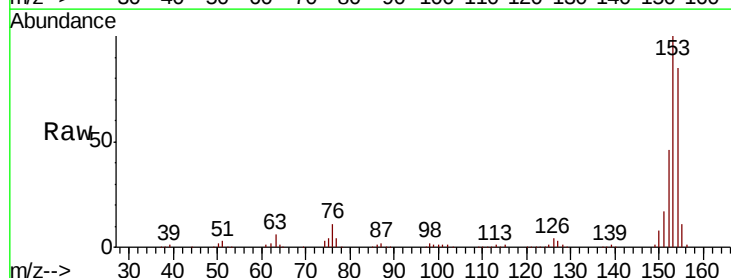
Instrument :
 BNA_G
 ClientSampleId :

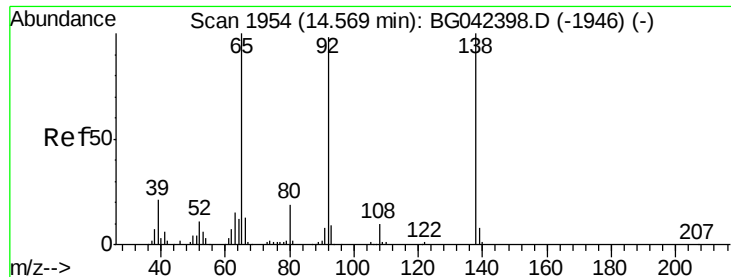
Tot Ion	Ratio	Lower	Upper
165	100		
63	34.9	30.6	45.8
89	39.0	32.6	49.0



#52
 Acenaphthene
 Concen: 39.952 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BG042624.D
 Acq: 31 Aug 2019 8:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	117.6	90.2	135.4
152	53.6	43.2	64.8





#53

3-Nitroaniline

Concen: 26.267 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG042624.D

Acq: 31 Aug 2019 8:10

Instrument :

BNA_G

ClientSampleId :

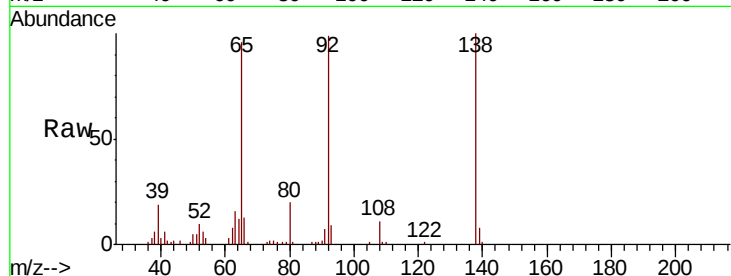
Tot Ion:138 Resp: 38962

Ion Ratio Lower Upper

138 100

108 10.9 8.3 12.5

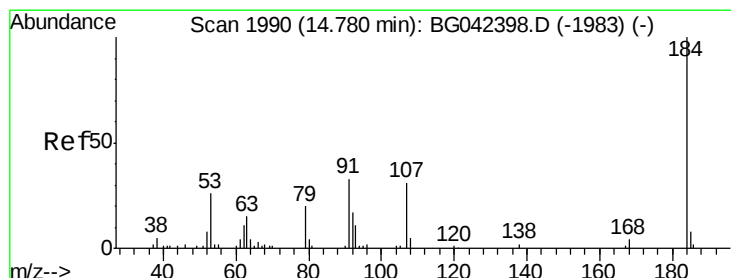
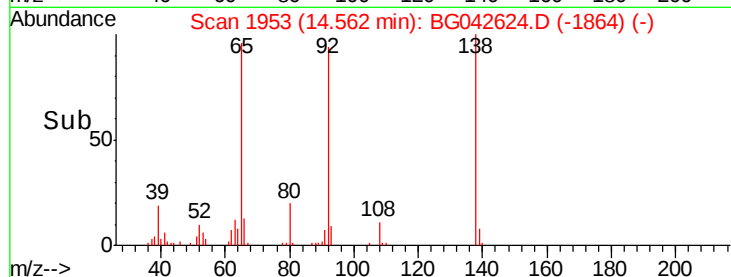
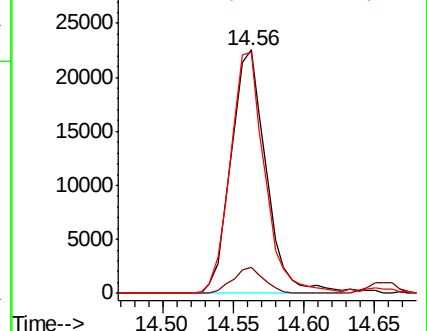
92 99.0 78.2 117.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



#54

2,4-Dinitrophenol

Concen: 67.443 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BG042624.D

Acq: 31 Aug 2019 8:10

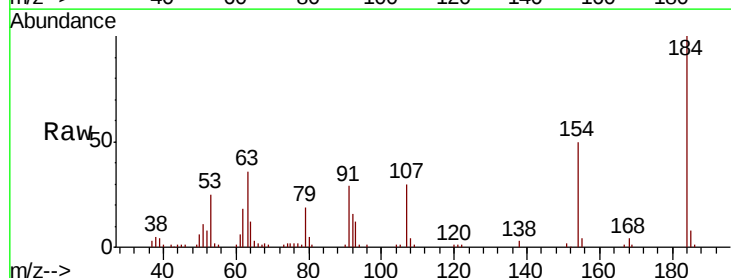
Tgt Ion:184 Resp: 66362

Ion Ratio Lower Upper

184 100

63 35.9 31.7 47.5

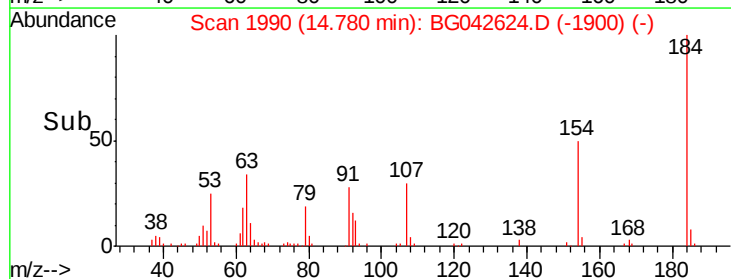
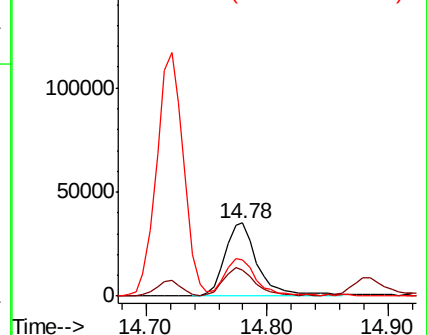
154 50.2 42.0 63.0

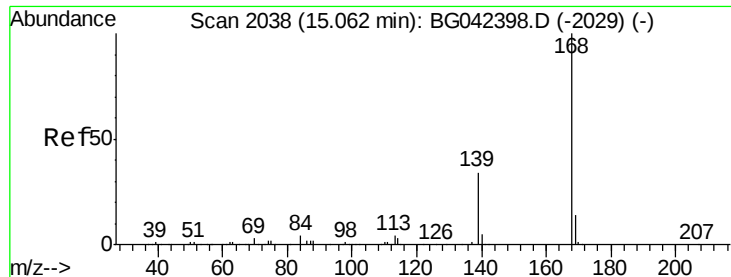


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 41.668 ng

RT: 15.06 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BG042624.D

Acq: 31 Aug 2019 8:10

Instrument :

BNA_G

ClientSampled :

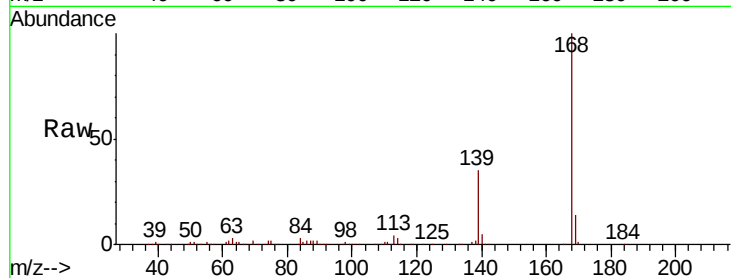
Tot Ion:168 Resp: 311440

Ion Ratio Lower Upper

168 100

139 34.6 27.2 40.8

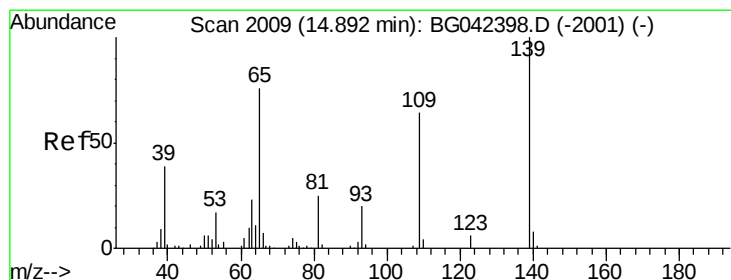
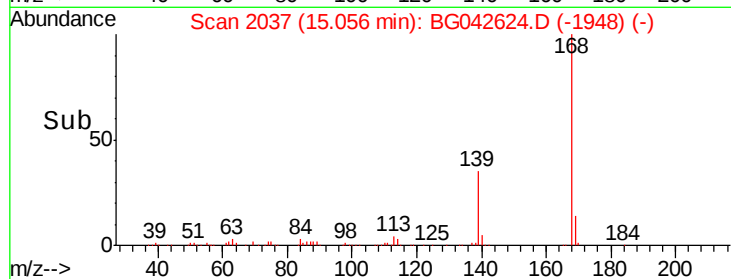
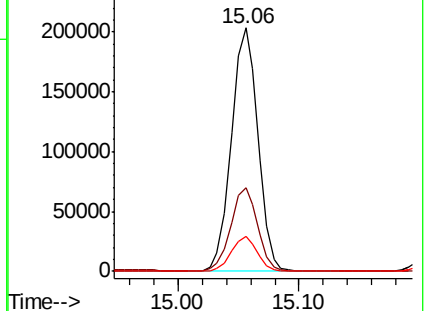
169 14.2 11.5 17.3



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: 76.395 ng

RT: 14.89 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BG042624.D

Acq: 31 Aug 2019 8:10

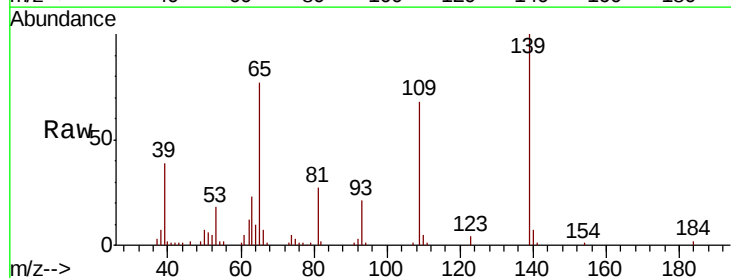
Tgt Ion:139 Resp: 80519

Ion Ratio Lower Upper

139 100

109 68.3 43.9 83.9

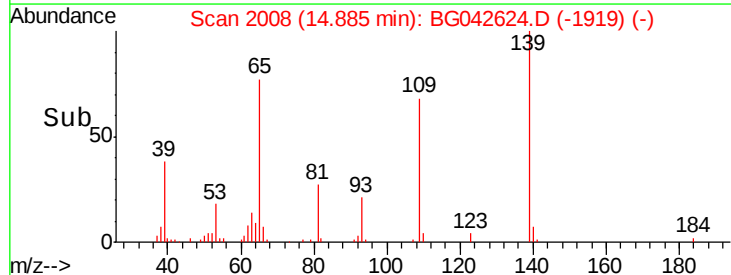
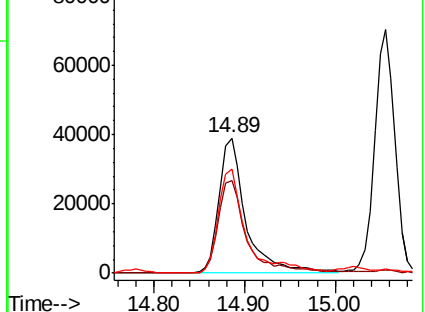
65 77.1 56.3 96.3

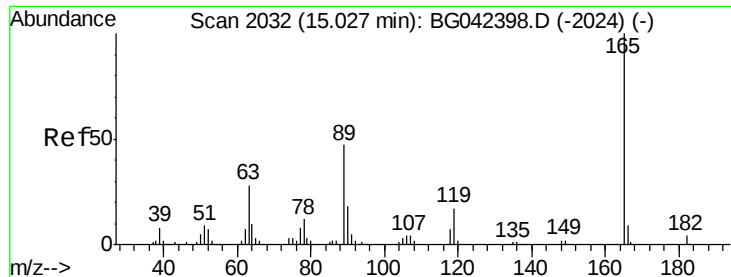


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

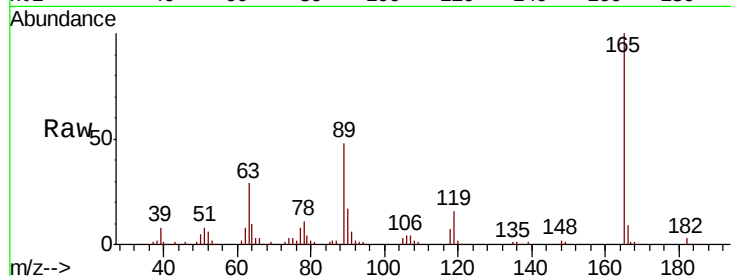




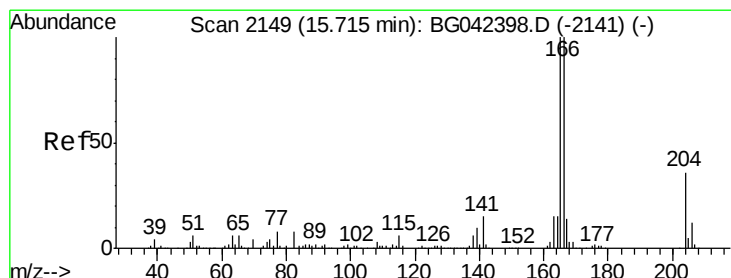
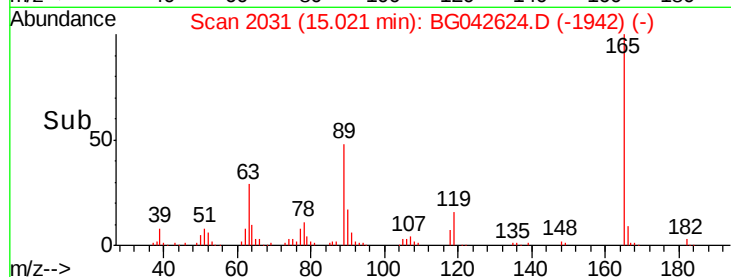
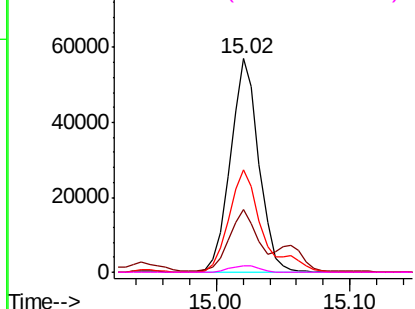
#57
 2,4-Dinitrotoluene
 Concen: 39.669 ng
 RT: 15.02 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BG042624.D
 Acq: 31 Aug 2019 8:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	84251
Ion Ratio	Lower	Upper
165	100	
63	29.2	22.5 33.7
89	47.9	37.8 56.6
182	3.2	3.0 4.4

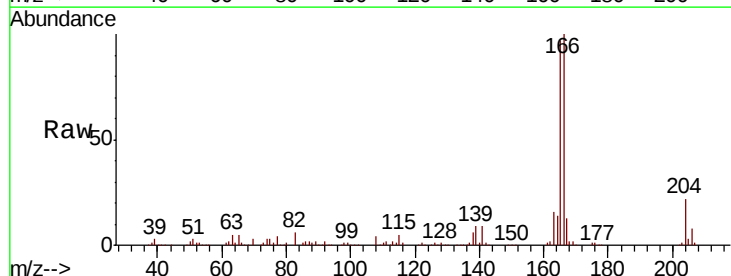


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

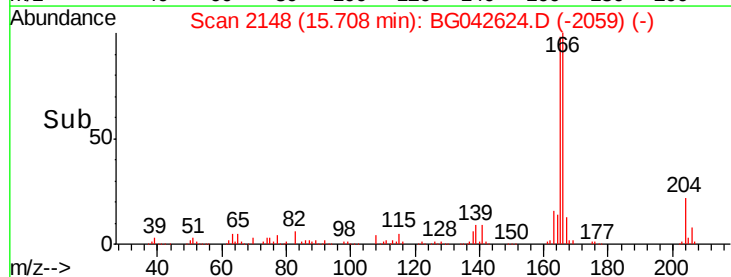
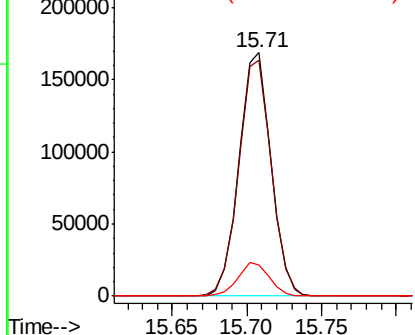


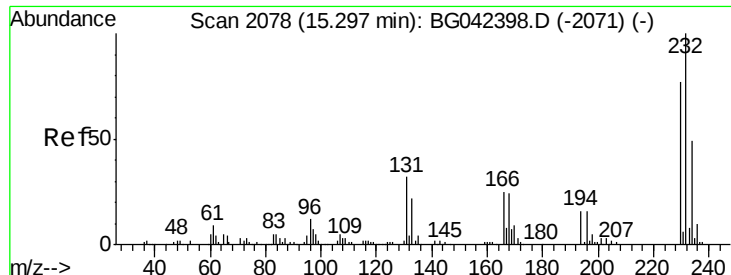
#58
 Fluorene
 Concen: 41.059 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG042624.D
 Acq: 31 Aug 2019 8:10

Tgt Ion:166	Resp:	250863
Ion Ratio	Lower	Upper
166	100	
165	97.0	79.7 119.5
167	13.0	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

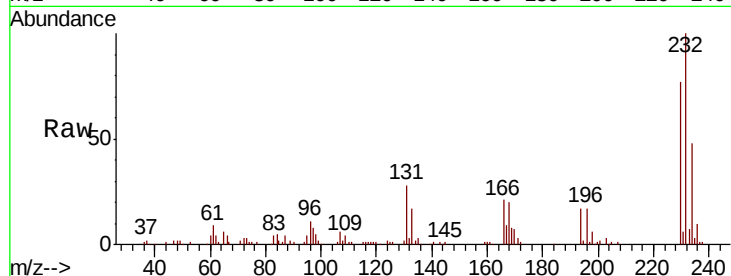




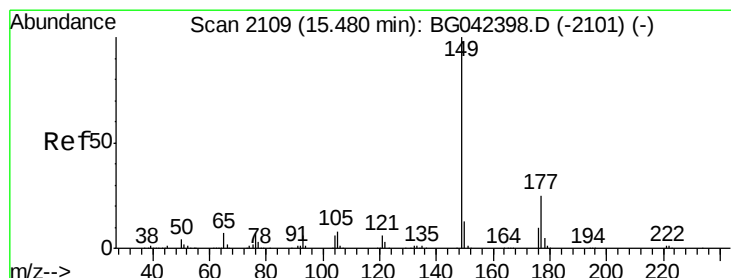
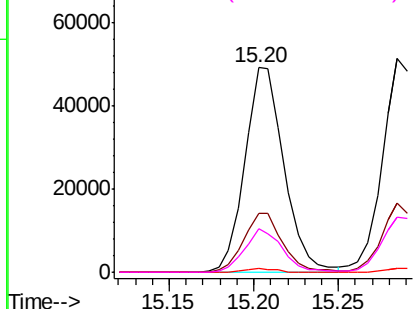
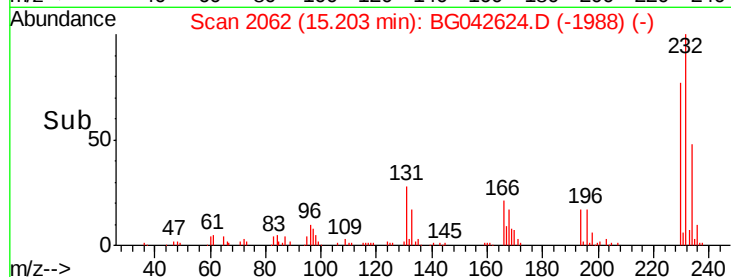
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.245 ng
 RT: 15.20 min Scan# 2062
 Delta R.T. -0.09 min
 Lab File: BG042624.D
 Acq: 31 Aug 2019 8:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	79391
Ion Ratio	Lower	Upper
232	100	
131	28.6	22.9 34.3
130	1.4	1.4 2.0
166	20.5	17.0 25.4

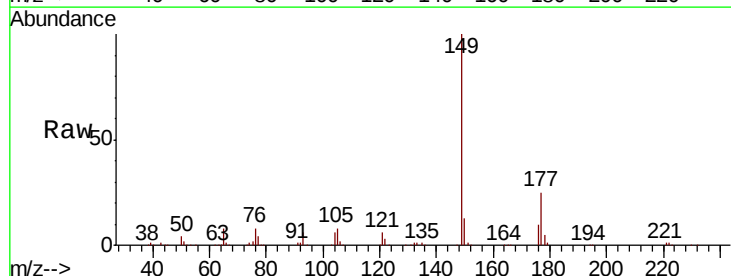


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

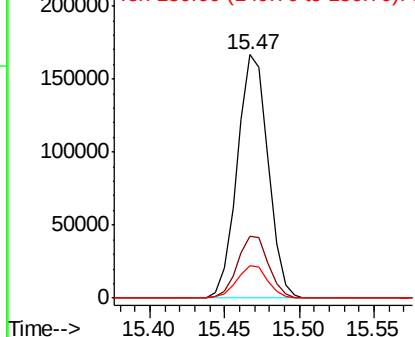
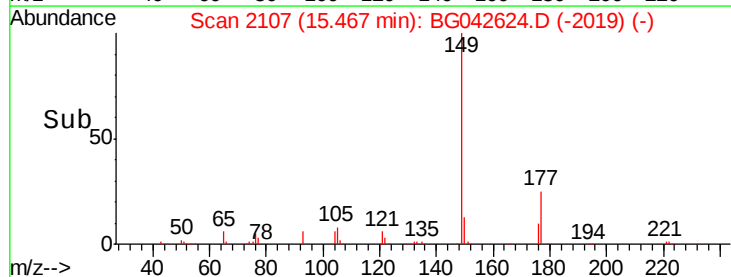


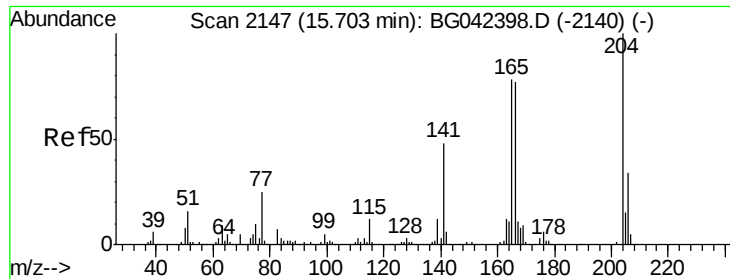
#60
 Diethylphthalate
 Concen: 38.323 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BG042624.D
 Acq: 31 Aug 2019 8:10

Tgt Ion:149	Resp:	239707
Ion Ratio	Lower	Upper
149	100	
177	25.4	20.4 30.6
150	13.3	10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

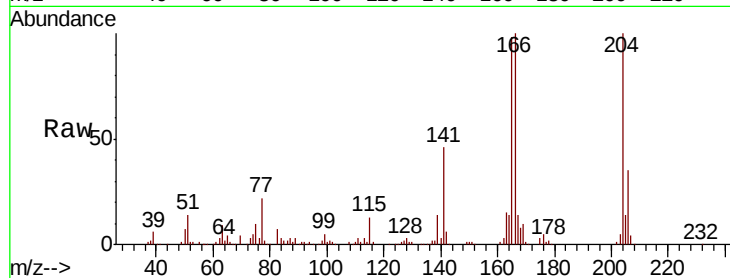




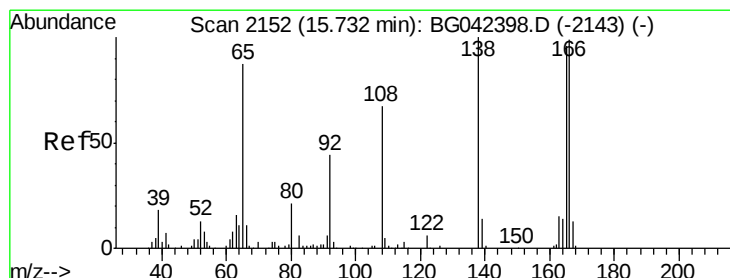
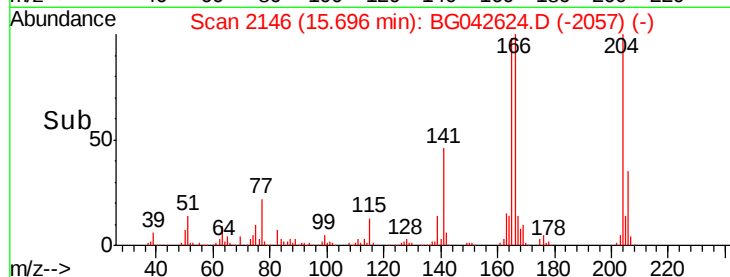
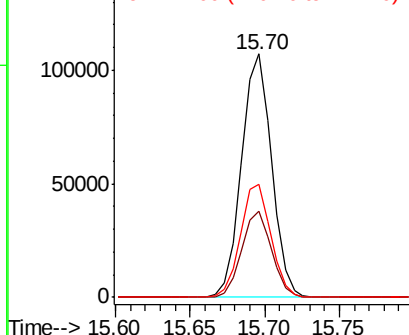
#61
 4-Chlorophenyl-phenylether
 Concen: 40.468 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BG042624.D
 Acq: 31 Aug 2019 8:10

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:204 Resp: 149048
 Ion Ratio Lower Upper
 204 100
 206 35.5 27.2 40.8
 141 46.2 38.7 58.1

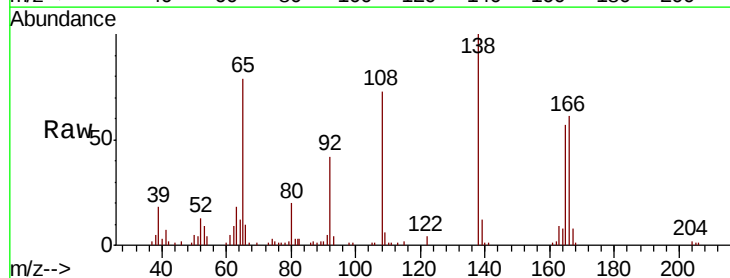


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

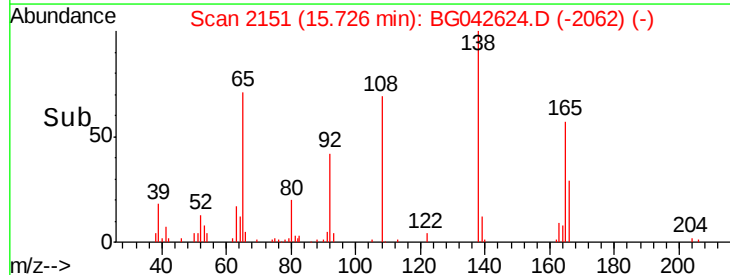
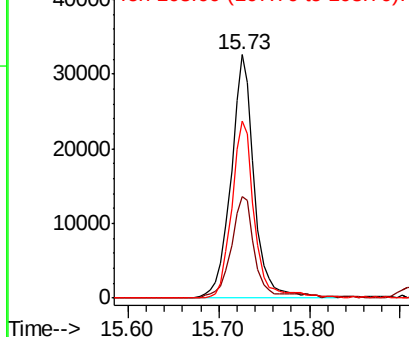


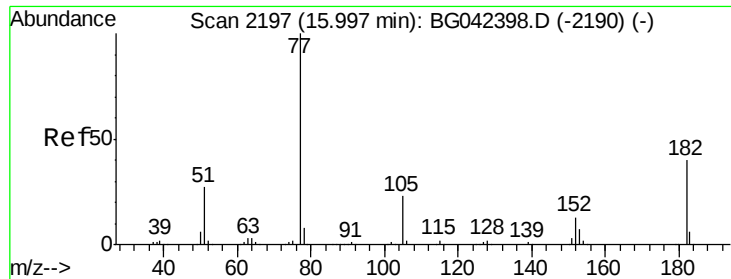
#62
 4-Nitroaniline
 Concen: 36.708 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG042624.D
 Acq: 31 Aug 2019 8:10

Tgt Ion:138 Resp: 58274
 Ion Ratio Lower Upper
 138 100
 92 41.9 24.2 64.2
 108 72.6 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

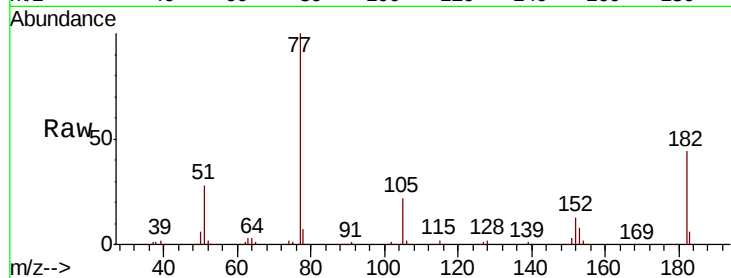




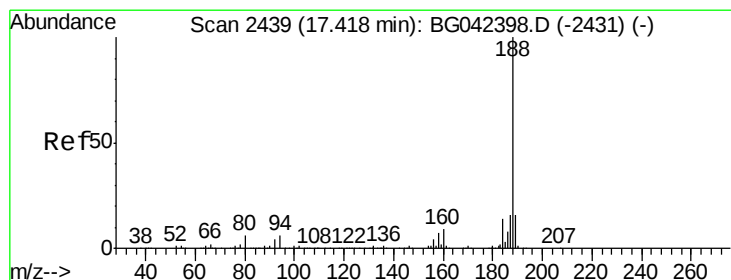
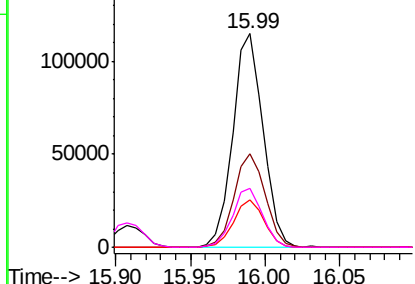
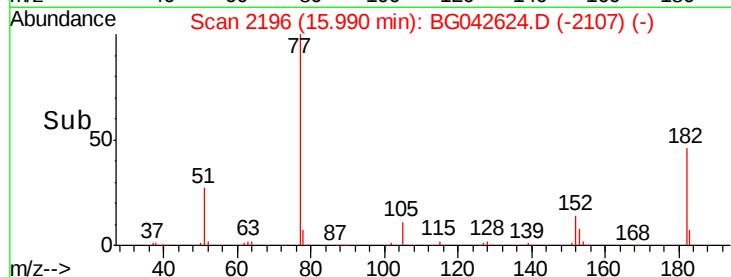
#63
Azobenzene
Concen: 37.952 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG042624.D
Acq: 31 Aug 2019 8:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	43.7	19.9	59.9	
105	22.1	2.9	42.9	
51	27.5	7.6	47.6	

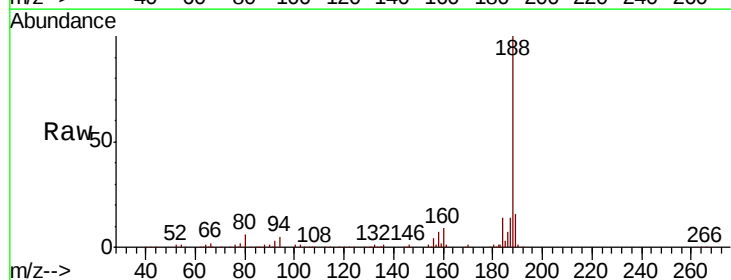


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

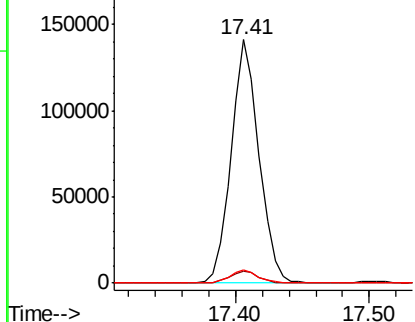
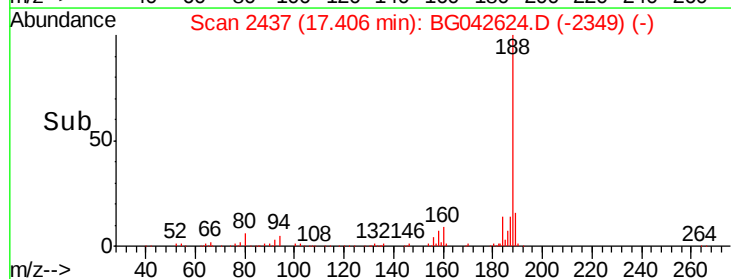


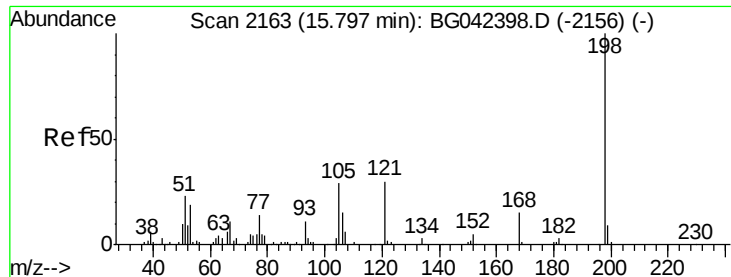
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042624.D
Acq: 31 Aug 2019 8:10

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	5.0	4.5	6.7	
80	5.5	4.9	7.3	



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 43.687 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BG042624.D

Acq: 31 Aug 2019 8:10

Instrument :

BNA_G

ClientSampleId :

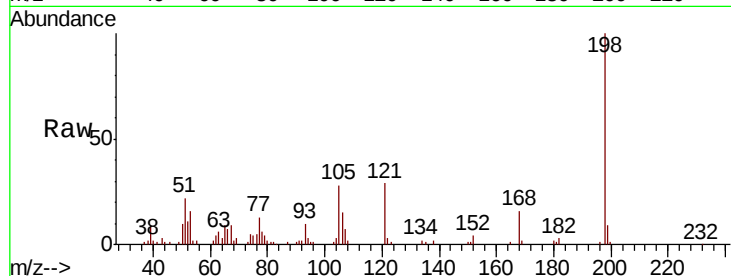
Tot Ion:198 Resp: 55979

Ion Ratio Lower Upper

198 100

51 22.0 4.2 44.2

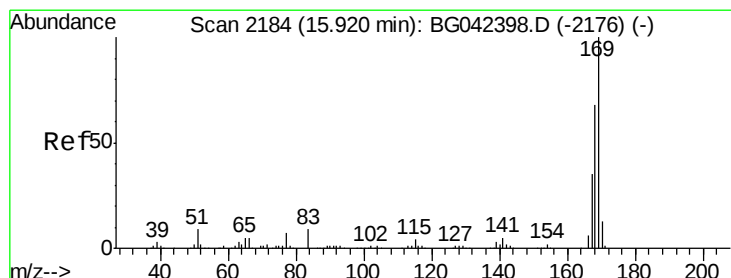
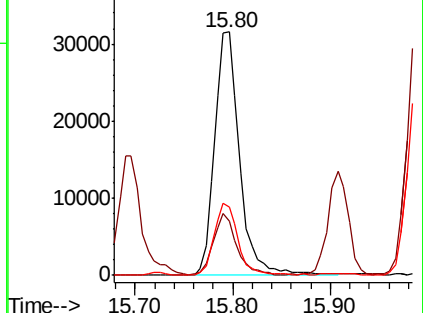
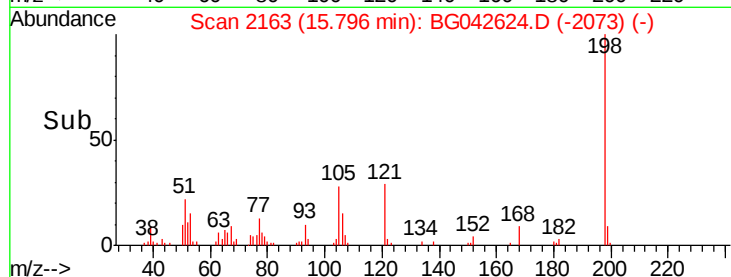
105 27.9 8.8 48.8



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: 40.693 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG042624.D

Acq: 31 Aug 2019 8:10

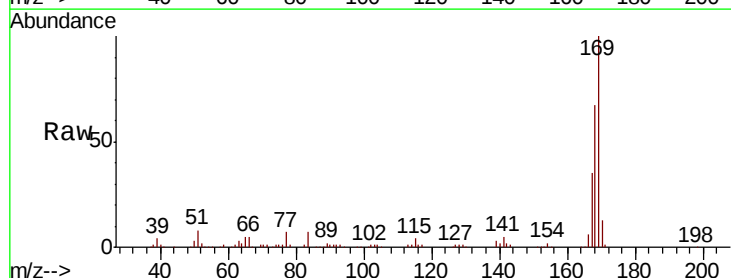
Tgt Ion:169 Resp: 228720

Ion Ratio Lower Upper

169 100

168 67.4 54.3 81.5

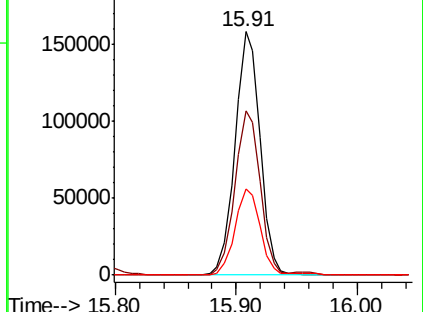
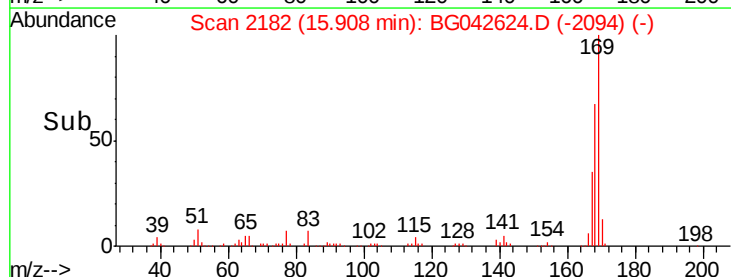
167 35.4 28.2 42.2

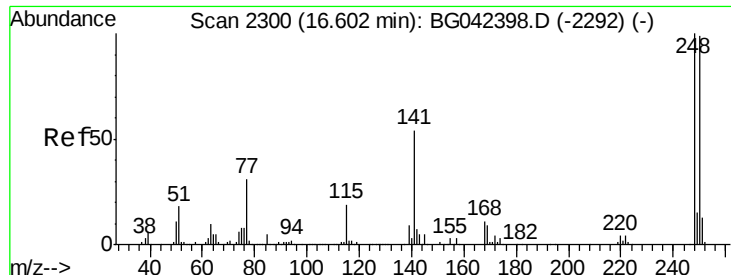


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

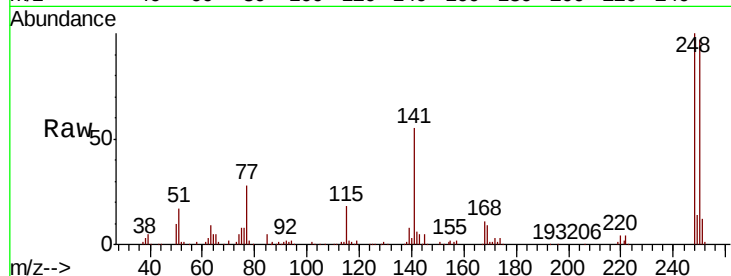




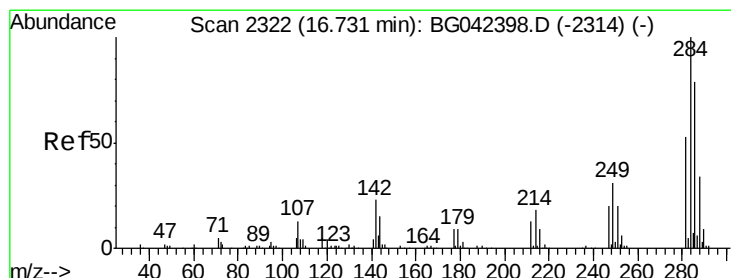
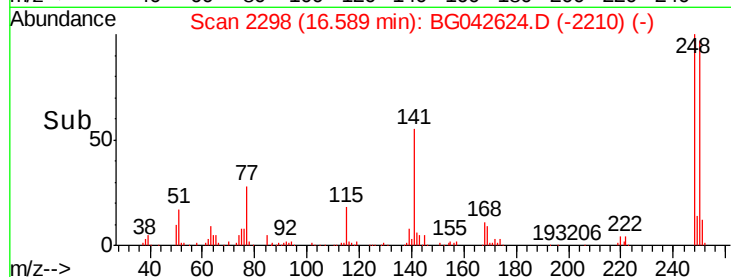
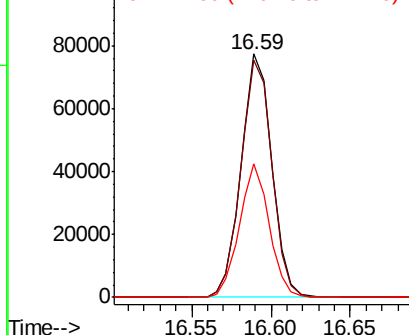
#67
 4-Bromophenyl-phenylether
 Concen: 40.105 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG042624.D
 Acq: 31 Aug 2019 8:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 103968
 Ion Ratio Lower Upper
 248 100
 250 97.5 78.9 118.3
 141 54.7 43.3 64.9

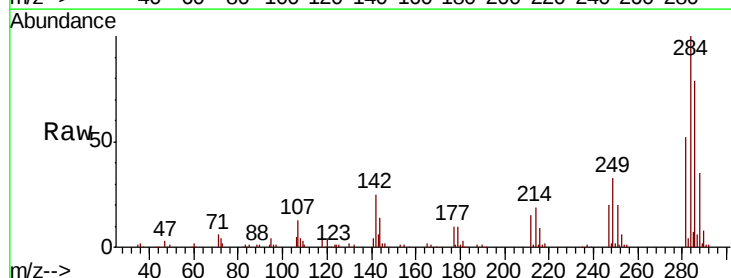


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

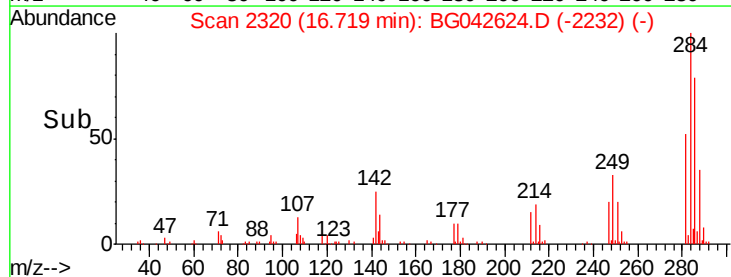
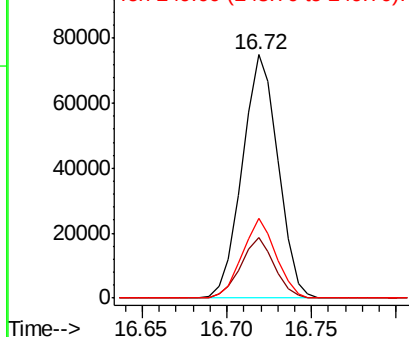


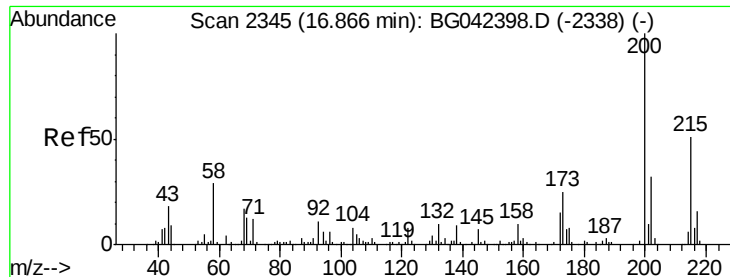
#68
 Hexachlorobenzene
 Concen: 39.199 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG042624.D
 Acq: 31 Aug 2019 8:10

Tgt Ion:284 Resp: 110469
 Ion Ratio Lower Upper
 284 100
 142 24.7 18.2 27.4
 249 33.0 25.0 37.4



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 43.548 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BG042624.D

Acq: 31 Aug 2019 8:10

Instrument :

BNA_G

ClientSampled :

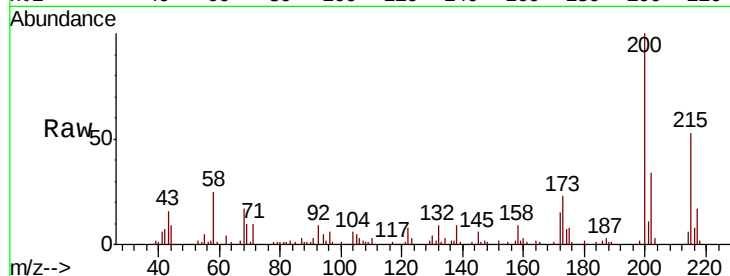
Tot Ion:200 Resp: 86557

Ion Ratio Lower Upper

200 100

173 23.0 4.9 44.9

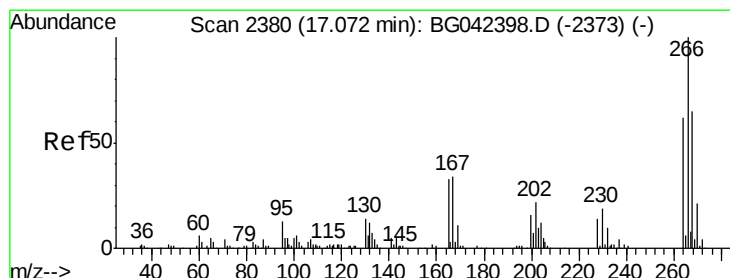
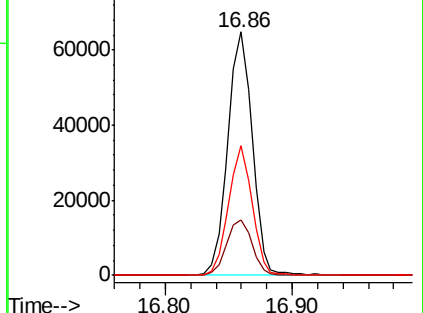
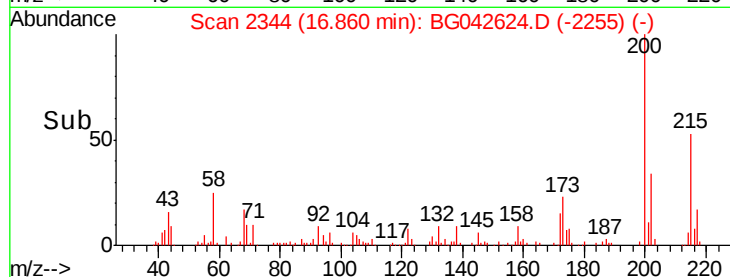
215 53.1 30.7 70.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 83.621 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BG042624.D

Acq: 31 Aug 2019 8:10

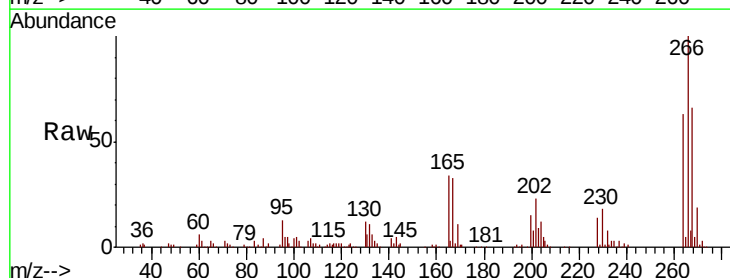
Tgt Ion:266 Resp: 122443

Ion Ratio Lower Upper

266 100

268 65.8 52.1 78.1

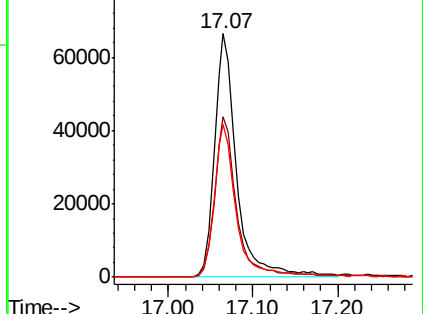
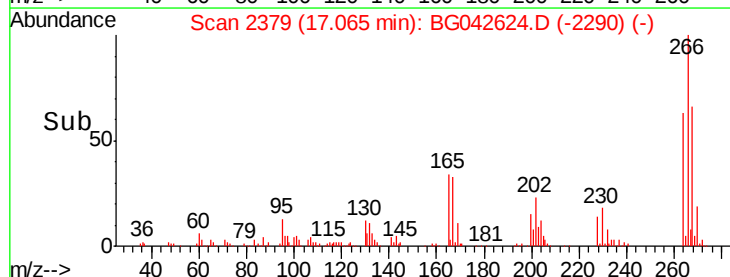
264 62.6 49.4 74.2

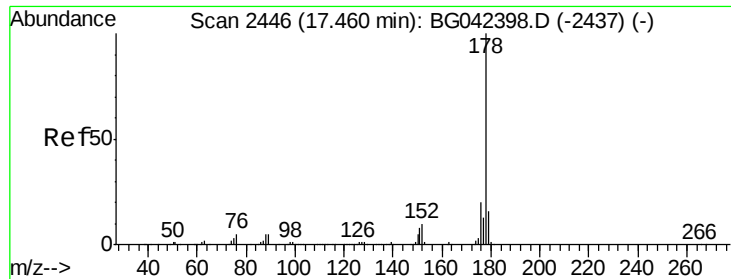


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

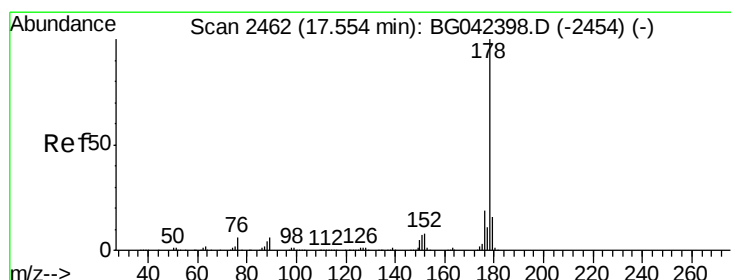
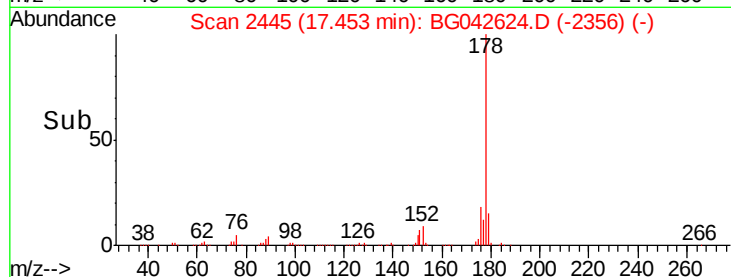
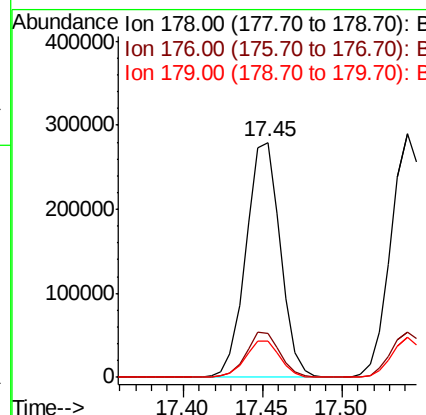
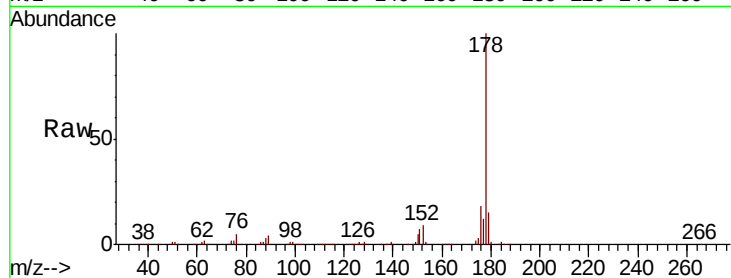




#71
Phenanthrene
Concen: 41.385 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042624.D
Acq: 31 Aug 2019 8:10

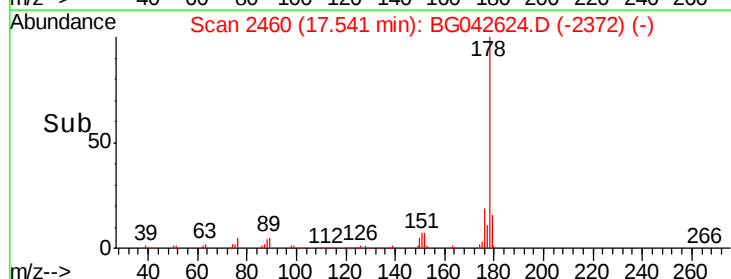
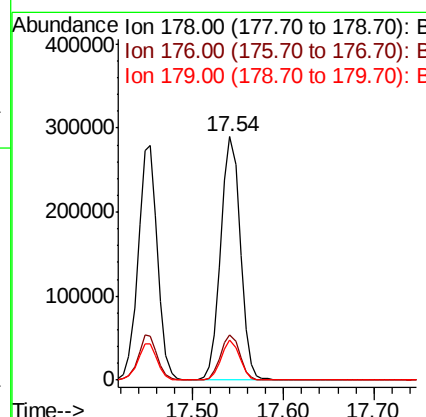
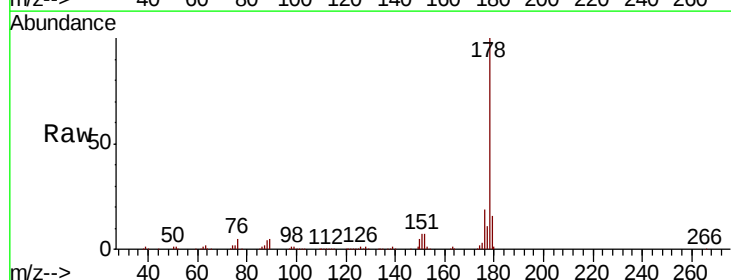
Instrument :
BNA_G
ClientSampleId :

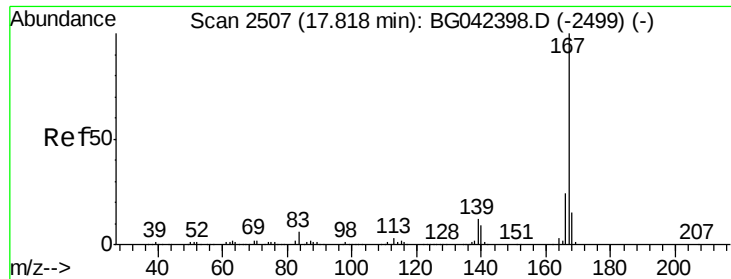
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.9	23.9
179	15.3	12.7	19.1



#72
Anthracene
Concen: 42.911 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG042624.D
Acq: 31 Aug 2019 8:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.5	23.3
179	16.2	12.9	19.3

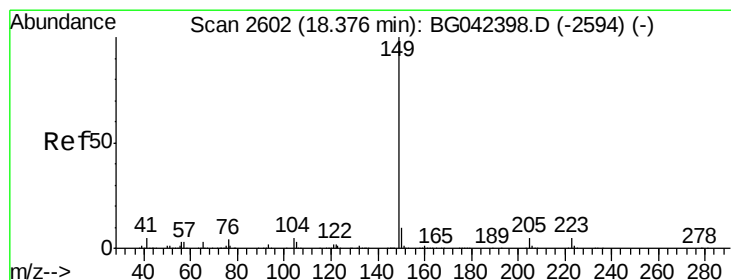
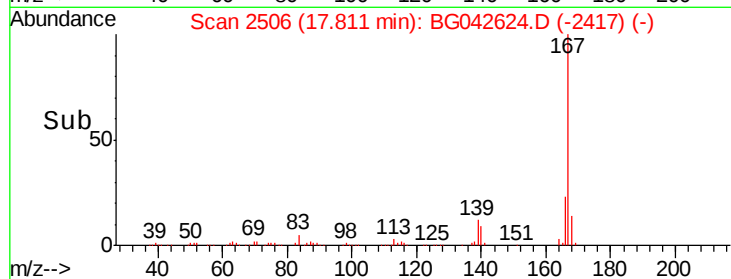
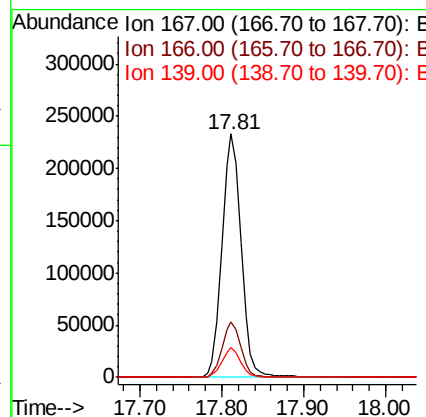
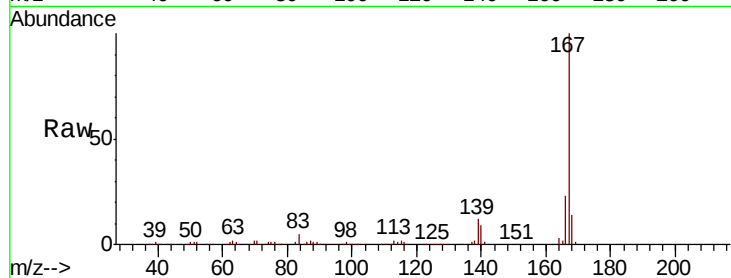




#73
 Carbazole
 Concen: 42.213 ng
 RT: 17.81 min Scan# 2506
 Delta R.T. -0.01 min
 Lab File: BG042624.D
 Acq: 31 Aug 2019 8:10

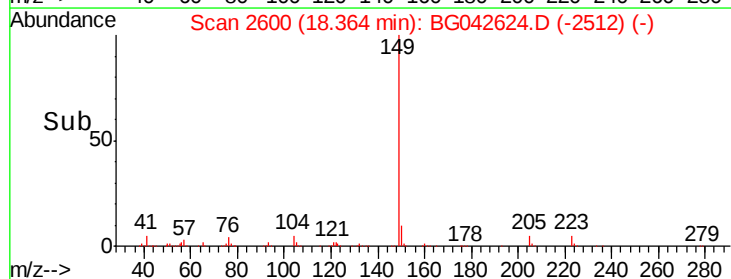
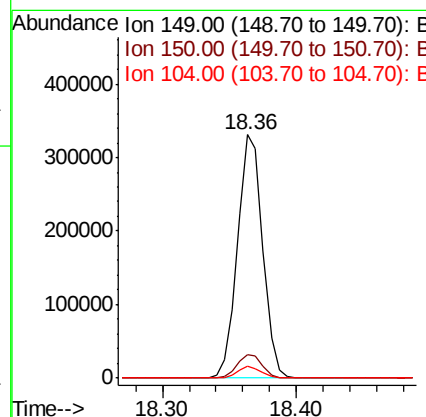
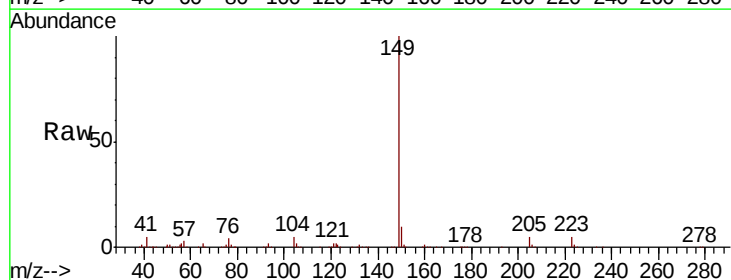
Instrument :
 BNA_G
 ClientSampleId :

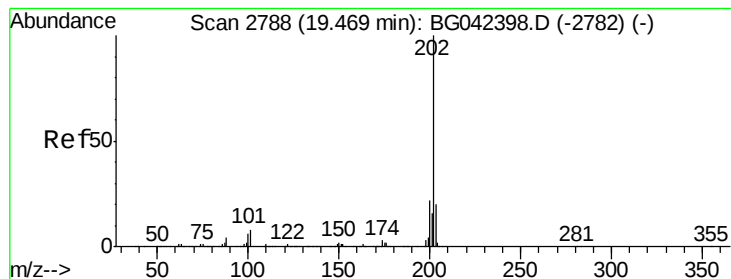
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.9	28.3
139	12.1	9.8	14.6



#74
 Di-n-butylphthalate
 Concen: 40.768 ng
 RT: 18.36 min Scan# 2600
 Delta R.T. -0.01 min
 Lab File: BG042624.D
 Acq: 31 Aug 2019 8:10

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.1	12.1
104	4.7	3.7	5.5





#75

Fluoranthene

Concen: 46.426 ng

RT: 19.46 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG042624.D

Acq: 31 Aug 2019 8:10

Instrument :

BNA_G

ClientSampleId :

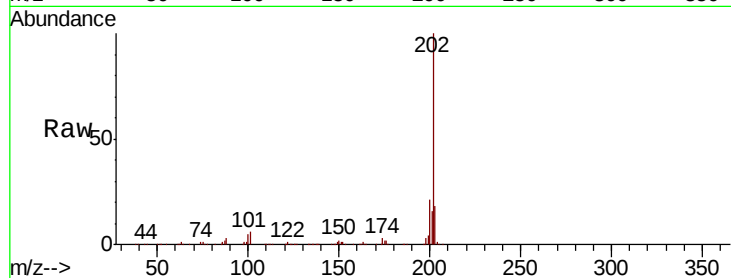
Tot Ion:202 Resp: 575194

Ion Ratio Lower Upper

202 100

101 6.3 0.0 28.3

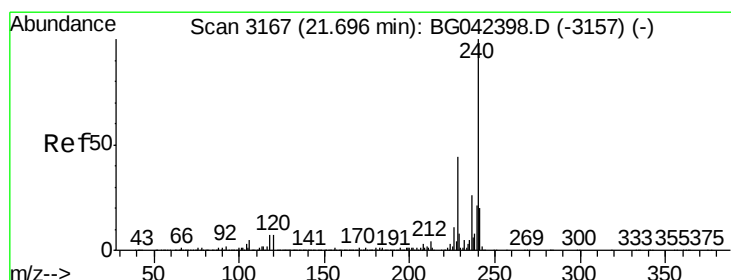
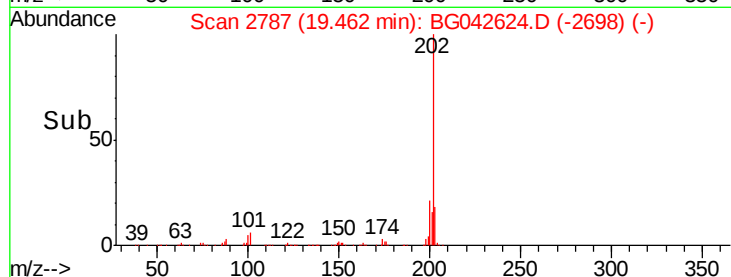
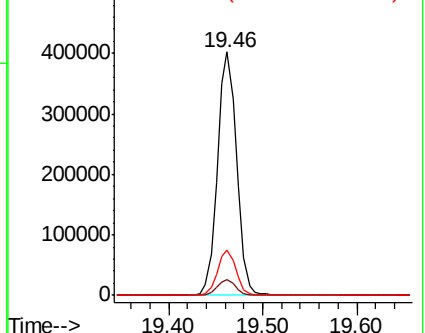
203 18.3 0.0 39.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042624.D

Acq: 31 Aug 2019 8:10

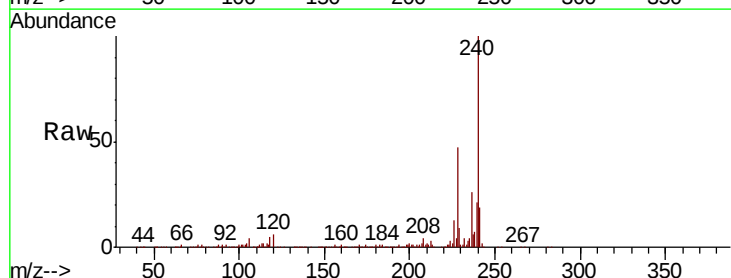
Tgt Ion:240 Resp: 240473

Ion Ratio Lower Upper

240 100

120 5.8 5.7 8.5

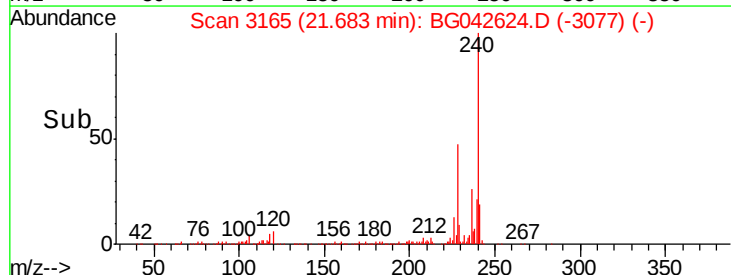
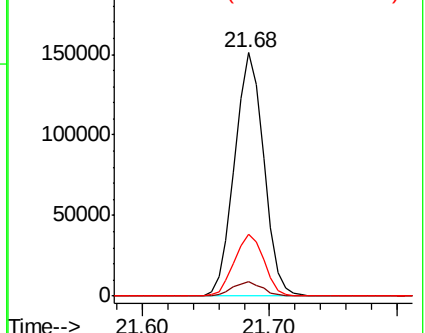
236 25.6 21.0 31.4

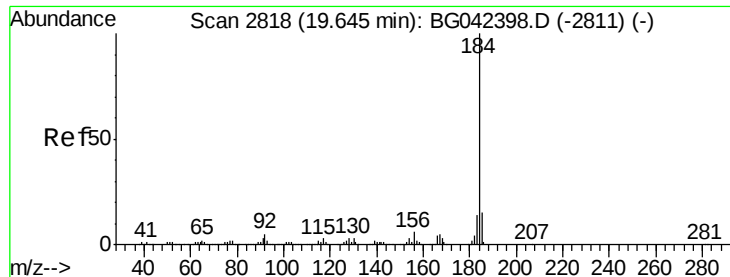


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.391 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG042624.D

Acq: 31 Aug 2019 8:10

Instrument :

BNA_G

ClientSampleId :

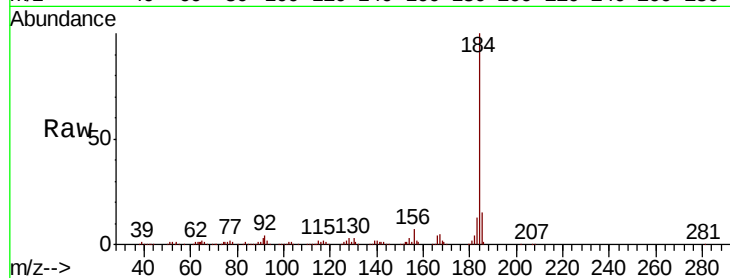
Tot Ion:184 Resp: 292266

Ion Ratio Lower Upper

184 100

185 15.0 12.2 18.4

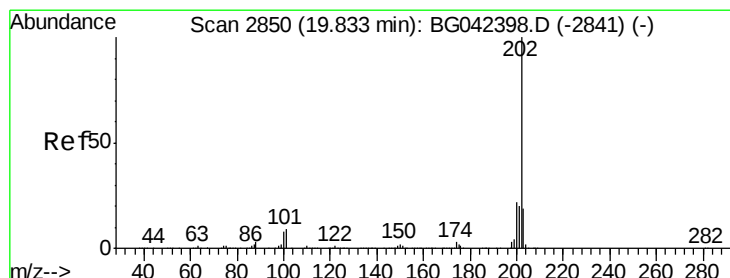
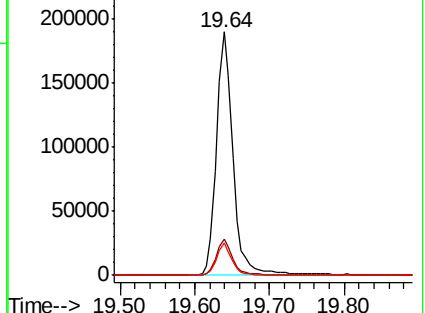
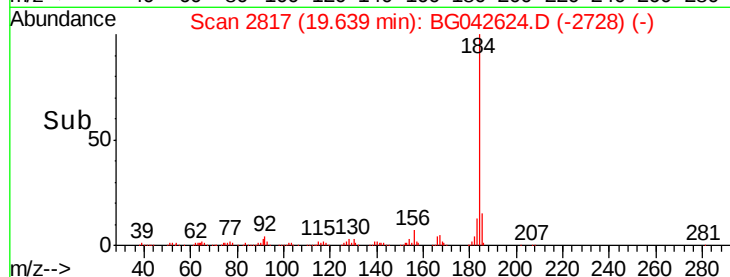
183 13.5 10.8 16.2



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: 39.627 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG042624.D

Acq: 31 Aug 2019 8:10

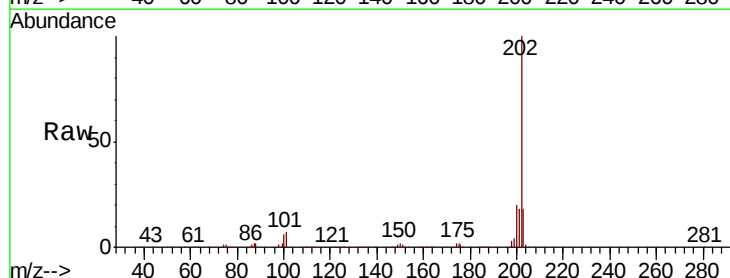
Tgt Ion:202 Resp: 584233

Ion Ratio Lower Upper

202 100

200 20.4 17.8 26.6

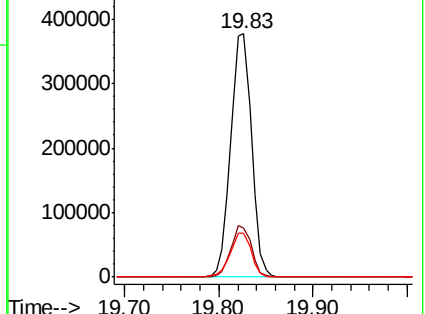
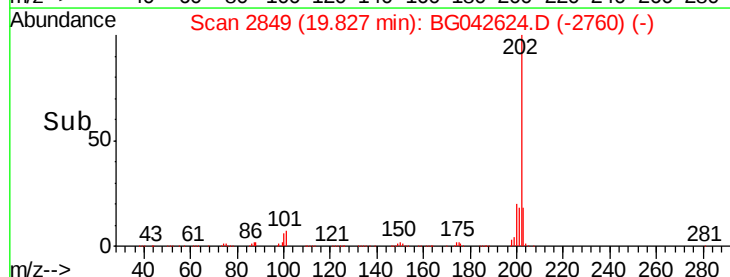
203 18.3 15.5 23.3

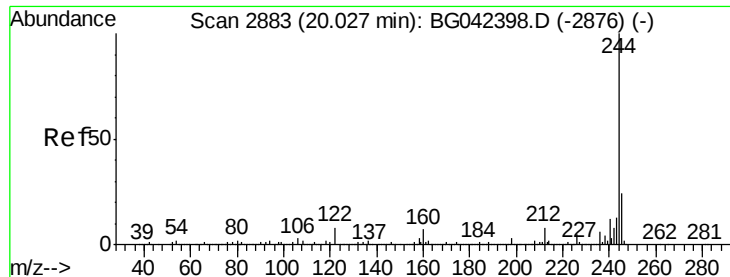


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 66.844 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042624.D

Acq: 31 Aug 2019 8:10

Instrument :

BNA_G

ClientSampleId :

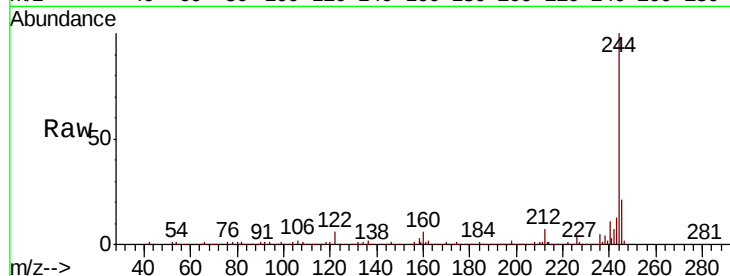
Tot Ion:244 Resp: 743515

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

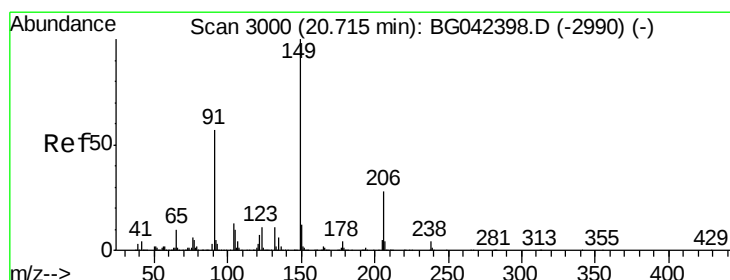
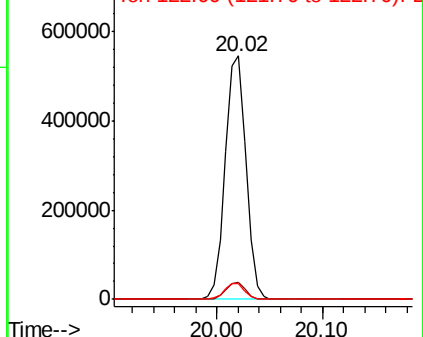
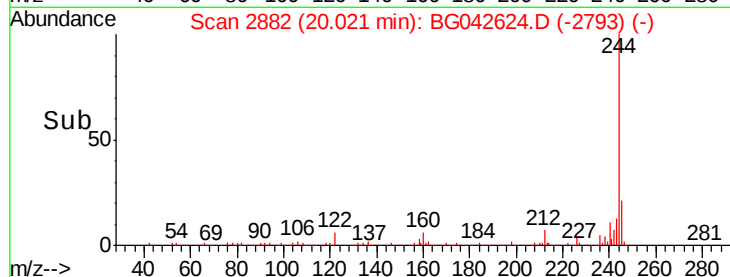
122 6.2 6.7 10.1#



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: 37.594 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.01 min

Lab File: BG042624.D

Acq: 31 Aug 2019 8:10

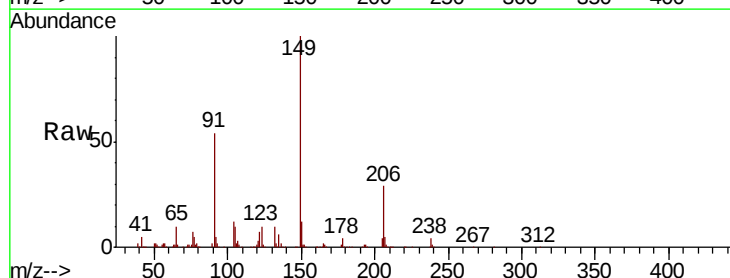
Tgt Ion:149 Resp: 218001

Ion Ratio Lower Upper

149 100

91 54.4 45.9 68.9

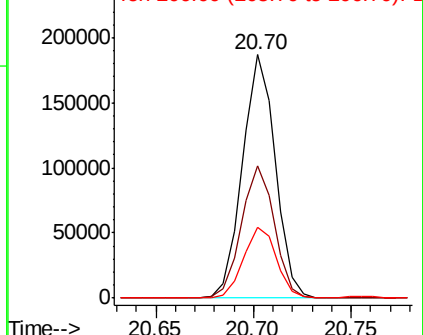
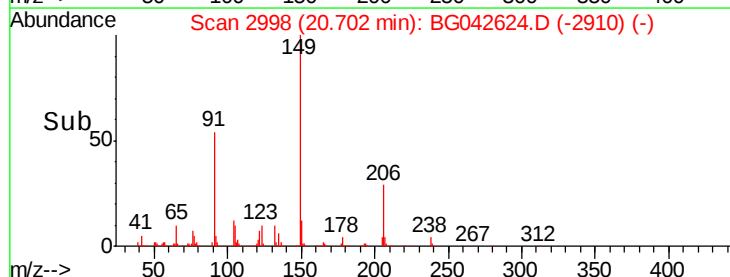
206 29.0 22.5 33.7

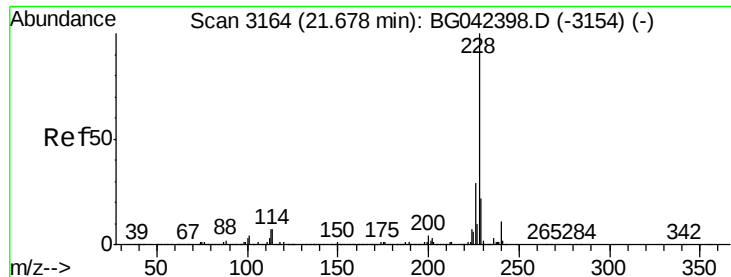


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.857 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG042624.D

Acq: 31 Aug 2019 8:10

Instrument :

BNA_G

ClientSampleId :

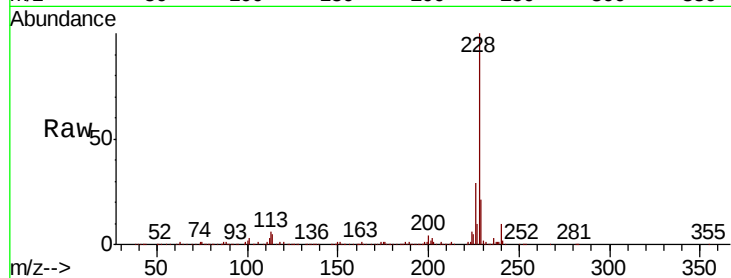
Tot Ion:228 Resp: 597672

Ion Ratio Lower Upper

228 100

226 28.6 23.4 35.2

229 21.0 17.4 26.2

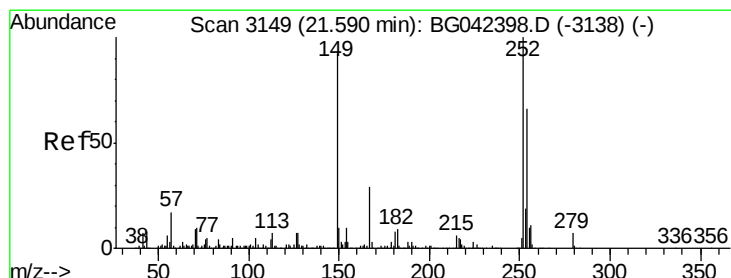
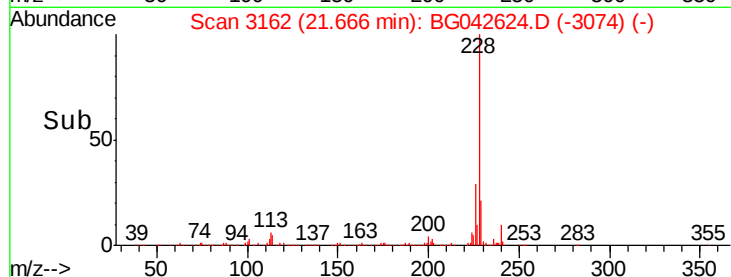
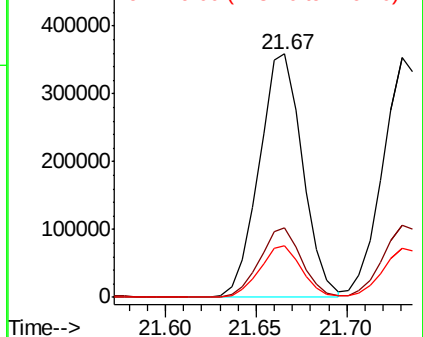


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.959 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG042624.D

Acq: 31 Aug 2019 8:10

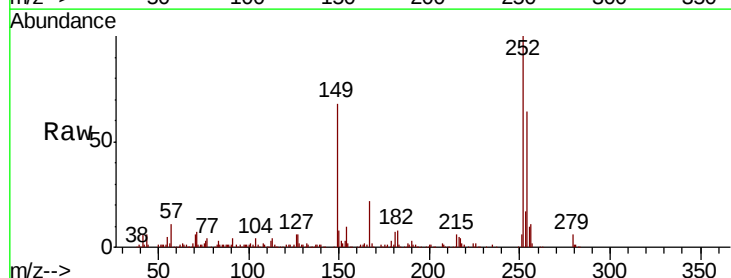
Tgt Ion:252 Resp: 182140

Ion Ratio Lower Upper

252 100

254 64.4 53.0 79.4

126 6.1 5.7 8.5

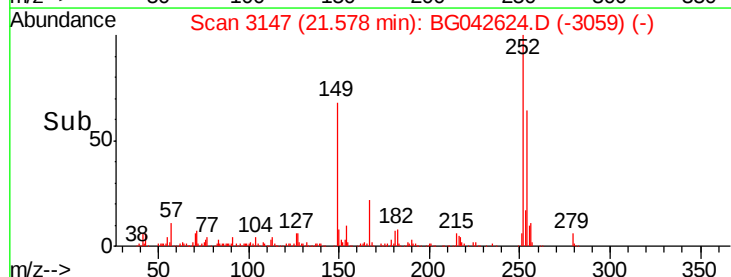
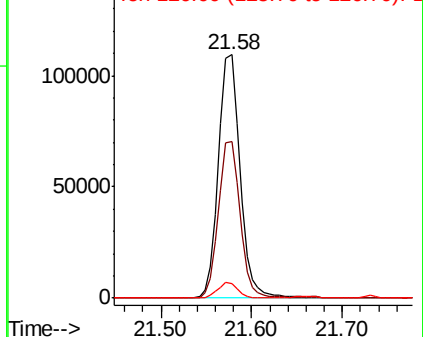


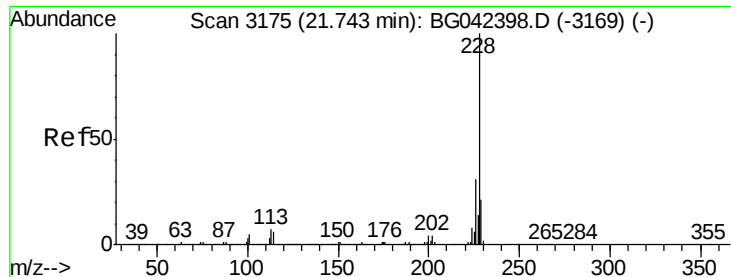
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

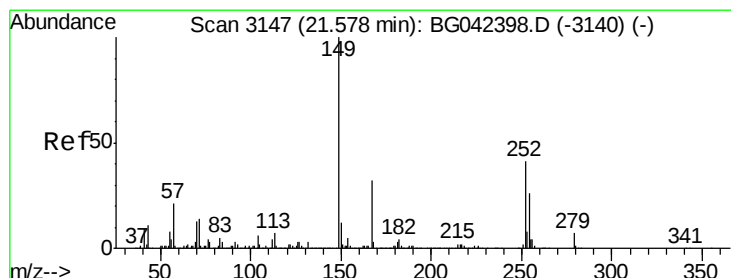
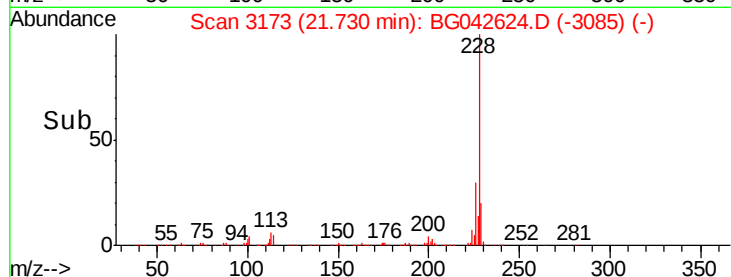
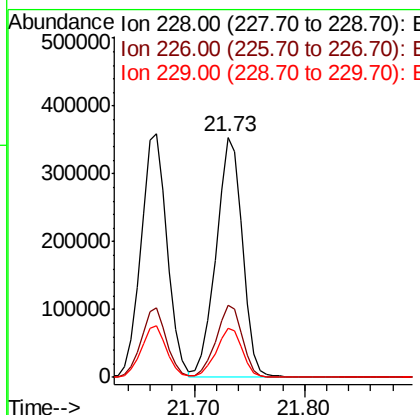
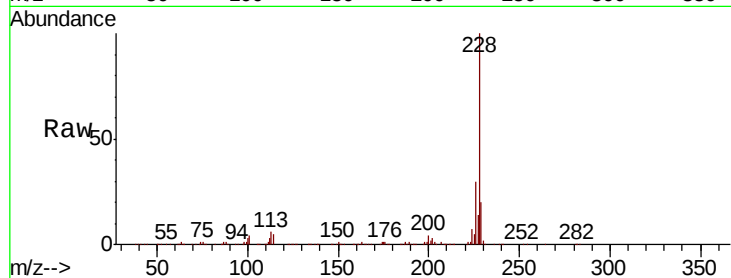




#83
 Chrvsene
 Concen: 41.334 ng
 RT: 21.73 min Scan# 3173
 Delta R.T. -0.01 min
 Lab File: BG042624.D
 Acq: 31 Aug 2019 8:10

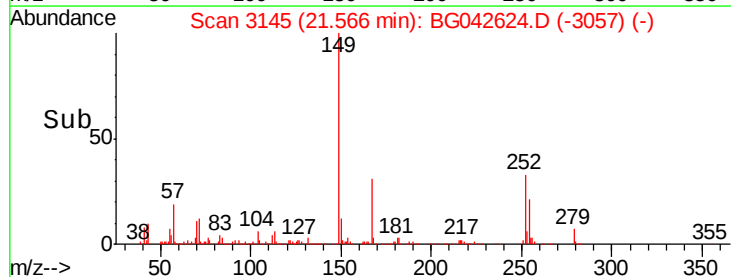
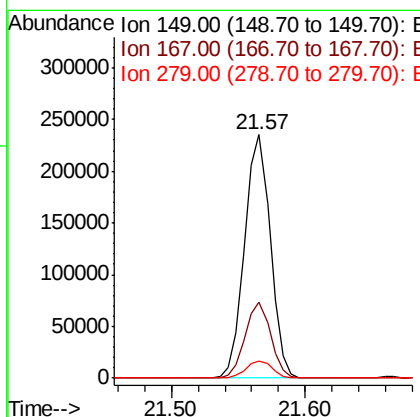
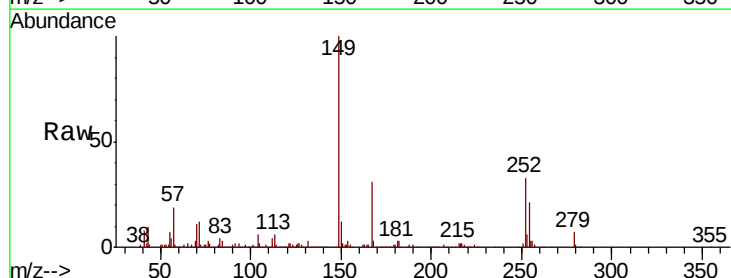
Instrument :
 BNA_G
 ClientSampled :

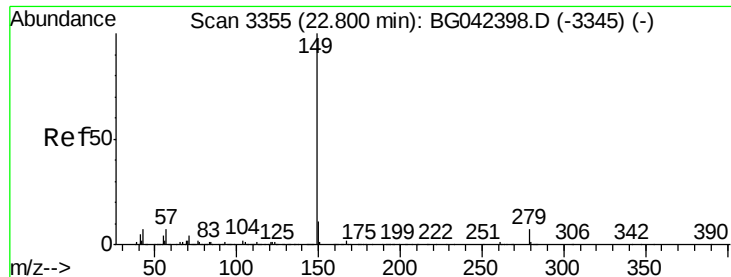
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	20.2	16.9	25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.831 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG042624.D
 Acq: 31 Aug 2019 8:10

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.3	26.0	39.0
279	7.2	5.4	8.0





#85

Di-n-octyl phthalate

Concen: 39.210 ng

RT: 22.78 min Scan# 3351

Delta R.T. -0.02 min

Lab File: BG042624.D

Acq: 31 Aug 2019 8:10

Instrument :

BNA_G

ClientSampleId :

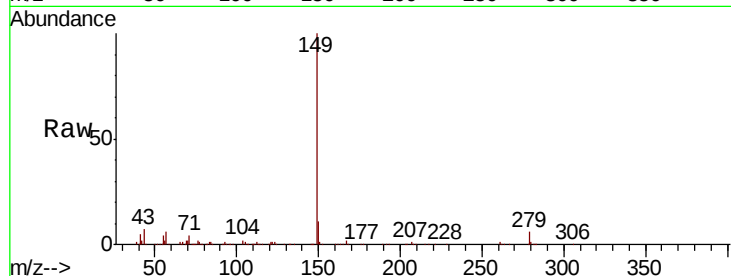
Tot Ion:149 Resp: 542974

Ion Ratio Lower Upper

149 100

167 1.8 1.6 2.4

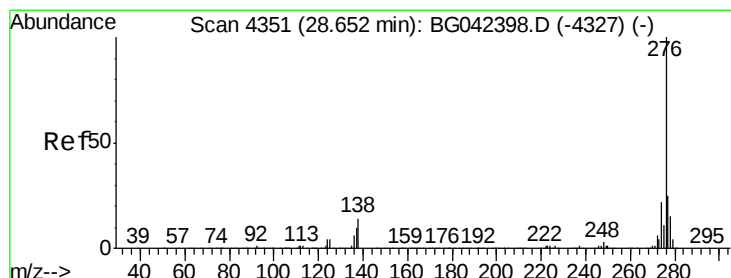
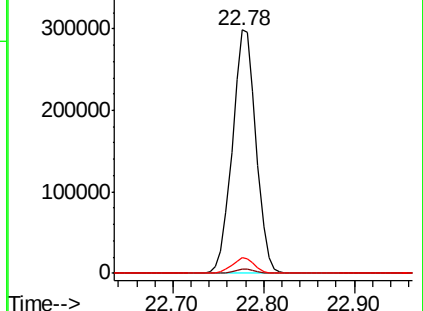
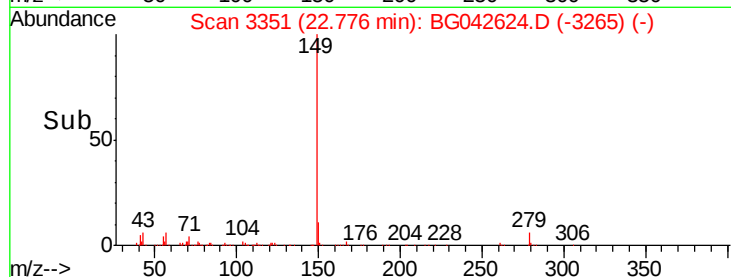
43 6.1 5.3 7.9



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: 39.761 ng

RT: 28.63 min Scan# 4347

Delta R.T. -0.02 min

Lab File: BG042624.D

Acq: 31 Aug 2019 8:10

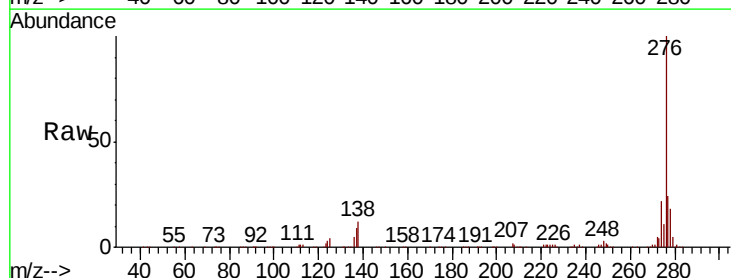
Tgt Ion:276 Resp: 762299

Ion Ratio Lower Upper

276 100

138 15.0 9.2 13.8#

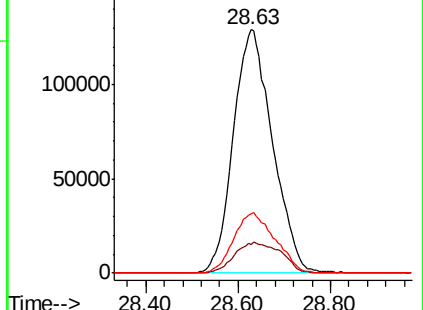
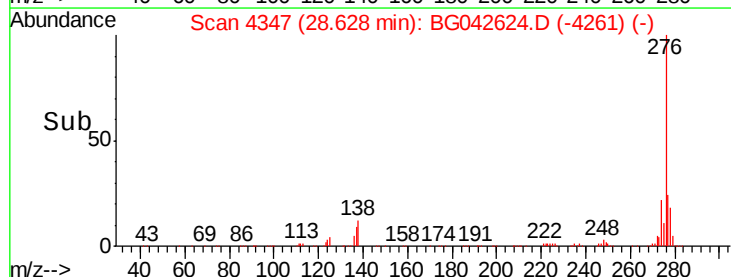
277 26.1 21.0 31.6

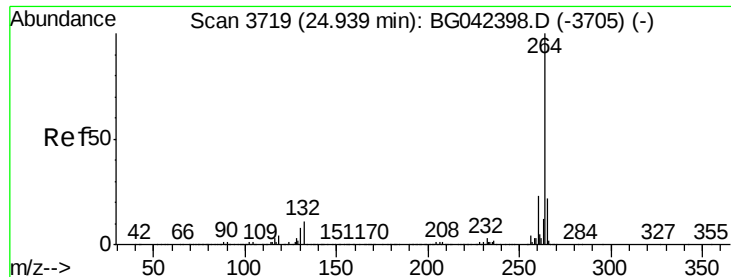


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.92 min Scan# 3716

Delta R.T. -0.02 min

Lab File: BG042624.D

Acq: 31 Aug 2019 8:10

Instrument :

BNA_G

ClientSampled :

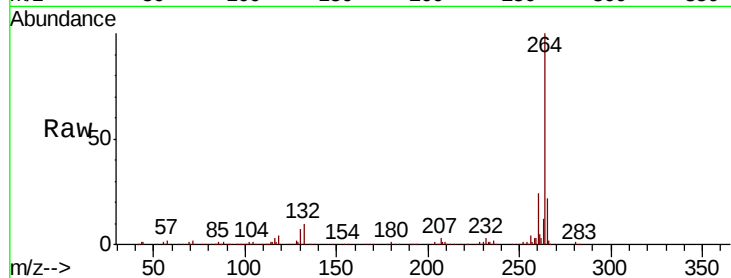
Tot Ion:264 Resp: 287645

Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

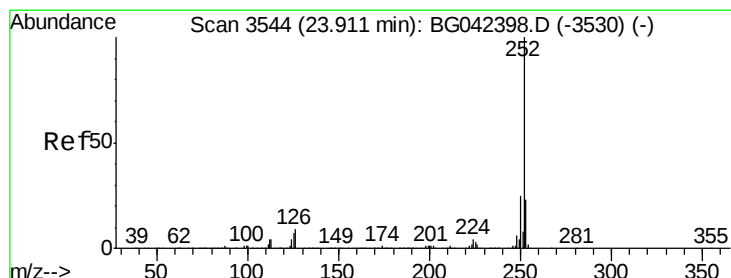
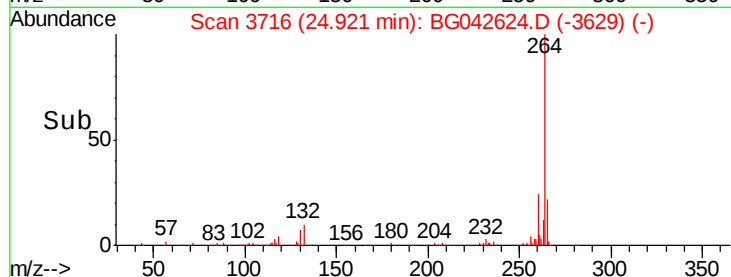
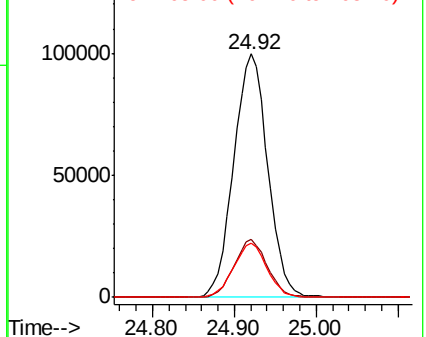
265 22.2 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.244 ng

RT: 23.89 min Scan# 3541

Delta R.T. -0.02 min

Lab File: BG042624.D

Acq: 31 Aug 2019 8:10

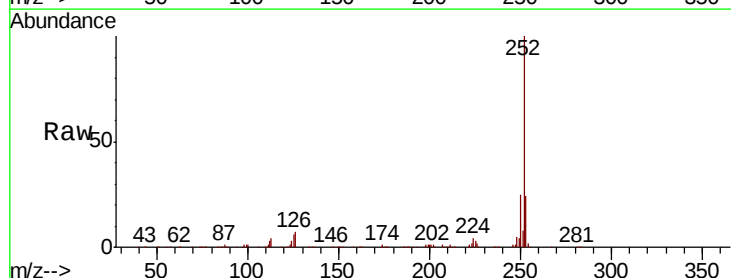
Tgt Ion:252 Resp: 652213

Ion Ratio Lower Upper

252 100

253 23.8 18.6 27.8

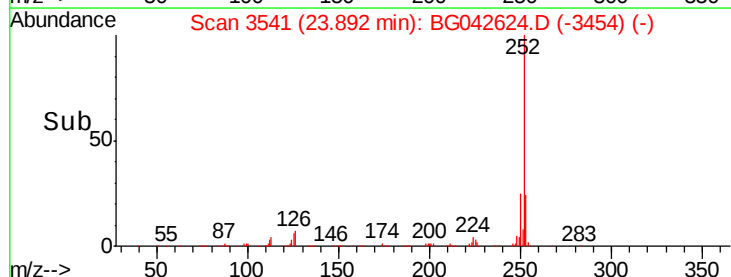
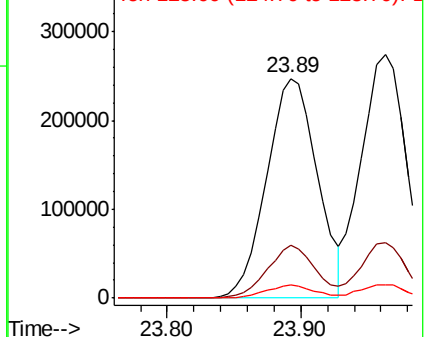
125 6.3 5.6 8.4

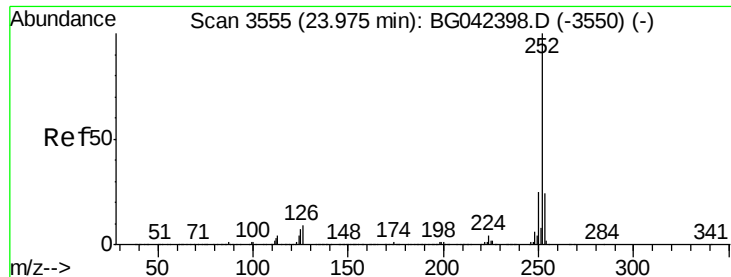


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

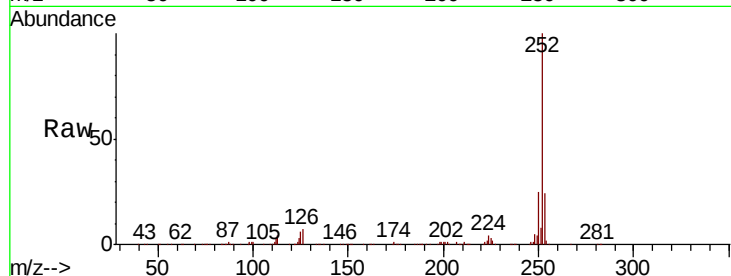




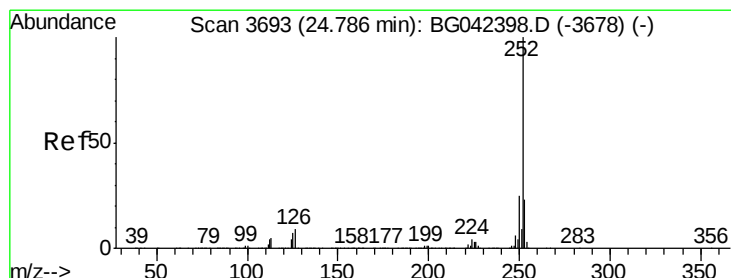
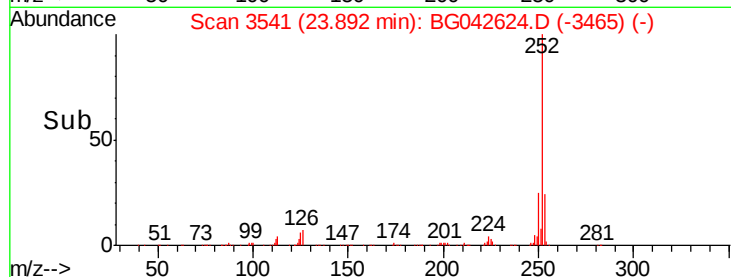
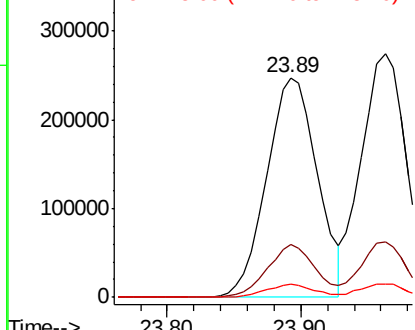
#89
Benzo(k)fluoranthene
Concen: 42.908 ng
RT: 23.89 min Scan# 3541
Delta R.T. -0.08 min
Lab File: BG042624.D
Acq: 31 Aug 2019 8:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 652213
Ion Ratio Lower Upper
252 100
253 23.8 18.6 27.8
125 6.3 5.8 8.6

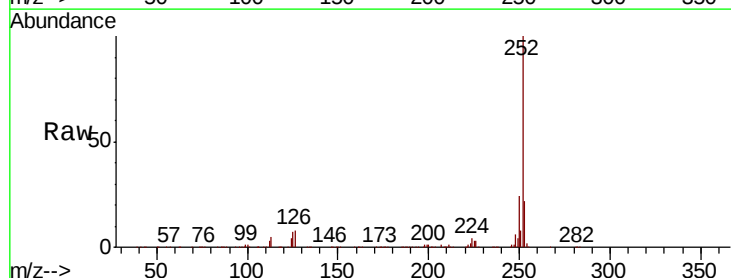


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

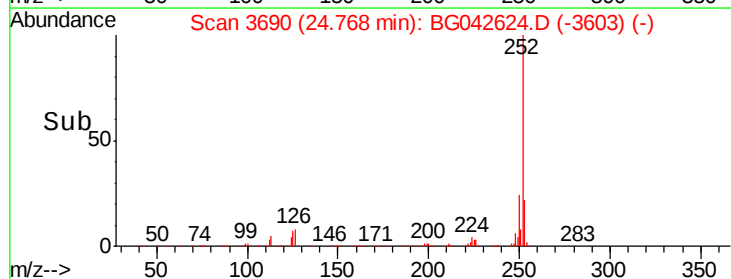
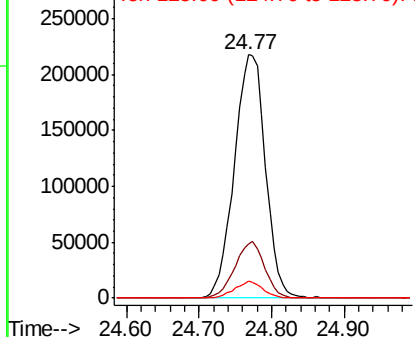


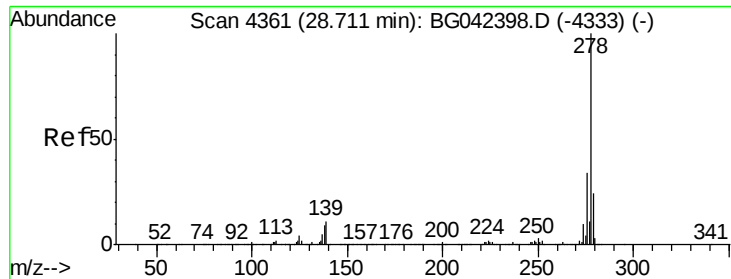
#90
Benzo(a)pyrene
Concen: 43.261 ng
RT: 24.77 min Scan# 3690
Delta R.T. -0.02 min
Lab File: BG042624.D
Acq: 31 Aug 2019 8:10

Tgt Ion:252 Resp: 649160
Ion Ratio Lower Upper
252 100
253 22.4 18.4 27.6
125 6.8 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

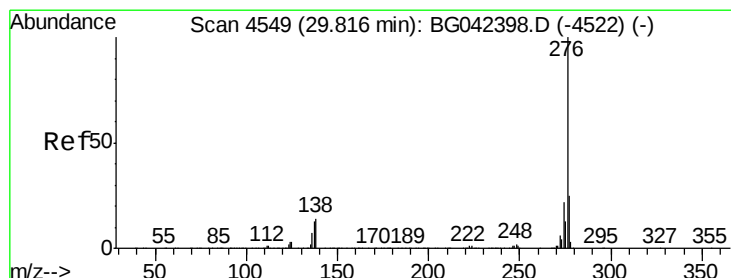
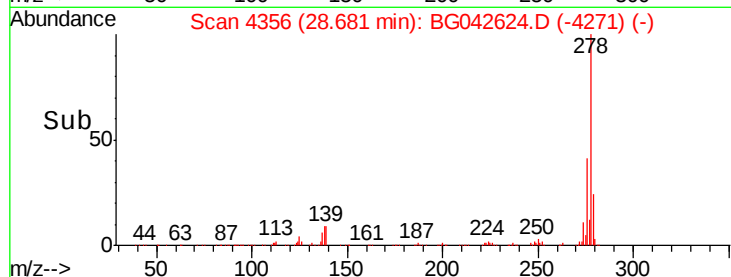
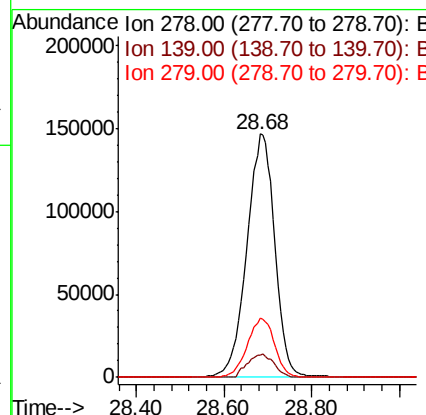
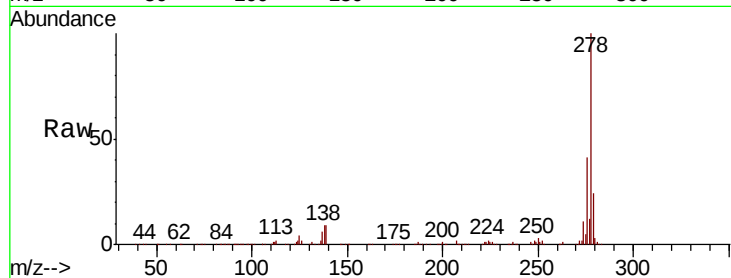




#91
Dibenzo(a,h)anthracene
Concen: 41.439 ng
RT: 28.68 min Scan# 4356
Delta R.T. -0.03 min
Lab File: BG042624.D
Acq: 31 Aug 2019 8:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.0	8.8	13.2
279	24.4	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 41.984 ng
RT: 29.79 min Scan# 4544
Delta R.T. -0.03 min
Lab File: BG042624.D
Acq: 31 Aug 2019 8:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.8	29.8
138	12.7	11.4	17.0

