

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
 Data File : BG040258.D
 Acq On : 30 Mar 2019 12:35
 Operator : JU/SJ
 Sample : K1697-14MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-032719-AMS

Quant Time: Apr 01 02:07:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	62569	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	273793	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	185747	20.00	ng	-0.02
64) Phenanthrene-d10	17.44	188	470905	20.00	ng	-0.01
76) Chrysene-d12	21.72	240	468199	20.00	ng	0.00
87) Perylene-d12	25.03	264	480885	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	471710	125.33	ng	0.00
7) Phenol-d6	7.21	99	641797	123.39	ng	-0.01
23) Nitrobenzene-d5	9.23	82	431273	83.73	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	296736	147.82	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	973847	77.69	ng	-0.01
79) Terphenyl-d14	20.04	244	1653560	79.45	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	60846	34.381	ng	# 30
3) Pyridine	3.92	79	148431	31.150	ng	99
4) n-Nitrosodimethylamine	3.83	42	80076	36.330	ng	98
6) Aniline	7.39	93	101652	15.042	ng	95
8) 2-Chlorophenol	7.62	128	184422	41.859	ng	94
9) Benzaldehyde	7.20	77	36018	10.095	ng	96
10) Phenol	7.24	94	218356	38.675	ng	98
11) bis(2-Chloroethyl)ether	7.48	93	180830	39.989	ng	97
12) 1,3-Dichlorobenzene	7.94	146	183045	38.219	ng	97
13) 1,4-Dichlorobenzene	8.09	146	189208	39.665	ng	99
14) 1,2-Dichlorobenzene	8.41	146	183704	40.271	ng	99
15) Benzyl Alcohol	8.30	79	173278	41.364	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	329838	38.006	ng	100
17) 2-Methylphenol	8.49	107	168338	43.088	ng	97
18) Hexachloroethane	9.13	117	68285	37.634	ng	98
19) n-Nitroso-di-n-propylamine	8.86	70	150145	40.260	ng	95
20) 3+4-Methylphenols	8.82	107	231817	43.801	ng	99
22) Acetophenone	8.89	105	290818	42.581	ng	# 96
24) Nitrobenzene	9.27	77	220955	41.424	ng	96
25) Isophorone	9.79	82	443847	41.878	ng	98
26) 2-Nitrophenol	9.99	139	102309	40.479	ng	96
27) 2,4-Dimethylphenol	10.03	122	199630	49.725	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	261210	41.658	ng	98
29) 2,4-Dichlorophenol	10.51	162	197949	45.425	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	195522	40.862	ng	97
31) Naphthalene	10.92	128	592124	42.192	ng	99
32) Benzoic acid	10.17	122	69970	28.846	ng	# 89
33) 4-Chloroaniline	11.04	127	21550	3.600	ng	99
34) Hexachlorobutadiene	11.18	225	117074	38.257	ng	93
35) Caprolactam	11.82	113	31038	17.948	ng	95
36) 4-Chloro-3-methylphenol	12.15	107	233351	46.580	ng	100
37) 2-Methylnaphthalene	12.52	142	451852	43.534	ng	99
38) 1-Methylnaphthalene	12.74	142	436106	43.330	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	229102	38.807	ng	99

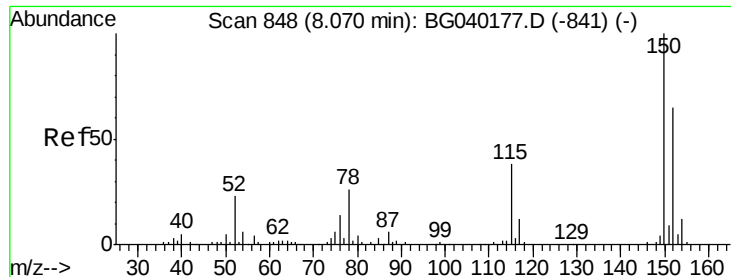
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
 Data File : BG040258.D
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 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	257335	79.386	ng	95
43) 2,4,6-Trichlorophenol	13.12	196	168531	44.277	ng	98
44) 2,4,5-Trichlorophenol	13.20	196	180978	43.622	ng	95
46) 1,1'-Biphenyl	13.52	154	587503	40.030	ng	99
47) 2-Chloronaphthalene	13.57	162	460262	40.884	ng	100
48) 2-Nitroaniline	13.78	65	159298	41.950	ng	97
49) Acenaphthylene	14.42	152	781165	40.926	ng	98
50) Dimethylphthalate	14.14	163	627767	43.183	ng	99
51) 2,6-Dinitrotoluene	14.27	165	141719	43.417	ng	95
52) Acenaphthene	14.75	154	467846	42.775	ng	98
53) 3-Nitroaniline	14.60	138	53707	15.544	ng	97
54) 2,4-Dinitrophenol	14.81	184	136357	78.549	ng	92
55) Dibenzofuran	15.09	168	750012	42.676	ng	98
56) 4-Nitrophenol	14.91	139	226676	81.286	ng	97
57) 2,4-Dinitrotoluene	15.06	165	206485	45.526	ng	99
58) Fluorene	15.73	166	602991	43.640	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.31	232	182573	48.495	ng	98
60) Diethylphthalate	15.49	149	659706	44.347	ng	99
61) 4-Chlorophenyl-phenylether	15.72	204	320958	43.456	ng	98
62) 4-Nitroaniline	15.77	138	155791	42.015	ng	99
63) Azobenzene	16.01	77	603037	42.976	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	110766	41.868	ng	98
66) n-Nitrosodiphenylamine	15.94	169	562894	40.849	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	219801	41.477	ng	100
68) Hexachlorobenzene	16.73	284	222045	41.673	ng	97
69) Atrazine	16.88	200	212555	41.466	ng	98
70) Pentachlorophenol	17.08	266	245769	79.783	ng	96
71) Phenanthrene	17.48	178	1032748	41.724	ng	99
72) Anthracene	17.57	178	1055309	42.597	ng	99
73) Carbazole	17.84	167	986666	42.082	ng	99
74) Di-n-butylphthalate	18.38	149	1154017	41.523	ng	100
75) Fluoranthene	19.49	202	1239659	42.296	ng	100
77) Benzidine	19.67	184	97379	5.760	ng	95
78) Pyrene	19.84	202	1250659	40.620	ng	98
80) Butylbenzylphthalate	20.71	149	537012	40.759	ng	99
81) Benzo(a)anthracene	21.69	228	1143088	39.638	ng	97
82) 3,3'-Dichlorobenzidine	21.61	252	200091	18.239	ng	99
83) Chrysene	21.77	228	1157397	41.760	ng	98
84) Bis(2-ethylhexyl)phthalate	21.56	149	757012	40.195	ng	99
85) Di-n-octyl phthalate	22.79	149	1295597	40.377	ng	99
86) Indeno(1,2,3-cd)pyrene	28.83	276	1440662	42.500	ng	# 87
88) Benzo(b)fluoranthene	23.96	252	1227396	41.689	ng	98
89) Benzo(k)fluoranthene	24.04	252	1213307	44.813	ng	98
90) Benzo(a)pyrene	24.87	252	1216535	44.039	ng	99
91) Dibenzo(a,h)anthracene	28.92	278	1173136	45.726	ng	98
92) Benzo(g,h,i)perylene	30.12	276	1201550	45.571	ng	100

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

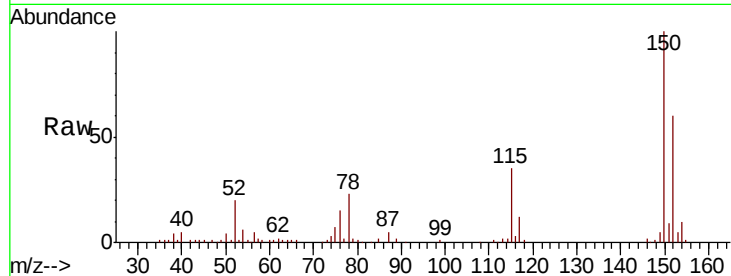


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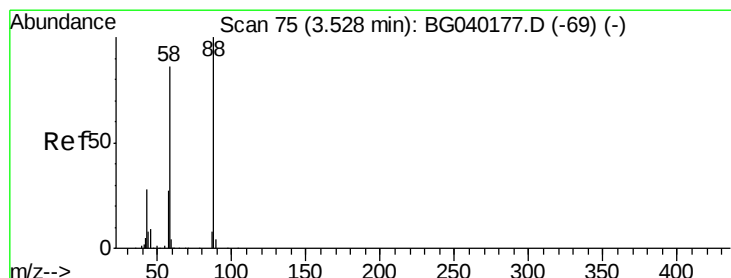
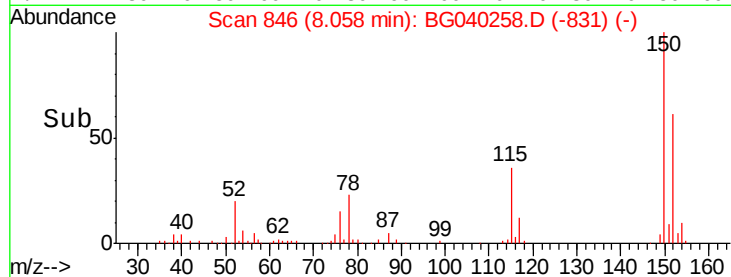
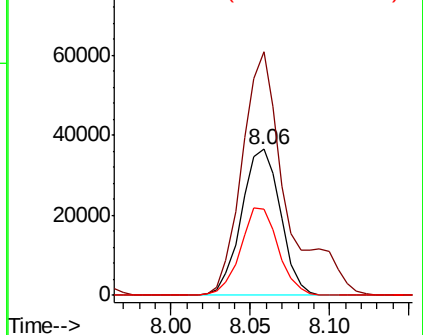
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMS

Tgt Ion:152 Resp: 62569
Ion Ratio Lower Upper
152 100
150 166.7 123.7 185.5
115 58.7 46.9 70.3



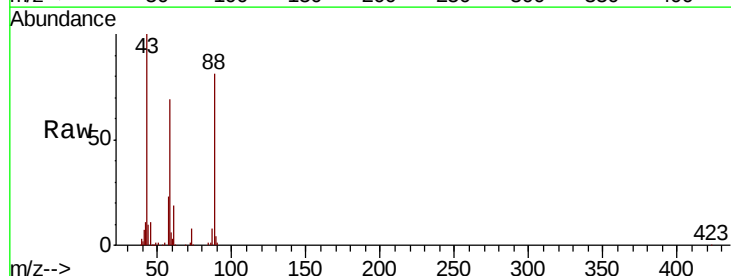
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



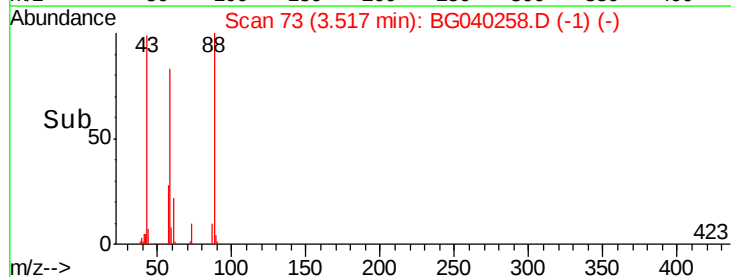
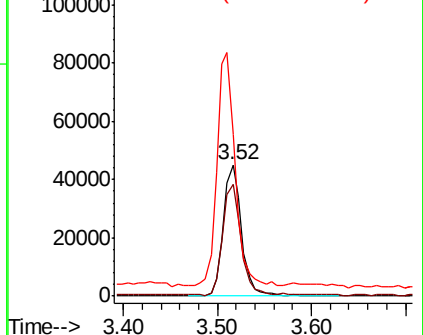
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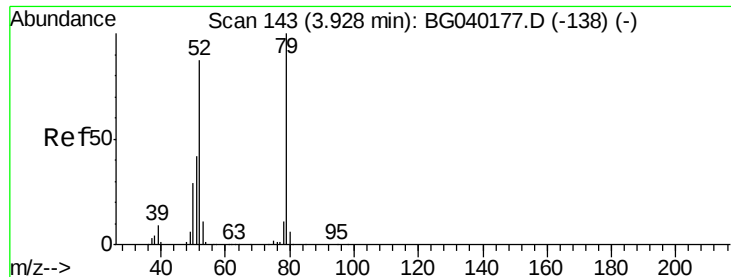
1,4-Dioxane
Concen: 34.381 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Tgt Ion: 88 Resp: 60846
Ion Ratio Lower Upper
88 100
58 84.5 70.6 106.0
43 173.8 24.8 37.2#



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

Pyridine

Concen: 31.150 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-AMS

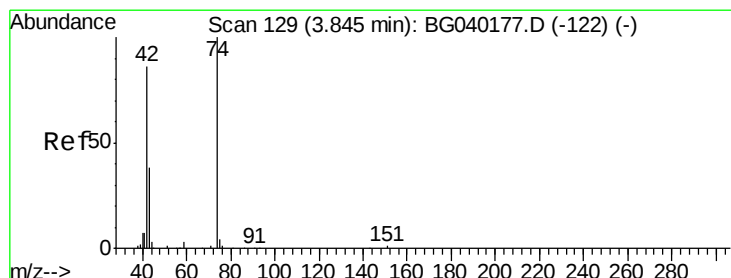
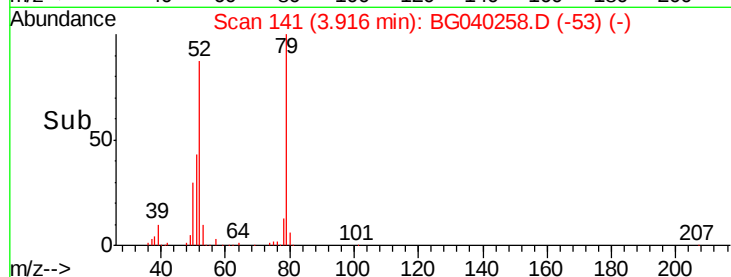
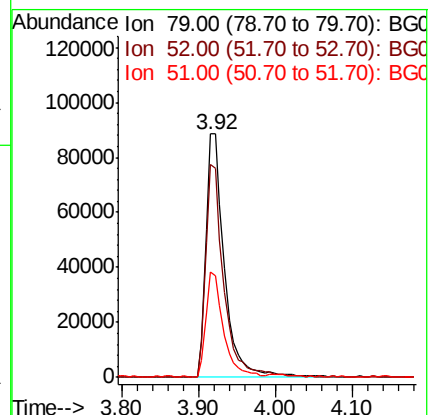
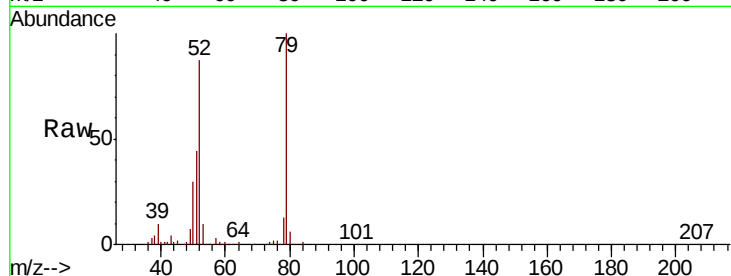
Tgt Ion: 79 Resp: 148431

Ion Ratio Lower Upper

79 100

52 87.5 69.8 104.8

51 43.5 33.9 50.9



#4

n-Nitrosodimethylamine

Concen: 36.330 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.02 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

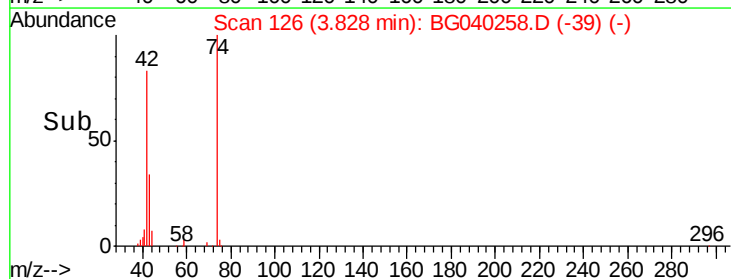
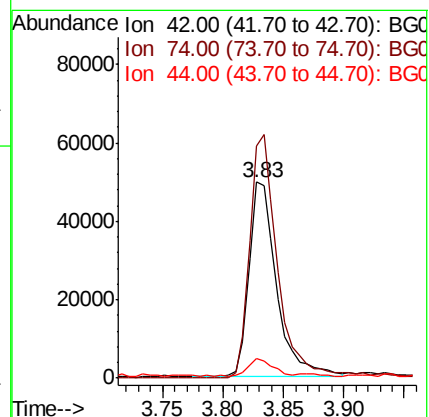
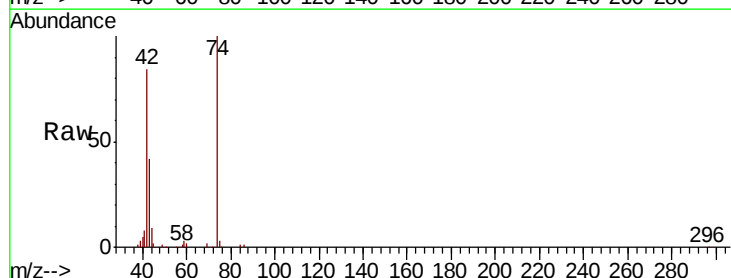
Tgt Ion: 42 Resp: 80076

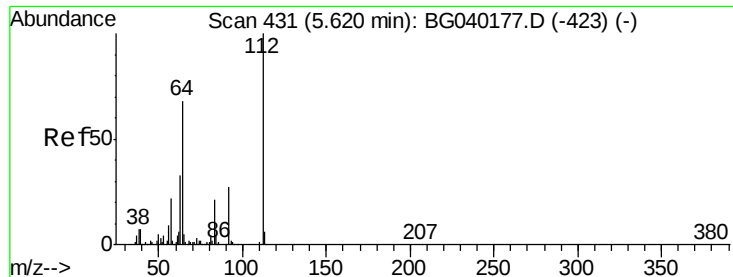
Ion Ratio Lower Upper

42 100

74 118.5 92.9 139.3

44 10.3 9.7 14.5





#5

2-Fluorophenol

Concen: 125.330 ng

RT: 5.61 min Scan# 430

Delta R.T. -0.00 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-AMS

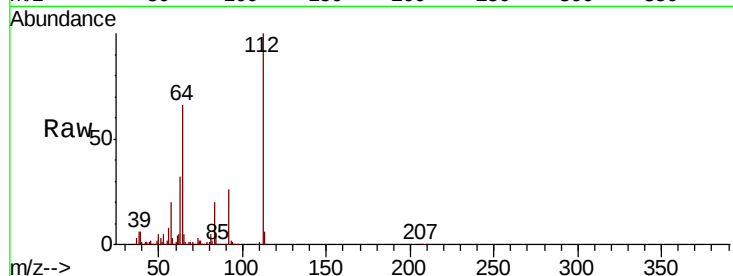
Tgt Ion: 112 Resp: 471710

Ion Ratio Lower Upper

112 100

64 65.9 54.2 81.2

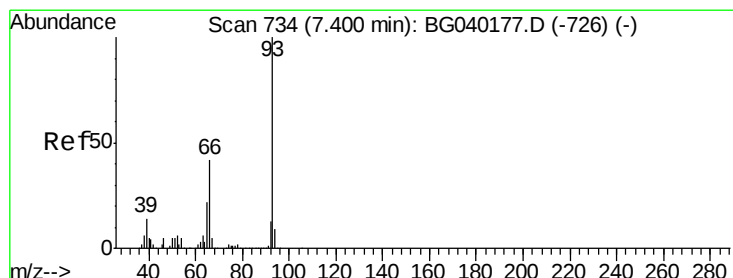
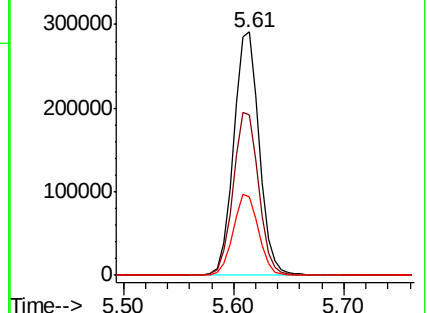
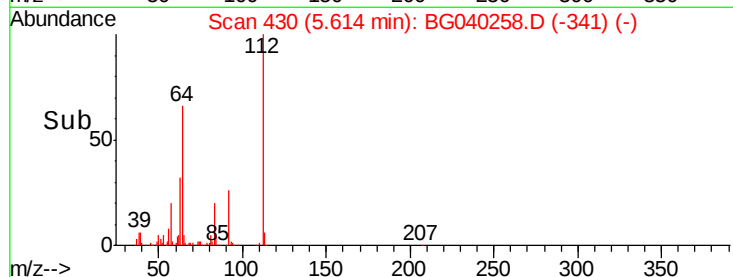
63 32.2 26.4 39.6



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: 15.042 ng

RT: 7.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

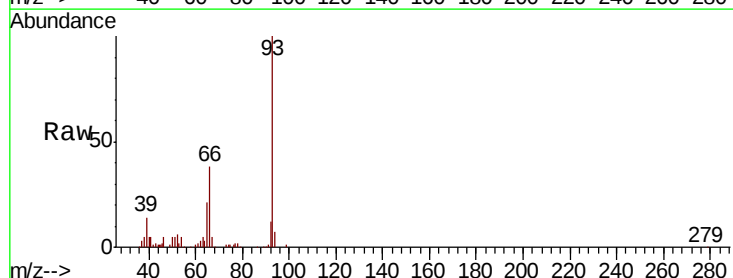
Tgt Ion: 93 Resp: 101652

Ion Ratio Lower Upper

93 100

66 38.0 33.6 50.4

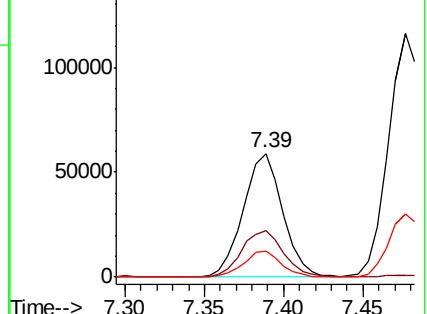
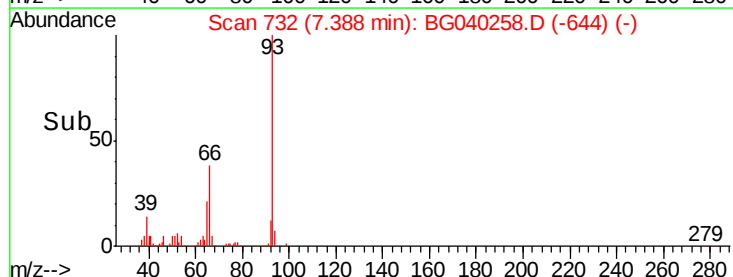
65 20.6 17.4 26.2

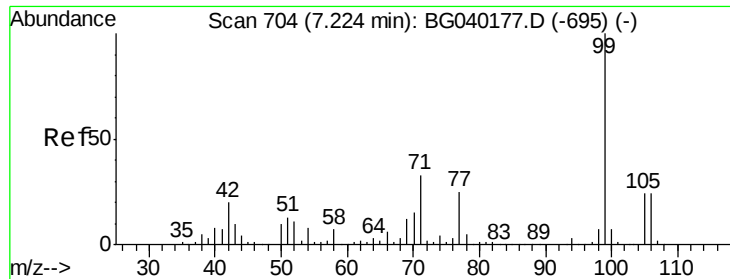


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 123.385 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

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SU-02-032719-AMS

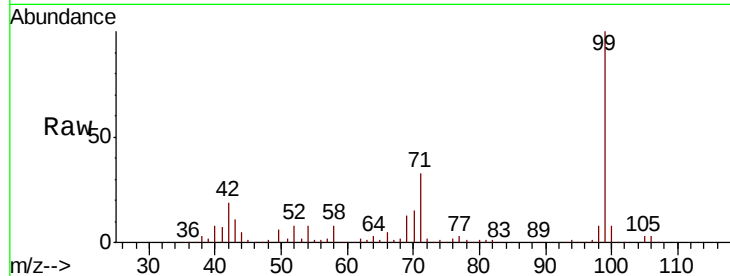
Tgt Ion: 99 Resp: 641797

Ion Ratio Lower Upper

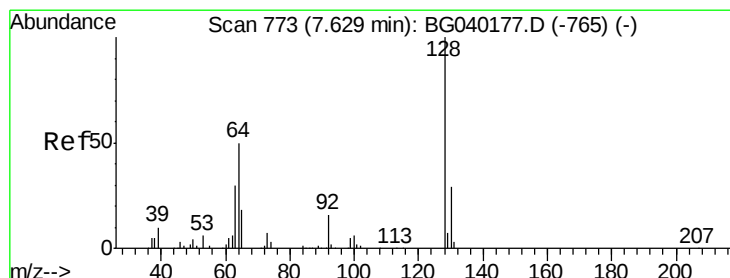
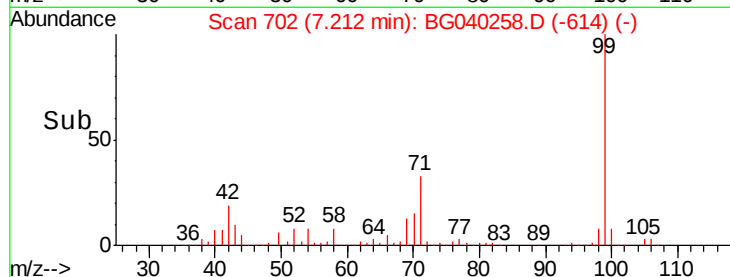
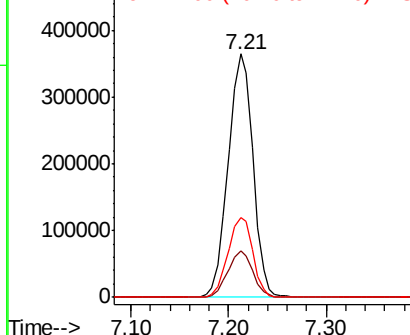
99 100

42 18.9 16.2 24.2

71 33.0 26.8 40.2



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: 41.859 ng

RT: 7.62 min Scan# 771

Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

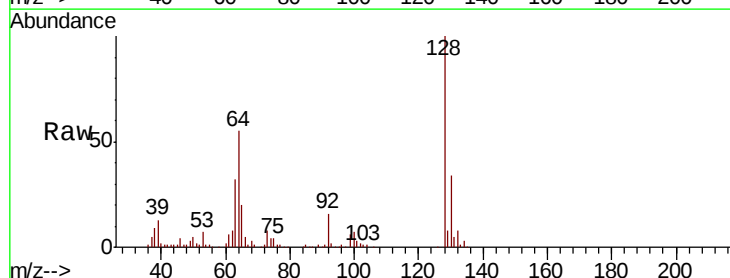
Tgt Ion: 128 Resp: 184422

Ion Ratio Lower Upper

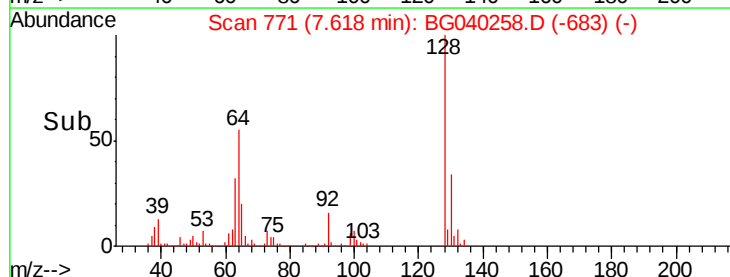
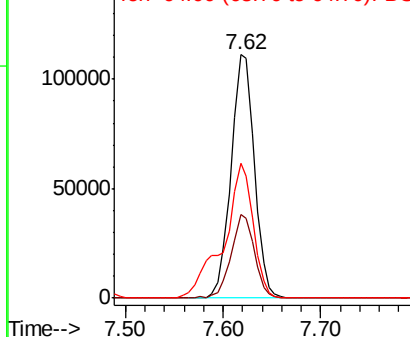
128 100

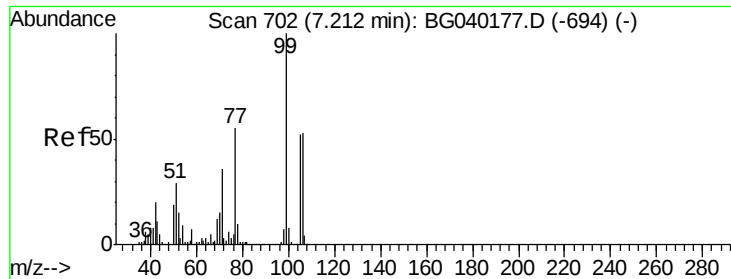
130 34.4 9.1 49.1

64 55.3 33.1 73.1



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: 10.095 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-AMS

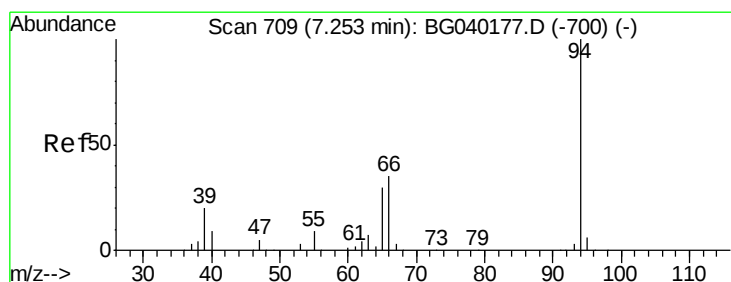
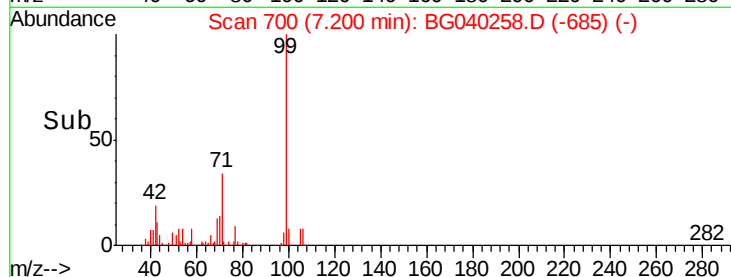
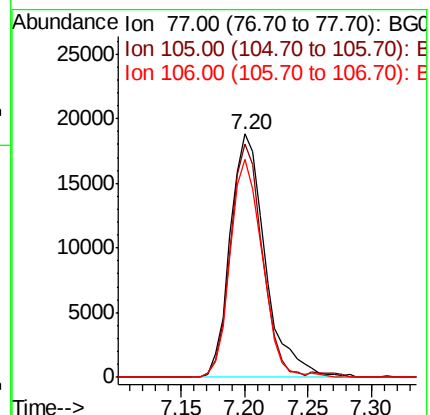
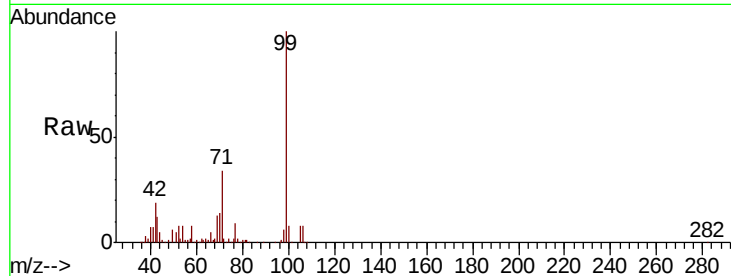
Tgt Ion: 77 Resp: 36018

Ion Ratio Lower Upper

77 100

105 95.7 75.0 115.0

106 89.4 75.7 115.7



#10

Phenol

Concen: 38.675 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

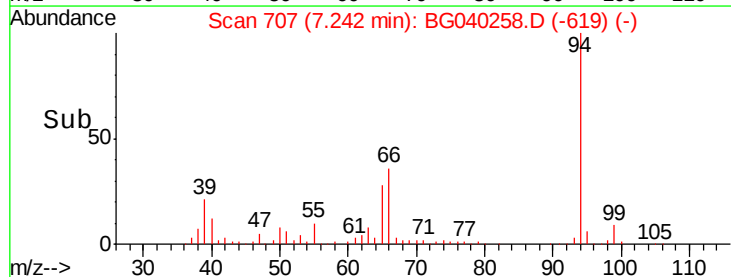
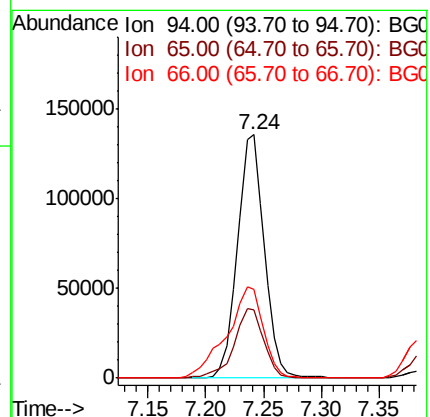
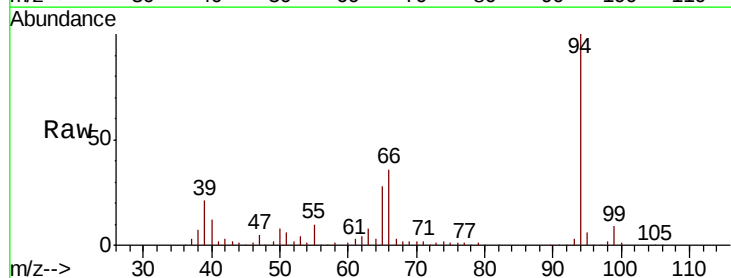
Tgt Ion: 94 Resp: 218356

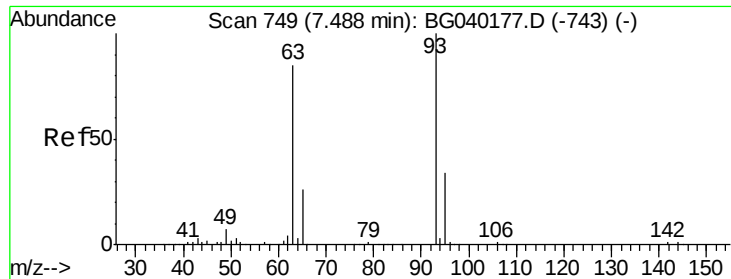
Ion Ratio Lower Upper

94 100

65 28.0 10.5 50.5

66 36.4 16.9 56.9

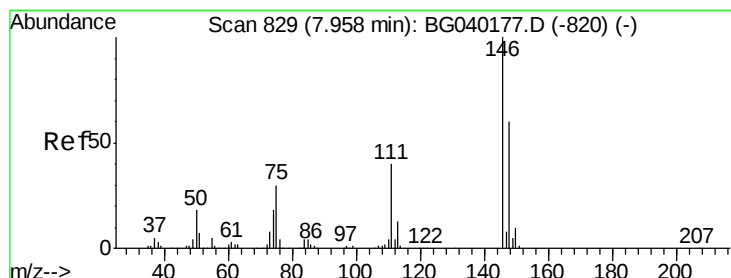
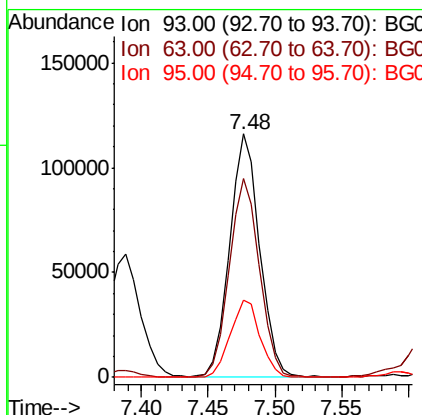
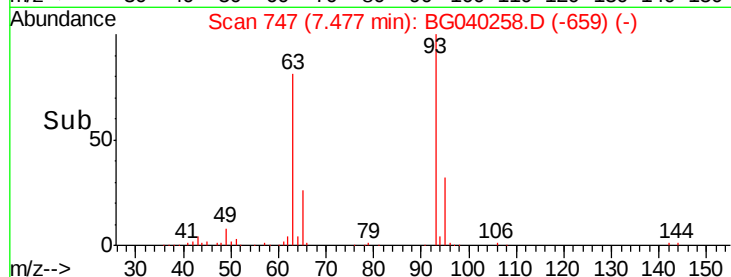
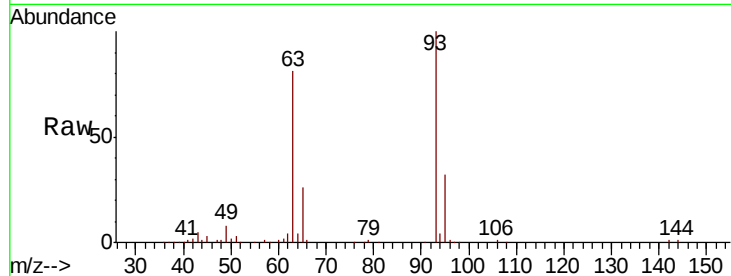




#11
bis(2-Chloroethyl)ether
Concen: 39.989 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

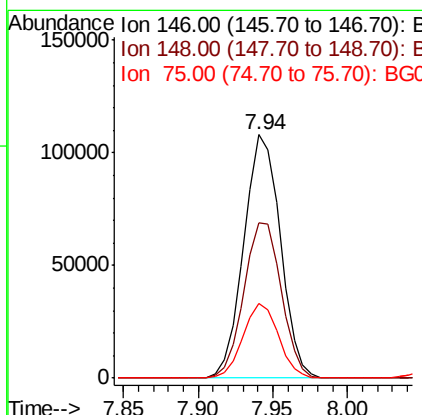
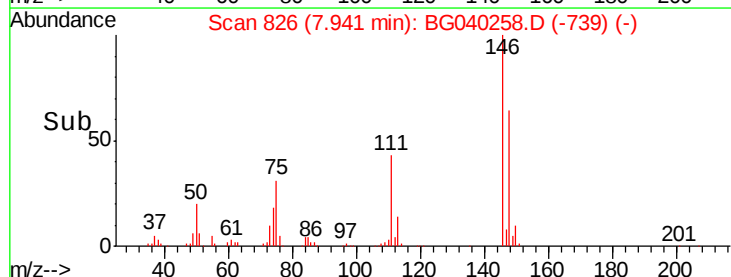
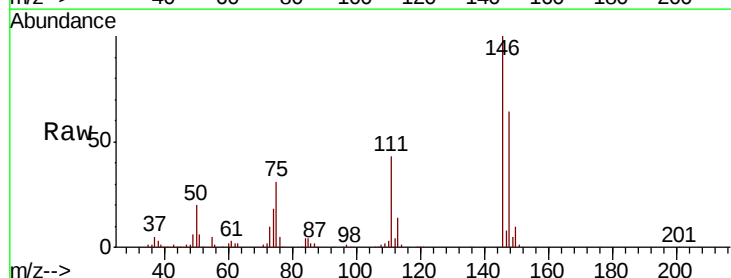
Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMS

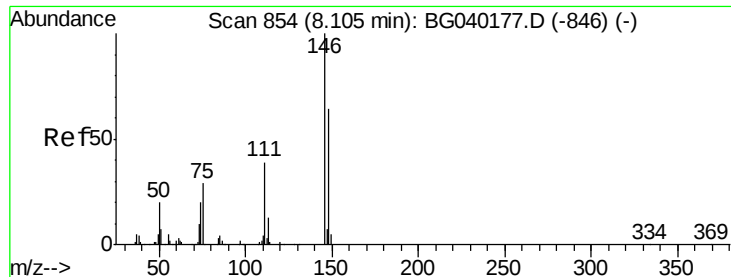
Tgt Ion:	93	Resp:	180830
Ion	Ratio	Lower	Upper
93	100		
63	81.4	64.2	104.2
95	31.8	14.0	54.0



#12
1,3-Dichlorobenzene
Concen: 38.219 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.02 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Tgt Ion:	146	Resp:	183045
Ion	Ratio	Lower	Upper
146	100		
148	63.7	48.2	72.2
75	30.7	24.1	36.1

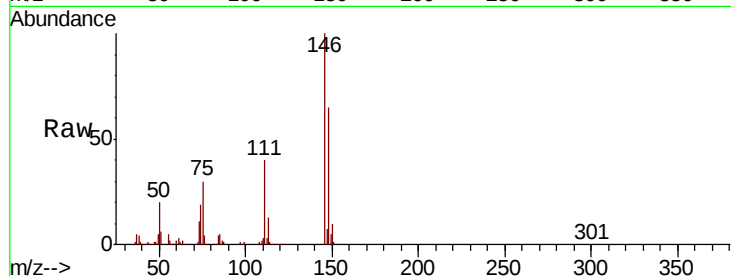




#13
 1,4-Dichlorobenzene
 Concen: 39.665 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BG040258.D
 Acq: 30 Mar 2019 12:35

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-032719-AMS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.0	76.4
111	39.8	31.8	47.6

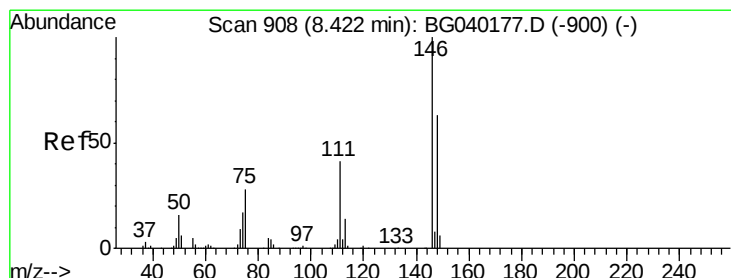
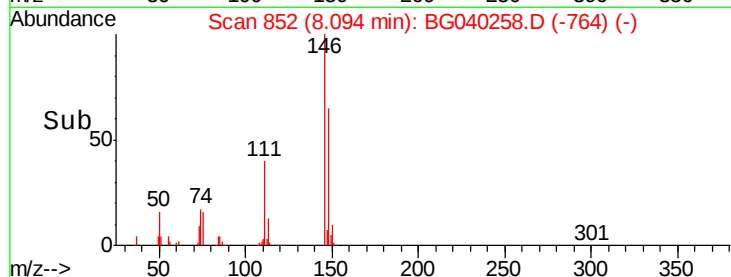
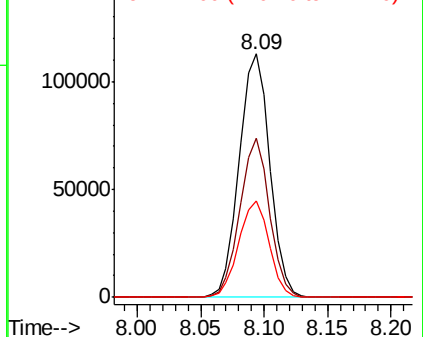


Abundance

Ion 146.00 (145.70 to 146.70): E

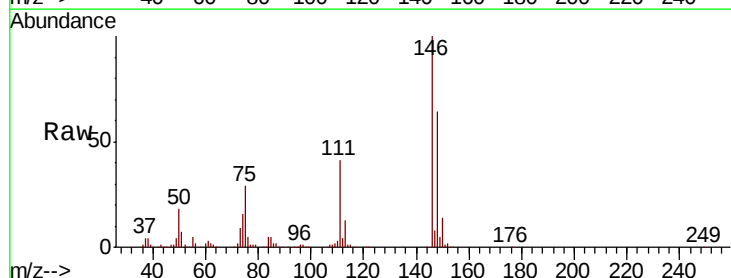
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.271 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG040258.D
 Acq: 30 Mar 2019 12:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.8	76.2
111	40.7	33.4	50.0

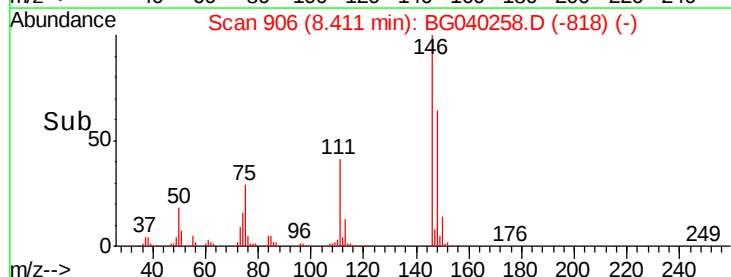
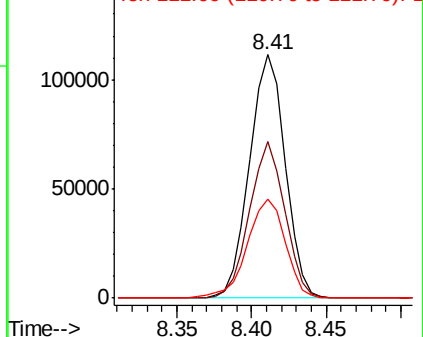


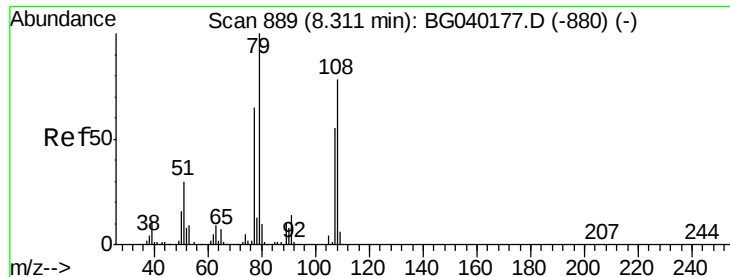
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.364 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-AMS

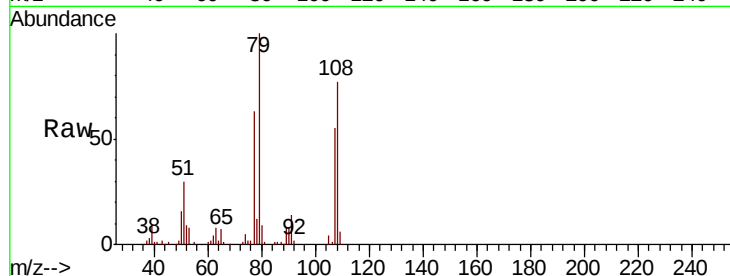
Tgt Ion: 79 Resp: 173278

Ion Ratio Lower Upper

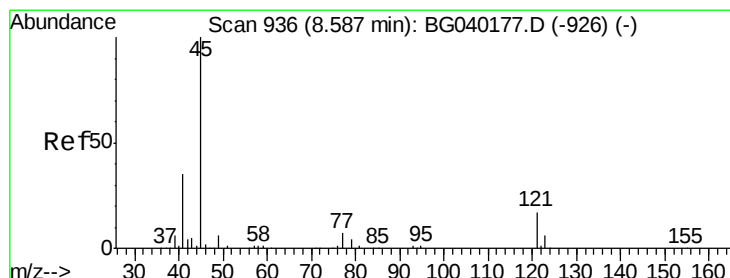
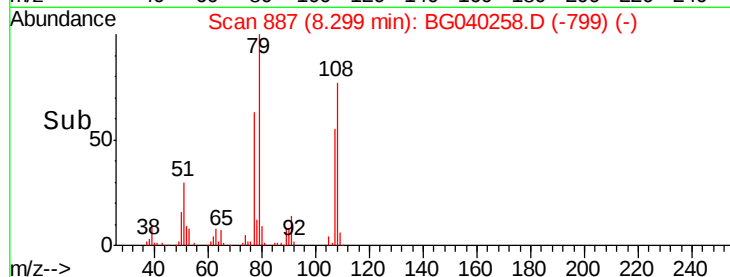
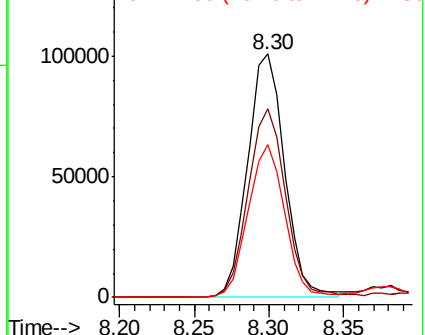
79 100

108 77.5 62.1 93.1

77 62.9 51.9 77.9



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: 38.006 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

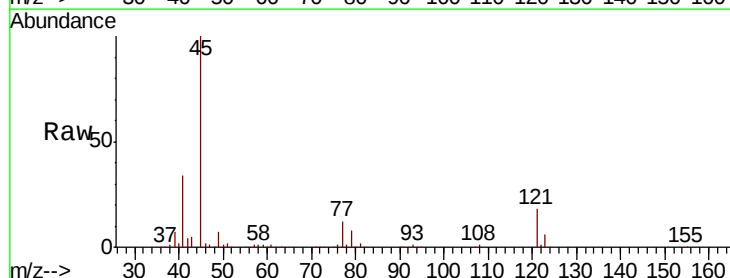
Tgt Ion: 45 Resp: 329838

Ion Ratio Lower Upper

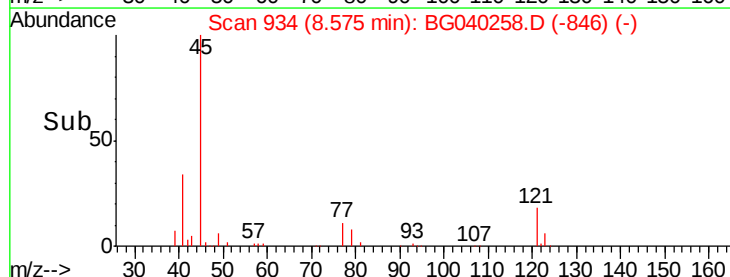
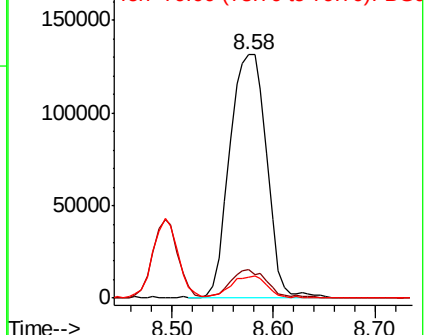
45 100

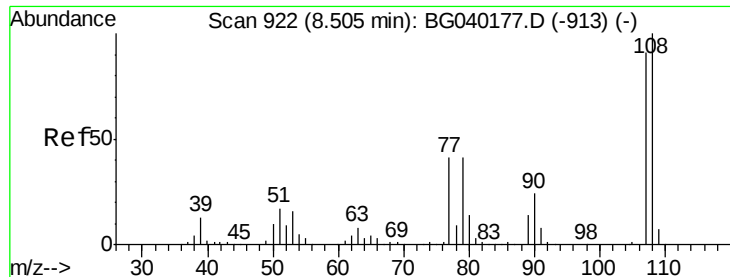
77 11.6 0.0 31.4

79 8.4 0.0 28.3



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

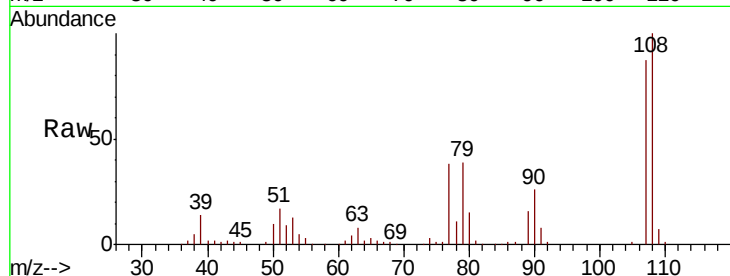




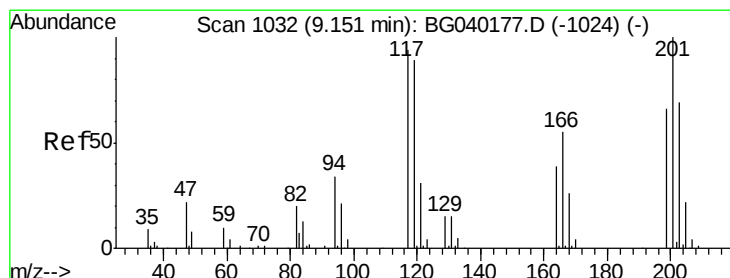
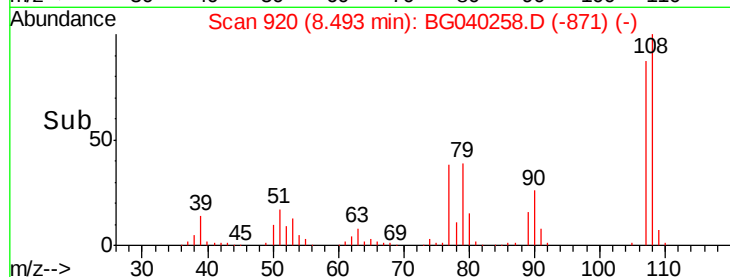
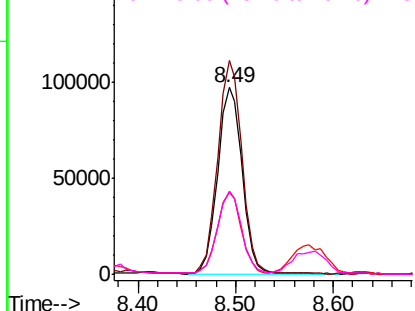
#17
2-Methylphenol
Concen: 43.088 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.01 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMS

Tgt Ion:	107	Resp:	168338
Ion	Ratio	Lower	Upper
107	100		
108	114.5	88.2	132.4
77	43.6	36.6	55.0
79	44.6	36.5	54.7

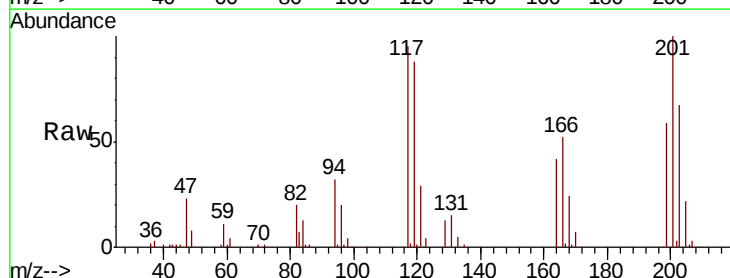


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

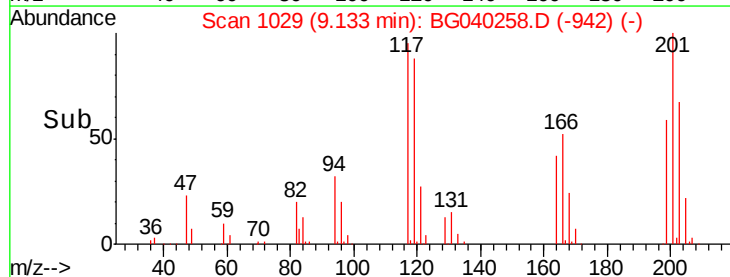
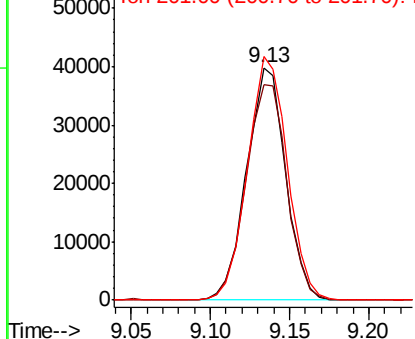


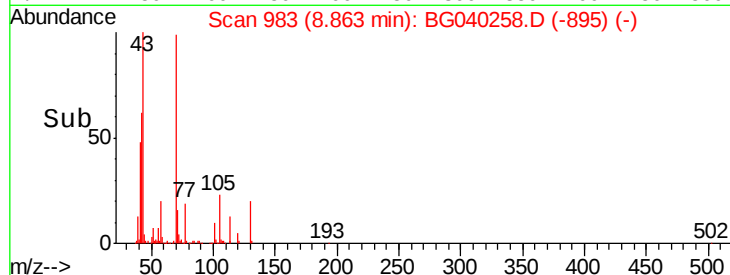
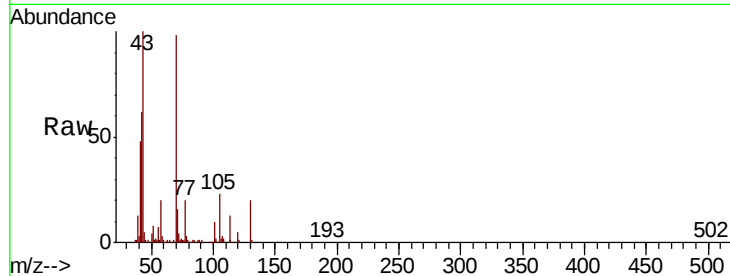
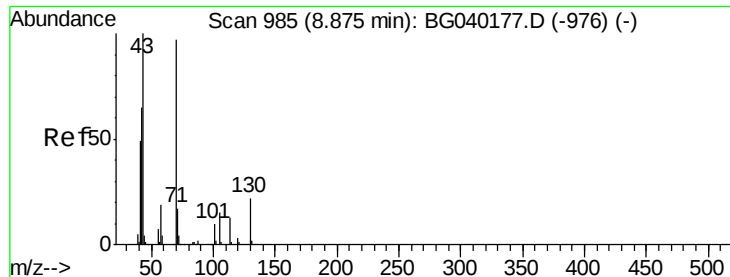
#18
Hexachloroethane
Concen: 37.634 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Tgt Ion:	117	Resp:	68285
Ion	Ratio	Lower	Upper
117	100		
119	92.7	76.6	115.0
201	104.9	85.0	127.4



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

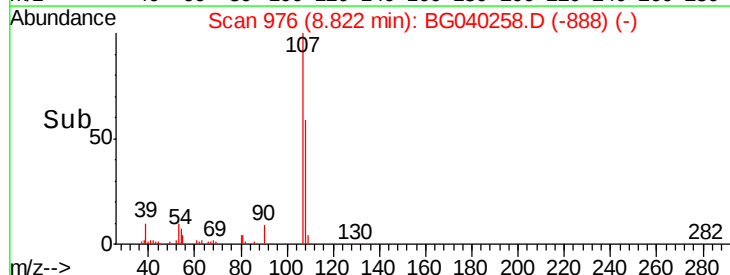
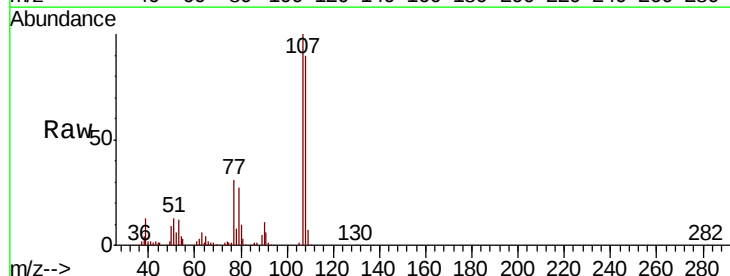
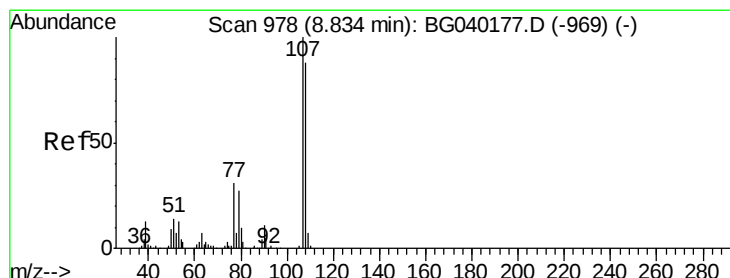
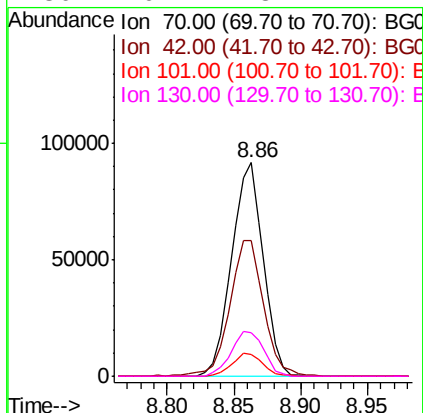




#19
n-Nitroso-di-n-propylamine
Concen: 40.260 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

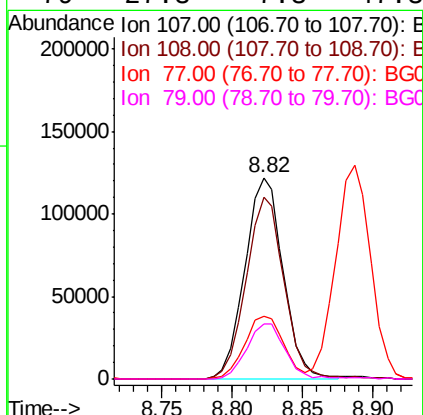
Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMS

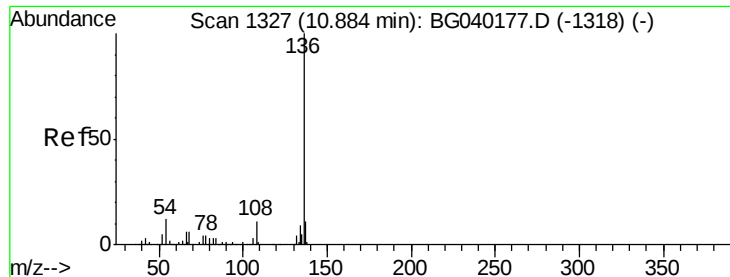
Tgt Ion:	70	Resp:	150145
Ion	Ratio	Lower	Upper
70	100		
42	63.2	54.0	81.0
101	10.3	8.6	13.0
130	20.4	18.2	27.2



#20
3+4-Methylphenols
Concen: 43.801 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Tgt Ion:	107	Resp:	231817
Ion	Ratio	Lower	Upper
107	100		
108	90.2	68.3	108.3
77	31.2	11.3	51.3
79	27.3	7.3	47.3

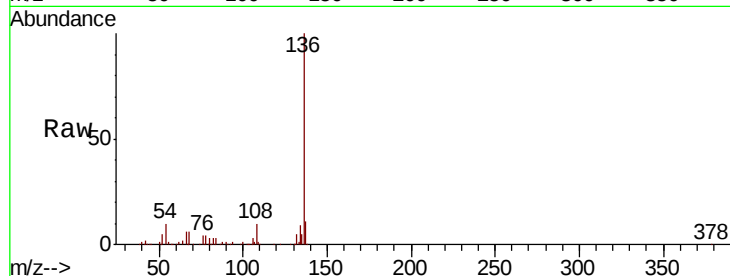




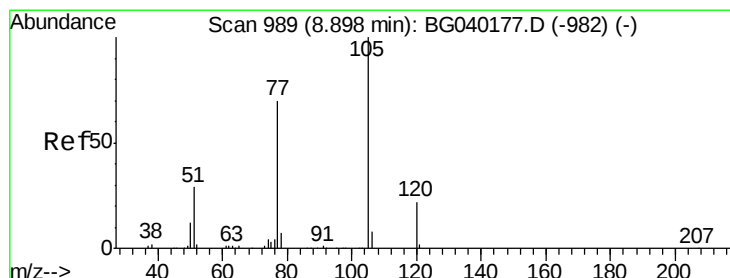
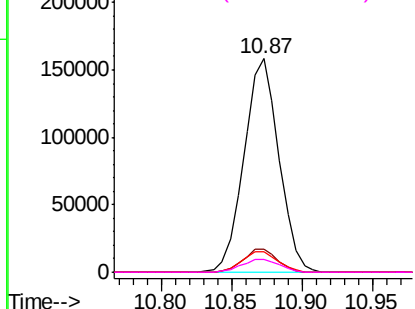
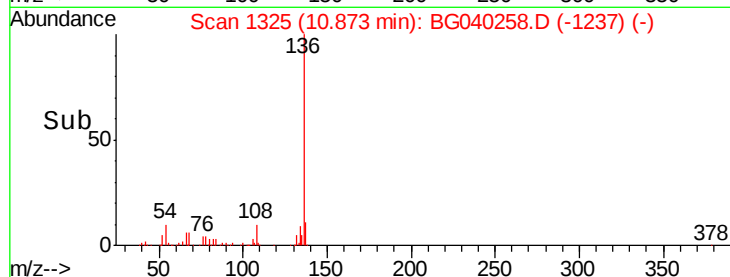
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMS

Tgt Ion:	136	Resp:	273793
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.6	9.6	14.4#
68	5.8	5.1	7.7

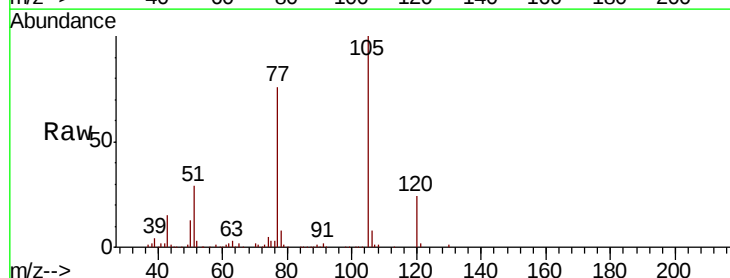


Abundance Ion 136.00 (135.70 to 136.70): E
250000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

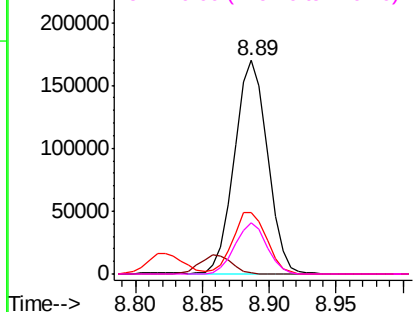
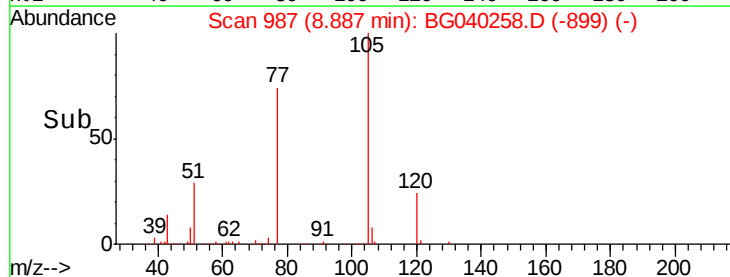


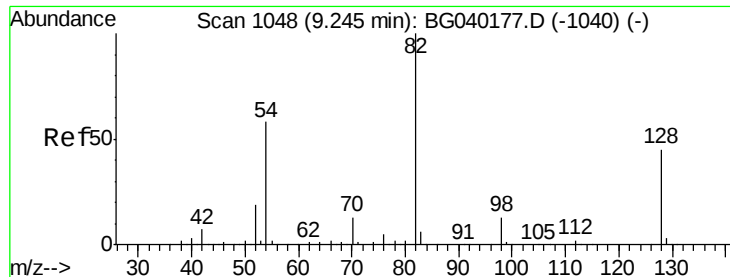
#22
Acetophenone
Concen: 42.581 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Tgt Ion:	105	Resp:	290818
Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.6	1.0#
51	29.0	25.1	37.7
120	24.0	17.6	26.4



Abundance Ion 105.00 (104.70 to 105.70): E
250000
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

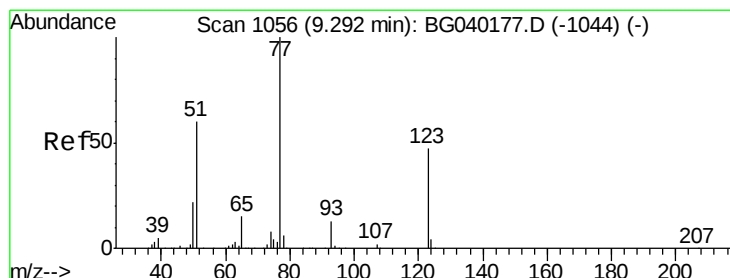
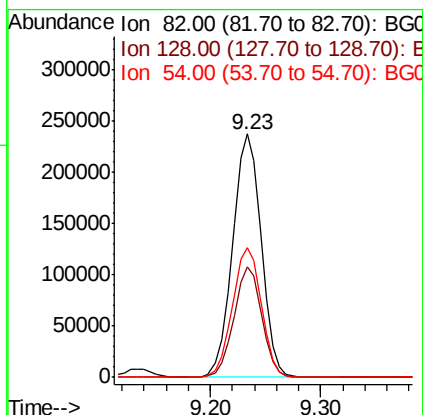
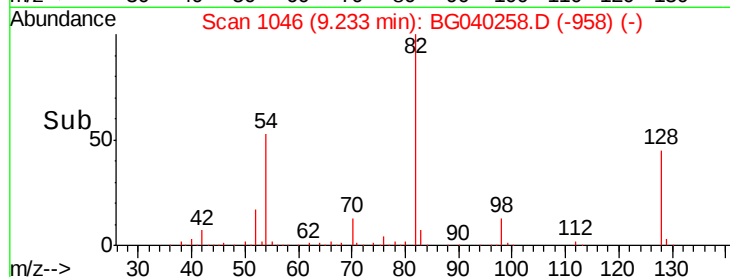
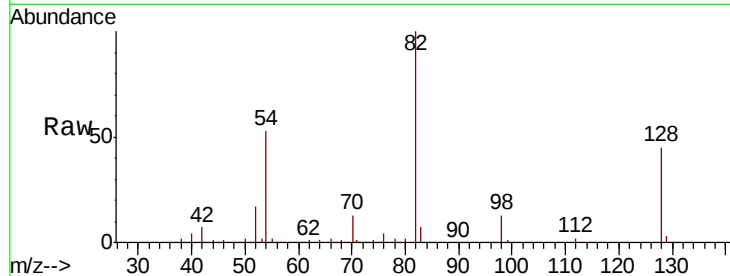




#23
 Nitrobenzene-d5
 Concen: 83.726 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG040258.D
 Acq: 30 Mar 2019 12:35

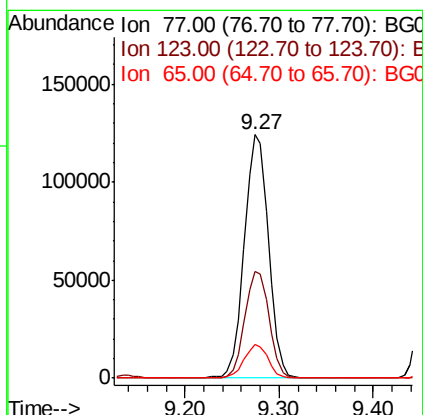
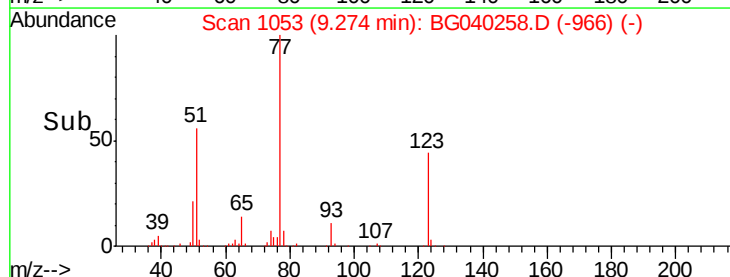
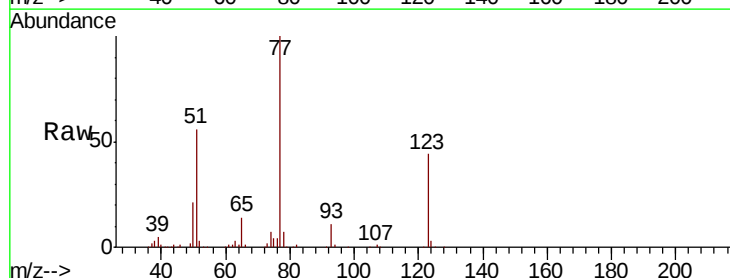
Instrument :
 BNA_G
 ClientSampleId :
 SU-02-032719-AMS

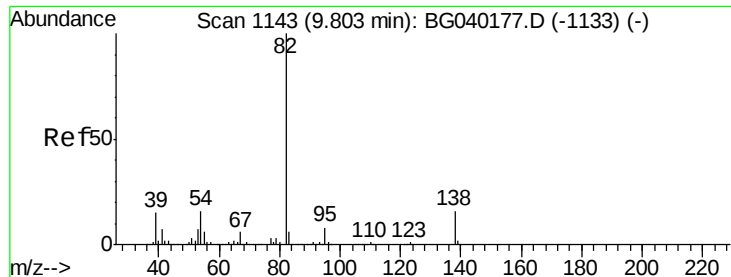
Tgt Ion: 82 Resp: 431273
 Ion Ratio Lower Upper
 82 100
 128 45.3 35.8 53.8
 54 53.4 46.2 69.2



#24
 Nitrobenzene
 Concen: 41.424 ng
 RT: 9.27 min Scan# 1053
 Delta R.T. -0.02 min
 Lab File: BG040258.D
 Acq: 30 Mar 2019 12:35

Tgt Ion: 77 Resp: 220955
 Ion Ratio Lower Upper
 77 100
 123 43.9 37.8 56.6
 65 13.9 12.0 18.0





#25

Isophorone

Concen: 41.878 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-AMS

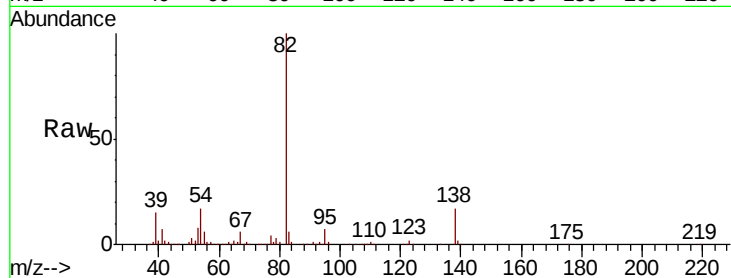
Tgt Ion: 82 Resp: 443847

Ion Ratio Lower Upper

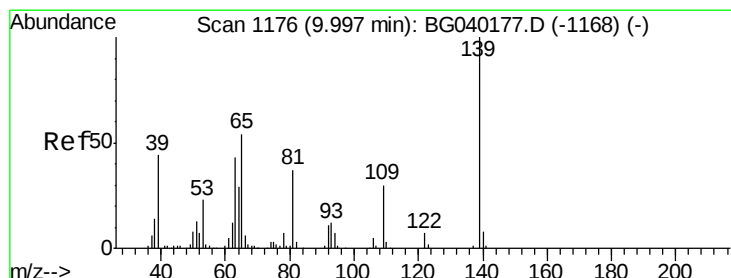
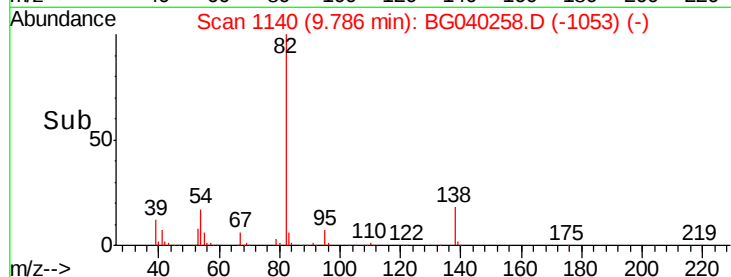
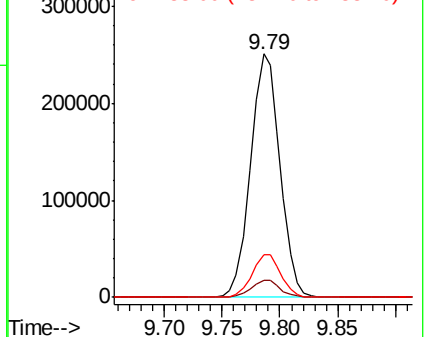
82 100

95 7.2 6.1 9.1

138 17.5 13.2 19.8



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: 40.479 ng

RT: 9.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

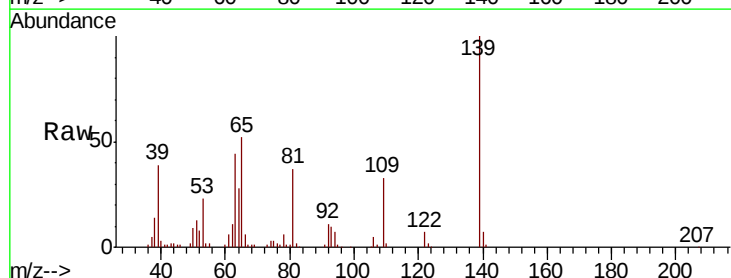
Tgt Ion: 139 Resp: 102309

Ion Ratio Lower Upper

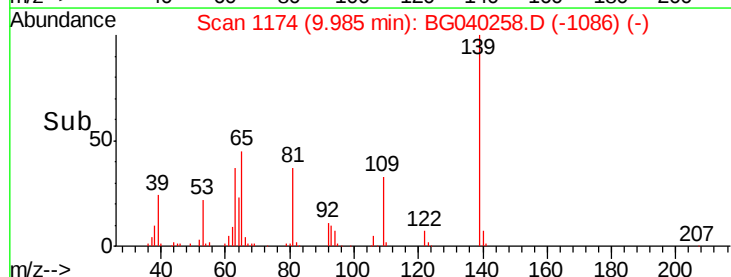
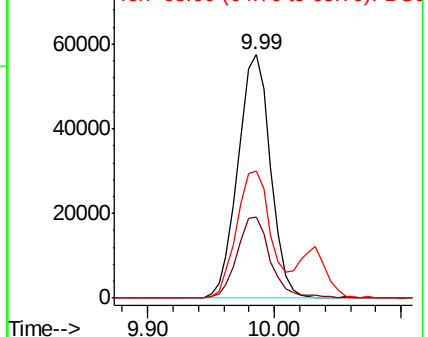
139 100

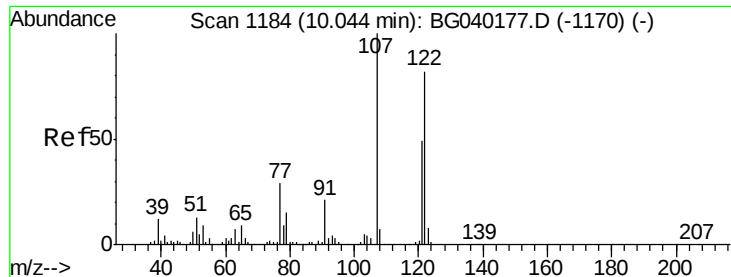
109 33.1 24.1 36.1

65 52.0 43.0 64.6



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

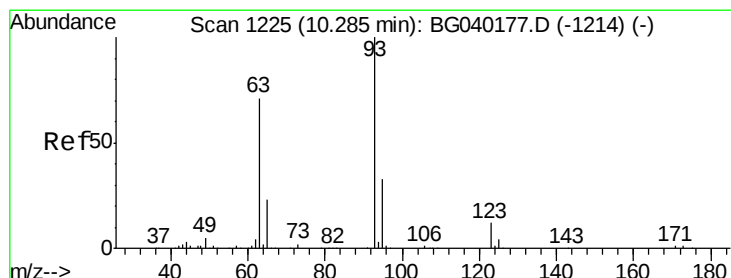
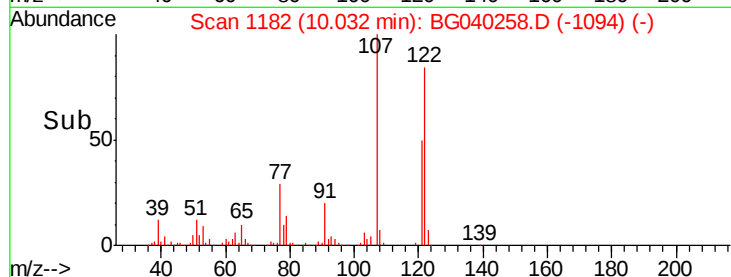
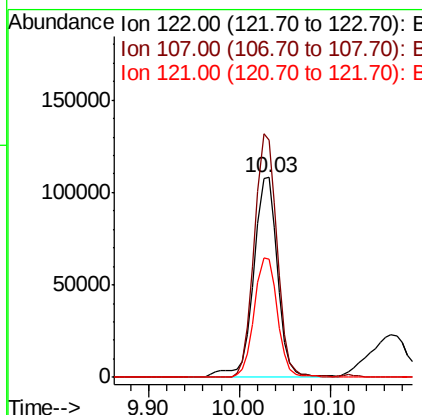
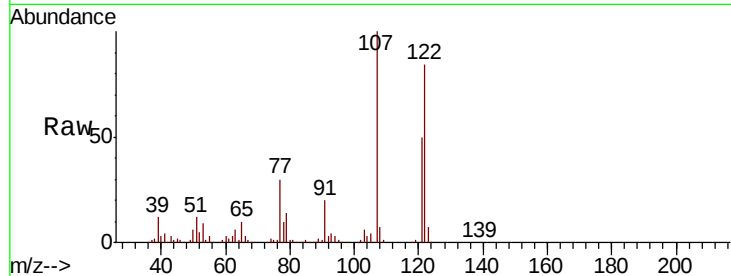




#27
 2,4-Dimethylphenol
 Concen: 49.725 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BG040258.D
 Acq: 30 Mar 2019 12:35

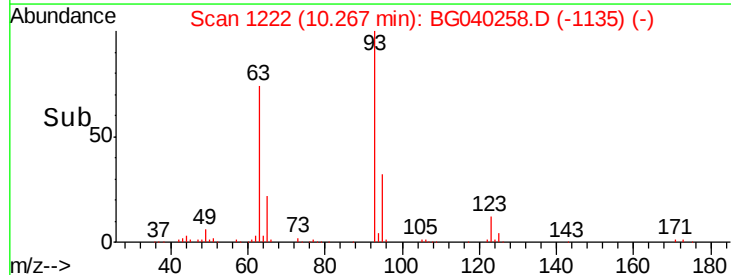
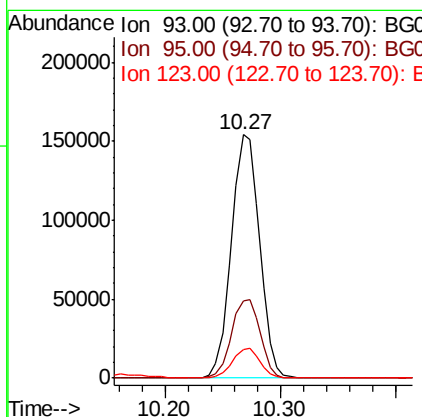
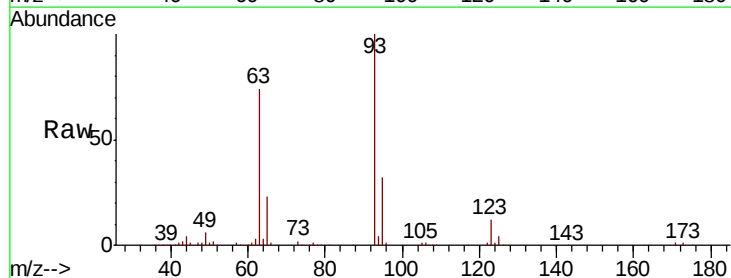
Instrument :
 BNA_G
 ClientSampleId :
 SU-02-032719-AMS

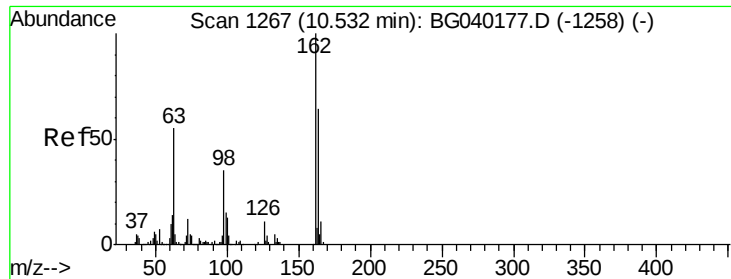
Tgt Ion:122 Resp: 199630
 Ion Ratio Lower Upper
 122 100
 107 118.7 97.4 146.2
 121 59.3 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.658 ng
 RT: 10.27 min Scan# 1222
 Delta R.T. -0.02 min
 Lab File: BG040258.D
 Acq: 30 Mar 2019 12:35

Tgt Ion: 93 Resp: 261210
 Ion Ratio Lower Upper
 93 100
 95 31.7 26.2 39.4
 123 11.9 9.4 14.0

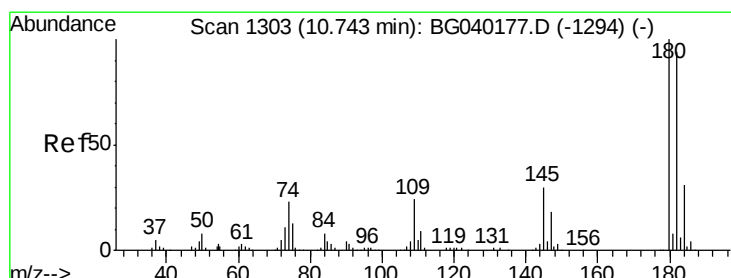
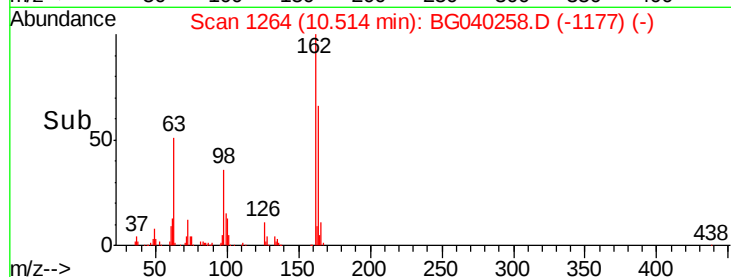
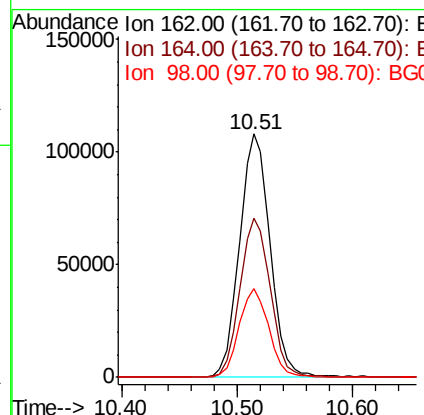
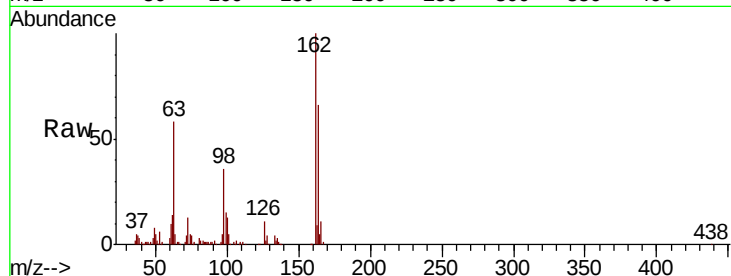




#29
 2,4-Dichlorophenol
 Concen: 45.425 ng
 RT: 10.51 min Scan# 1264
 Delta R.T. -0.02 min
 Lab File: BG040258.D
 Acq: 30 Mar 2019 12:35

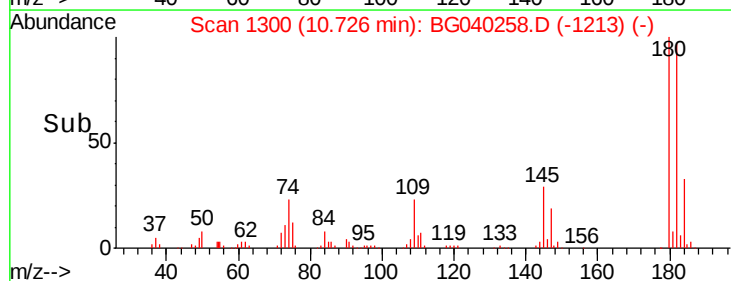
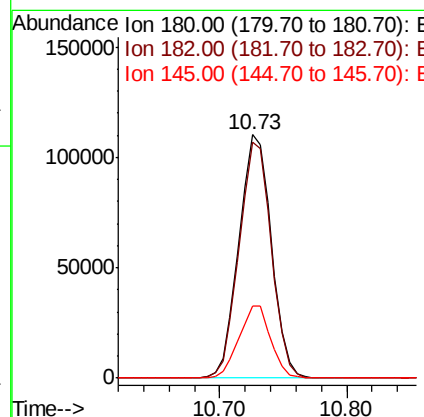
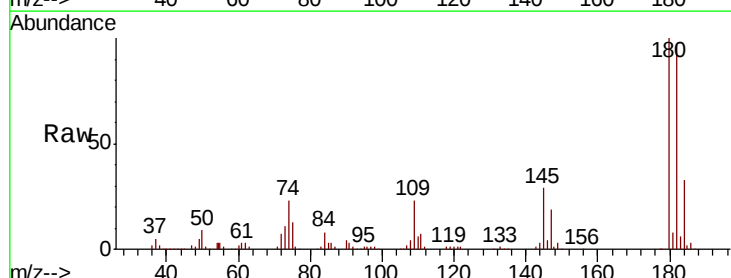
Instrument :
 BNA_G
 ClientSampleId :
 SU-02-032719-AMS

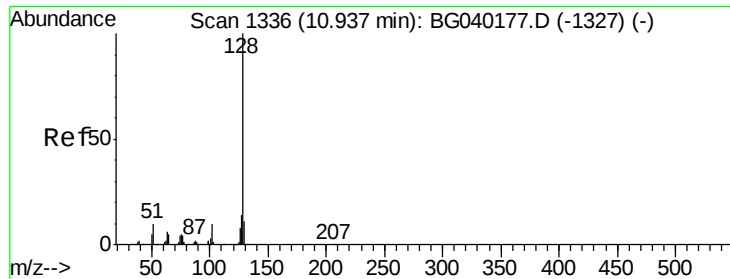
Tgt Ion:	162	Resp:	197949
Ion	Ratio	Lower	Upper
162	100		
164	65.5	43.9	83.9
98	36.4	15.6	55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 40.862 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BG040258.D
 Acq: 30 Mar 2019 12:35

Tgt Ion:	180	Resp:	195522
Ion	Ratio	Lower	Upper
180	100		
182	96.7	75.1	112.7
145	29.4	24.1	36.1

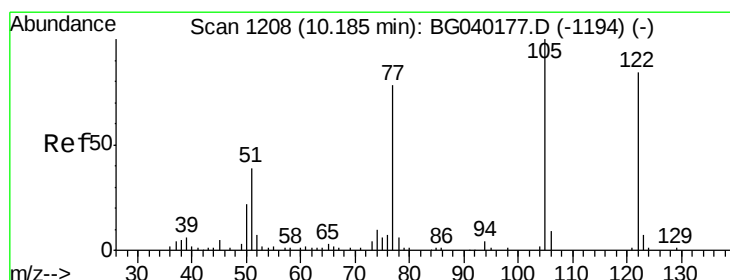
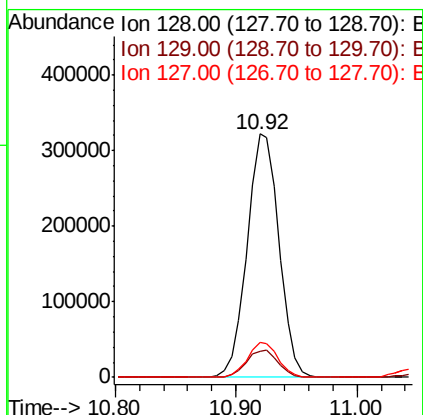
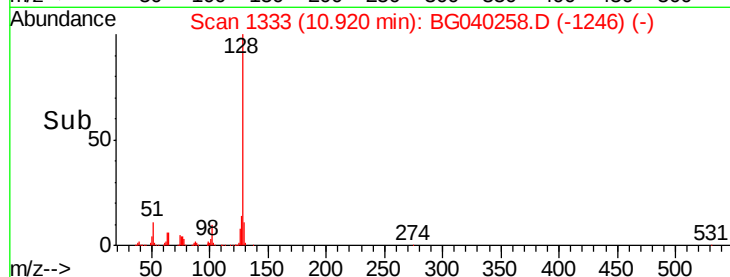
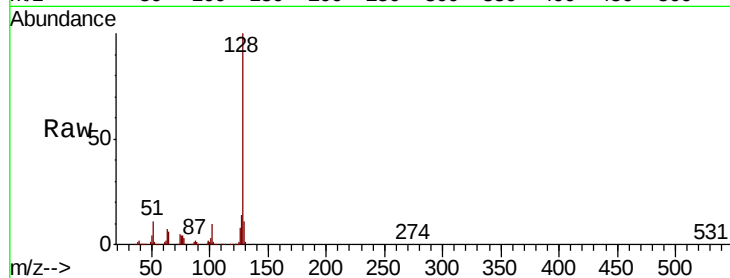




#31
Naphthalene
Concen: 42.192 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

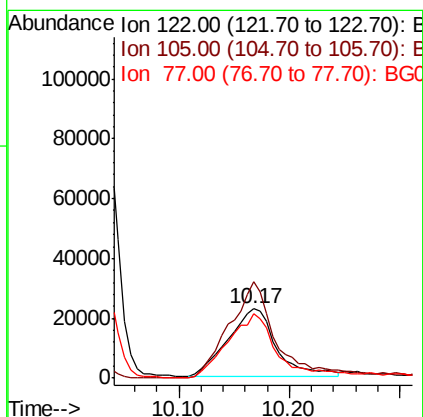
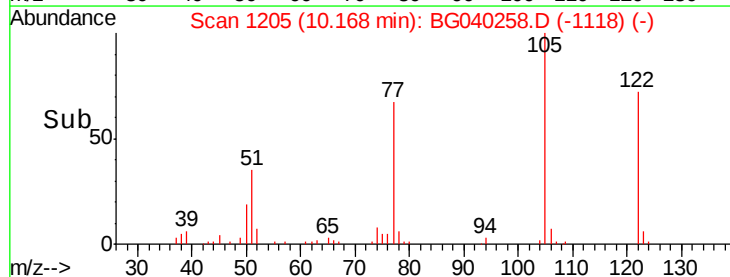
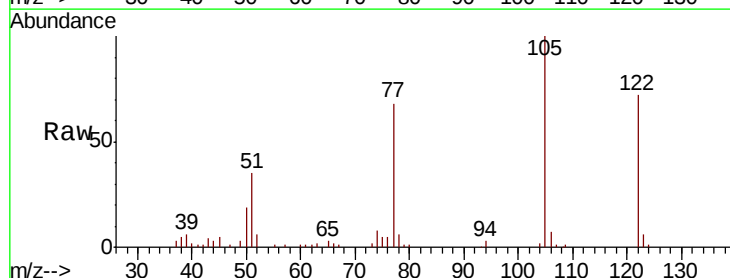
Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMS

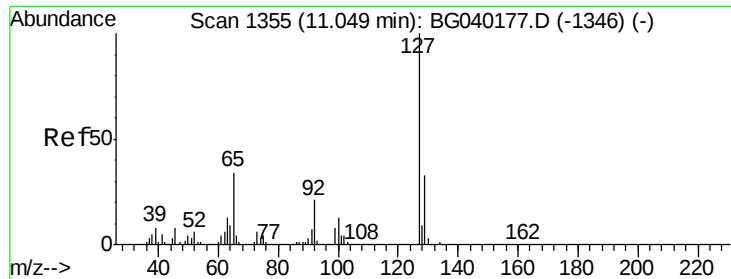
Tgt Ion:128 Resp: 592124
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 14.3 11.4 17.0



#32
Benzoic acid
Concen: 28.846 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Tgt Ion:122 Resp: 69970
Ion Ratio Lower Upper
122 100
105 138.8 98.2 138.2#
77 94.0 73.6 113.6

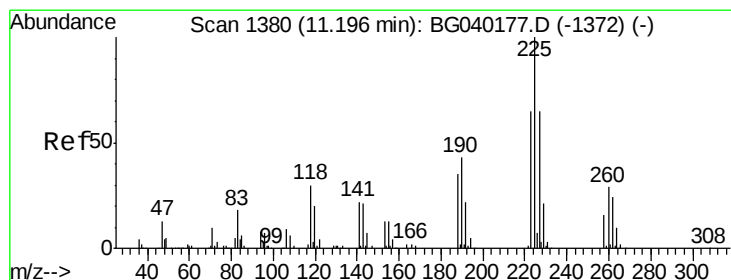
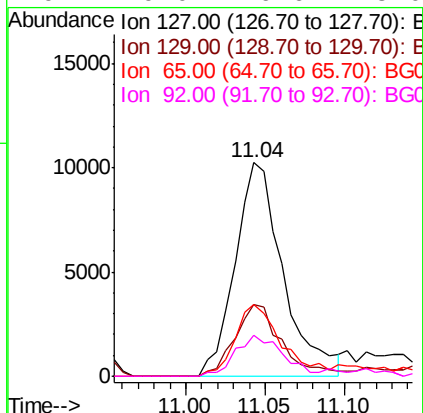
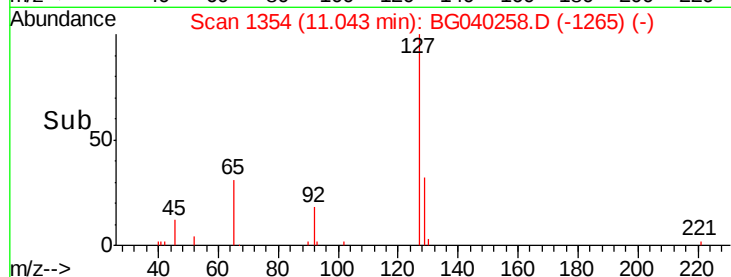
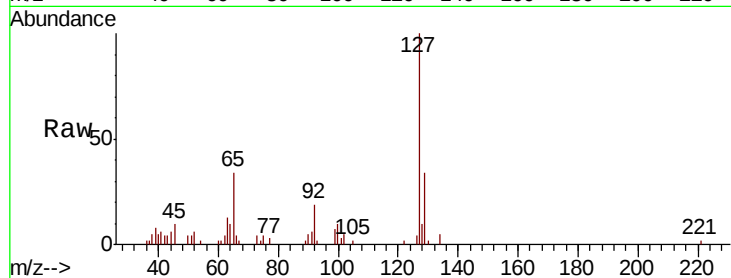




#33
4-Chloroaniline
Concen: 3.600 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

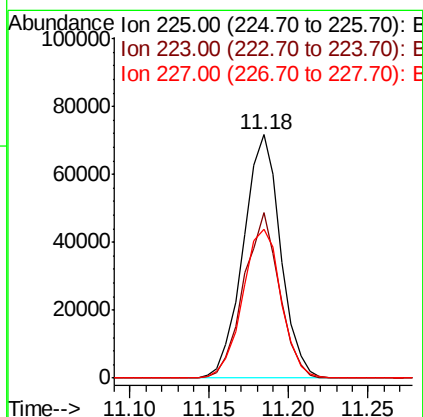
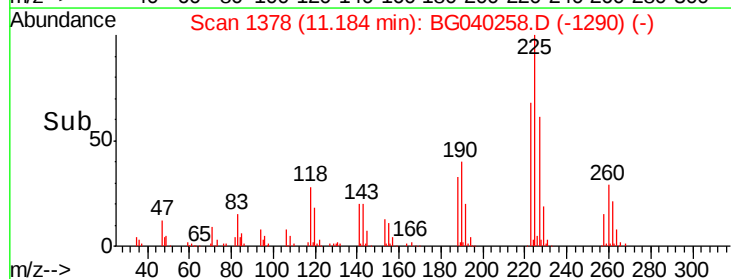
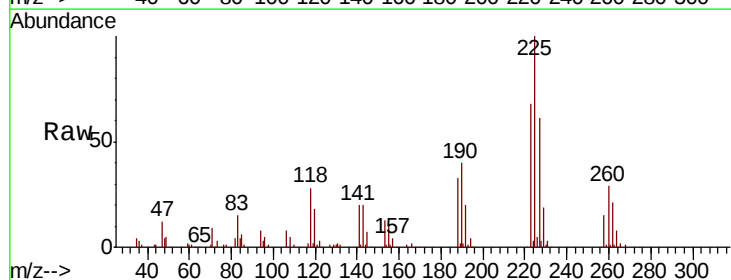
Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMS

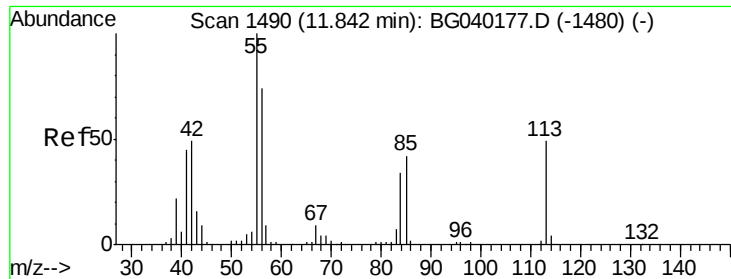
Tgt Ion:	127	Resp:	21550
Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.6	40.0
65	33.7	27.0	40.4
92	19.0	16.6	25.0



#34
Hexachlorobutadiene
Concen: 38.257 ng
RT: 11.18 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Tgt Ion:	225	Resp:	117074
Ion	Ratio	Lower	Upper
225	100		
223	68.1	51.8	77.8
227	61.1	54.9	82.3





#35

Caprolactam

Concen: 17.948 ng

RT: 11.82 min Scan# 1487

Delta R.T. -0.02 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-AMS

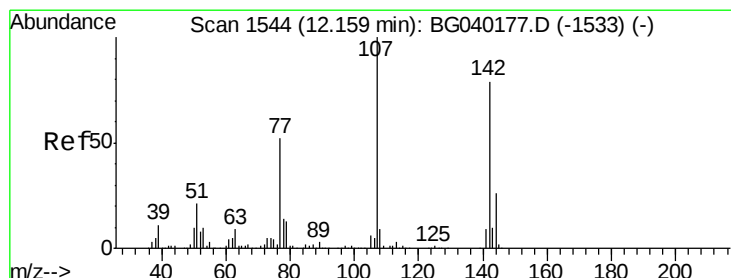
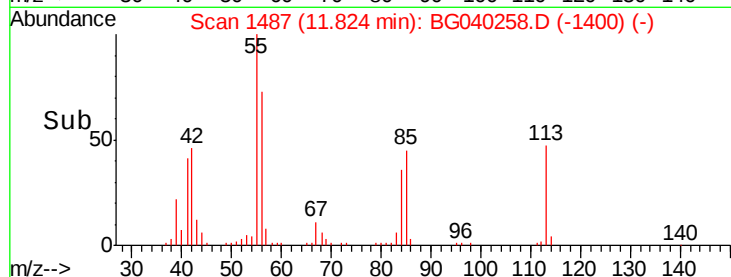
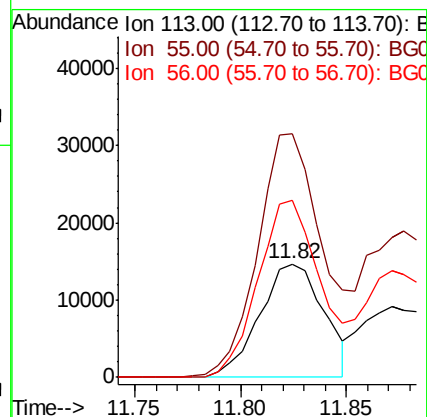
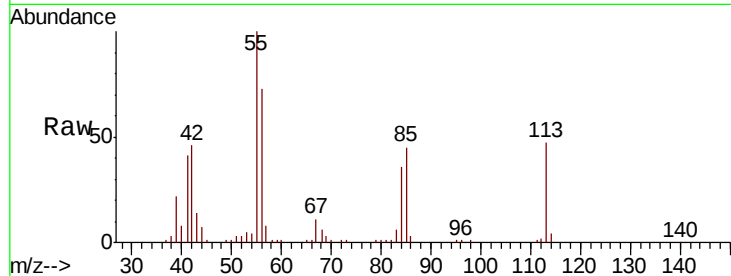
Tgt Ion:113 Resp: 31038

Ion Ratio Lower Upper

113 100

55 214.5 184.2 224.2

56 156.1 131.3 171.3



#36

4-Chloro-3-methylphenol

Concen: 46.580 ng

RT: 12.15 min Scan# 1542

Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

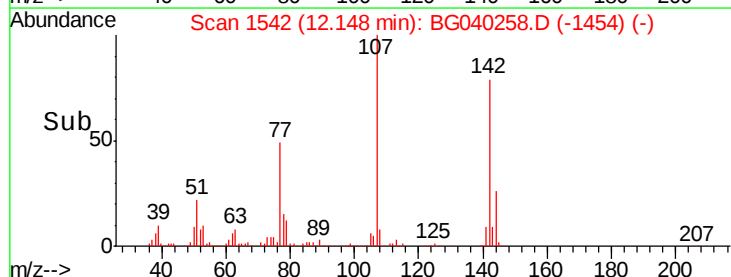
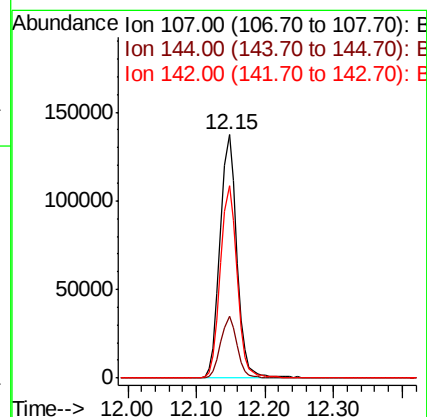
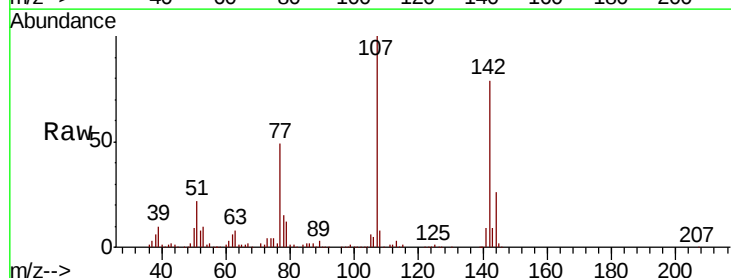
Tgt Ion:107 Resp: 233351

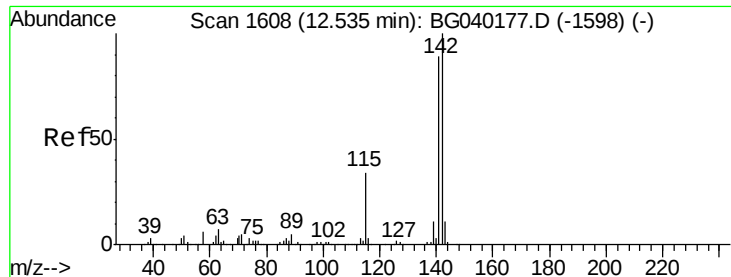
Ion Ratio Lower Upper

107 100

144 25.6 20.5 30.7

142 79.2 63.1 94.7

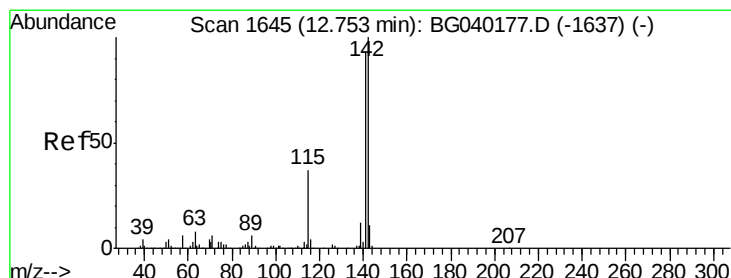
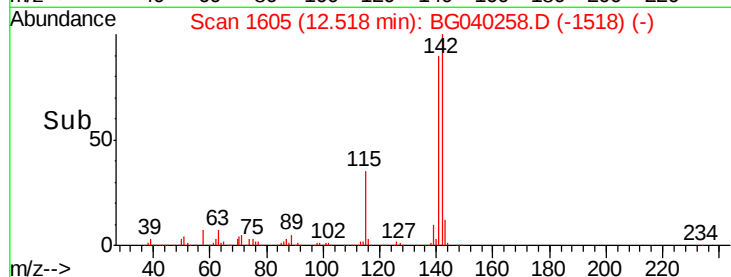
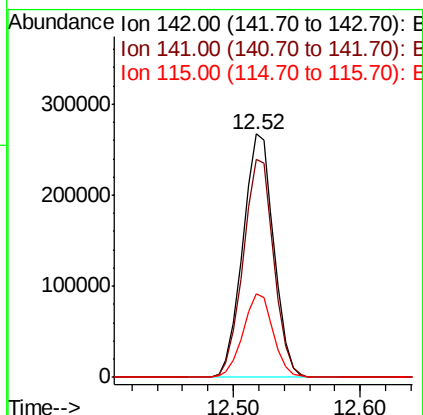
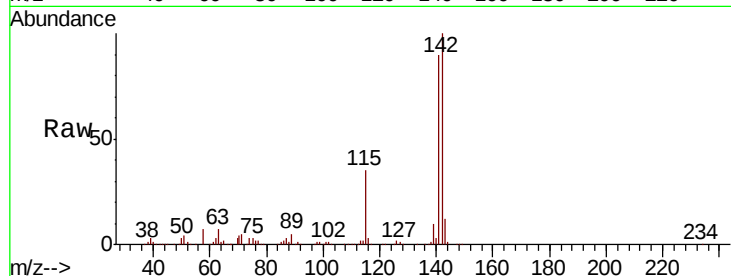




#37
 2-Methylnaphthalene
 Concen: 43.534 ng
 RT: 12.52 min Scan# 1605
 Delta R.T. -0.02 min
 Lab File: BG040258.D
 Acq: 30 Mar 2019 12:35

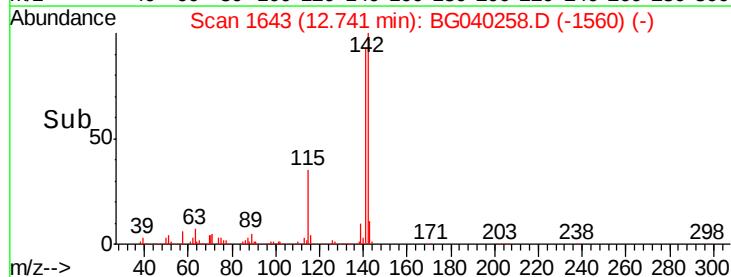
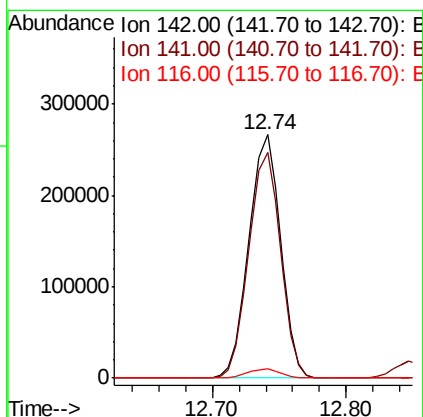
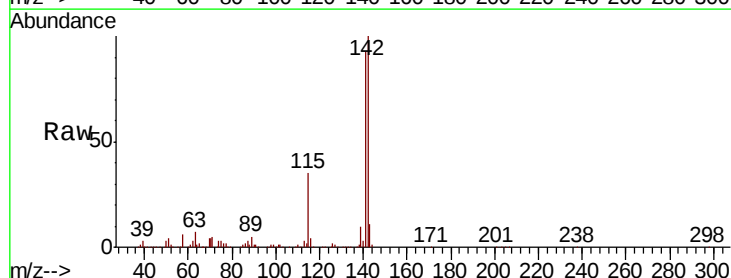
Instrument :
 BNA_G
 ClientSampleId :
 SU-02-032719-AMS

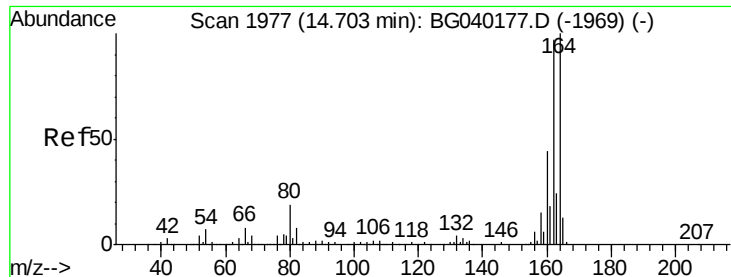
Tgt Ion:142 Resp: 451852
 Ion Ratio Lower Upper
 142 100
 141 89.5 71.0 106.6
 115 34.6 27.3 40.9



#38
 1-Methylnaphthalene
 Concen: 43.330 ng
 RT: 12.74 min Scan# 1643
 Delta R.T. -0.01 min
 Lab File: BG040258.D
 Acq: 30 Mar 2019 12:35

Tgt Ion:142 Resp: 436106
 Ion Ratio Lower Upper
 142 100
 141 92.6 74.2 111.4
 116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-AMS

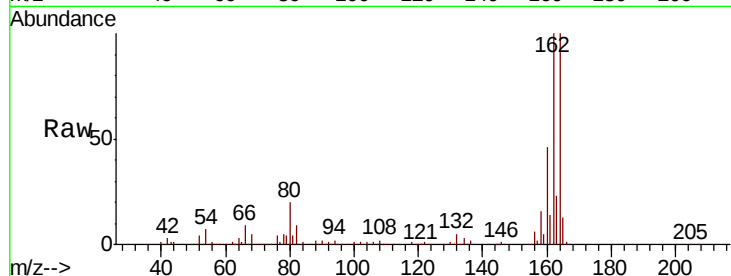
Tgt Ion:164 Resp: 185747

Ion Ratio Lower Upper

164 100

162 100.2 77.4 116.2

160 46.2 35.3 52.9

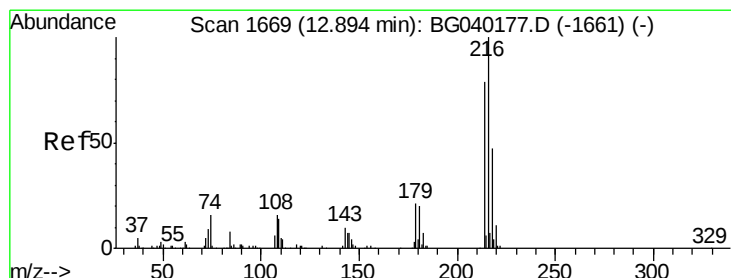
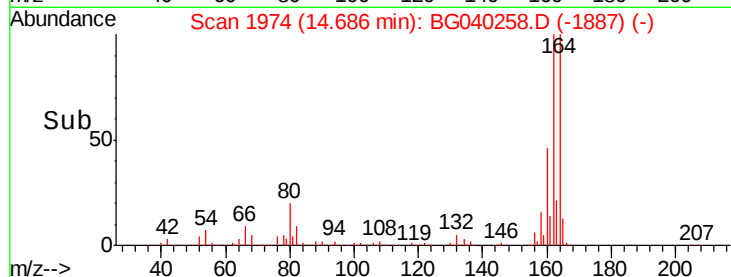
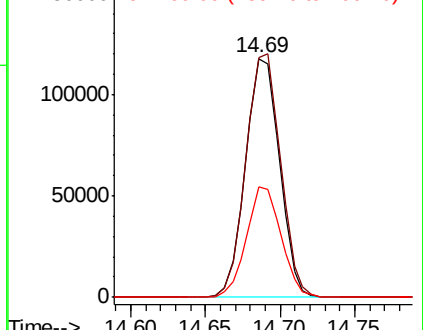


Abundance

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: 38.807 ng

RT: 12.88 min Scan# 1667

Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Tgt Ion:216 Resp: 229102

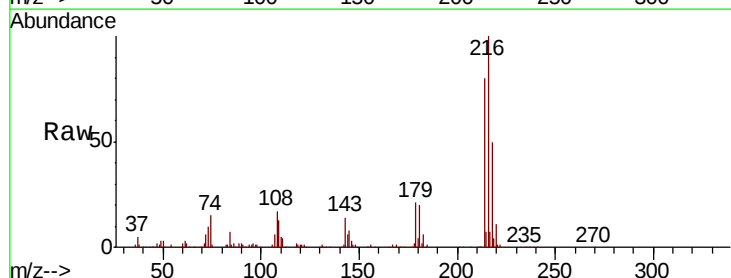
Ion Ratio Lower Upper

216 100

214 79.1 63.5 95.3

179 20.1 16.6 25.0

108 19.6 13.8 20.8



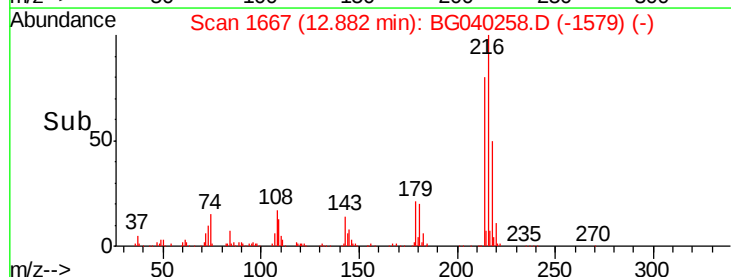
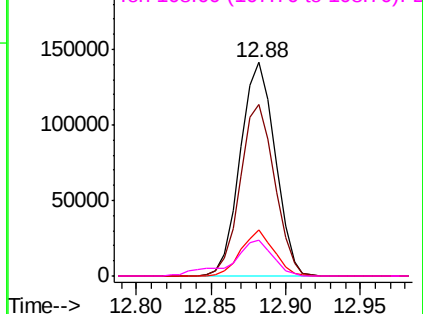
Abundance

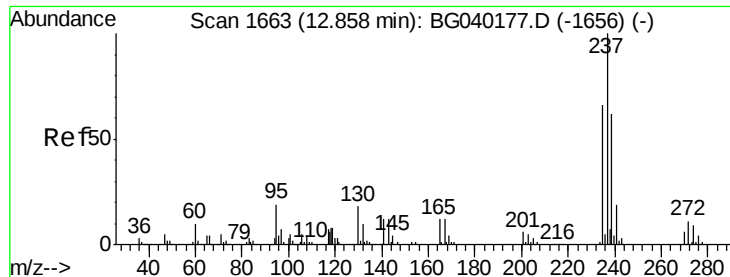
Ion 216.00 (215.70 to 216.70): E

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: 79.386 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-AMS

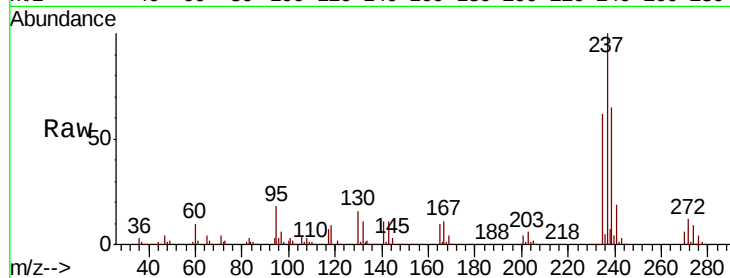
Tgt Ion:237 Resp: 257335

Ion Ratio Lower Upper

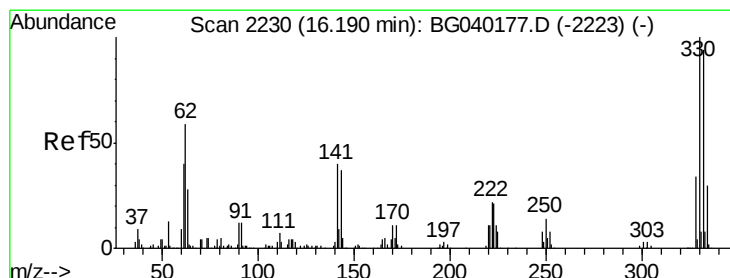
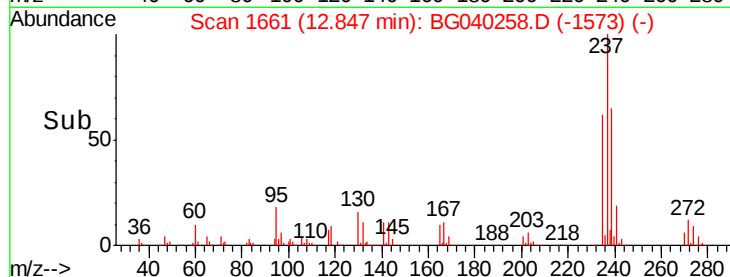
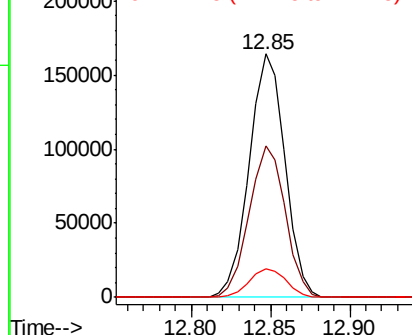
237 100

235 62.5 46.2 86.2

272 11.9 0.0 30.5



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: 147.818 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

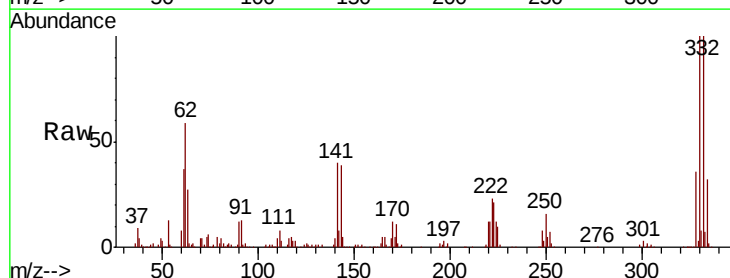
Tgt Ion:330 Resp: 296736

Ion Ratio Lower Upper

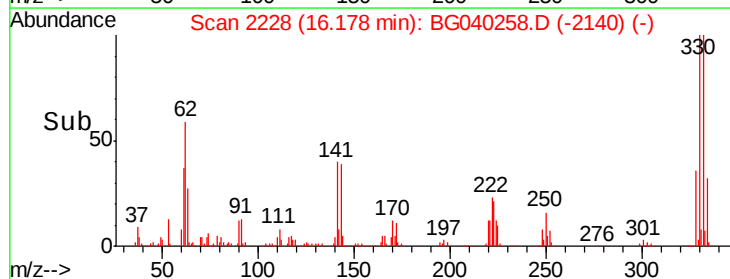
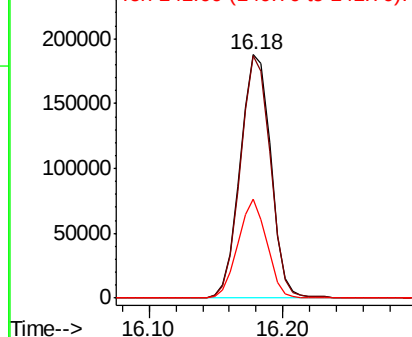
330 100

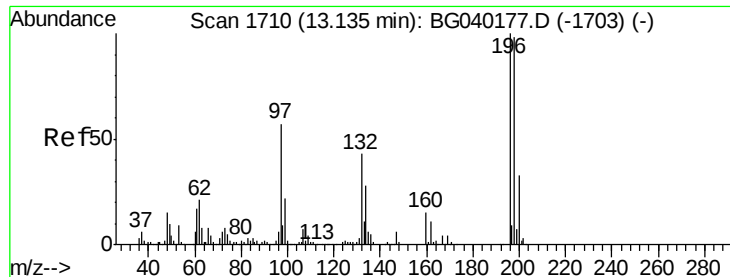
332 97.8 76.6 115.0

141 38.6 32.6 48.8



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

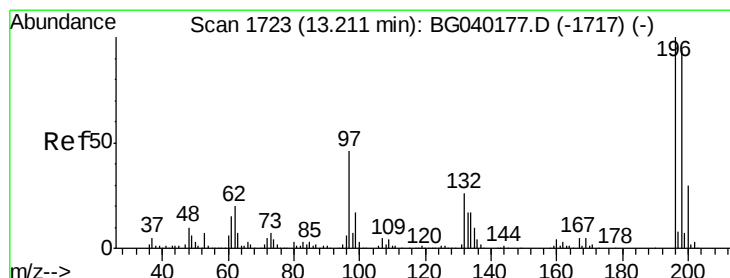
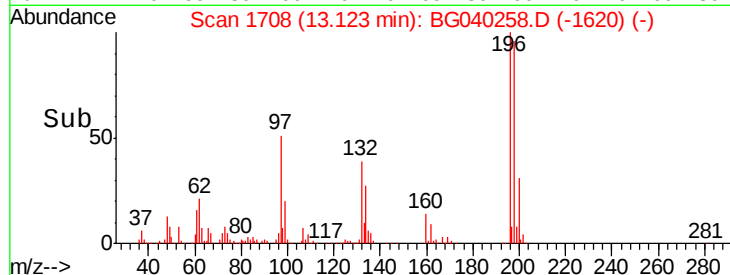
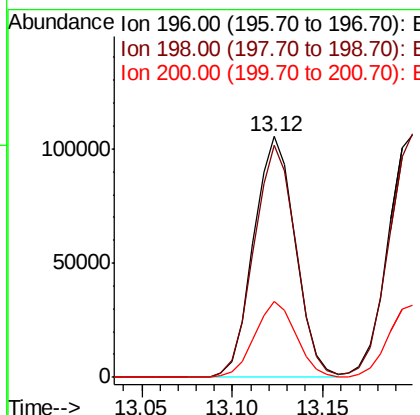
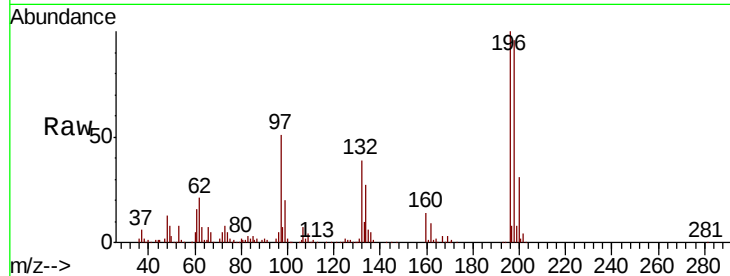




#43
 2,4,6-Trichlorophenol
 Concen: 44.277 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG040258.D
 Acq: 30 Mar 2019 12:35

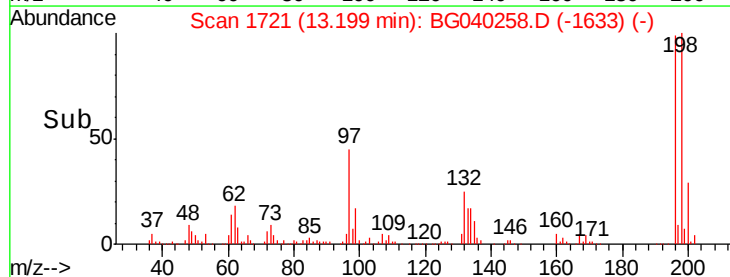
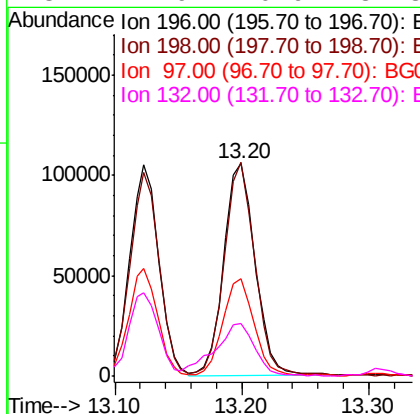
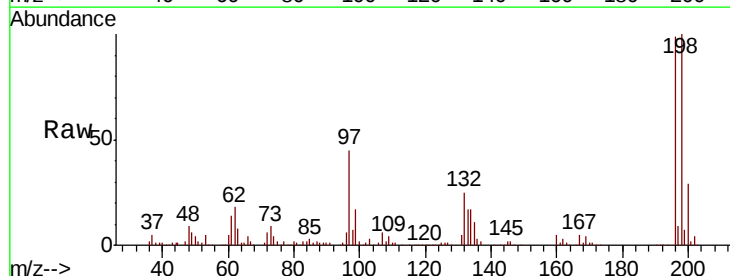
Instrument :
 BNA_G
 ClientSampleId :
 SU-02-032719-AMS

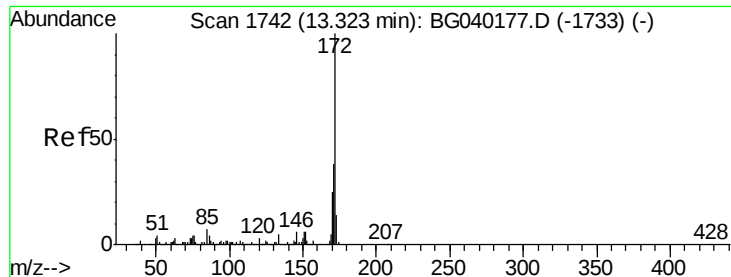
Tgt Ion:196 Resp: 168531
 Ion Ratio Lower Upper
 196 100
 198 96.2 78.3 117.5
 200 31.3 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 43.622 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG040258.D
 Acq: 30 Mar 2019 12:35

Tgt Ion:196 Resp: 180978
 Ion Ratio Lower Upper
 196 100
 198 100.5 75.0 112.6
 97 45.5 37.3 55.9
 132 24.9 20.9 31.3

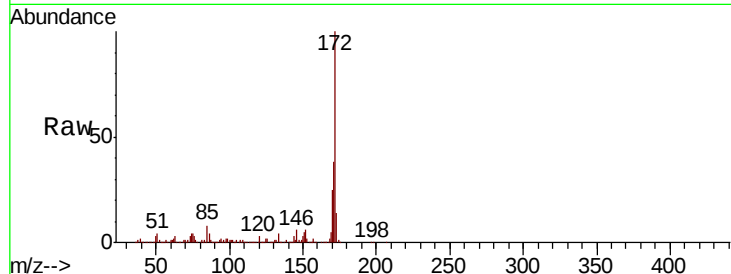




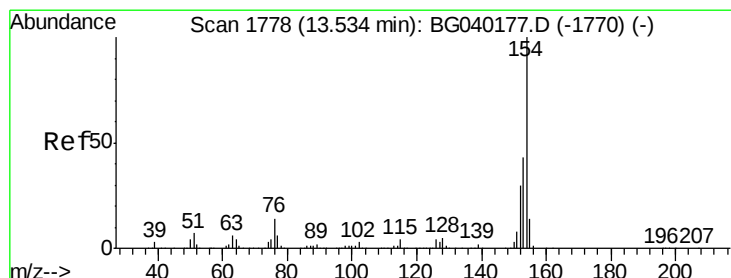
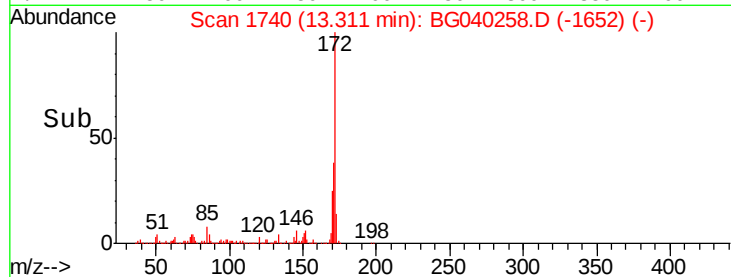
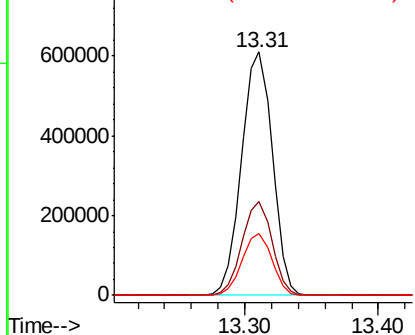
#45
2-Fluorobiphenyl
Concen: 77.687 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.5	45.7
170	25.4	20.1	30.1

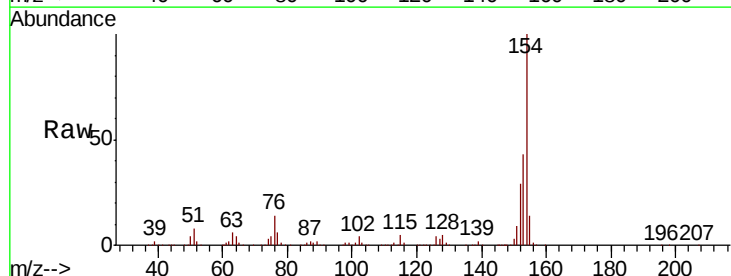


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

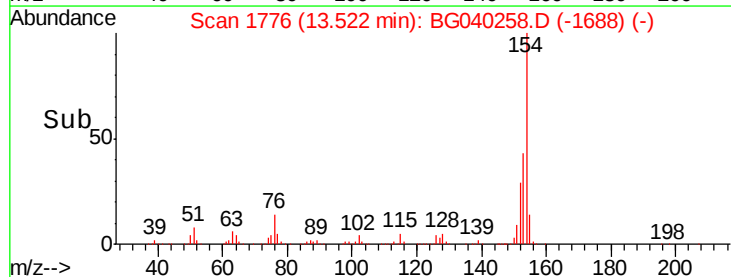
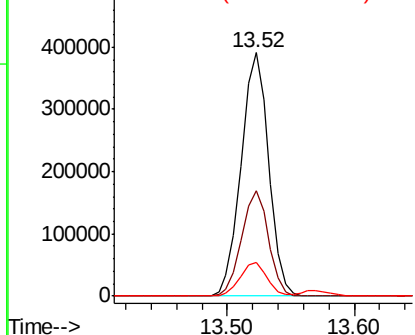


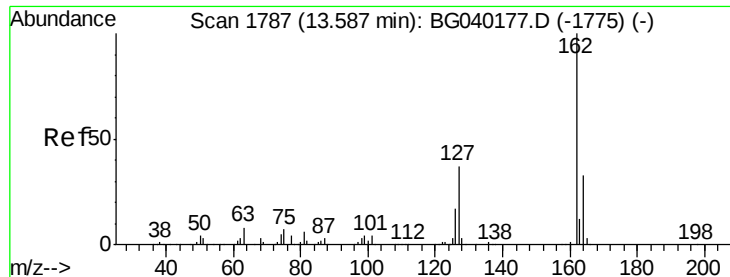
#46
1,1'-Biphenyl
Concen: 40.030 ng
RT: 13.52 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	22.5	62.5
76	14.0	0.0	33.7



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

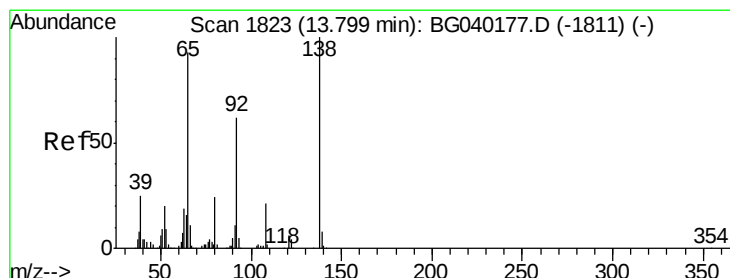
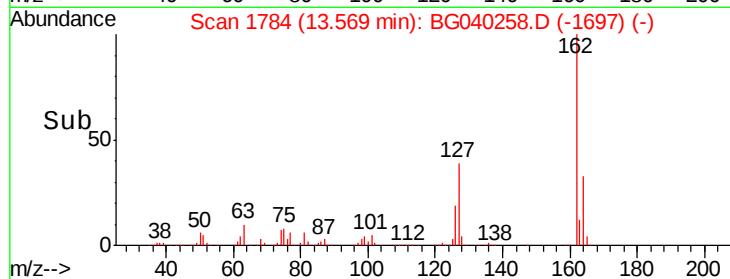
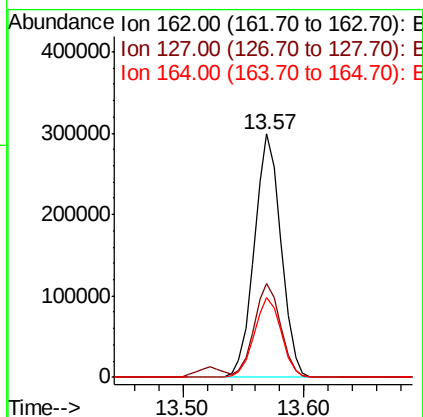
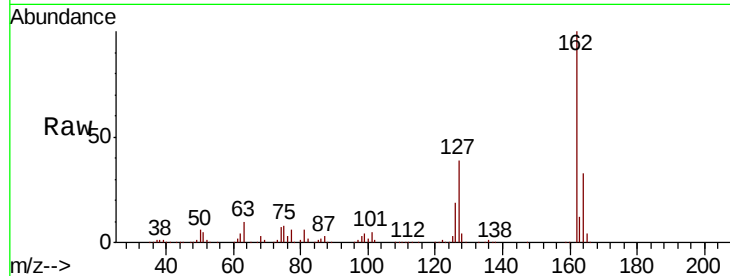




#47
2-Chloronaphthalene
Concen: 40.884 ng
RT: 13.57 min Scan# 1784
Delta R.T. -0.02 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

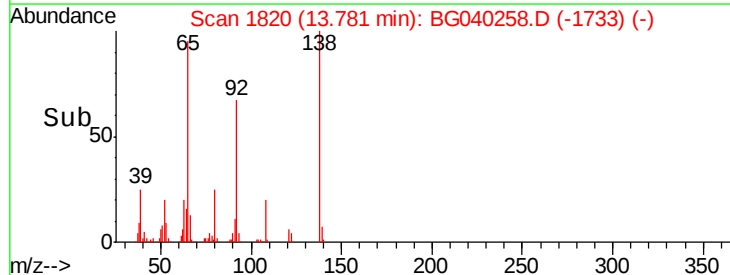
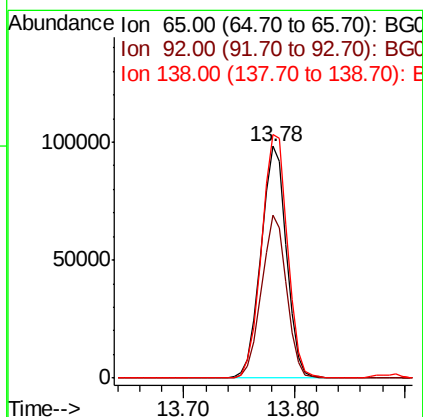
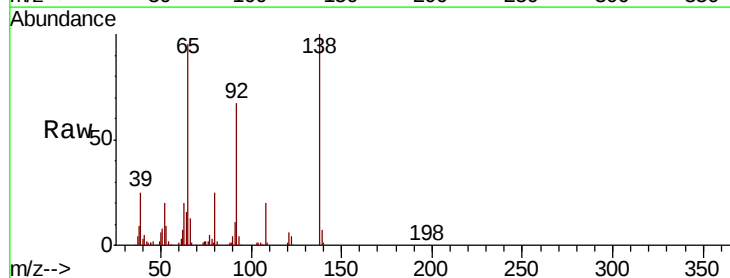
Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMS

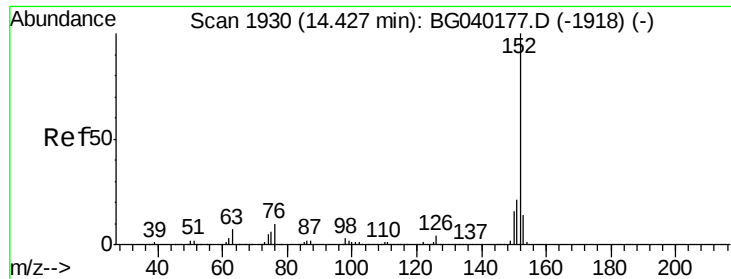
Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.5	30.6	45.8
164	32.8	26.2	39.4



#48
2-Nitroaniline
Concen: 41.950 ng
RT: 13.78 min Scan# 1820
Delta R.T. -0.02 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.3	53.8	80.6
138	105.0	86.3	129.5





#49

Acenaphthylene

Concen: 40.926 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-AMS

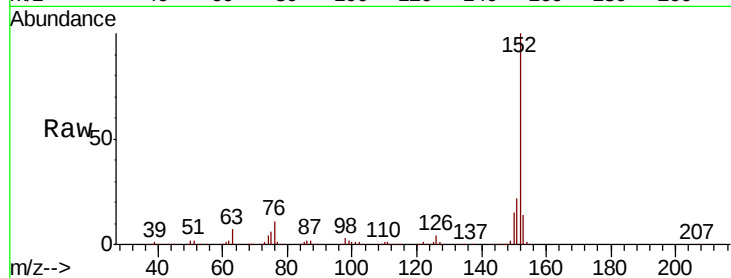
Tgt Ion:152 Resp: 781165

Ion Ratio Lower Upper

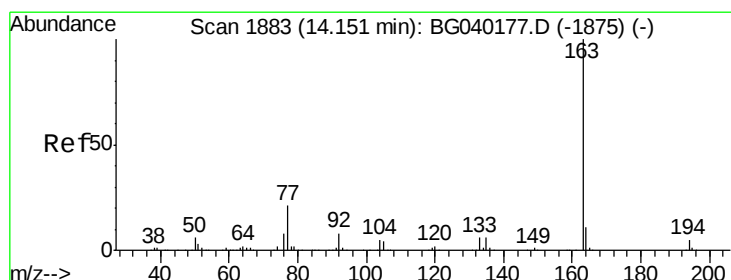
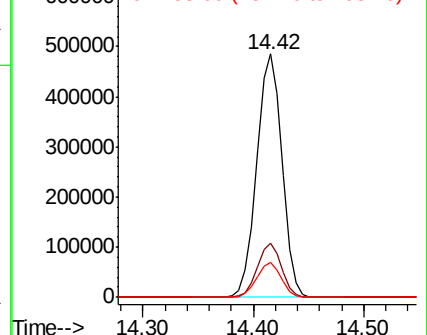
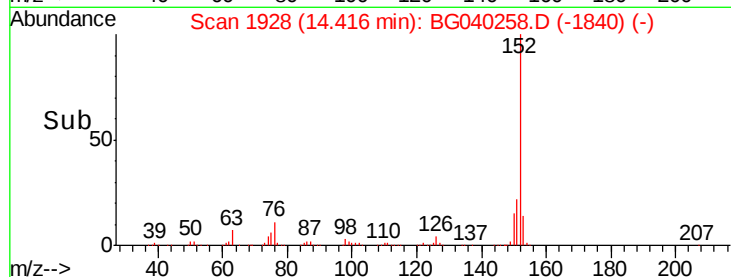
152 100

151 22.2 17.0 25.6

153 14.4 10.8 16.2



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: 43.183 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

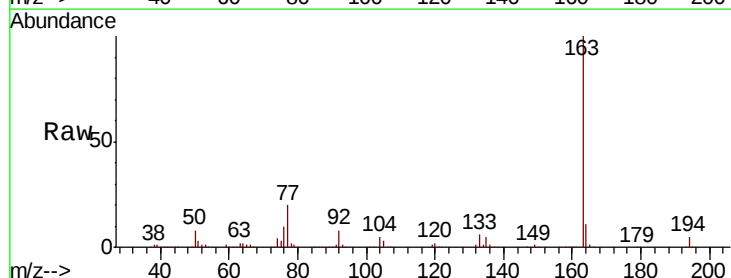
Tgt Ion:163 Resp: 627767

Ion Ratio Lower Upper

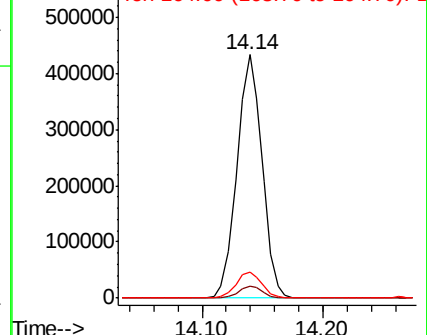
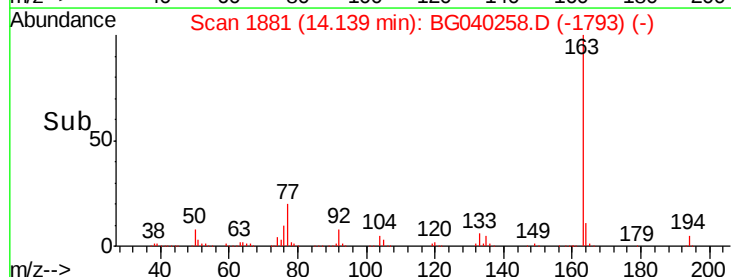
163 100

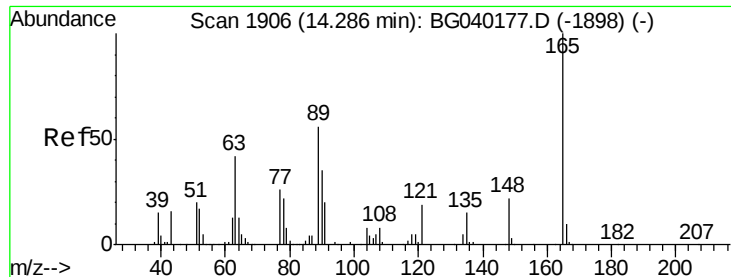
194 4.7 4.1 6.1

164 10.6 8.6 13.0



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: 43.417 ng

RT: 14.27 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

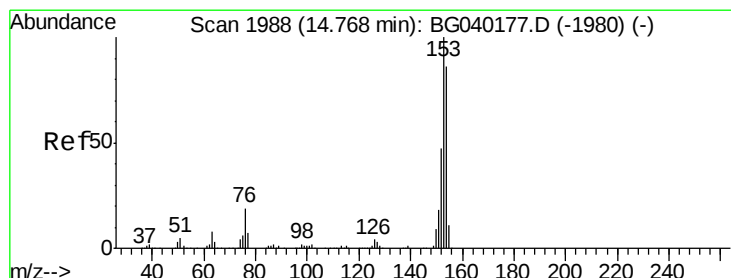
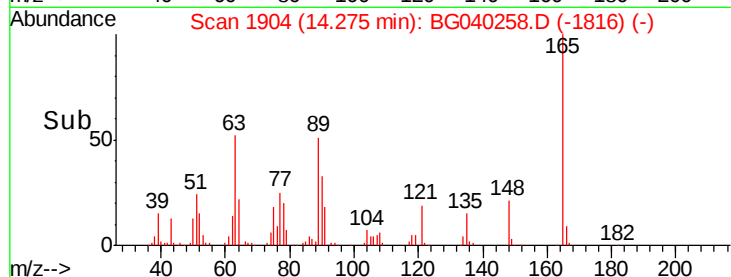
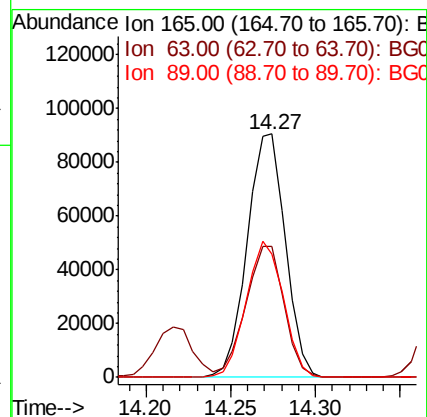
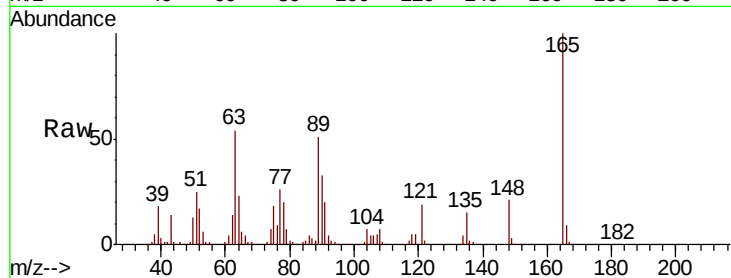
Instrument :

BNA_G

ClientSampleId :

SU-02-032719-AMS

Tgt Ion:	165	Resp:	141719
Ion	Ratio	Lower	Upper
165	100		
63	53.6	44.1	66.1
89	50.7	44.9	67.3



#52

Acenaphthene

Concen: 42.775 ng

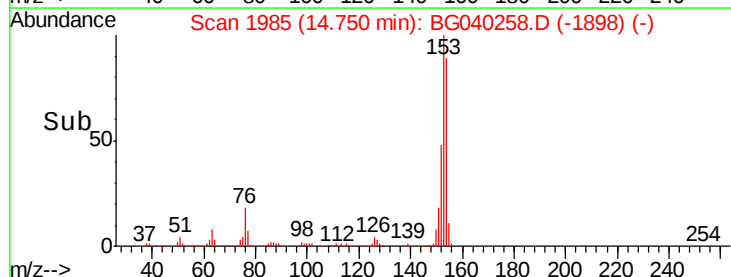
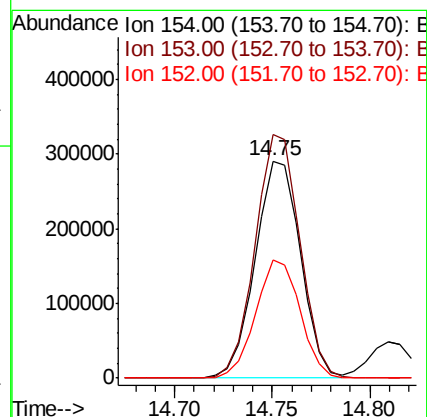
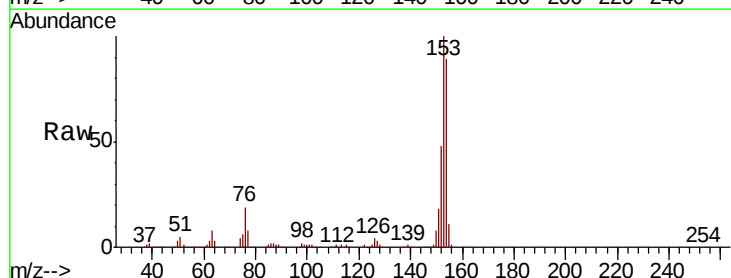
RT: 14.75 min Scan# 1985

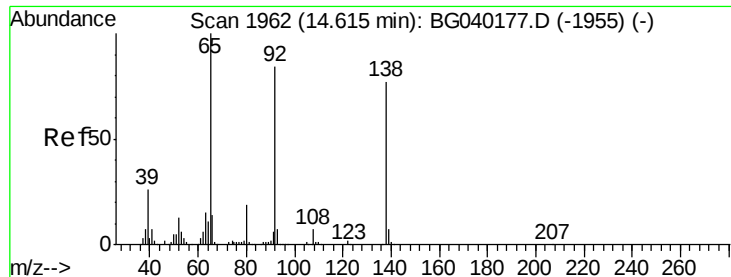
Delta R.T. -0.02 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Tgt Ion:	154	Resp:	467846
Ion	Ratio	Lower	Upper
154	100		
153	112.1	92.8	139.2
152	54.4	43.4	65.2

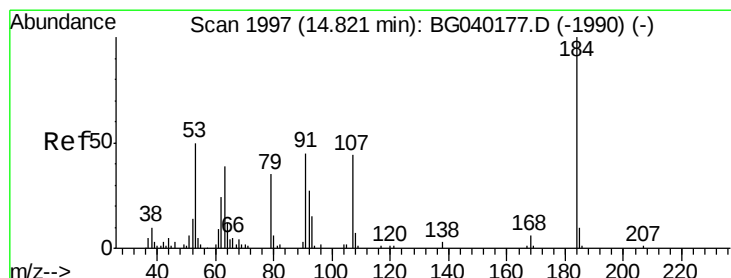
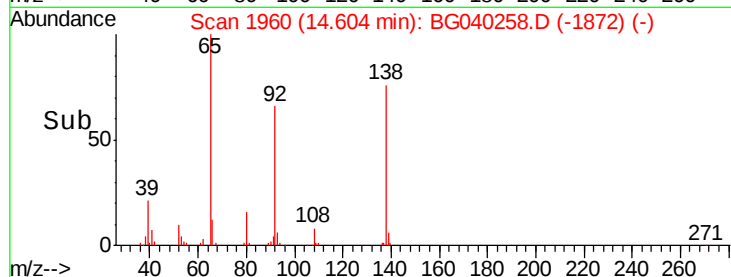
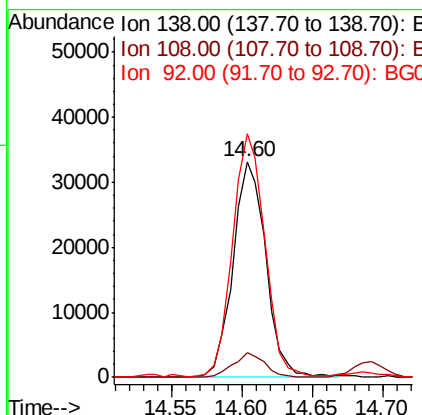
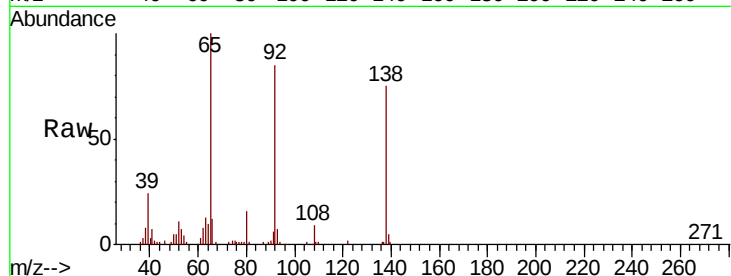




#53
3-Nitroaniline
Concen: 15.544 ng
RT: 14.60 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

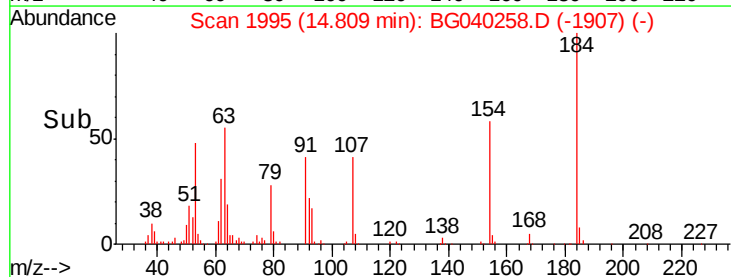
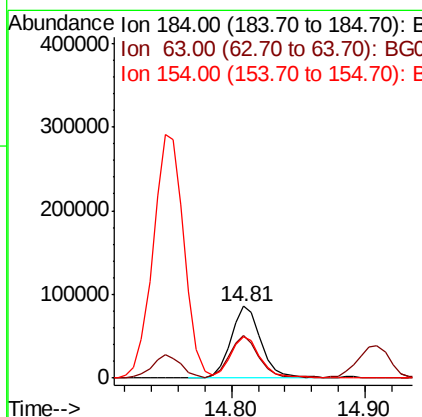
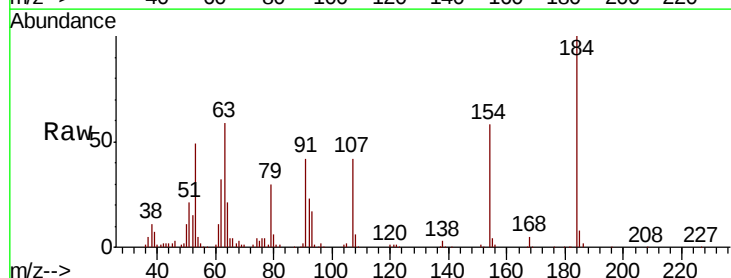
Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMS

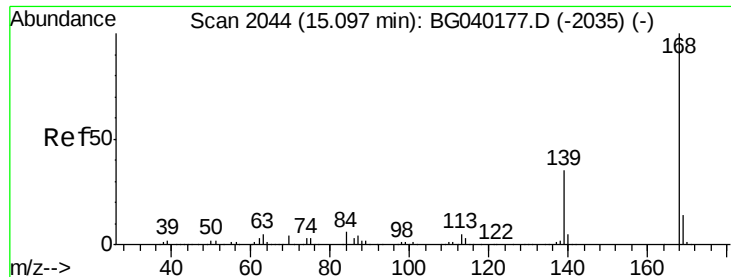
Tgt Ion:138 Resp: 53707
Ion Ratio Lower Upper
138 100
108 11.4 7.8 11.8
92 112.9 87.5 131.3



#54
2,4-Dinitrophenol
Concen: 78.549 ng
RT: 14.81 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Tgt Ion:184 Resp: 136357
Ion Ratio Lower Upper
184 100
63 59.0 51.8 77.8
154 57.5 50.9 76.3

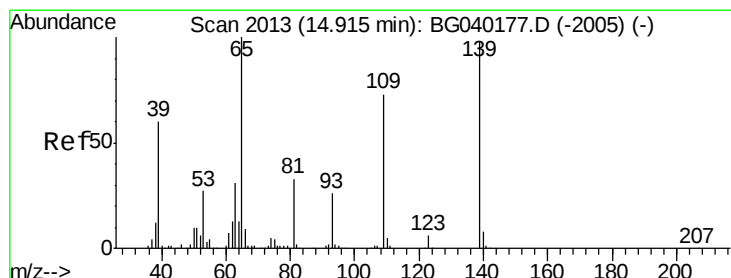
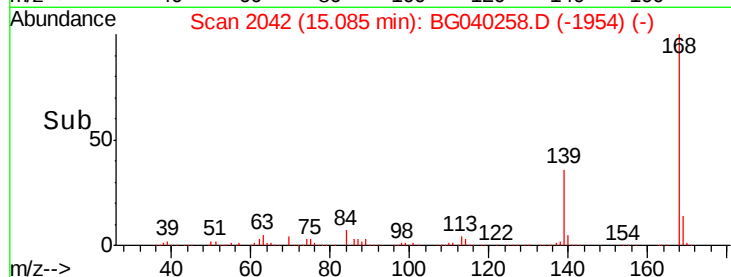
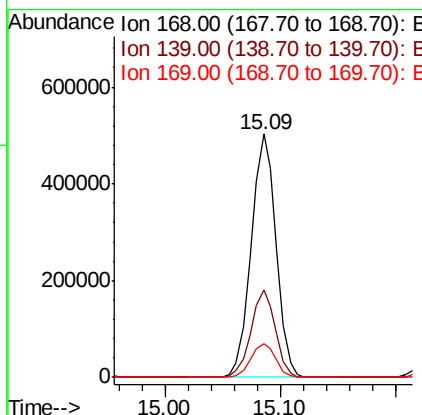
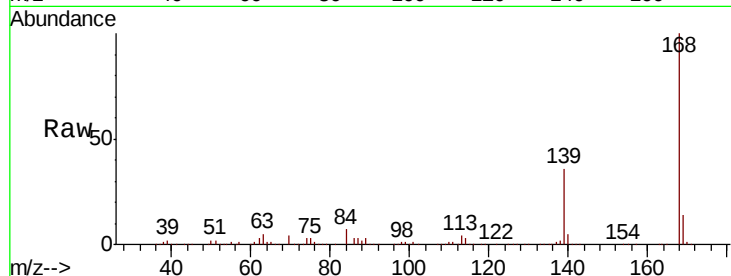




#55
Dibenzenofuran
Concen: 42.676 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

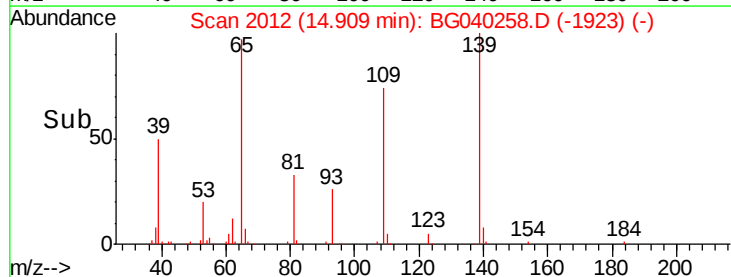
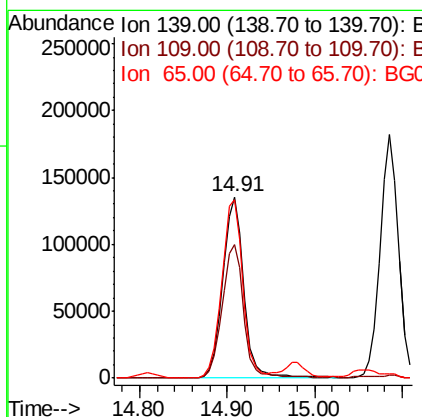
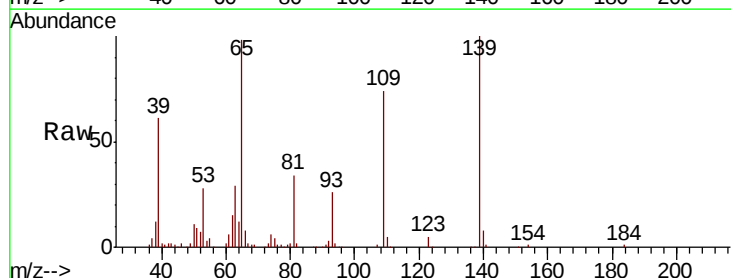
Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMS

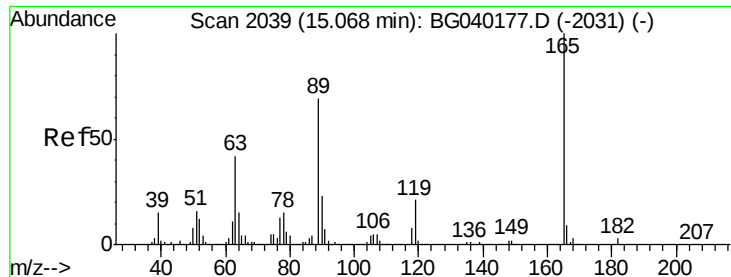
Tgt Ion:168 Resp: 750012
Ion Ratio Lower Upper
168 100
139 36.2 27.9 41.9
169 14.0 11.3 16.9



#56
4-Nitrophenol
Concen: 81.286 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Tgt Ion:139 Resp: 226676
Ion Ratio Lower Upper
139 100
109 73.9 54.3 94.3
65 98.5 82.5 122.5

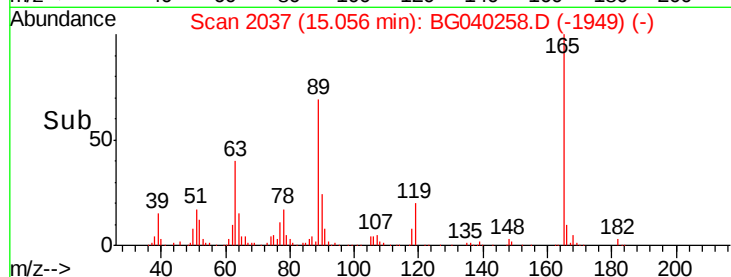
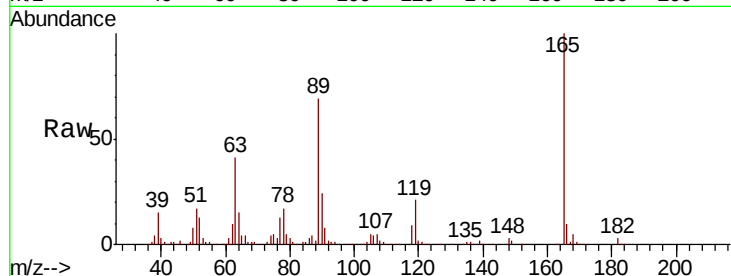




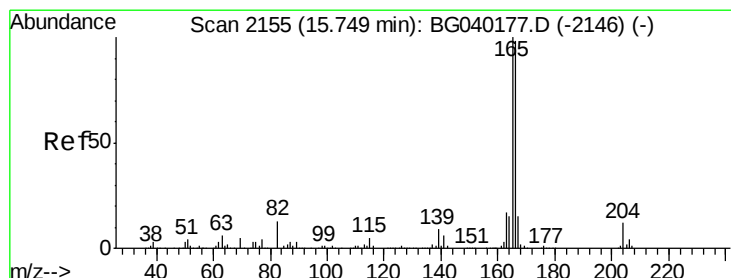
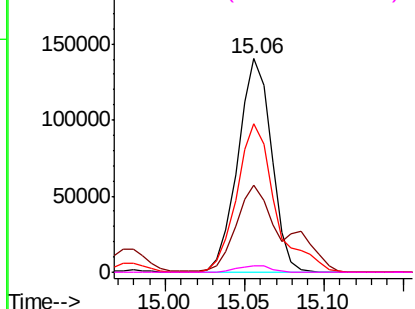
#57
2,4-Dinitrotoluene
Concen: 45.526 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMS

Tgt Ion:	165	Resp:	206485
Ion	Ratio	Lower	Upper
165	100		
63	40.6	33.8	50.6
89	69.4	55.4	83.2
182	2.9	2.2	3.4

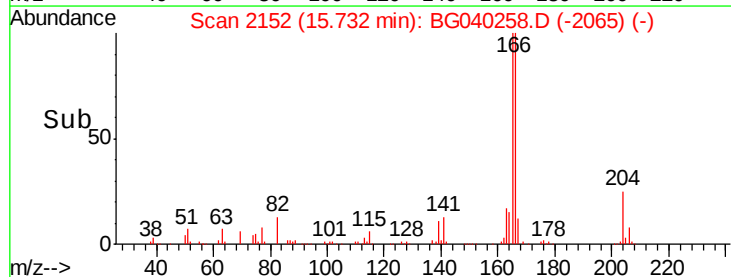
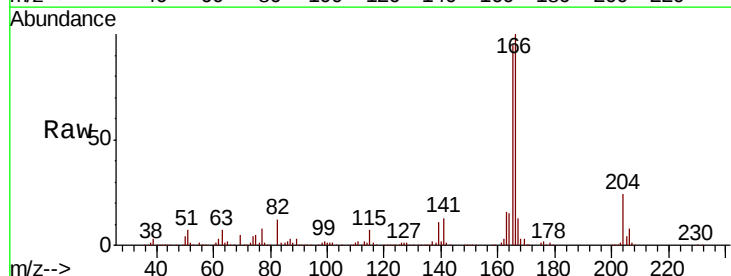


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

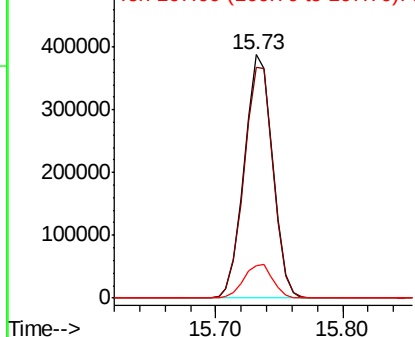


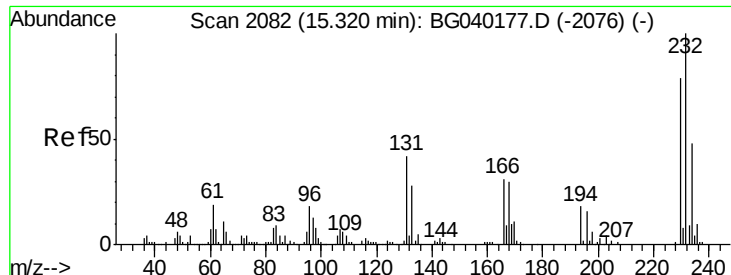
#58
Fluorene
Concen: 43.640 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.02 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Tgt Ion:	166	Resp:	602991
Ion	Ratio	Lower	Upper
166	100		
165	94.6	81.7	122.5
167	13.4	11.9	17.9



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

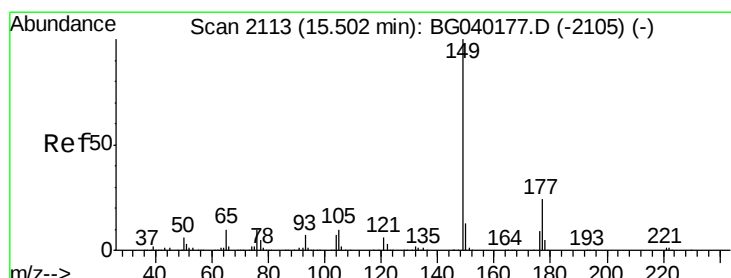
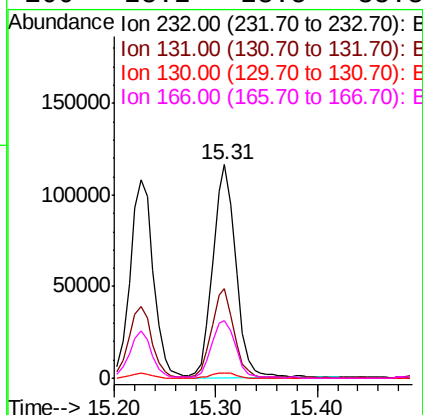
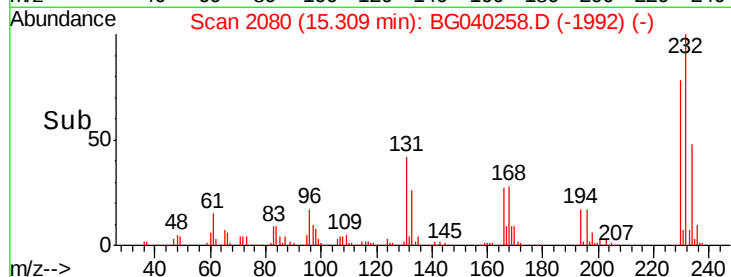
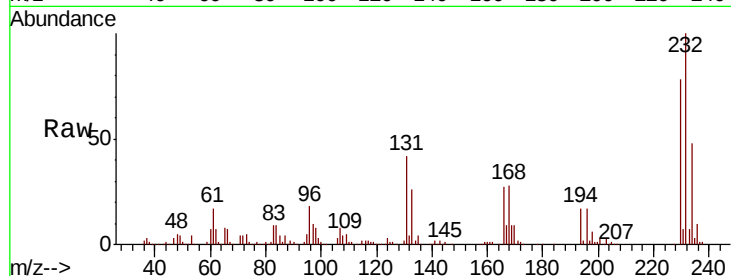




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.495 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG040258.D
 Acq: 30 Mar 2019 12:35

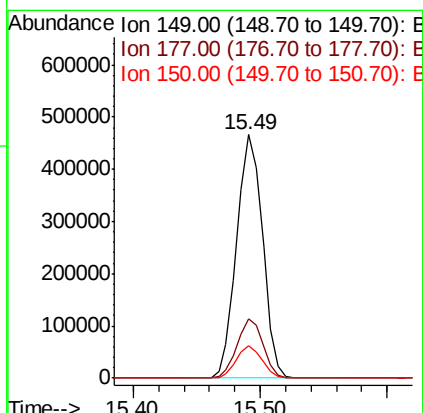
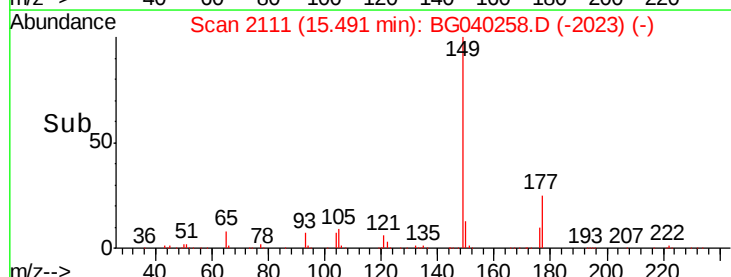
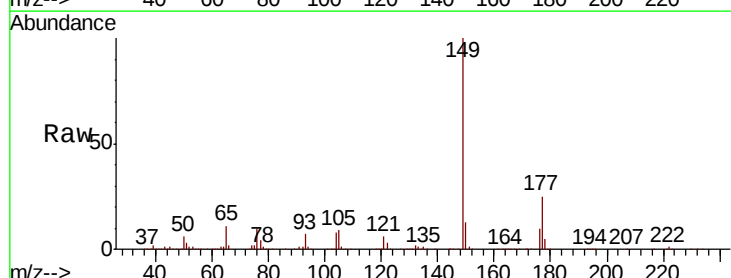
Instrument :
 BNA_G
 ClientSampleId :
 SU-02-032719-AMS

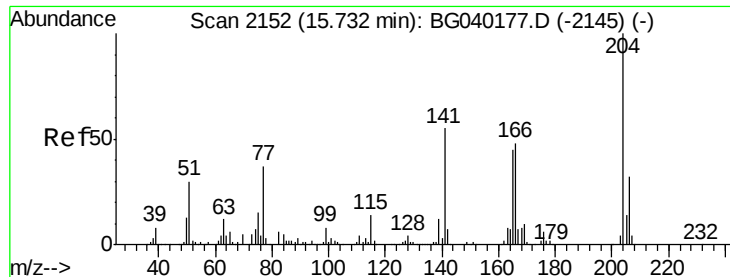
Tgt Ion:	232	Resp:	182573
Ion	Ratio	Lower	Upper
232	100		
131	40.4	32.9	49.3
130	2.7	1.8	2.8
166	28.2	23.5	35.3



#60
 Diethylphthalate
 Concen: 44.347 ng
 RT: 15.49 min Scan# 2111
 Delta R.T. -0.01 min
 Lab File: BG040258.D
 Acq: 30 Mar 2019 12:35

Tgt Ion:	149	Resp:	659706
Ion	Ratio	Lower	Upper
149	100		
177	24.6	19.1	28.7
150	13.1	10.6	15.8

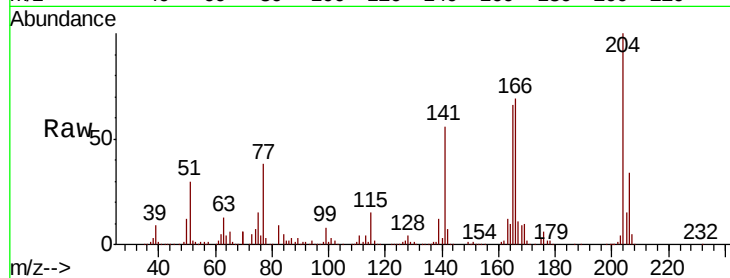




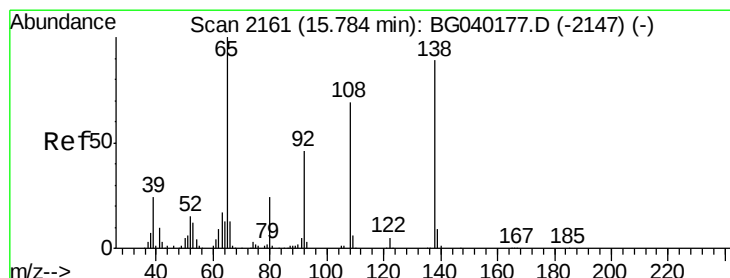
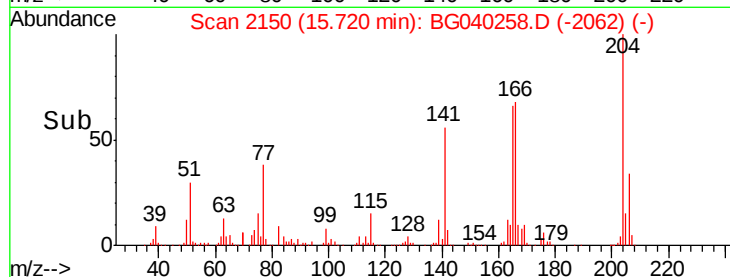
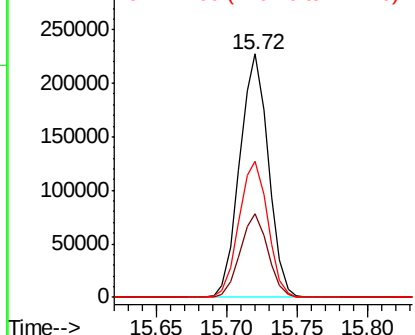
#61
 4-Chlorophenyl-phenylether
 Concen: 43.456 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BG040258.D
 Acq: 30 Mar 2019 12:35

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-032719-AMS

Tgt Ion: 204 Resp: 320958
 Ion Ratio Lower Upper
 204 100
 206 34.5 25.7 38.5
 141 55.9 44.0 66.0

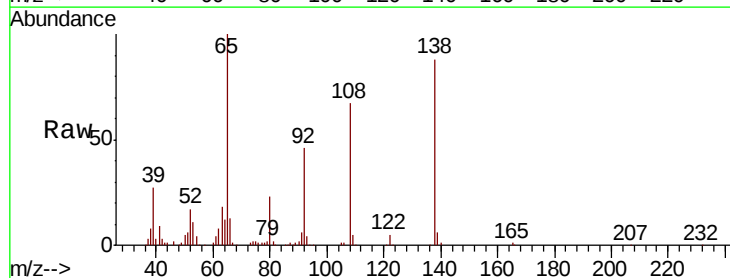


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

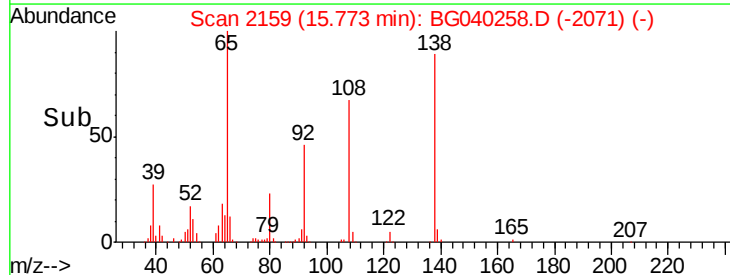
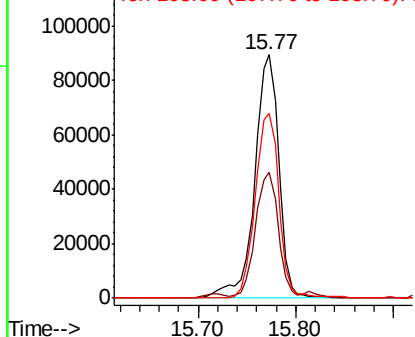


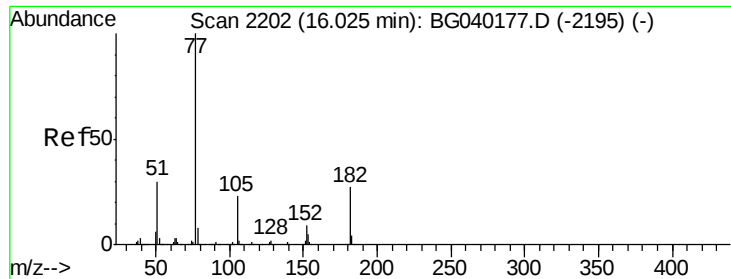
#62
 4-Nitroaniline
 Concen: 42.015 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG040258.D
 Acq: 30 Mar 2019 12:35

Tgt Ion: 138 Resp: 155791
 Ion Ratio Lower Upper
 138 100
 92 51.7 31.8 71.8
 108 75.8 57.2 97.2



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

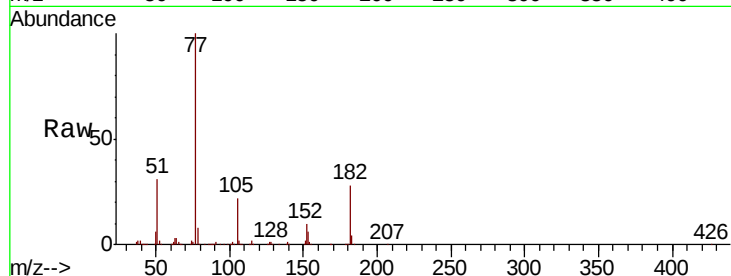




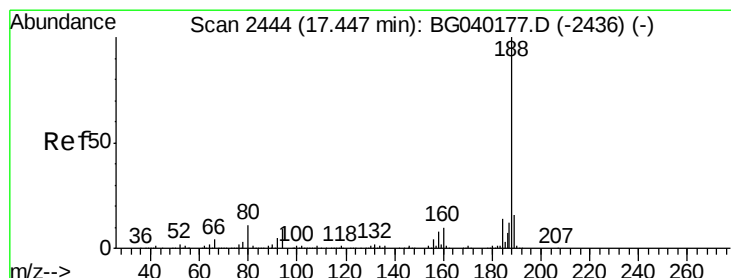
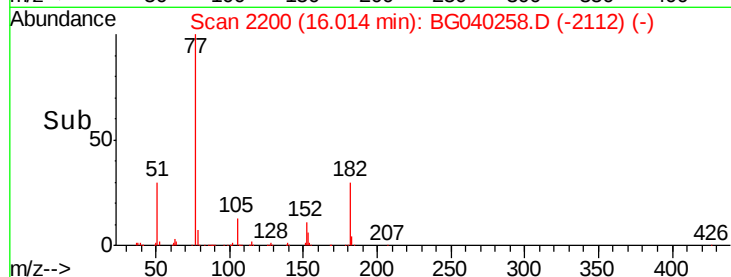
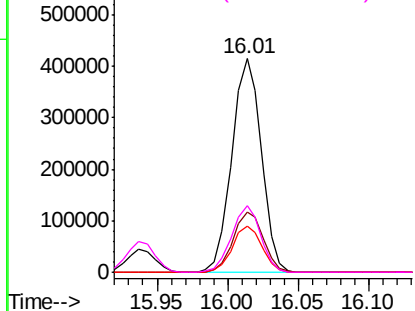
#63
Azobenzene
Concen: 42.976 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMS

Tgt Ion:	77	Resp:	603037
Ion	Ratio	Lower	Upper
77	100		
182	28.4	7.2	47.2
105	21.8	2.8	42.8
51	31.4	10.4	50.4

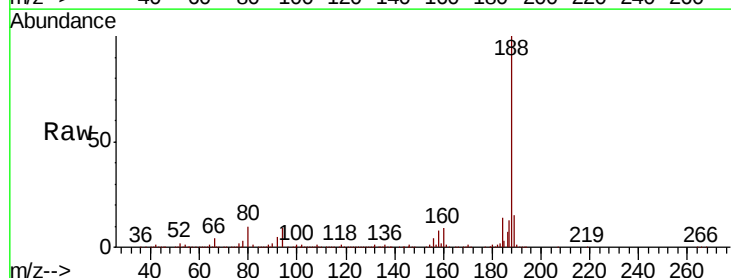


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

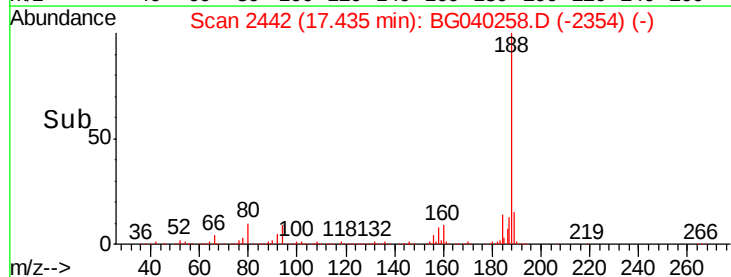
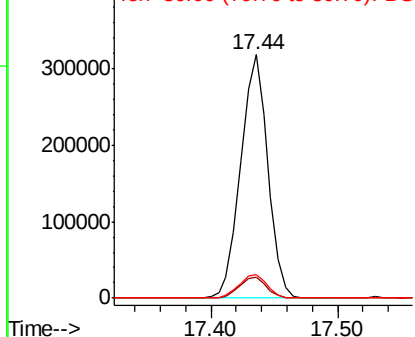


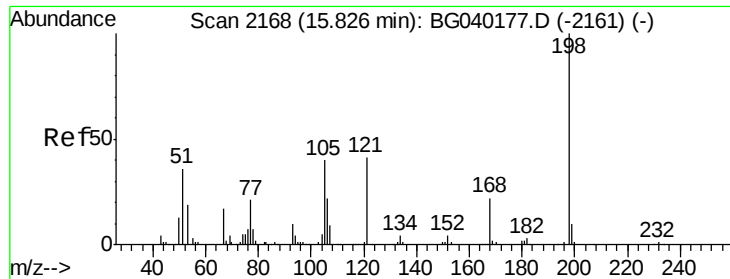
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Tgt Ion:	188	Resp:	470905
Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.0	10.4
80	9.6	8.6	13.0



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

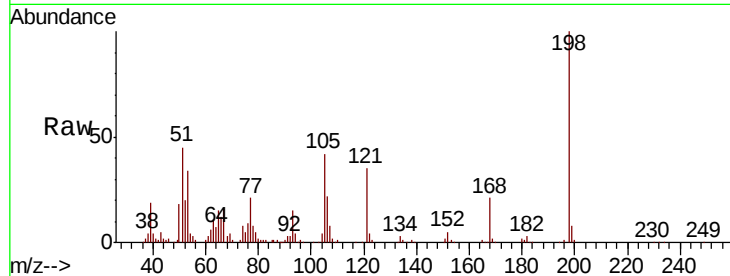




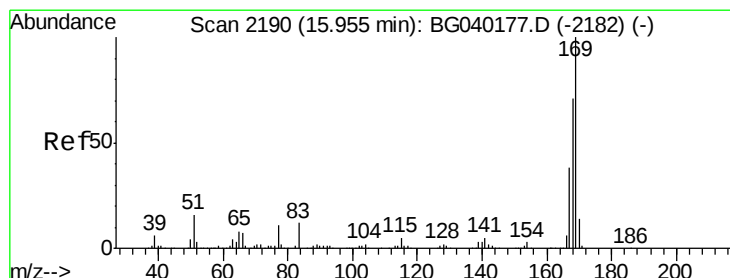
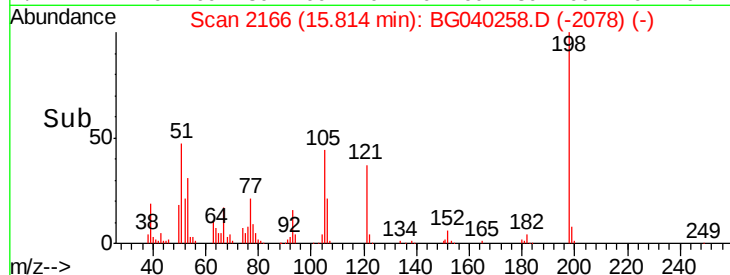
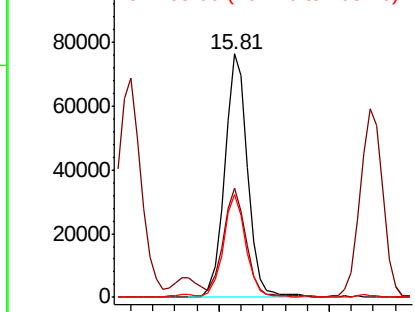
#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.868 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BG040258.D
 Acq: 30 Mar 2019 12:35

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-032719-AMS

Tgt Ion:198 Resp: 110766
 Ion Ratio Lower Upper
 198 100
 51 44.8 27.3 67.3
 105 42.3 21.7 61.7

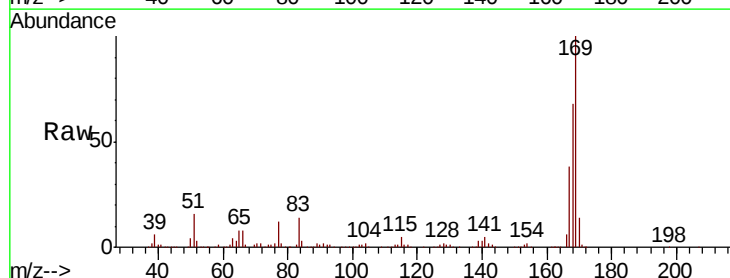


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

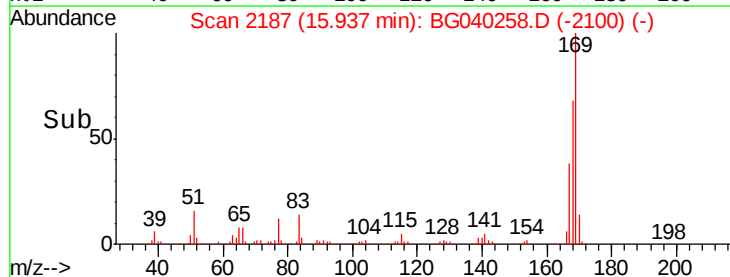
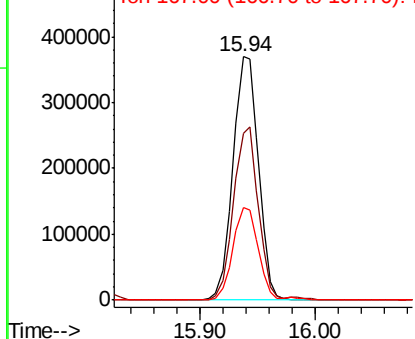


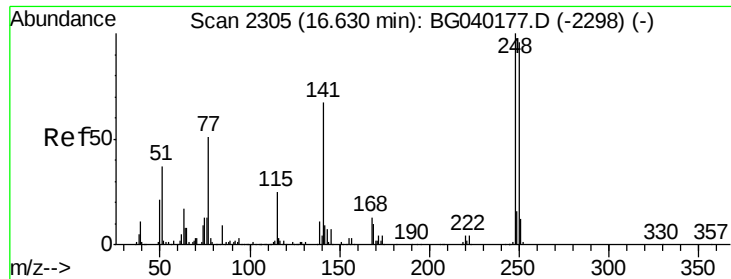
#66
 n-Nitrosodiphenylamine
 Concen: 40.849 ng
 RT: 15.94 min Scan# 2187
 Delta R.T. -0.02 min
 Lab File: BG040258.D
 Acq: 30 Mar 2019 12:35

Tgt Ion:169 Resp: 562894
 Ion Ratio Lower Upper
 169 100
 168 68.3 56.8 85.2
 167 37.9 30.2 45.4



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

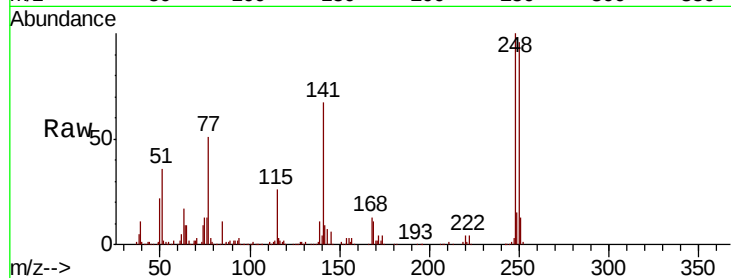




#67
4-Bromophenyl-phenylether
Concen: 41.477 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.02 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.7	76.4	114.6
141	67.5	53.8	80.8

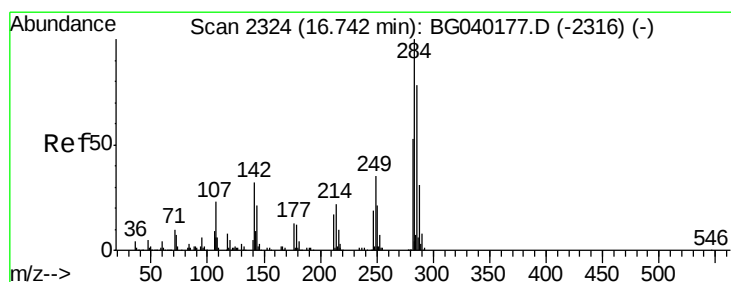
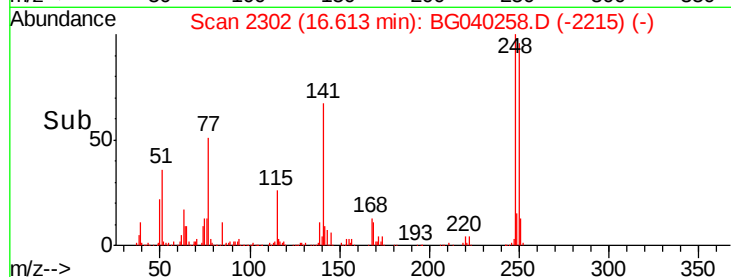
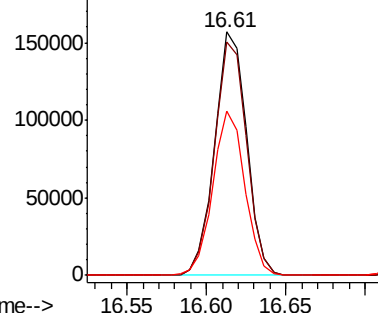


Abundance

Ion 248.00 (247.70 to 248.70): E

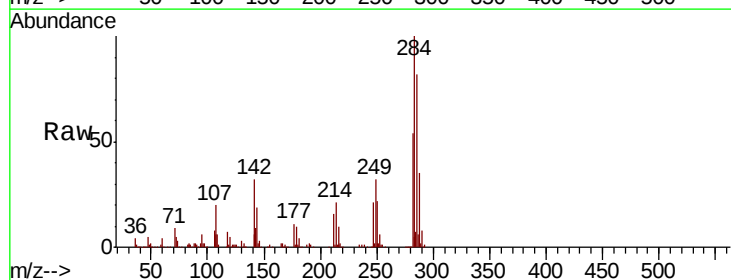
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.673 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.0	25.3	37.9
249	32.1	28.2	42.2

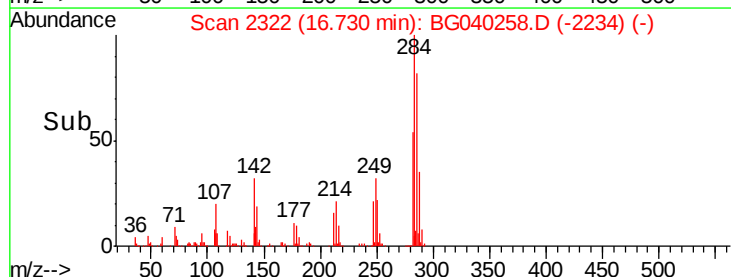
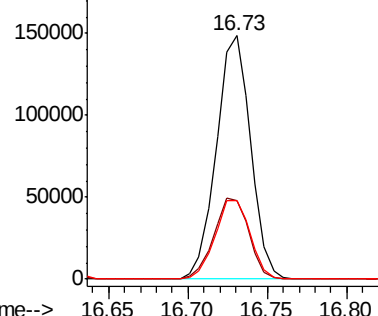


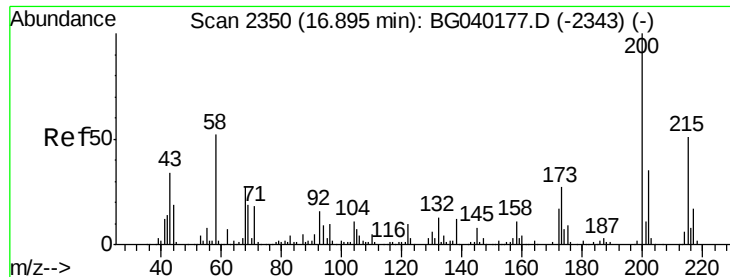
Abundance

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: 41.466 ng

RT: 16.88 min Scan# 2348

Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-AMS

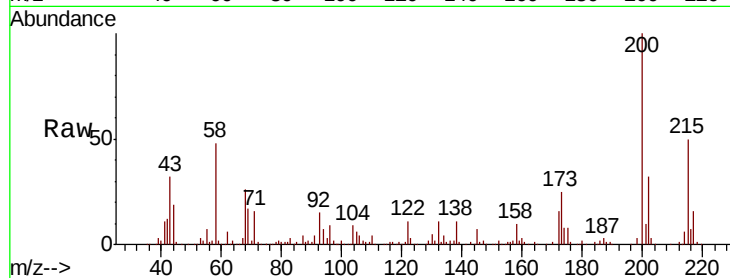
Tgt Ion:200 Resp: 212555

Ion Ratio Lower Upper

200 100

173 24.8 7.1 47.1

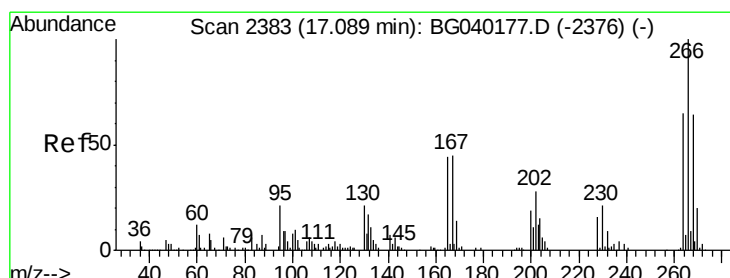
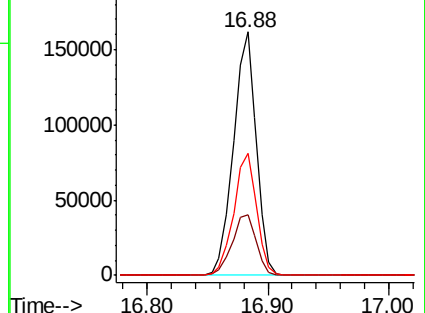
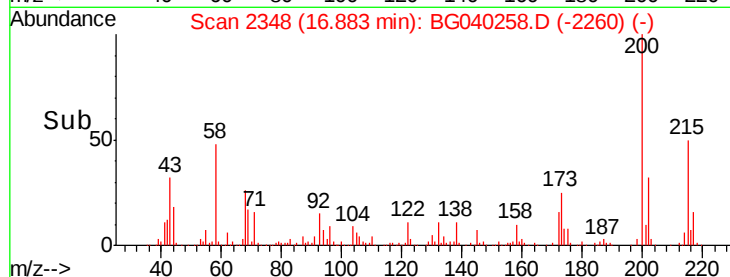
215 49.9 30.9 70.9



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: 79.783 ng

RT: 17.08 min Scan# 2381

Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

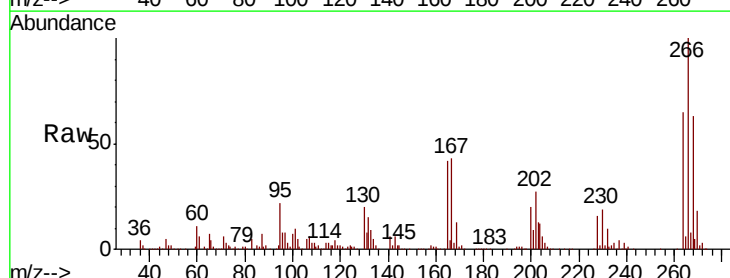
Tgt Ion:266 Resp: 245769

Ion Ratio Lower Upper

266 100

268 63.0 55.0 82.4

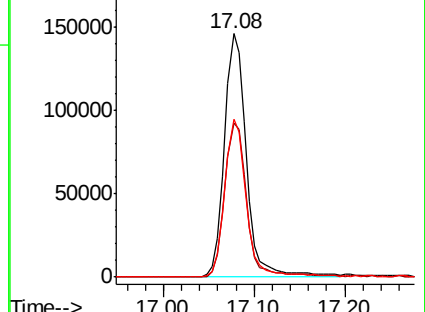
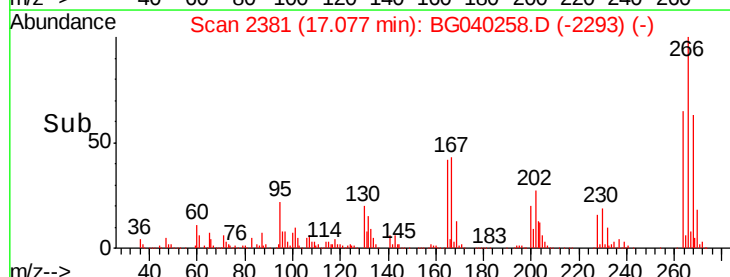
264 64.7 51.8 77.8

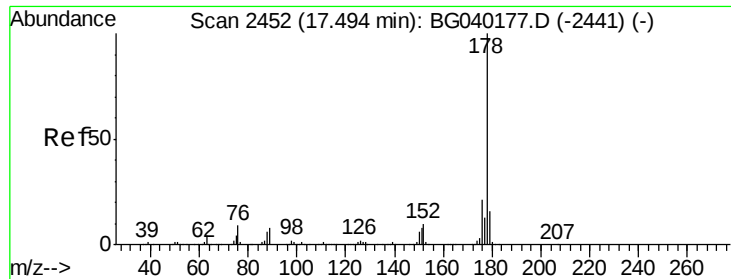


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.724 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.02 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-AMS

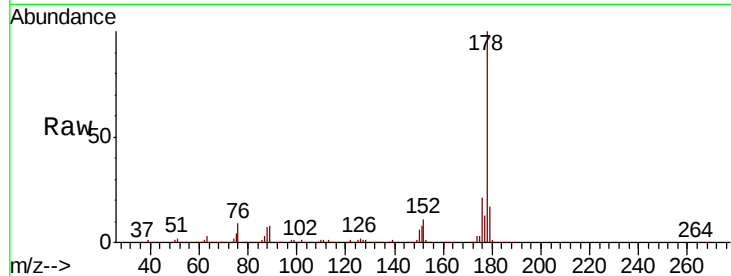
Tgt Ion:178 Resp: 1032748

Ion Ratio Lower Upper

178 100

176 21.1 16.7 25.1

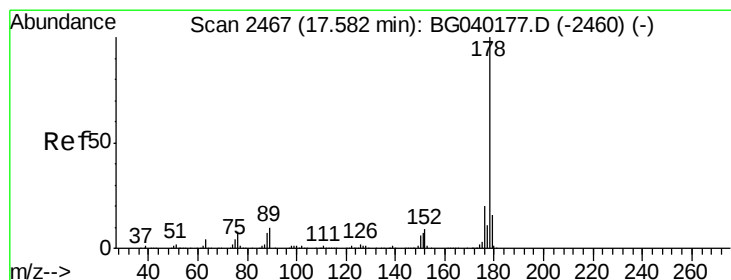
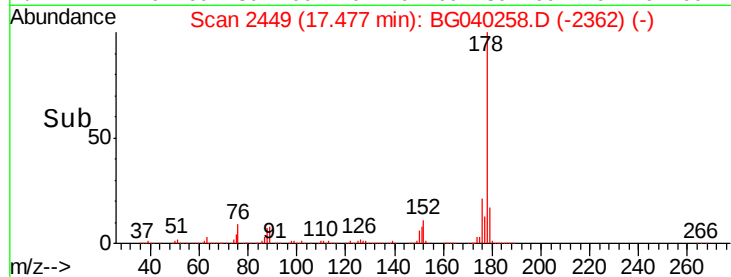
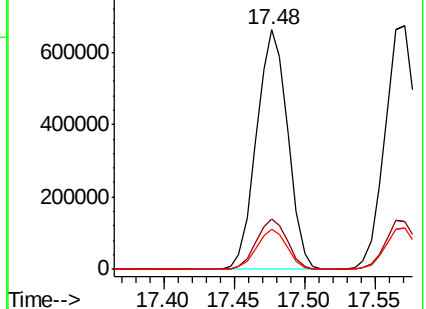
179 16.6 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.597 ng

RT: 17.57 min Scan# 2465

Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

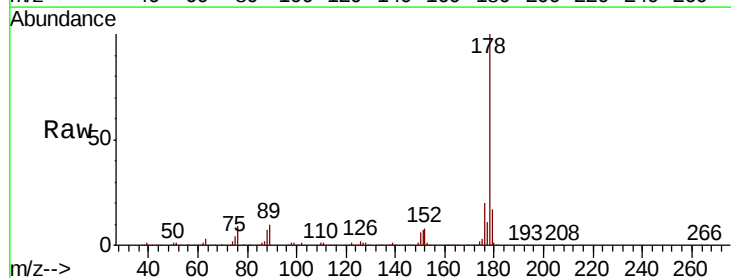
Tgt Ion:178 Resp: 1055309

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

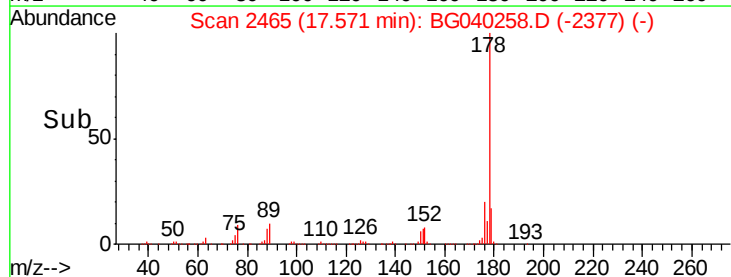
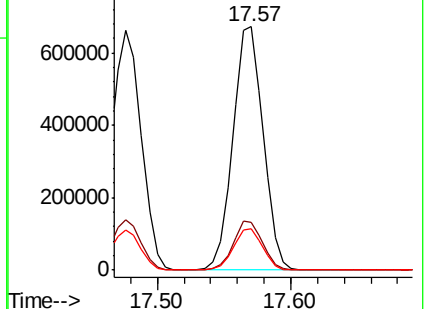
179 16.9 12.9 19.3

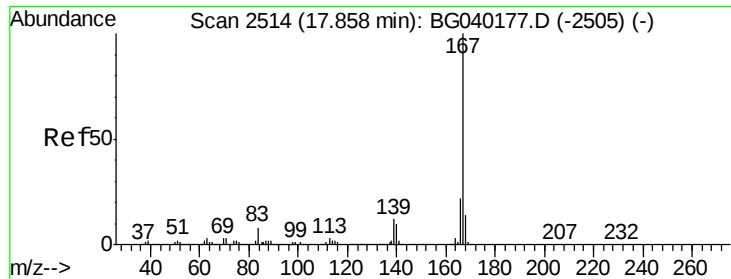


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 42.082 ng

RT: 17.84 min Scan# 2511

Delta R.T. -0.02 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-AMS

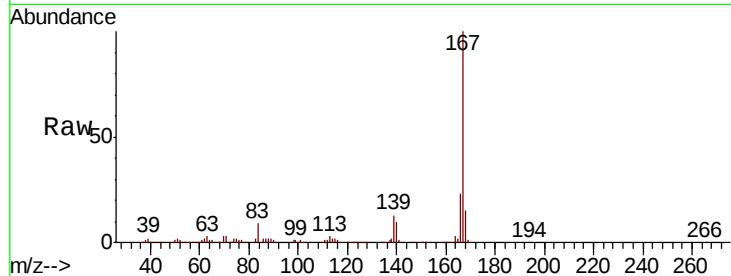
Tgt Ion:167 Resp: 986666

Ion Ratio Lower Upper

167 100

166 22.8 17.5 26.3

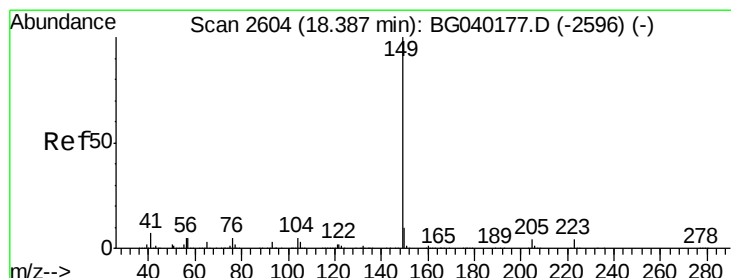
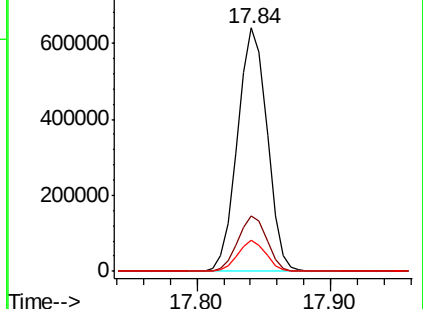
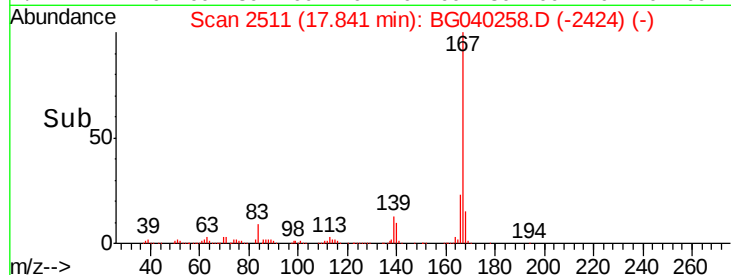
139 12.7 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.523 ng

RT: 18.38 min Scan# 2602

Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

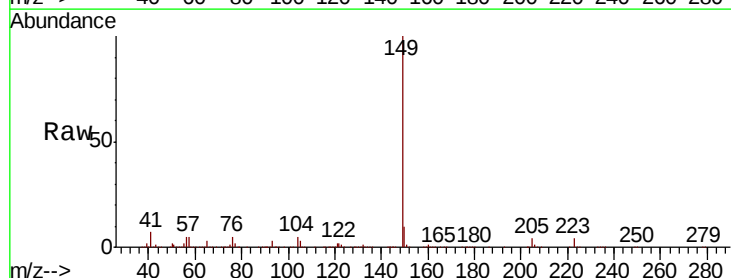
Tgt Ion:149 Resp: 1154017

Ion Ratio Lower Upper

149 100

150 10.0 7.9 11.9

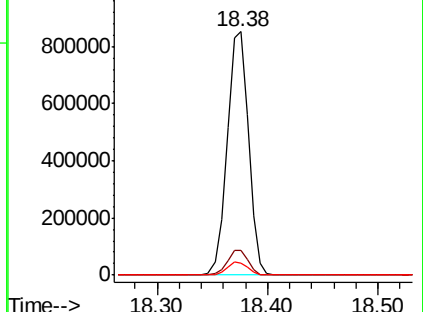
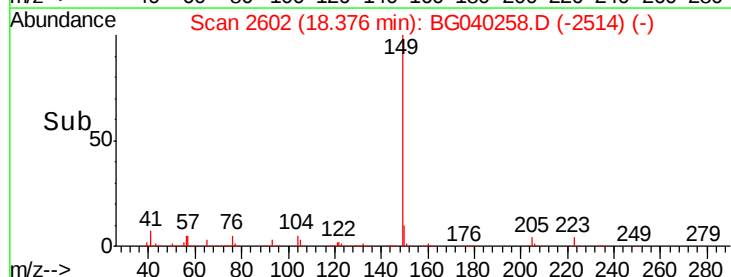
104 5.1 4.1 6.1

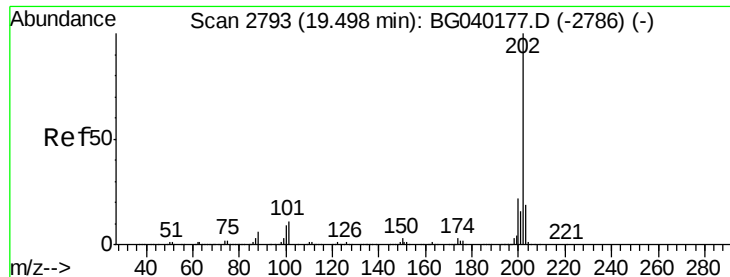


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.296 ng

RT: 19.49 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-AMS

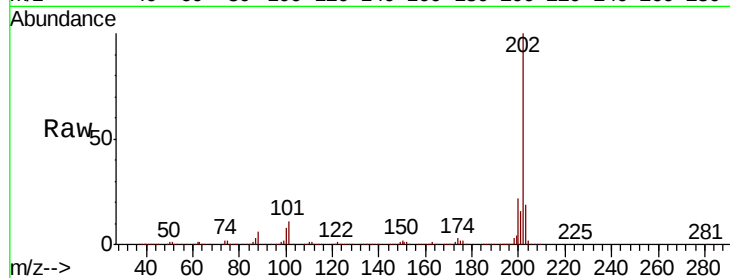
Tgt Ion:202 Resp: 1239659

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.8

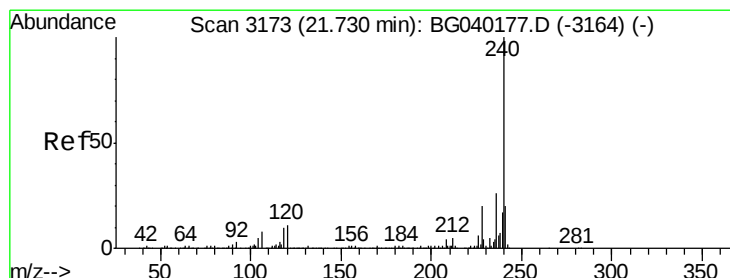
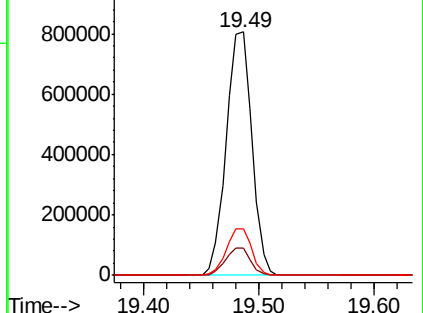
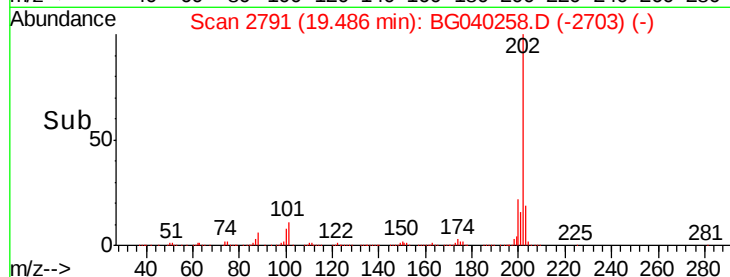
203 18.9 0.0 38.9



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: 21.72 min Scan# 3172

Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

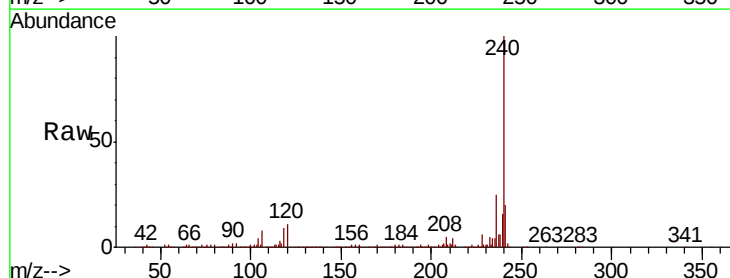
Tgt Ion:240 Resp: 468199

Ion Ratio Lower Upper

240 100

120 10.6 8.4 12.6

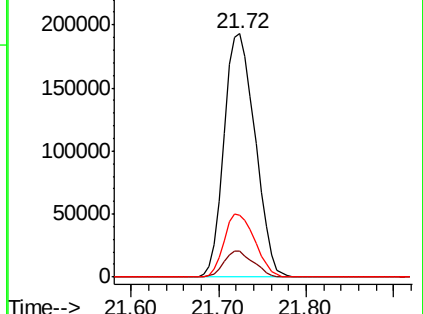
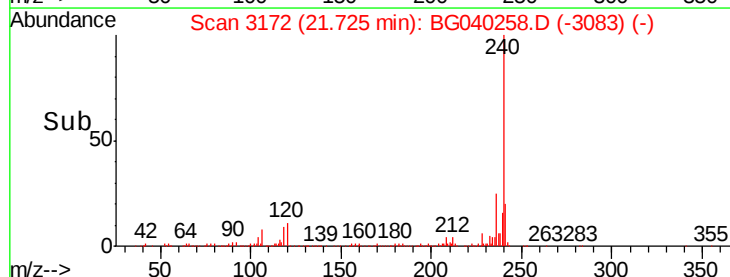
236 25.5 20.8 31.2

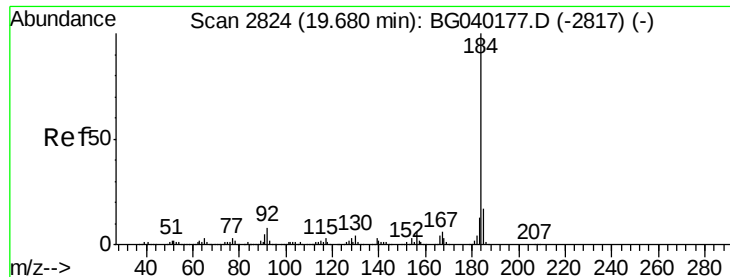


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 5.760 ng

RT: 19.67 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-AMS

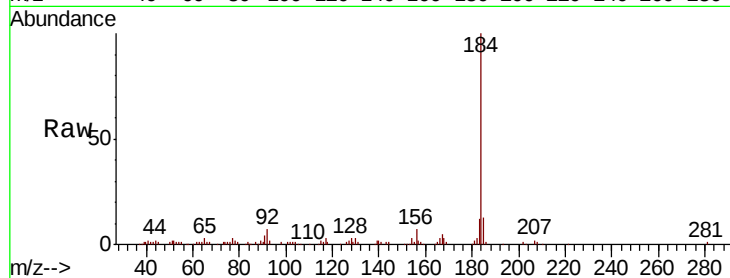
Tgt Ion:184 Resp: 97379

Ion Ratio Lower Upper

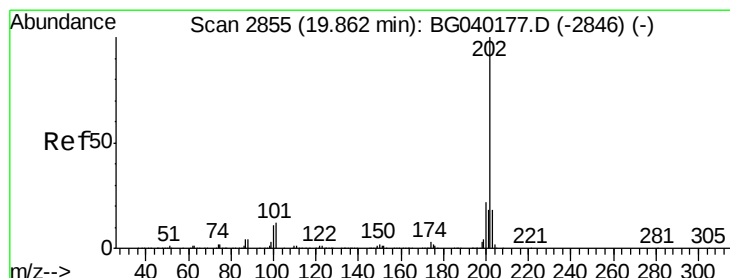
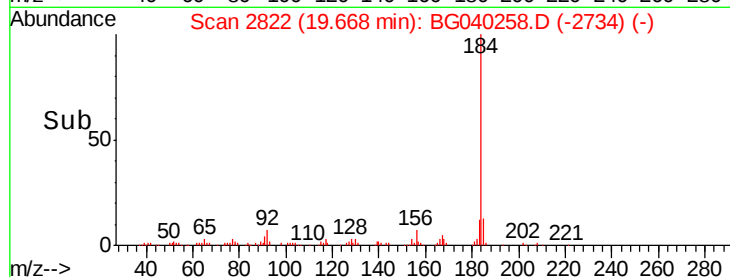
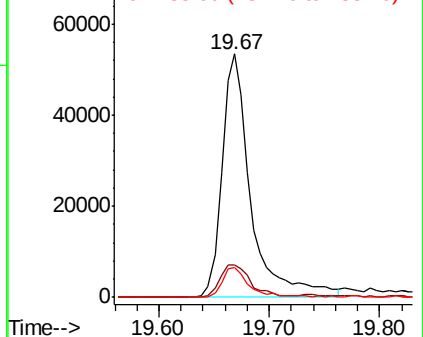
184 100

185 13.3 13.3 19.9

183 12.3 10.3 15.5



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: 40.620 ng

RT: 19.84 min Scan# 2852

Delta R.T. -0.02 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

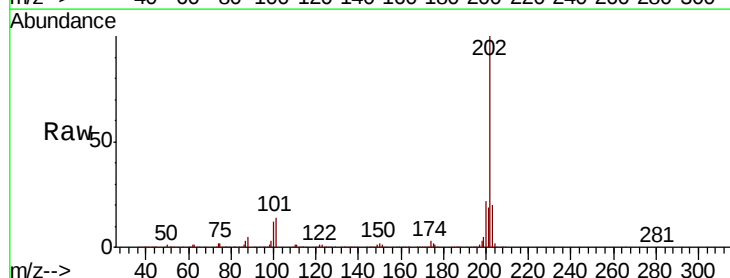
Tgt Ion:202 Resp: 1250659

Ion Ratio Lower Upper

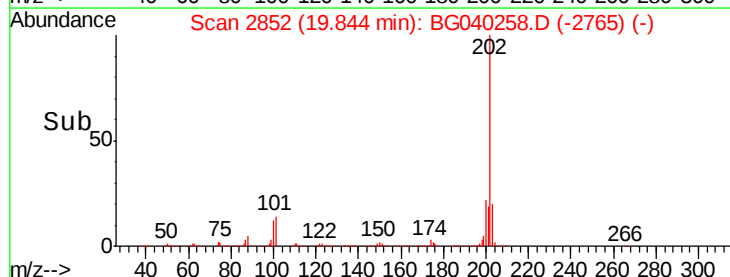
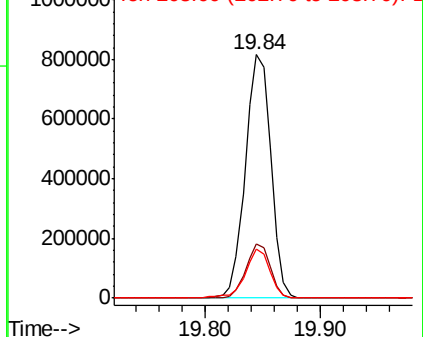
202 100

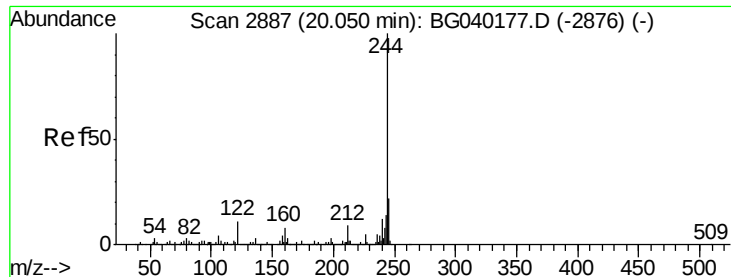
200 22.0 17.3 25.9

203 20.1 14.6 22.0



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: 79.452 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-AMS

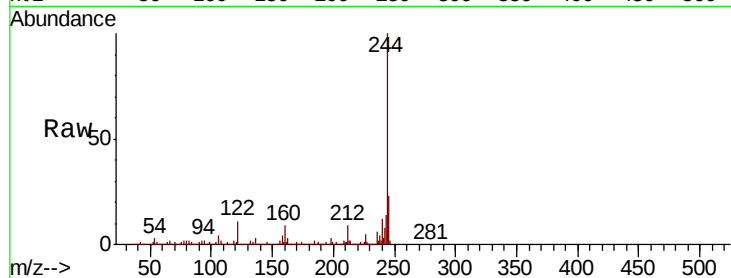
Tgt Ion:244 Resp: 1653560

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

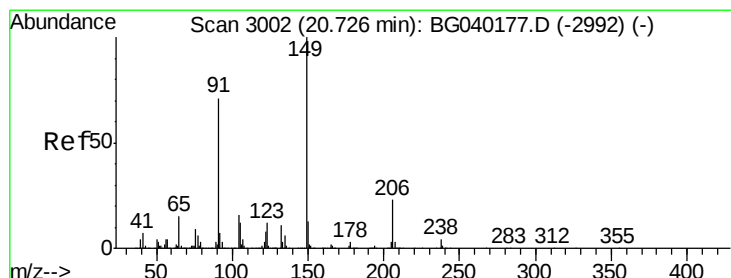
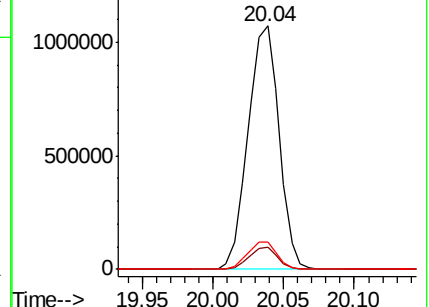
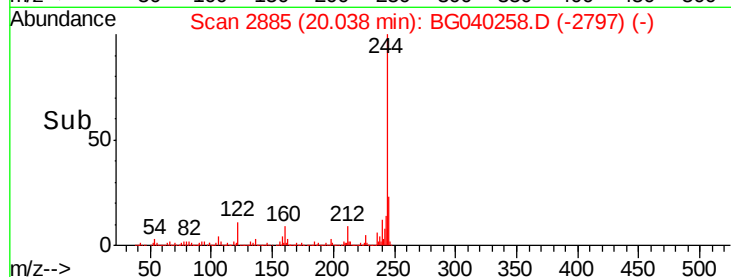
122 11.0 8.5 12.7



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: 40.759 ng

RT: 20.71 min Scan# 3000

Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

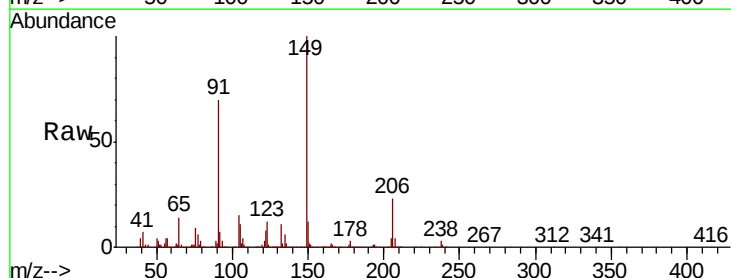
Tgt Ion:149 Resp: 537012

Ion Ratio Lower Upper

149 100

91 69.8 57.0 85.4

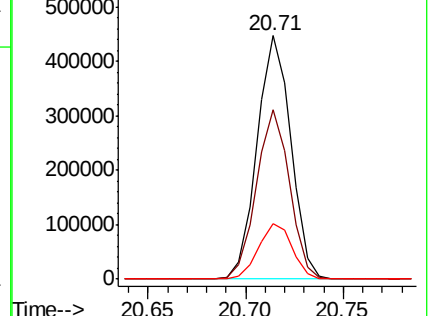
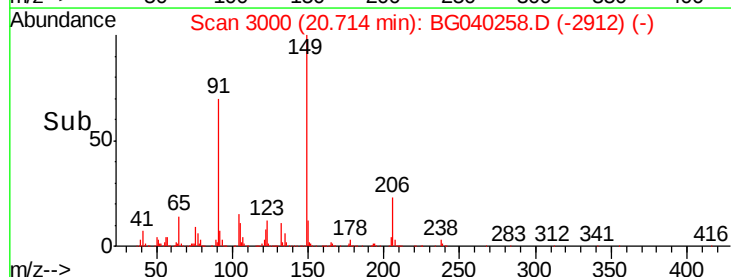
206 22.7 18.2 27.4

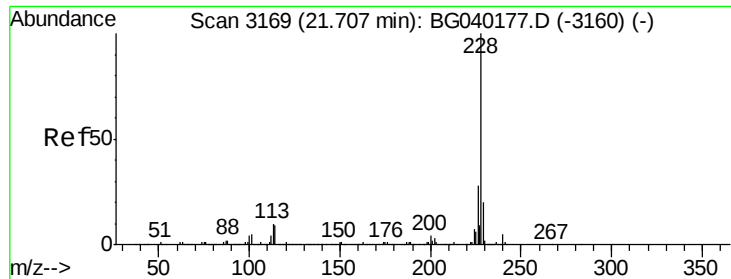


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.638 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.02 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-AMS

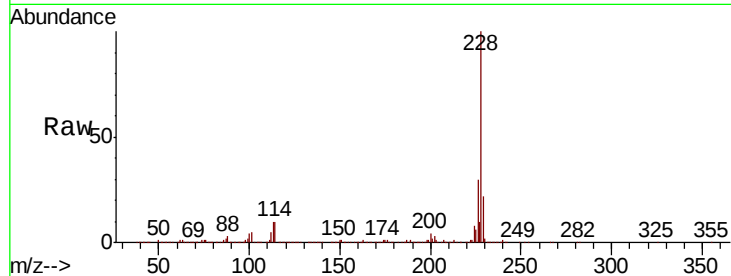
Tgt Ion:228 Resp: 1143088

Ion Ratio Lower Upper

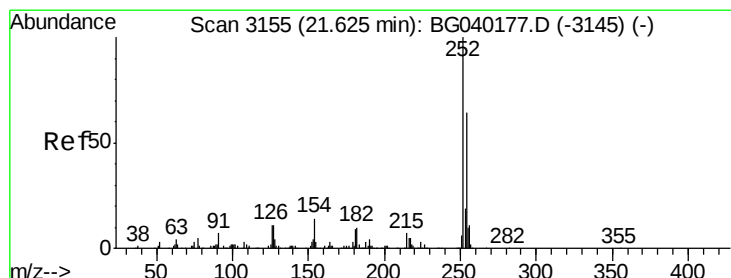
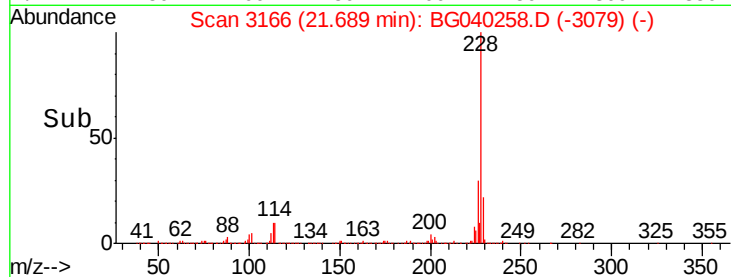
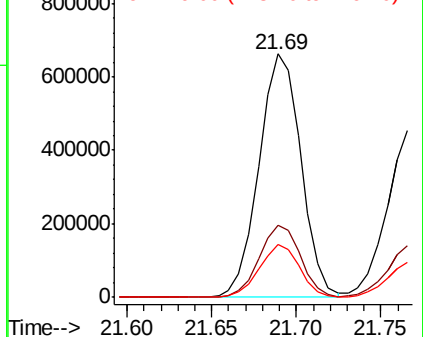
228 100

226 29.5 22.6 34.0

229 21.9 16.1 24.1



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



#82

3,3'-Dichlorobenzidine

Concen: 18.239 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.02 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

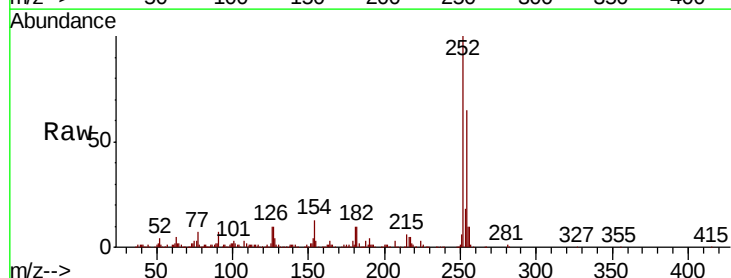
Tgt Ion:252 Resp: 200091

Ion Ratio Lower Upper

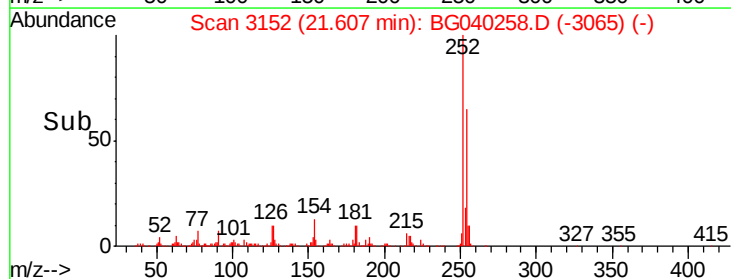
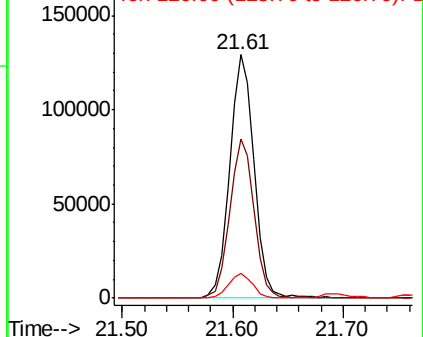
252 100

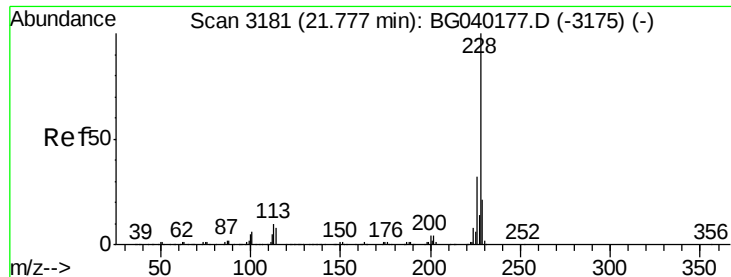
254 65.3 51.4 77.2

126 10.1 8.5 12.7



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





#83

Chrysene

Concen: 41.760 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-AMS

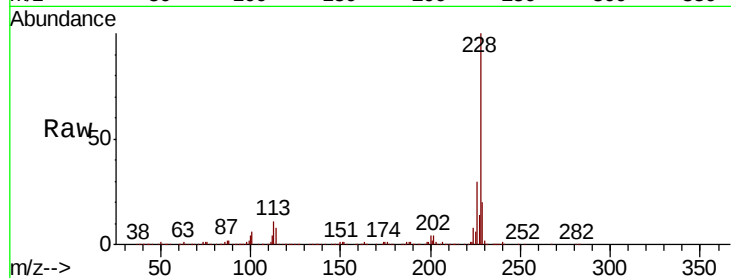
Tgt Ion:228 Resp: 1157397

Ion Ratio Lower Upper

228 100

226 30.4 25.4 38.0

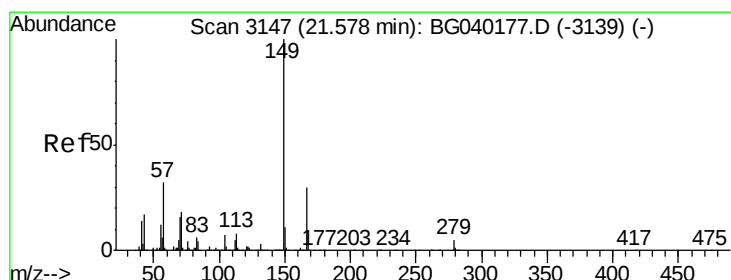
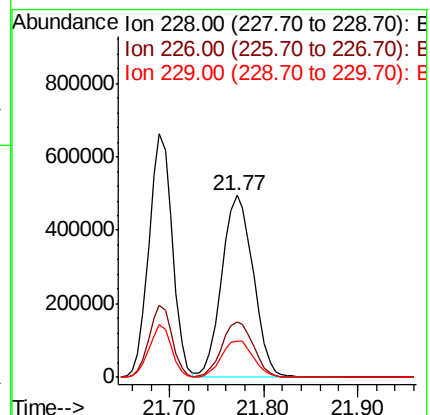
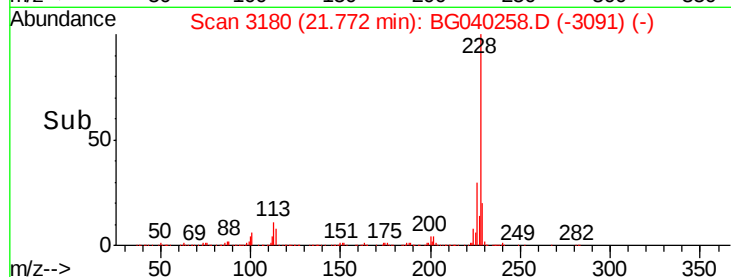
229 20.2 17.0 25.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.195 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

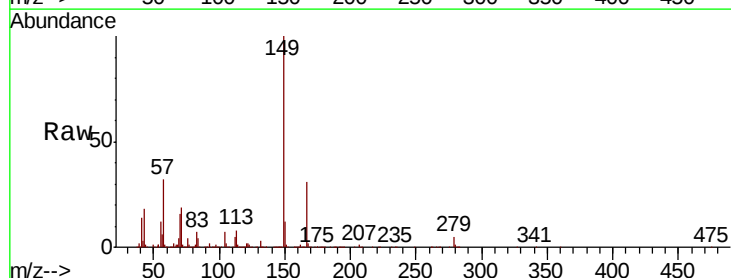
Tgt Ion:149 Resp: 757012

Ion Ratio Lower Upper

149 100

167 31.0 24.1 36.1

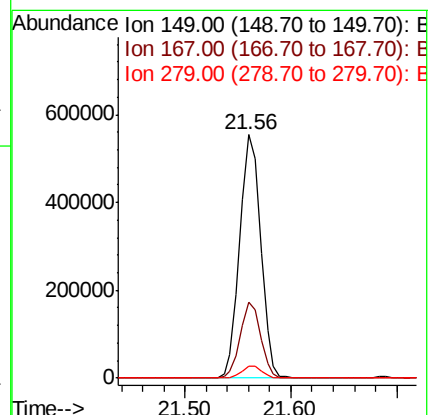
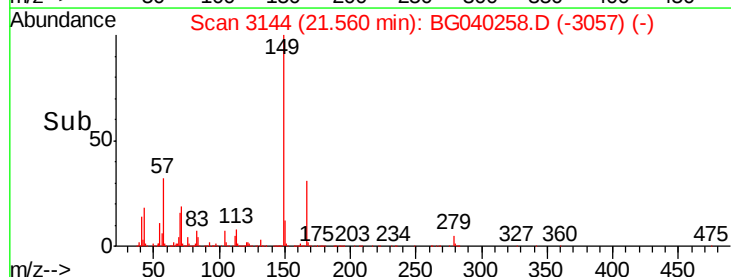
279 5.1 4.1 6.1

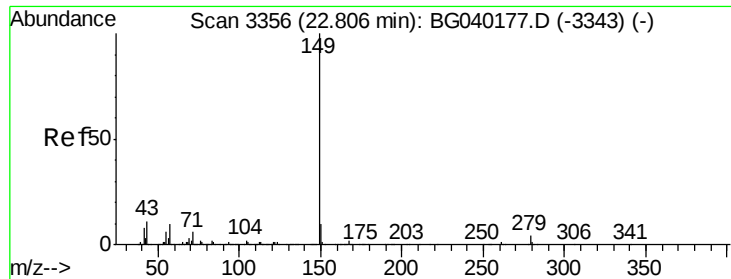


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.377 ng

RT: 22.79 min Scan# 3354

Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-AMS

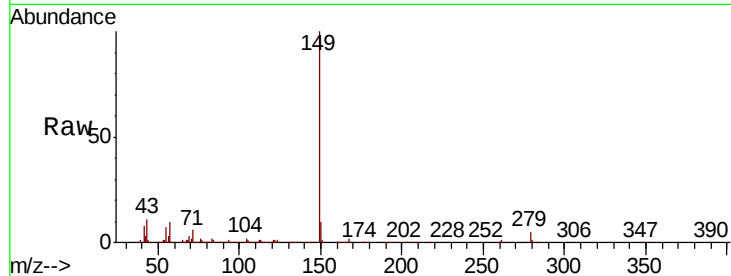
Tgt Ion:149 Resp: 1295597

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

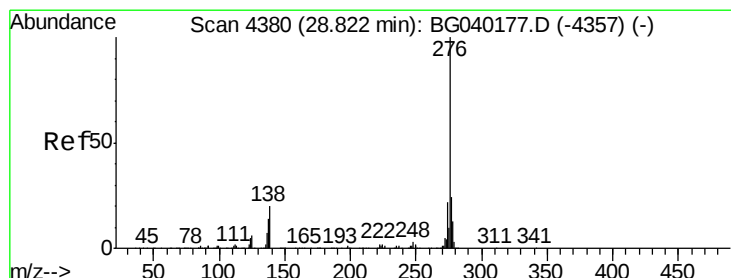
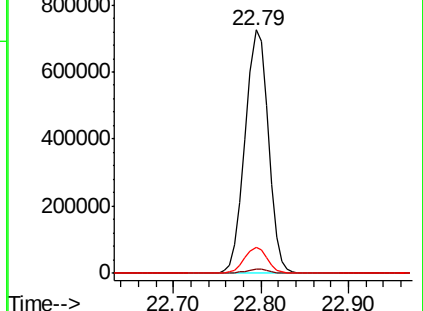
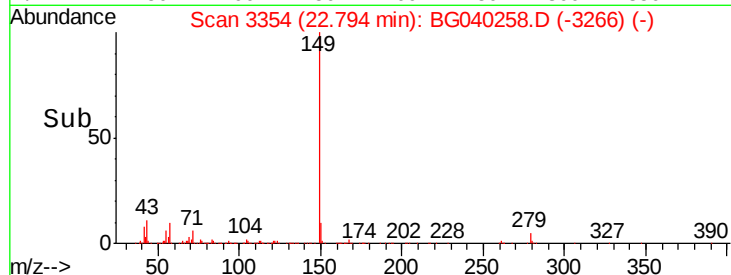
43 10.4 8.7 13.1



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: 42.500 ng

RT: 28.83 min Scan# 4381

Delta R.T. 0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

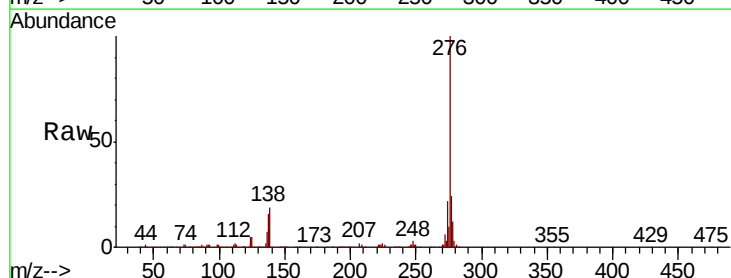
Tgt Ion:276 Resp: 1440662

Ion Ratio Lower Upper

276 100

138 10.0 18.8 28.2#

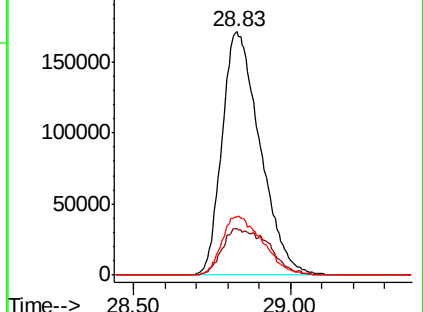
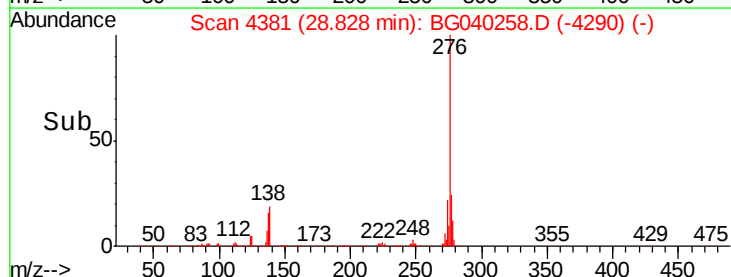
277 26.0 21.0 31.4

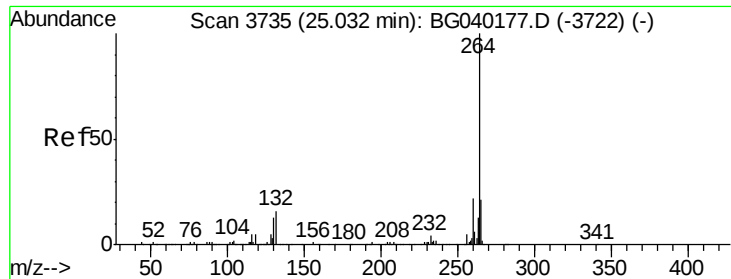


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.03 min Scan# 3735

Delta R.T. 0.00 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-AMS

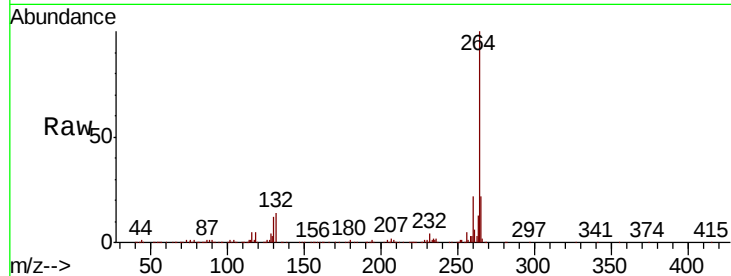
Tgt Ion:264 Resp: 480885

Ion Ratio Lower Upper

264 100

260 22.3 17.9 26.9

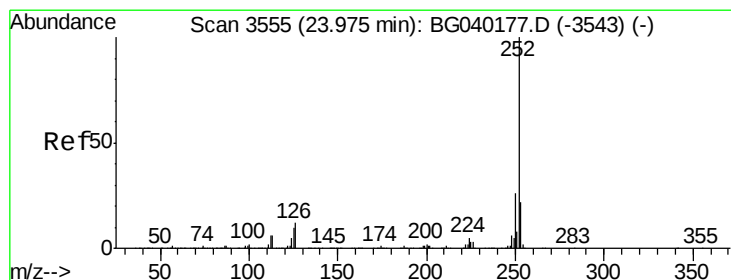
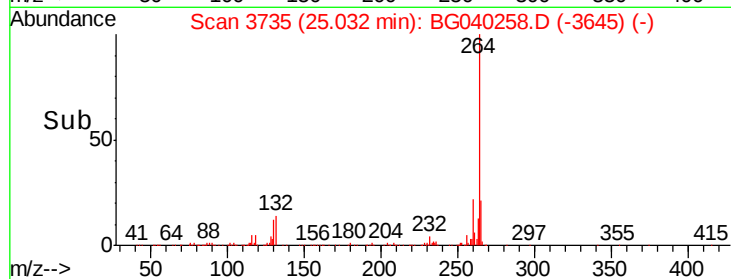
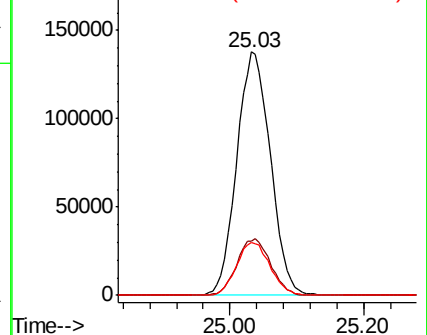
265 21.7 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.689 ng

RT: 23.96 min Scan# 3552

Delta R.T. -0.02 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

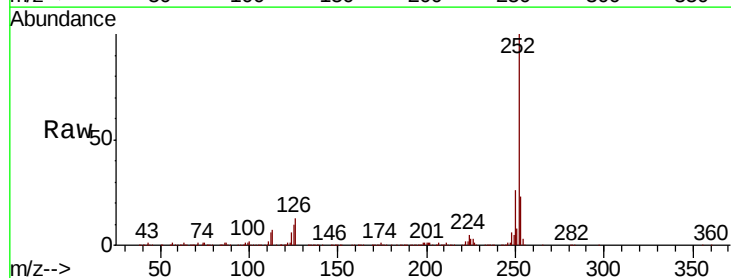
Tgt Ion:252 Resp: 1227396

Ion Ratio Lower Upper

252 100

253 23.5 17.6 26.4

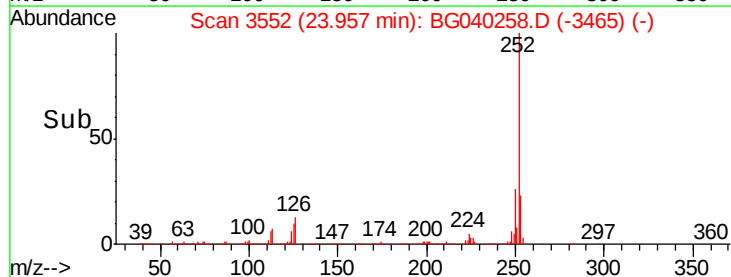
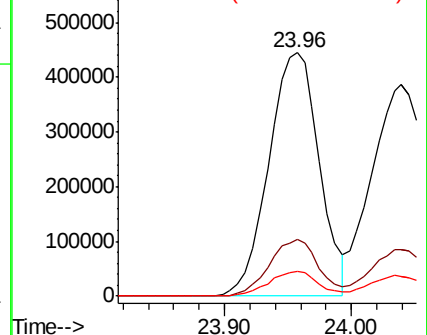
125 10.3 8.2 12.4

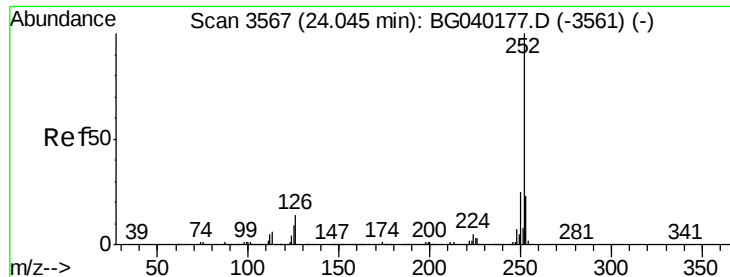


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 44.813 ng

RT: 24.04 min Scan# 3566

Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-AMS

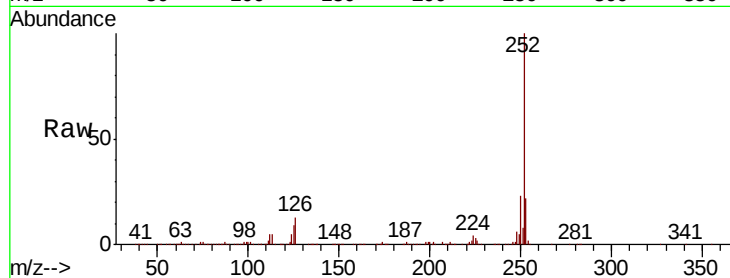
Tgt Ion:252 Resp: 1213307

Ion Ratio Lower Upper

252 100

253 21.9 18.6 28.0

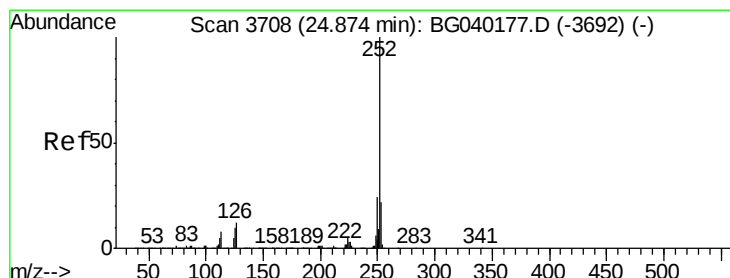
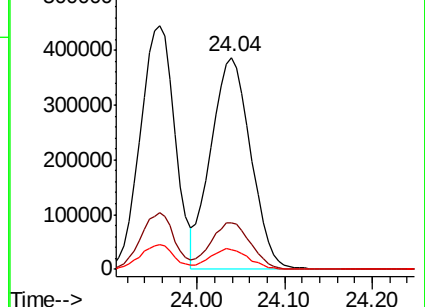
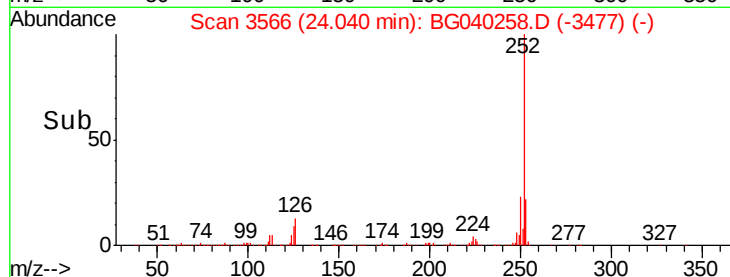
125 9.3 7.3 10.9



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: 44.039 ng

RT: 24.87 min Scan# 3708

Delta R.T. 0.00 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

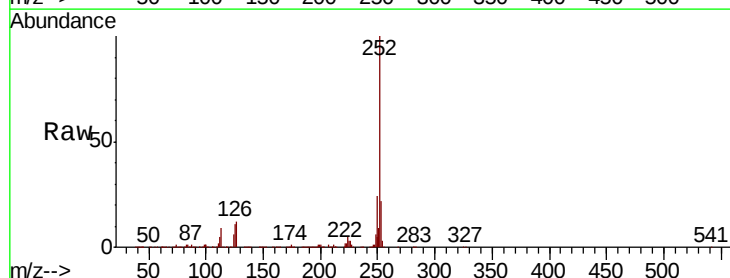
Tgt Ion:252 Resp: 1216535

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

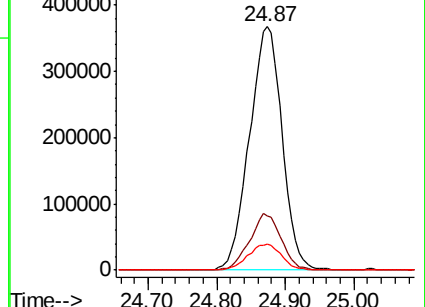
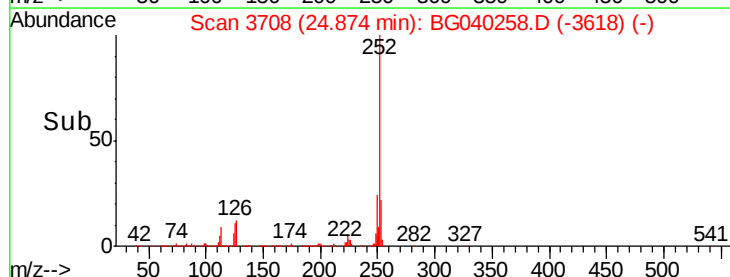
125 10.6 8.3 12.5

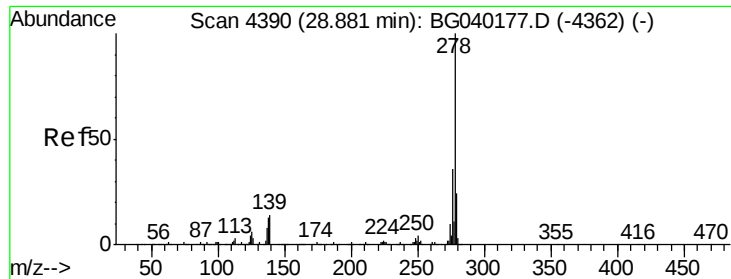


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.726 ng

RT: 28.92 min Scan# 4396

Delta R.T. 0.04 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-AMS

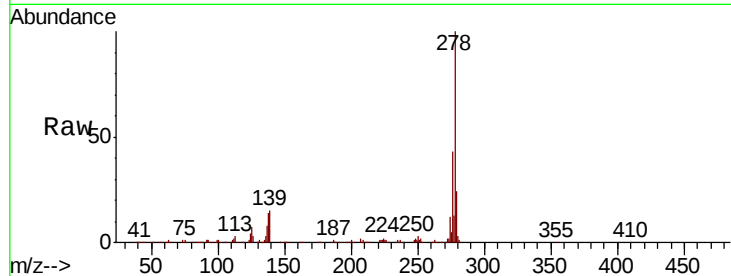
Tgt Ion:278 Resp: 1173136

Ion Ratio Lower Upper

278 100

139 14.9 11.2 16.8

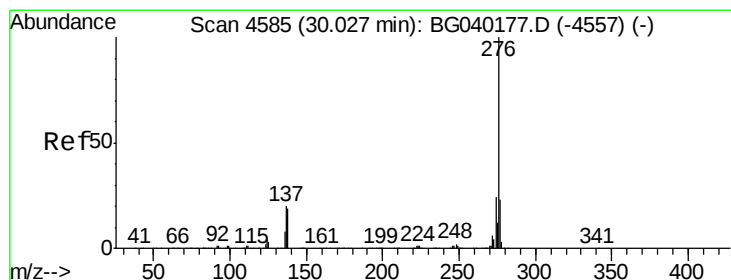
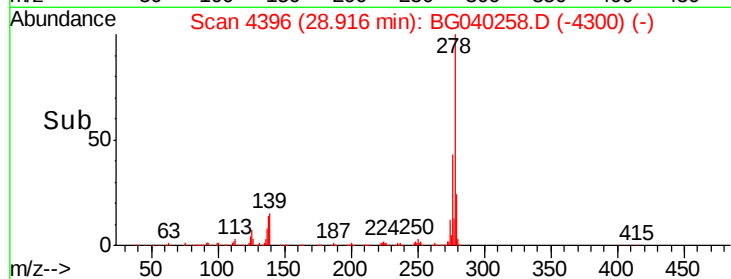
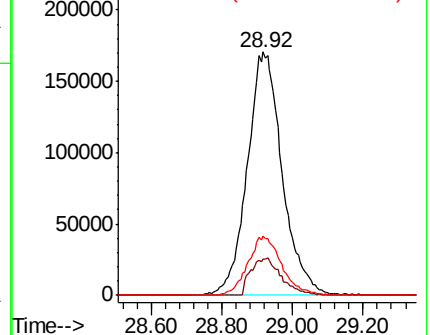
279 24.2 18.9 28.3



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: 45.571 ng

RT: 30.12 min Scan# 4601

Delta R.T. 0.09 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

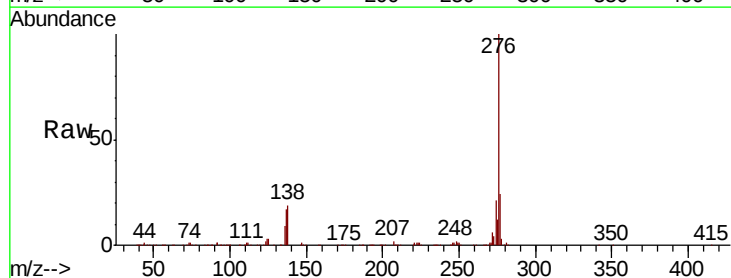
Tgt Ion:276 Resp: 1201550

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 19.0 15.2 22.8



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

