

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
 Data File : BG042526.D
 Acq On : 28 Aug 2019 9:23
 Operator : HP/JU
 Sample : PB122598BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 28 15:13:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	36540	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	146457	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	109073	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	253939	20.00	ng	0.00
76) Chrysene-d12	21.69	240	277855	20.00	ng	0.00
87) Perylene-d12	24.92	264	327870	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	228901	126.87	ng	0.00
7) Phenol-d6	7.17	99	287301	117.89	ng	0.00
23) Nitrobenzene-d5	9.17	82	148246	69.95	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	174545	112.59	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	473764	73.46	ng	0.00
79) Terphenyl-d14	20.02	244	904333	70.36	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.41	88	32251	42.834 ng	98
3) Pyridine	3.82	79	69376	35.934 ng	99
4) n-Nitrosodimethylamine	3.74	42	30739	44.577 ng	93
6) Aniline	7.32	93	101129	31.112 ng	98
8) 2-Chlorophenol	7.57	128	102037	46.666 ng	99
9) Benzaldehyde	7.13	77	58863	48.245 ng	98
10) Phenol	7.19	94	112816	45.530 ng	92
11) bis(2-Chloroethyl)ether	7.42	93	81486	41.873 ng	99
12) 1,3-Dichlorobenzene	7.89	146	115824	41.640 ng	99
13) 1,4-Dichlorobenzene	8.03	146	119178	42.299 ng	97
14) 1,2-Dichlorobenzene	8.36	146	111805	41.437 ng	99
15) Benzyl Alcohol	8.24	79	75148	42.860 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	102345	38.803 ng	99
17) 2-Methylphenol	8.46	107	80974	44.368 ng	93
18) Hexachloroethane	9.09	117	39564	41.018 ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	62607	39.653 ng	97
20) 3+4-Methylphenols	8.78	107	109947	43.536 ng	98
22) Acetophenone	8.83	105	136680	43.633 ng	# 99
24) Nitrobenzene	9.21	77	93957	43.779 ng	99
25) Isophorone	9.74	82	172619	41.270 ng	98
26) 2-Nitrophenol	9.93	139	59491	44.234 ng	99
27) 2,4-Dimethylphenol	9.99	122	93818	50.640 ng	100
28) bis(2-Chloroethoxy)methane	10.22	93	108885	41.303 ng	98
29) 2,4-Dichlorophenol	10.47	162	112473	46.402 ng	98
30) 1,2,4-Trichlorobenzene	10.68	180	126021	42.357 ng	98
31) Naphthalene	10.87	128	292922	43.079 ng	98
32) Benzoic acid	10.14	122	45142	36.029 ng	97
33) 4-Chloroaniline	10.98	127	86353	27.511 ng	99
34) Hexachlorobutadiene	11.16	225	83702	41.861 ng	99
35) Caprolactam	11.75	113	32241	39.863 ng	98
36) 4-Chloro-3-methylphenol	12.12	107	104249	45.306 ng	97
37) 2-Methylnaphthalene	12.48	142	234825	43.010 ng	99
38) 1-Methylnaphthalene	12.70	142	221155	42.644 ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	154870	44.214 ng	99

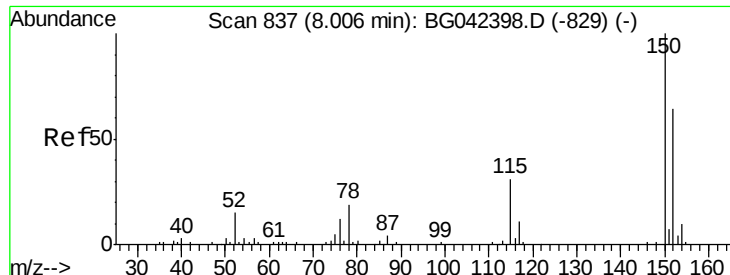
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
 Data File : BG042526.D
 Acq On : 28 Aug 2019 9:23
 Operator : HP/JU
 Sample : PB122598BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 28 15:13:38 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)
41) Hexachlorocyclopentadiene	12.83	237	190258	103.405	ng	99
43) 2,4,6-Trichlorophenol	13.09	196	102148	43.144	ng	96
44) 2,4,5-Trichlorophenol	13.17	196	111828	45.579	ng	99
46) 1,1'-Biphenyl	13.49	154	312542	44.329	ng	100
47) 2-Chloronaphthalene	13.53	162	254561	41.872	ng	99
48) 2-Nitroaniline	13.74	65	57944	39.525	ng	98
49) Acenaphthylene	14.38	152	403167	44.080	ng	99
50) Dimethylphthalate	14.11	163	327578	41.624	ng	100
51) 2,6-Dinitrotoluene	14.23	165	78116	42.822	ng	96
52) Acenaphthene	14.72	154	233202	41.990	ng	98
53) 3-Nitroaniline	14.56	138	48733	26.712	ng	98
54) 2,4-Dinitrophenol	14.78	184	91065	74.521	ng	98
55) Dibenzofuran	15.06	168	404383	43.988	ng	99
56) 4-Nitrophenol	14.88	139	111296	85.853	ng	96
57) 2,4-Dinitrotoluene	15.02	165	108624	41.583	ng	96
58) Fluorene	15.71	166	324051	43.121	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.21	232	103743	42.757	ng	100
60) Diethylphthalate	15.47	149	319444	41.522	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	192041	42.393	ng	97
62) 4-Nitroaniline	15.73	138	78150	40.025	ng	97
63) Azobenzene	15.99	77	219364	41.612	ng	97
65) 4,6-Dinitro-2-methylphenol	15.79	198	71944	45.188	ng	98
66) n-Nitrosodiphenylamine	15.91	169	302806	43.360	ng	99
67) 4-Bromophenyl-phenylether	16.59	248	133351	41.400	ng	98
68) Hexachlorobenzene	16.72	284	139487	39.836	ng	99
69) Atrazine	16.86	200	112173	45.422	ng	98
70) Pentachlorophenol	17.07	266	163616	89.932	ng	99
71) Phenanthrene	17.46	178	546225	43.304	ng	99
72) Anthracene	17.54	178	565114	44.878	ng	99
73) Carbazole	17.81	167	489509	43.618	ng	99
74) Di-n-butylphthalate	18.37	149	569332	42.916	ng	99
75) Fluoranthene	19.47	202	721534	46.871	ng	97
77) Benzidine	19.64	184	362332	45.484	ng	99
78) Pyrene	19.83	202	733075	43.033	ng	98
80) Butylbenzylphthalate	20.71	149	275122	41.061	ng	99
81) Benzo(a)anthracene	21.67	228	727043	43.014	ng	98
82) 3,3'-Dichlorobenzidine	21.58	252	197302	29.024	ng	98
83) Chrysene	21.73	228	709080	43.499	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	393183	42.264	ng	99
85) Di-n-octyl phthalate	22.79	149	673332	42.082	ng	99
86) Indeno(1,2,3-cd)pyrene	28.64	276	920610	41.558	ng	# 96
88) Benzo(b)fluoranthene	23.90	252	779558	43.249	ng	99
89) Benzo(k)fluoranthene	23.97	252	781790	45.123	ng	100
90) Benzo(a)pyrene	24.78	252	786792	46.000	ng	99
91) Dibenzo(a,h)anthracene	28.70	278	756819	43.701	ng	97
92) Benzo(g,h,i)perylene	29.79	276	769324	44.416	ng	98

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

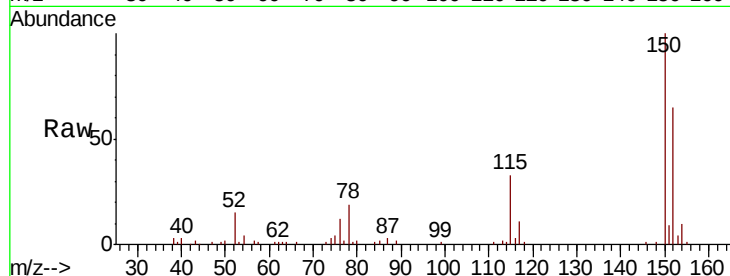


#1

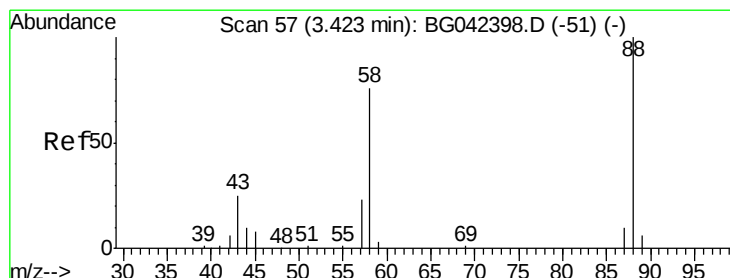
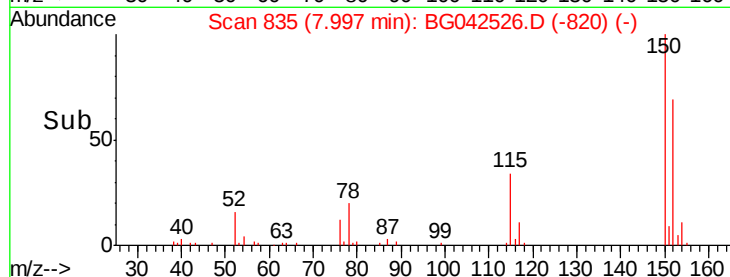
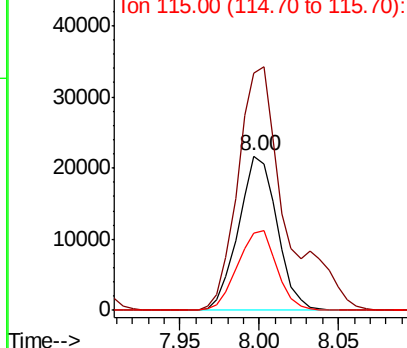
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 36540
Ion Ratio Lower Upper
152 100
150 153.7 125.4 188.0
115 50.4 38.5 57.7



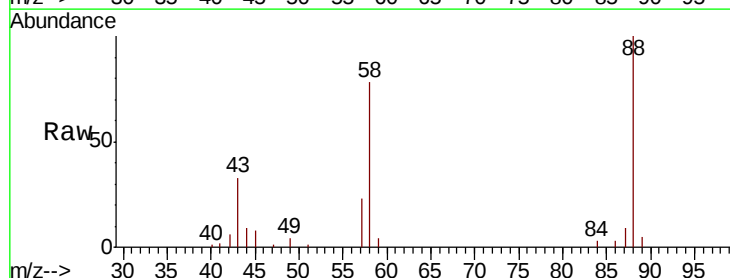
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



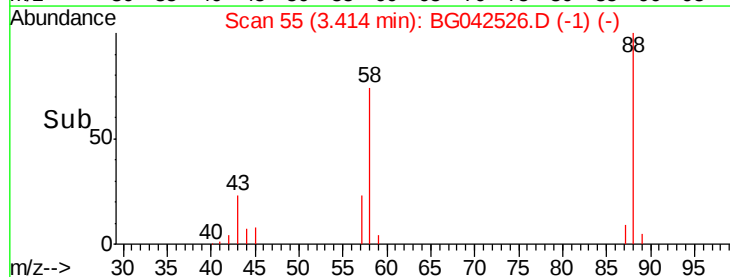
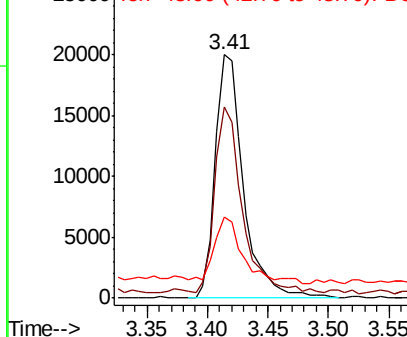
#2

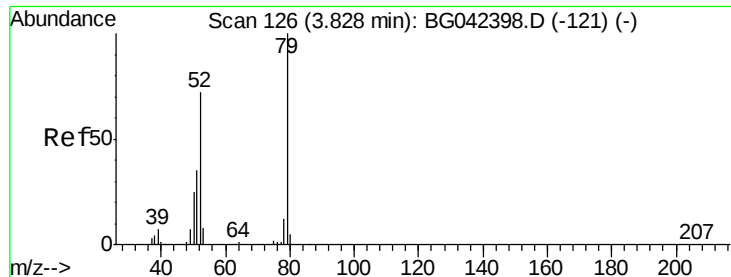
1,4-Dioxane
Concen: 42.834 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Tgt Ion: 88 Resp: 32251
Ion Ratio Lower Upper
88 100
58 73.5 58.3 87.5
43 23.3 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: 35.934 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

Instrument :

BNA_F

ClientSampleId :

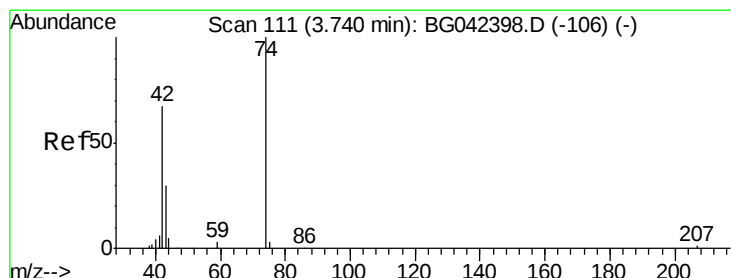
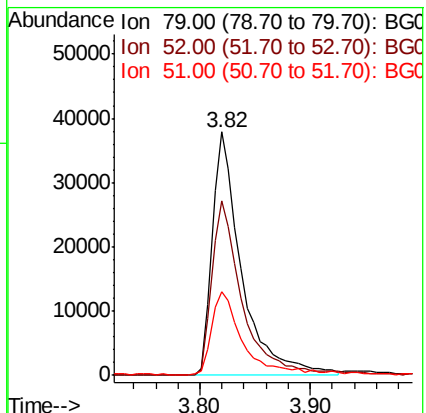
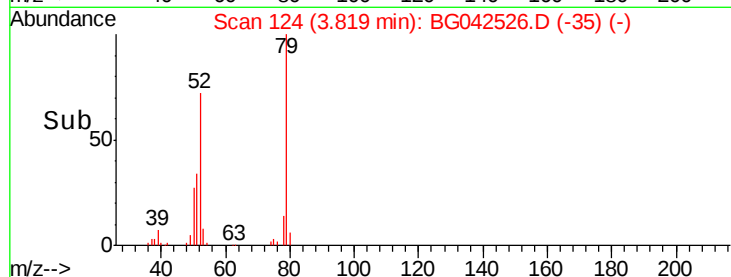
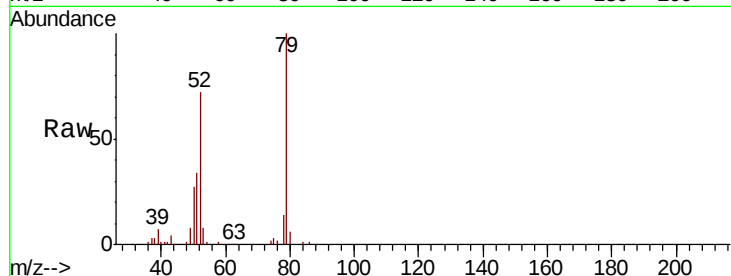
Tot Ion: 79 Resp: 69376

Ion Ratio Lower Upper

79 100

52 71.6 57.7 86.5

51 34.3 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 44.577 ng

RT: 3.74 min Scan# 110

Delta R.T. -0.00 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

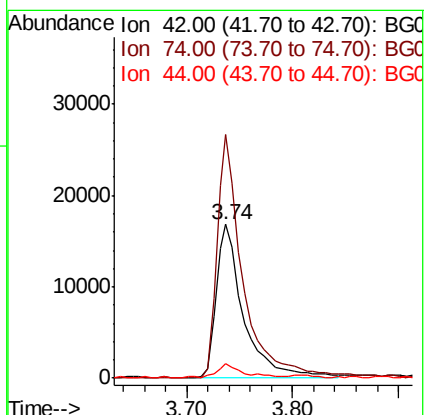
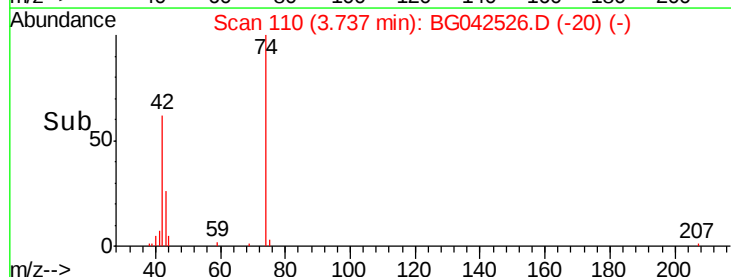
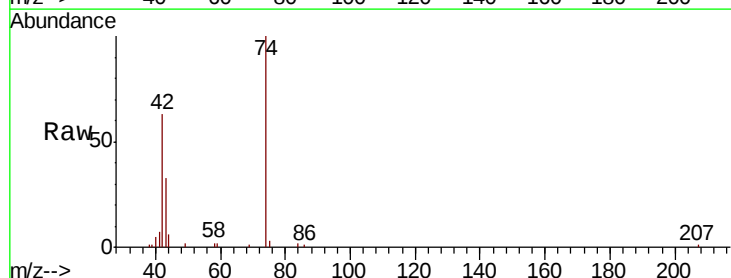
Tgt Ion: 42 Resp: 30739

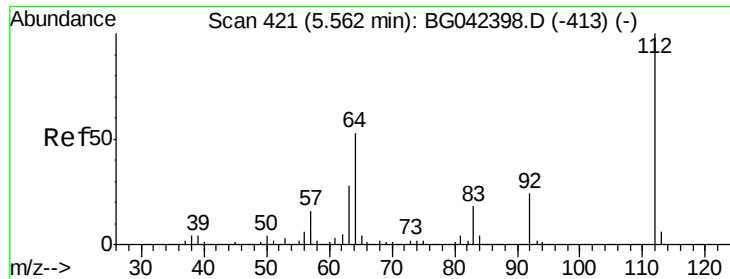
Ion Ratio Lower Upper

42 100

74 158.1 119.6 179.4

44 9.1 6.5 9.7





#5

2-Fluorophenol

Concen: 126.872 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.00 min

Lab File: BG042526.D

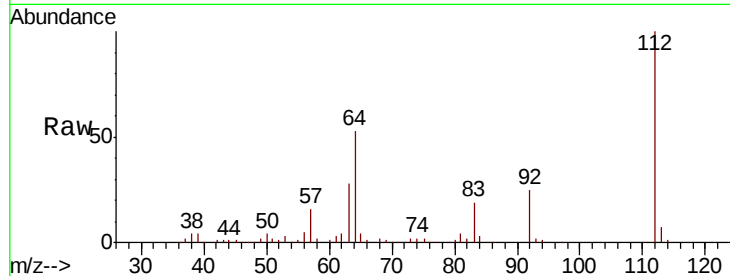
Acq: 28 Aug 2019 9:23

Instrument :

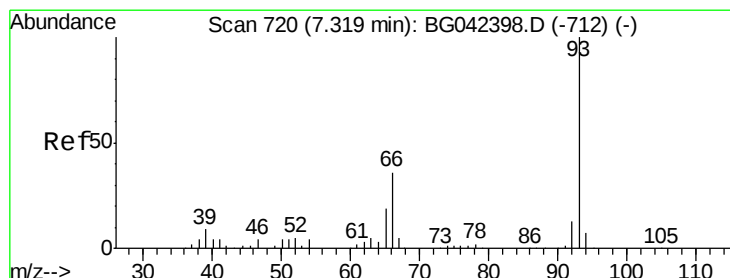
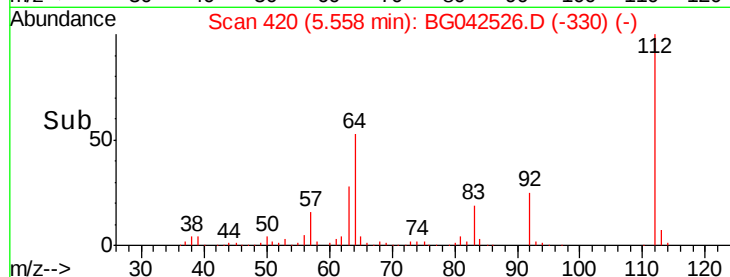
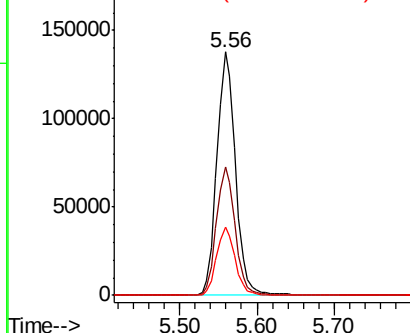
BNA_F

ClientSampleId :

Tot Ion:	112	Resp:	228901
Ion	Ratio	Lower	Upper
112	100		
64	52.6	42.8	64.2
63	27.9	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: 31.112 ng

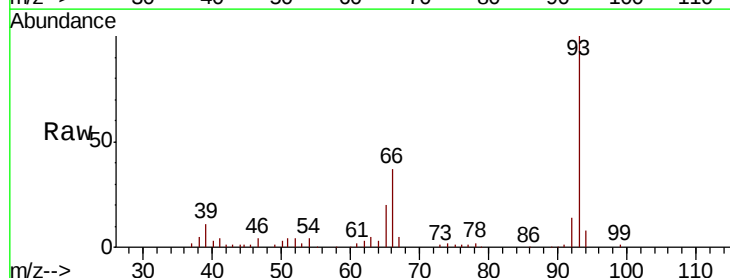
RT: 7.32 min Scan# 719

Delta R.T. -0.00 min

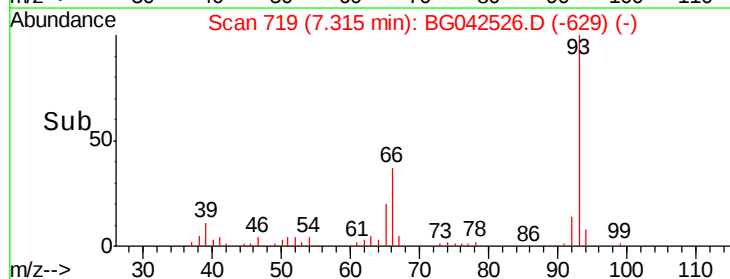
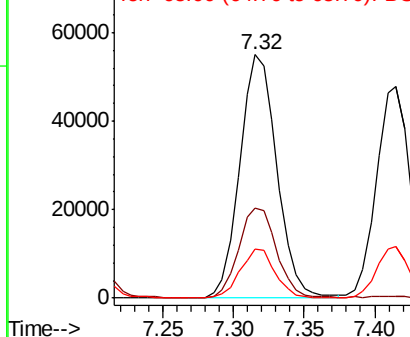
Lab File: BG042526.D

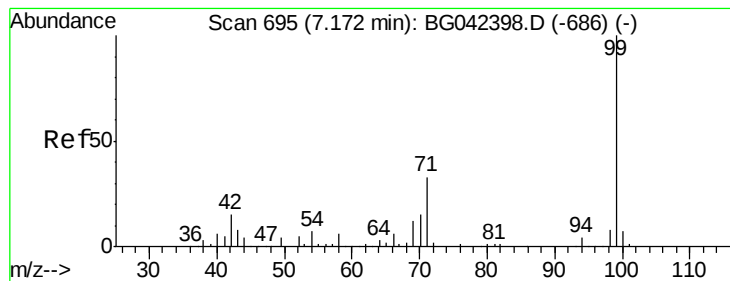
Acq: 28 Aug 2019 9:23

Tgt Ion:	93	Resp:	101129
Ion	Ratio	Lower	Upper
93	100		
66	37.0	29.0	43.6
65	20.0	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: 117.889 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

Instrument :

BNA_F

ClientSampleId :

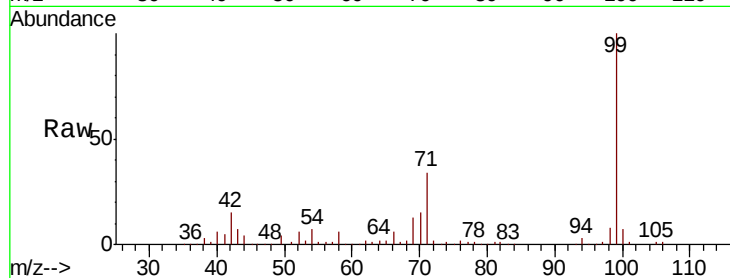
Tot Ion: 99 Resp: 287301

Ion Ratio Lower Upper

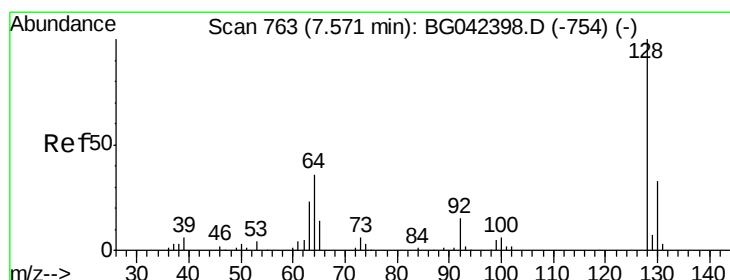
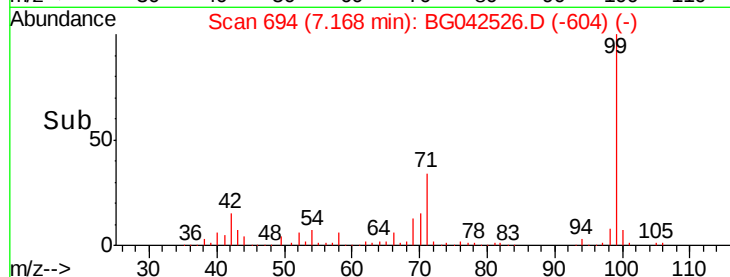
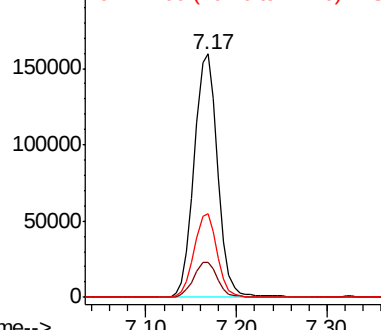
99 100

42 14.6 12.0 18.0

71 34.2 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: 46.666 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

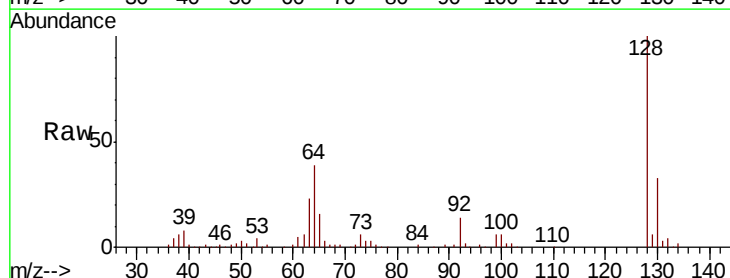
Tgt Ion: 128 Resp: 102037

Ion Ratio Lower Upper

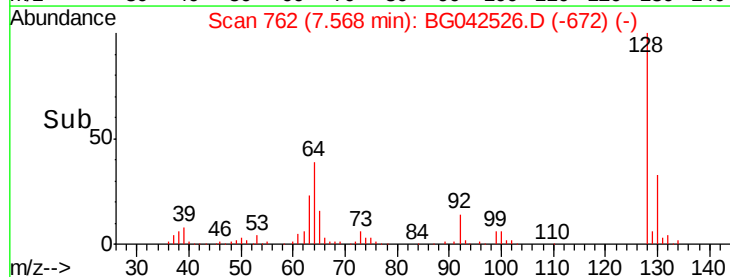
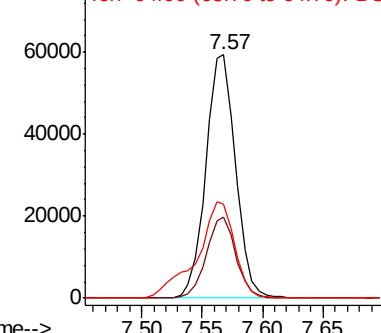
128 100

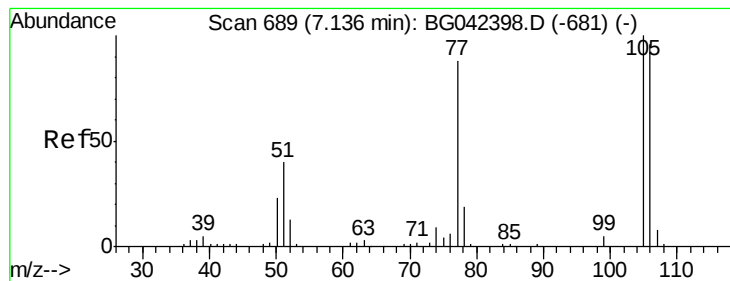
130 33.4 12.8 52.8

64 38.5 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: 48.245 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

Instrument :

BNA_F

ClientSampled :

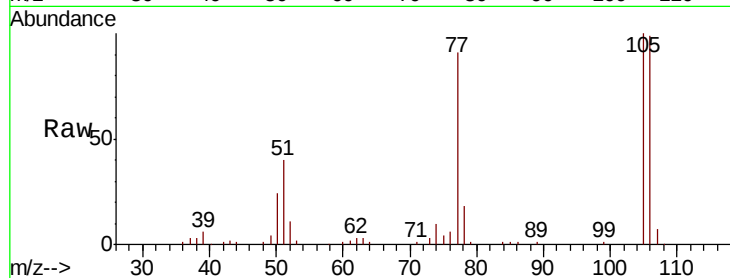
Tot Ion: 77 Resp: 58863

Ion Ratio Lower Upper

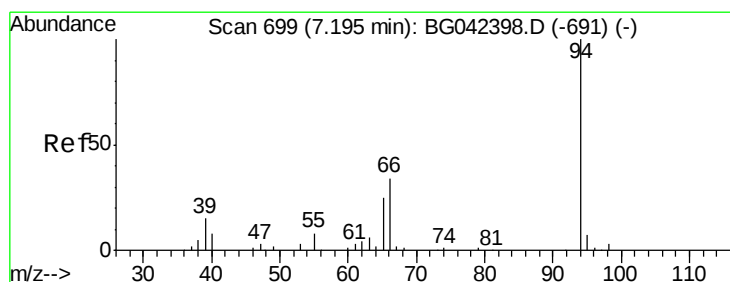
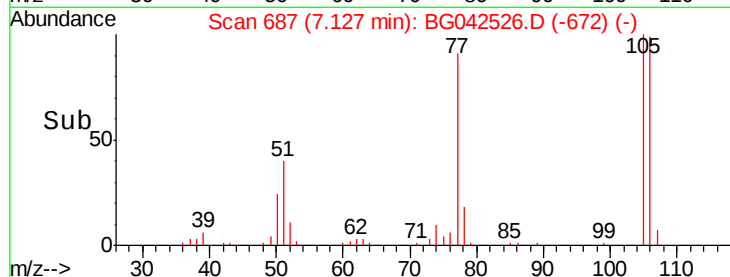
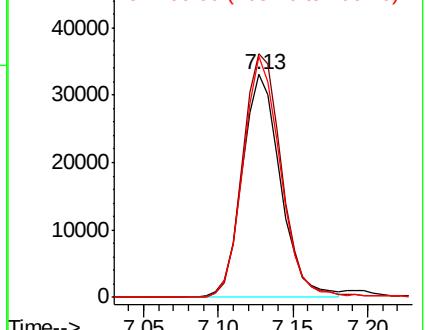
77 100

105 109.4 93.4 133.4

106 108.4 88.4 128.4



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 45.530 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

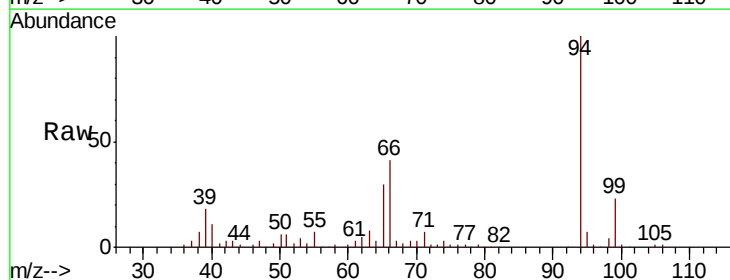
Tgt Ion: 94 Resp: 112816

Ion Ratio Lower Upper

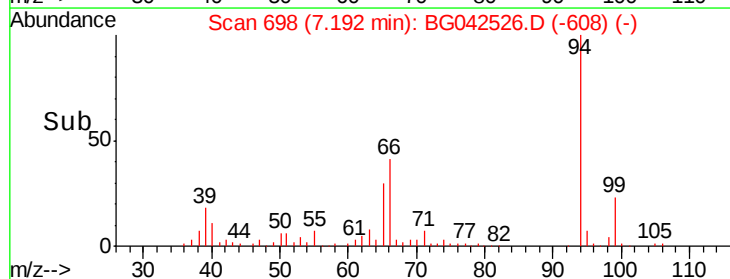
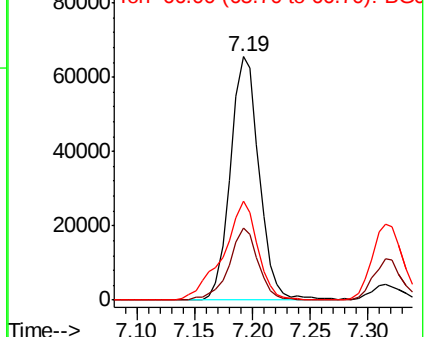
94 100

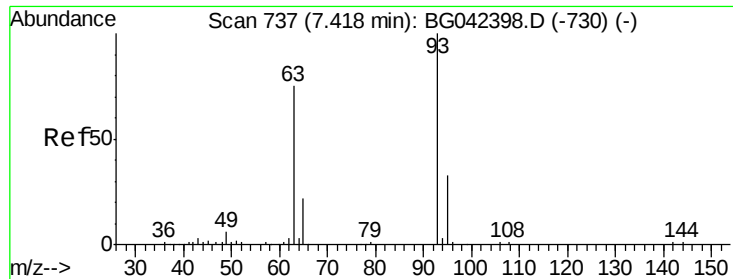
65 29.9 5.6 45.6

66 40.9 16.0 56.0



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

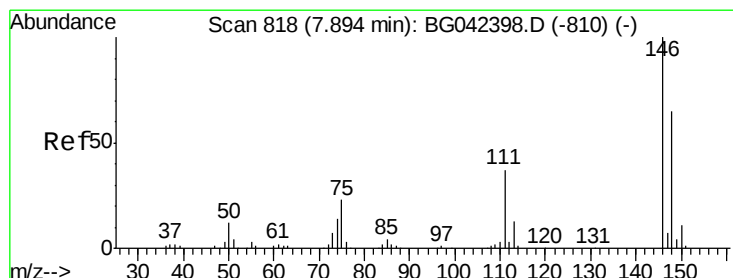
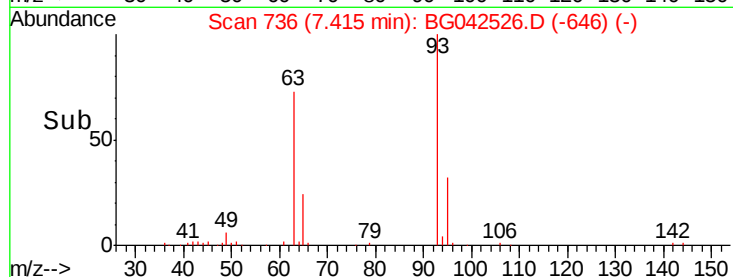
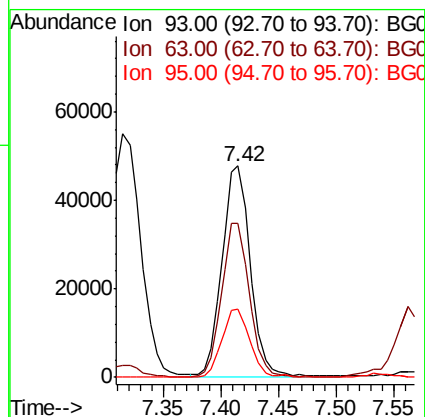
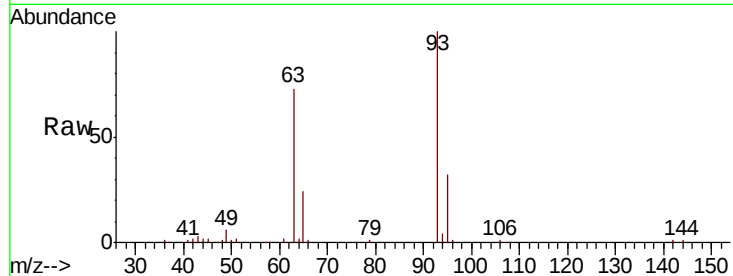




#11
 bis(2-Chloroethyl)ether
 Concen: 41.873 ng
 RT: 7.42 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

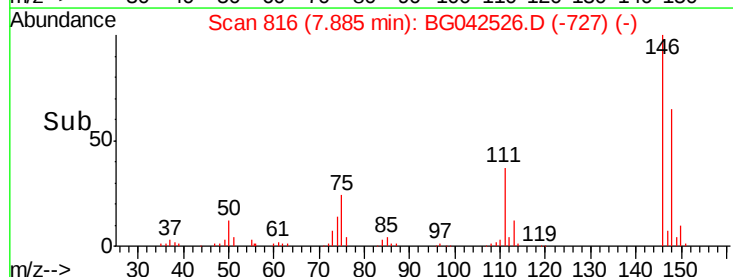
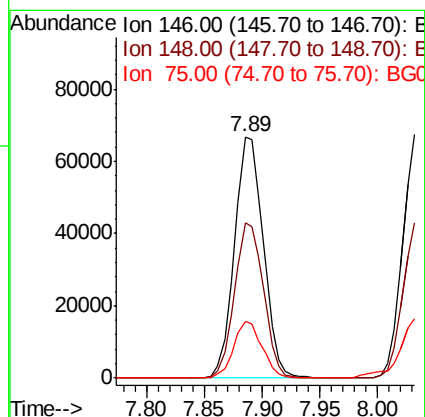
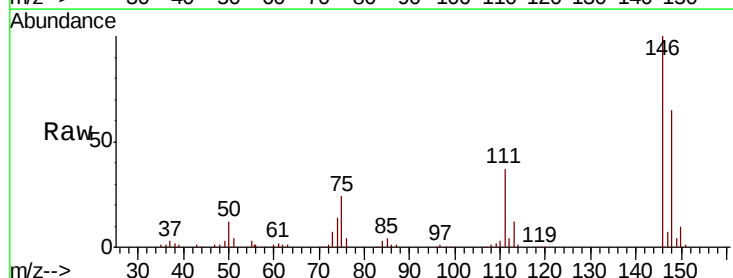
Instrument :
 BNA_F
 ClientSampleId :

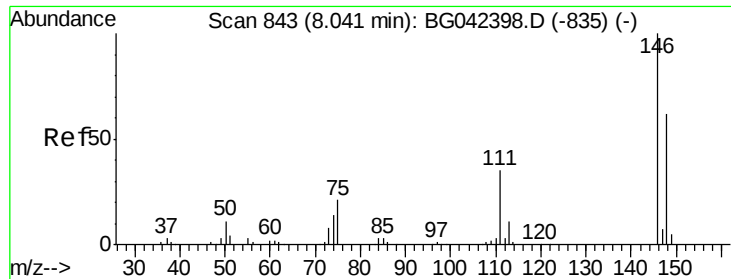
Tot Ion: 93 Resp: 81486
 Ion Ratio Lower Upper
 93 100
 63 72.8 53.8 93.8
 95 32.0 13.1 53.1



#12
 1,3-Dichlorobenzene
 Concen: 41.640 ng
 RT: 7.89 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Tgt Ion: 146 Resp: 115824
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.2 78.2
 75 23.8 18.0 27.0

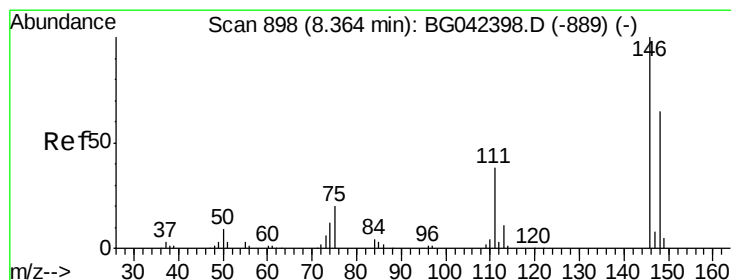
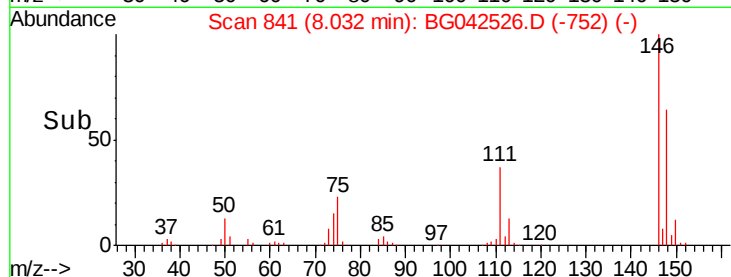
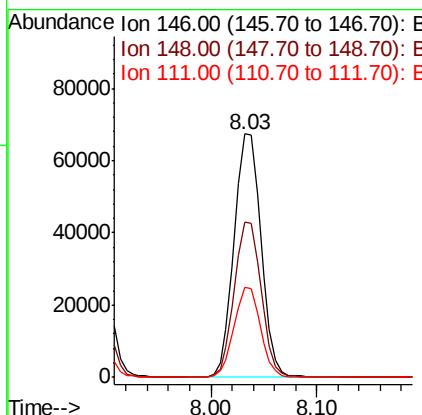
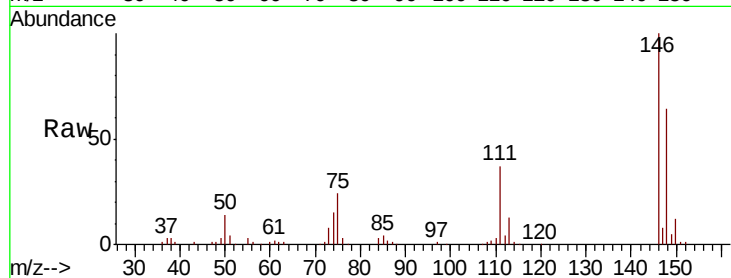




#13
 1,4-Dichlorobenzene
 Concen: 42.299 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

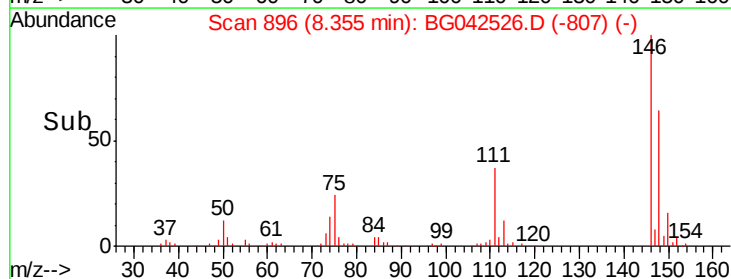
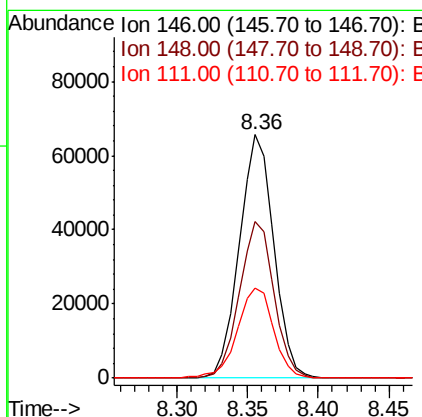
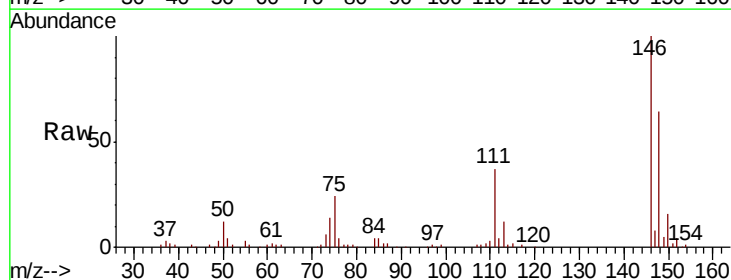
Instrument :
 BNA_F
 ClientSampleId :

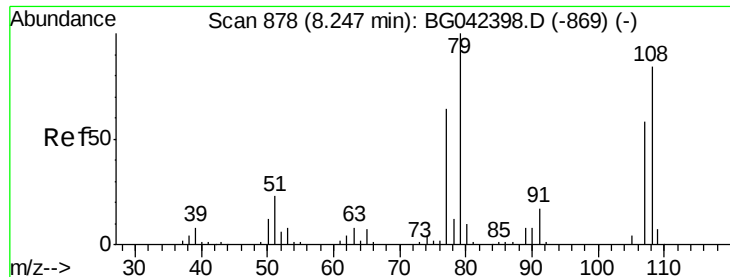
Tot Ion:146 Resp: 119178
 Ion Ratio Lower Upper
 146 100
 148 63.8 49.5 74.3
 111 36.8 28.1 42.1



#14
 1,2-Dichlorobenzene
 Concen: 41.437 ng
 RT: 8.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Tgt Ion:146 Resp: 111805
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.8 77.6
 111 37.2 30.9 46.3





#15

Benzyl Alcohol

Concen: 42.860 ng

RT: 8.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

Instrument :
BNA_F
ClientSampled :

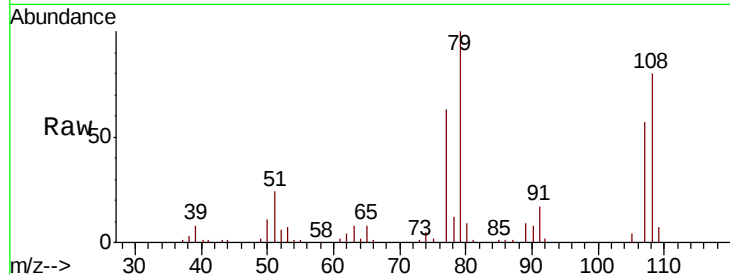
Tot Ion: 79 Resp: 75148

Ion Ratio Lower Upper

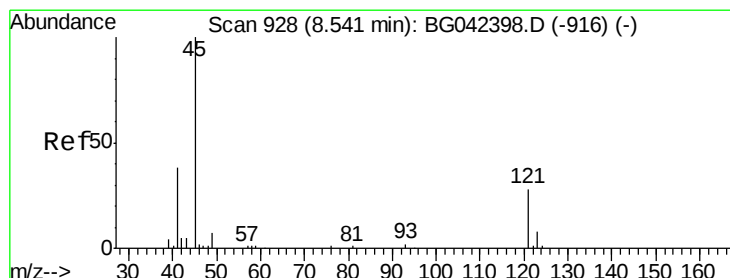
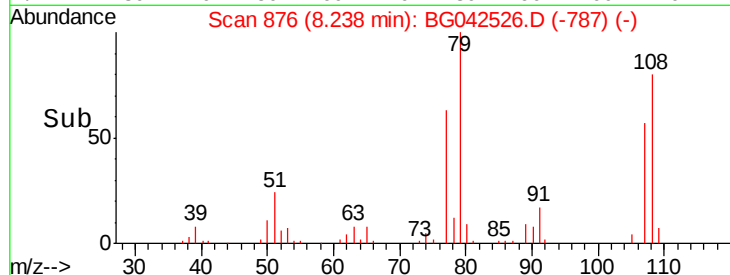
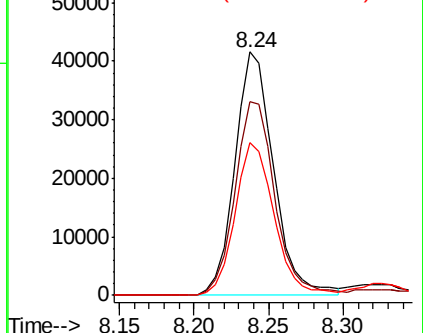
79 100

108 79.6 67.4 101.2

77 62.8 50.8 76.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.803 ng

RT: 8.53 min Scan# 925

Delta R.T. -0.02 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

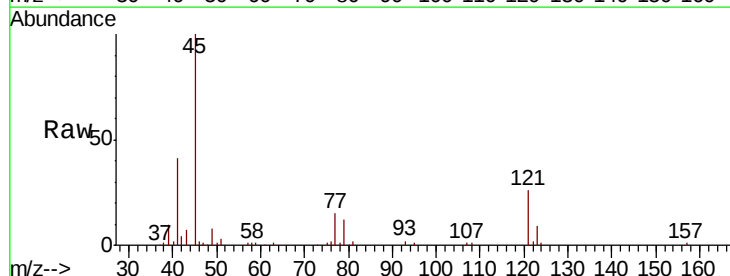
Tgt Ion: 45 Resp: 102345

Ion Ratio Lower Upper

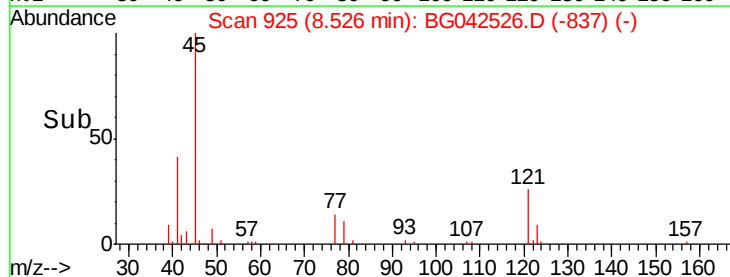
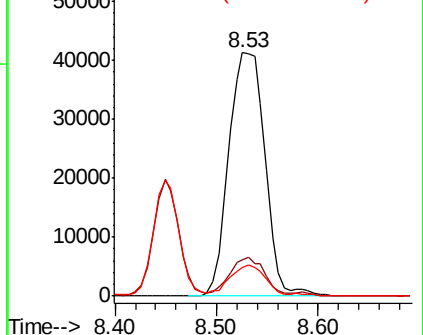
45 100

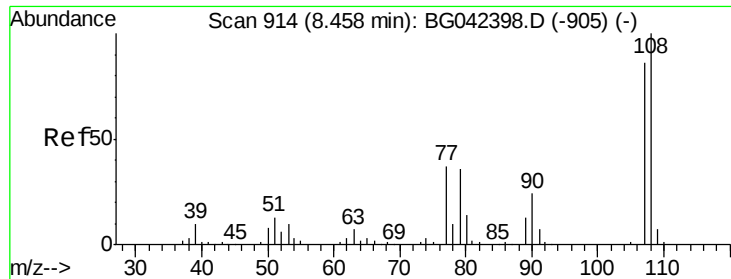
77 15.0 0.0 35.6

79 11.8 0.0 31.6



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

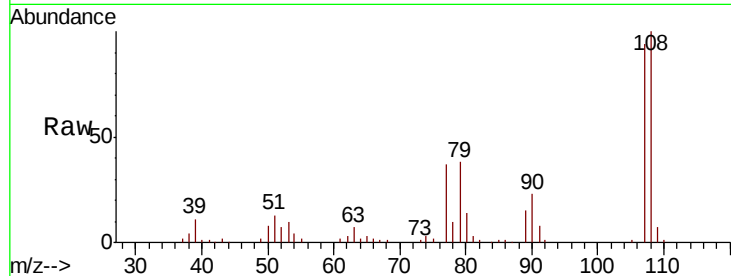




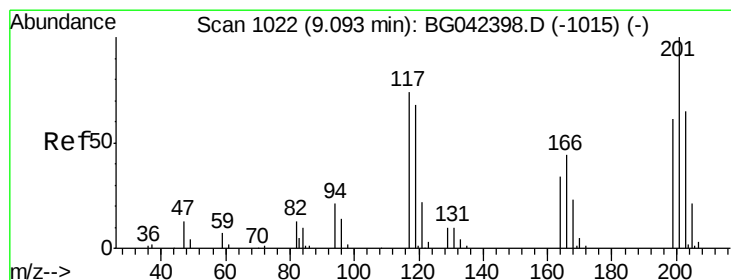
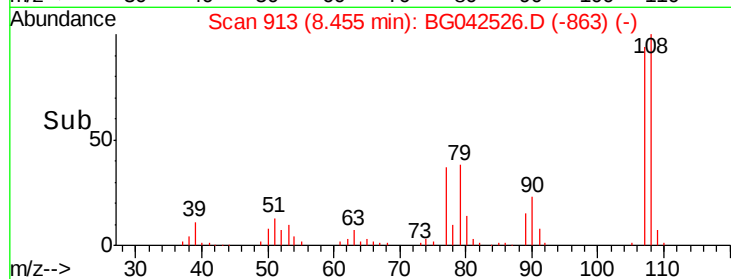
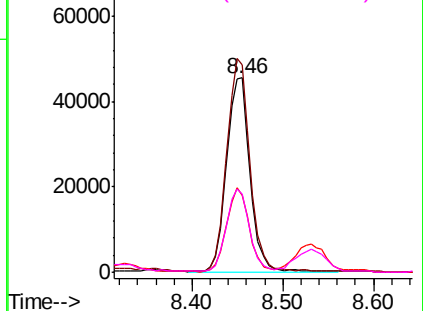
#17
2-Methylphenol
Concen: 44.368 ng
RT: 8.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 80974
Ion Ratio Lower Upper
107 100
108 106.5 92.9 139.3
77 39.2 34.4 51.6
79 40.1 33.8 50.6

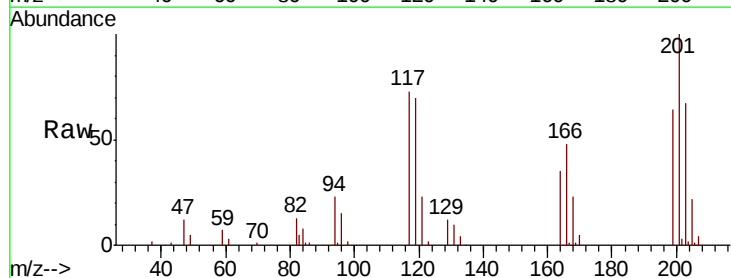


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

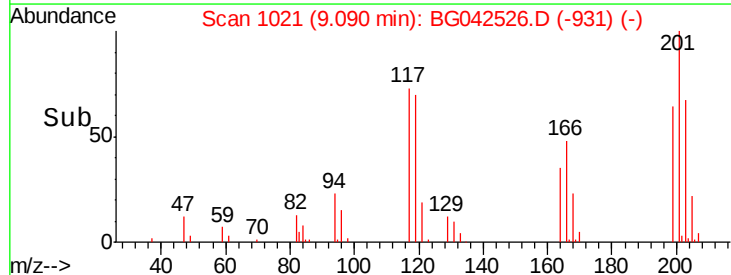
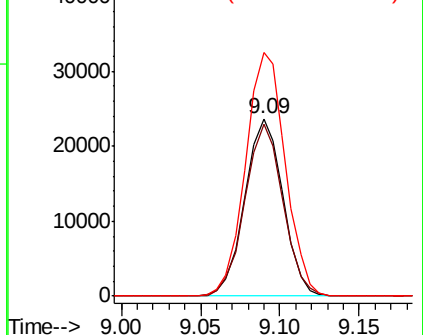


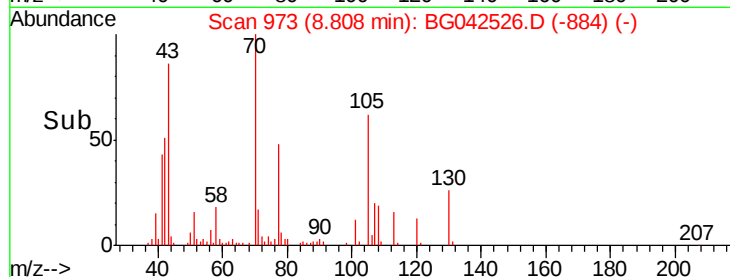
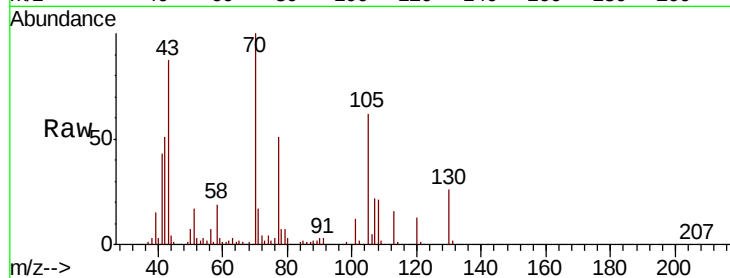
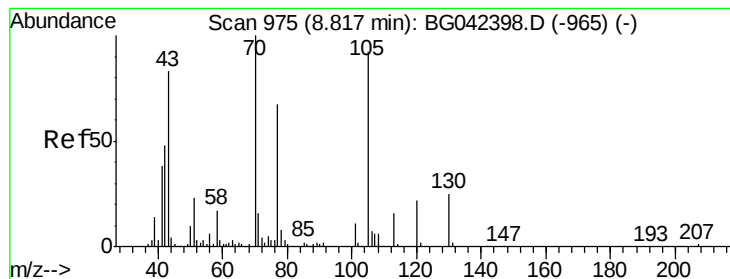
#18
Hexachloroethane
Concen: 41.018 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Tgt Ion:117 Resp: 39564
Ion Ratio Lower Upper
117 100
119 96.7 73.8 110.8
201 137.2 108.3 162.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.653 ng

RT: 8.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 62607

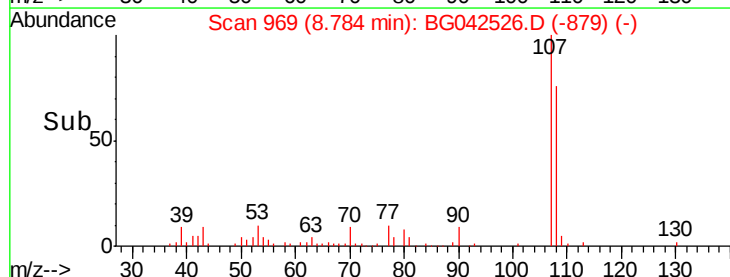
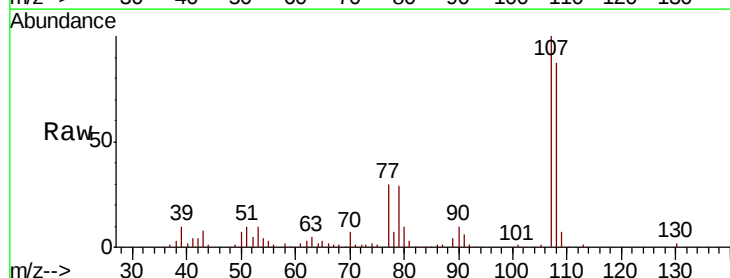
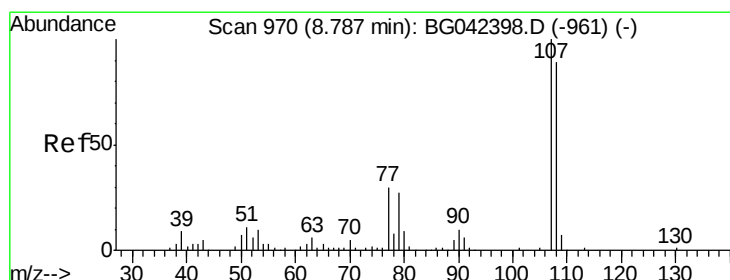
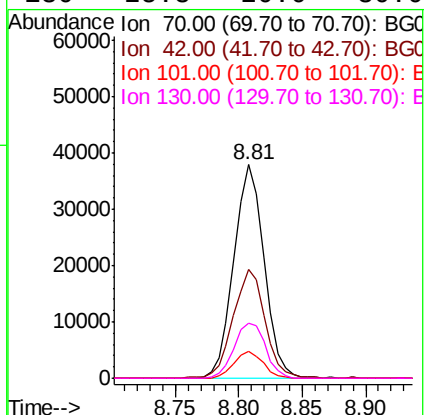
Ion Ratio Lower Upper

70 100

42 51.1 38.8 58.2

101 12.3 9.0 13.6

130 25.8 20.0 30.0



#20

3+4-Methylphenols

Concen: 43.536 ng

RT: 8.78 min Scan# 969

Delta R.T. -0.00 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

Tgt Ion: 107 Resp: 109947

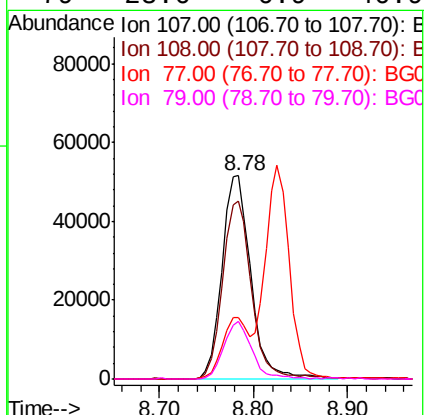
Ion Ratio Lower Upper

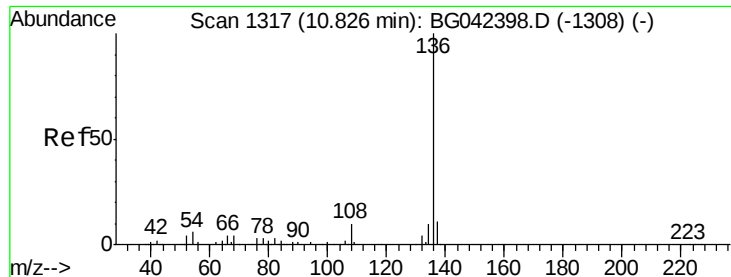
107 100

108 87.3 68.7 108.7

77 30.4 10.2 50.2

79 28.6 6.9 46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 146457

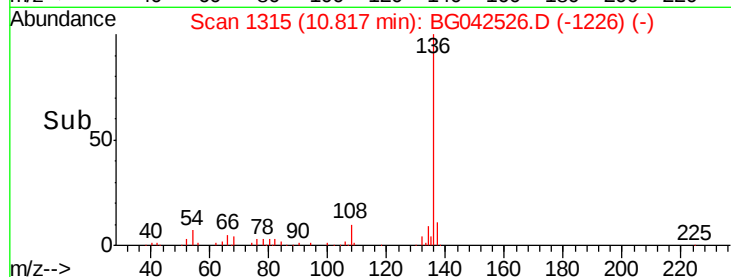
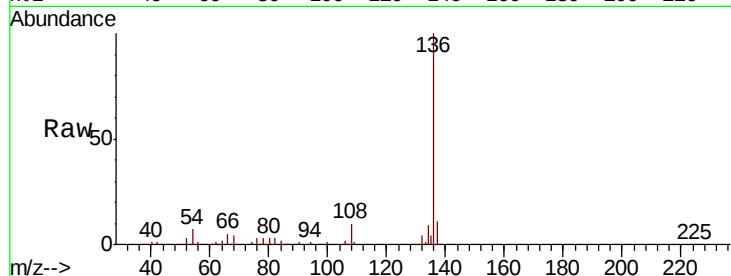
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 6.9 4.9 7.3

68 3.7 3.6 5.4

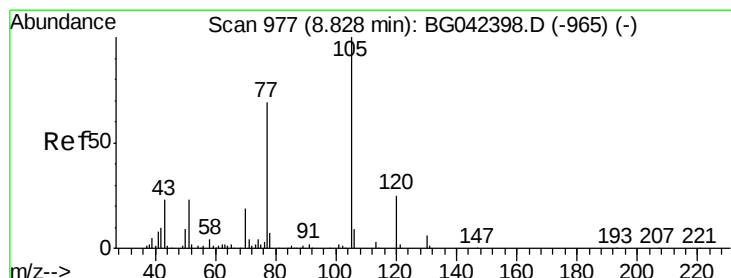
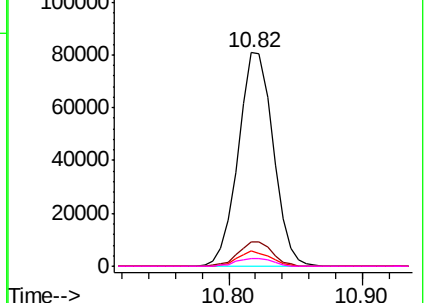


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.633 ng

RT: 8.83 min Scan# 976

Delta R.T. -0.00 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

Tgt Ion:105 Resp: 136680

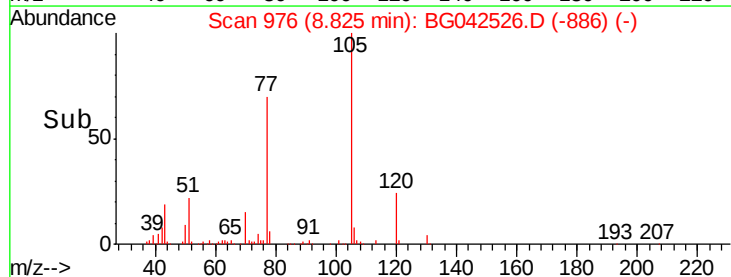
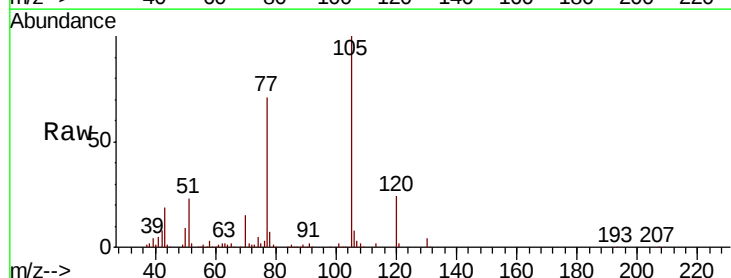
Ion Ratio Lower Upper

105 100

71 2.5 2.8 4.2#

51 23.0 18.7 28.1

120 24.4 20.1 30.1

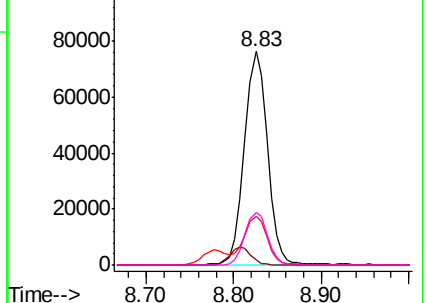


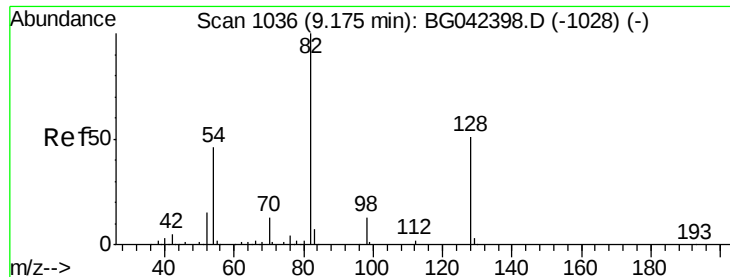
Abundance Ion 105.00 (104.70 to 105.70): E

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

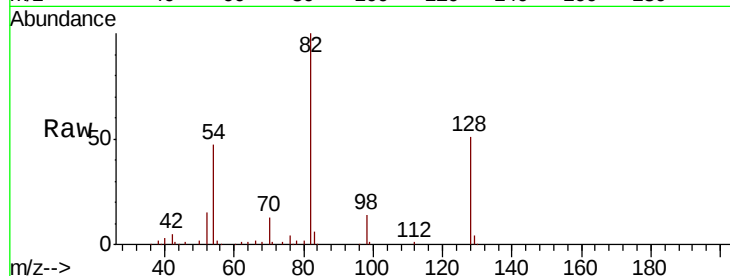




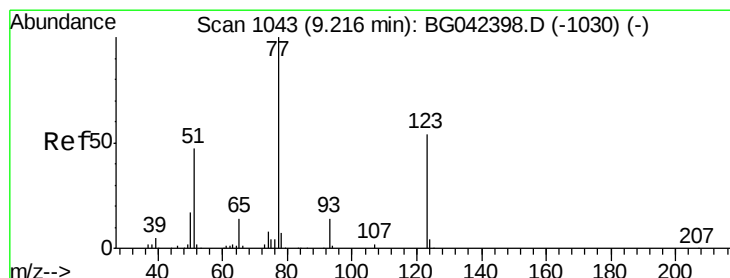
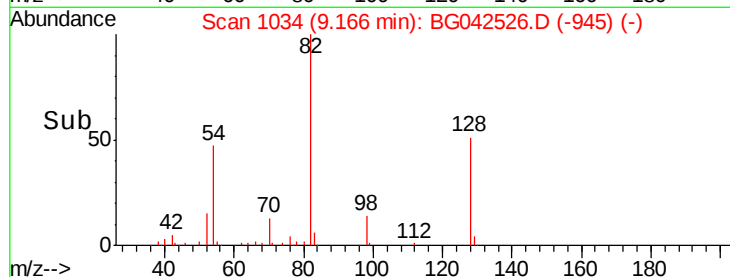
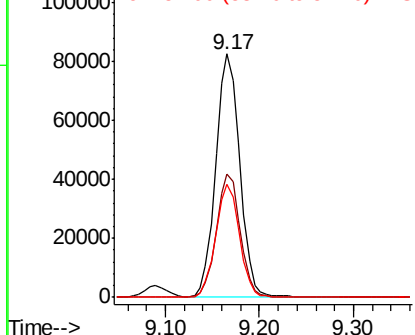
#23
Nitrobenzene-d5
Concen: 69.948 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 148246
Ion Ratio Lower Upper
82 100
128 50.7 40.7 61.1
54 46.7 36.3 54.5

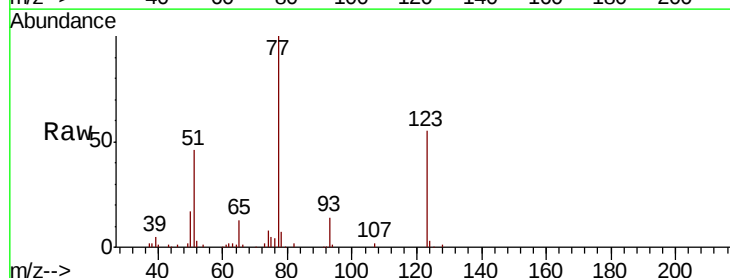


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

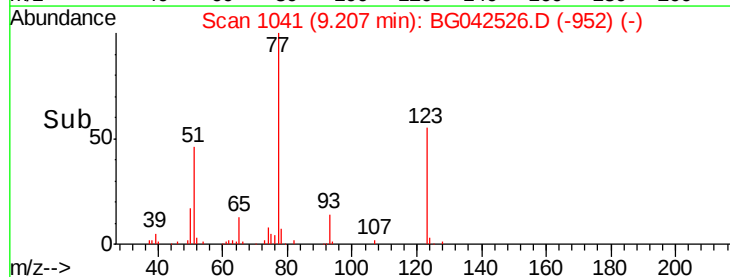
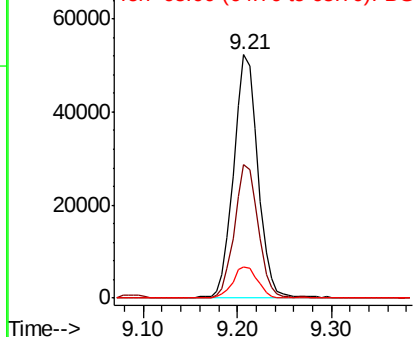


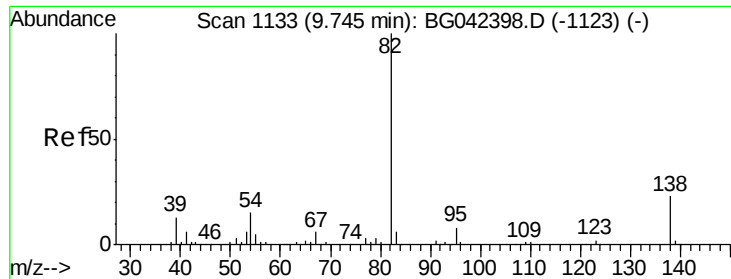
#24
Nitrobenzene
Concen: 43.779 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Tgt Ion: 77 Resp: 93957
Ion Ratio Lower Upper
77 100
123 54.7 43.4 65.0
65 12.8 11.0 16.6



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





#25

Isophorone

Concen: 41.270 ng

RT: 9.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

Instrument :

BNA_F

ClientSampleId :

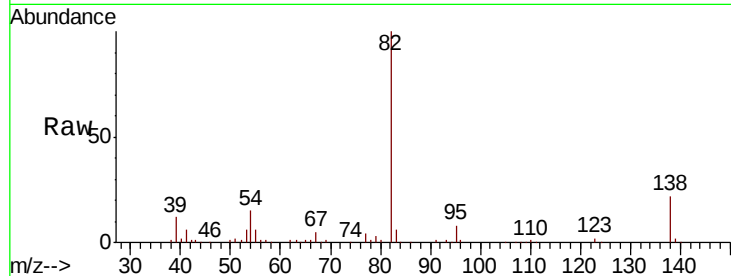
Tot Ion: 82 Resp: 172619

Ion Ratio Lower Upper

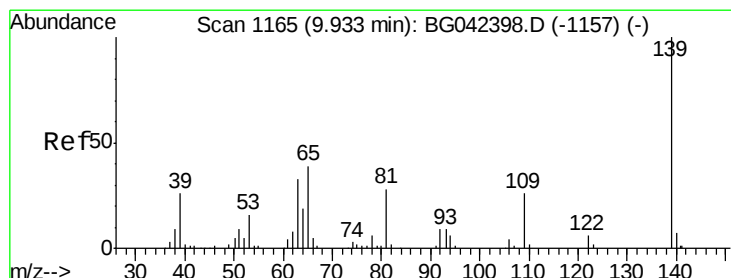
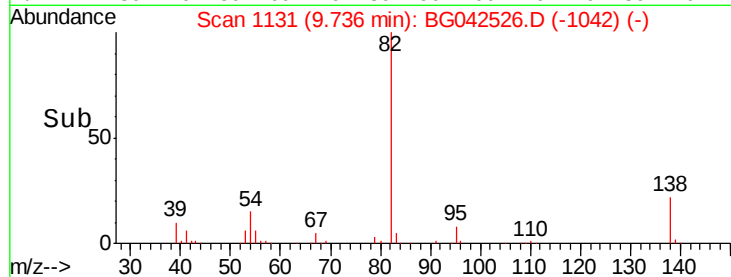
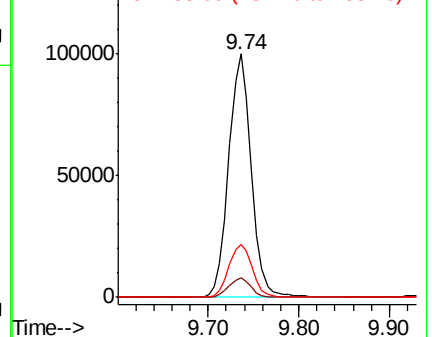
82 100

95 8.1 6.6 9.8

138 21.9 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: 44.234 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

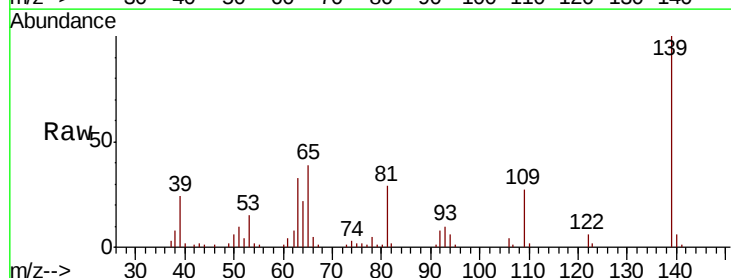
Tgt Ion: 139 Resp: 59491

Ion Ratio Lower Upper

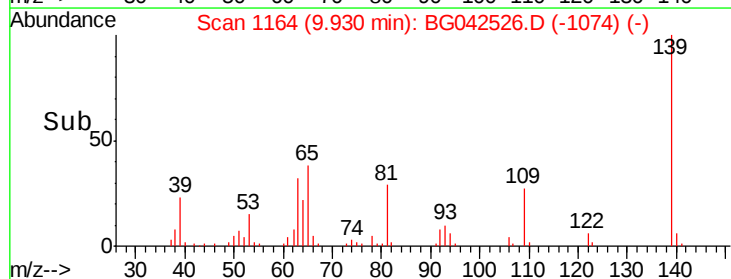
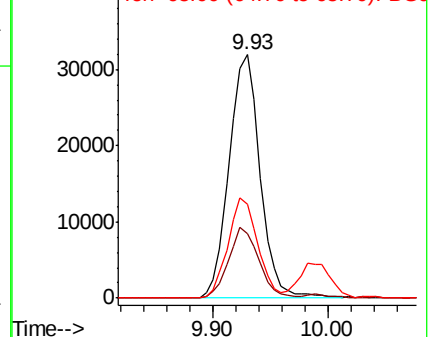
139 100

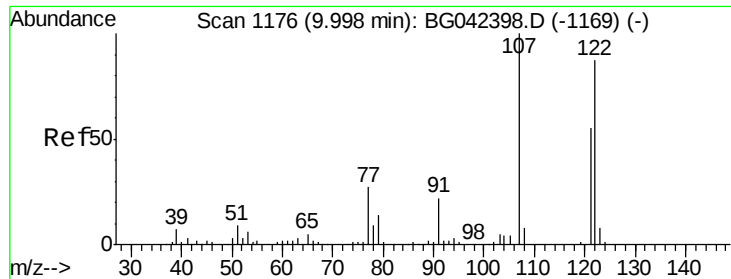
109 26.5 20.5 30.7

65 38.7 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: 50.640 ng

RT: 9.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

Instrument :

BNA_F

ClientSampleId :

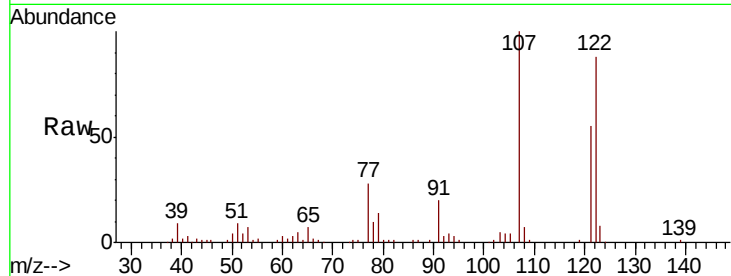
Tot Ion:122 Resp: 93818

Ion Ratio Lower Upper

122 100

107 113.5 90.8 136.2

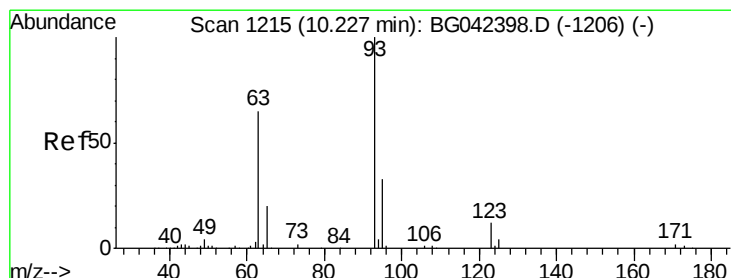
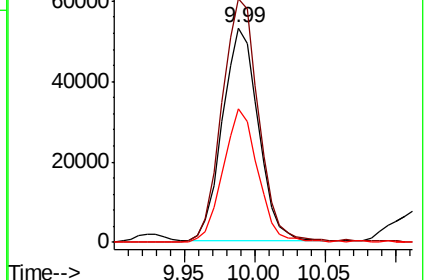
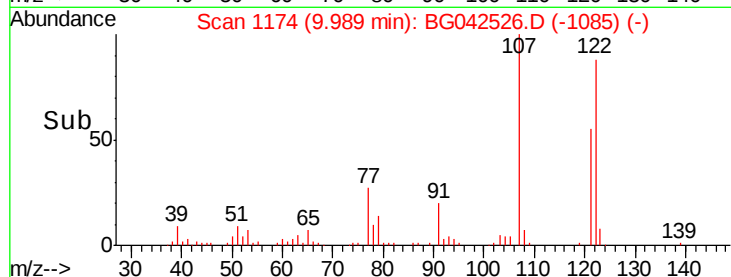
121 62.0 49.6 74.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.303 ng

RT: 10.22 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

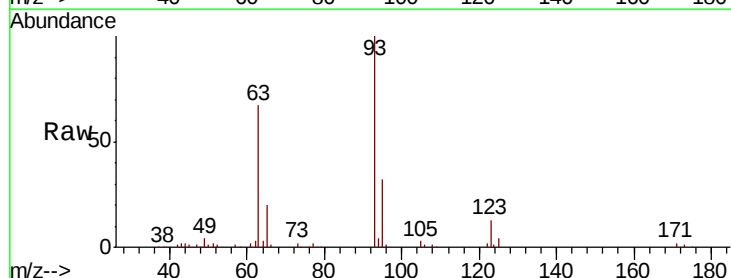
Tgt Ion: 93 Resp: 108885

Ion Ratio Lower Upper

93 100

95 31.5 26.6 40.0

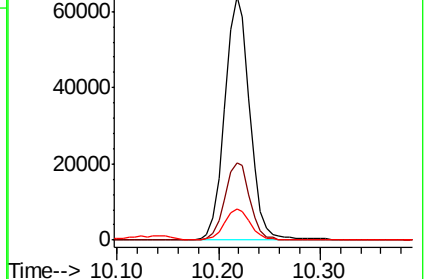
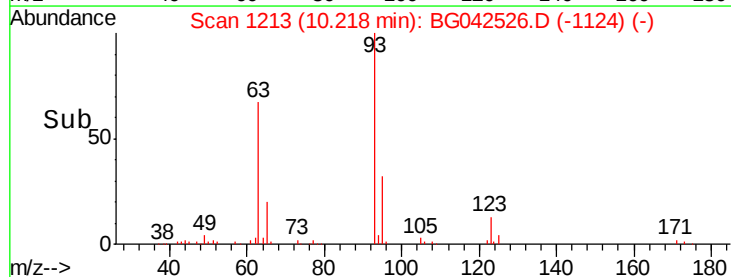
123 12.7 10.1 15.1

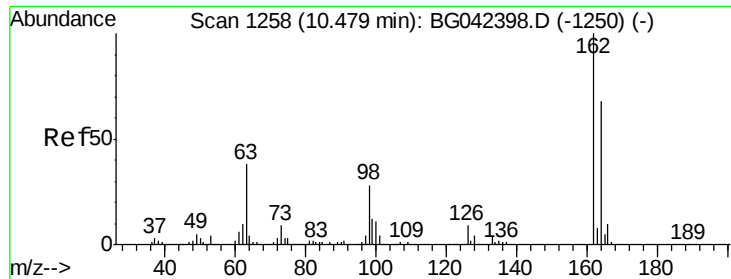


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

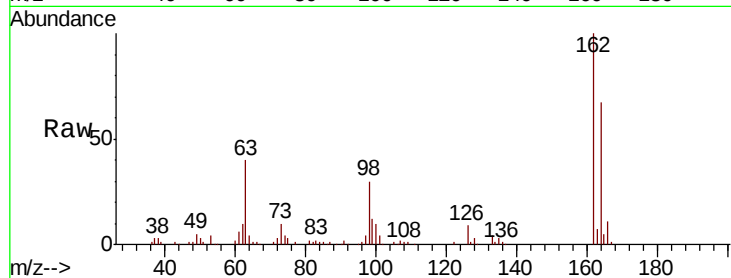




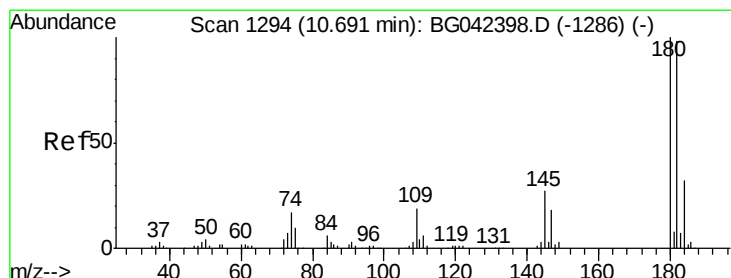
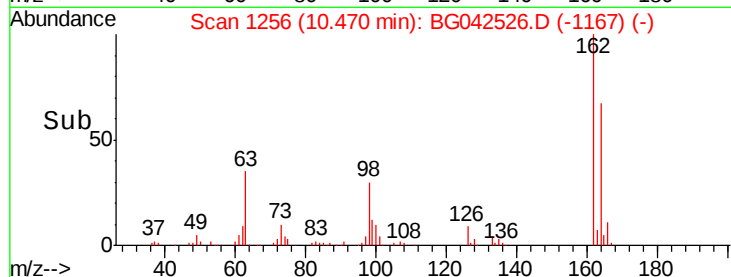
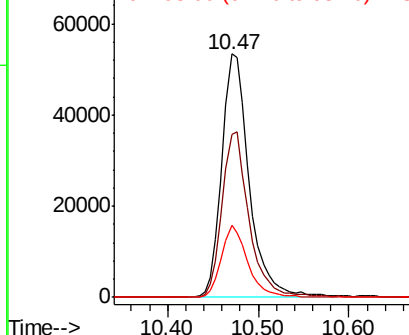
#29
2,4-Dichlorophenol
Concen: 46.402 ng
RT: 10.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	162	Resp	112473
Ion	Ratio	Lower	Upper
162	100		
164	67.2	48.1	88.1
98	29.8	7.6	47.6

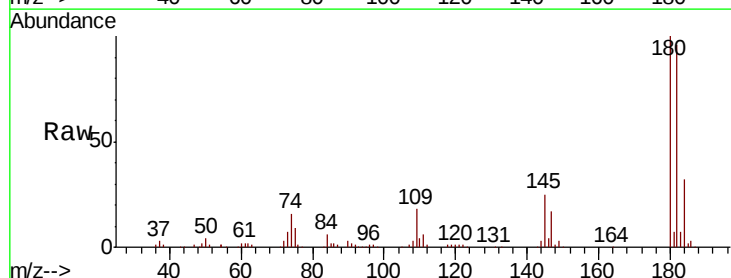


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

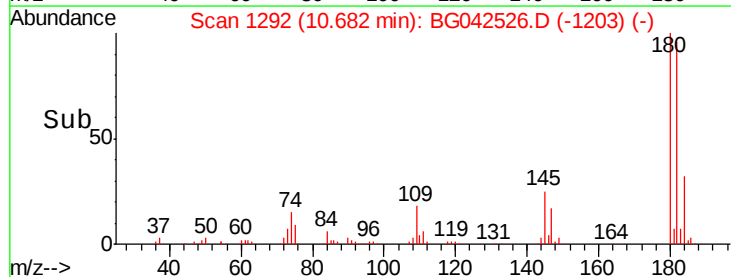
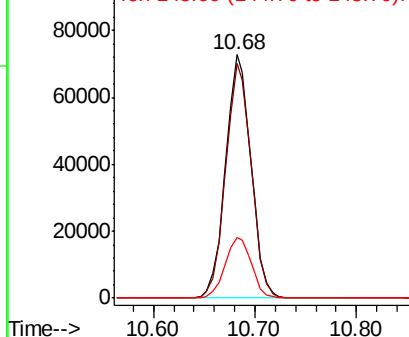


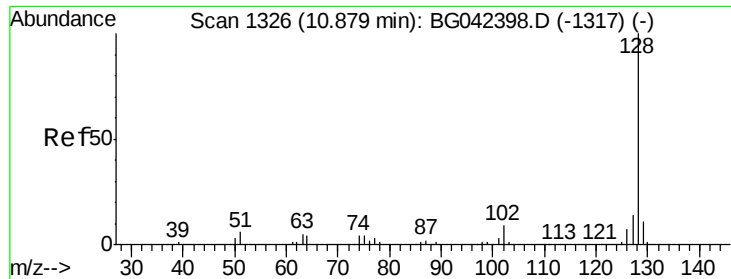
#30
1,2,4-Trichlorobenzene
Concen: 42.357 ng
RT: 10.68 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Tgt Ion	180	Resp	126021
Ion	Ratio	Lower	Upper
180	100		
182	96.5	78.7	118.1
145	24.6	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

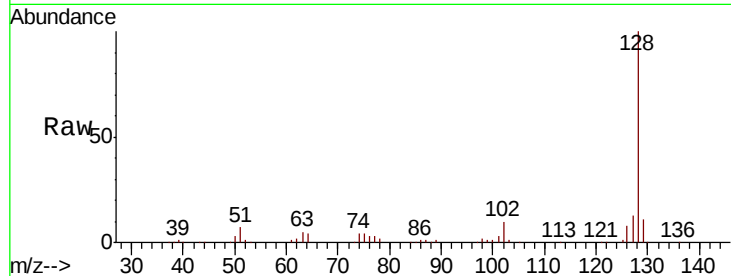




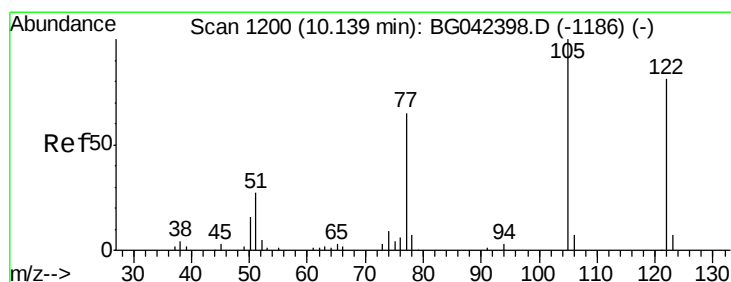
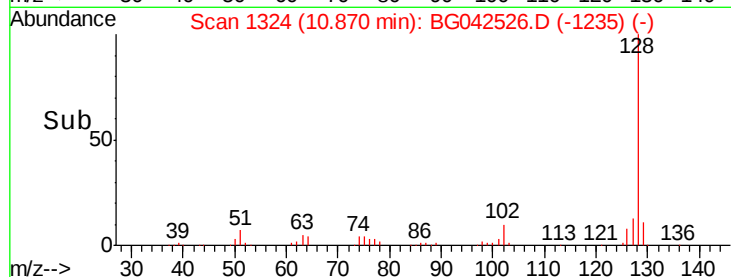
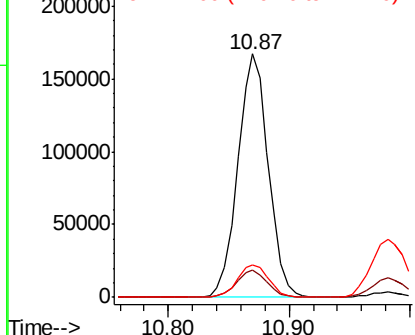
#31
Naphthalene
Concen: 43.079 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 292922
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.1 11.4 17.0

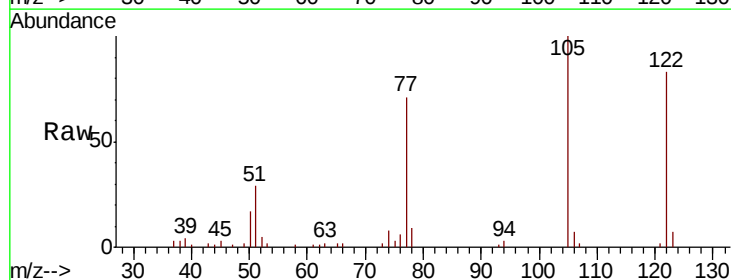


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

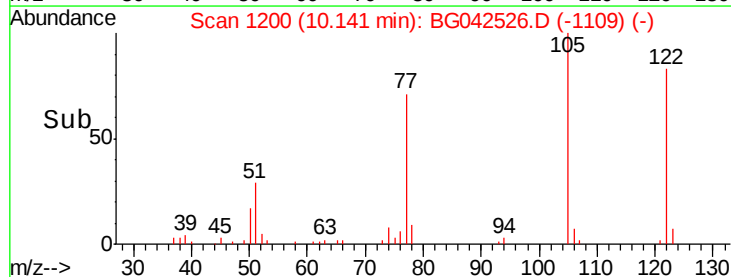
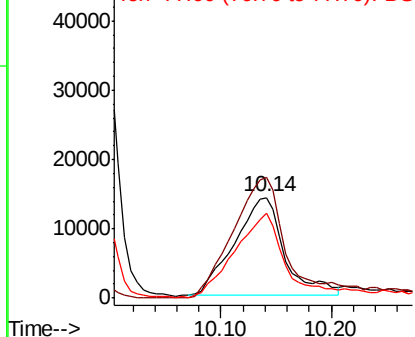


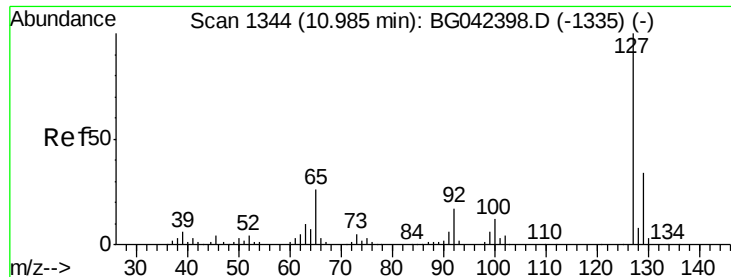
#32
Benzoic acid
Concen: 36.029 ng
RT: 10.14 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Tgt Ion:122 Resp: 45142
Ion Ratio Lower Upper
122 100
105 120.1 99.6 139.6
77 84.9 59.5 99.5



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

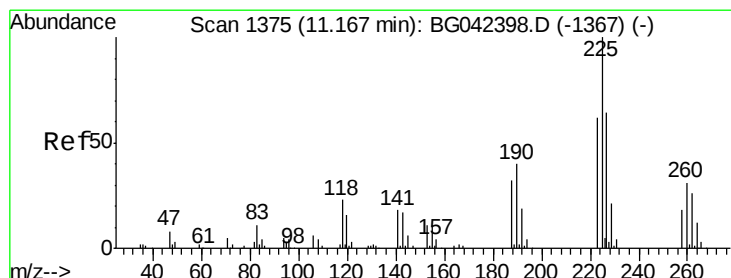
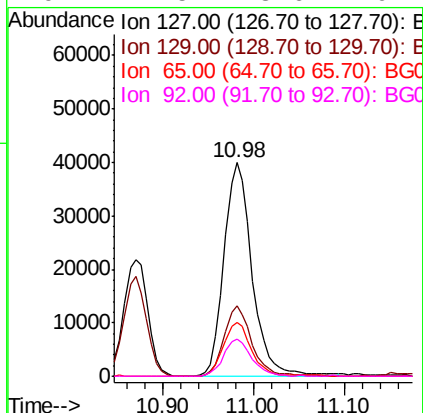
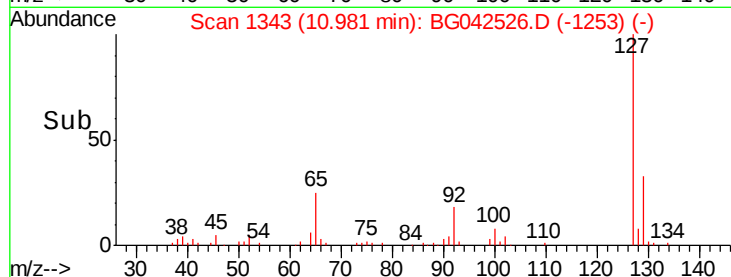
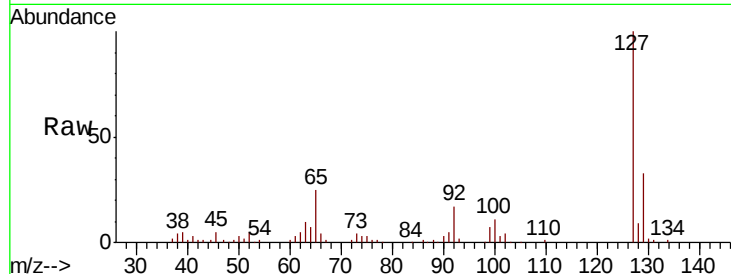




#33
4-Chloroaniline
Concen: 27.511 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

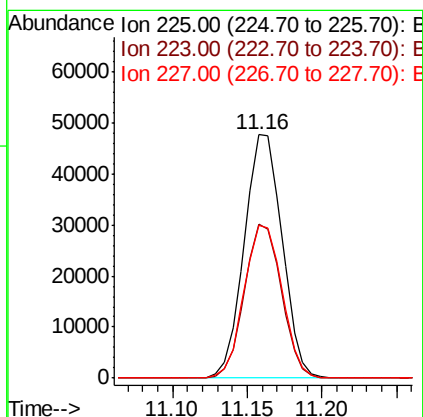
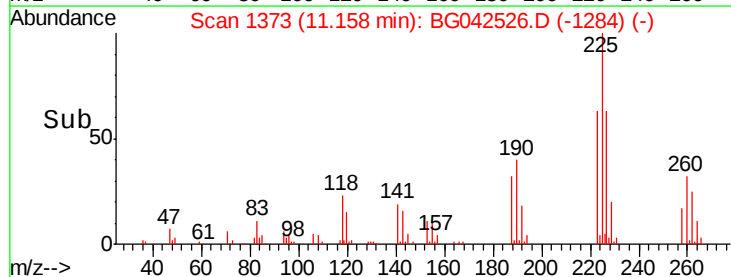
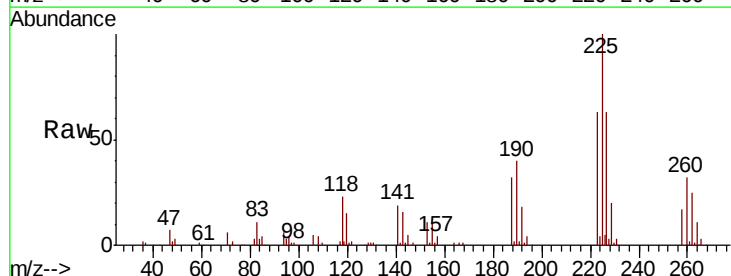
Instrument :
BNA_F
ClientSampled :

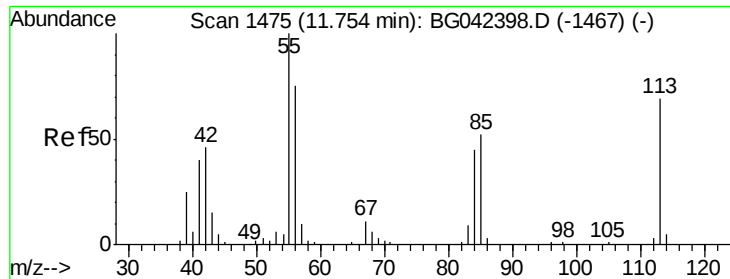
Tot Ion:	127	Resp:	86353
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.8	40.2
65	25.2	20.7	31.1
92	17.5	13.6	20.4



#34
Hexachlorobutadiene
Concen: 41.861 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Tgt Ion:	225	Resp:	83702
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.8	74.6
227	62.9	50.9	76.3

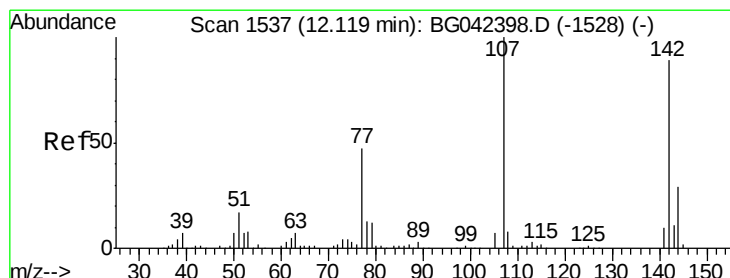
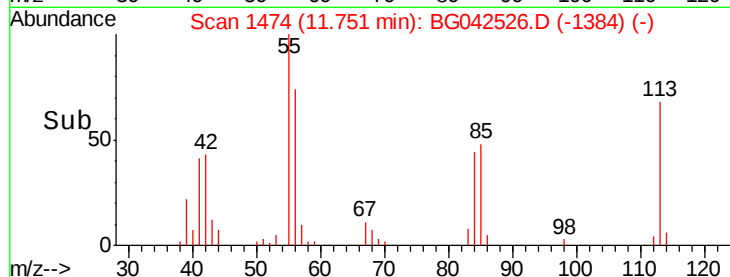
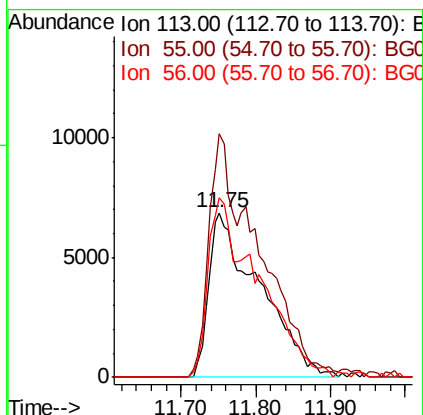
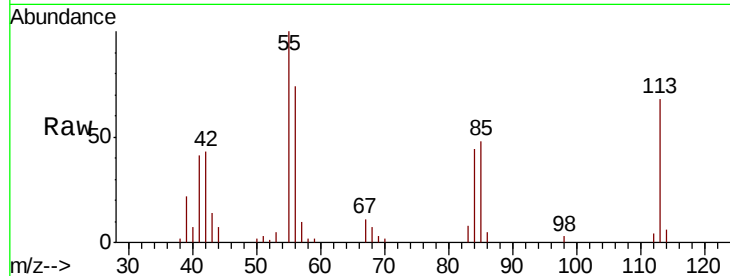




#35
 Caprolactam
 Concen: 39.863 ng
 RT: 11.75 min Scan# 1474
 Delta R.T. -0.00 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

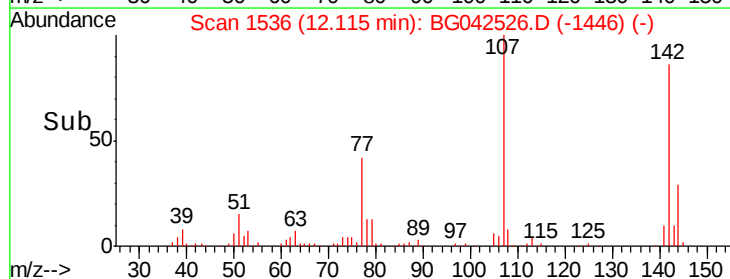
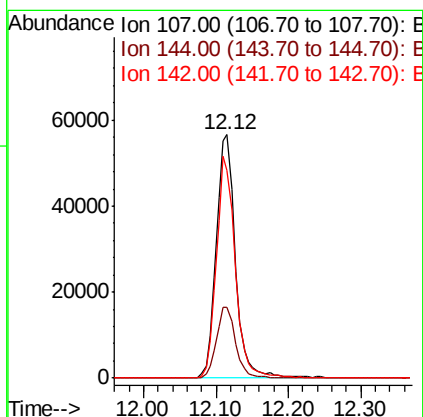
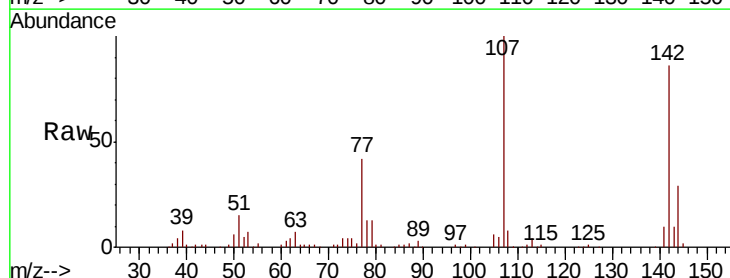
Instrument :
 BNA_F
 ClientSampleId :

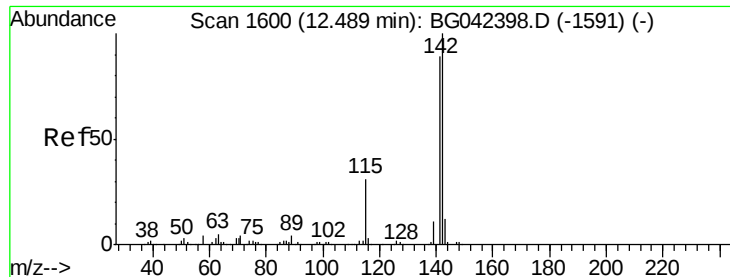
Tot Ion:113 Resp: 32241
 Ion Ratio Lower Upper
 113 100
 55 147.9 124.6 164.6
 56 109.2 88.3 128.3



#36
 4-Chloro-3-methylphenol
 Concen: 45.306 ng
 RT: 12.12 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Tgt Ion:107 Resp: 104249
 Ion Ratio Lower Upper
 107 100
 144 28.8 23.6 35.4
 142 85.5 71.0 106.4

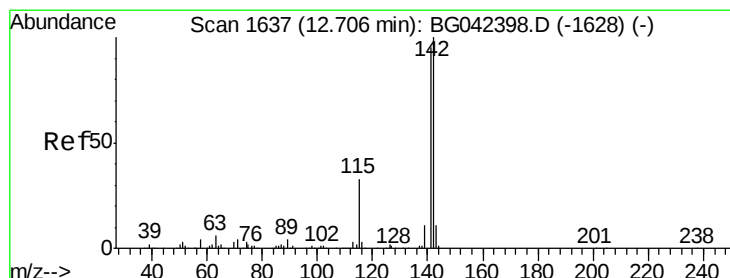
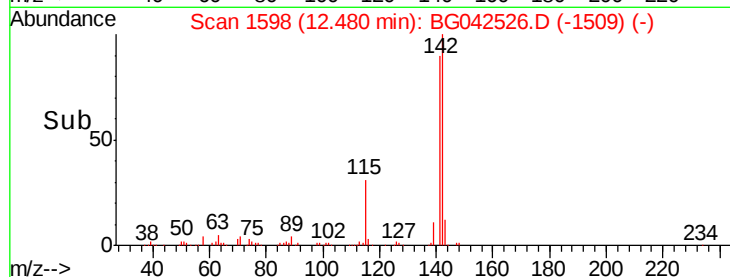
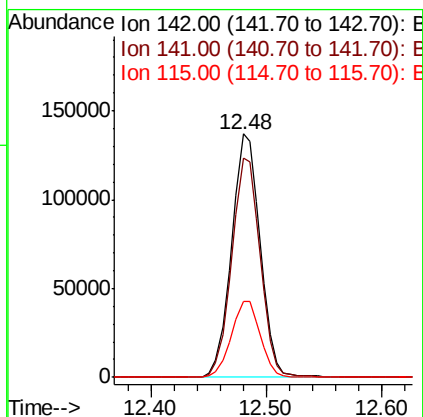
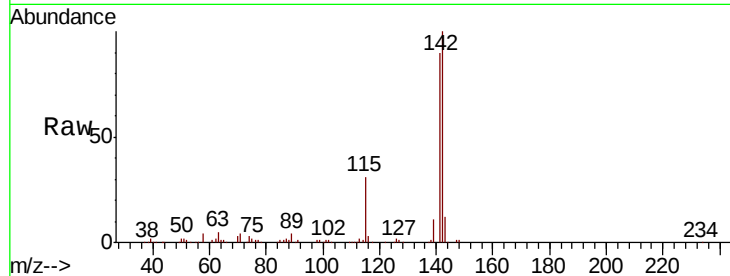




#37
 2-Methylnaphthalene
 Concen: 43.010 ng
 RT: 12.48 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

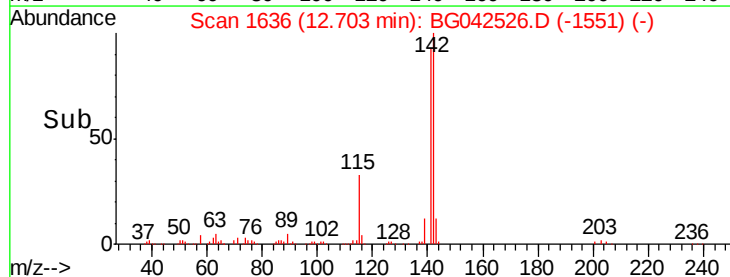
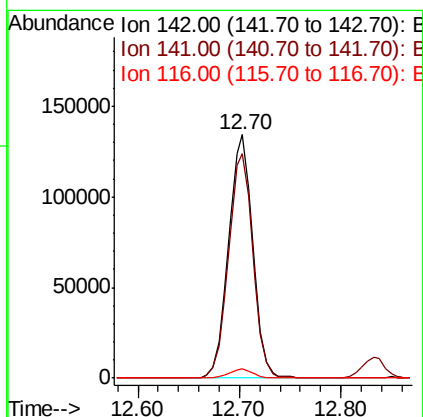
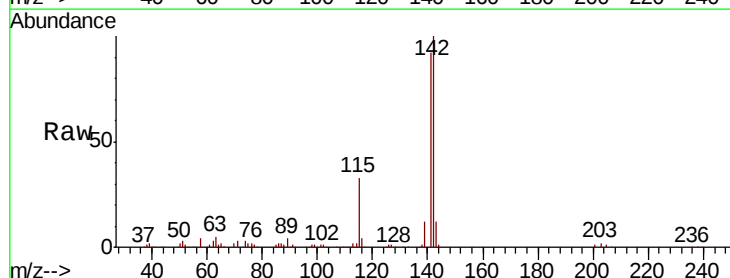
Instrument :
 BNA_F
 ClientSampleId :

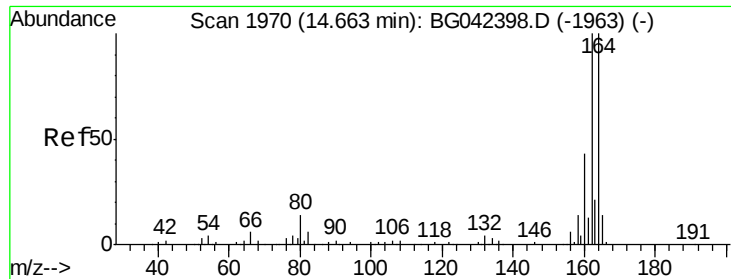
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.4	107.2
115	31.1	25.2	37.8



#38
 1-Methylnaphthalene
 Concen: 42.644 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	76.2	114.2
116	3.8	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

Instrument :

BNA_F

ClientSampleId :

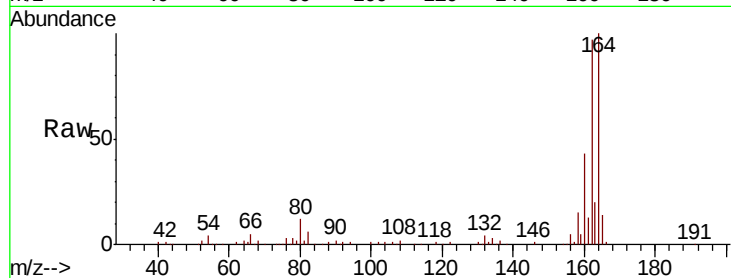
Tot Ion:164 Resp: 109073

Ion Ratio Lower Upper

164 100

162 97.1 79.9 119.9

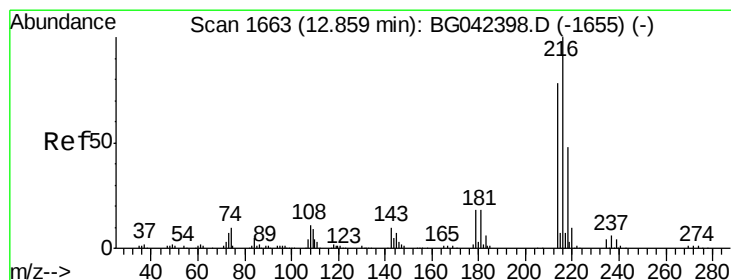
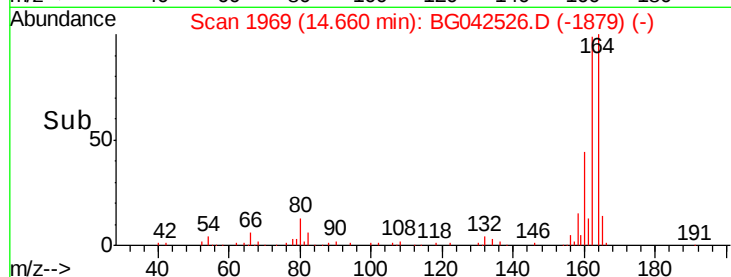
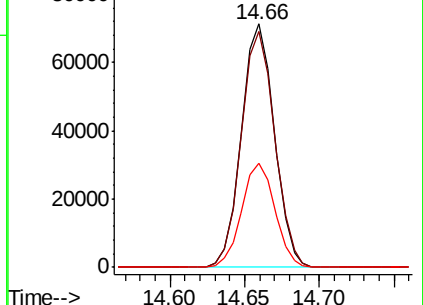
160 42.8 34.3 51.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.214 ng

RT: 12.86 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

Tgt Ion:216 Resp: 154870

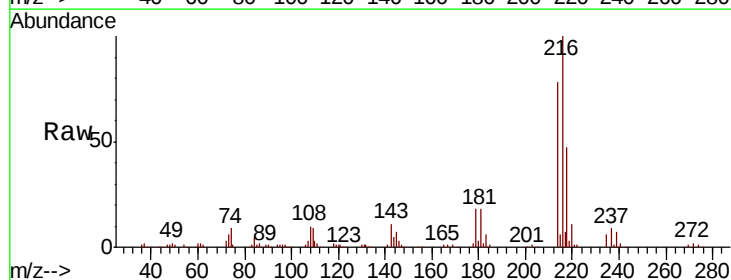
Ion Ratio Lower Upper

216 100

214 76.7 61.4 92.2

179 18.9 15.1 22.7

108 13.3 9.4 14.0

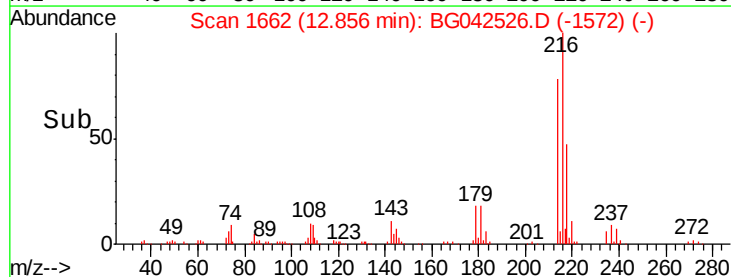
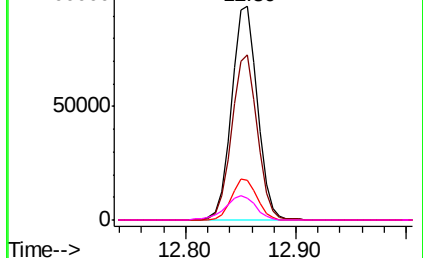


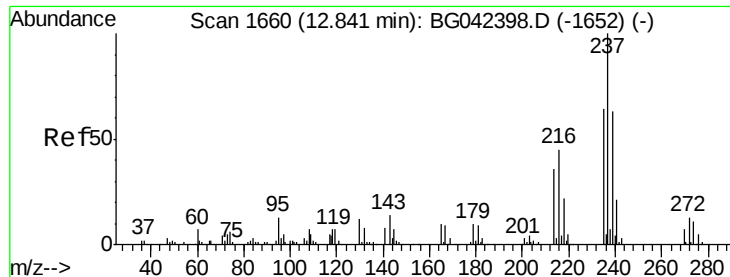
Abundance Ion 216.00 (215.70 to 216.70): E

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: 103.405 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

Instrument :

BNA_F

ClientSampleId :

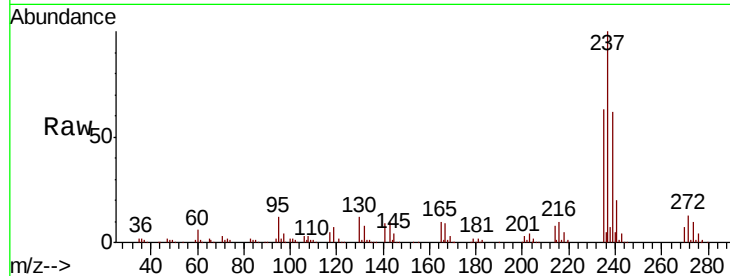
Tot Ion:237 Resp: 190258

Ion Ratio Lower Upper

237 100

235 63.1 43.7 83.7

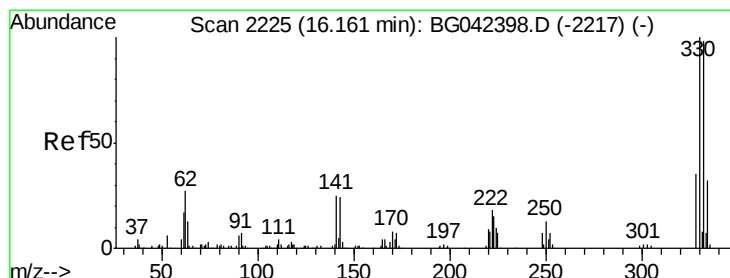
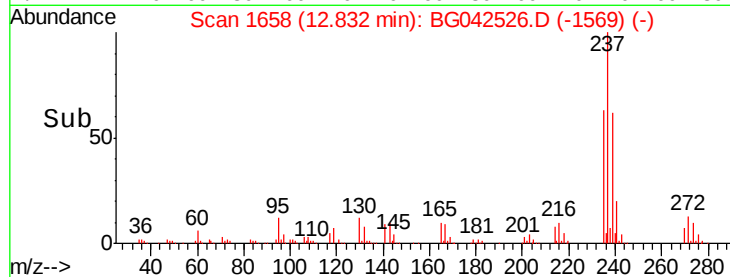
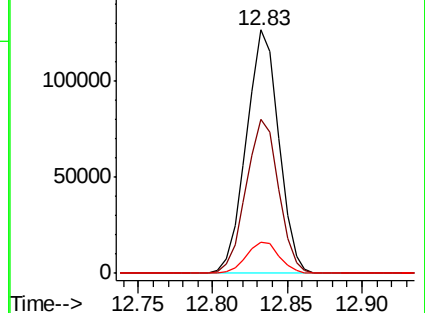
272 12.9 0.0 33.3



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: 112.588 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

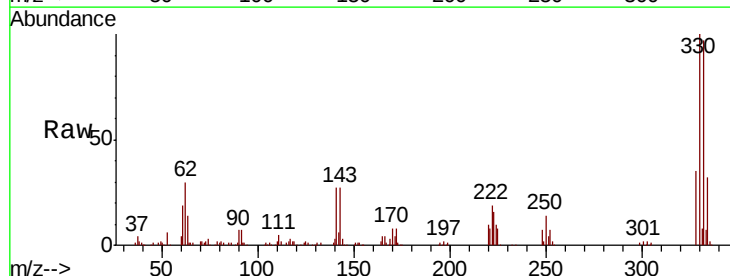
Tgt Ion:330 Resp: 174545

Ion Ratio Lower Upper

330 100

332 97.7 77.4 116.0

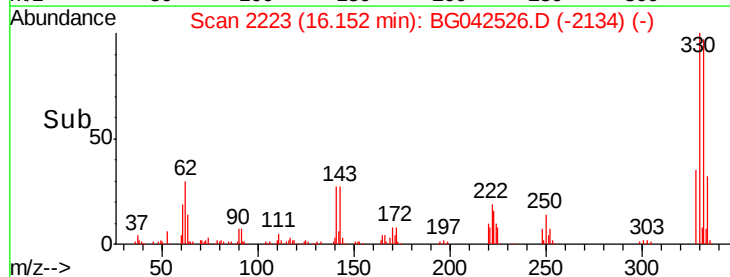
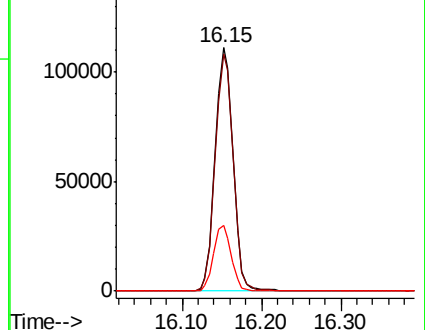
141 27.0 21.4 32.0

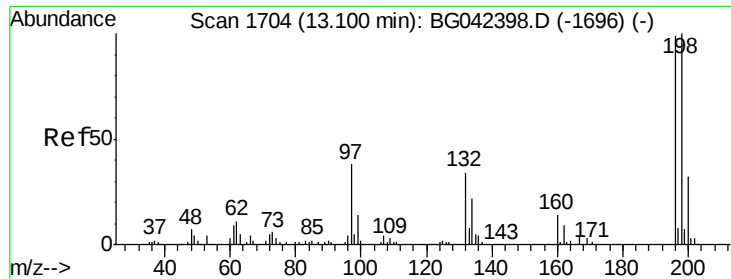


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

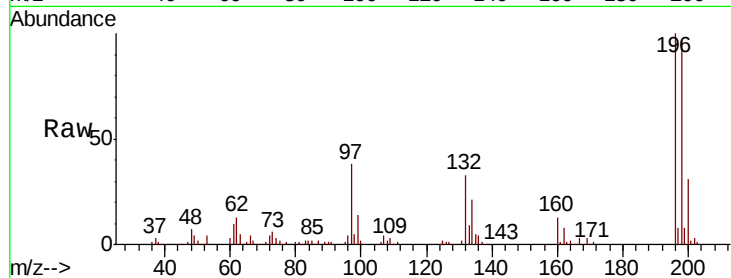




#43
 2,4,6-Trichlorophenol
 Concen: 43.144 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.5	80.7	121.1
200	31.2	25.7	38.5

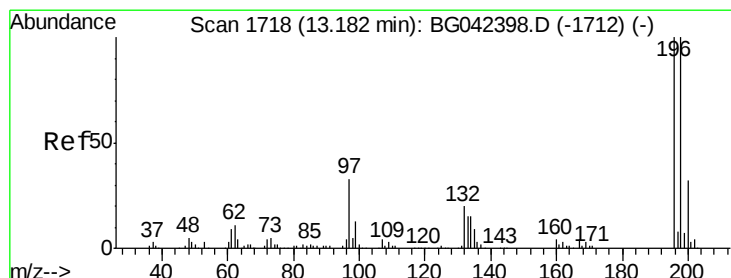
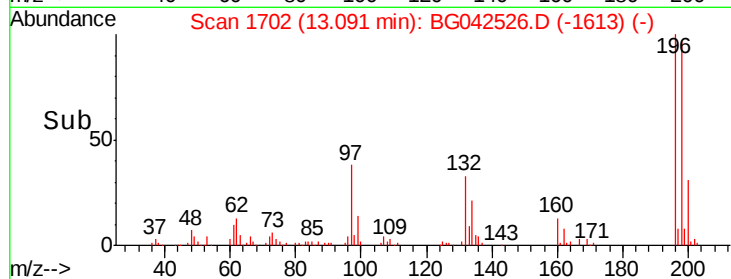
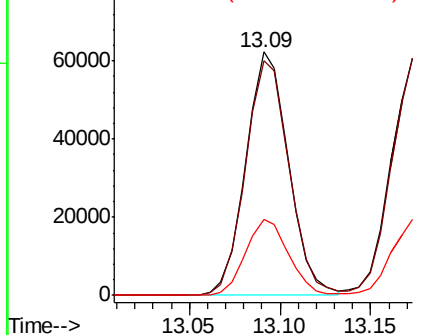


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 45.579 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.3	80.2	120.4
97	34.7	26.3	39.5
132	21.0	16.6	24.8

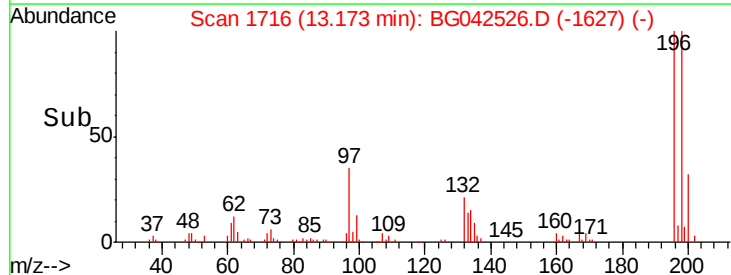
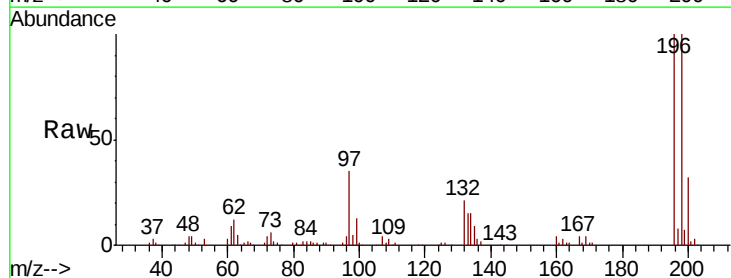
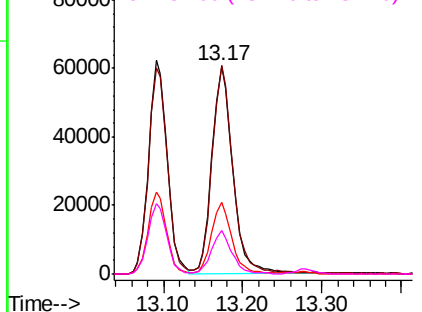
Abundance

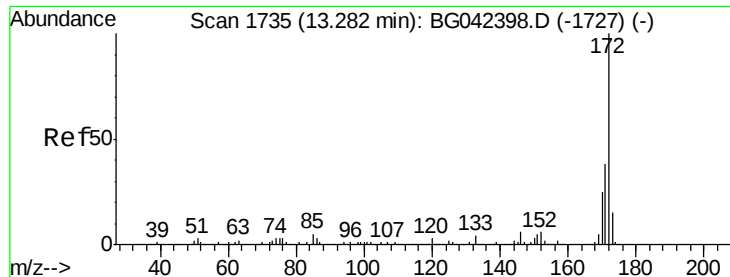
Ion 196.00 (195.70 to 196.70): E

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

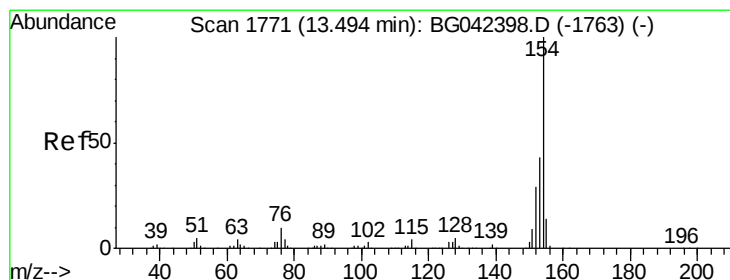
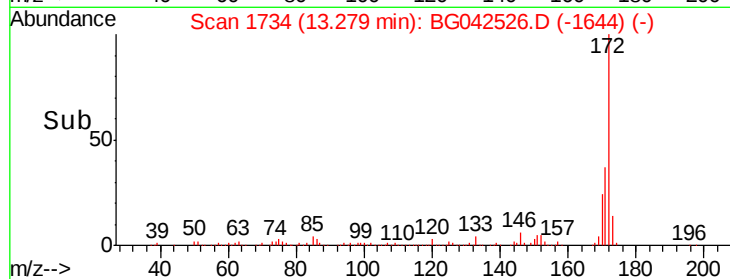
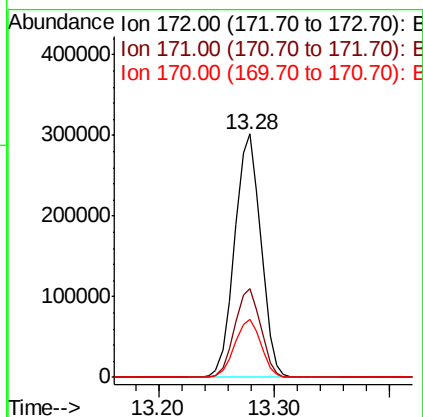
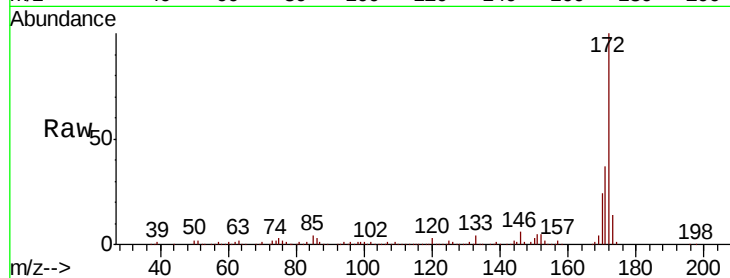




#45
2-Fluorobiphenyl
Concen: 73.462 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

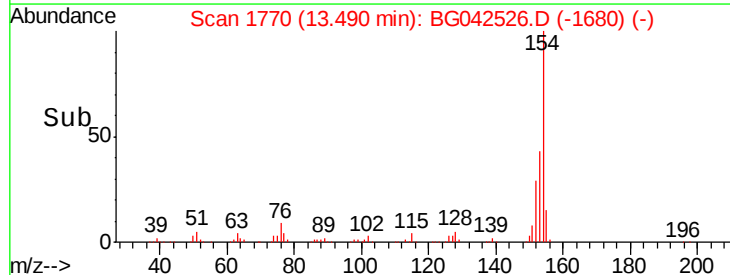
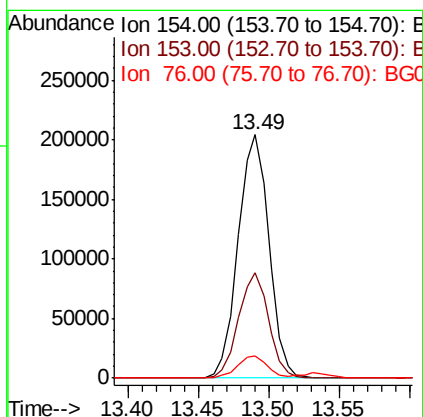
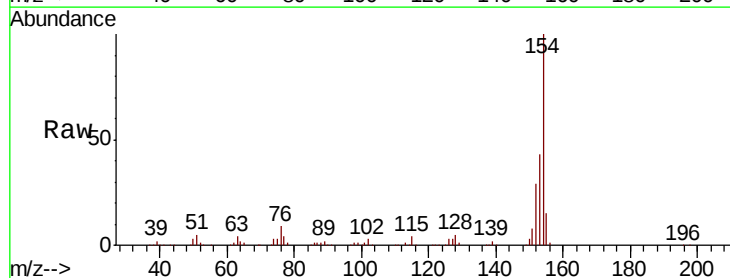
Instrument :
BNA_F
ClientSampleId :

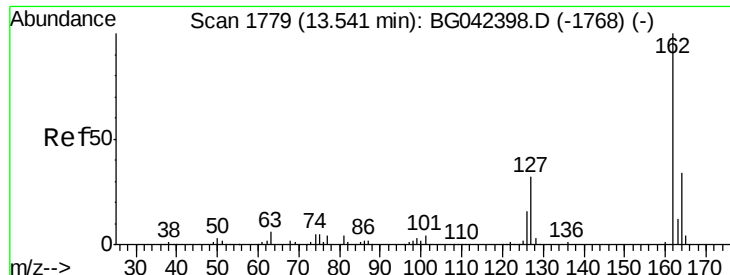
Tot Ion:172 Resp: 473764
Ion Ratio Lower Upper
172 100
171 36.7 30.5 45.7
170 24.0 20.2 30.2



#46
1,1'-Biphenyl
Concen: 44.329 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Tgt Ion:154 Resp: 312542
Ion Ratio Lower Upper
154 100
153 43.1 23.0 63.0
76 8.9 0.0 29.6

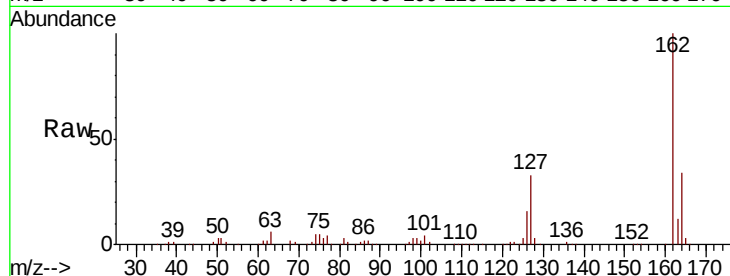




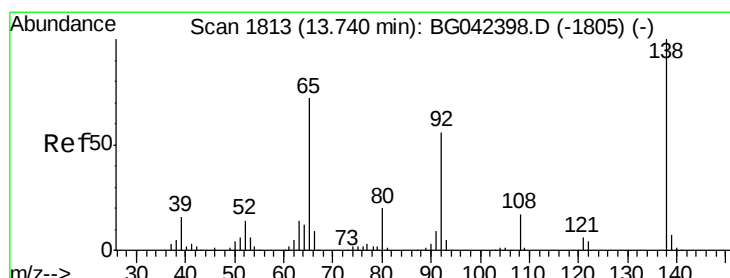
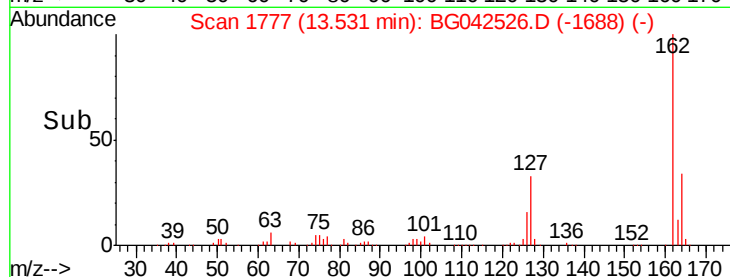
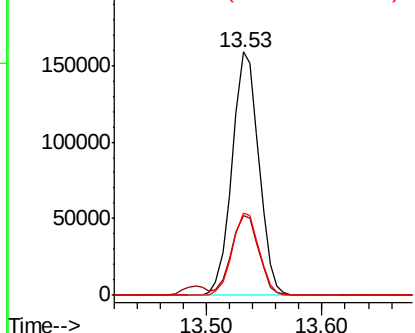
#47
 2-Chloronaphthalene
 Concen: 41.872 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 254561
 Ion Ratio Lower Upper
 162 100
 127 32.7 26.0 39.0
 164 33.8 27.4 41.0

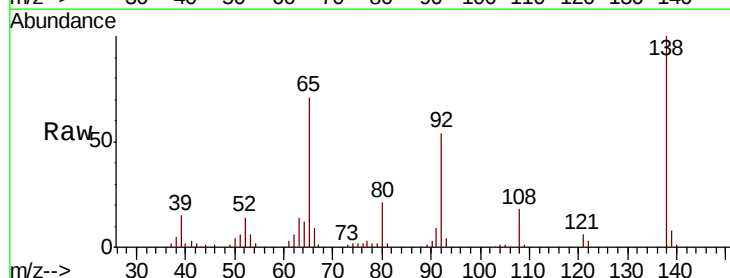


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

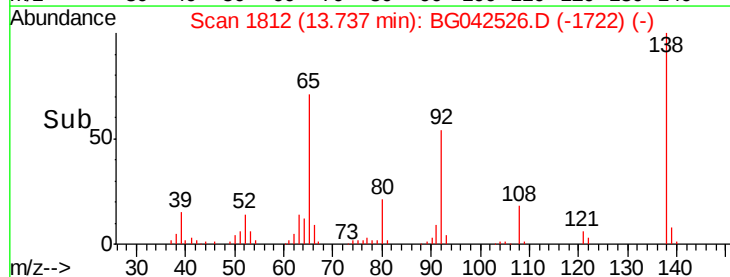
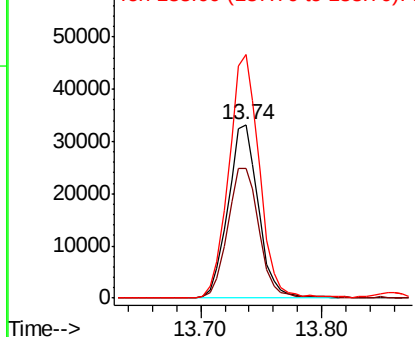


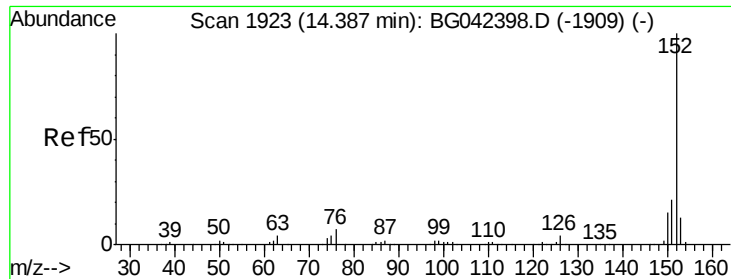
#48
 2-Nitroaniline
 Concen: 39.525 ng
 RT: 13.74 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Tgt Ion: 65 Resp: 57944
 Ion Ratio Lower Upper
 65 100
 92 75.0 61.8 92.6
 138 140.2 111.0 166.6



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: 44.080 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

Instrument :

BNA_F

ClientSampleId :

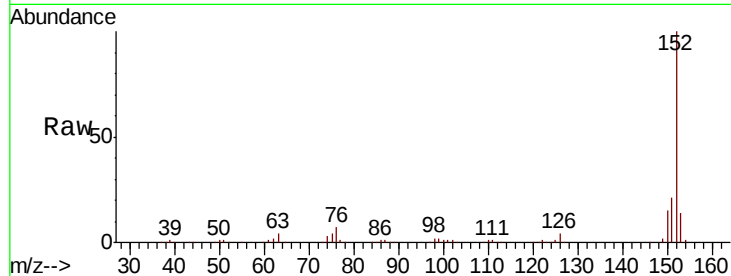
Tot Ion:152 Resp: 403167

Ion Ratio Lower Upper

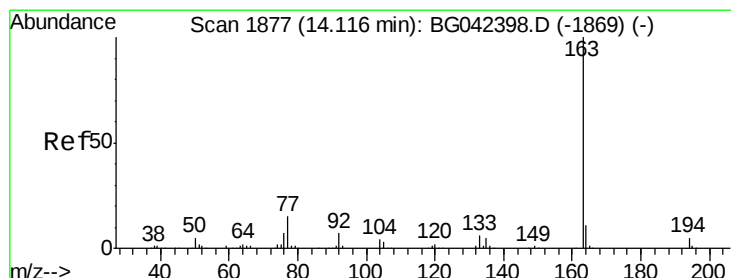
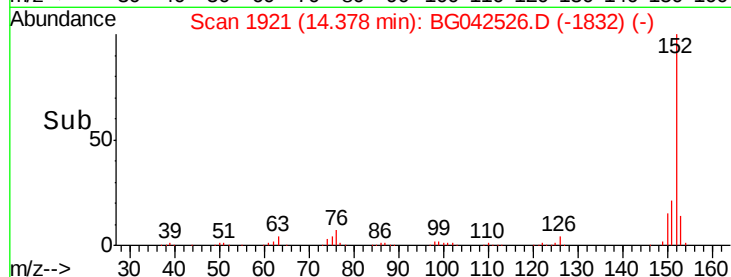
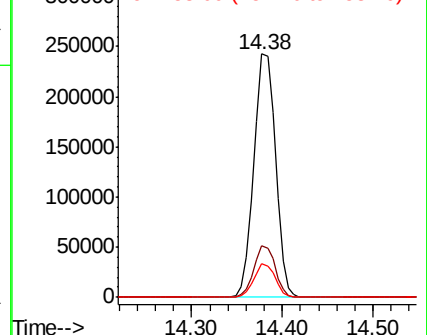
152 100

151 21.3 17.0 25.4

153 14.0 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.624 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

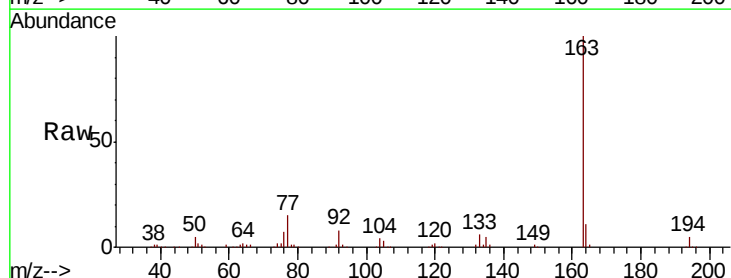
Tgt Ion:163 Resp: 327578

Ion Ratio Lower Upper

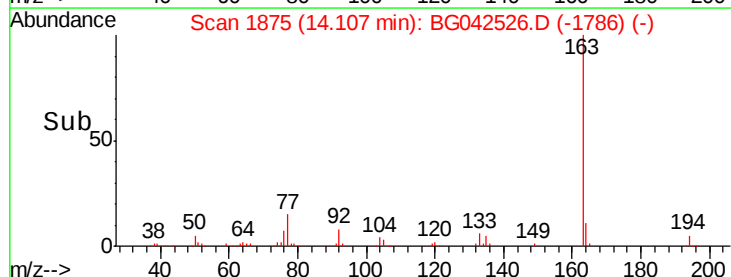
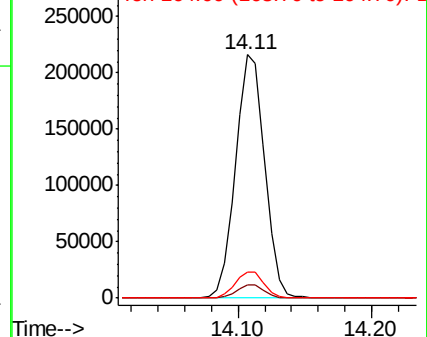
163 100

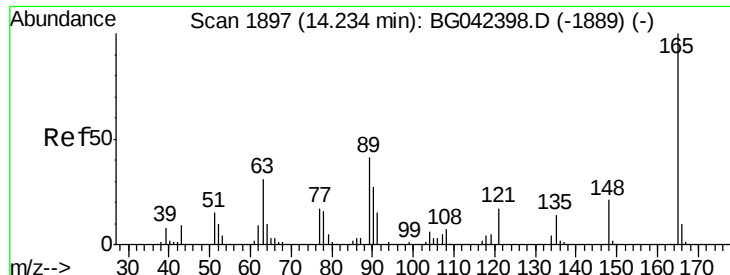
194 5.2 4.2 6.2

164 10.8 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

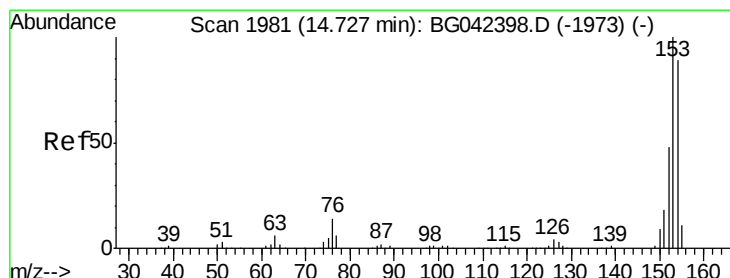
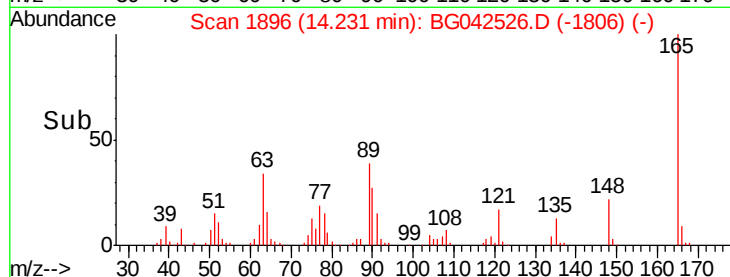
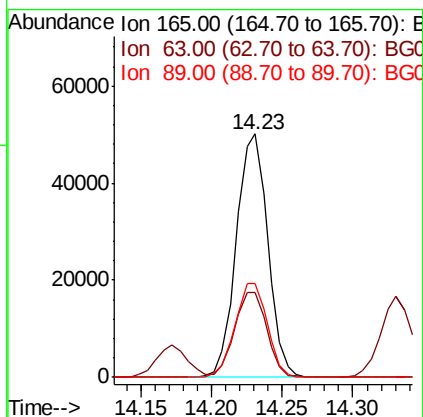
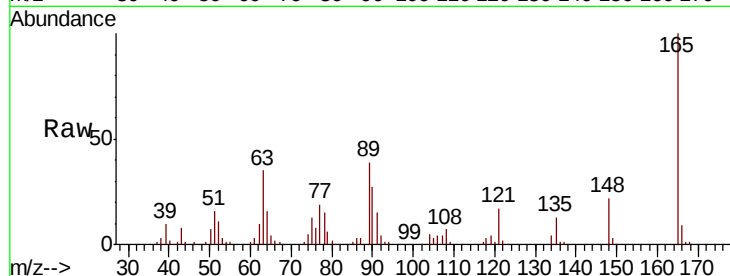




#51
 2,6-Dinitrotoluene
 Concen: 42.822 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.00 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

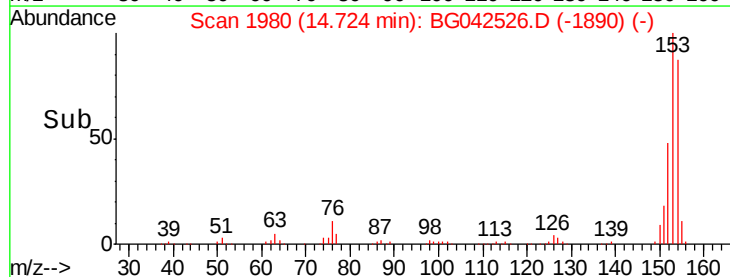
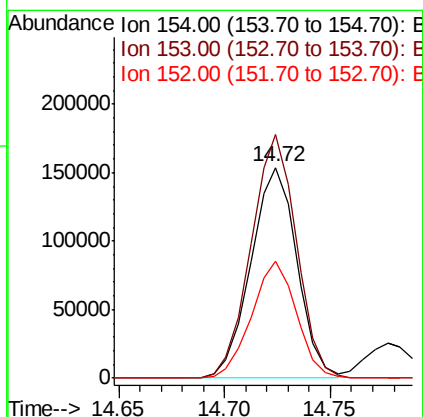
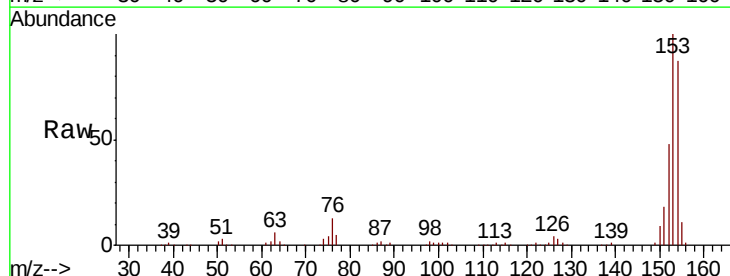
Instrument :
 BNA_F
 ClientSampleId :

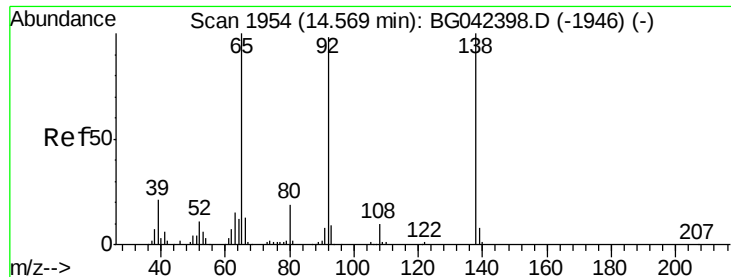
Tot Ion:165 Resp: 78116
 Ion Ratio Lower Upper
 165 100
 63 34.9 30.6 45.8
 89 38.7 32.6 49.0



#52
 Acenaphthene
 Concen: 41.990 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Tgt Ion:154 Resp: 233202
 Ion Ratio Lower Upper
 154 100
 153 115.4 90.2 135.4
 152 55.1 43.2 64.8

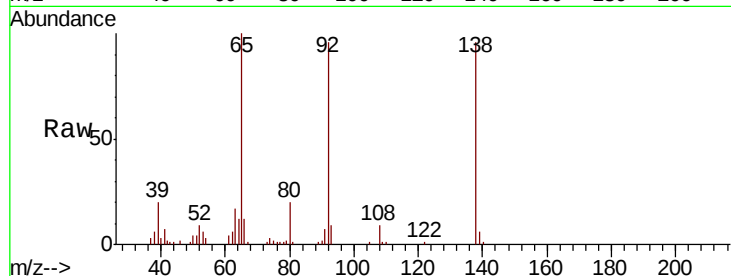




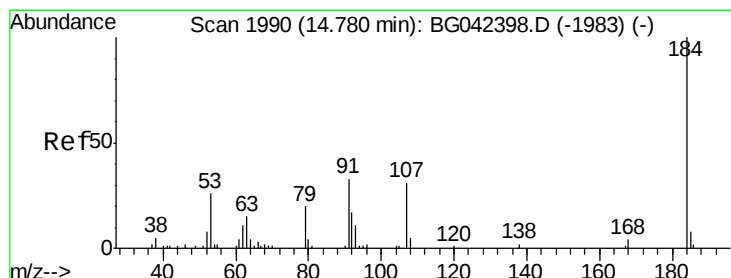
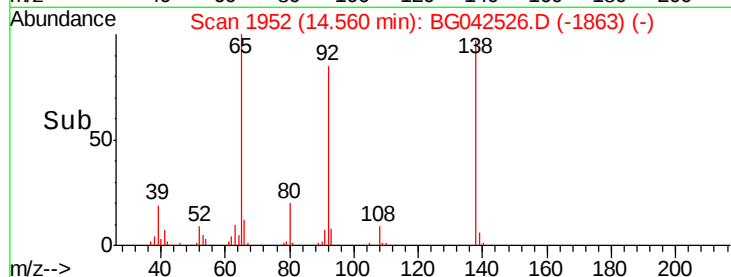
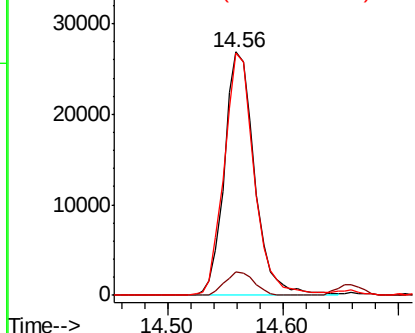
#53
3-Nitroaniline
Concen: 26.712 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 48733
Ion Ratio Lower Upper
138 100
108 9.6 8.3 12.5
92 99.5 78.2 117.4

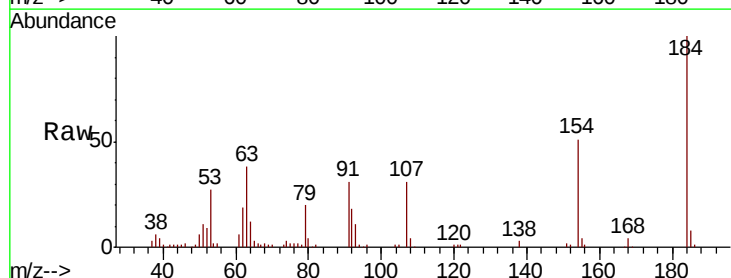


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

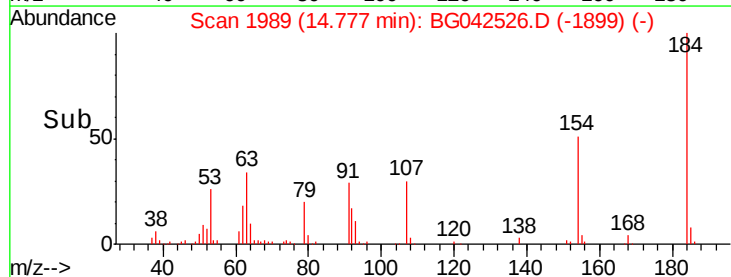
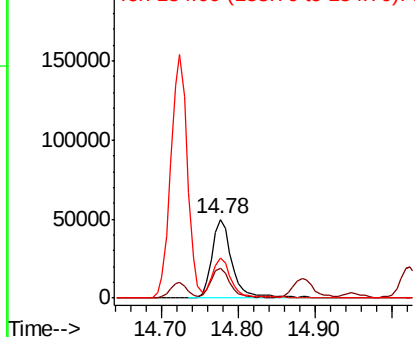


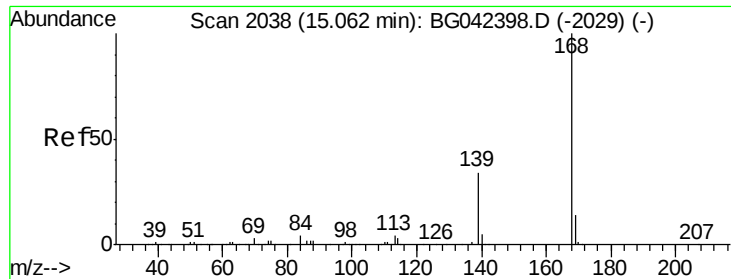
#54
2,4-Dinitrophenol
Concen: 74.521 ng
RT: 14.78 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Tgt Ion:184 Resp: 91065
Ion Ratio Lower Upper
184 100
63 38.0 31.7 47.5
154 50.9 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

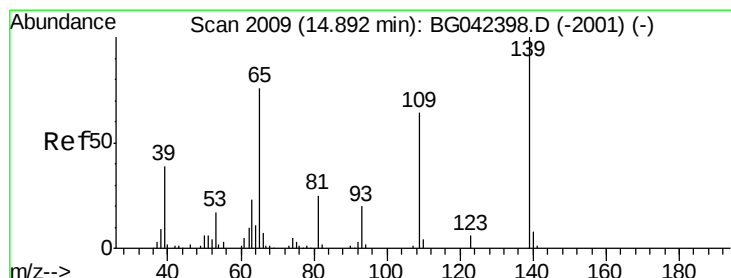
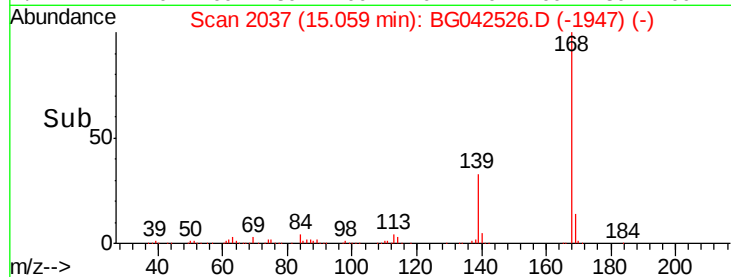
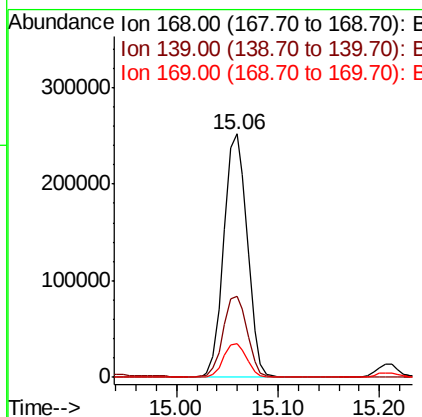
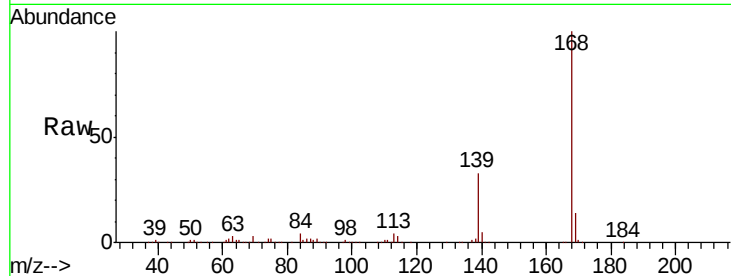




#55
Dibenzenofuran
Concen: 43.988 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

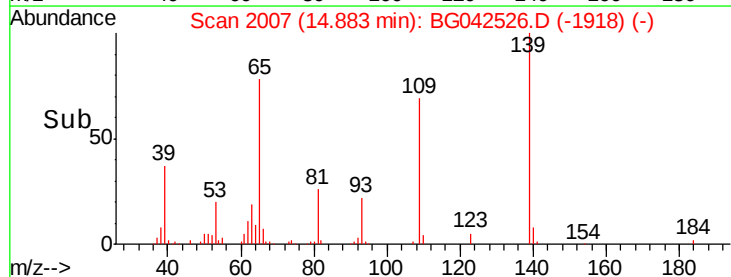
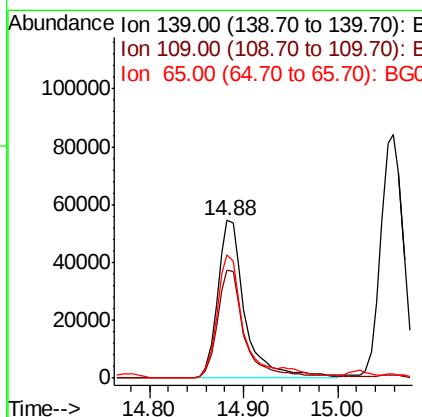
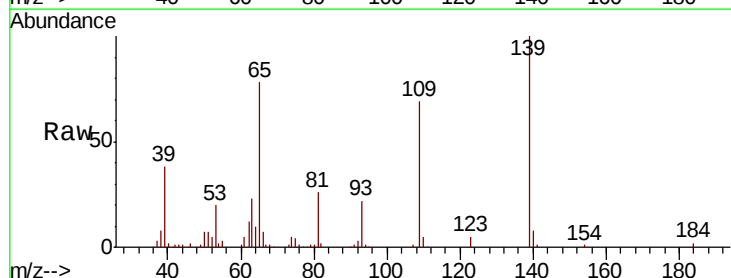
Instrument :
BNA_F
ClientSampleId :

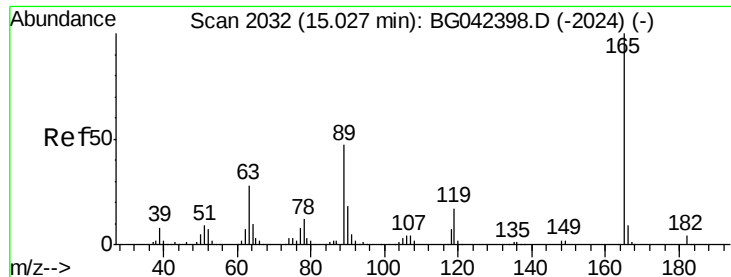
Tot Ion	Ratio	Lower	Upper
168	100		
139	33.4	27.2	40.8
169	13.8	11.5	17.3



#56
4-Nitrophenol
Concen: 85.853 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.5	43.9	83.9
65	78.1	56.3	96.3

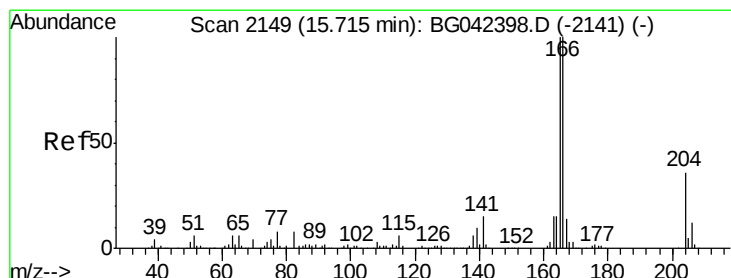
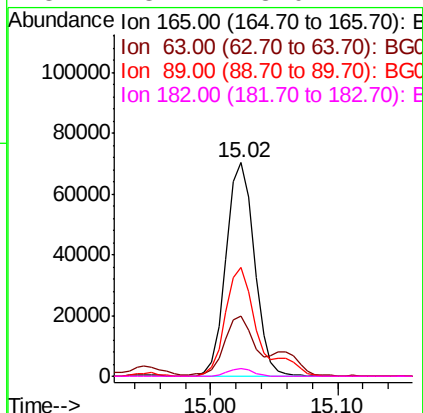
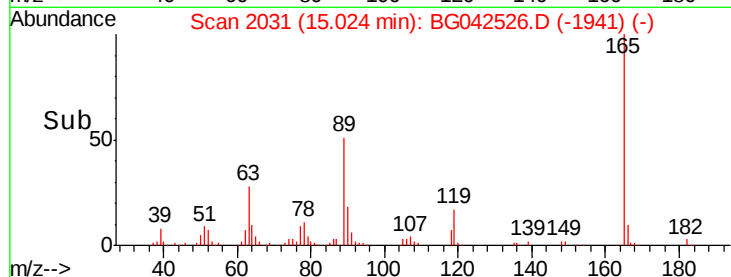
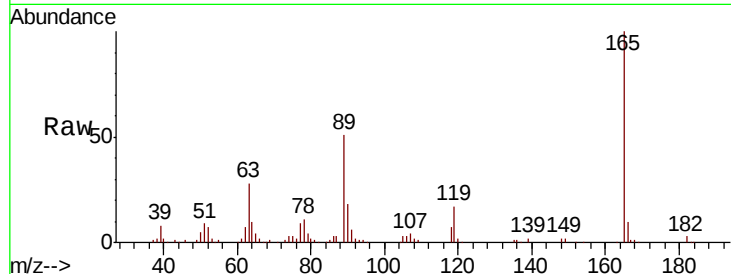




#57
 2,4-Dinitrotoluene
 Concen: 41.583 ng
 RT: 15.02 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

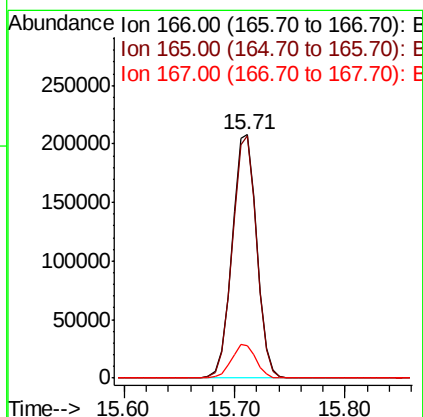
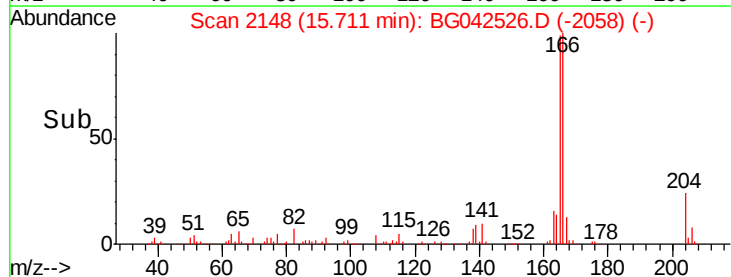
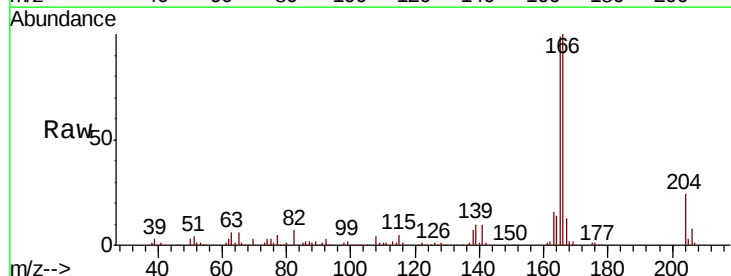
Instrument :
 BNA_F
 ClientSampled :

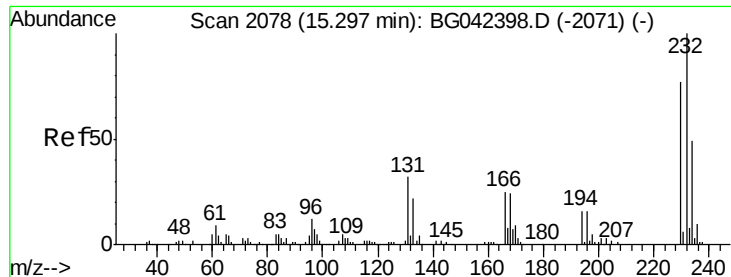
Tot Ion	Ratio	Lower	Upper
165	100		
63	28.4	22.5	33.7
89	51.0	37.8	56.6
182	3.4	3.0	4.4



#58
 Fluorene
 Concen: 43.121 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.7	119.5
167	13.4	10.9	16.3

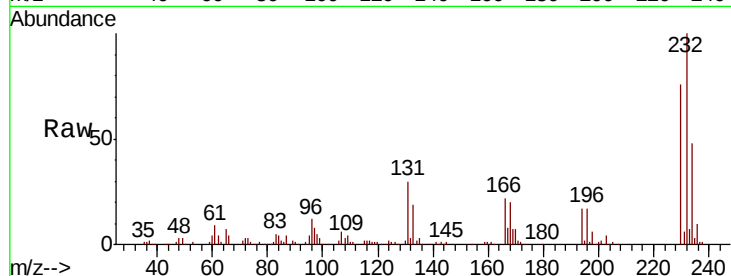




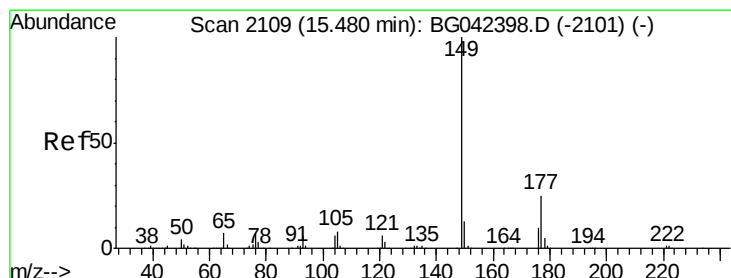
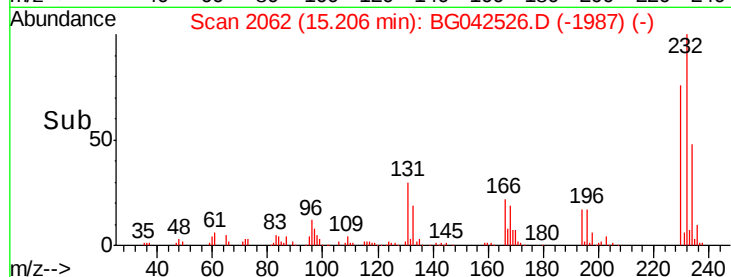
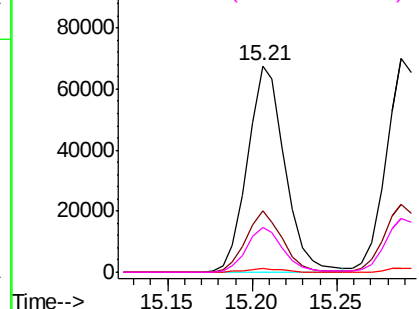
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.757 ng
 RT: 15.21 min Scan# 2062
 Delta R.T. -0.09 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:232	Resp:	103743
Ion	Ratio	Lower Upper
232	100	
131	28.9	22.9 34.3
130	1.6	1.4 2.0
166	21.1	17.0 25.4

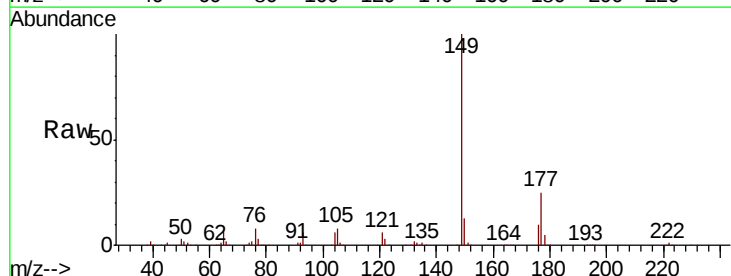


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

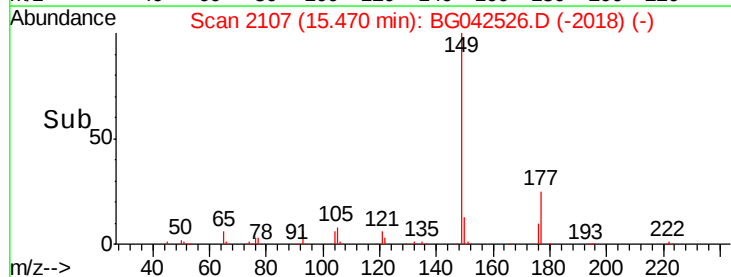
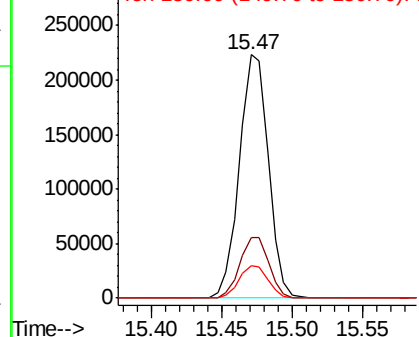


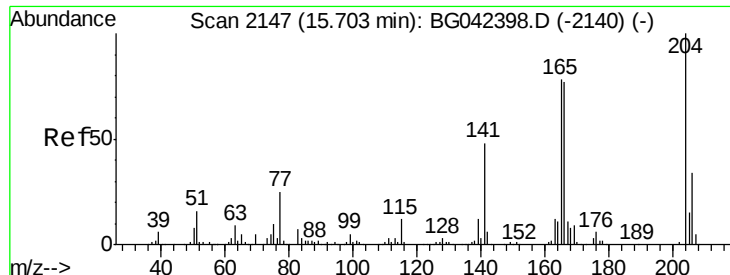
#60
 Diethylphthalate
 Concen: 41.522 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Tgt Ion:149	Resp:	319444
Ion	Ratio	Lower Upper
149	100	
177	25.1	20.4 30.6
150	13.1	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

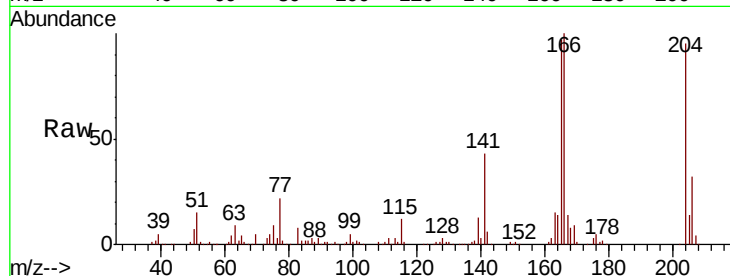




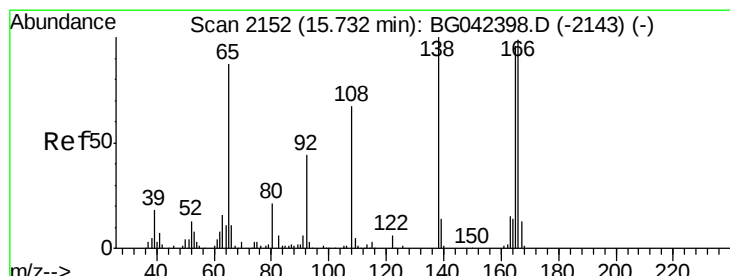
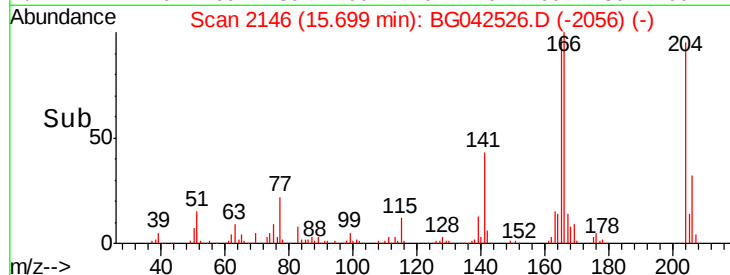
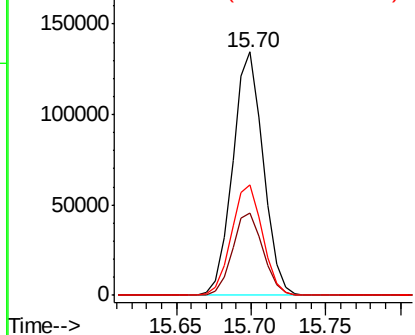
#61
 4-Chlorophenyl-phenylether
 Concen: 42.393 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.00 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 192041
 Ion Ratio Lower Upper
 204 100
 206 33.6 27.2 40.8
 141 45.5 38.7 58.1

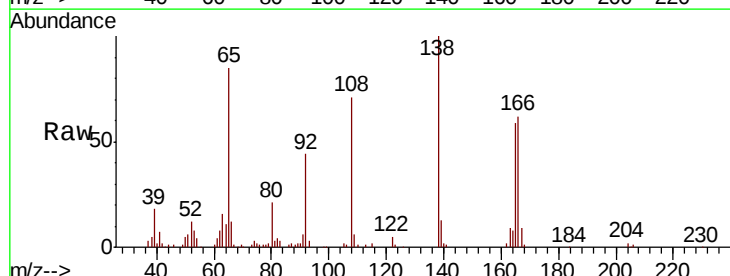


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

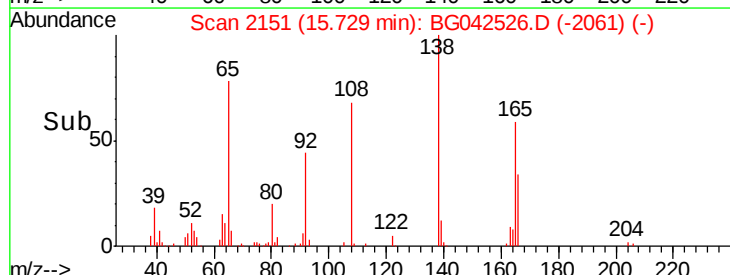
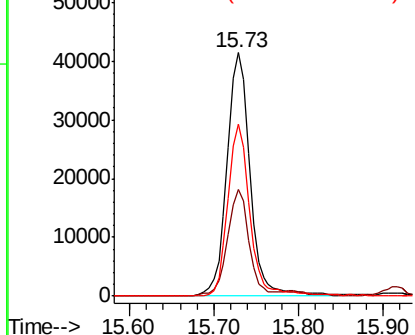


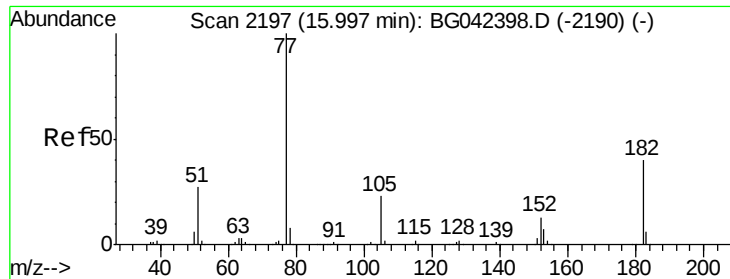
#62
 4-Nitroaniline
 Concen: 40.025 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Tgt Ion:138 Resp: 78150
 Ion Ratio Lower Upper
 138 100
 92 43.7 24.2 64.2
 108 70.8 46.8 86.8



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





#63

Azobenzene

Concen: 41.612 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 219364

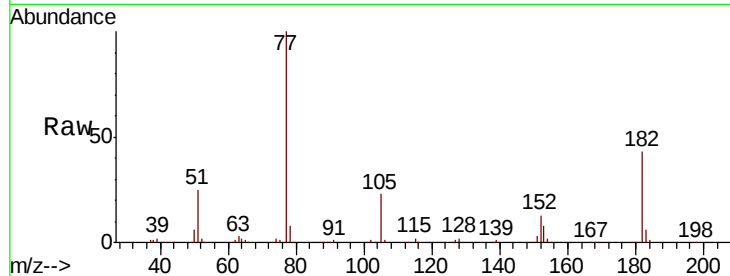
Ion Ratio Lower Upper

77 100

182 42.7 19.9 59.9

105 22.8 2.9 42.9

51 25.4 7.6 47.6

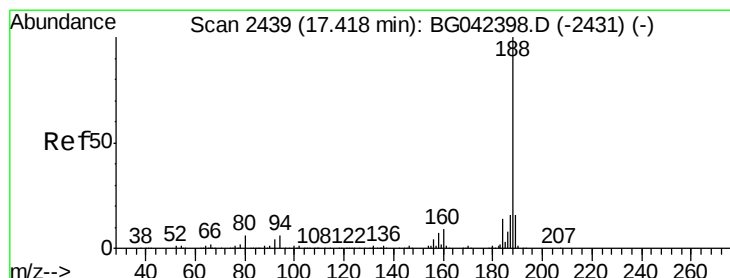
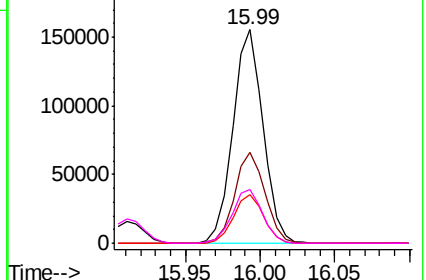
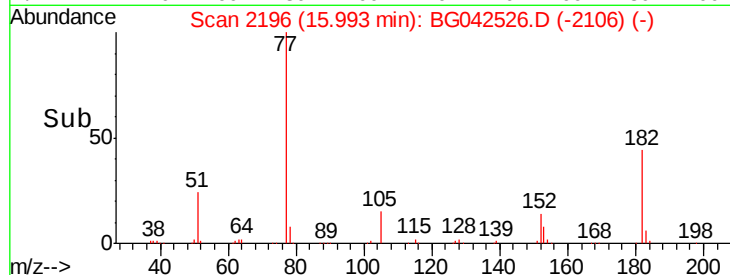


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

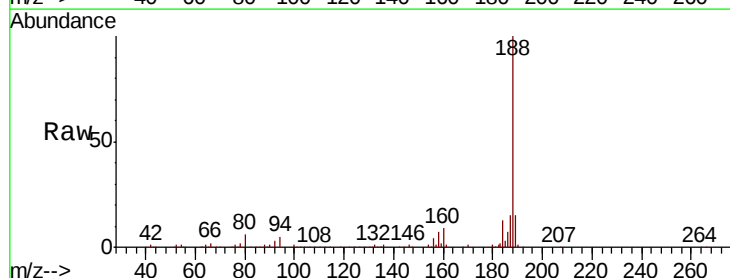
Tgt Ion: 188 Resp: 253939

Ion Ratio Lower Upper

188 100

94 5.2 4.5 6.7

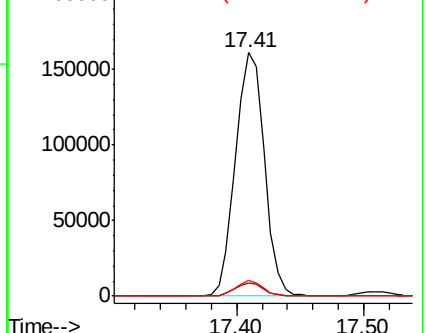
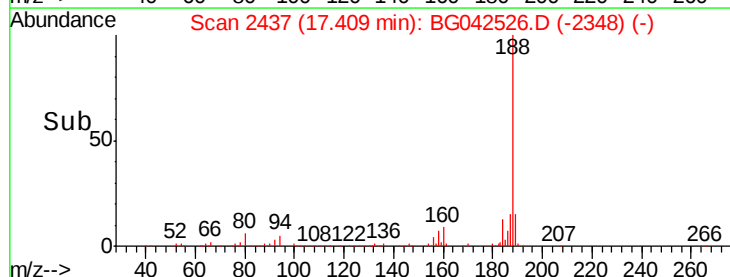
80 6.3 4.9 7.3

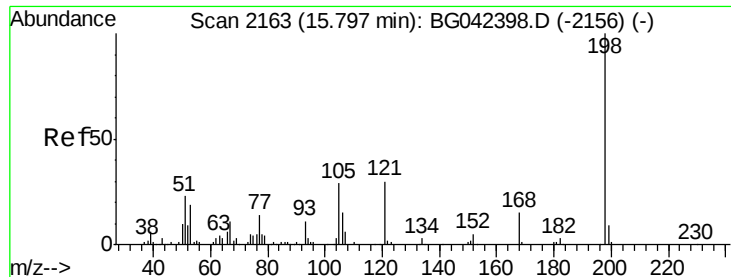


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 45.188 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

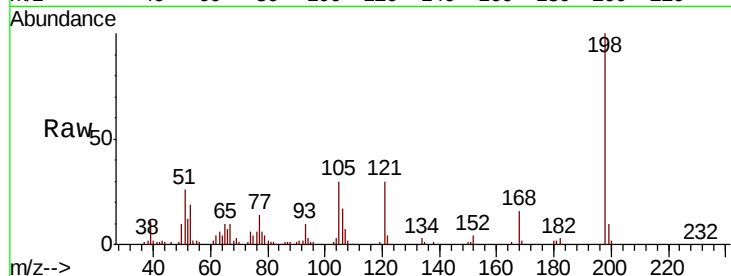
Instrument :

BNA_F

ClientSampled :

Tot Ion:198 Resp: 71944

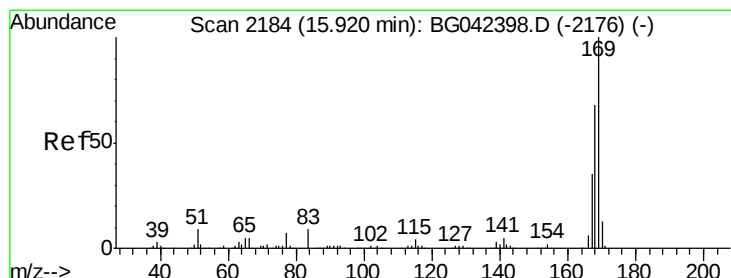
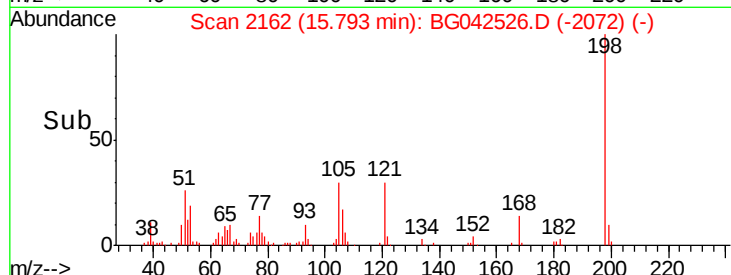
Ion	Ratio	Lower	Upper
198	100		
51	25.8	4.2	44.2
105	29.8	8.8	48.8



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: 43.360 ng

RT: 15.91 min Scan# 2182

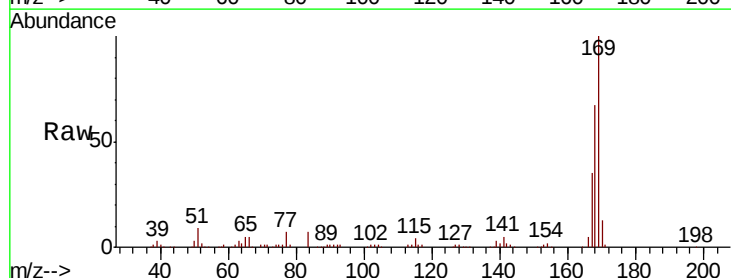
Delta R.T. -0.01 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

Tgt Ion:169 Resp: 302806

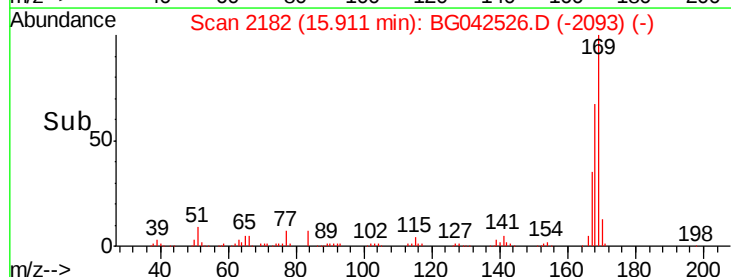
Ion	Ratio	Lower	Upper
169	100		
168	67.2	54.3	81.5
167	35.3	28.2	42.2

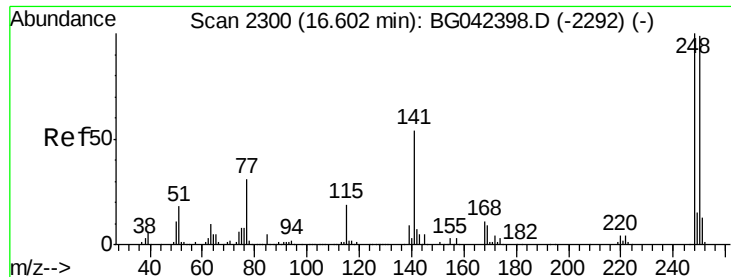


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

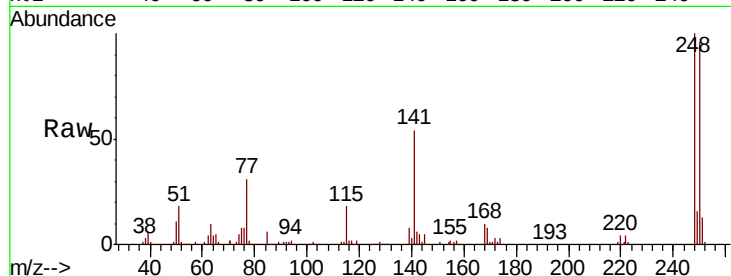




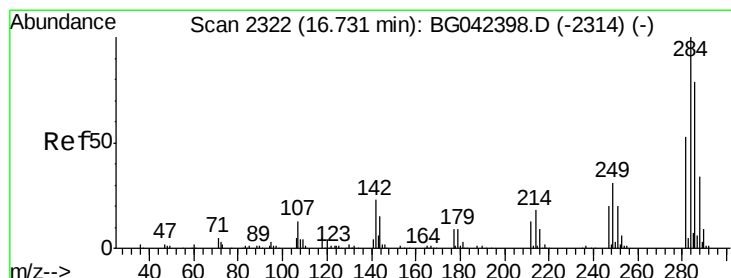
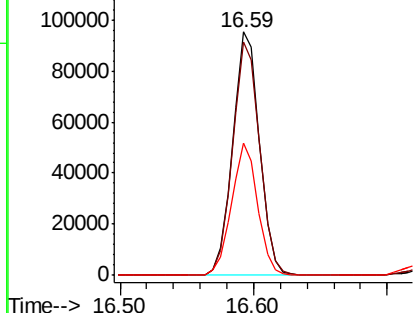
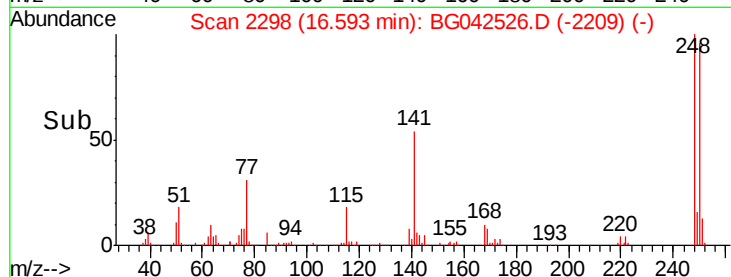
#67
4-Bromophenyl-phenylether
Concen: 41.400 ng
RT: 16.59 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 133351
Ion Ratio Lower Upper
248 100
250 95.8 78.9 118.3
141 54.2 43.3 64.9

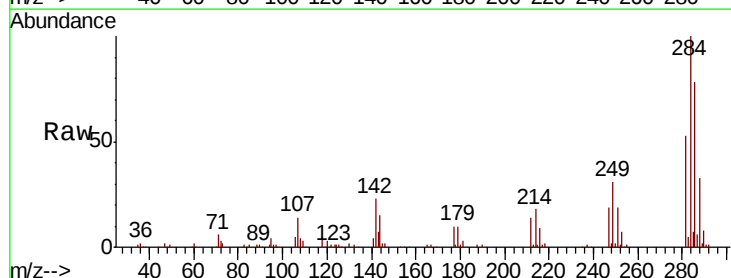


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

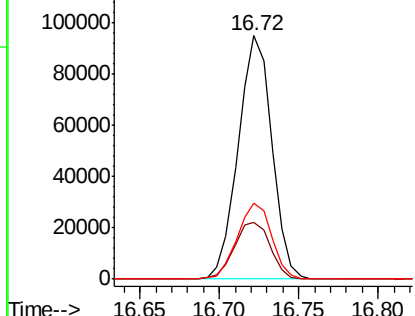
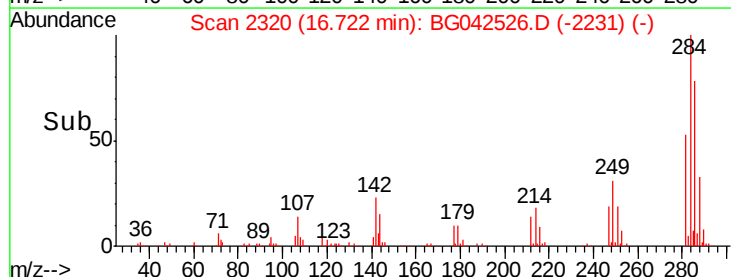


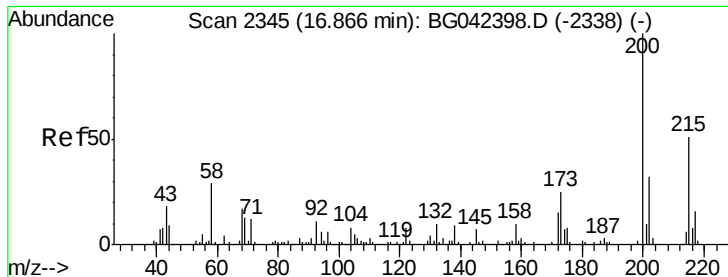
#68
Hexachlorobenzene
Concen: 39.836 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.01 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Tgt Ion:284 Resp: 139487
Ion Ratio Lower Upper
284 100
142 23.4 18.2 27.4
249 31.1 25.0 37.4



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





#69

Atrazine

Concen: 45.422 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.00 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

Instrument :

BNA_F

ClientSampleId :

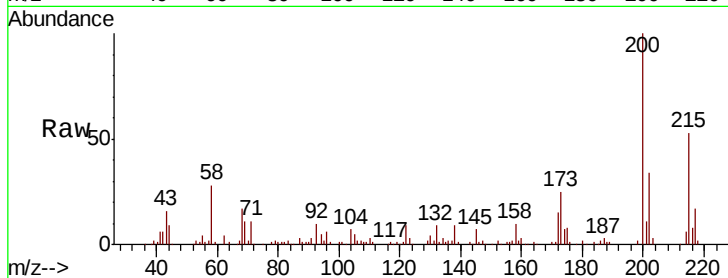
Tot Ion:200 Resp: 112173

Ion Ratio Lower Upper

200 100

173 24.5 4.9 44.9

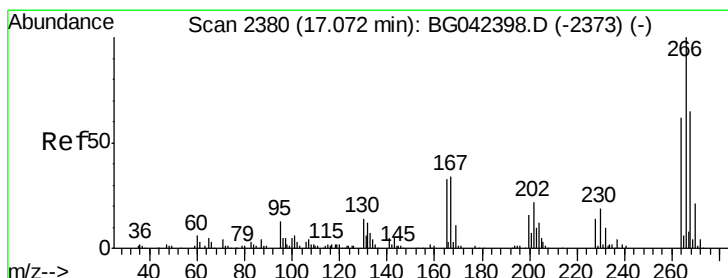
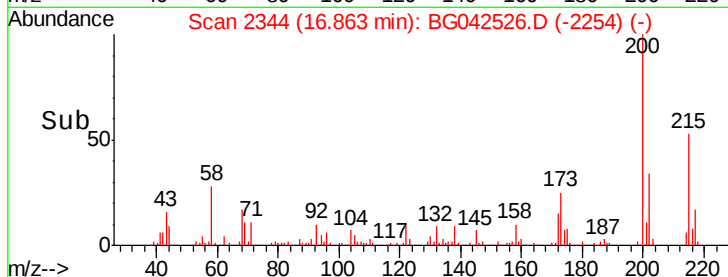
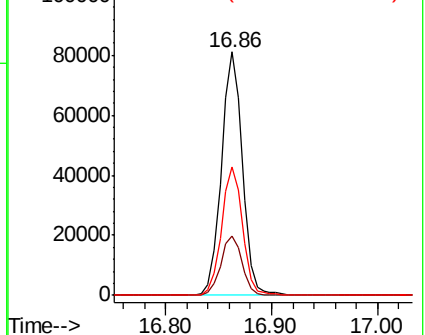
215 52.6 30.7 70.7



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: 89.932 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.00 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

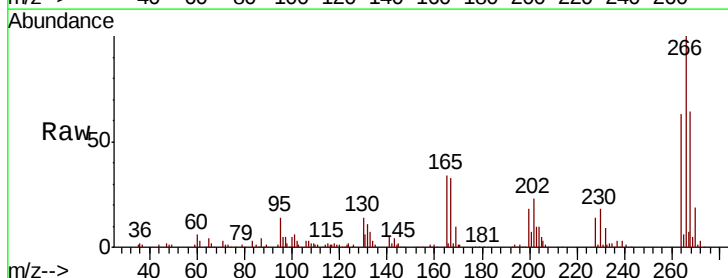
Tgt Ion:266 Resp: 163616

Ion Ratio Lower Upper

266 100

268 64.4 52.1 78.1

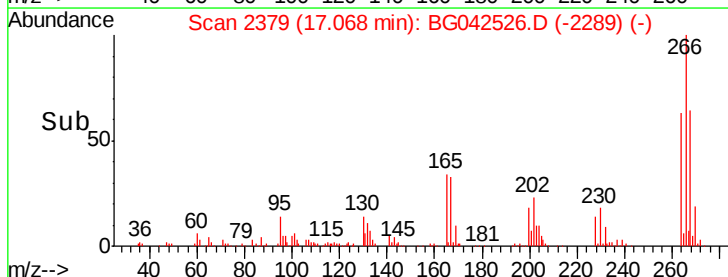
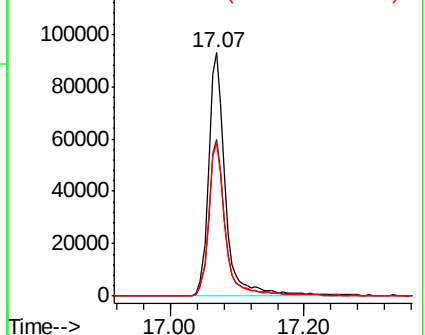
264 62.6 49.4 74.2

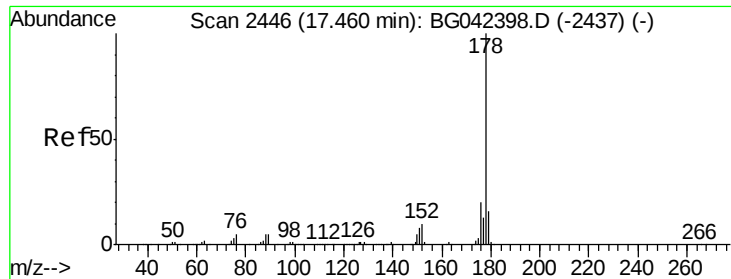


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

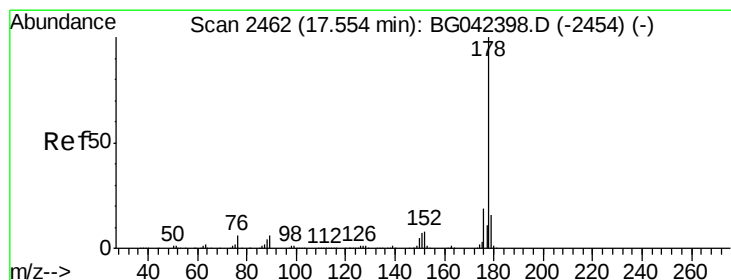
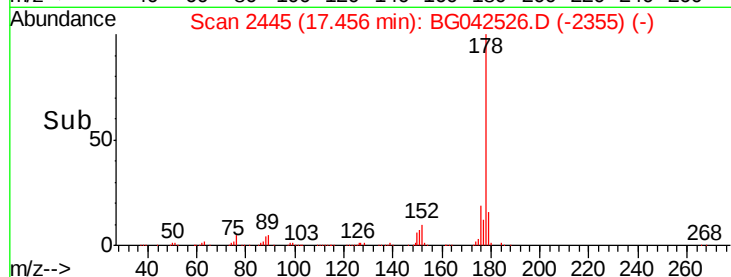
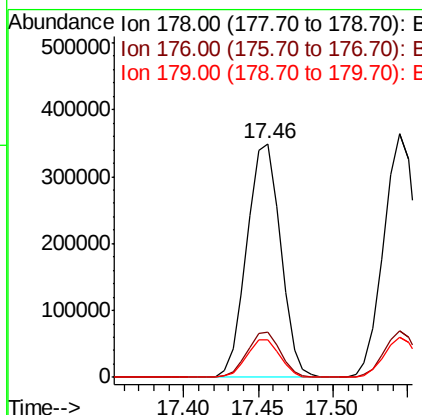
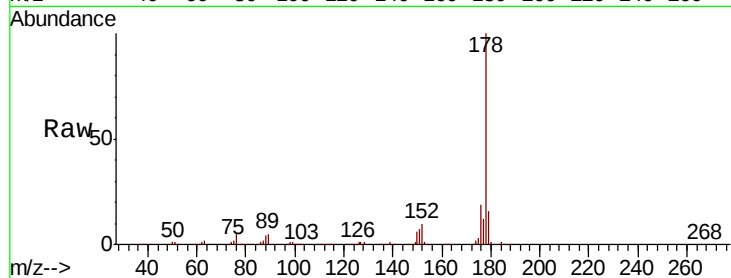




#71
Phenanthrene
Concen: 43.304 ng
RT: 17.46 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

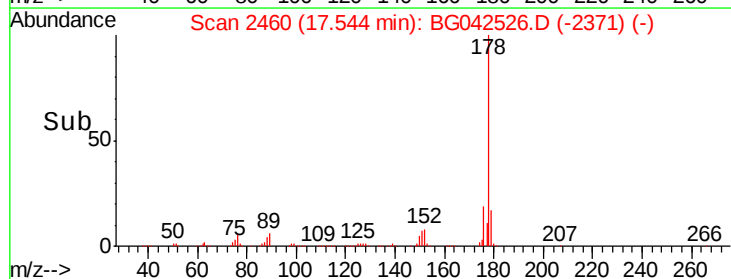
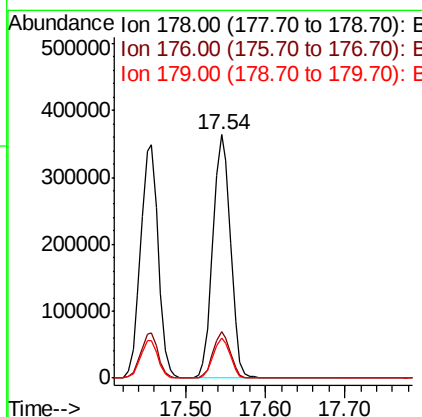
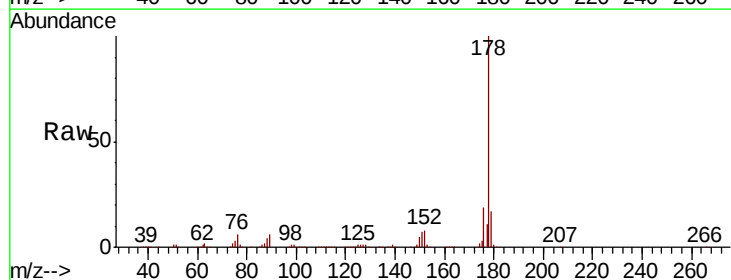
Instrument :
BNA_F
ClientSampled :

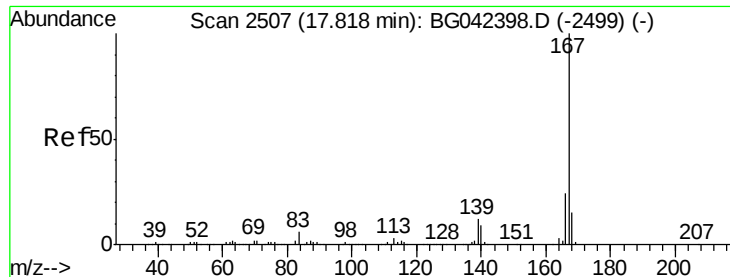
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.9	23.9
179	16.0	12.7	19.1



#72
Anthracene
Concen: 44.878 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	16.6	12.9	19.3

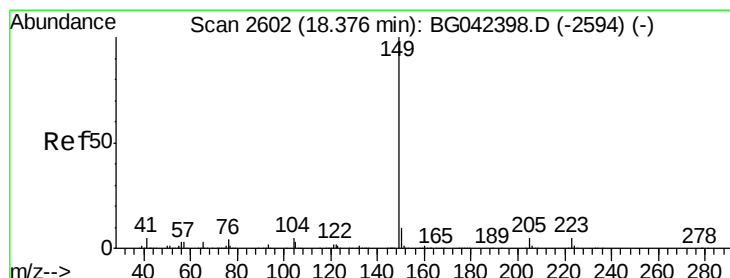
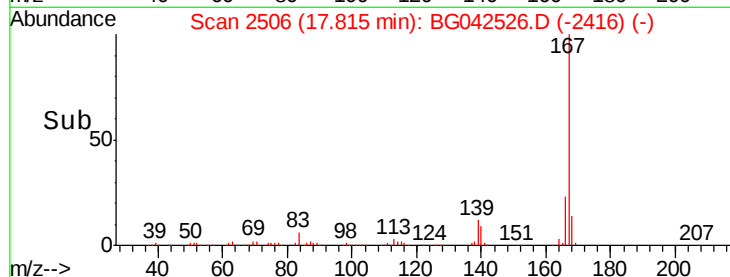
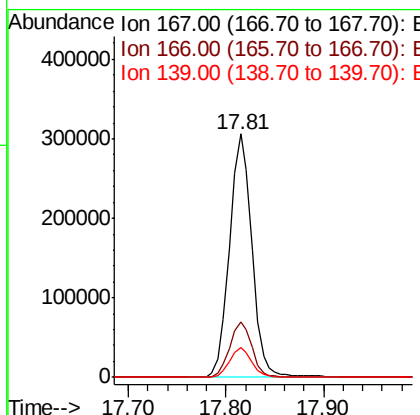
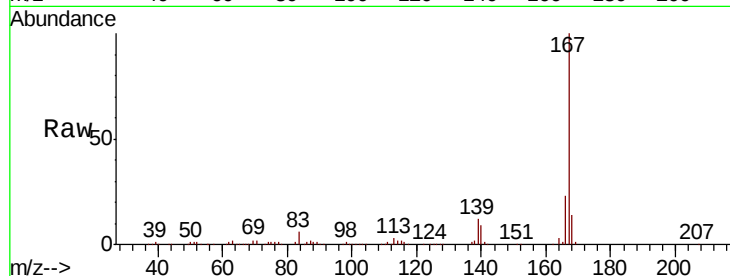




#73
 Carbazole
 Concen: 43.618 ng
 RT: 17.81 min Scan# 2506
 Delta R.T. -0.00 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

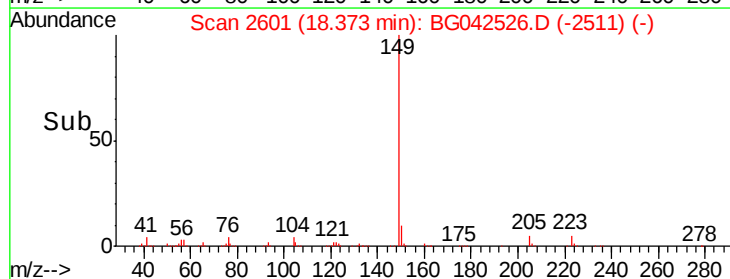
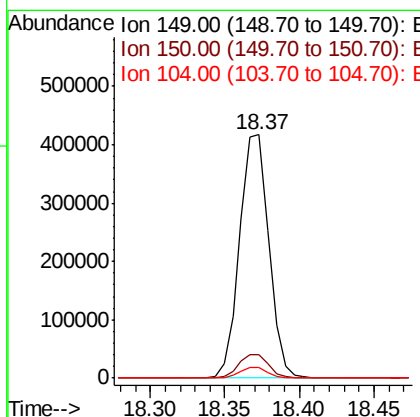
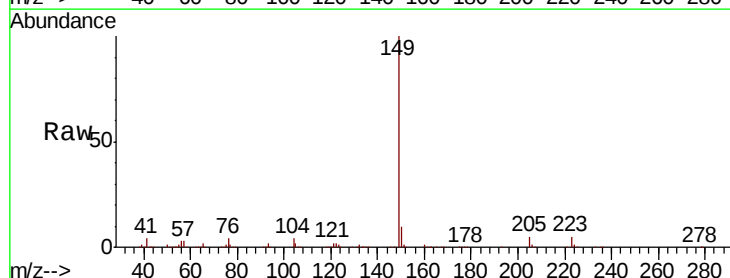
Instrument :
 BNA_F
 ClientSampleId :

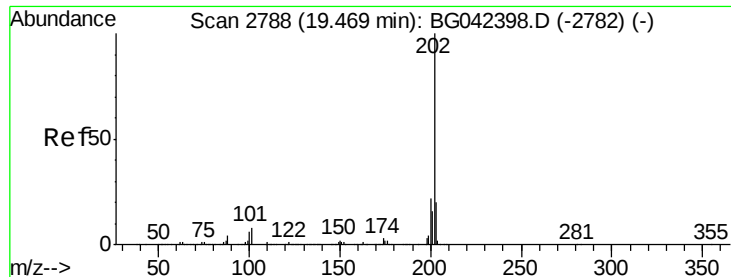
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.9	28.3
139	12.2	9.8	14.6



#74
 Di-n-butylphthalate
 Concen: 42.916 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.00 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.1	12.1
104	4.4	3.7	5.5





#75

Fluoranthene

Concen: 46.871 ng

RT: 19.47 min Scan# 2787

Delta R.T. -0.00 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

Instrument :

BNA_F

ClientSampleId :

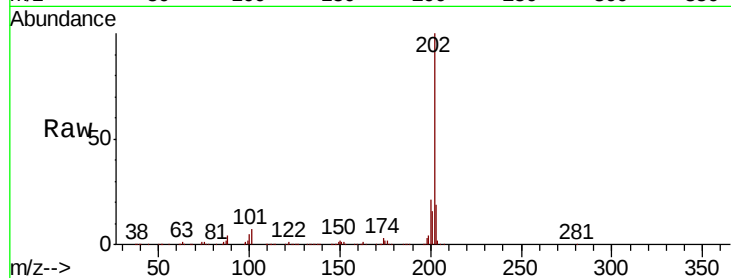
Tot Ion:202 Resp: 721534

Ion Ratio Lower Upper

202 100

101 6.8 0.0 28.3

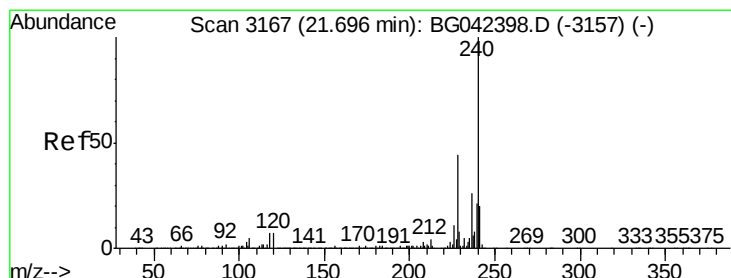
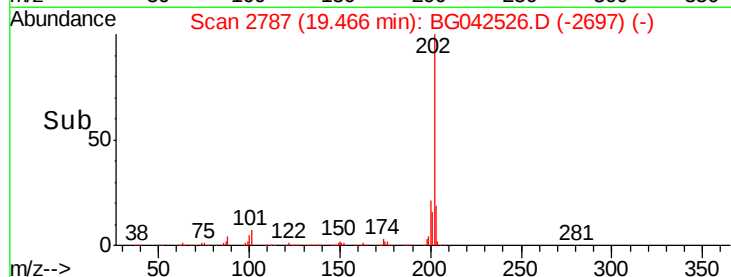
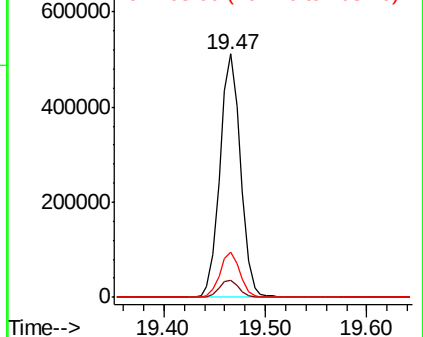
203 18.6 0.0 39.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

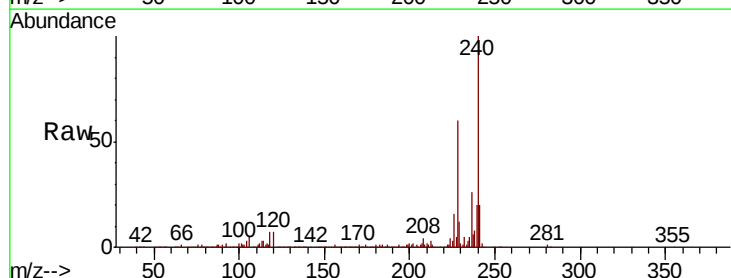
Tgt Ion:240 Resp: 277855

Ion Ratio Lower Upper

240 100

120 6.8 5.7 8.5

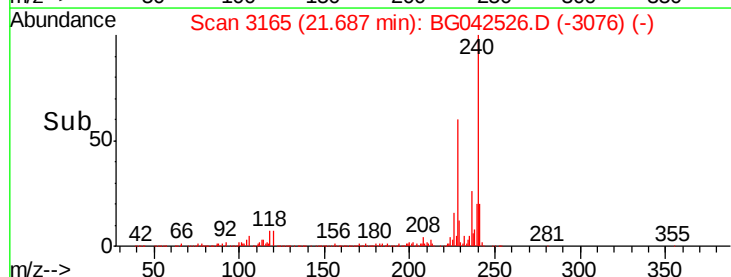
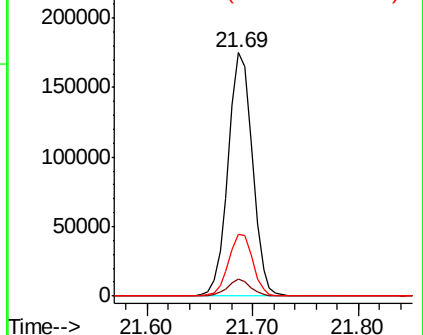
236 25.6 21.0 31.4

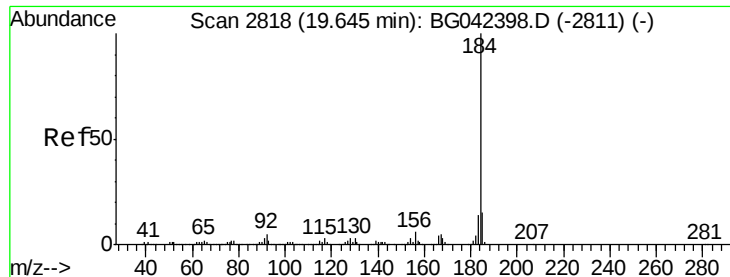


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.484 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

Instrument :

BNA_F

ClientSampleId :

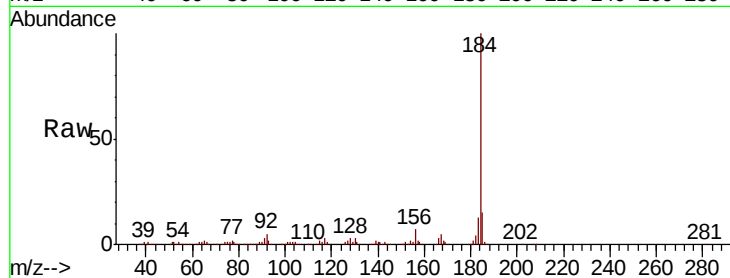
Tot Ion:184 Resp: 362332

Ion Ratio Lower Upper

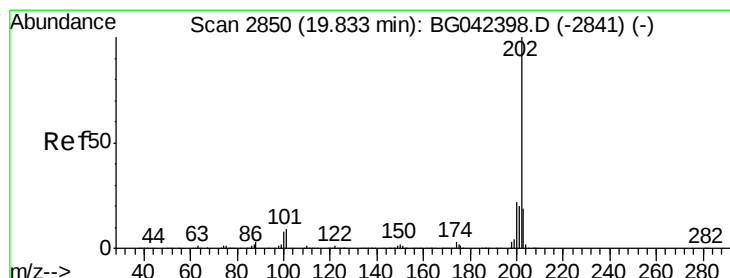
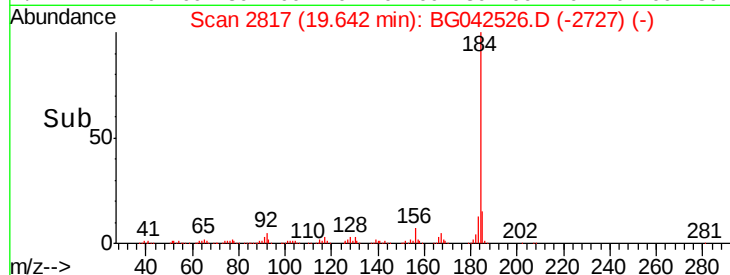
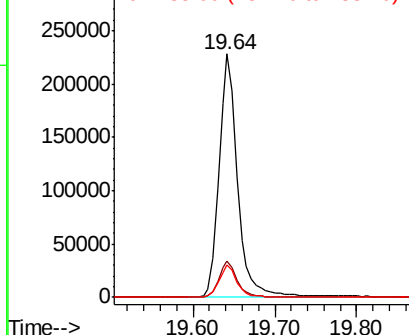
184 100

185 14.7 12.2 18.4

183 13.4 10.8 16.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.033 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

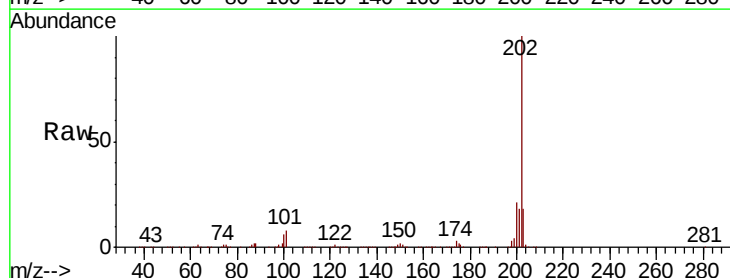
Tgt Ion:202 Resp: 733075

Ion Ratio Lower Upper

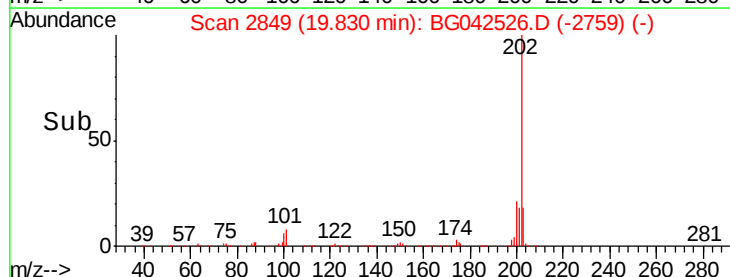
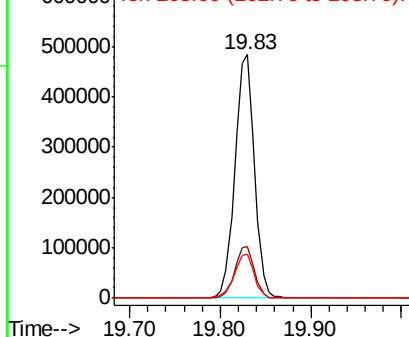
202 100

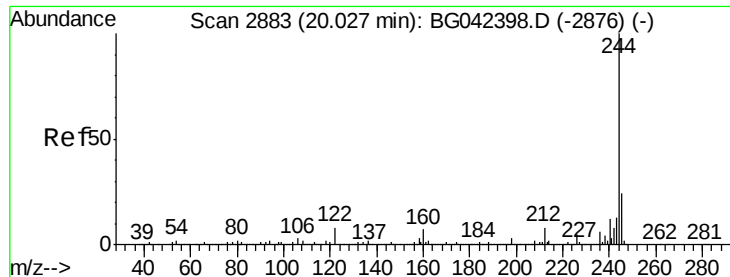
200 21.4 17.8 26.6

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: 70.364 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

Instrument :

BNA_F

ClientSampleId :

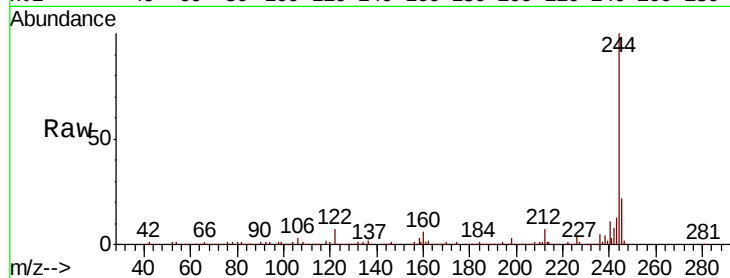
Tot Ion:244 Resp: 904333

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

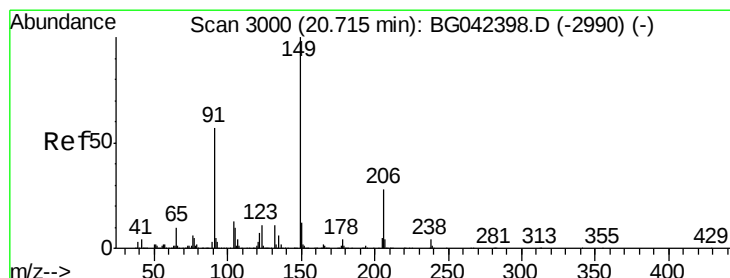
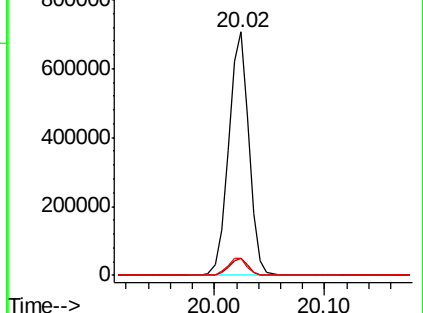
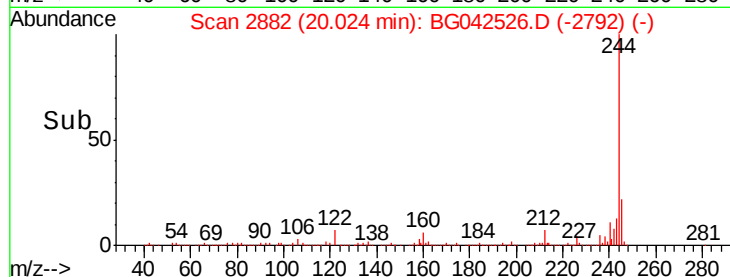
122 7.0 6.7 10.1



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: 41.061 ng

RT: 20.71 min Scan# 2998

Delta R.T. -0.01 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

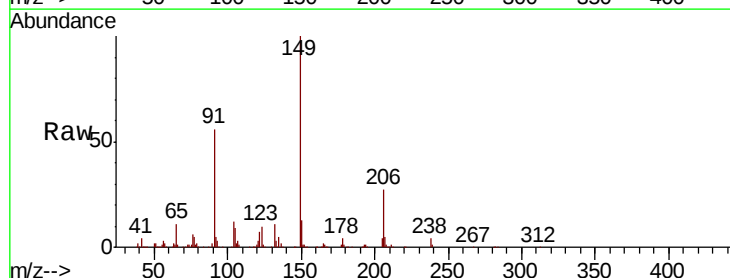
Tgt Ion:149 Resp: 275122

Ion Ratio Lower Upper

149 100

91 56.3 45.9 68.9

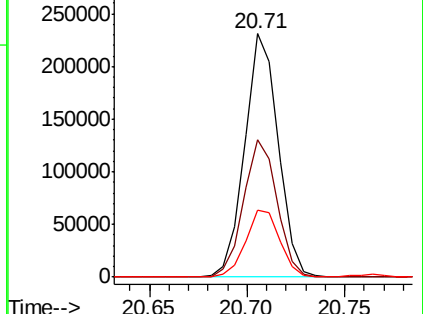
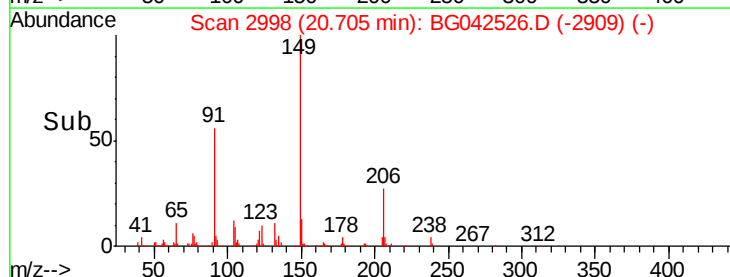
206 27.5 22.5 33.7

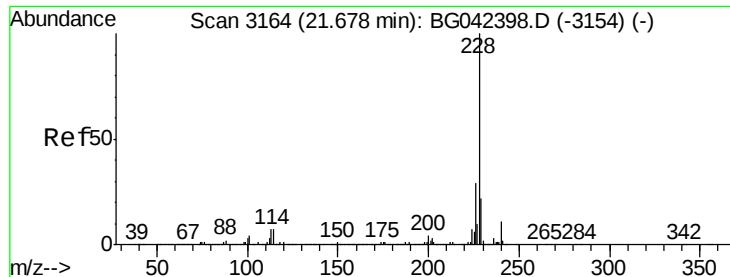


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

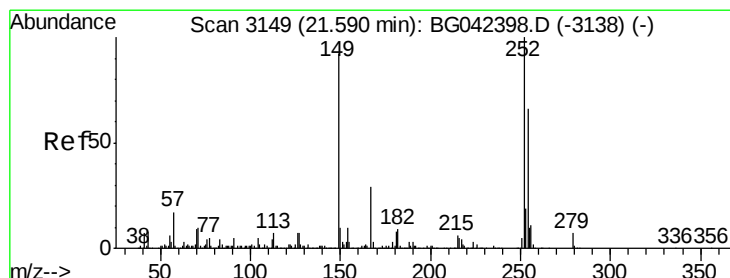
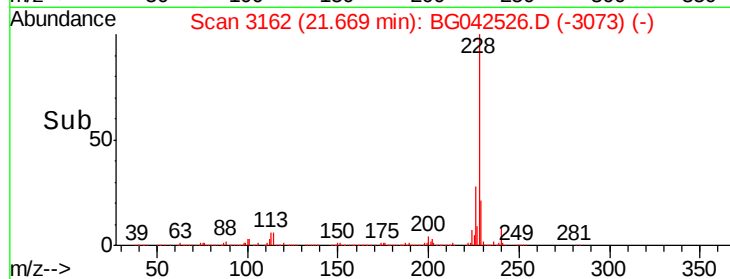
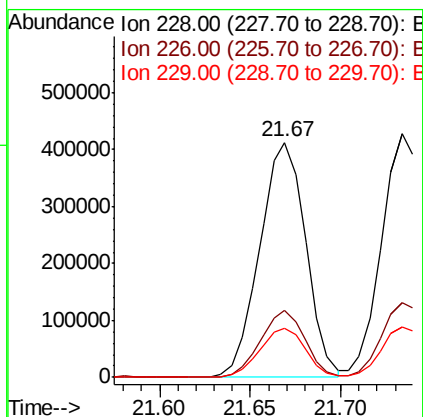
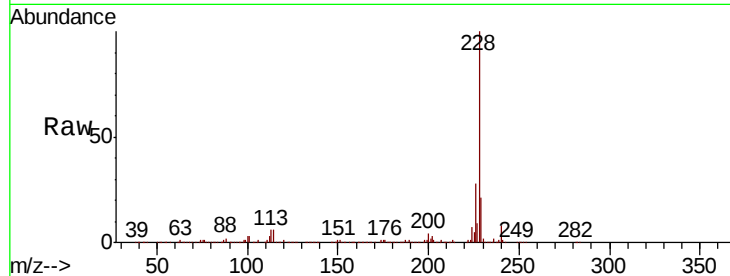




#81
Benzo(a)anthracene
Concen: 43.014 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

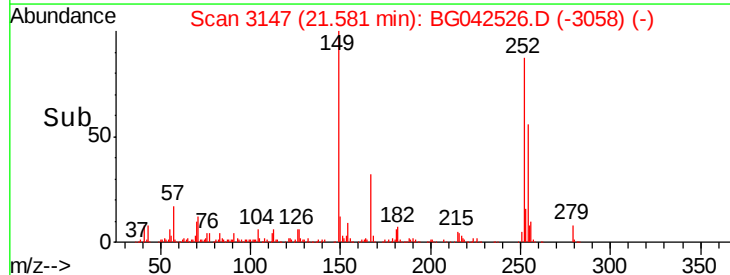
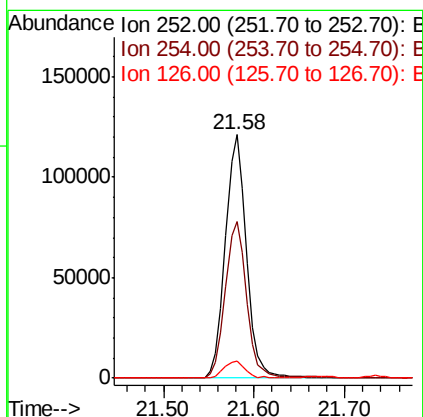
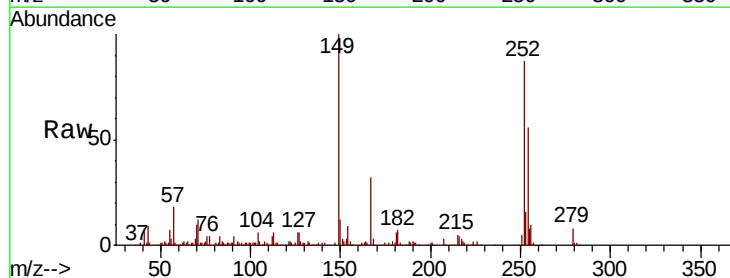
Instrument :
BNA_F
ClientSampled :

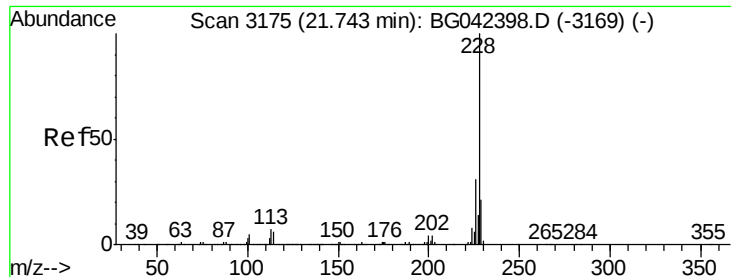
Tot Ion:228 Resp: 727043
Ion Ratio Lower Upper
228 100
226 28.5 23.4 35.2
229 21.0 17.4 26.2



#82
3,3'-Dichlorobenzidine
Concen: 29.024 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Tgt Ion:252 Resp: 197302
Ion Ratio Lower Upper
252 100
254 64.3 53.0 79.4
126 7.2 5.7 8.5

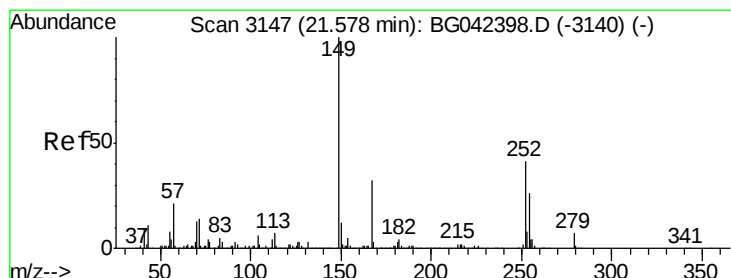
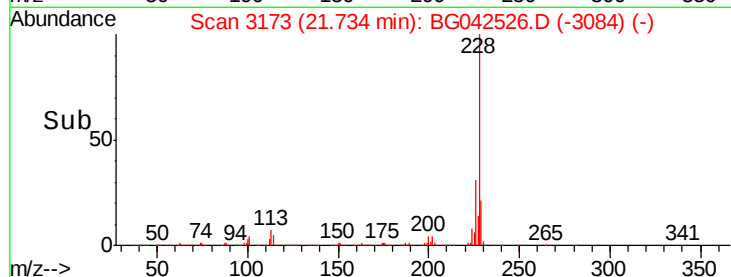
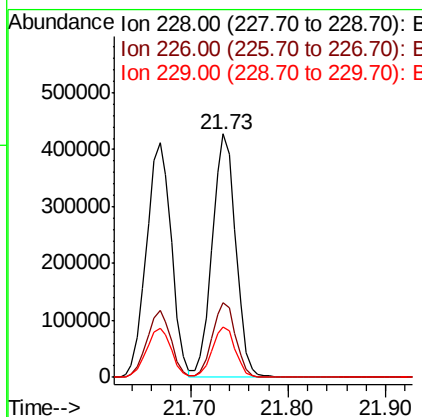
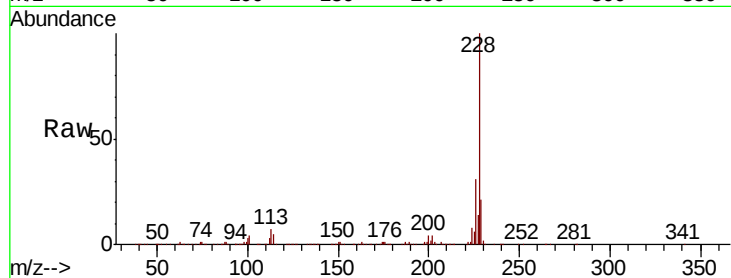




#83
 Chrysene
 Concen: 43.499 ng
 RT: 21.73 min Scan# 3173
 Delta R.T. -0.01 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

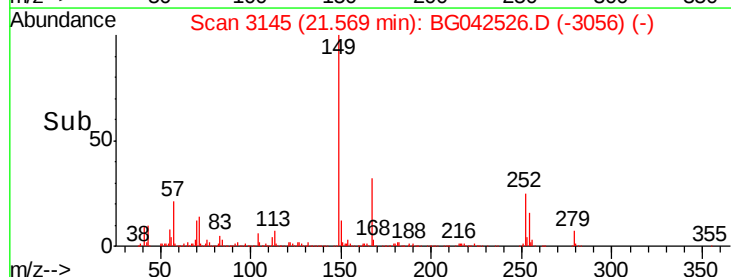
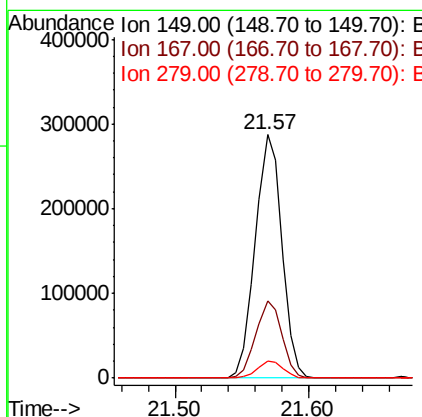
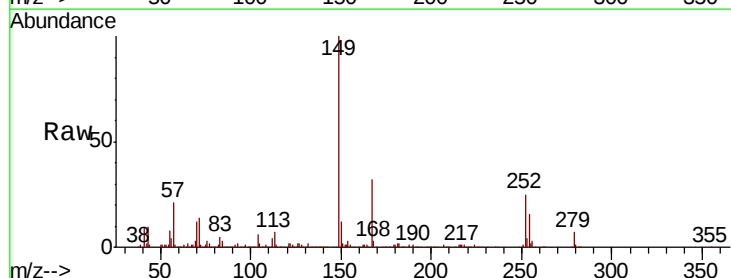
Instrument :
 BNA_F
 ClientSampleId :

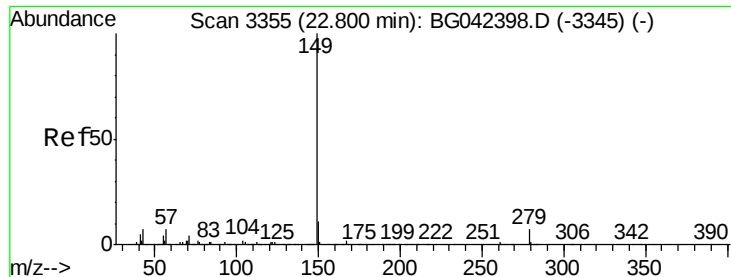
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	20.7	16.9	25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.264 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.6	26.0	39.0
279	6.8	5.4	8.0





#85

Di-n-octyl phthalate

Concen: 42.082 ng

RT: 22.79 min Scan# 3352

Delta R.T. -0.02 min

Lab File: BG042526.D

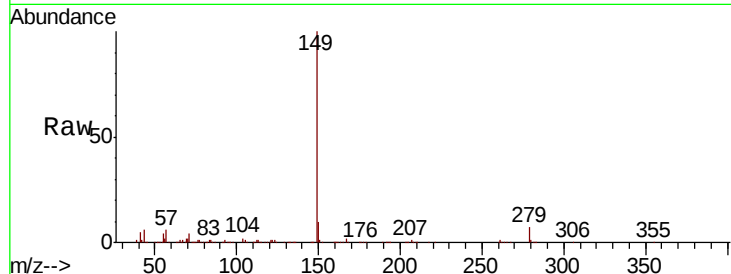
Acq: 28 Aug 2019 9:23

Instrument :

BNA_F

ClientSampled :

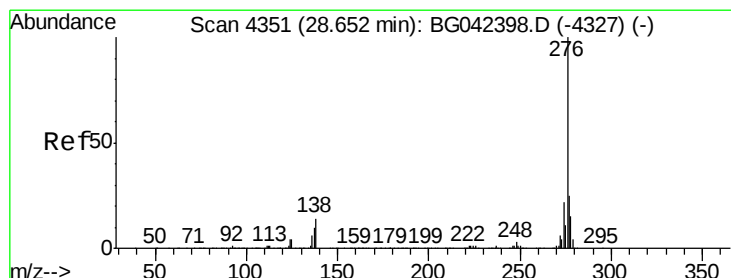
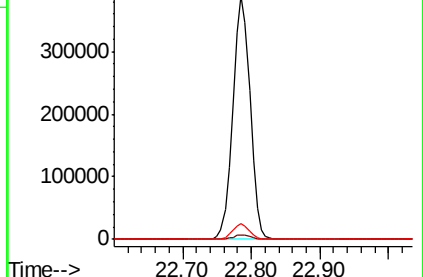
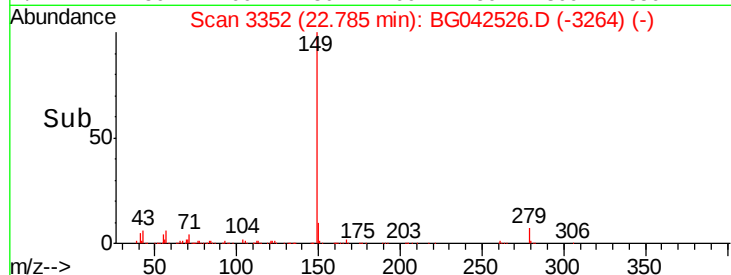
Tot Ion:149	Resp:	673332
Ion Ratio	Lower	Upper
149 100		
167 1.8	1.6	2.4
43 6.1	5.3	7.9



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: 41.558 ng

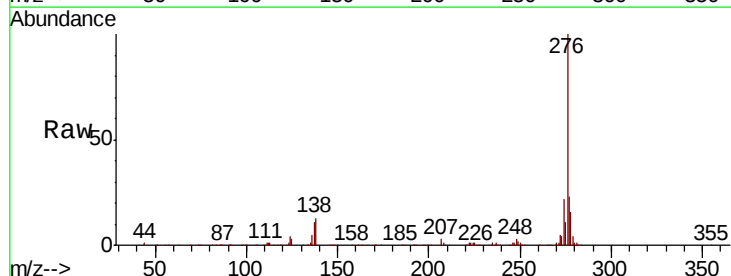
RT: 28.64 min Scan# 4348

Delta R.T. -0.02 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

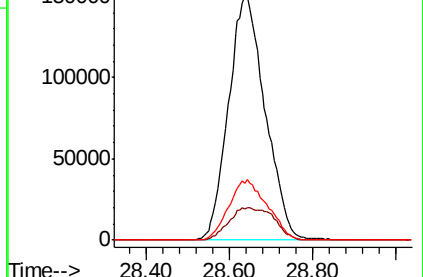
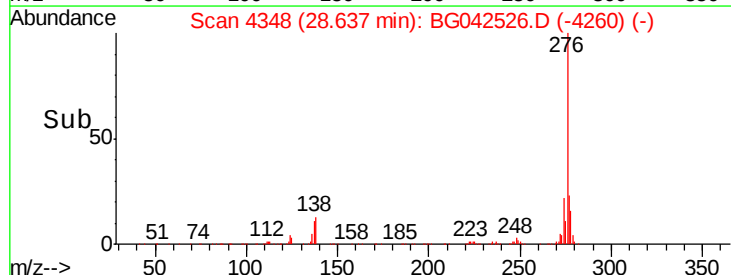
Tgt Ion:276	Resp:	920610
Ion Ratio	Lower	Upper
276 100		
138 16.2	9.2	13.8#
277 26.0	21.0	31.6

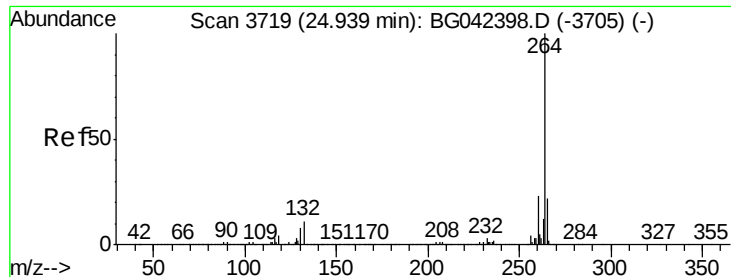


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



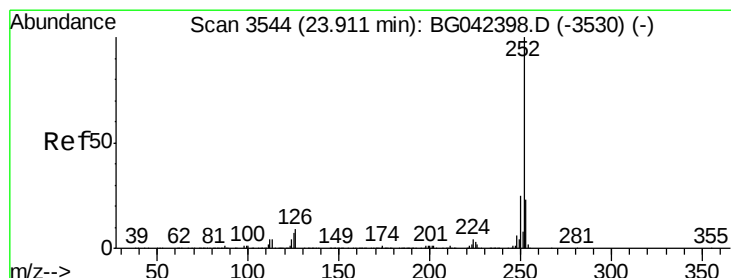
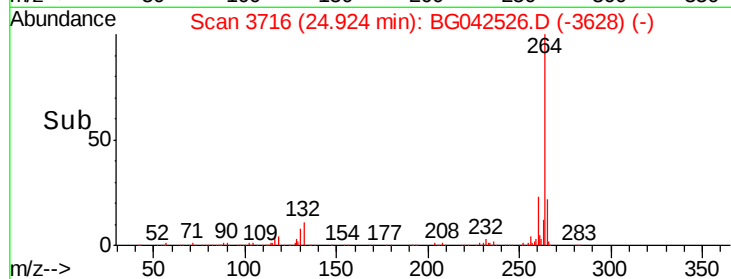
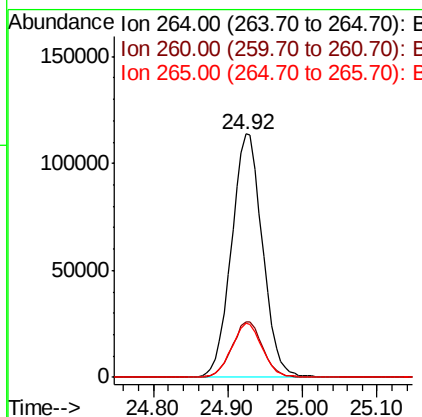
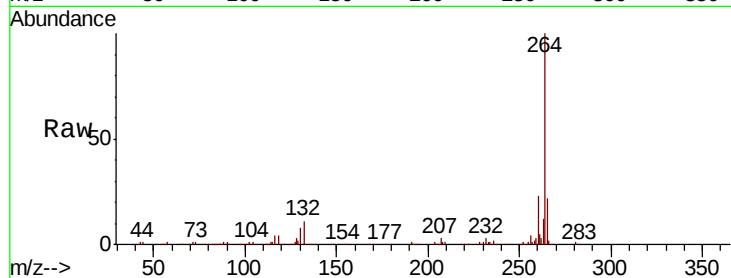


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.02 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 327870

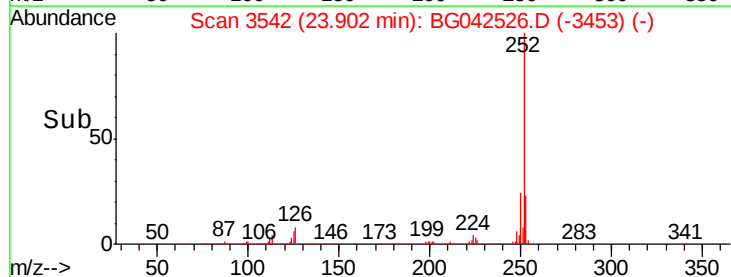
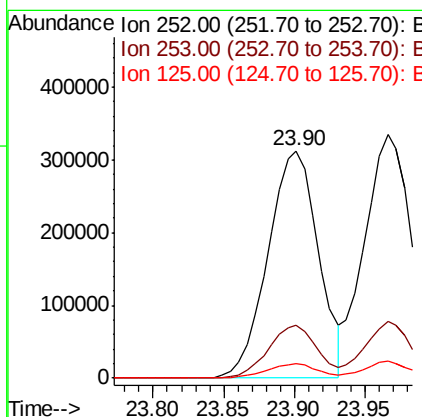
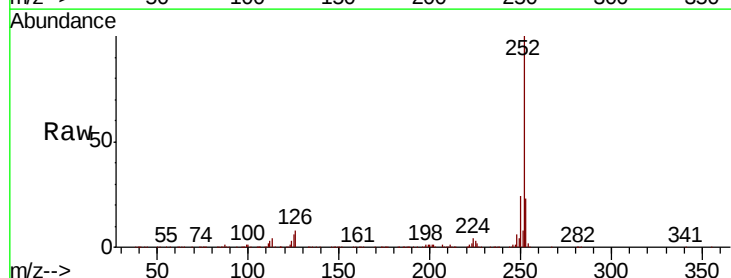
Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.5	27.7
265	22.4	17.6	26.4

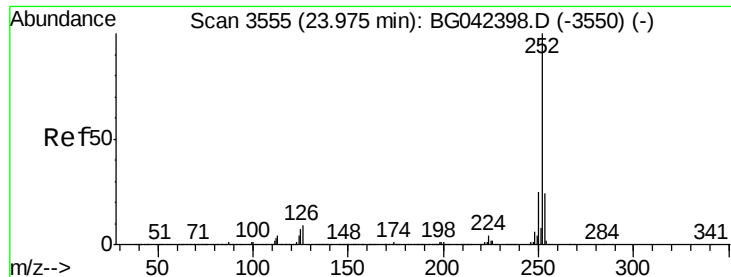


#88
Benzo(b)fluoranthene
Concen: 43.249 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Tgt Ion:252 Resp: 779558

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.6	27.8
125	6.3	5.6	8.4





#89

Benzo(k)fluoranthene

Concen: 45.123 ng

RT: 23.97 min Scan# 3553

Delta R.T. -0.01 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

Instrument :

BNA_F

ClientSampled :

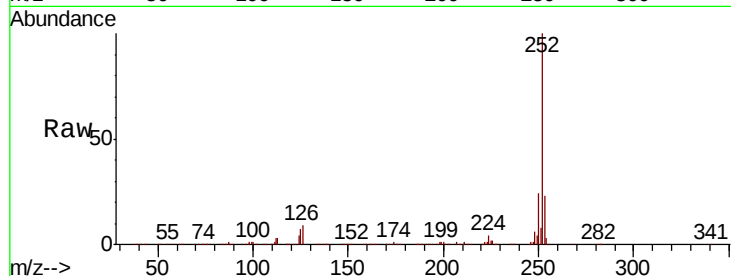
Tot Ion:252 Resp: 781790

Ion Ratio Lower Upper

252 100

253 23.2 18.6 27.8

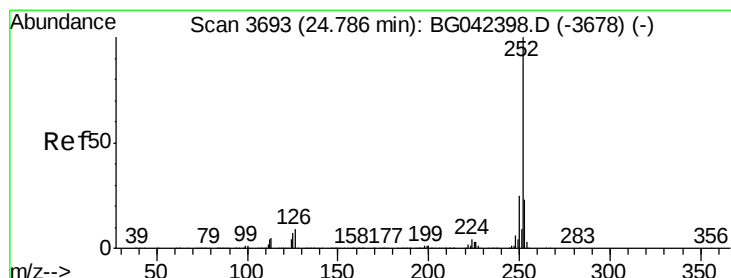
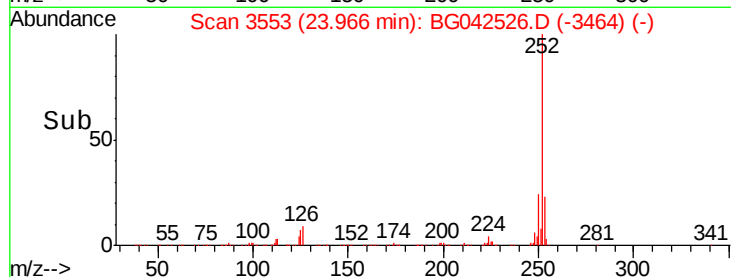
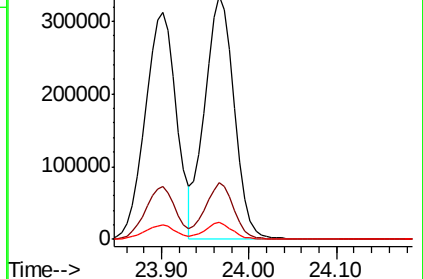
125 6.9 5.8 8.6



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: 46.000 ng

RT: 24.78 min Scan# 3691

Delta R.T. -0.01 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

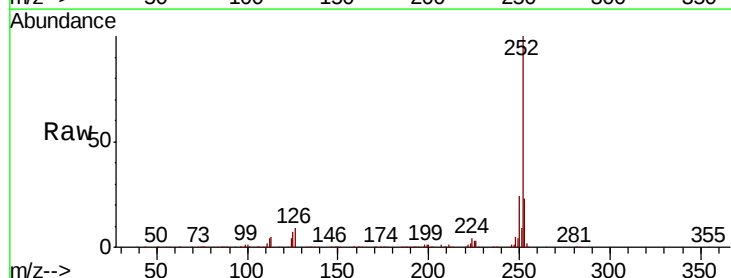
Tgt Ion:252 Resp: 786792

Ion Ratio Lower Upper

252 100

253 22.7 18.4 27.6

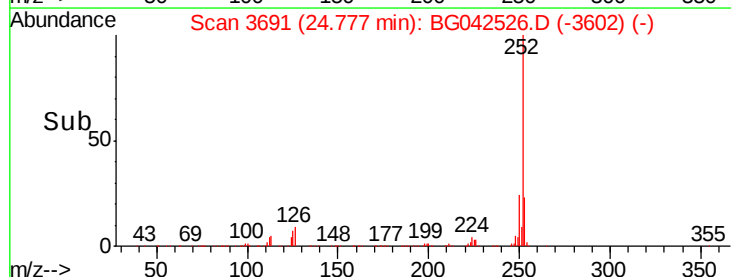
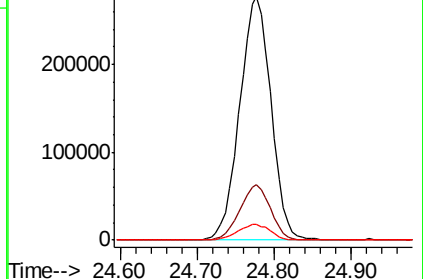
125 6.7 6.0 9.0

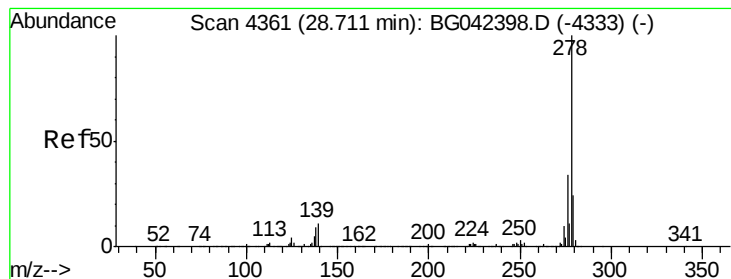


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 43.701 ng

RT: 28.70 min Scan# 4359

Delta R.T. -0.01 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

Instrument :

BNA_F

ClientSampled :

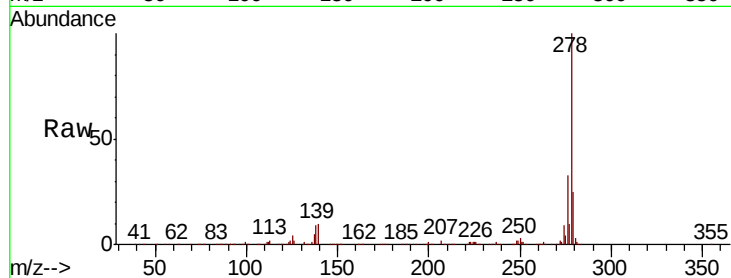
Tot Ion:278 Resp: 756819

Ion Ratio Lower Upper

278 100

139 9.9 8.8 13.2

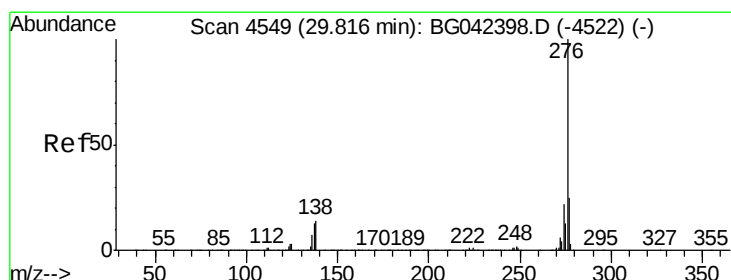
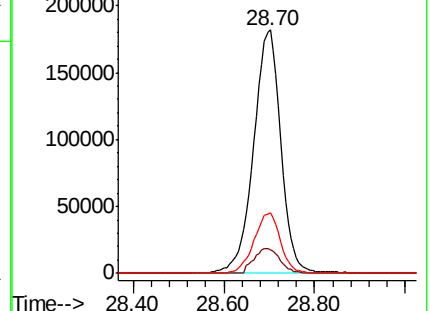
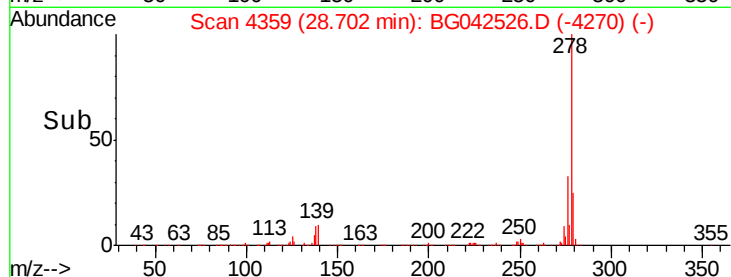
279 25.1 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.416 ng

RT: 29.79 min Scan# 4545

Delta R.T. -0.02 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

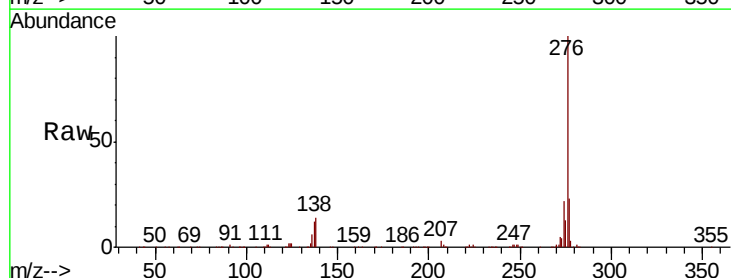
Tgt Ion:276 Resp: 769324

Ion Ratio Lower Upper

276 100

277 23.1 19.8 29.8

138 14.0 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

