

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082219\
 Data File : BG042416.D
 Acq On : 23 Aug 2019 00:45
 Operator : HP/JU
 Sample : K4418-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 23 02:39:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	99480	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	411380	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	211915	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	446467	20.00	ng	0.00
76) Chrysene-d12	21.69	240	458757	20.00	ng	0.00
87) Perylene-d12	24.93	264	495564	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	69036	14.05	ng	0.00
7) Phenol-d6	7.17	99	60334	9.09	ng	0.00
23) Nitrobenzene-d5	9.17	82	231800	38.94	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	100406	33.34	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	581940	46.44	ng	0.00
79) Terphenyl-d14	20.03	244	866459	40.83	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.71	88	2649	1.292	ng	# 1
3) Pyridine	3.83	79	65	0.012	ng	# 1
4) n-Nitrosodimethylamine	3.77	42	692	0.369	ng	# 1
6) Aniline	7.32	93	1883	0.213	ng	# 90
9) Benzaldehyde	7.14	77	1295	0.390	ng	# 1
10) Phenol	7.20	94	28886	4.282	ng	95
11) bis(2-Chloroethyl)ether	7.42	93	837	0.158	ng	79
15) Benzyl Alcohol	8.23	79	1376	0.288	ng	# 49
16) 2,2'-oxybis(1-Chloropropan	8.53	45	1477	0.206	ng	67
17) 2-Methylphenol	8.28	107	442	0.089	ng	# 57
18) Hexachloroethane	9.12	117	2124	0.809	ng	# 1
19) n-Nitroso-di-n-propylamine	9.16	70	28584	6.650	ng	# 73
20) 3+4-Methylphenols	8.78	107	66417	9.660	ng	90
22) Acetophenone	8.82	105	4326	0.492	ng	# 79
24) Nitrobenzene	9.17	77	937	0.155	ng	# 33
25) Isophorone	9.73	82	1299	0.111	ng	# 59
26) 2-Nitrophenol	9.62	139	57	0.015	ng	# 1
27) 2,4-Dimethylphenol	10.10	122	13991	2.689	ng	# 3
28) bis(2-Chloroethoxy)methane	10.23	93	479	0.065	ng	# 1
29) 2,4-Dichlorophenol	10.69	162	57	0.008	ng	# 25
31) Naphthalene	10.87	128	35216	1.844	ng	99
32) Benzoic acid	10.10	122	13991	11.243	ng	95
33) 4-Chloroaniline	10.98	127	820	0.093	ng	# 41
35) Caprolactam	11.80	113	956	0.421	ng	# 1
36) 4-Chloro-3-methylphenol	12.16	107	604	0.093	ng	# 72
37) 2-Methylnaphthalene	12.49	142	15564	1.015	ng	94
38) 1-Methylnaphthalene	12.71	142	15569	1.069	ng	98
46) 1,1'-Biphenyl	13.49	154	5226	0.382	ng	90
47) 2-Chloronaphthalene	13.64	162	122	0.010	ng	# 1
48) 2-Nitroaniline	13.72	65	356	0.125	ng	# 1
49) Acenaphthylene	14.39	152	10715	0.603	ng	96
50) Dimethylphthalate	14.10	163	219253	14.339	ng	99
51) 2,6-Dinitrotoluene	14.19	165	2467	0.696	ng	# 36
52) Acenaphthene	14.73	154	10795	1.000	ng	98

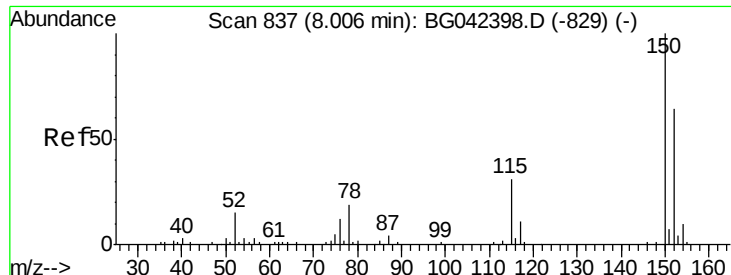
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082219\
 Data File : BG042416.D
 Acq On : 23 Aug 2019 00:45
 Operator : HP/JU
 Sample : K4418-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
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Quant Time: Aug 23 02:39:35 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)
53) 3-Nitroaniline	14.56	138	122	0.034	nq	# 8
54) 2,4-Dinitrophenol	15.20	184	11405	10.661	nq	# 68
55) Dibenzofuran	15.06	168	7166	0.401	nq	# 79
56) 4-Nitrophenol	15.20	139	1348	0.535	nq	# 93
57) 2,4-Dinitrotoluene	15.20	165	1626	0.320	nq	# 67
58) Fluorene	15.71	166	14781	1.012	nq	# 93
59) 2,3,4,6-Tetrachlorophenol	15.30	232	78	0.017	nq	# 1
60) Diethylphthalate	15.47	149	5032	0.337	nq	# 97
61) 4-Chlorophenyl-phenylether	15.59	204	56	0.006	nq	# 1
62) 4-Nitroaniline	15.74	138	307	0.081	nq	# 1
63) Azobenzene	16.01	77	1032	0.101	nq	# 1
65) 4,6-Dinitro-2-methylphenol	15.80	198	351	0.125	nq	# 1
66) n-Nitrosodiphenylamine	15.93	169	3926	0.320	nq	# 78
67) 4-Bromophenyl-phenylether	16.15	248	7102	1.254	nq	# 1
69) Atrazine	16.88	200	769	0.177	nq	# 10
70) Pentachlorophenol	17.08	266	2506	0.783	nq	# 88
71) Phenanthrene	17.45	178	97138	4.380	nq	# 98
72) Anthracene	17.55	178	27283	1.232	nq	# 98
73) Carbazole	17.82	167	4783	0.242	nq	# 77
74) Di-n-butylphthalate	18.38	149	12305	0.528	nq	# 98
75) Fluoranthene	19.47	202	109278	4.038	nq	# 98
77) Benzidine	19.66	184	1933	0.147	nq	# 23
78) Pyrene	19.83	202	138725	4.932	nq	# 98
80) Butylbenzylphthalate	20.71	149	1510	0.136	nq	# 12
81) Benzo(a)anthracene	21.67	228	69086	2.476	nq	# 99
82) 3,3'-Dichlorobenzidine	21.59	252	1561	0.139	nq	# 88
83) Chrysene	21.74	228	66028	2.453	nq	# 97
84) Bis(2-ethylhexyl)phthalate	21.58	149	22205	1.446	nq	# 96
85) Di-n-octyl phthalate	22.79	149	1283	0.049	nq	# 77
86) Indeno(1,2,3-cd)pyrene	28.63	276	68002	1.859	nq	# 90
88) Benzo(b)fluoranthene	23.90	252	98744	3.624	nq	# 97
89) Benzo(k)fluoranthene	23.90	252	98744	3.771	nq	# 97
90) Benzo(a)pyrene	24.78	252	92198	3.566	nq	# 98
91) Dibenzo(a,h)anthracene	28.68	278	17113	0.654	nq	# 86
92) Benzo(a,h,i)perylene	29.79	276	80120	3.060	nq	# 96

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

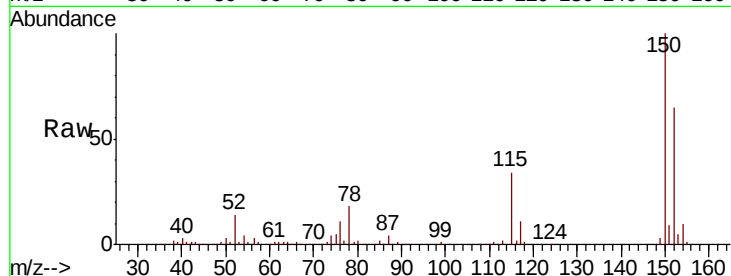


#1

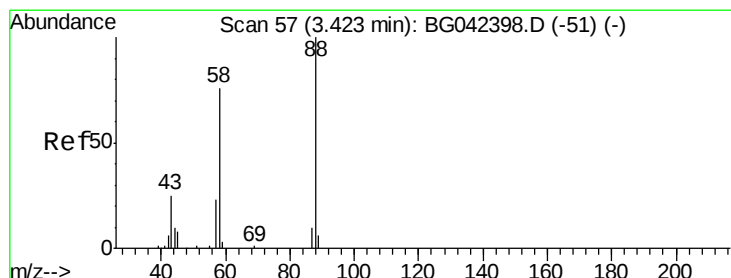
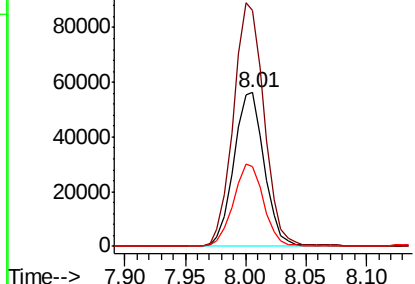
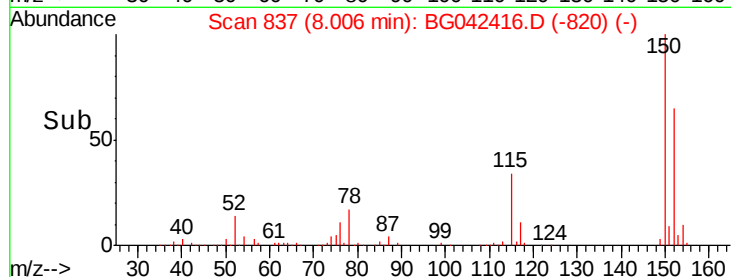
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 99480
Ion Ratio Lower Upper
152 100
150 153.6 125.4 188.0
115 52.0 38.5 57.7



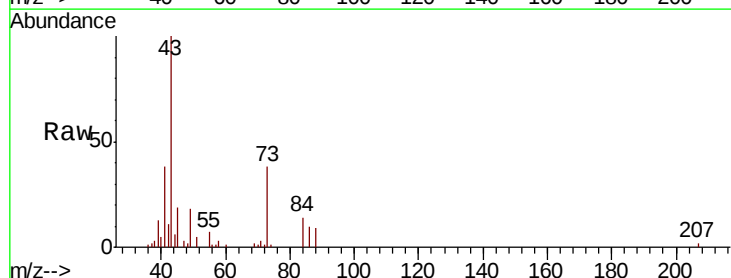
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



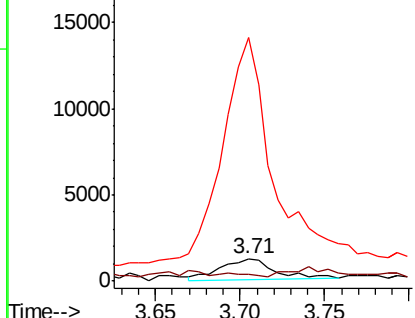
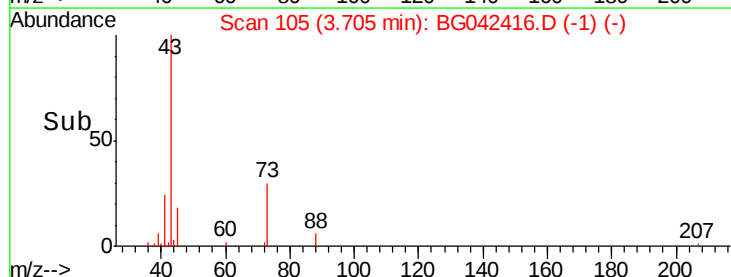
#2

1,4-Dioxane
Concen: 1.292 ng
RT: 3.71 min Scan# 105
Delta R.T. 0.28 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion: 88 Resp: 2649
Ion Ratio Lower Upper
88 100
58 10.0 58.3 87.5#
43 1120.2 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: 0.012 ng

RT: 3.83 min Scan# 127

Delta R.T. 0.01 min

Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

Instrument :

BNA_G

ClientSampleId :

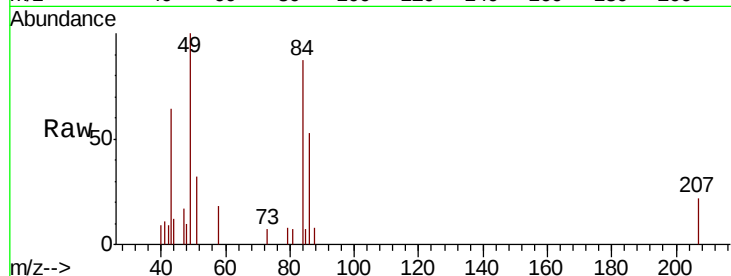
Tot Ion: 79 Resp: 65

Ion Ratio Lower Upper

79 100

52 0.0 57.7 86.5#

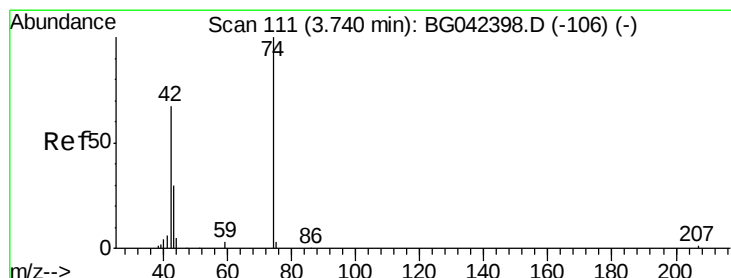
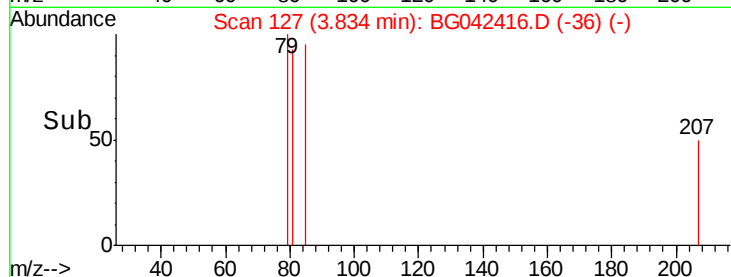
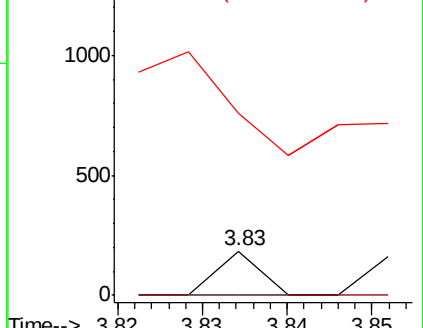
51 411.4 28.8 43.2#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 0.369 ng

RT: 3.77 min Scan# 116

Delta R.T. 0.03 min

Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

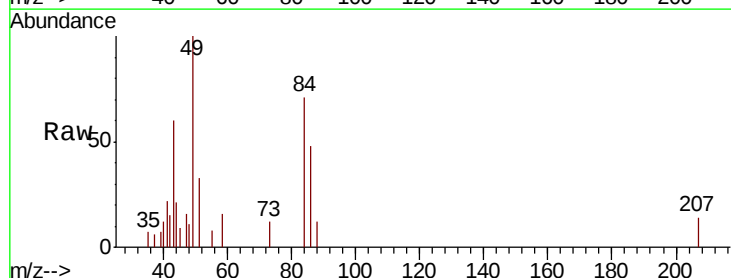
Tgt Ion: 42 Resp: 692

Ion Ratio Lower Upper

42 100

74 0.0 119.6 179.4#

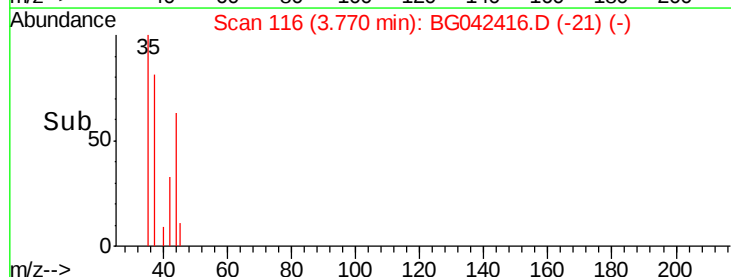
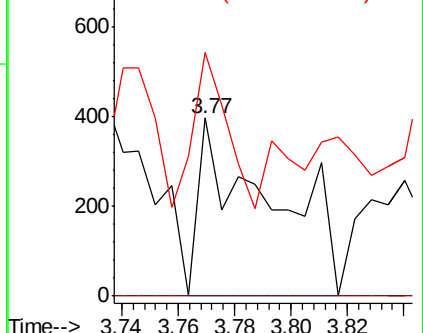
44 136.5 6.5 9.7#

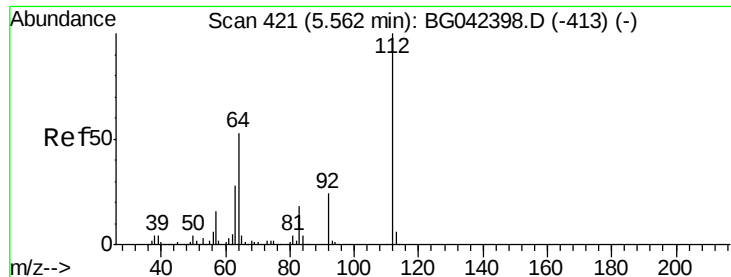


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 14.055 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

Instrument :

BNA_G

ClientSampleId :

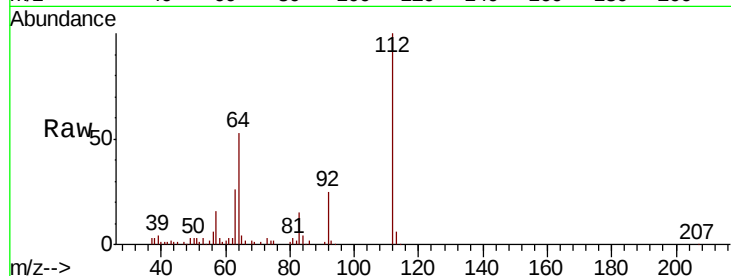
Tot Ion:112 Resp: 69036

Ion Ratio Lower Upper

112 100

64 52.7 42.8 64.2

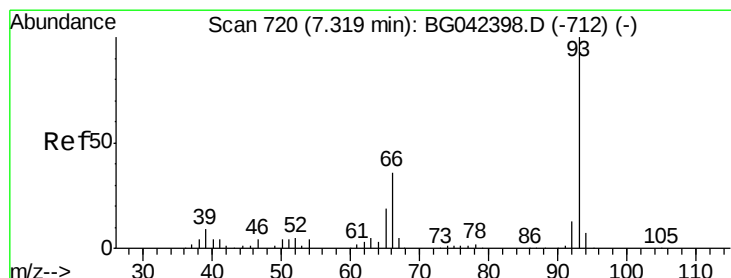
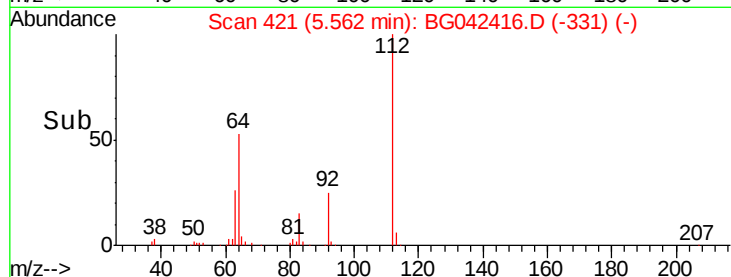
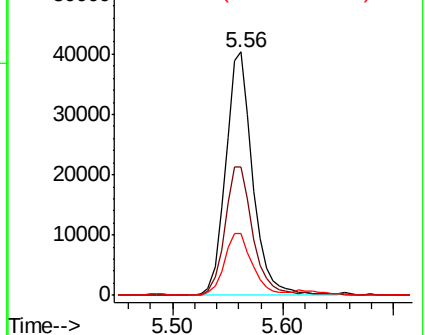
63 25.5 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.213 ng

RT: 7.32 min Scan# 721

Delta R.T. 0.01 min

Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

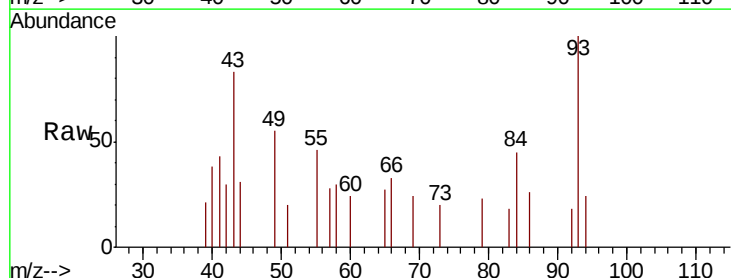
Tgt Ion: 93 Resp: 1883

Ion Ratio Lower Upper

93 100

66 33.2 29.0 43.6

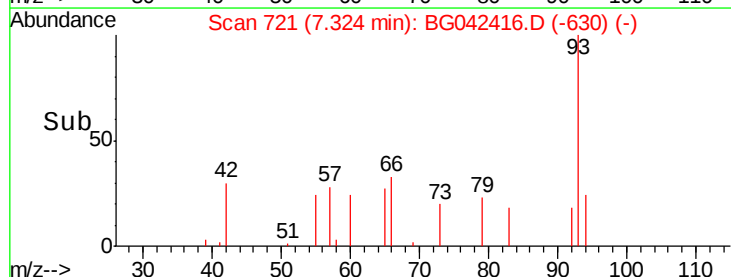
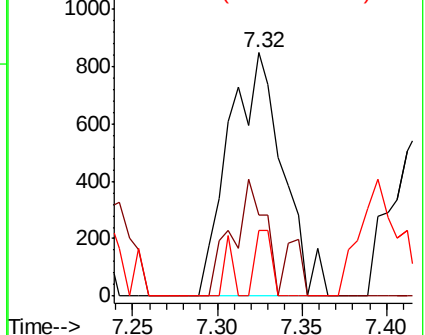
65 26.9 15.2 22.8#

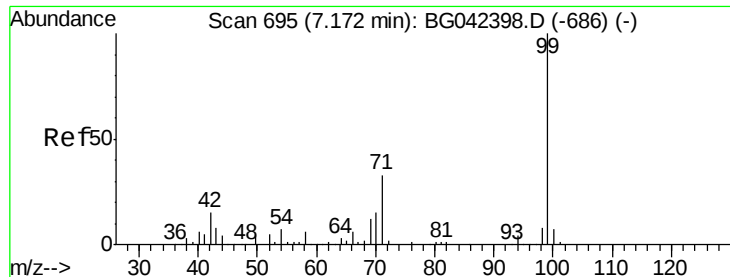


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 9.094 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

Instrument :

BNA_G

ClientSampleId :

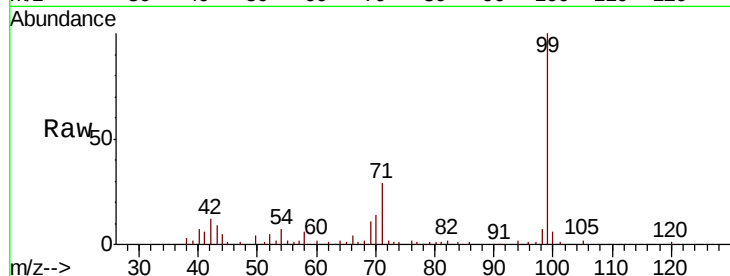
Tot Ion: 99 Resp: 60334

Ion Ratio Lower Upper

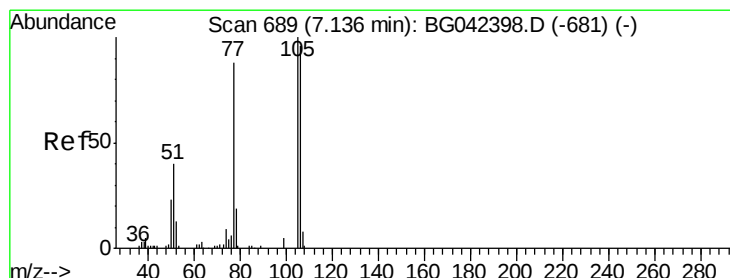
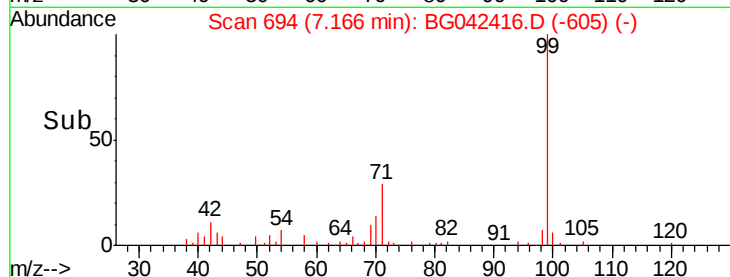
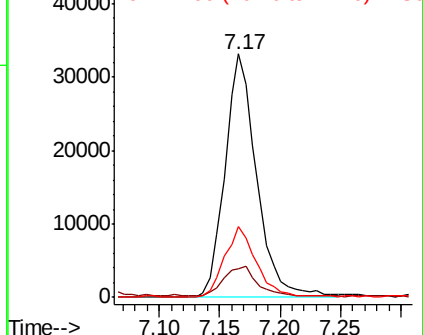
99 100

42 11.7 12.0 18.0#

71 29.1 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



#9

Benzaldehyde

Concen: 0.390 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

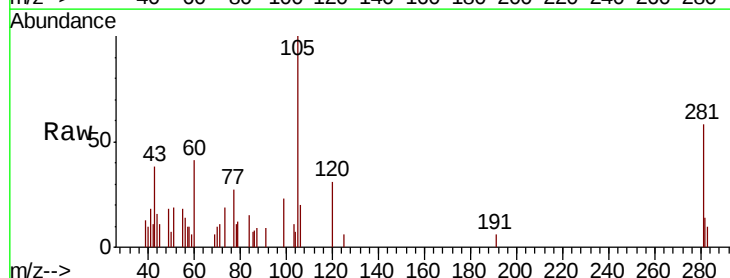
Tgt Ion: 77 Resp: 1295

Ion Ratio Lower Upper

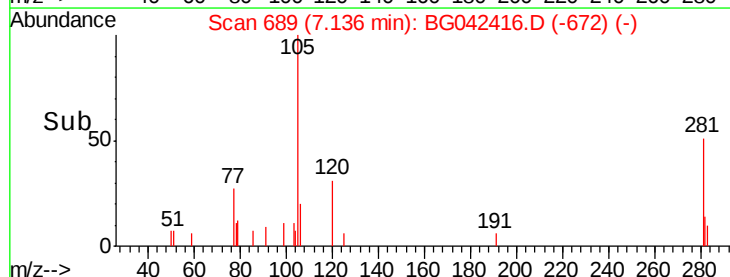
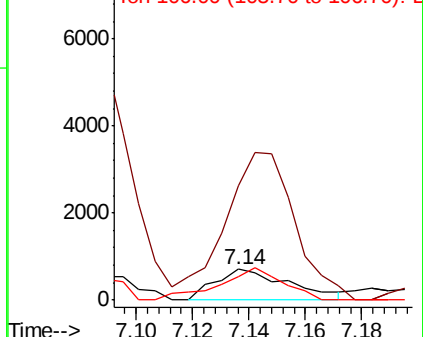
77 100

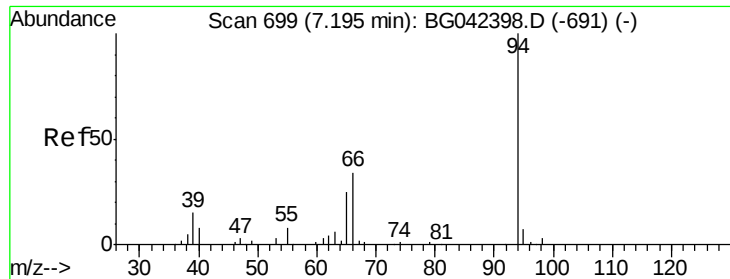
105 372.7 93.4 133.4#

106 76.3 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: 4.282 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

Instrument :

BNA_G

ClientSampleId :

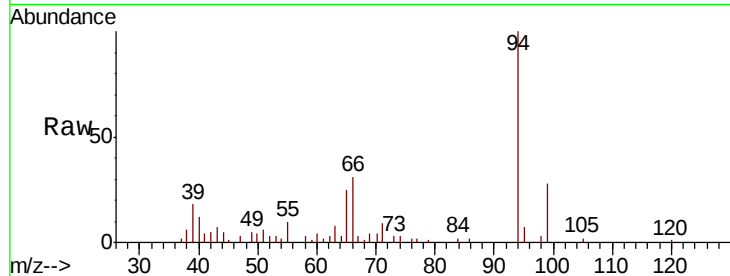
Tot Ion: 94 Resp: 28886

Ion Ratio Lower Upper

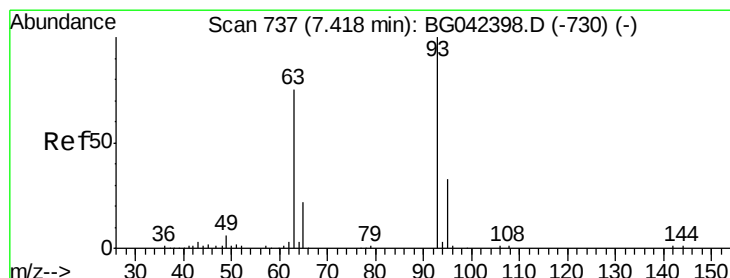
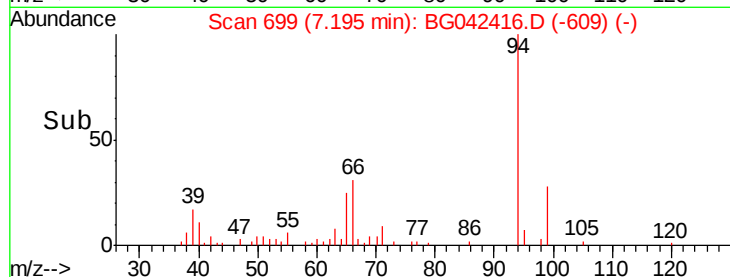
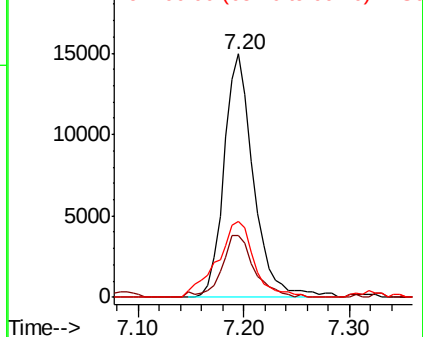
94 100

65 25.4 5.6 45.6

66 31.4 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: 0.158 ng

RT: 7.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

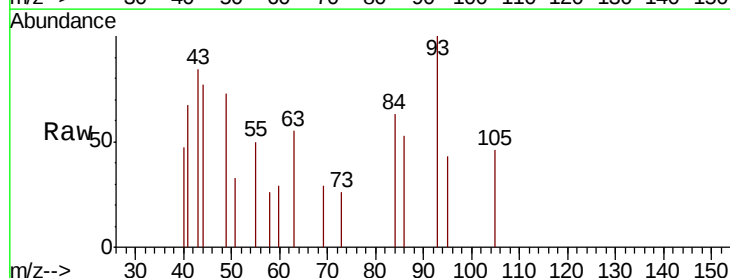
Tgt Ion: 93 Resp: 837

Ion Ratio Lower Upper

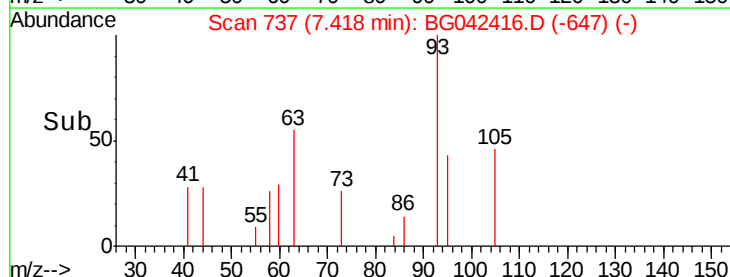
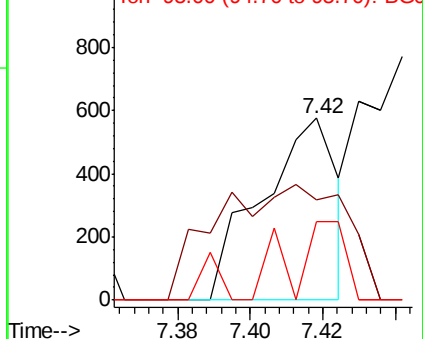
93 100

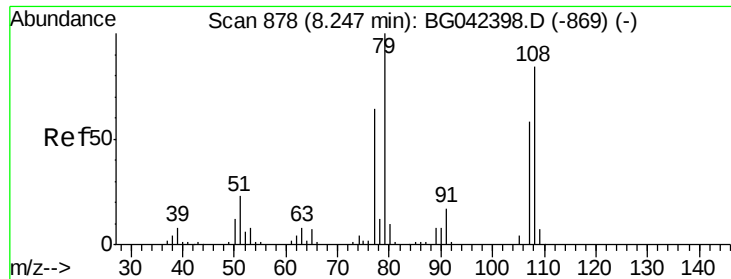
63 55.0 53.8 93.8

95 43.5 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

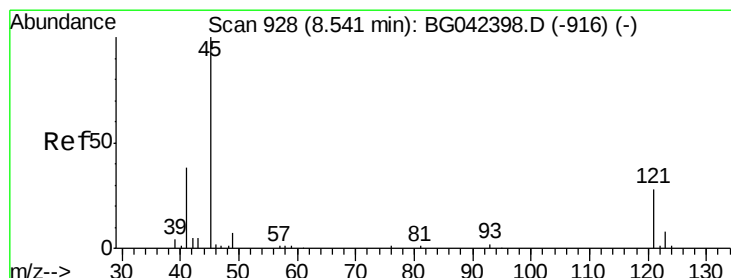
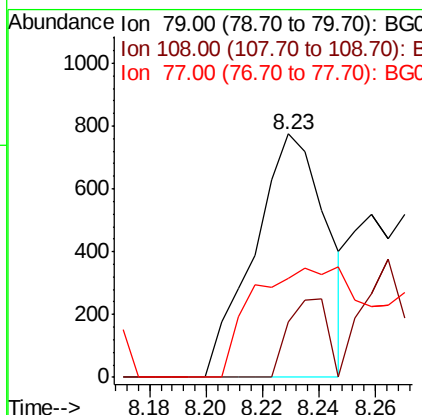
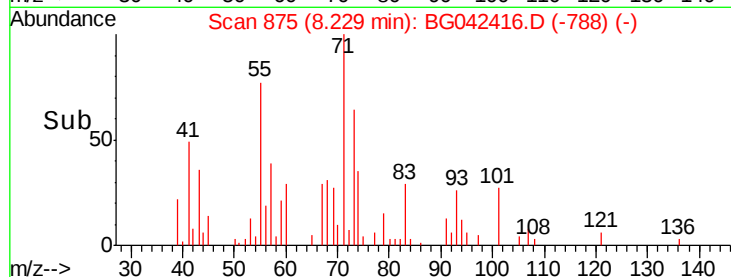
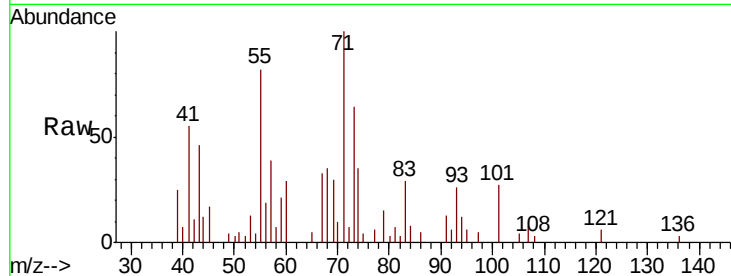




#15
Benzyl Alcohol
Concen: 0.288 ng
RT: 8.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

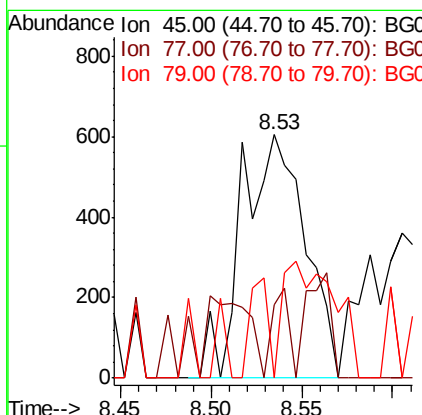
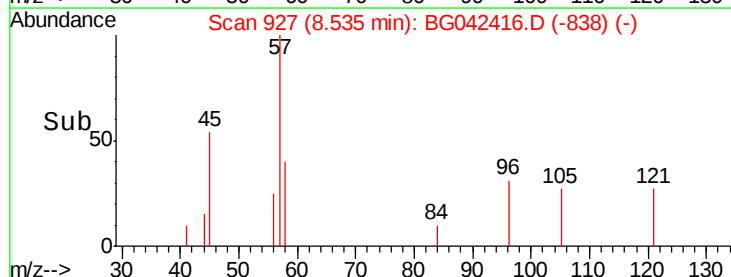
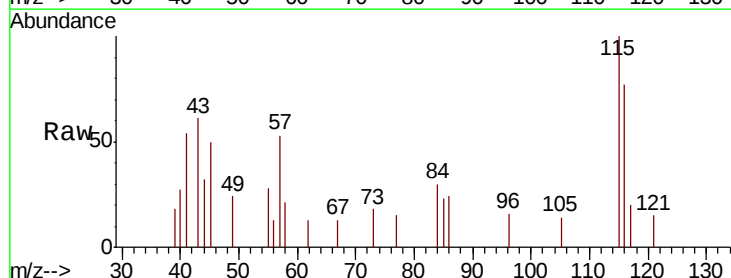
Instrument :
BNA_G
ClientSampleId :

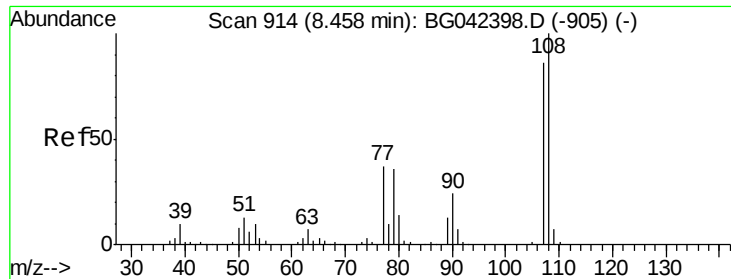
Tot Ion: 79 Resp: 1376
Ion Ratio Lower Upper
79 100
108 23.0 67.4 101.2#
77 40.8 50.8 76.2#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.206 ng
RT: 8.53 min Scan# 927
Delta R.T. -0.01 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion: 45 Resp: 1477
Ion Ratio Lower Upper
45 100
77 30.4 0.0 35.6
79 0.0 0.0 31.6

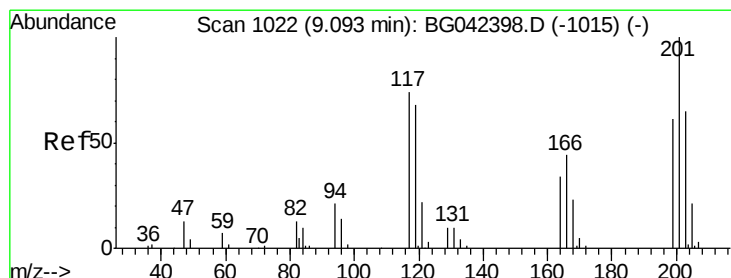
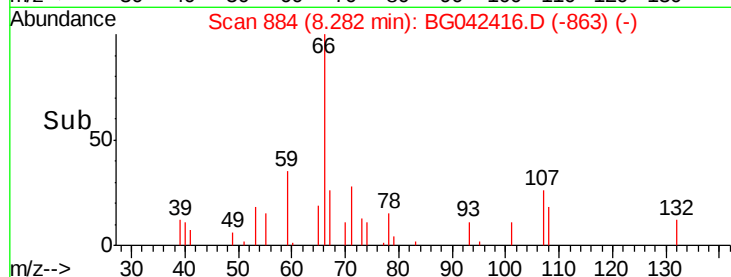
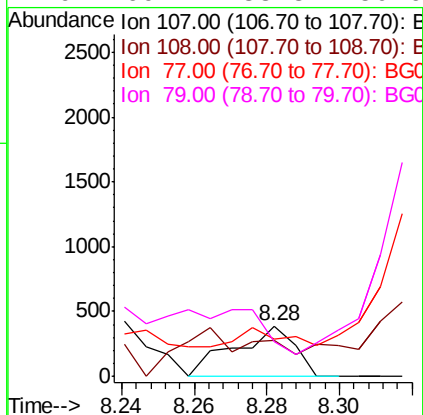
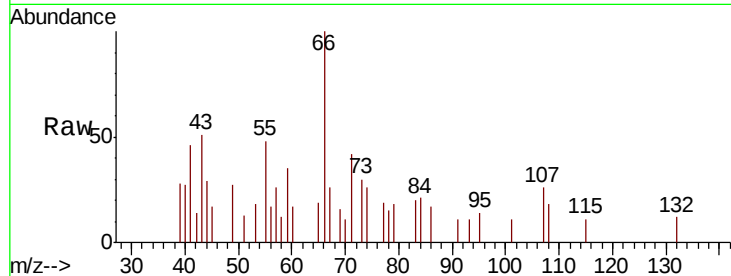




#17
 2-Methylphenol
 Concen: 0.089 ng
 RT: 8.28 min Scan# 884
 Delta R.T. -0.18 min
 Lab File: BG042416.D
 Acq: 23 Aug 2019 00:45

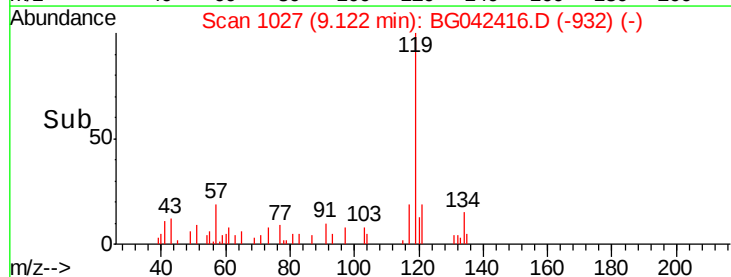
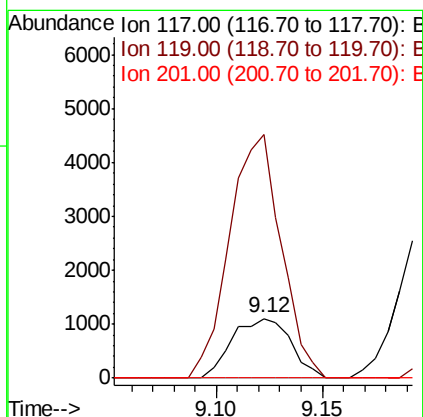
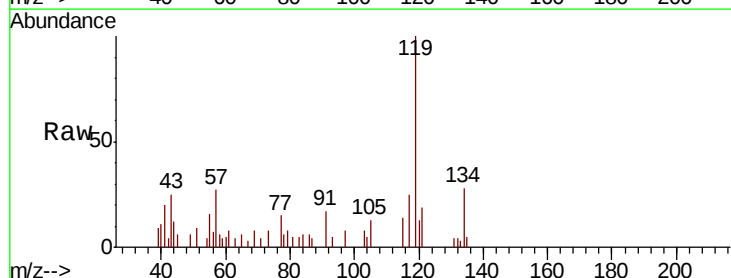
Instrument :
 BNA_G
 ClientSampleId :

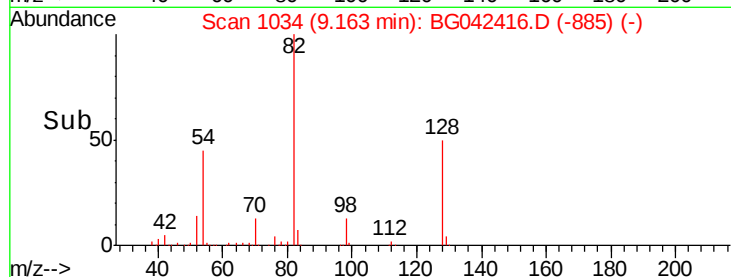
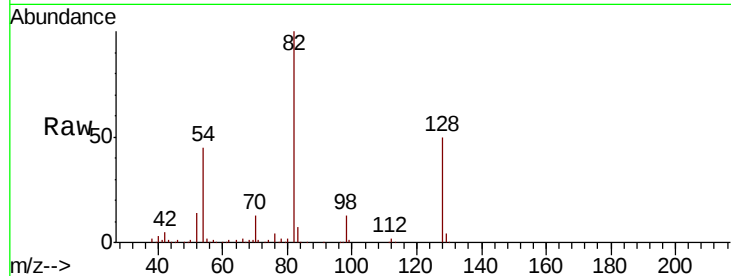
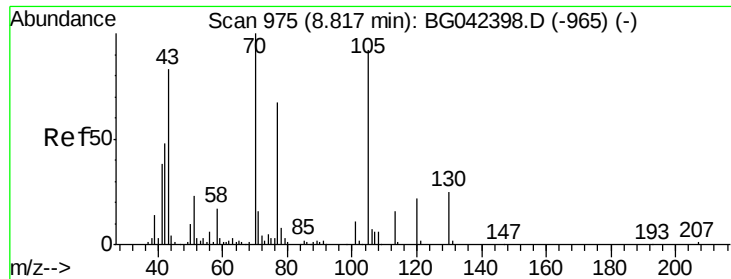
Tot Ion:107 Resp: 442
 Ion Ratio Lower Upper
 107 100
 108 71.0 92.9 139.3#
 77 74.6 34.4 51.6#
 79 69.4 33.8 50.6#



#18
 Hexachloroethane
 Concen: 0.809 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. 0.03 min
 Lab File: BG042416.D
 Acq: 23 Aug 2019 00:45

Tgt Ion:117 Resp: 2124
 Ion Ratio Lower Upper
 117 100
 119 407.5 73.8 110.8#
 201 0.0 108.3 162.5#

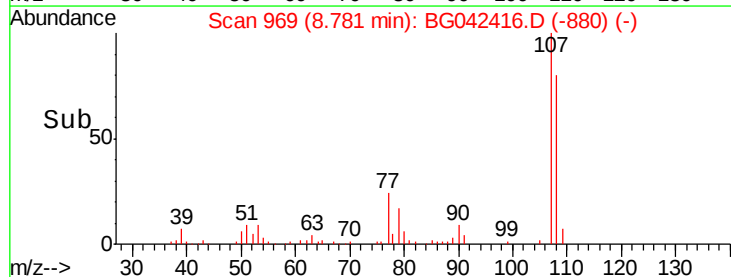
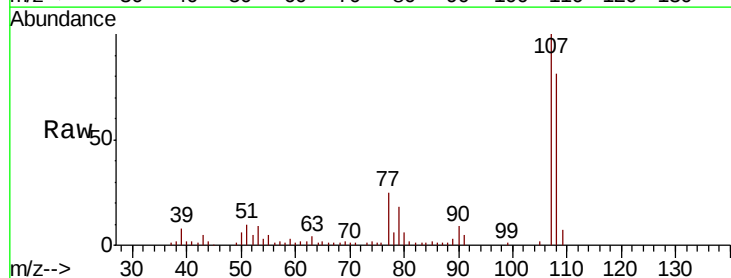
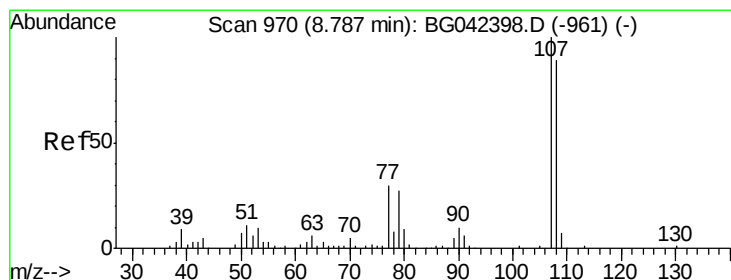
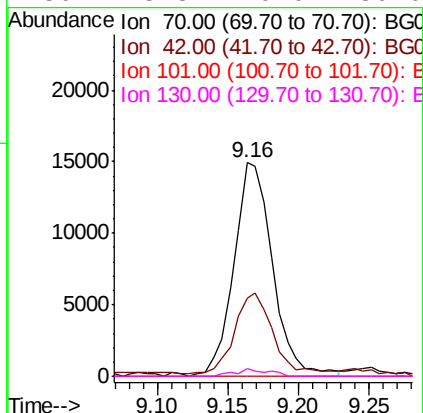




#19
n-Nitroso-di-n-propylamine
Concen: 6.650 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

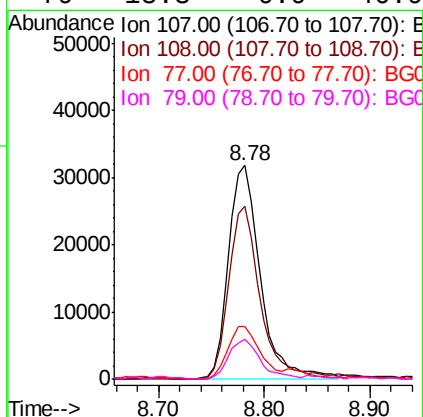
Instrument :
BNA_G
ClientSampled :

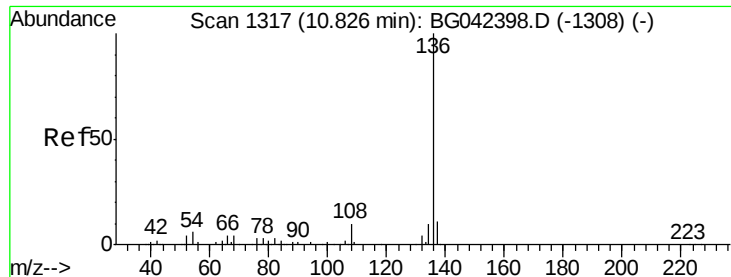
Tot Ion: 70 Resp: 28584
Ion Ratio Lower Upper
70 100
42 36.5 38.8 58.2#
101 0.0 9.0 13.6#
130 3.8 20.0 30.0#



#20
3+4-Methylphenols
Concen: 9.660 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion: 107 Resp: 66417
Ion Ratio Lower Upper
107 100
108 80.9 68.7 108.7
77 24.5 10.2 50.2
79 18.3 6.9 46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 411380

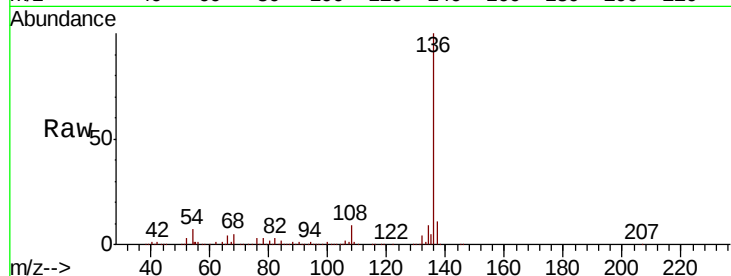
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.8 4.9 7.3

68 5.4 3.6 5.4#

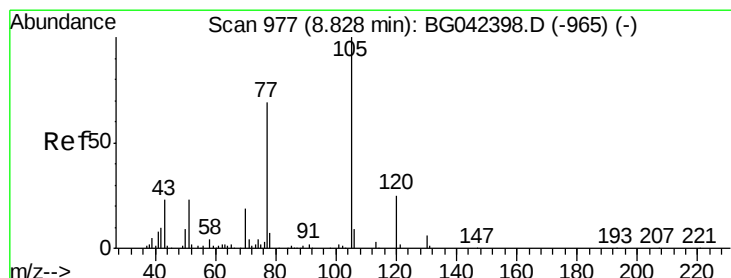
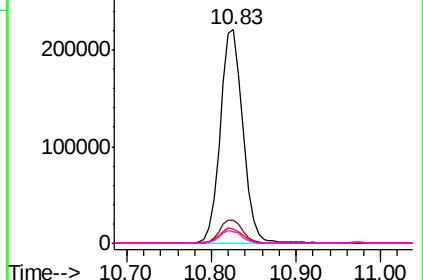
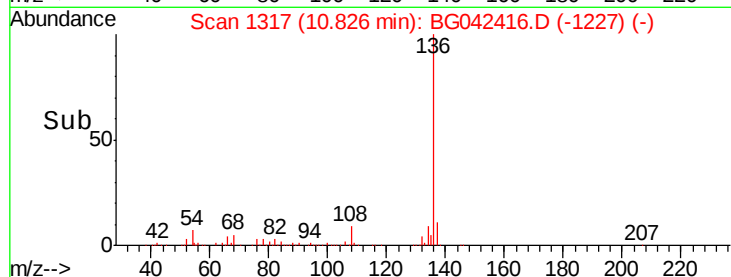


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 0.492 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

Tgt Ion:105 Resp: 4326

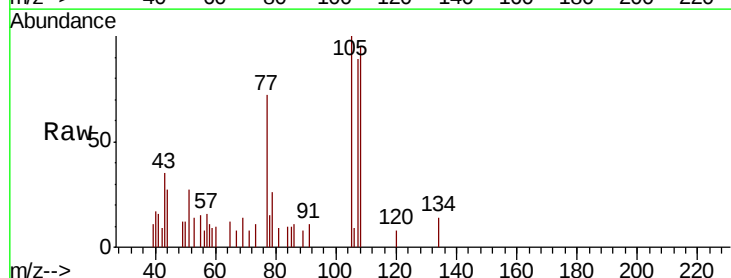
Ion Ratio Lower Upper

105 100

71 8.4 2.8 4.2#

51 27.2 18.7 28.1

120 8.2 20.1 30.1#

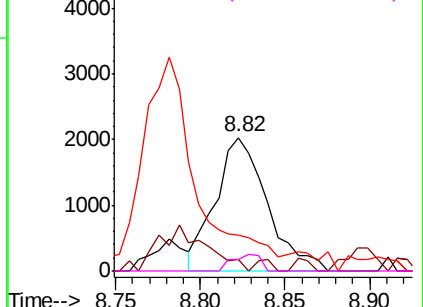
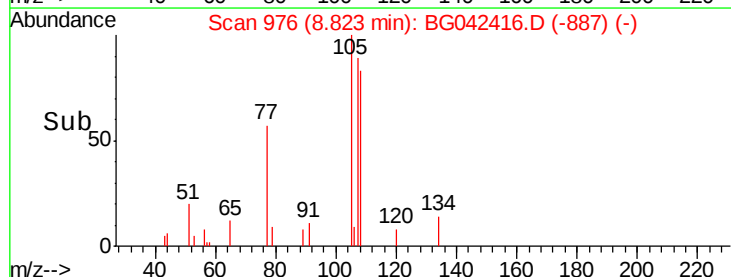


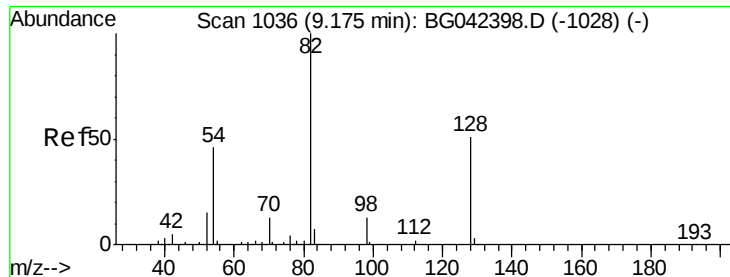
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

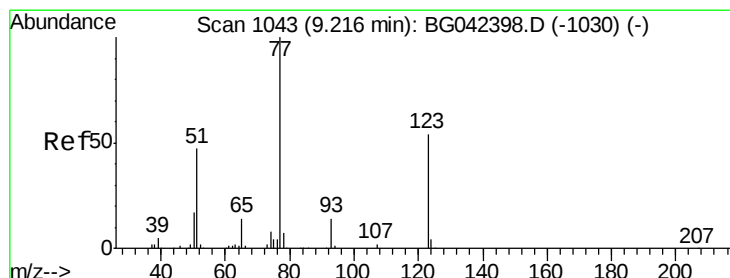
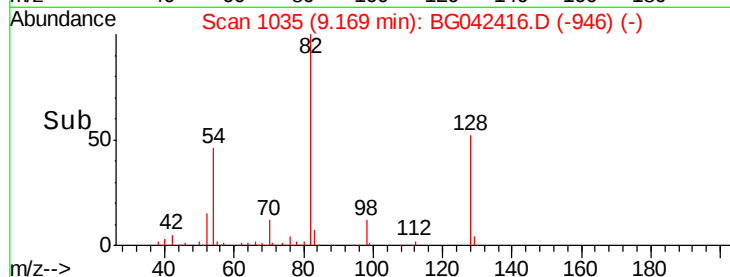
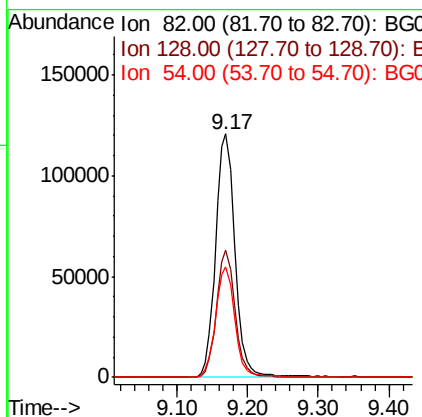
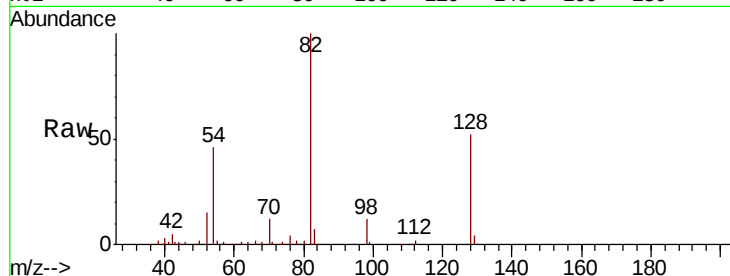




#23
 Nitrobenzene-d5
 Concen: 38.938 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG042416.D
 Acq: 23 Aug 2019 00:45

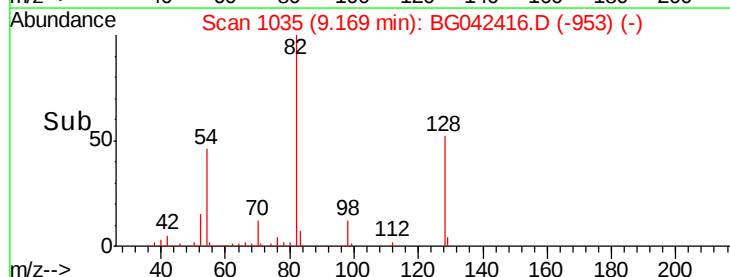
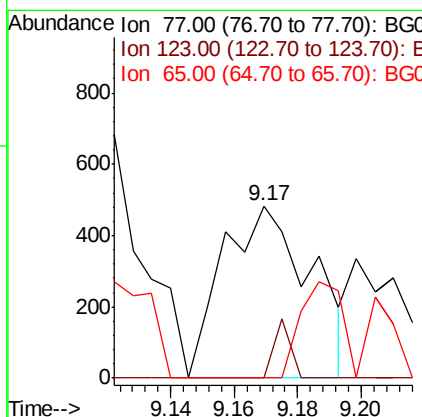
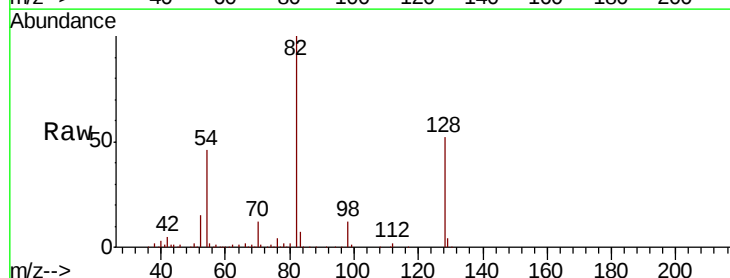
Instrument :
 BNA_G
 ClientSampleId :

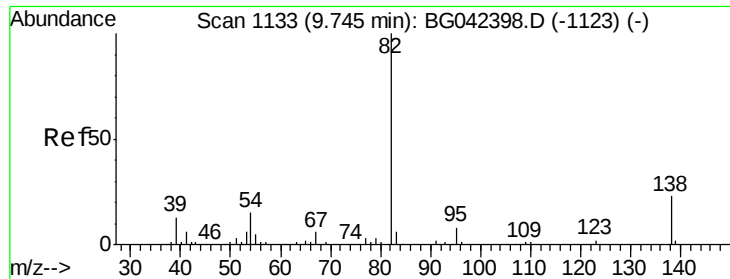
Tot Ion	82	Resp	231800
Ion Ratio	Lower	Upper	
82	100		
128	52.3	40.7	61.1
54	45.6	36.3	54.5



#24
 Nitrobenzene
 Concen: 0.155 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.05 min
 Lab File: BG042416.D
 Acq: 23 Aug 2019 00:45

Tgt Ion	77	Resp	937
Ion Ratio	Lower	Upper	
77	100		
123	0.0	43.4	65.0#
65	0.0	11.0	16.6#





#25

Isophorone

Concen: 0.111 ng

RT: 9.73 min Scan# 1130

Delta R.T. -0.02 min

Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

Instrument :

BNA_G

ClientSampleId :

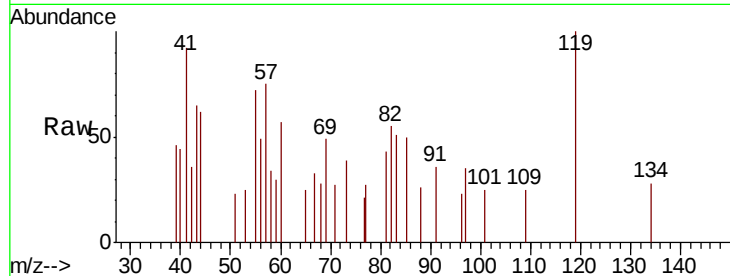
Tot Ion: 82 Resp: 1299

Ion Ratio Lower Upper

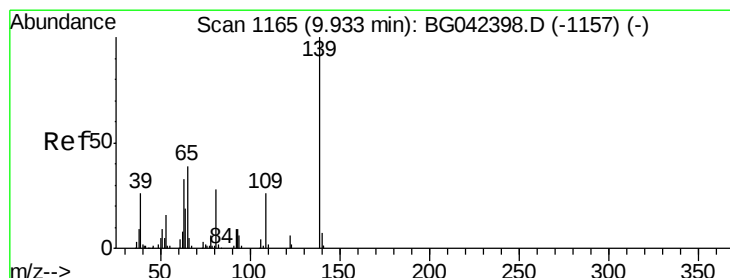
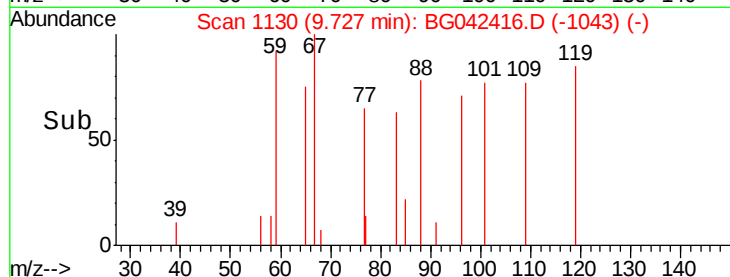
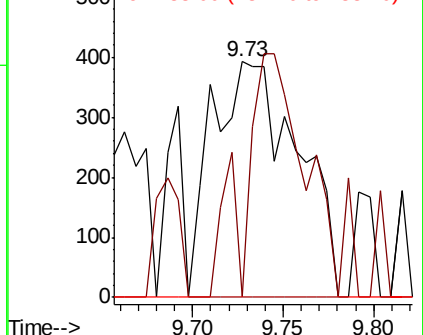
82 100

95 0.0 6.6 9.8#

138 0.0 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: 0.015 ng

RT: 9.62 min Scan# 1111

Delta R.T. -0.32 min

Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

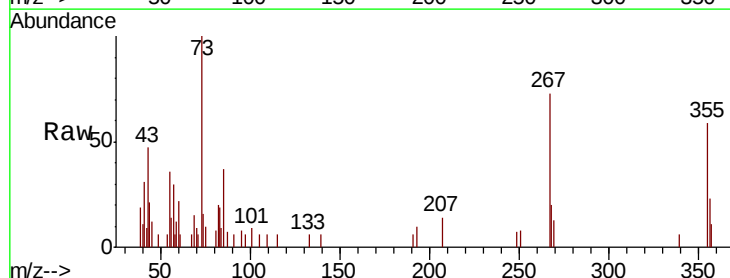
Tgt Ion: 139 Resp: 57

Ion Ratio Lower Upper

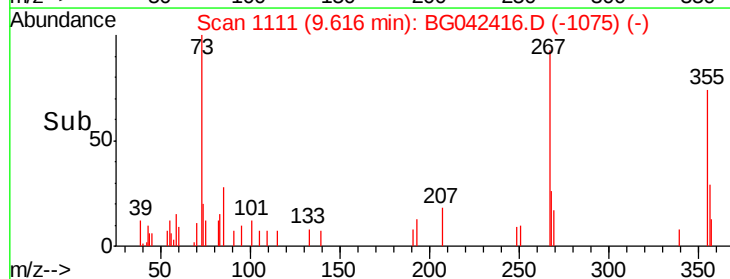
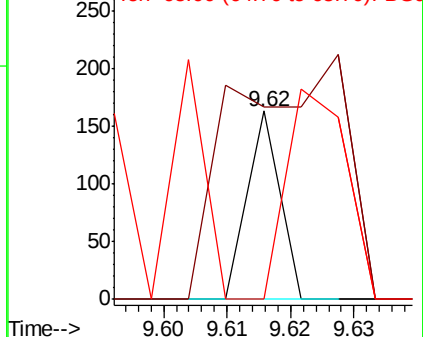
139 100

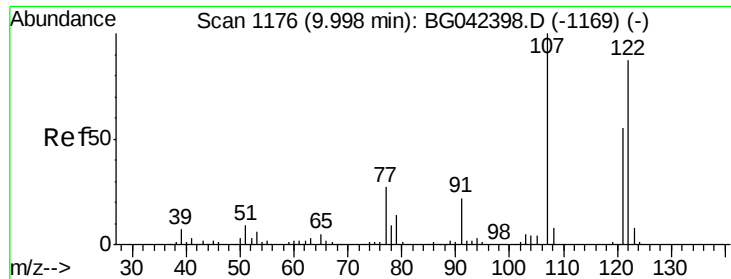
109 102.5 20.5 30.7#

65 0.0 30.9 46.3#



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

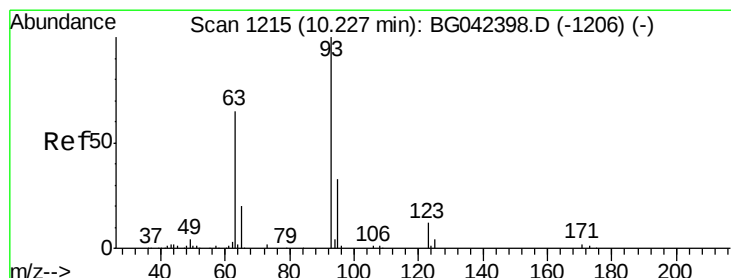
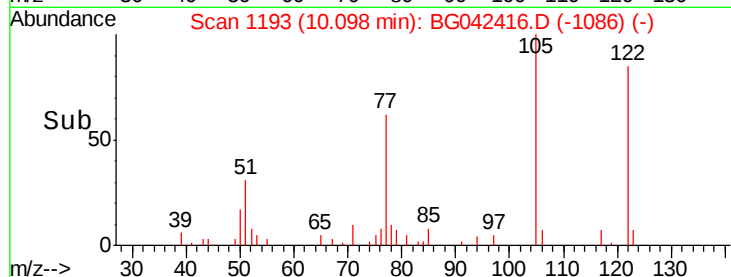
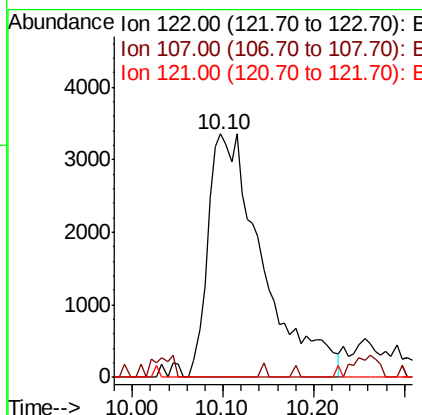
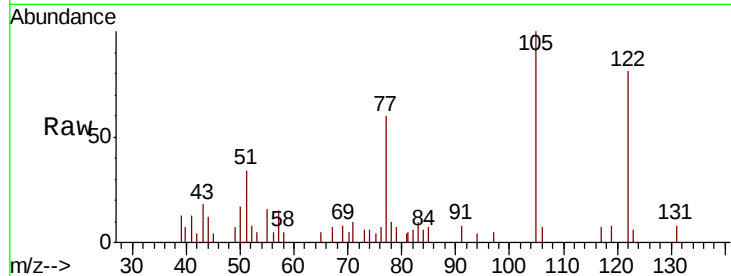




#27
 2,4-Dimethylphenol
 Concen: 2.689 ng
 RT: 10.10 min Scan# 1193
 Delta R.T. 0.10 min
 Lab File: BG042416.D
 Acq: 23 Aug 2019 00:45

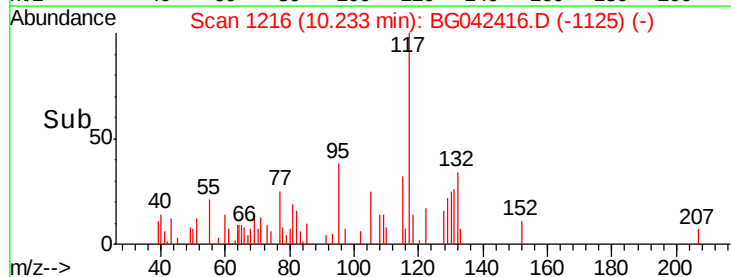
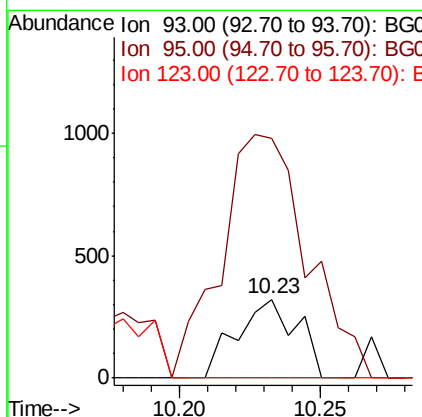
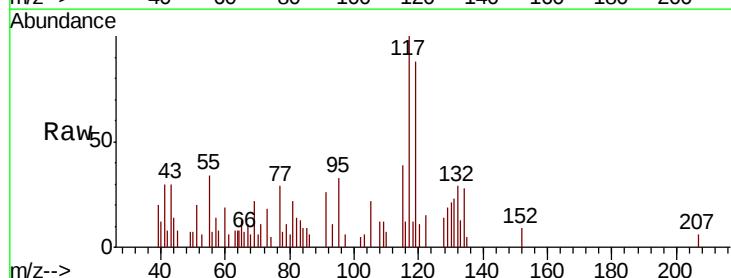
Instrument :
 BNA_G
 ClientSampled :

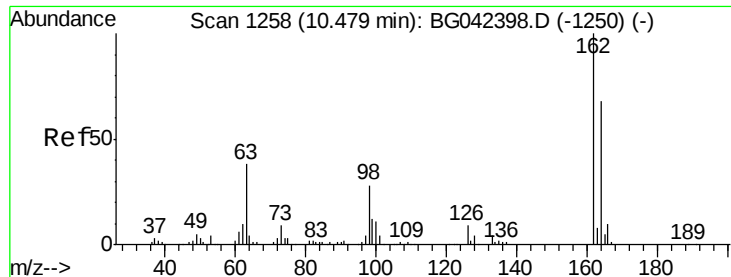
Tot Ion:122 Resp: 13991
 Ion Ratio Lower Upper
 122 100
 107 0.0 90.8 136.2#
 121 0.0 49.6 74.4#



#28
 bis(2-Chloroethoxy)methane
 Concen: 0.065 ng
 RT: 10.23 min Scan# 1216
 Delta R.T. 0.01 min
 Lab File: BG042416.D
 Acq: 23 Aug 2019 00:45

Tgt Ion: 93 Resp: 479
 Ion Ratio Lower Upper
 93 100
 95 303.4 26.6 40.0#
 123 0.0 10.1 15.1#

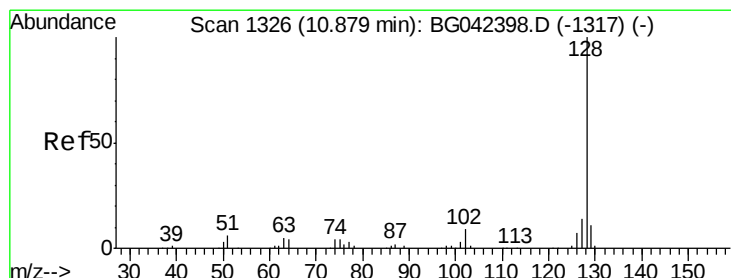
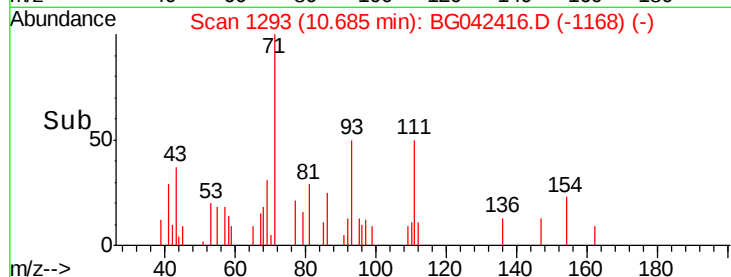
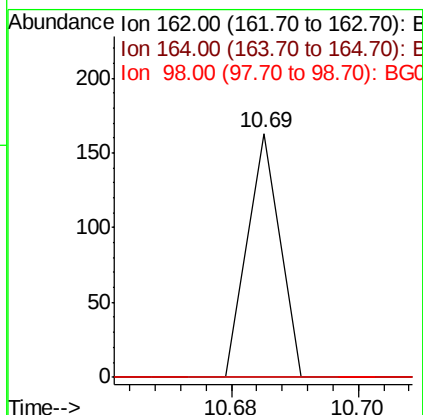
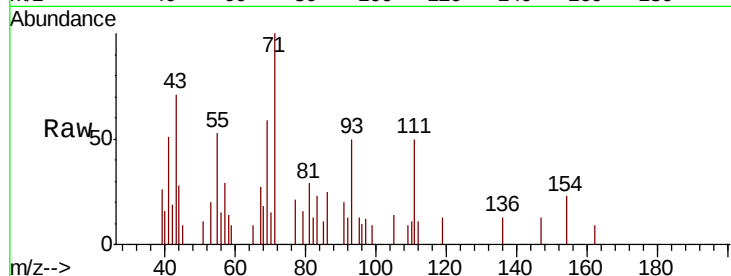




#29
2,4-Dichlorophenol
Concen: 0.008 ng
RT: 10.69 min Scan# 1293
Delta R.T. 0.21 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

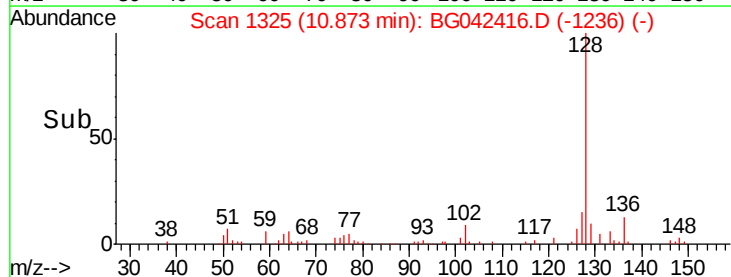
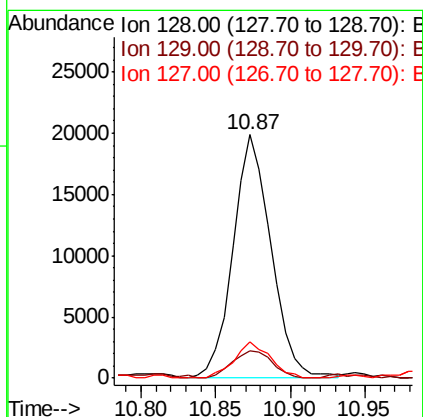
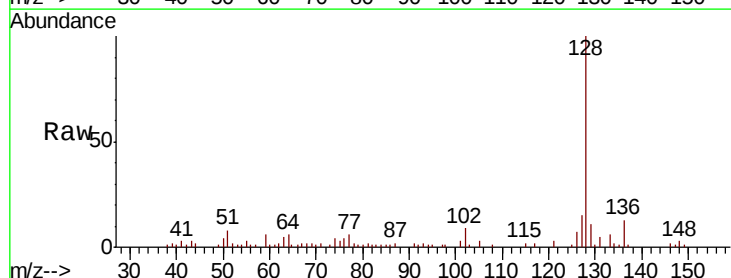
Instrument :
BNA_G
ClientSampled :

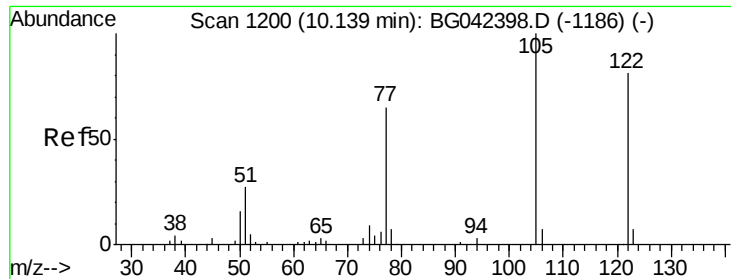
Tot Ion:162 Resp: 57
Ion Ratio Lower Upper
162 100
164 0.0 48.1 88.1#
98 0.0 7.6 47.6#



#31
Naphthalene
Concen: 1.844 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion:128 Resp: 35216
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 14.9 11.4 17.0





#32

Benzoic acid

Concen: 11.243 ng

RT: 10.10 min Scan# 1193

Delta R.T. -0.04 min

Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

Instrument :

BNA_G

ClientSampled :

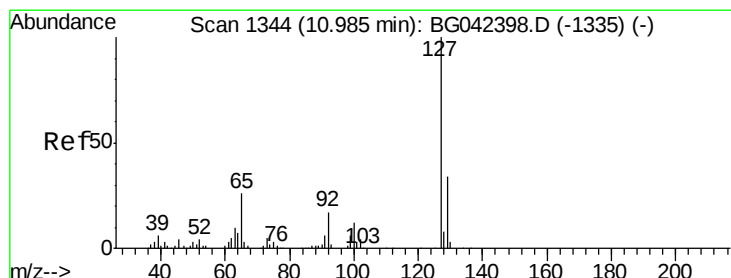
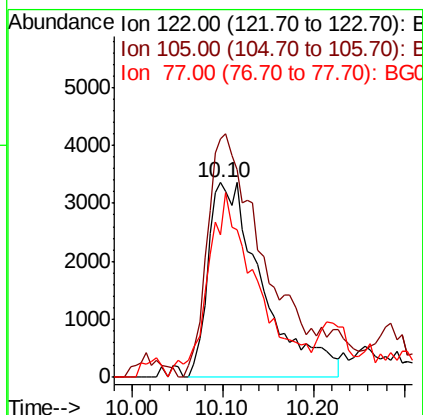
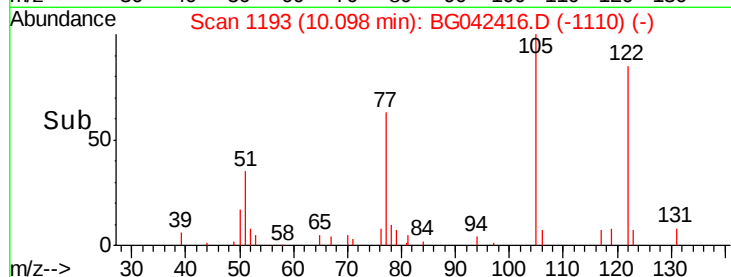
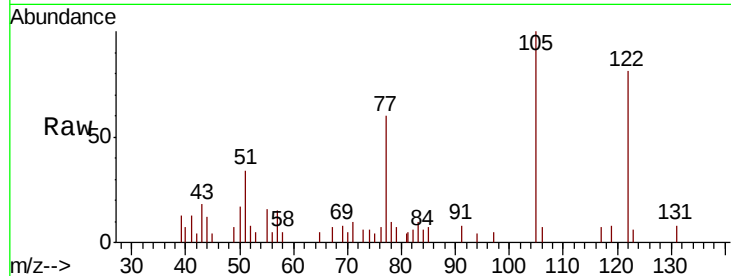
Tot Ion:122 Resp: 13991

Ion Ratio Lower Upper

122 100

105 122.9 99.6 139.6

77 73.5 59.5 99.5



#33

4-Chloroaniline

Concen: 0.093 ng

RT: 10.98 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

Tgt Ion:127 Resp: 820

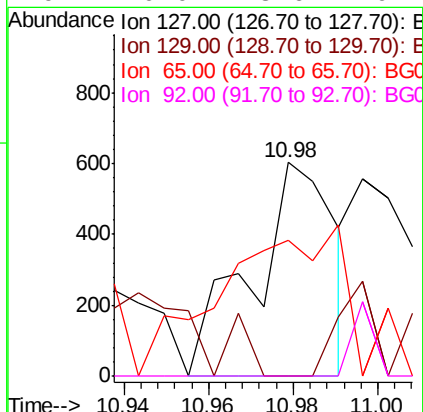
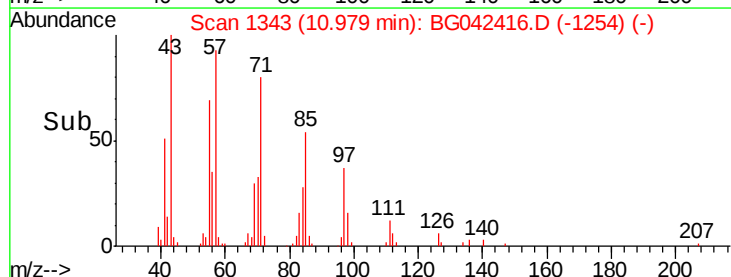
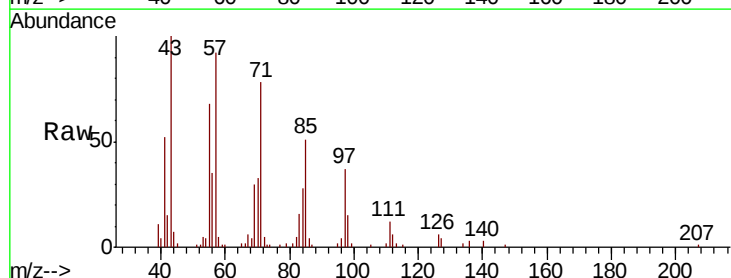
Ion Ratio Lower Upper

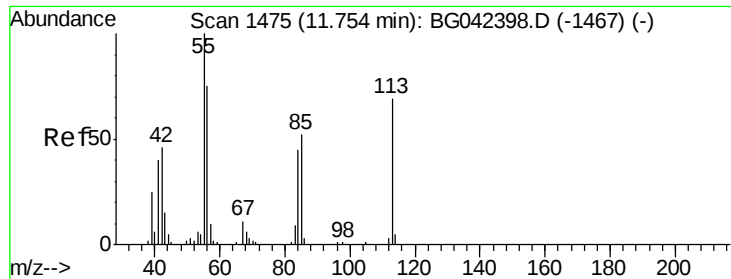
127 100

129 0.0 26.8 40.2#

65 63.3 20.7 31.1#

92 0.0 13.6 20.4#





#35

Caprolactam

Concen: 0.421 ng

RT: 11.80 min Scan# 1483

Delta R.T. 0.05 min

Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

Instrument :

BNA_G

ClientSampleId :

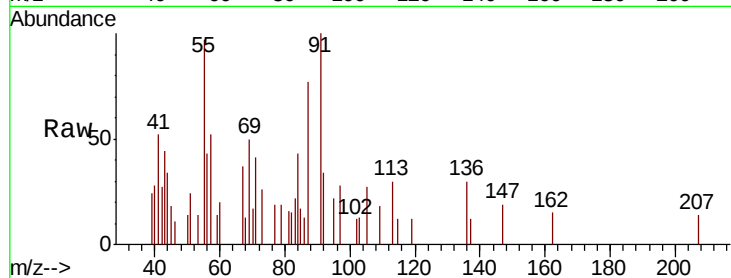
Tot Ion:113 Resp: 956

Ion Ratio Lower Upper

113 100

55 329.0 124.6 164.6#

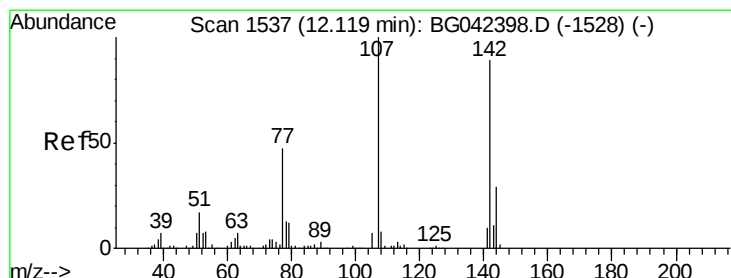
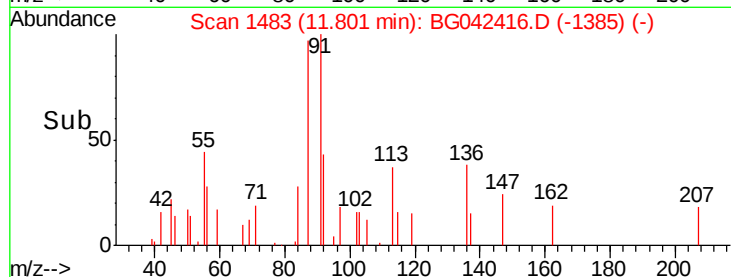
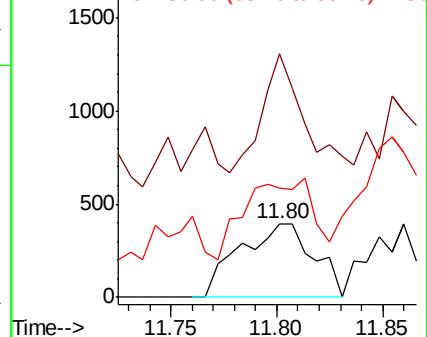
56 146.9 88.3 128.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG042398.D (-1467) (-)

Ion 56.00 (55.70 to 56.70): BG042398.D (-1467) (-)



#36

4-Chloro-3-methylphenol

Concen: 0.093 ng

RT: 12.16 min Scan# 1544

Delta R.T. 0.04 min

Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

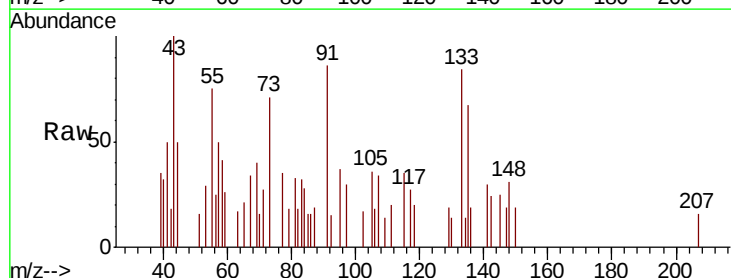
Tgt Ion:107 Resp: 604

Ion Ratio Lower Upper

107 100

144 0.0 23.6 35.4#

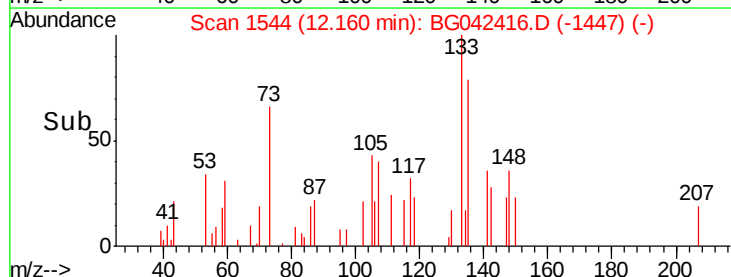
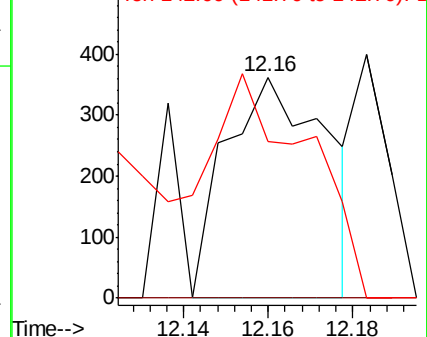
142 70.7 71.0 106.4#

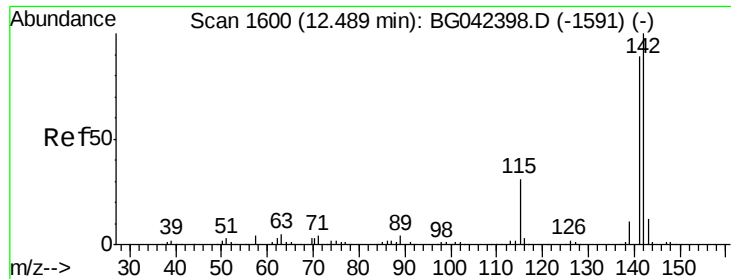


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

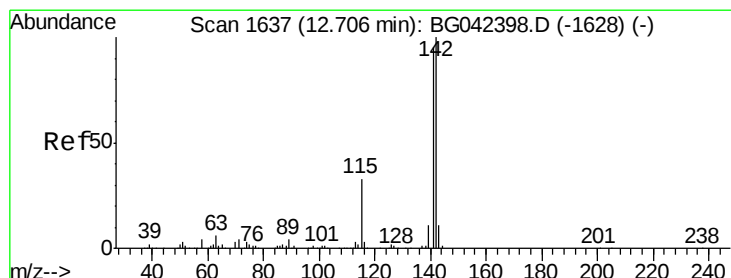
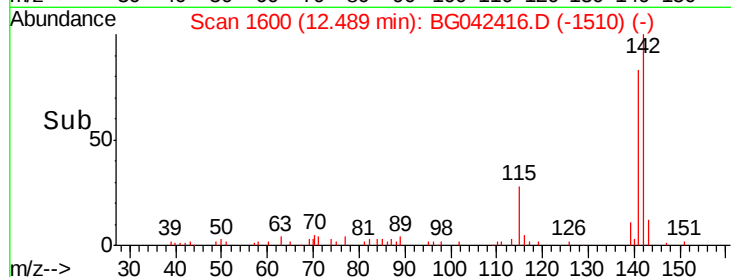
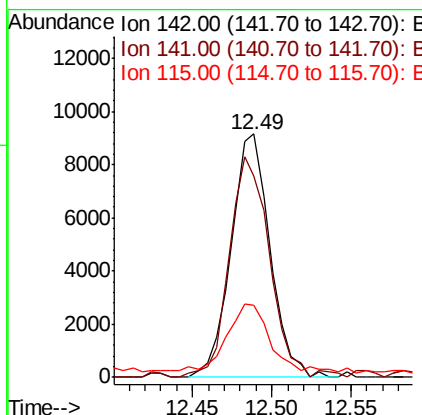
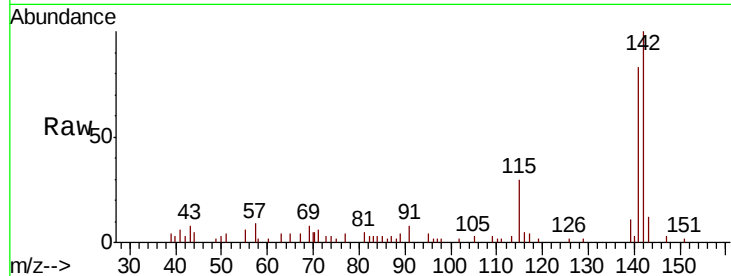




#37
 2-Methylnaphthalene
 Concen: 1.015 ng
 RT: 12.49 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BG042416.D
 Acq: 23 Aug 2019 00:45

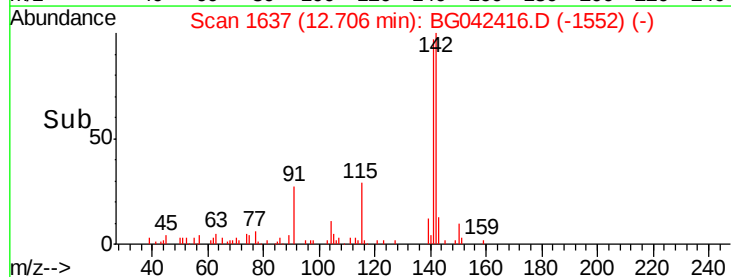
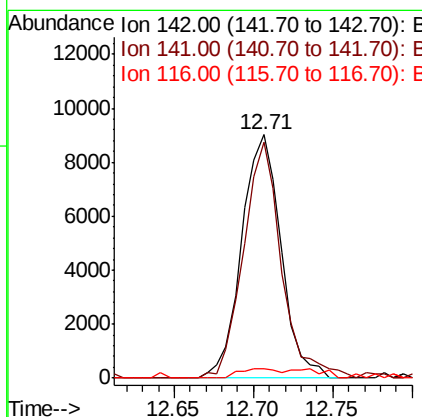
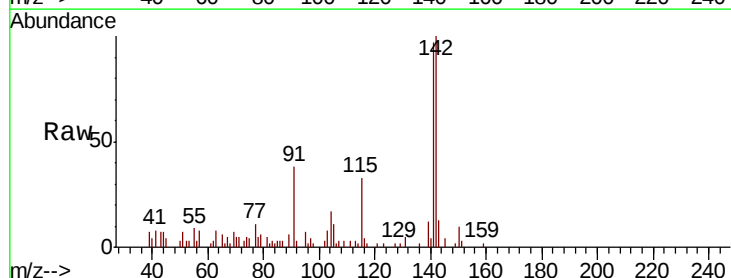
Instrument :
 BNA_G
 ClientSampleId :

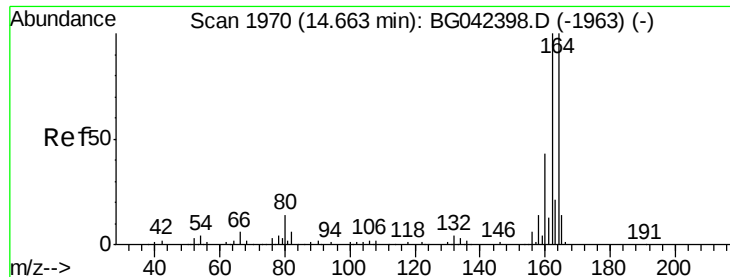
Tot Ion:142 Resp: 15564
 Ion Ratio Lower Upper
 142 100
 141 83.0 71.4 107.2
 115 29.6 25.2 37.8



#38
 1-Methylnaphthalene
 Concen: 1.069 ng
 RT: 12.71 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: BG042416.D
 Acq: 23 Aug 2019 00:45

Tgt Ion:142 Resp: 15569
 Ion Ratio Lower Upper
 142 100
 141 97.1 76.2 114.2
 116 4.0 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

Instrument :

BNA_G

ClientSampleId :

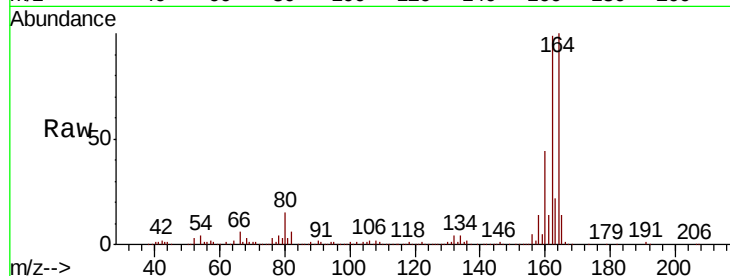
Tot Ion:164 Resp: 211915

Ion Ratio Lower Upper

164 100

162 99.0 79.9 119.9

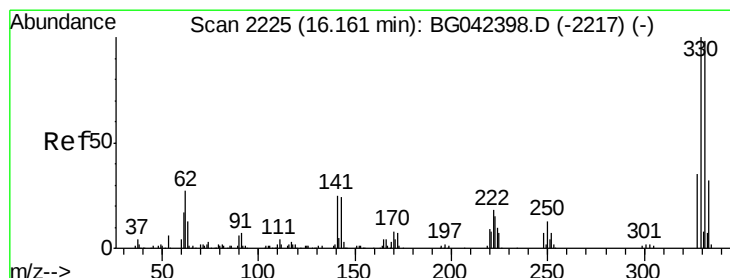
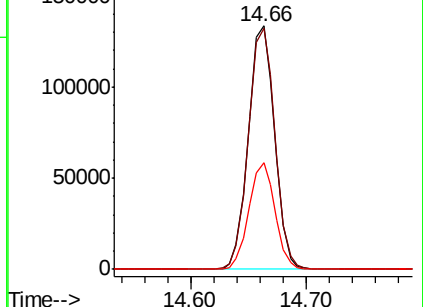
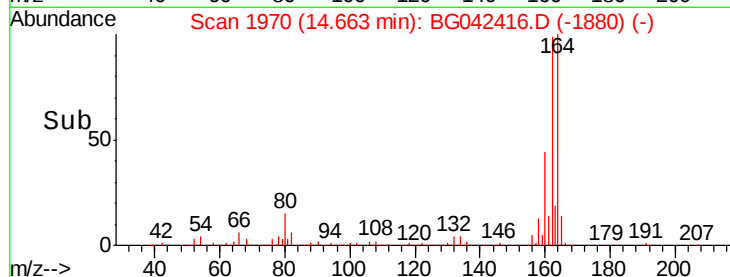
160 43.6 34.3 51.5



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



#42

2,4,6-Tribromophenol

Concen: 33.335 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

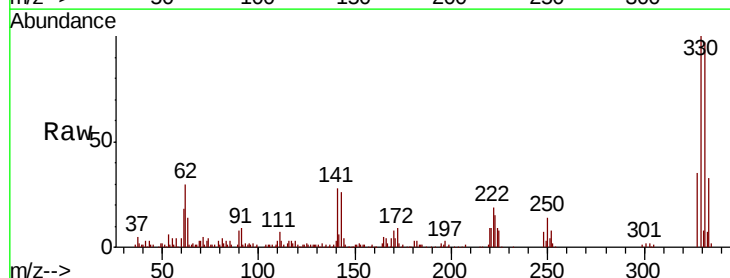
Tgt Ion:330 Resp: 100406

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.0

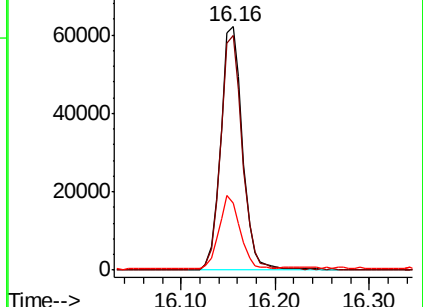
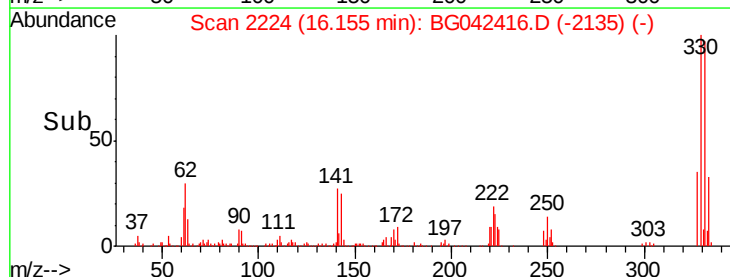
141 29.1 21.4 32.0

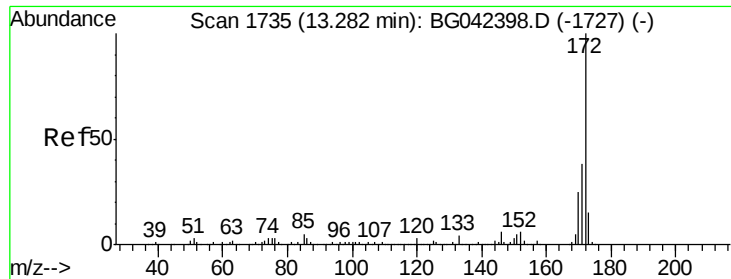


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

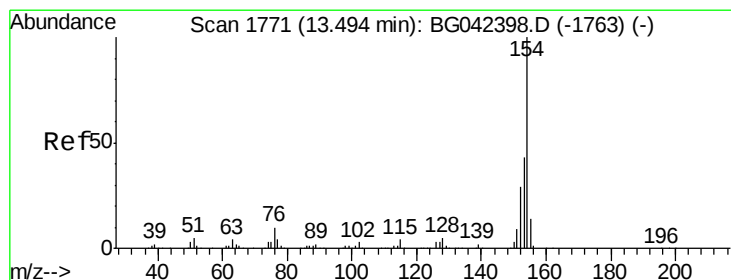
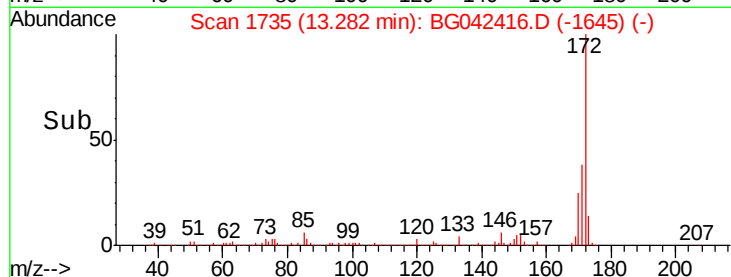
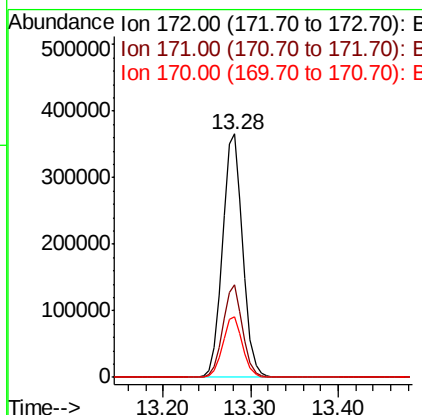
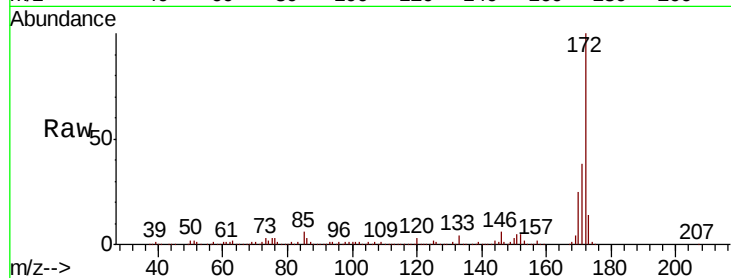




#45
2-Fluorobiphenyl
Concen: 46.444 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

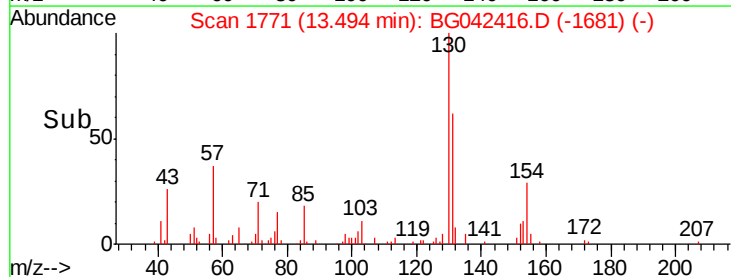
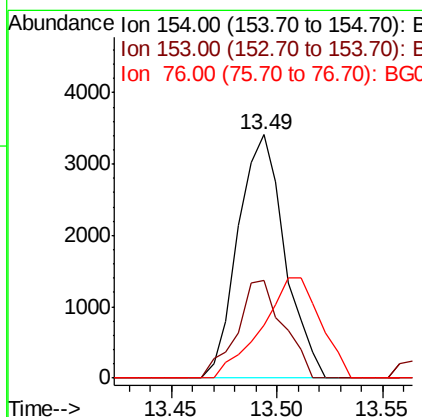
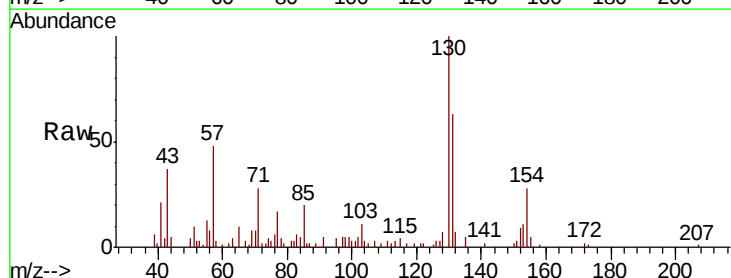
Instrument :
BNA_G
ClientSampled :

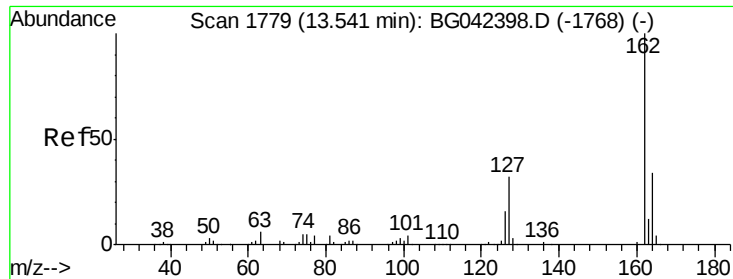
Tot Ion:172 Resp: 581940
Ion Ratio Lower Upper
172 100
171 38.1 30.5 45.7
170 24.7 20.2 30.2



#46
1,1'-Biphenyl
Concen: 0.382 ng
RT: 13.49 min Scan# 1771
Delta R.T. -0.00 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion:154 Resp: 5226
Ion Ratio Lower Upper
154 100
153 40.1 23.0 63.0
76 21.8 0.0 29.6

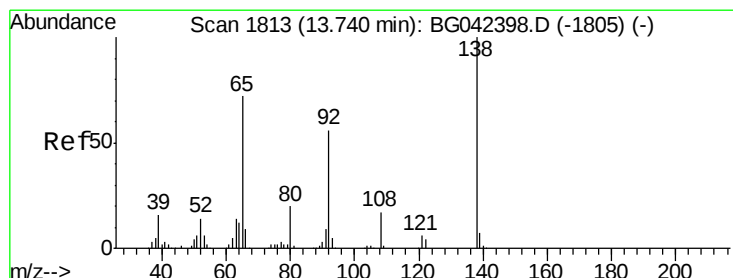
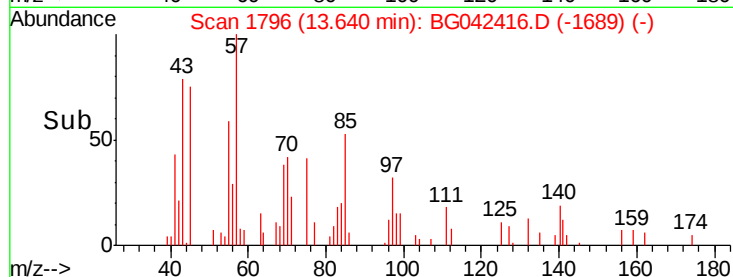
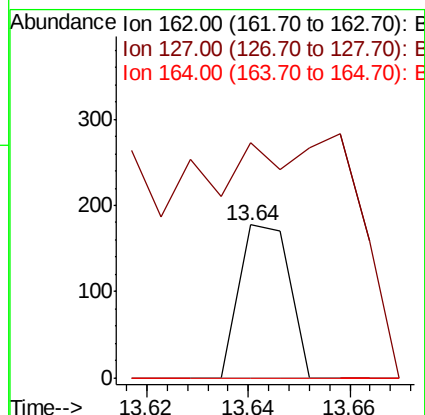
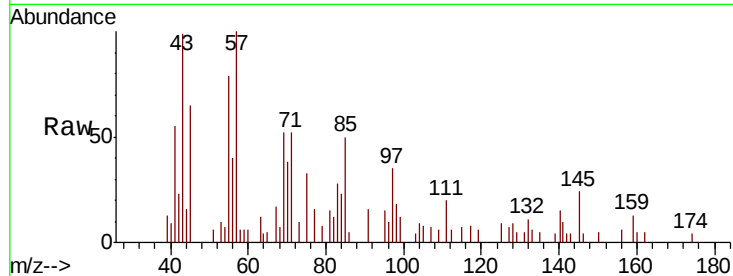




#47
 2-Chloronaphthalene
 Concen: 0.010 ng
 RT: 13.64 min Scan# 1796
 Delta R.T. 0.10 min
 Lab File: BG042416.D
 Acq: 23 Aug 2019 00:45

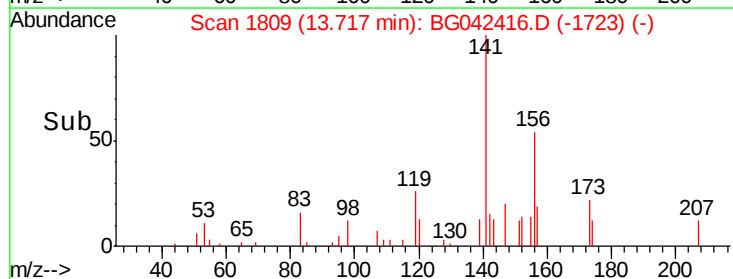
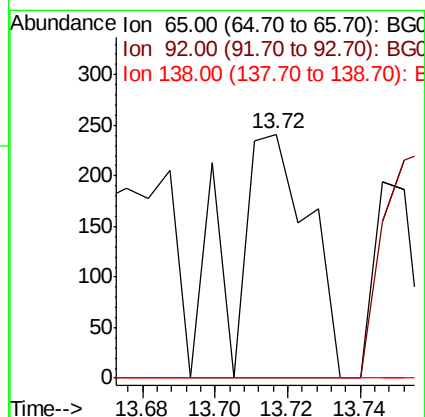
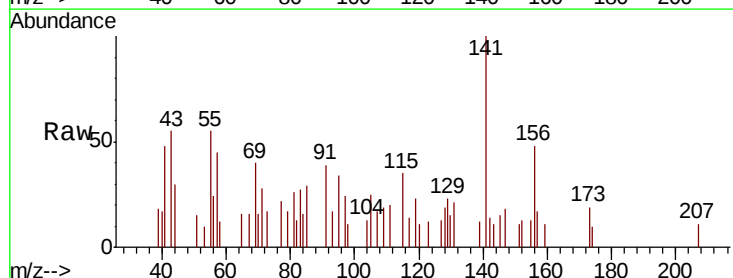
Instrument :
 BNA_G
 ClientSampled :

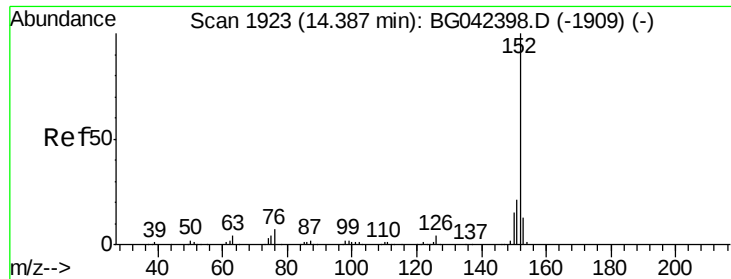
Tot Ion:162 Resp: 122
 Ion Ratio Lower Upper
 162 100
 127 154.2 26.0 39.0#
 164 0.0 27.4 41.0#



#48
 2-Nitroaniline
 Concen: 0.125 ng
 RT: 13.72 min Scan# 1809
 Delta R.T. -0.02 min
 Lab File: BG042416.D
 Acq: 23 Aug 2019 00:45

Tgt Ion: 65 Resp: 356
 Ion Ratio Lower Upper
 65 100
 92 0.0 61.8 92.6#
 138 0.0 111.0 166.6#





#49

Acenaphthylene

Concen: 0.603 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

Instrument :

BNA_G

ClientSampleId :

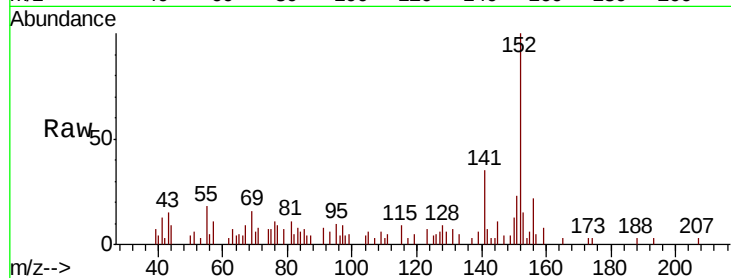
Tot Ion:152 Resp: 10715

Ion Ratio Lower Upper

152 100

151 23.3 17.0 25.4

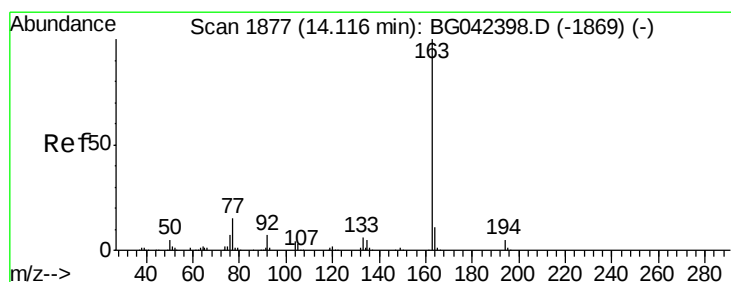
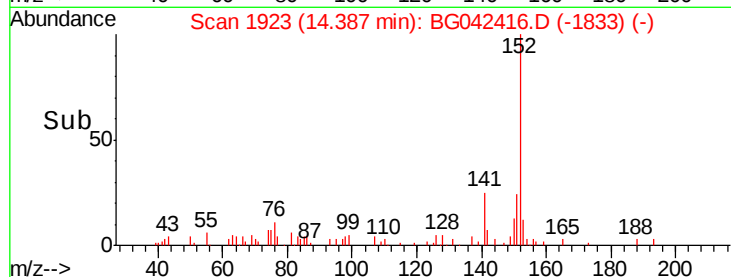
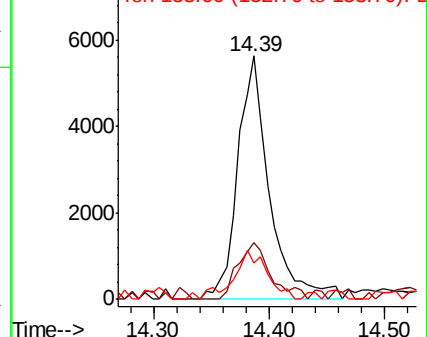
153 14.7 10.6 16.0



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: 14.339 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

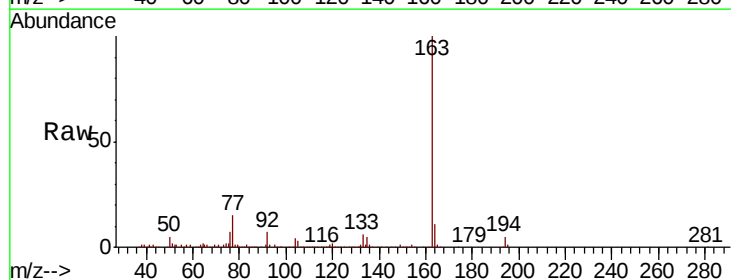
Tgt Ion:163 Resp: 219253

Ion Ratio Lower Upper

163 100

194 5.1 4.2 6.2

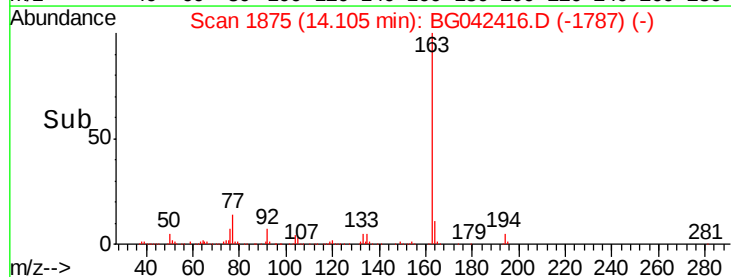
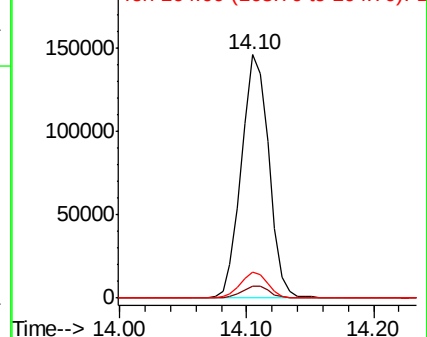
164 10.7 8.8 13.2

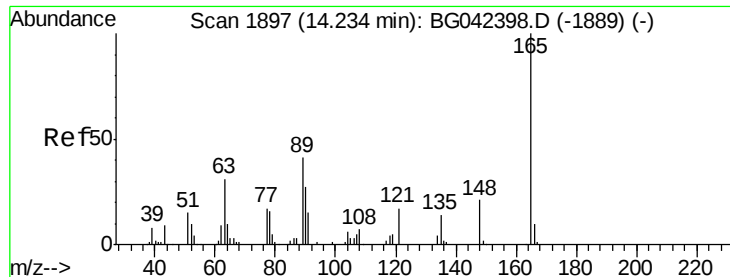


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 0.696 ng

RT: 14.19 min Scan# 1890

Delta R.T. -0.04 min

Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

Instrument :

BNA_G

ClientSampleId :

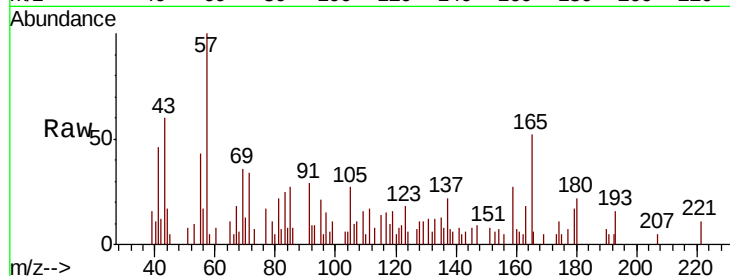
Tot Ion:165 Resp: 2467

Ion Ratio Lower Upper

165 100

63 0.0 30.6 45.8#

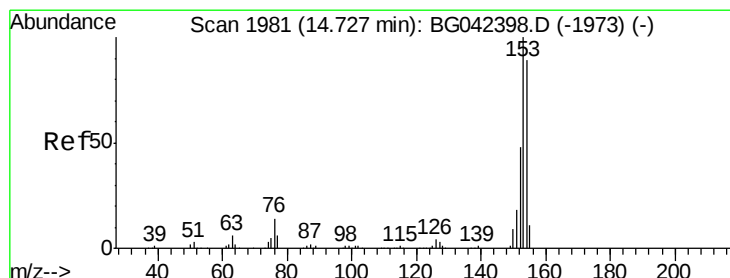
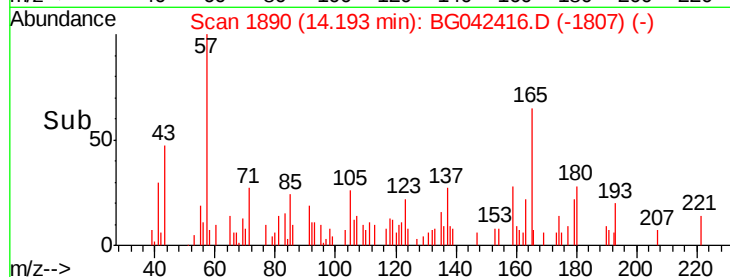
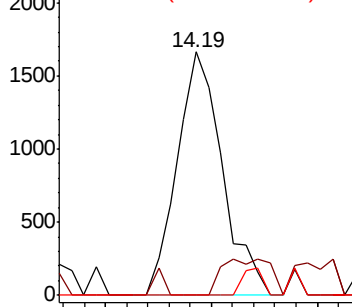
89 0.0 32.6 49.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 1.000 ng

RT: 14.73 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

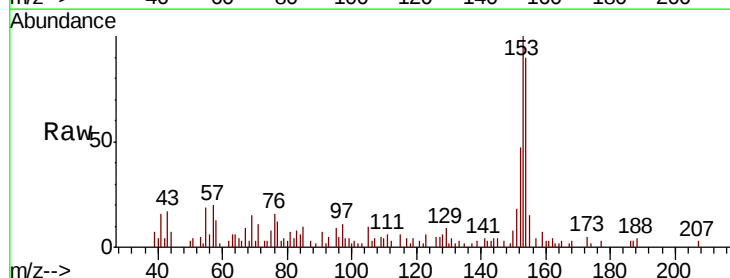
Tgt Ion:154 Resp: 10795

Ion Ratio Lower Upper

154 100

153 110.6 90.2 135.4

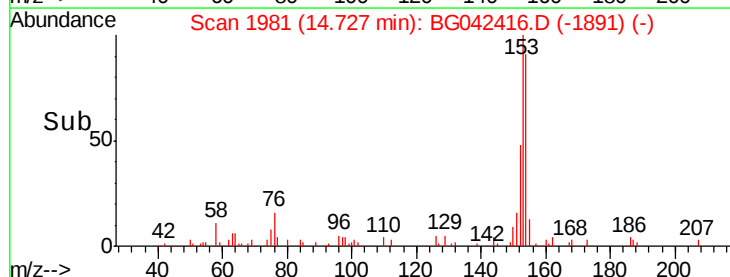
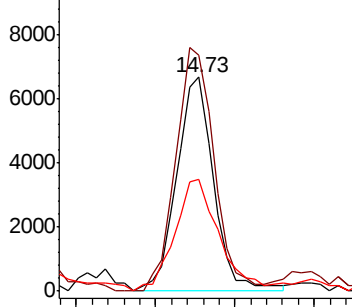
152 52.0 43.2 64.8

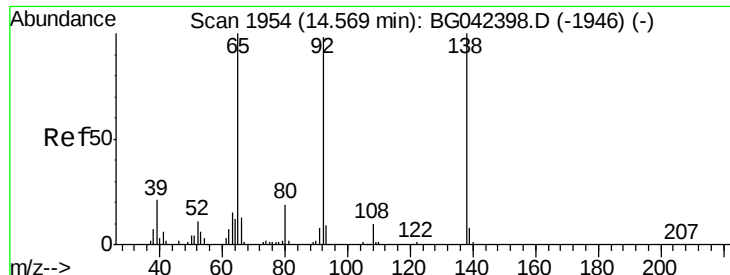


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

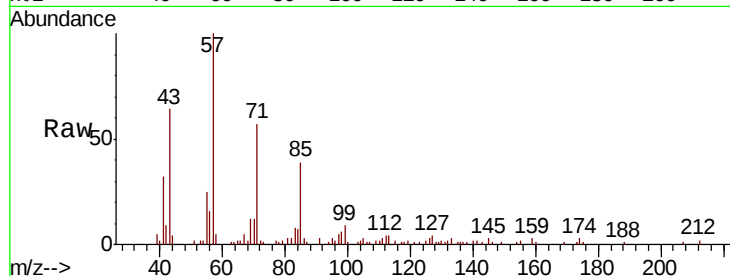




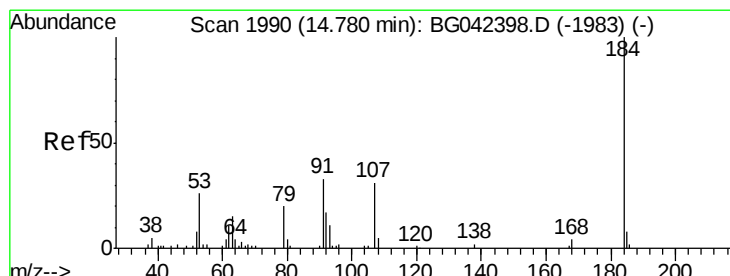
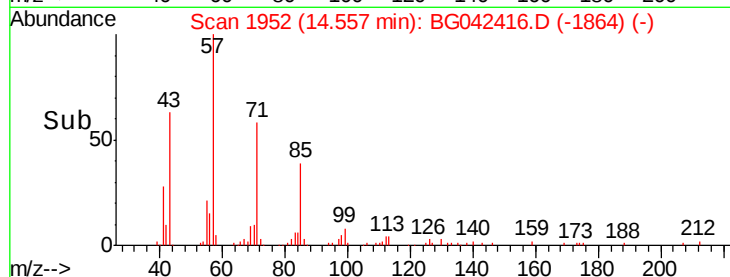
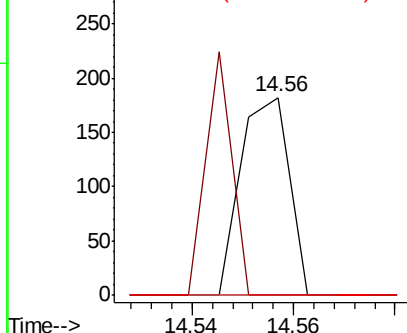
#53
3-Nitroaniline
Concen: 0.034 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
138	100		
108	0.0	8.3	12.5#
92	0.0	78.2	117.4#

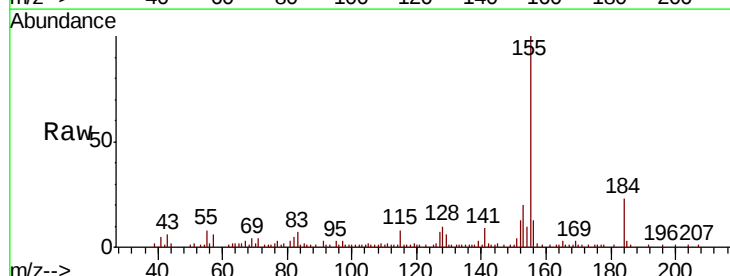


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

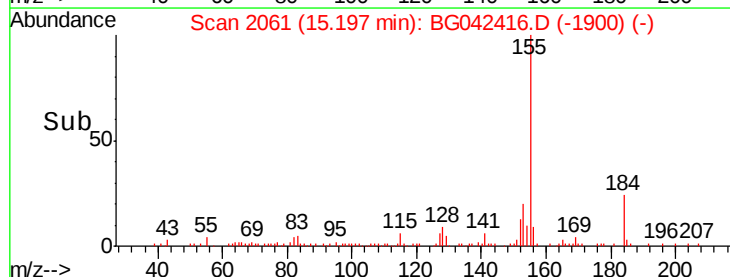
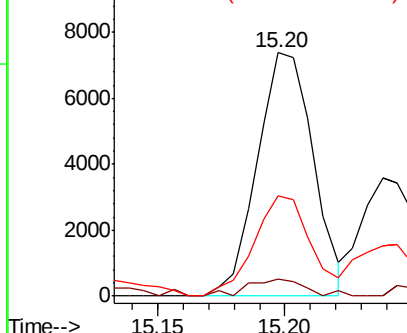


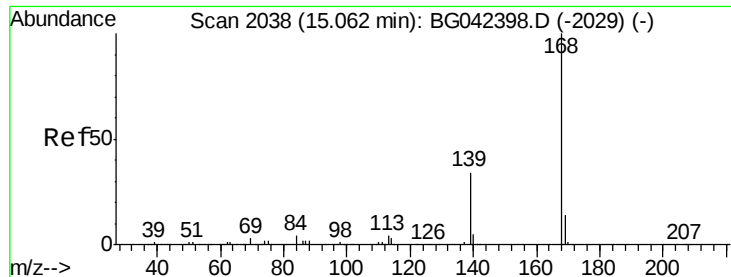
#54
2,4-Dinitrophenol
Concen: 10.661 ng
RT: 15.20 min Scan# 2061
Delta R.T. 0.42 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	6.8	31.7	47.5#
154	41.3	42.0	63.0#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 0.401 ng

RT: 15.06 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

Instrument :

BNA_G

ClientSampleId :

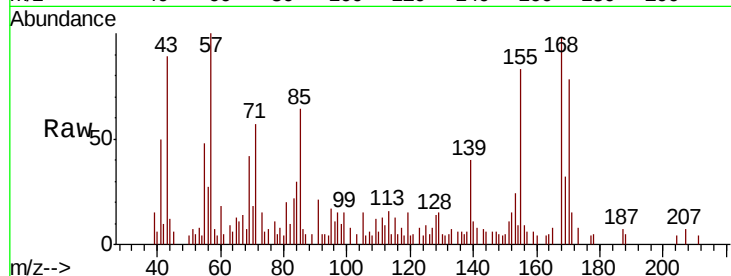
Tot Ion:168 Resp: 7166

Ion Ratio Lower Upper

168 100

139 40.3 27.2 40.8

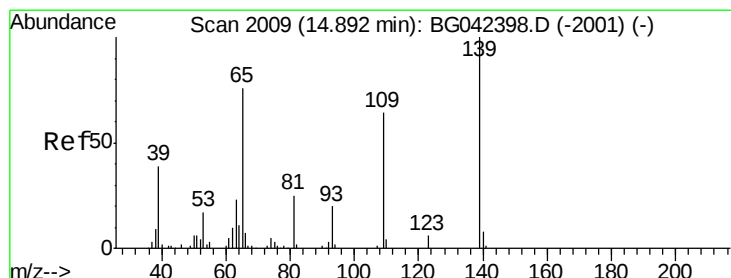
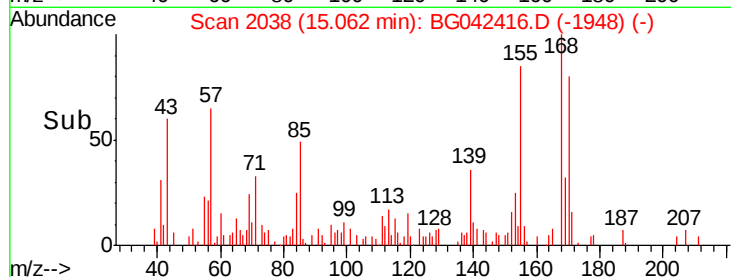
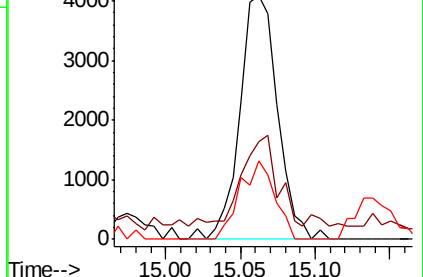
169 32.2 11.5 17.3#



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: 0.535 ng

RT: 15.20 min Scan# 2061

Delta R.T. 0.31 min

Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

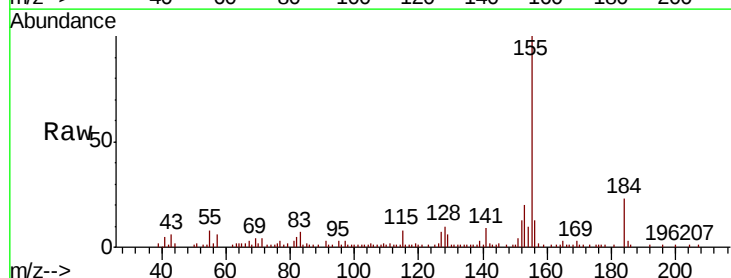
Tgt Ion:139 Resp: 1348

Ion Ratio Lower Upper

139 100

109 61.7 43.9 83.9

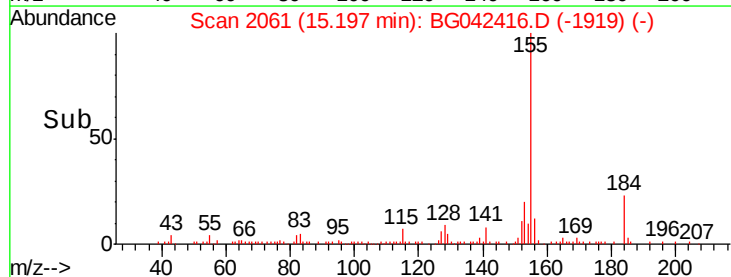
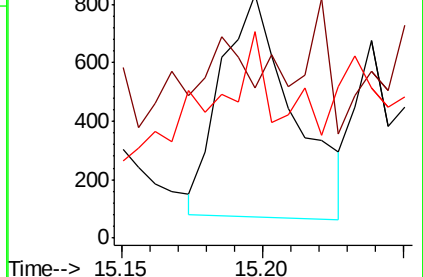
65 84.8 56.3 96.3

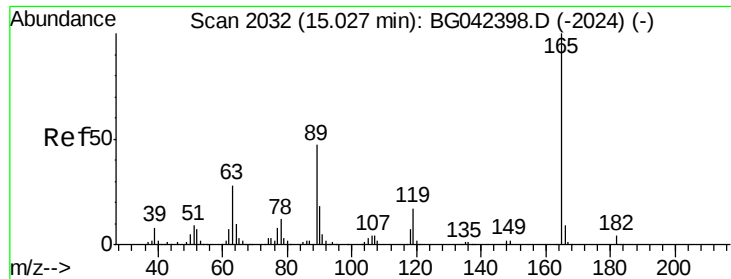


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

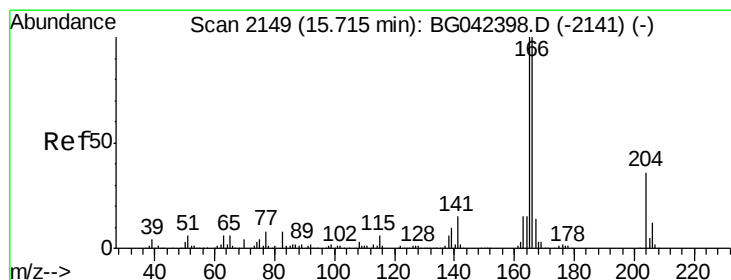
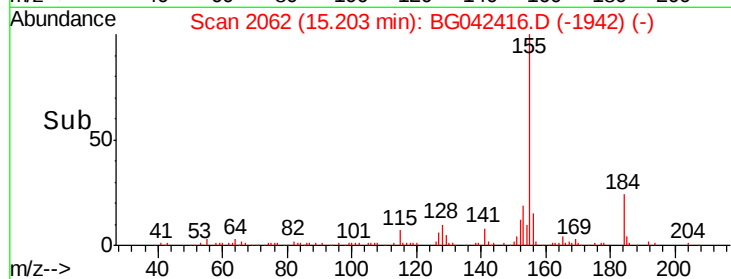
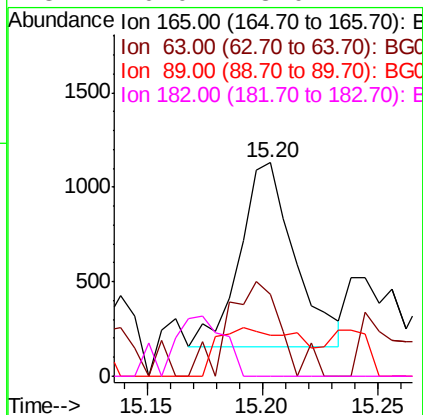
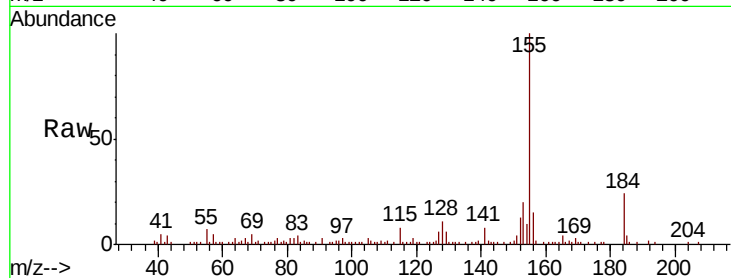




#57
 2,4-Dinitrotoluene
 Concen: 0.320 ng
 RT: 15.20 min Scan# 2062
 Delta R.T. 0.18 min
 Lab File: BG042416.D
 Acq: 23 Aug 2019 00:45

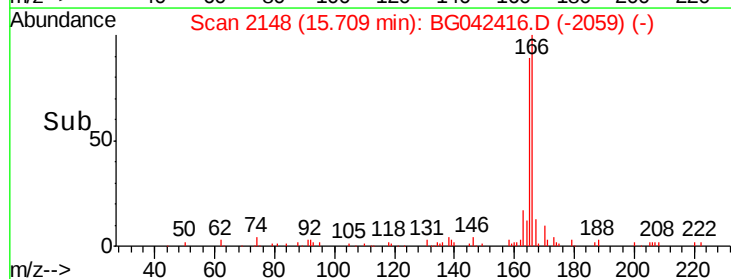
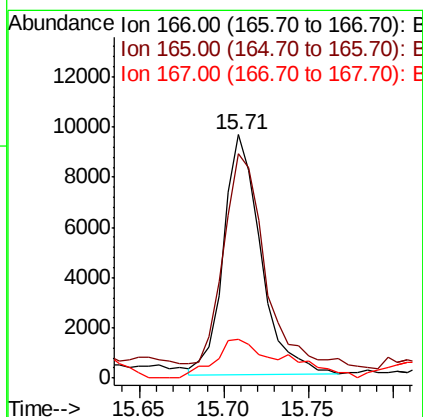
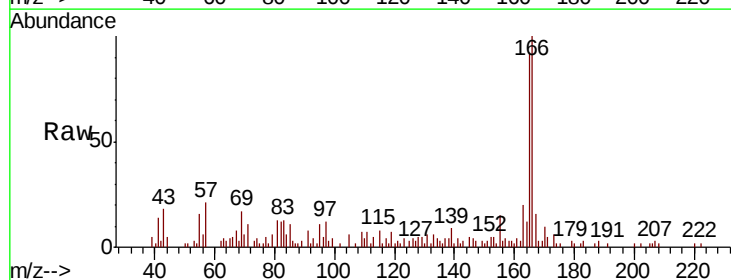
Instrument :
 BNA_G
 ClientSampleId :

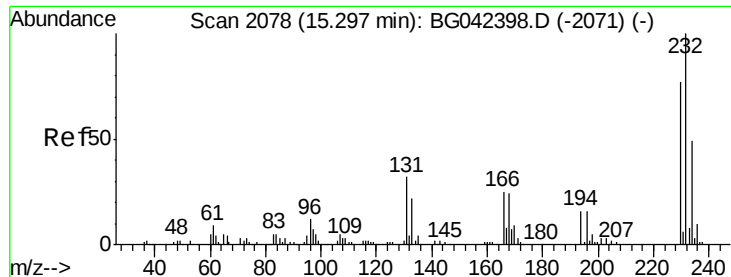
Tot Ion:165 Resp: 1626
 Ion Ratio Lower Upper
 165 100
 63 38.5 22.5 33.7#
 89 18.9 37.8 56.6#
 182 0.0 3.0 4.4#



#58
 Fluorene
 Concen: 1.012 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG042416.D
 Acq: 23 Aug 2019 00:45

Tgt Ion:166 Resp: 14781
 Ion Ratio Lower Upper
 166 100
 165 91.9 79.7 119.5
 167 15.9 10.9 16.3

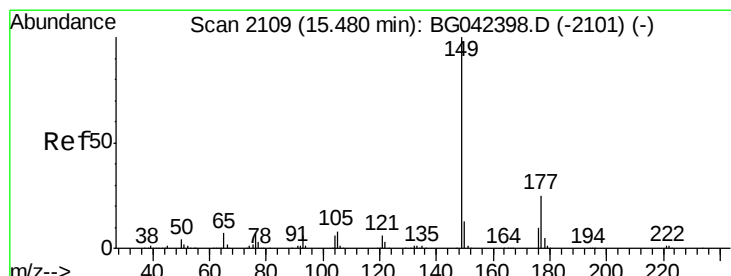
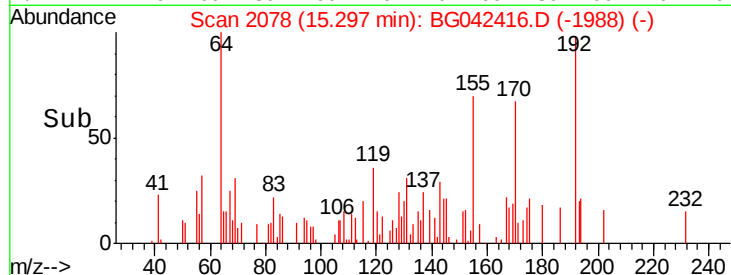
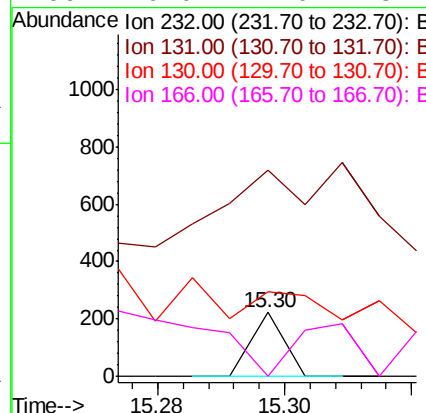
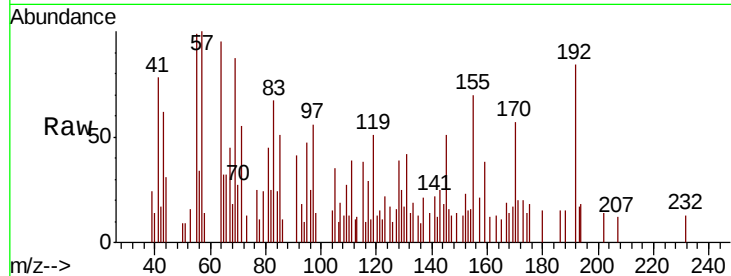




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 0.017 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.00 min
 Lab File: BG042416.D
 Acq: 23 Aug 2019 00:45

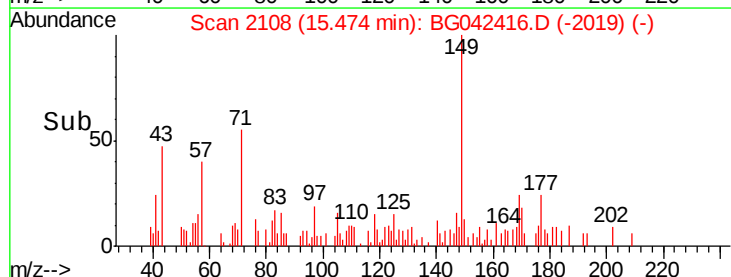
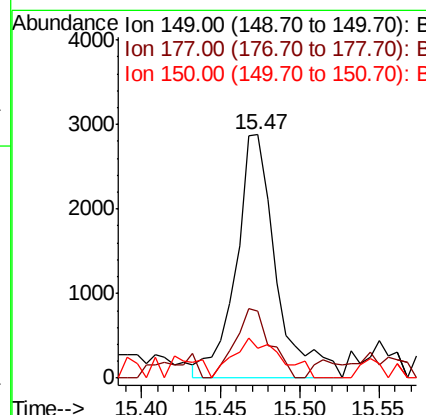
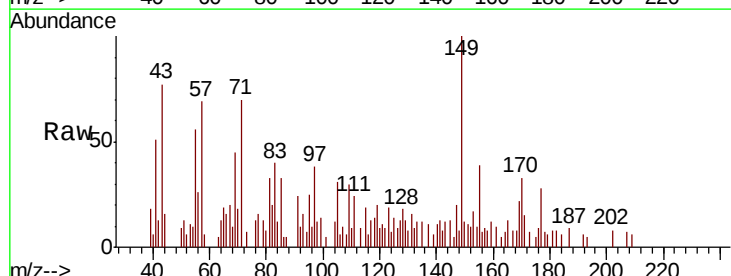
Instrument :
 BNA_G
 ClientSampled :

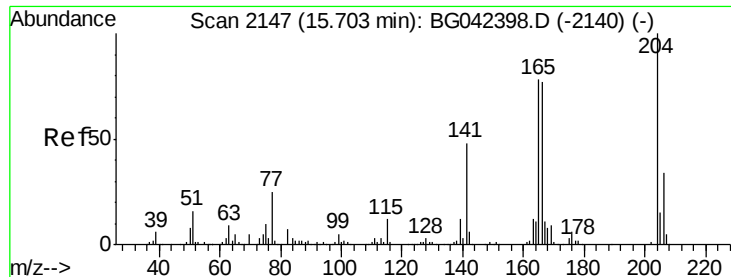
Tot Ion:232 Resp: 78
 Ion Ratio Lower Upper
 232 100
 131 1692.3 22.9 34.3#
 130 0.0 1.4 2.0#
 166 0.0 17.0 25.4#



#60
 Diethylphthalate
 Concen: 0.337 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BG042416.D
 Acq: 23 Aug 2019 00:45

Tgt Ion:149 Resp: 5032
 Ion Ratio Lower Upper
 149 100
 177 27.6 20.4 30.6
 150 12.2 10.3 15.5

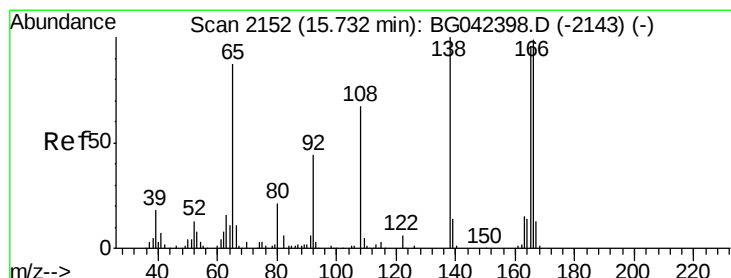
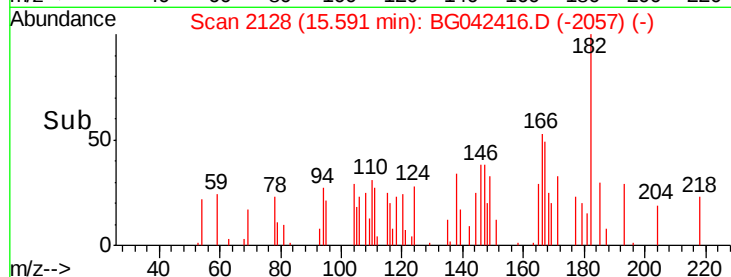
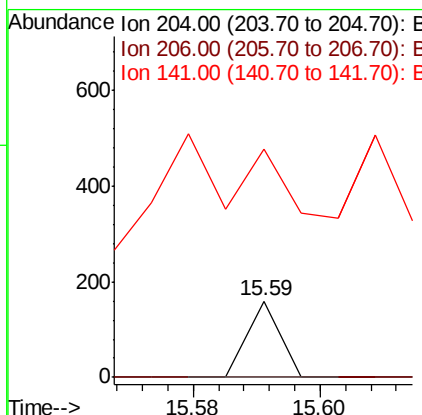
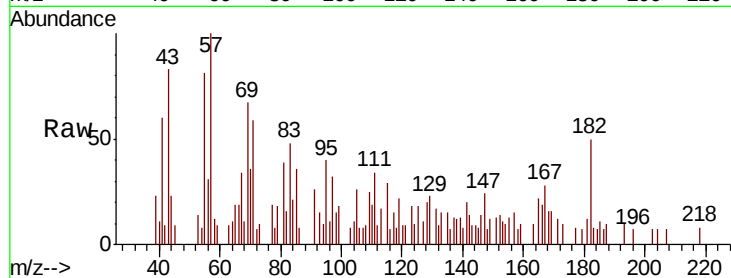




#61
4-Chlorophenyl-phenylether
Concen: 0.006 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.11 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

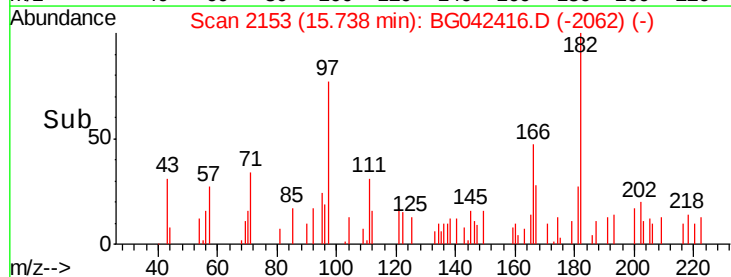
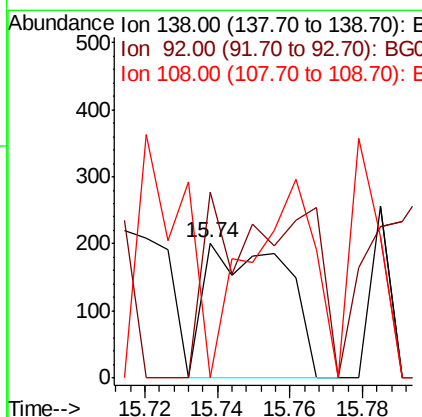
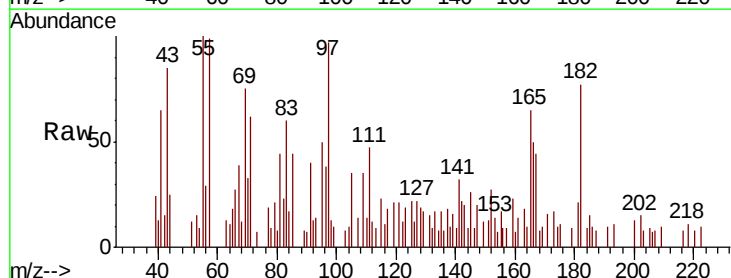
Instrument :
BNA_G
ClientSampled :

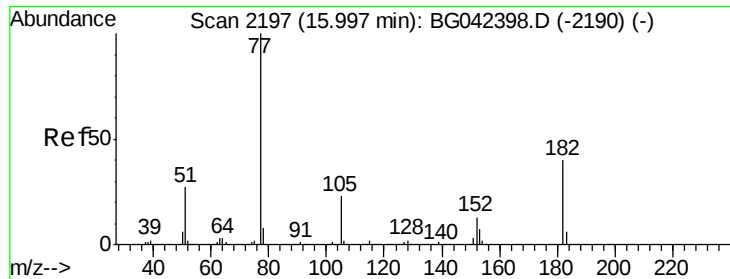
Tot Ion:204 Resp: 56
Ion Ratio Lower Upper
204 100
206 0.0 27.2 40.8#
141 298.1 38.7 58.1#



#62
4-Nitroaniline
Concen: 0.081 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.01 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion:138 Resp: 307
Ion Ratio Lower Upper
138 100
92 138.3 24.2 64.2#
108 0.0 46.8 86.8#





#63

Azobenzene

Concen: 0.101 ng

RT: 16.01 min Scan# 2199

Delta R.T. 0.01 min

Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 1032

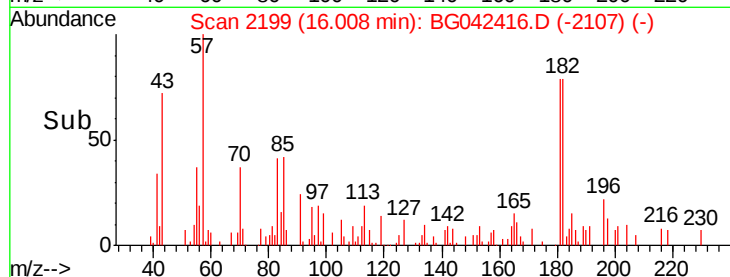
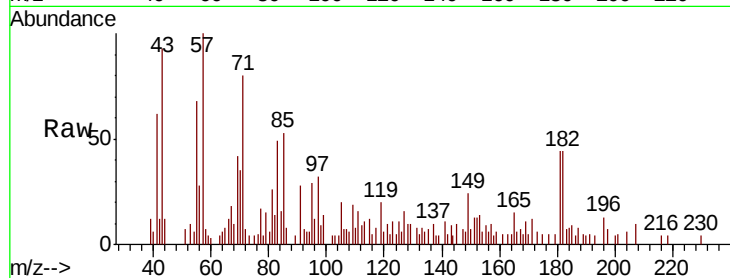
Ion Ratio Lower Upper

77 100

182 254.8 19.9 59.9#

105 117.5 2.9 42.9#

51 43.1 7.6 47.6

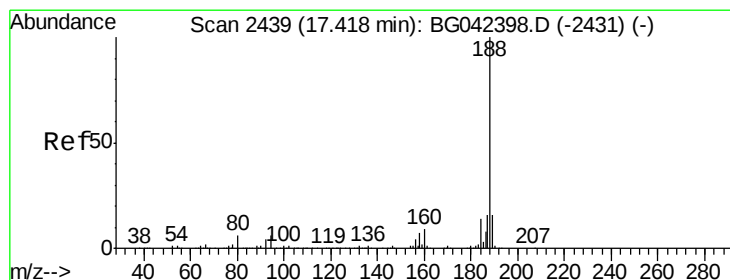
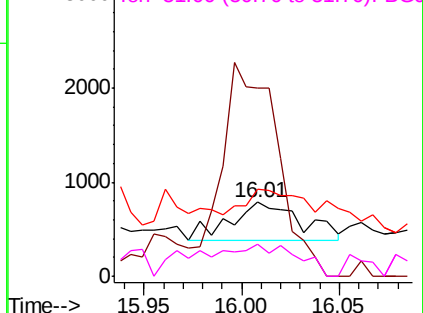


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

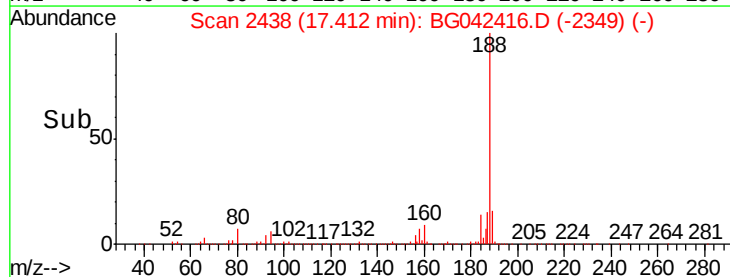
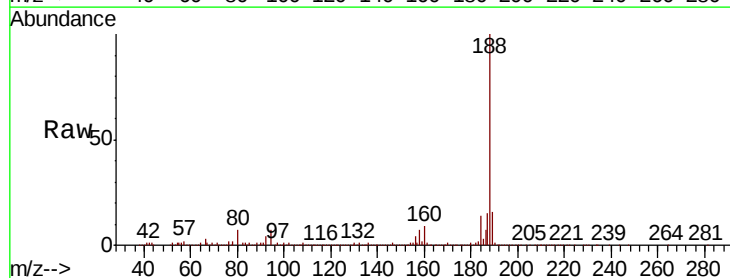
Tgt Ion: 188 Resp: 446467

Ion Ratio Lower Upper

188 100

94 6.5 4.5 6.7

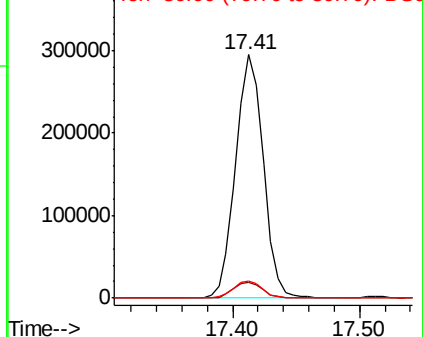
80 7.1 4.9 7.3

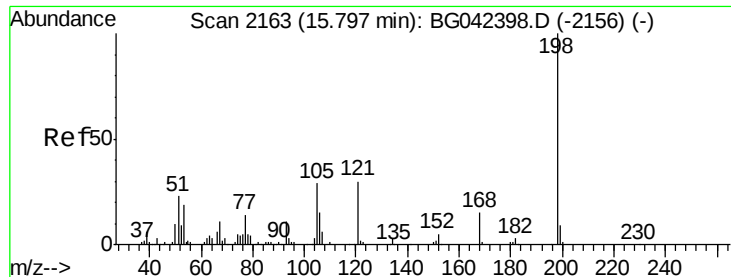


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 0.125 ng

RT: 15.80 min Scan# 2164

Delta R.T. 0.01 min

Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

Instrument :

BNA_G

ClientSampleId :

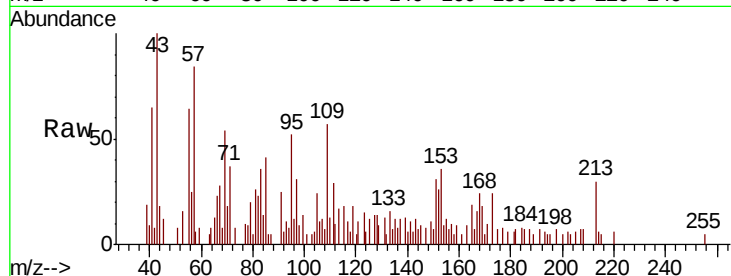
Tot Ion:198 Resp: 351

Ion Ratio Lower Upper

198 100

51 114.3 4.2 44.2#

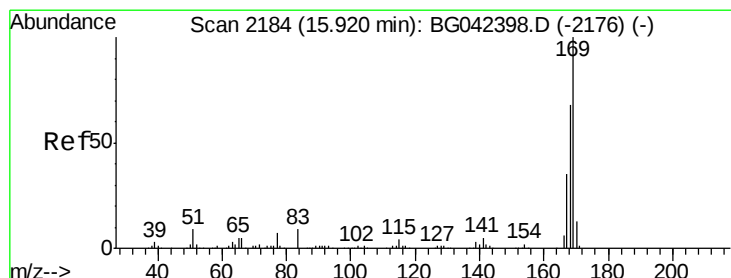
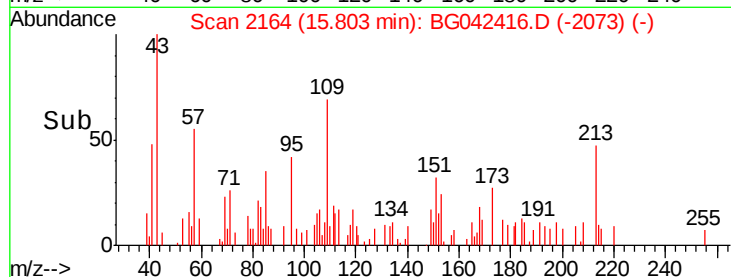
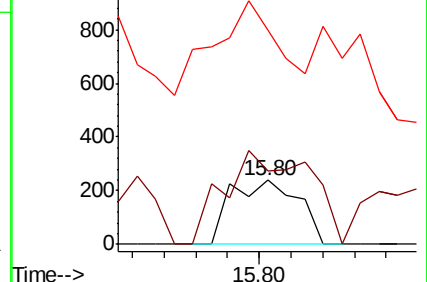
105 335.7 8.8 48.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG042398.D (-2156) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 0.320 ng

RT: 15.93 min Scan# 2185

Delta R.T. 0.01 min

Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

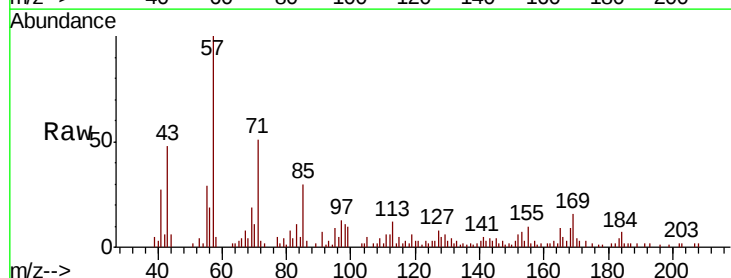
Tgt Ion:169 Resp: 3926

Ion Ratio Lower Upper

169 100

168 54.4 54.3 81.5

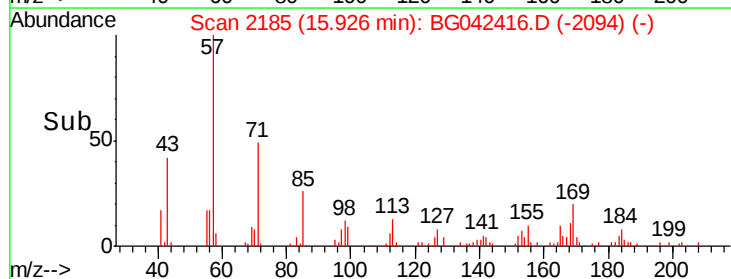
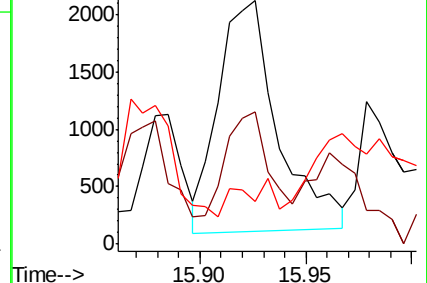
167 17.4 28.2 42.2#

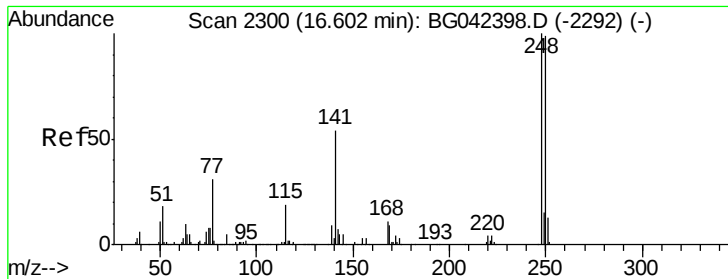


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 1.254 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.45 min

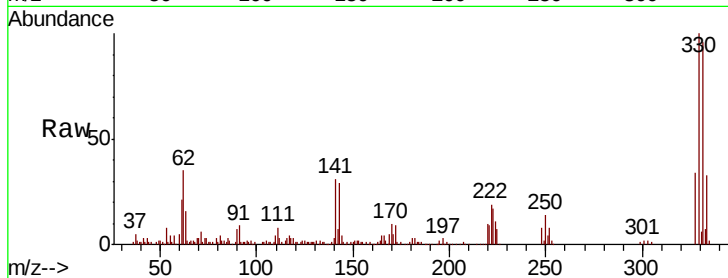
Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

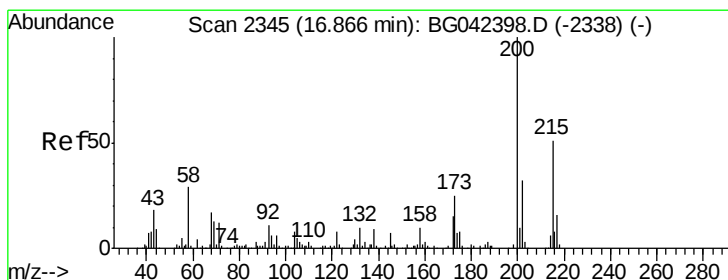
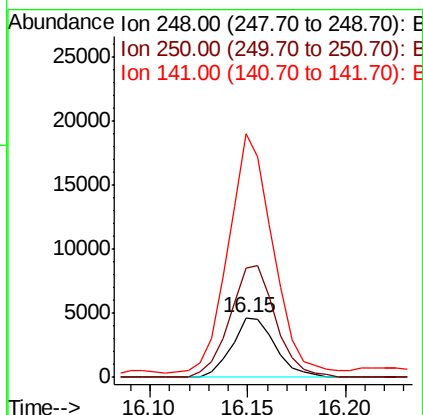
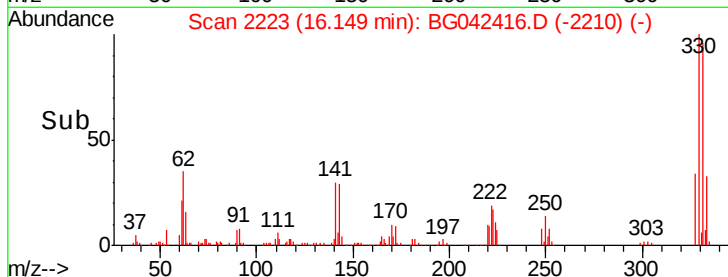
Instrument :

BNA_G

ClientSampled :



Tot Ion:	248	Resp:	7102
Ion	Ratio	Lower	Upper
248	100		
250	184.7	78.9	118.3#
141	410.6	43.3	64.9#



#69

Atrazine

Concen: 0.177 ng

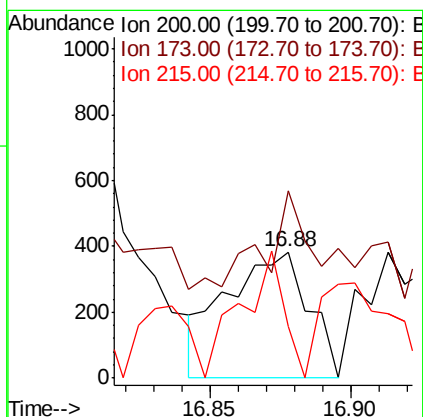
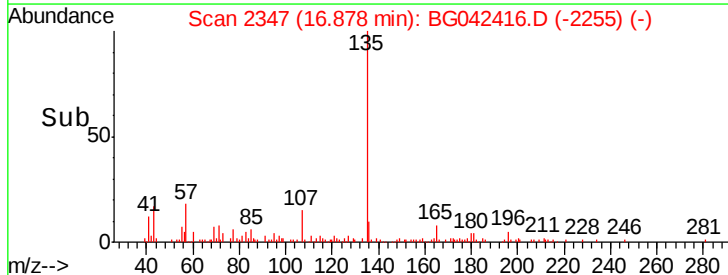
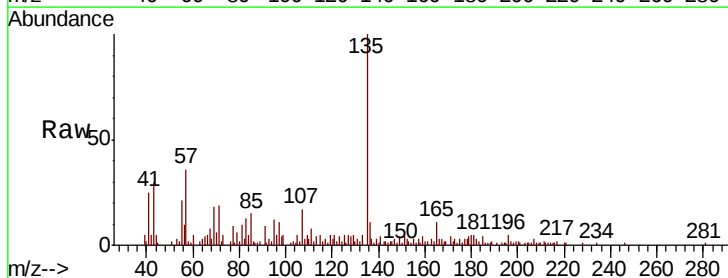
RT: 16.88 min Scan# 2347

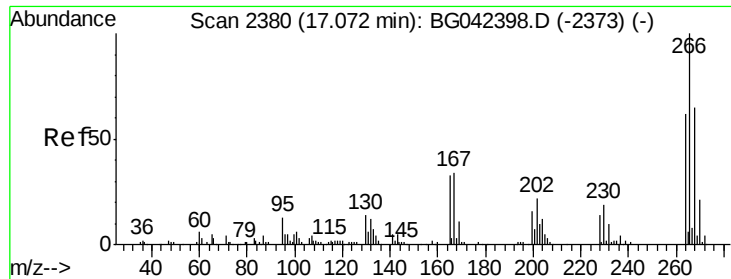
Delta R.T. 0.01 min

Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

Tgt Ion:	200	Resp:	769
Ion	Ratio	Lower	Upper
200	100		
173	147.9	4.9	44.9#
215	40.9	30.7	70.7

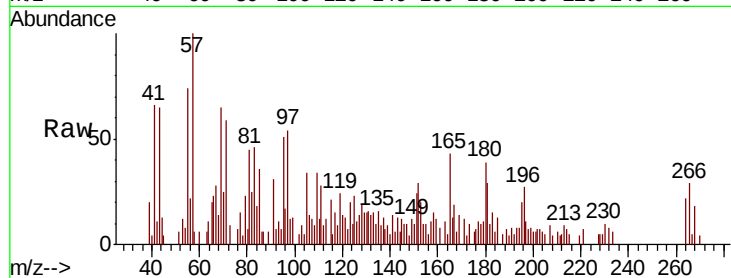




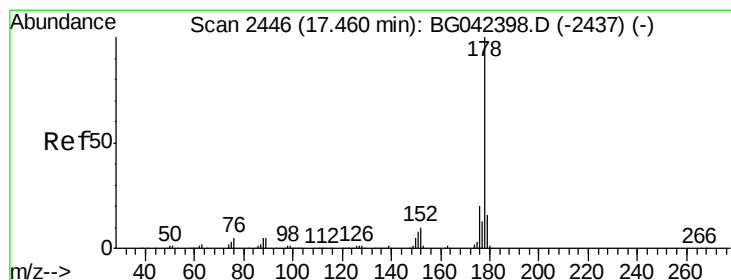
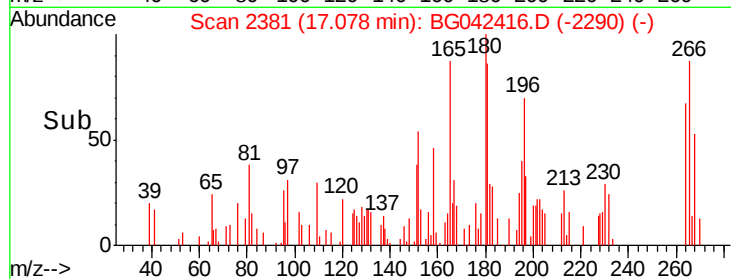
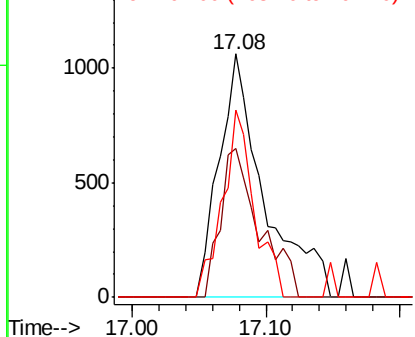
#70
 Pentachlorophenol
 Concen: 0.783 ng
 RT: 17.08 min Scan# 2381
 Delta R.T. 0.01 min
 Lab File: BG042416.D
 Acq: 23 Aug 2019 00:45

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:266 Resp: 2506
 Ion Ratio Lower Upper
 266 100
 268 61.1 52.1 78.1
 264 76.8 49.4 74.2#

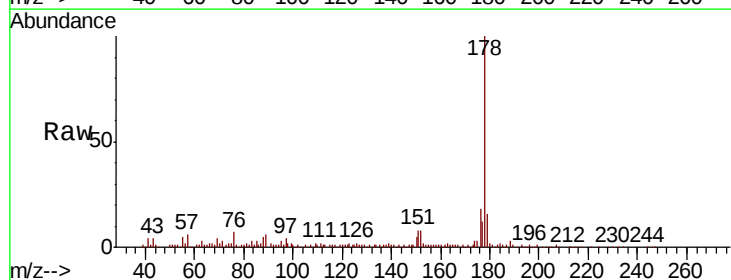


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

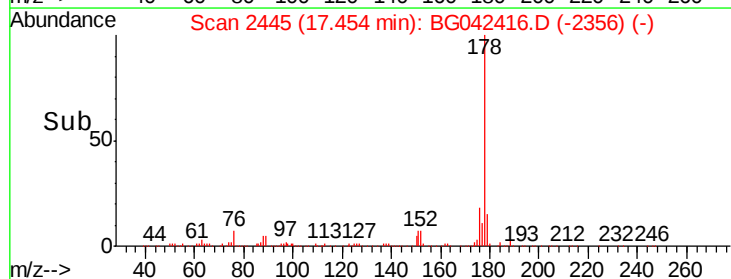
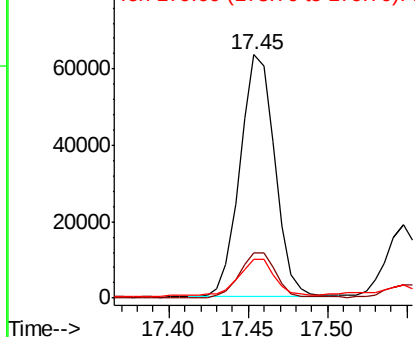


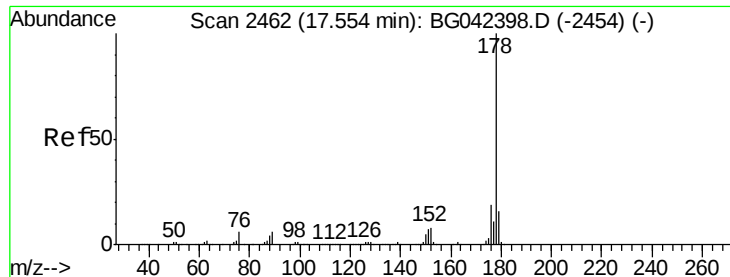
#71
 Phenanthrene
 Concen: 4.380 ng
 RT: 17.45 min Scan# 2445
 Delta R.T. -0.01 min
 Lab File: BG042416.D
 Acq: 23 Aug 2019 00:45

Tgt Ion:178 Resp: 97138
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.9 23.9
 179 16.0 12.7 19.1



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





#72

Anthracene

Concen: 1.232 ng

RT: 17.55 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

Instrument :

BNA_G

ClientSampled :

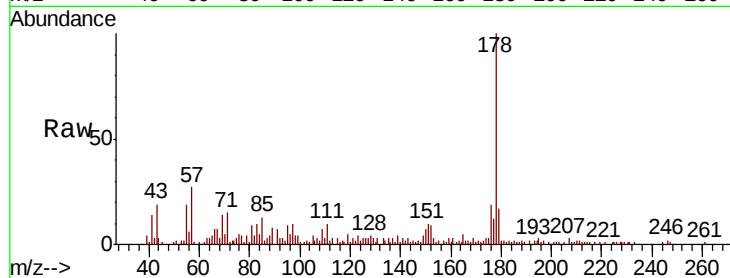
Tot Ion:178 Resp: 27283

Ion Ratio Lower Upper

178 100

176 18.7 15.5 23.3

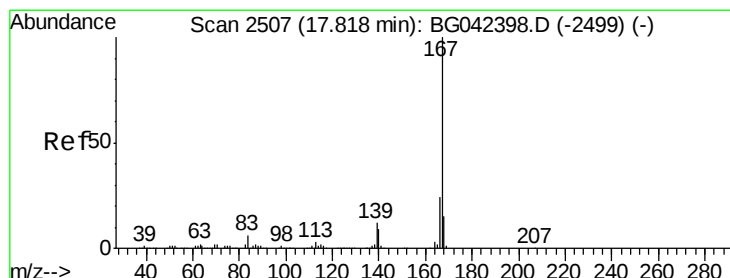
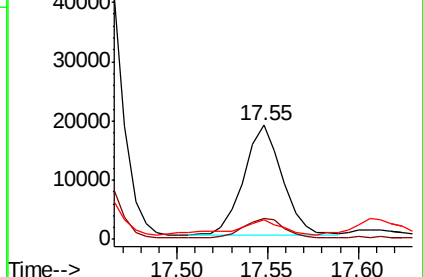
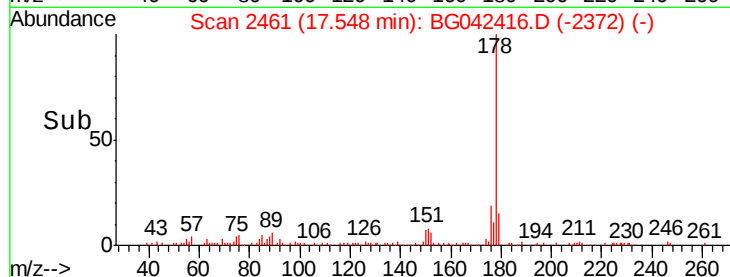
179 17.4 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 0.242 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

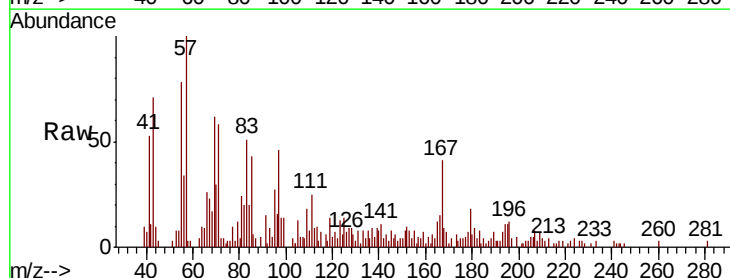
Tgt Ion:167 Resp: 4783

Ion Ratio Lower Upper

167 100

166 35.0 18.9 28.3#

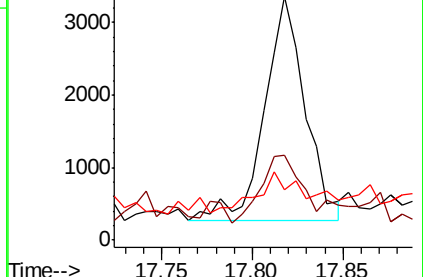
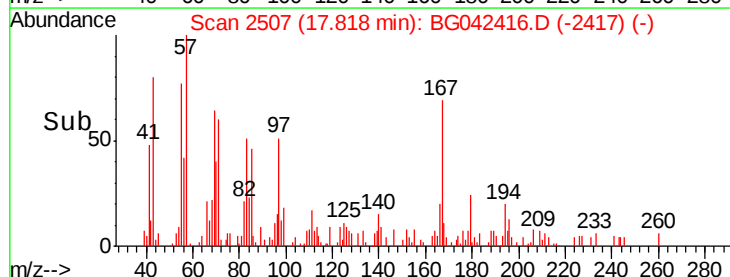
139 20.6 9.8 14.6#

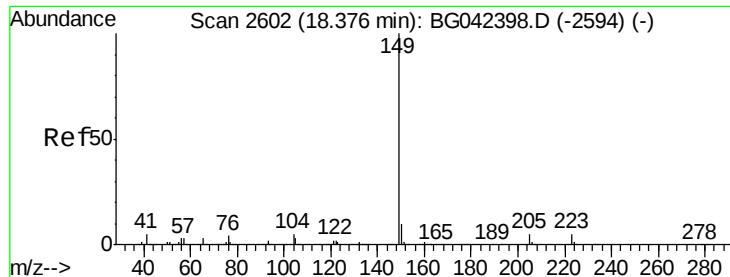


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 0.528 ng

RT: 18.38 min Scan# 2602

Delta R.T. -0.00 min

Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

Instrument :

BNA_G

ClientSampleId :

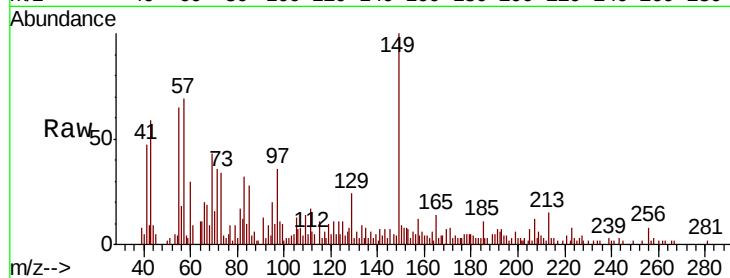
Tot Ion:149 Resp: 12305

Ion Ratio Lower Upper

149 100

150 9.0 8.1 12.1

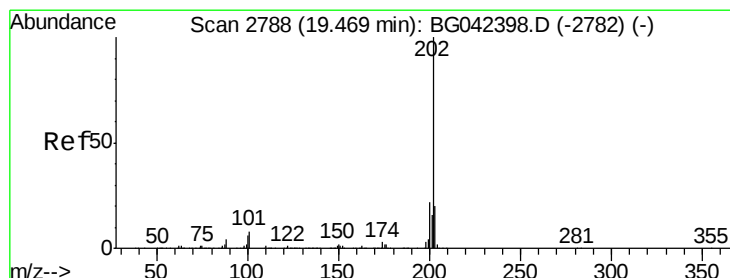
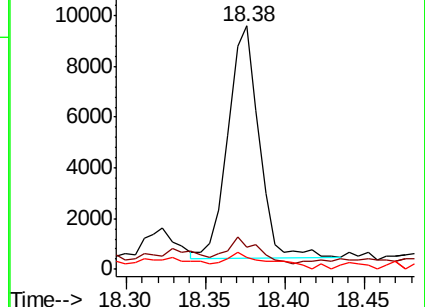
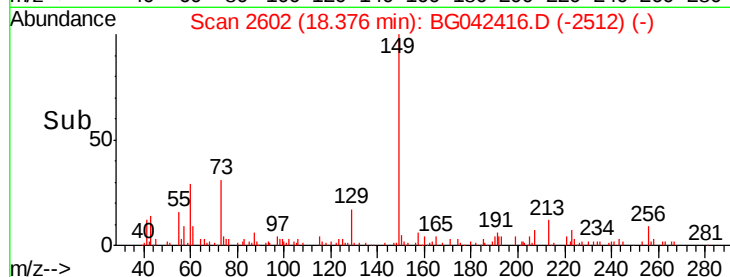
104 4.7 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 4.038 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

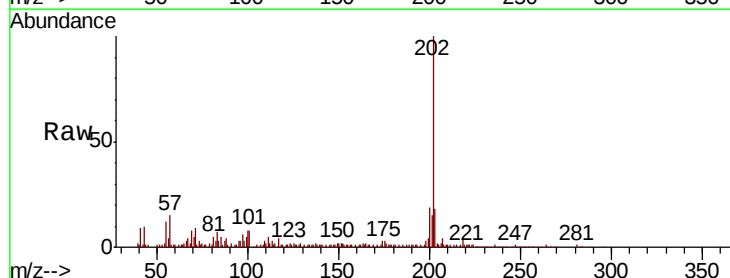
Tgt Ion:202 Resp: 109278

Ion Ratio Lower Upper

202 100

101 8.3 0.0 28.3

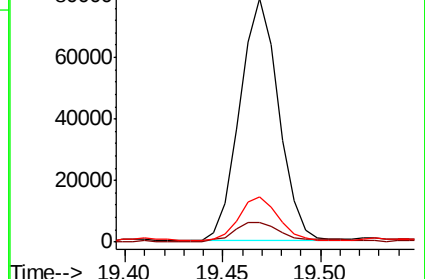
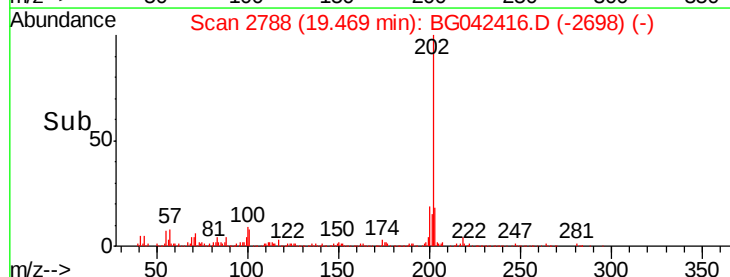
203 18.4 0.0 39.6

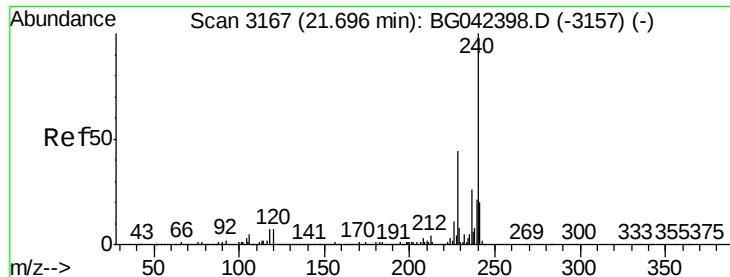


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

Instrument :

BNA_G

ClientSampleId :

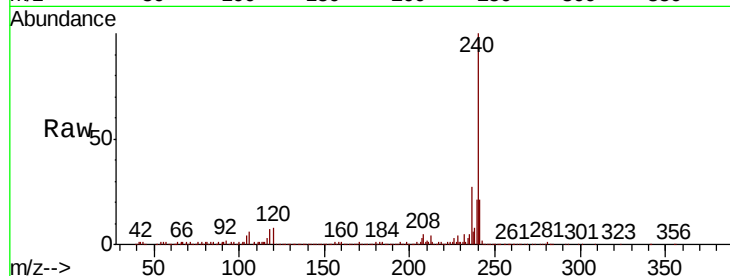
Tot Ion:240 Resp: 458757

Ion Ratio Lower Upper

240 100

120 8.0 5.7 8.5

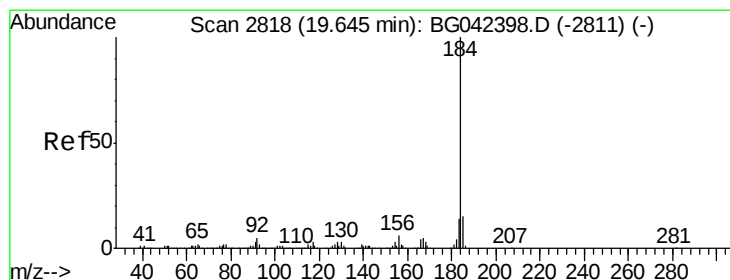
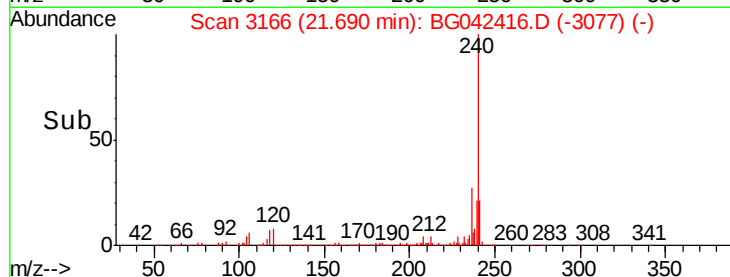
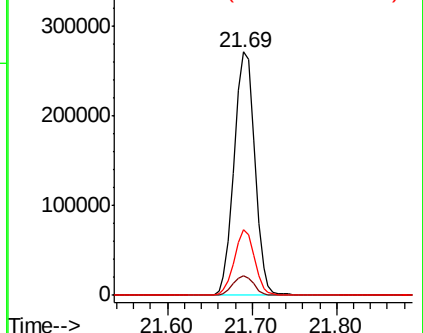
236 27.1 21.0 31.4



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: 0.147 ng

RT: 19.66 min Scan# 2820

Delta R.T. 0.01 min

Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

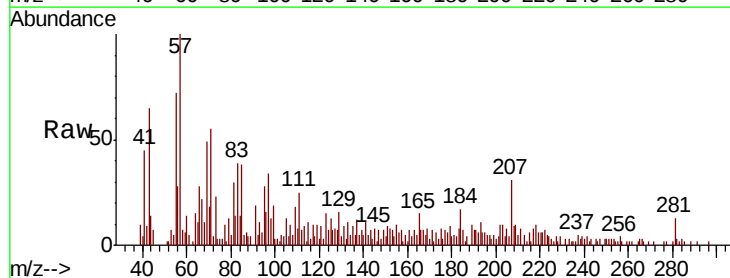
Tgt Ion:184 Resp: 1933

Ion Ratio Lower Upper

184 100

185 43.1 12.2 18.4#

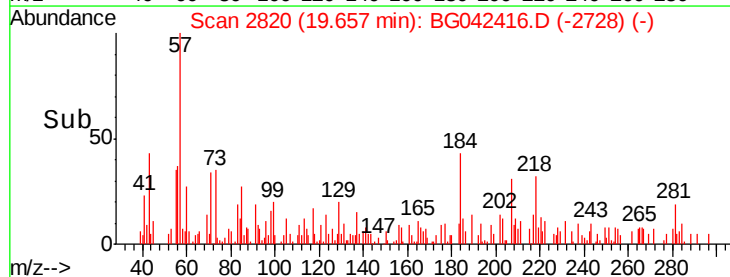
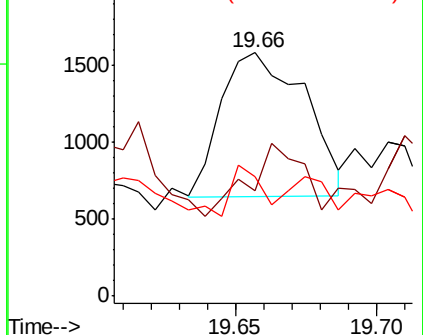
183 48.9 10.8 16.2#

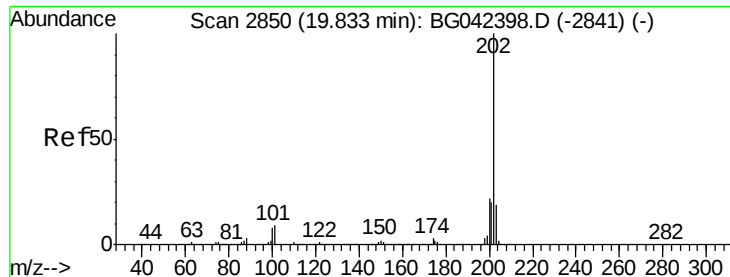


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Pvrene

Concen: 4.932 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

Instrument :

BNA_G

ClientSampleId :

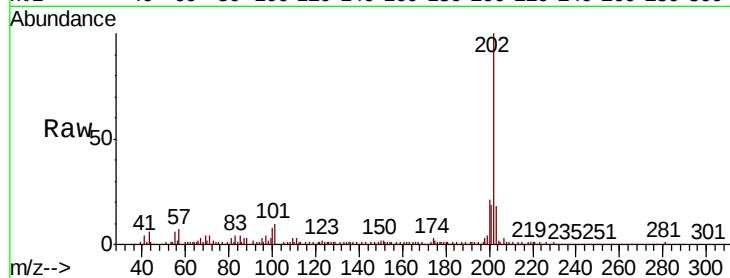
Tot Ion:202 Resp: 138725

Ion Ratio Lower Upper

202 100

200 21.0 17.8 26.6

203 18.4 15.5 23.3

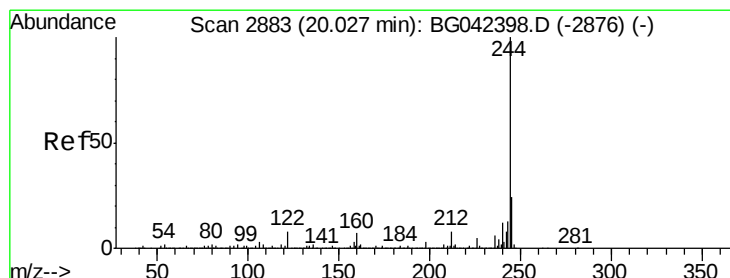
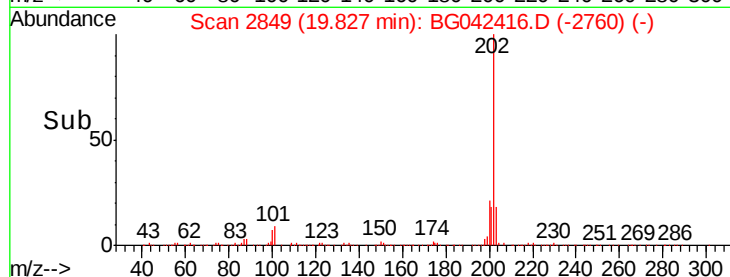
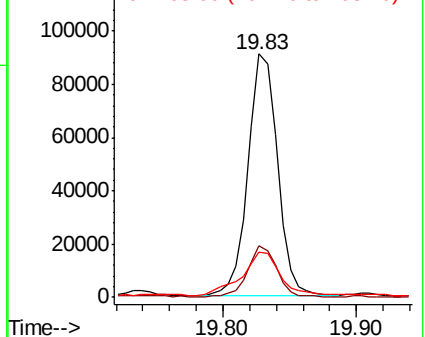


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 40.832 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

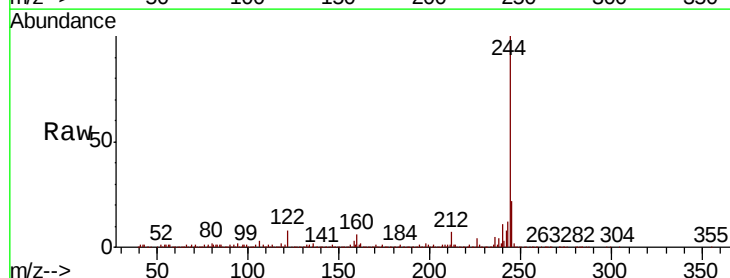
Tgt Ion:244 Resp: 866459

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 8.2 6.7 10.1

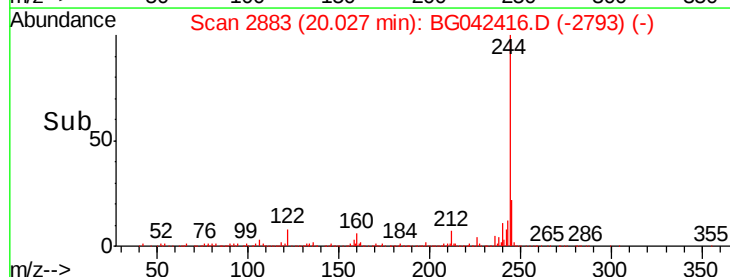
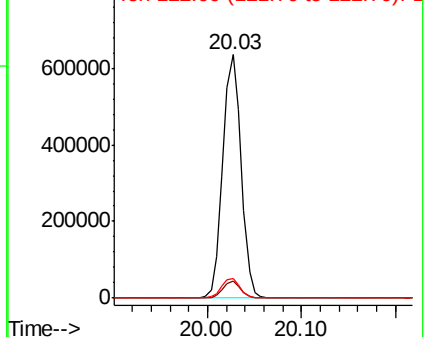


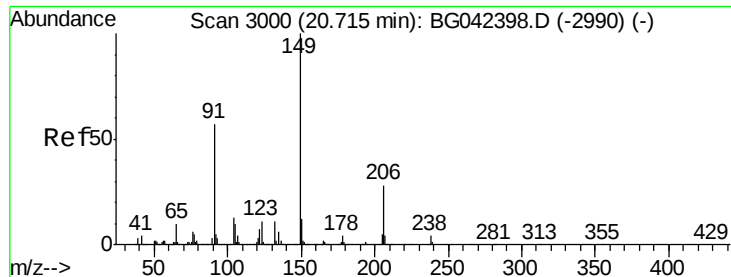
Abundance

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

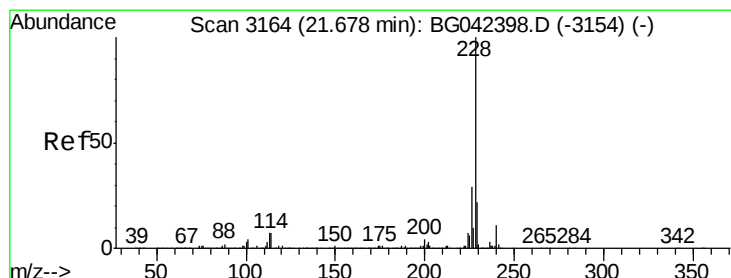
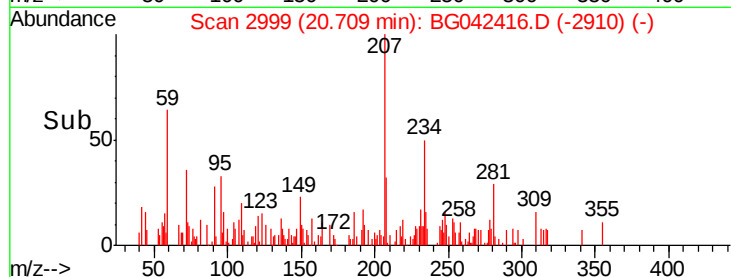
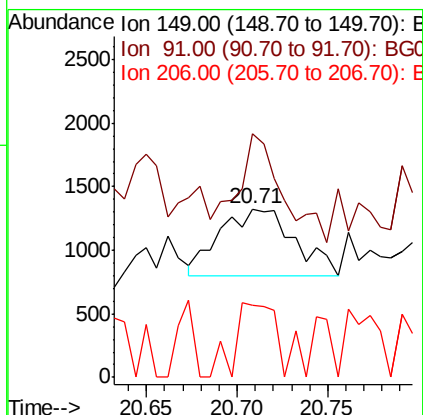
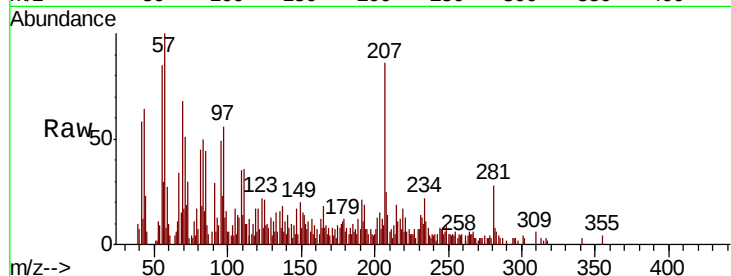




#80
Butylbenzylphthalate
Concen: 0.136 ng
RT: 20.71 min Scan# 2999
Delta R.T. -0.01 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

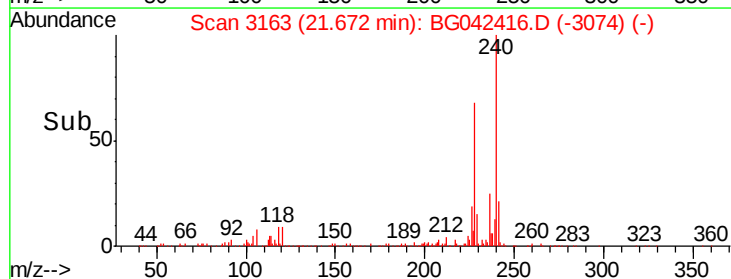
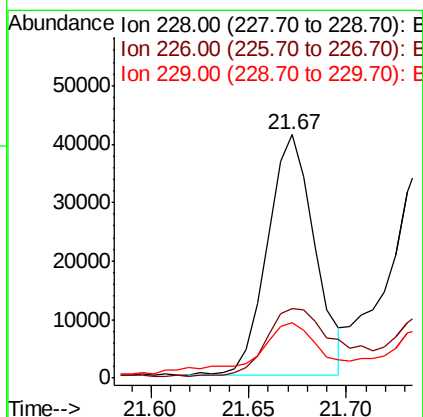
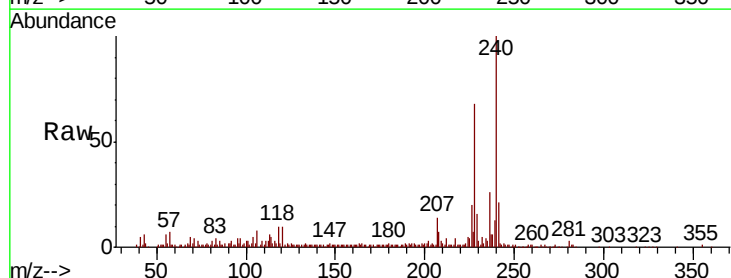
Instrument :
BNA_G
ClientSampleId :

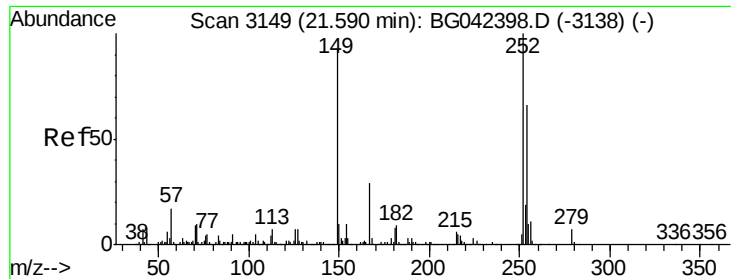
Tot Ion:149 Resp: 1510
Ion Ratio Lower Upper
149 100
91 144.5 45.9 68.9#
206 42.6 22.5 33.7#



#81
Benzo(a)anthracene
Concen: 2.476 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion:228 Resp: 69086
Ion Ratio Lower Upper
228 100
226 28.8 23.4 35.2
229 22.7 17.4 26.2

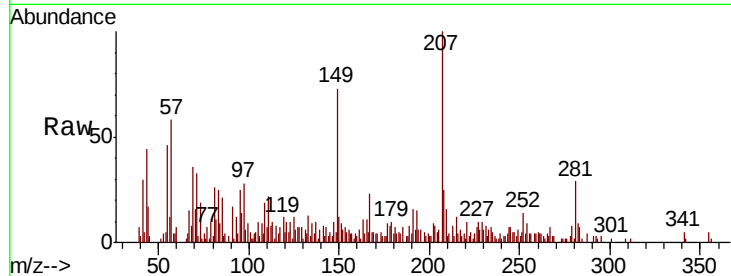




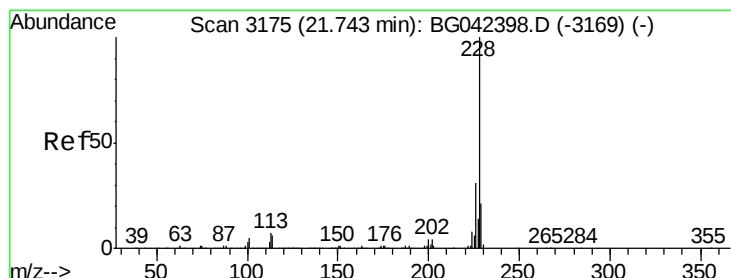
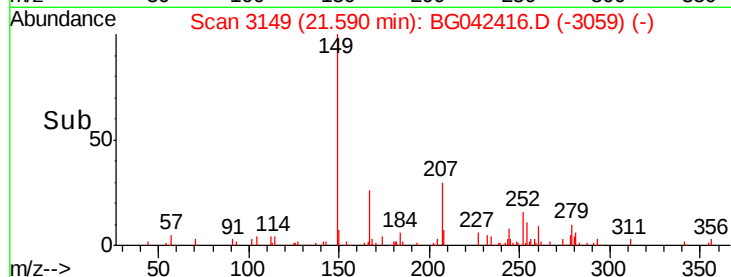
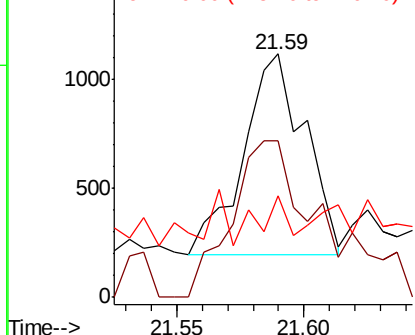
#82
 3,3'-Dichlorobenzidine
 Concen: 0.139 ng
 RT: 21.59 min Scan# 3149
 Delta R.T. -0.00 min
 Lab File: BG042416.D
 Acq: 23 Aug 2019 00:45

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:252 Resp: 1561
 Ion Ratio Lower Upper
 252 100
 254 64.5 53.0 79.4
 126 41.7 5.7 8.5#

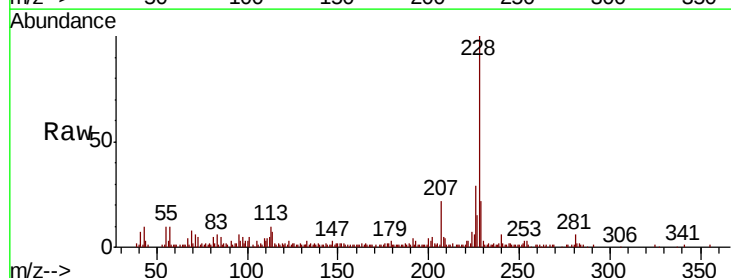


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

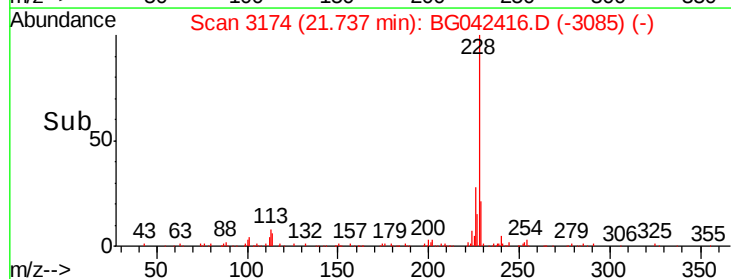
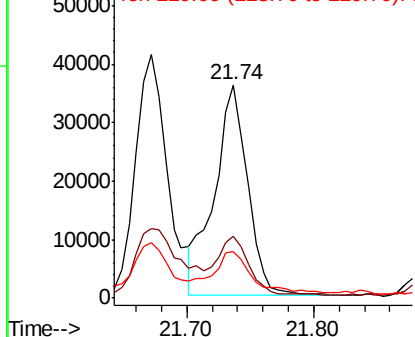


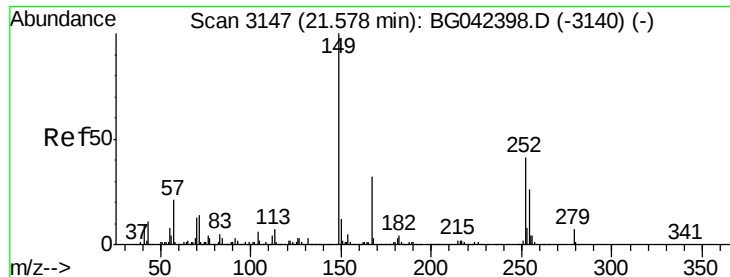
#83
 Chrysene
 Concen: 2.453 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.01 min
 Lab File: BG042416.D
 Acq: 23 Aug 2019 00:45

Tgt Ion:228 Resp: 66028
 Ion Ratio Lower Upper
 228 100
 226 28.8 24.9 37.3
 229 22.0 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.446 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

Instrument :

BNA_G

ClientSampleId :

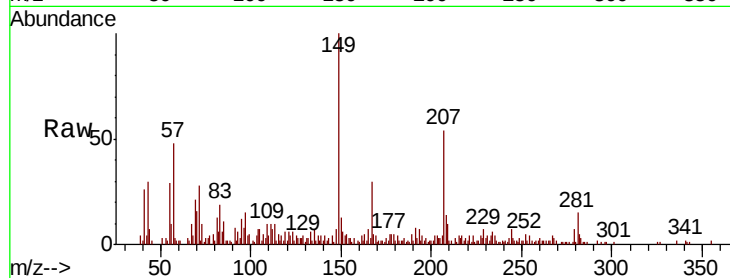
Tot Ion:149 Resp: 22205

Ion Ratio Lower Upper

149 100

167 30.0 26.0 39.0

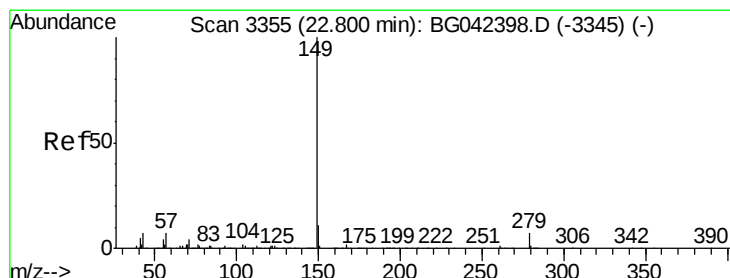
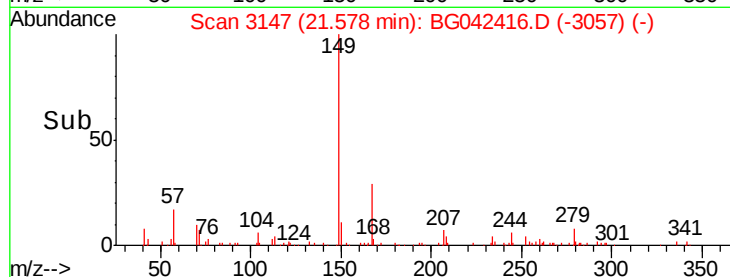
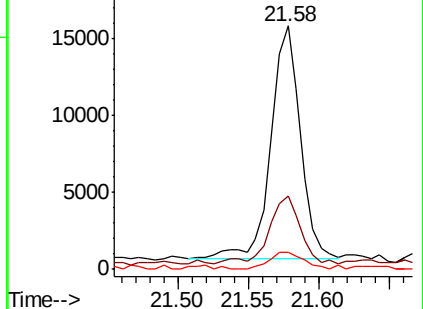
279 7.3 5.4 8.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 0.049 ng

RT: 22.79 min Scan# 3354

Delta R.T. -0.01 min

Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

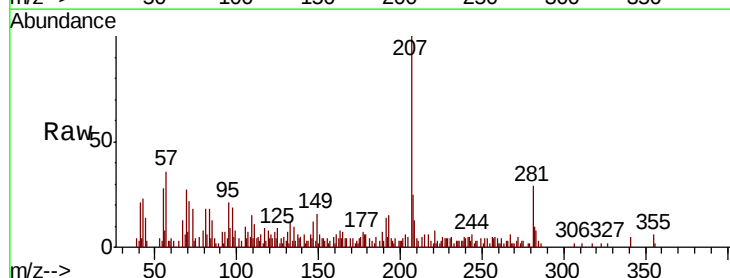
Tgt Ion:149 Resp: 1283

Ion Ratio Lower Upper

149 100

167 13.7 1.6 2.4#

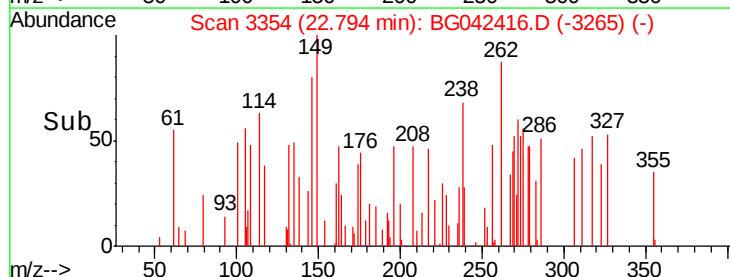
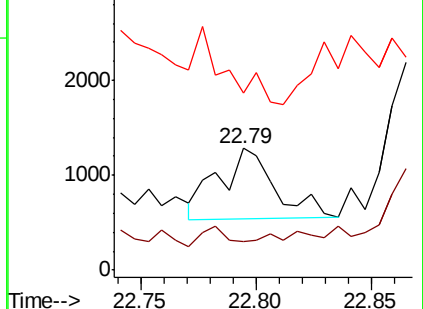
43 0.0 5.3 7.9#

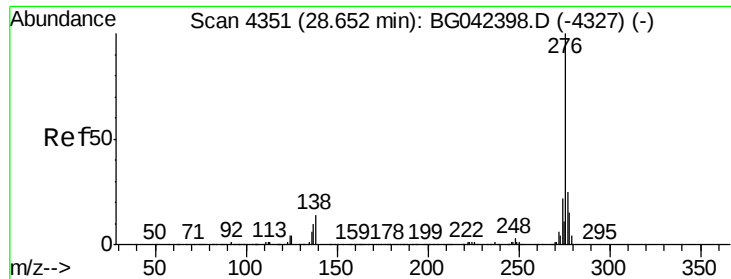


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#86

Indeno(1,2,3-cd)pyrene

Concen: 1.859 ng

RT: 28.63 min Scan# 4347

Delta R.T. -0.02 min

Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

Instrument :

BNA_G

ClientSampleId :

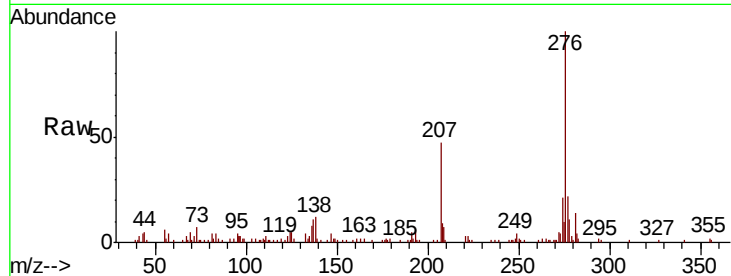
Tot Ion:276 Resp: 68002

Ion Ratio Lower Upper

276 100

138 0.0 9.2 13.8#

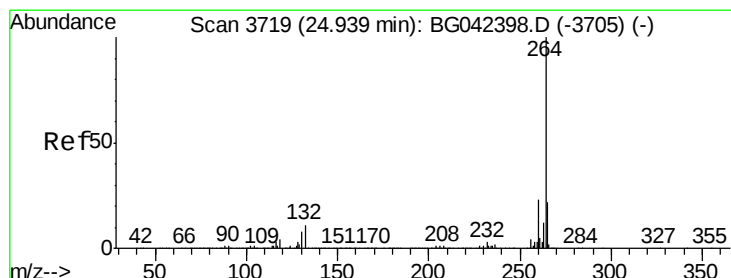
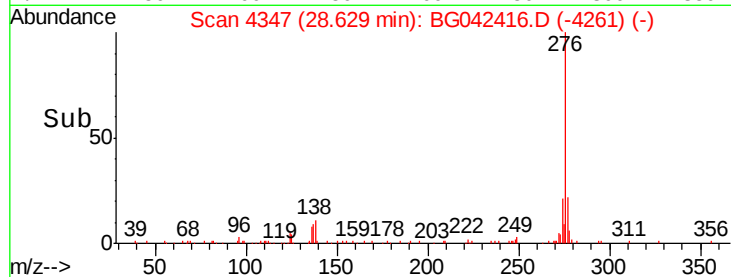
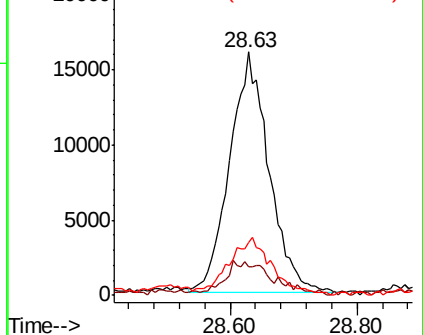
277 26.9 21.0 31.6



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

Perylene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

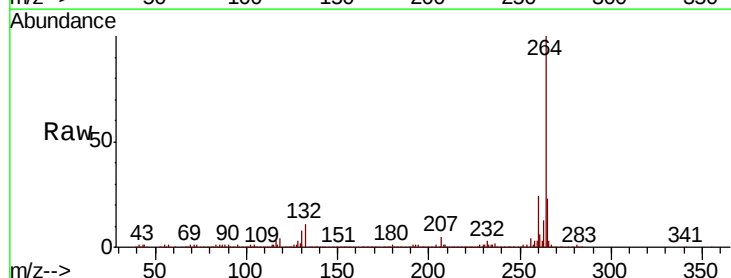
Tgt Ion:264 Resp: 495564

Ion Ratio Lower Upper

264 100

260 24.1 18.5 27.7

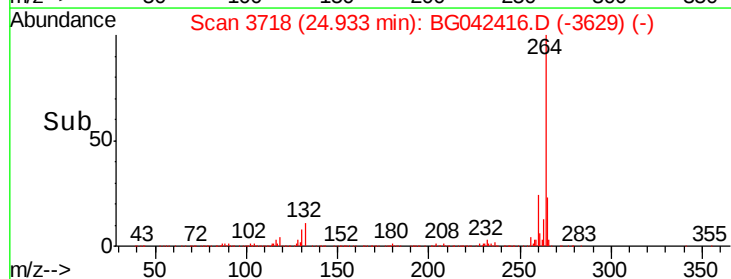
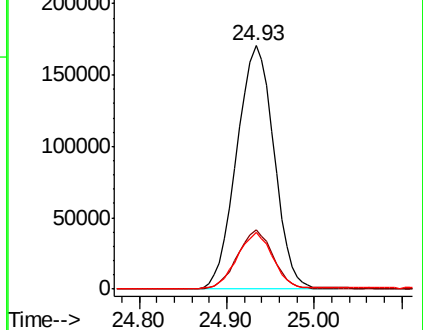
265 23.3 17.6 26.4

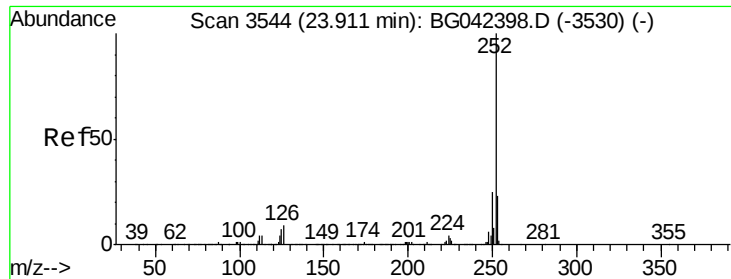


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

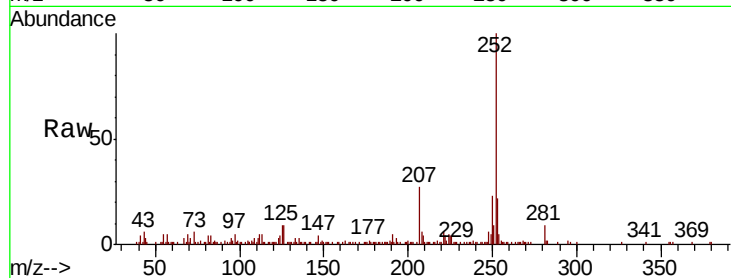




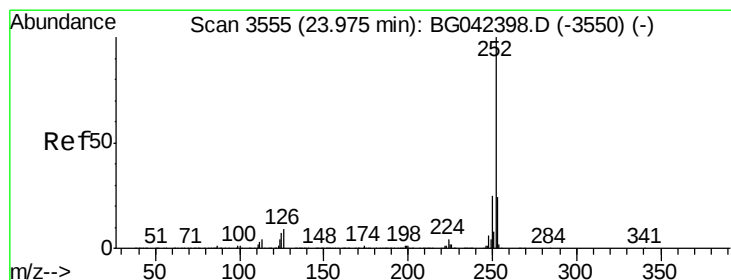
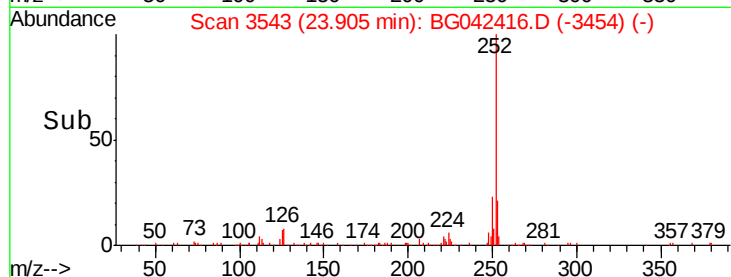
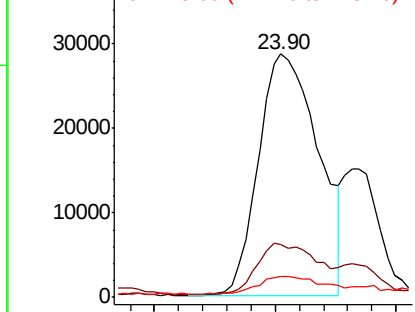
#88
Benzo(b)fluoranthene
Concen: 3.624 ng
RT: 23.90 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 98744
Ion Ratio Lower Upper
252 100
253 21.8 18.6 27.8
125 8.6 5.6 8.4#

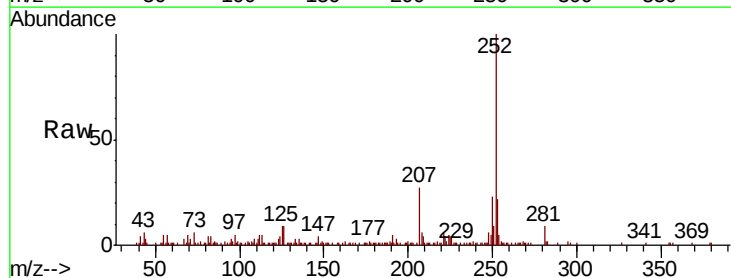


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

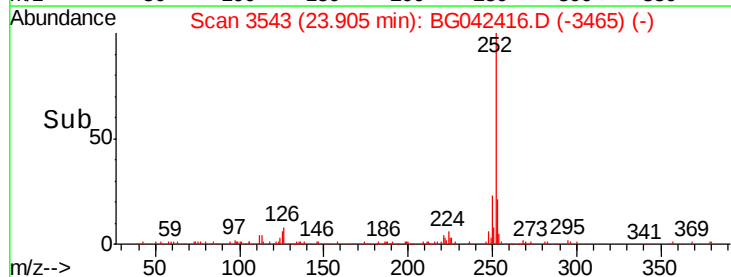
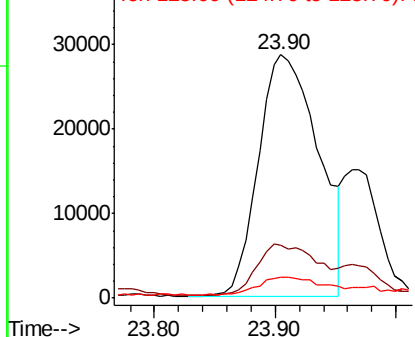


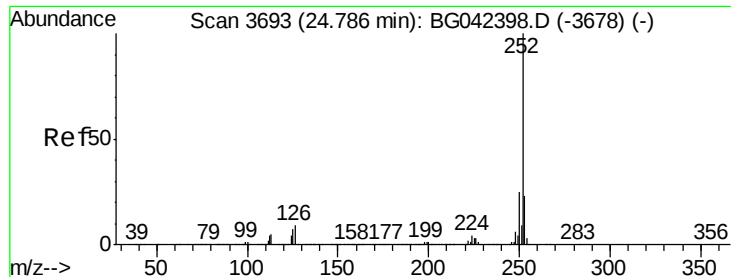
#89
Benzo(k)fluoranthene
Concen: 3.771 ng
RT: 23.90 min Scan# 3543
Delta R.T. -0.07 min
Lab File: BG042416.D
Acq: 23 Aug 2019 00:45

Tgt Ion:252 Resp: 98744
Ion Ratio Lower Upper
252 100
253 21.8 18.6 27.8
125 8.6 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: 3.566 ng

RT: 24.78 min Scan# 3692

Delta R.T. -0.01 min

Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

Instrument :

BNA_G

ClientSampleId :

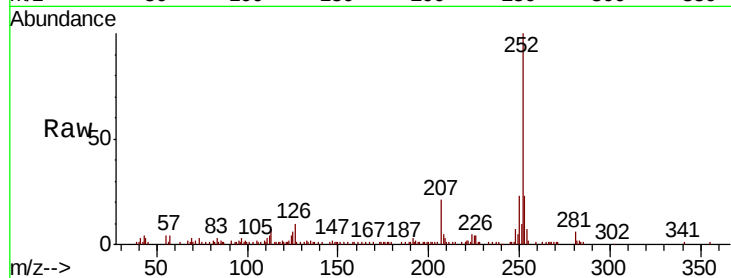
Tot Ion:252 Resp: 92198

Ion Ratio Lower Upper

252 100

253 22.5 18.4 27.6

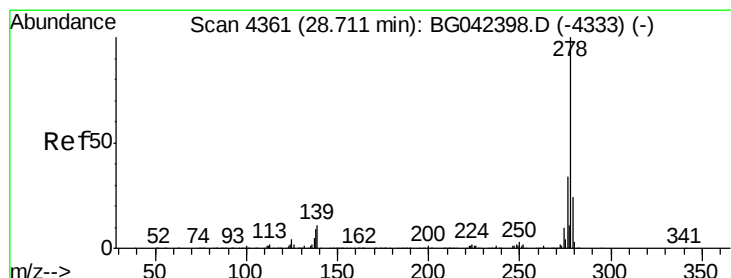
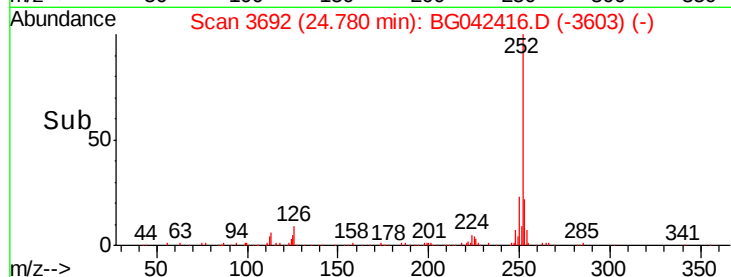
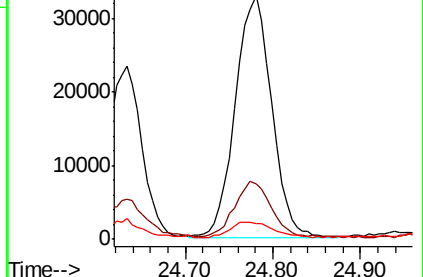
125 6.3 6.0 9.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 0.654 ng

RT: 28.68 min Scan# 4356

Delta R.T. -0.03 min

Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

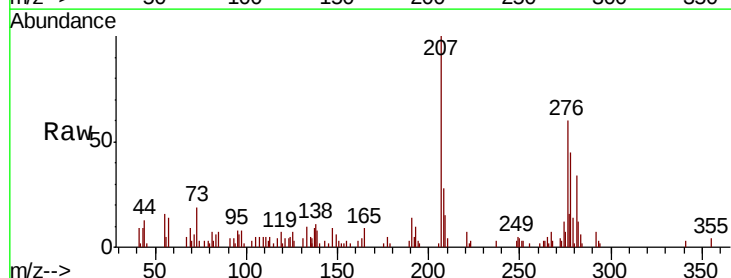
Tgt Ion:278 Resp: 17113

Ion Ratio Lower Upper

278 100

139 17.1 8.8 13.2#

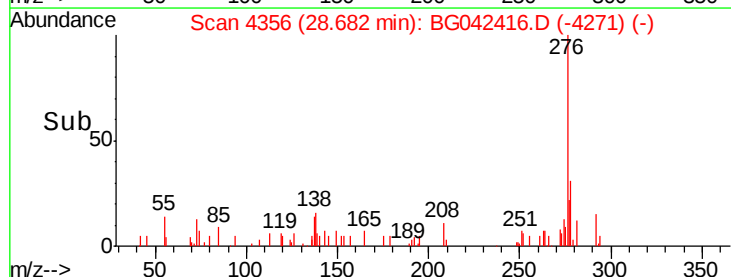
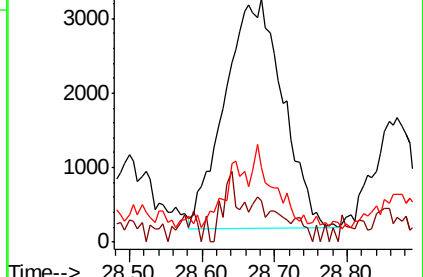
279 30.5 19.1 28.7#

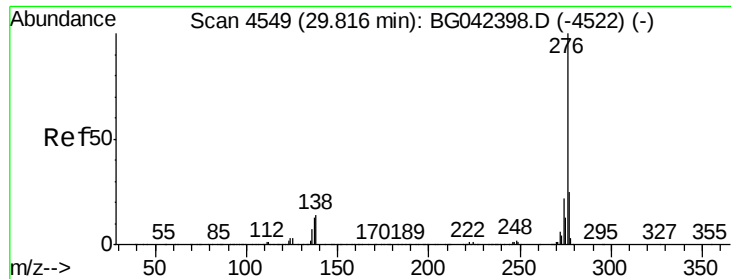


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 3.060 ng

RT: 29.79 min Scan# 4544

Delta R.T. -0.03 min

Lab File: BG042416.D

Acq: 23 Aug 2019 00:45

Instrument :

BNA_G

ClientSampleId :

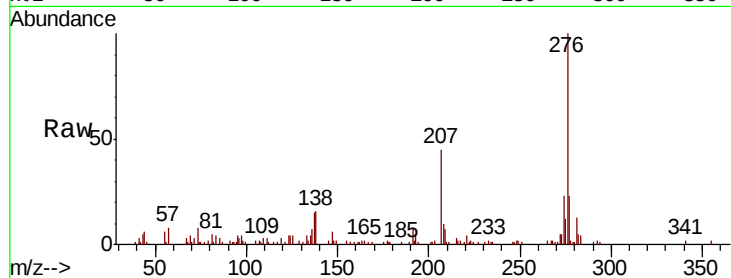
Tot Ion: 276 Resp: 80120

Ion Ratio Lower Upper

276 100

277 22.9 19.8 29.8

138 15.9 11.4 17.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

