

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040119\
 Data File : BG040292.D
 Acq On : 2 Apr 2019 9:46
 Operator : JU/SJ
 Sample : K1689-04MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-032919-AMS

Quant Time: Apr 02 11:03:10 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	58354	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	252484	20.00	ng	-0.01
39) Acenaphthene-d10	14.68	164	170616	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	423509	20.00	ng	-0.01
76) Chrysene-d12	21.72	240	400662	20.00	ng	-0.01
87) Perylene-d12	25.06	264	414816	20.00	ng	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	465451	132.60	ng	0.00
7) Phenol-d6	7.21	99	603966	124.50	ng	-0.01
23) Nitrobenzene-d5	9.23	82	446513	94.00	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	306090	166.00	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	1033487	89.76	ng	-0.01
79) Terphenyl-d14	20.03	244	1623367	91.15	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.51	88	53716	32.544	ng	# 1
3) Pyridine	3.91	79	151888	34.178	ng	97
4) n-Nitrosodimethylamine	3.83	42	74865	36.419	ng	# 85
6) Aniline	7.39	93	90830	14.411	ng	96
8) 2-Chlorophenol	7.61	128	184762	44.965	ng	96
9) Benzaldehyde	7.20	77	123650	37.159	ng	97
10) Phenol	7.24	94	202599	38.476	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	180844	42.881	ng	98
12) 1,3-Dichlorobenzene	7.94	146	176362	39.483	ng	93
13) 1,4-Dichlorobenzene	8.09	146	179912	40.440	ng	97
14) 1,2-Dichlorobenzene	8.41	146	175572	41.268	ng	98
15) Benzyl Alcohol	8.30	79	173088	44.304	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	336860	41.619	ng	98
17) 2-Methylphenol	8.49	107	170639	46.832	ng	97
18) Hexachloroethane	9.13	117	65536	38.728	ng	97
19) n-Nitroso-di-n-propylamine	8.86	70	152422	43.823	ng	95
20) 3+4-Methylphenols	8.82	107	233941	47.395	ng	98
22) Acetophenone	8.88	105	296894	47.140	ng	# 97
24) Nitrobenzene	9.27	77	222498	45.234	ng	99
25) Isophorone	9.78	82	452436	46.291	ng	98
26) 2-Nitrophenol	9.98	139	109449	46.959	ng	99
27) 2,4-Dimethylphenol	10.03	122	208489	56.314	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	266361	46.064	ng	98
29) 2,4-Dichlorophenol	10.51	162	209819	52.213	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	201782	45.730	ng	97
31) Naphthalene	10.92	128	600396	46.393	ng	98
32) Benzoic acid	10.14	122	10921	4.882	ng	94
33) 4-Chloroaniline	11.04	127	19241	3.485	ng	# 95
34) Hexachlorobutadiene	11.18	225	117385	41.596	ng	95
35) Caprolactam	11.82	113	36448	22.855	ng	# 85
36) 4-Chloro-3-methylphenol	12.14	107	246300	53.314	ng	99
37) 2-Methylnaphthalene	12.51	142	468343	48.931	ng	100
38) 1-Methylnaphthalene	12.74	142	447558	48.221	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	243064	44.823	ng	99

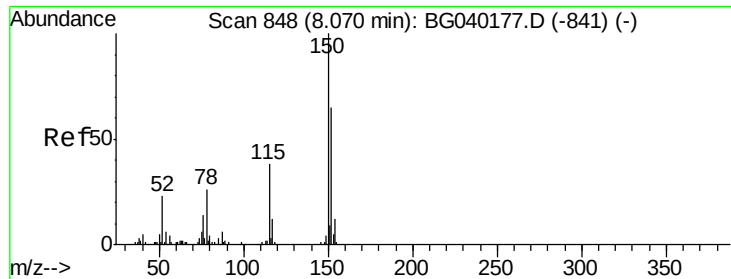
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040119\
 Data File : BG040292.D
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 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	229484	77.073	ng	99
43) 2,4,6-Trichlorophenol	13.12	196	183090	52.368	ng	95
44) 2,4,5-Trichlorophenol	13.20	196	195914	51.410	ng	98
46) 1,1'-Biphenyl	13.52	154	622107	46.147	ng	98
47) 2-Chloronaphthalene	13.57	162	482127	46.624	ng	99
48) 2-Nitroaniline	13.78	65	169748	48.666	ng	98
49) Acenaphthylene	14.41	152	811229	46.270	ng	99
50) Dimethylphthalate	14.14	163	643366	48.181	ng	100
51) 2,6-Dinitrotoluene	14.27	165	148609	49.565	ng	97
52) Acenaphthene	14.75	154	480135	47.792	ng	96
53) 3-Nitroaniline	14.60	138	44056	13.881	ng	95
54) 2,4-Dinitrophenol	14.81	184	26380	16.544	ng	92
55) Dibenzofuran	15.08	168	788565	48.849	ng	100
56) 4-Nitrophenol	14.91	139	180526	70.477	ng	95
57) 2,4-Dinitrotoluene	15.05	165	210218	50.459	ng	99
58) Fluorene	15.73	166	622090	49.015	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	177325	51.278	ng	99
60) Diethylphthalate	15.49	149	682785	49.969	ng	100
61) 4-Chlorophenyl-phenylether	15.72	204	340964	50.258	ng	98
62) 4-Nitroaniline	15.77	138	163831	48.101	ng	98
63) Azobenzene	16.01	77	624844	48.480	ng	96
65) 4,6-Dinitro-2-methylphenol	15.81	198	37424	15.729	ng	97
66) n-Nitrosodiphenylamine	15.93	169	591782	47.751	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	223582	46.912	ng	98
68) Hexachlorobenzene	16.73	284	228692	47.724	ng	98
69) Atrazine	16.88	200	210396	45.638	ng	98
70) Pentachlorophenol	17.07	266	89370	32.259	ng	98
71) Phenanthrene	17.47	178	1042516	46.833	ng	99
72) Anthracene	17.57	178	1065920	47.840	ng	99
73) Carbazole	17.84	167	991547	47.023	ng	100
74) Di-n-butylphthalate	18.37	149	1148715	45.958	ng	99
75) Fluoranthene	19.48	202	1226609	46.534	ng	98
77) Benzidine	19.67	184	131376	9.080	ng	97
78) Pyrene	19.84	202	1239947	47.060	ng	98
80) Butylbenzylphthalate	20.71	149	535352	47.483	ng	98
81) Benzo(a)anthracene	21.69	228	1121157	45.430	ng	98
82) 3,3'-Dichlorobenzidine	21.61	252	133345	14.204	ng	99
83) Chrysene	21.76	228	1117684	47.125	ng	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	750629	46.574	ng	99
85) Di-n-octyl phthalate	22.81	149	1294617	47.147	ng	99
86) Indeno(1,2,3-cd)pyrene	28.90	276	605126	20.860	ng	# 65
88) Benzo(b)fluoranthene	23.97	252	1227921	48.350	ng	99
89) Benzo(k)fluoranthene	24.05	252	1188858	50.904	ng	100
90) Benzo(a)pyrene	24.90	252	1212295	50.876	ng	100
91) Dibenzo(a,h)anthracene	28.99	278	1177306	53.197	ng	97
92) Benzo(g,h,i)perylene	30.26	276	1188932	52.274	ng	97

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

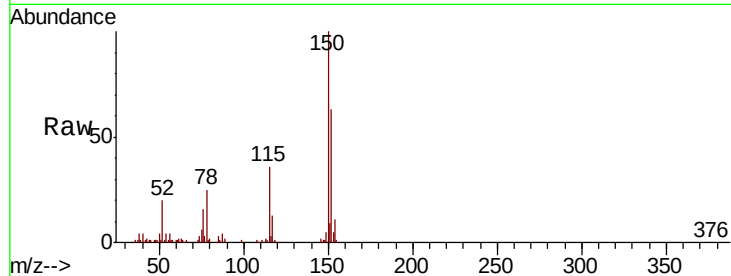


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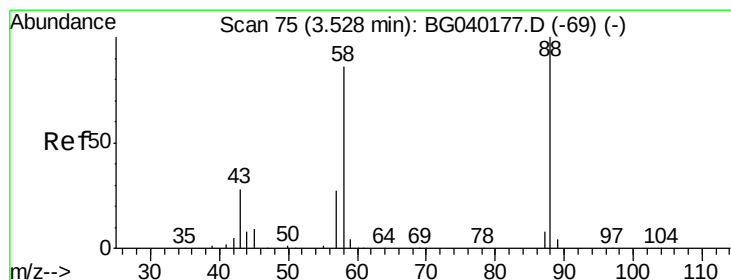
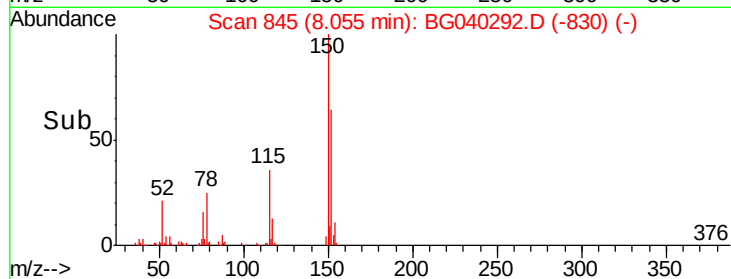
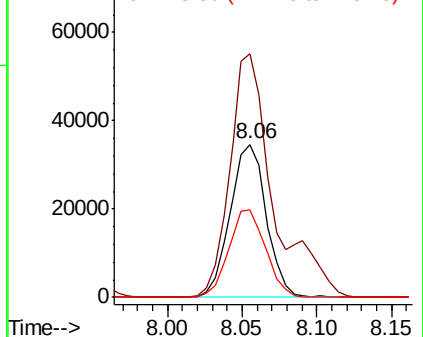
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG040292.D
Acq: 2 Apr 2019 9:46

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-AMS

Tot Ion:152 Resp: 58354
Ion Ratio Lower Upper
152 100
150 158.7 123.7 185.5
115 56.6 46.9 70.3



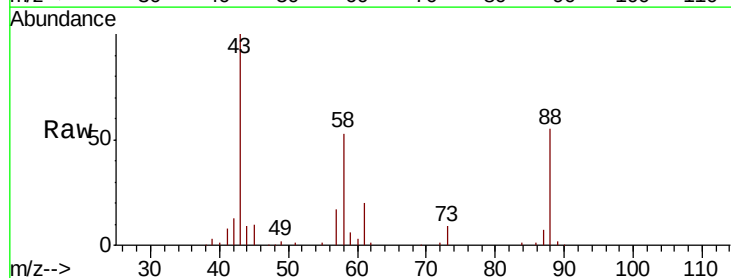
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



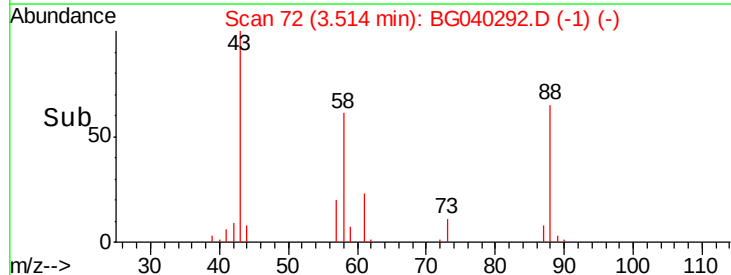
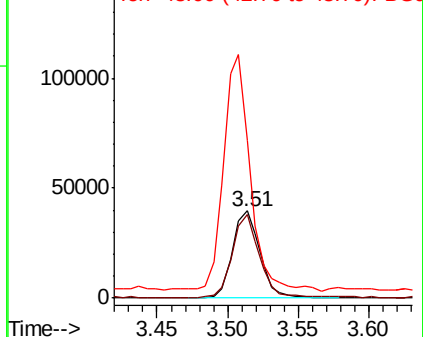
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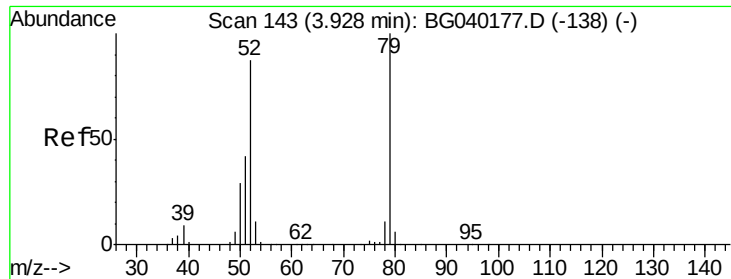
1,4-Dioxane
Concen: 32.544 ng
RT: 3.51 min Scan# 72
Delta R.T. -0.01 min
Lab File: BG040292.D
Acq: 2 Apr 2019 9:46

Tgt Ion: 88 Resp: 53716
Ion Ratio Lower Upper
88 100
58 93.1 70.6 106.0
43 260.7 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

Pvridine

Concen: 34.178 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.01 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

Instrument :

BNA_G

ClientSampleId :

NB-08-032919-AMS

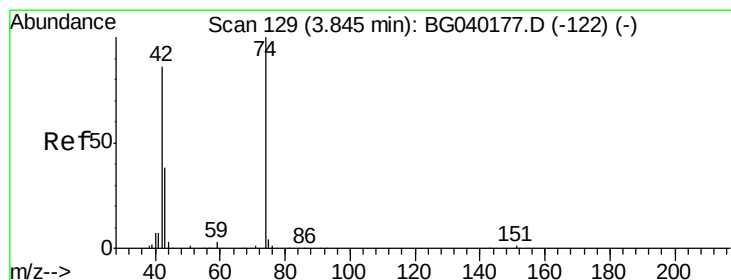
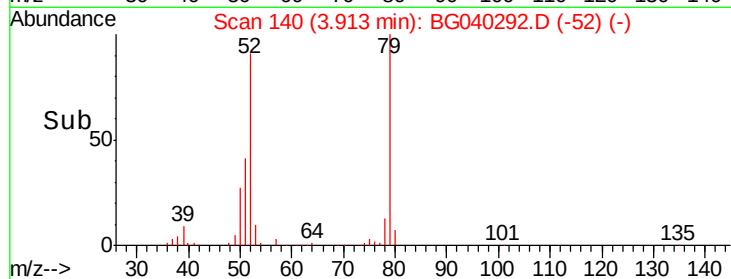
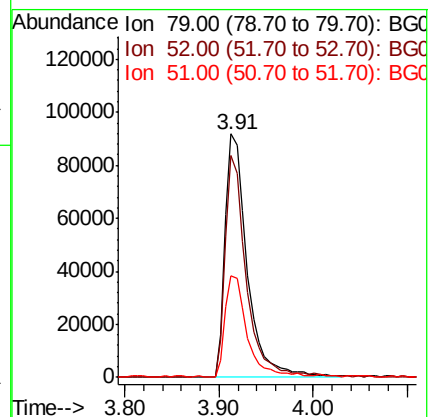
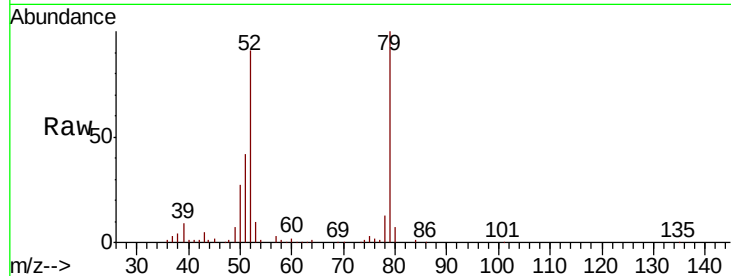
Tot Ion: 79 Resp: 151888

Ion Ratio Lower Upper

79 100

52 91.1 69.8 104.8

51 41.8 33.9 50.9



#4

n-Nitrosodimethylamine

Concen: 36.419 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.01 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

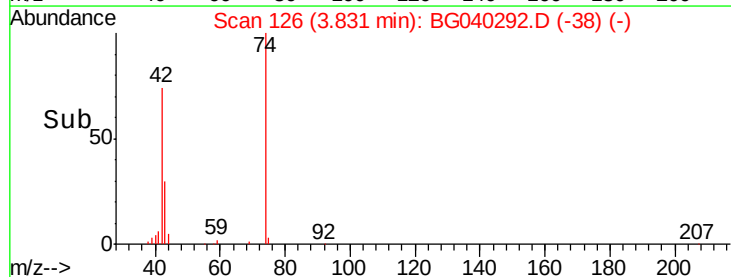
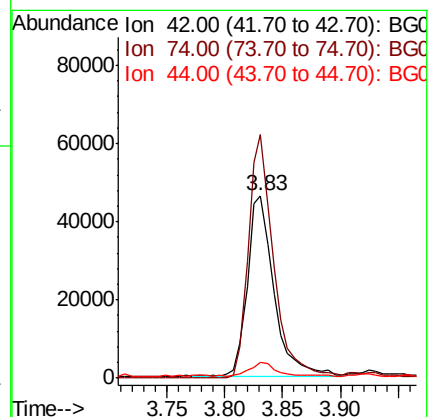
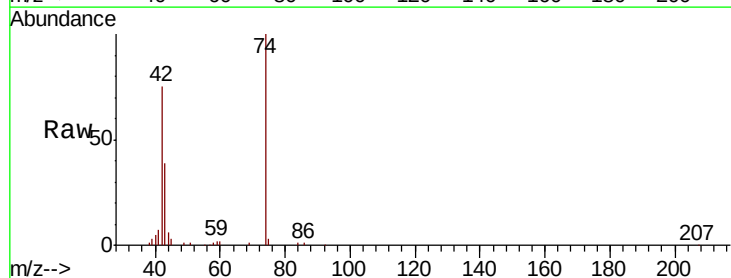
Tgt Ion: 42 Resp: 74865

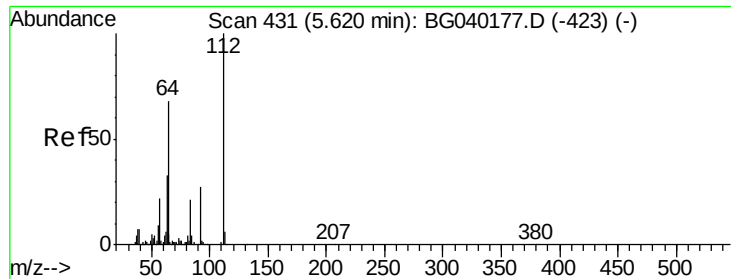
Ion Ratio Lower Upper

42 100

74 133.3 92.9 139.3

44 8.4 9.7 14.5#





#5

2-Fluorophenol

Concen: 132.600 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.01 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

Instrument :

BNA_G

ClientSampleId :

NB-08-032919-AMS

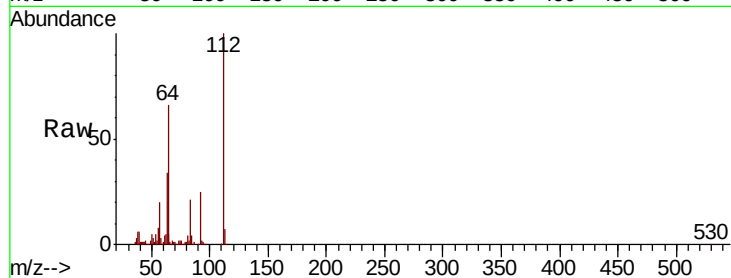
Tot Ion:112 Resp: 465451

Ion Ratio Lower Upper

112 100

64 66.0 54.2 81.2

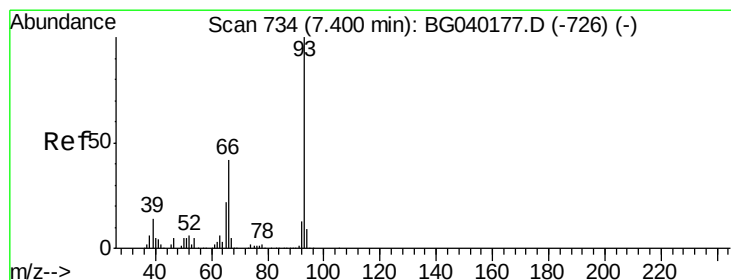
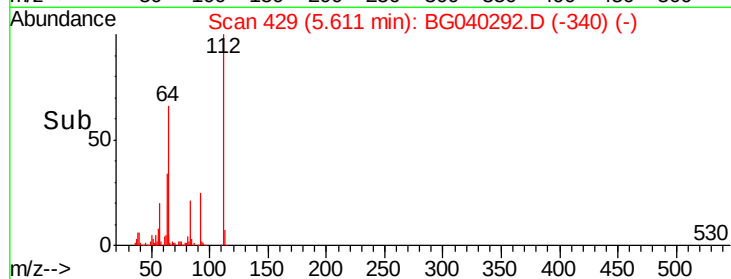
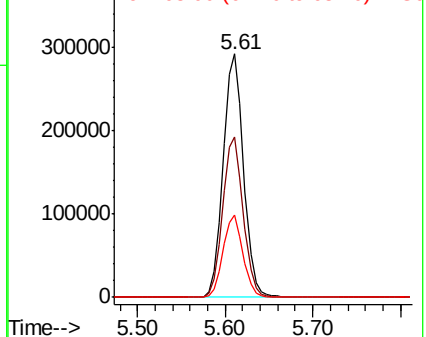
63 34.0 26.4 39.6



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: 14.411 ng

RT: 7.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

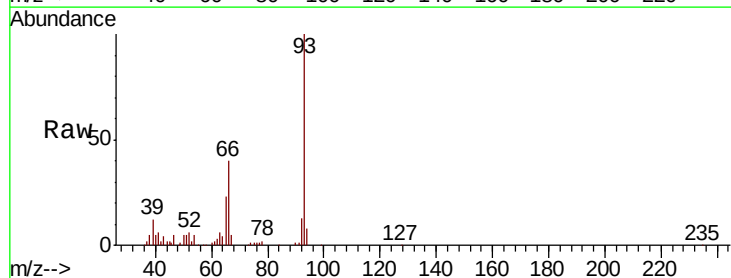
Tgt Ion: 93 Resp: 90830

Ion Ratio Lower Upper

93 100

66 39.6 33.6 50.4

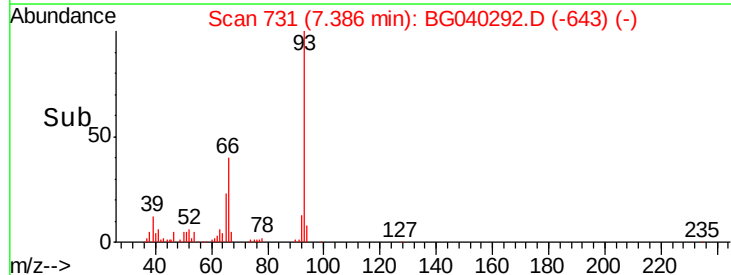
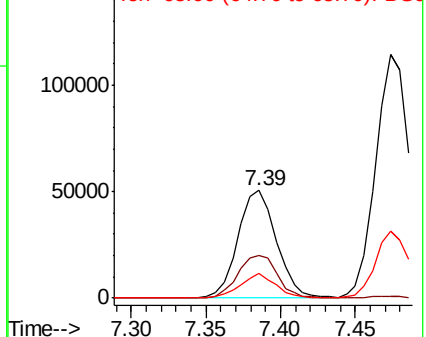
65 23.2 17.4 26.2

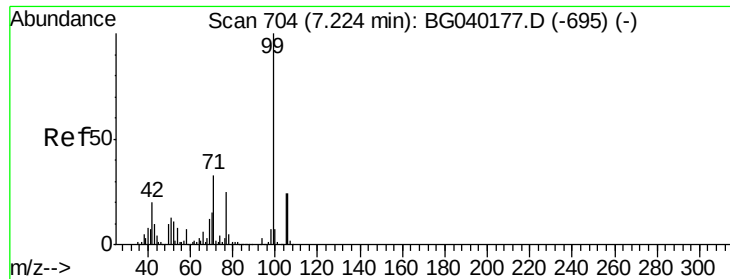


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 124.499 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

Instrument :

BNA_G

ClientSampleId :

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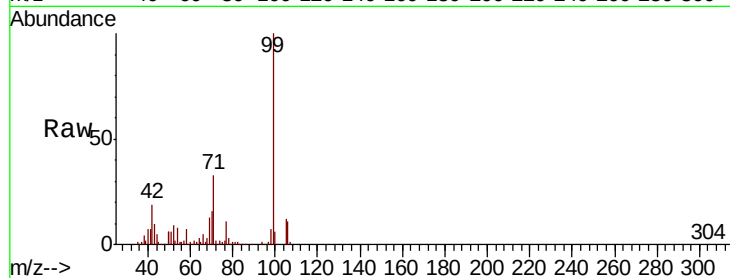
Tot Ion: 99 Resp: 603966

Ion Ratio Lower Upper

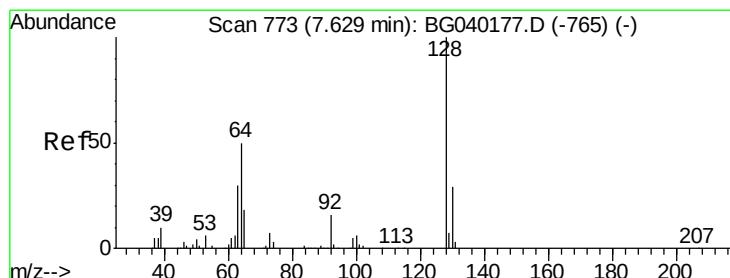
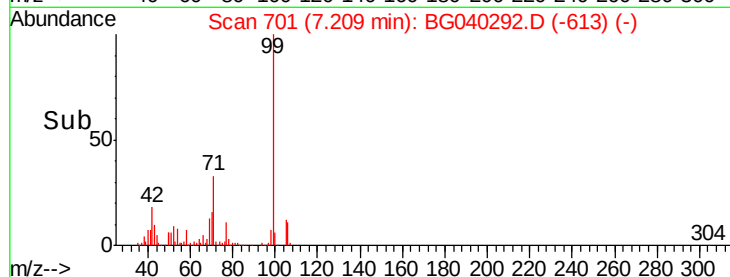
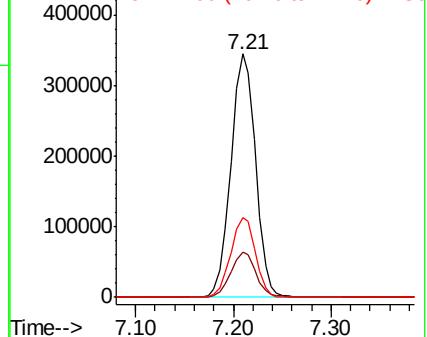
99 100

42 18.5 16.2 24.2

71 32.9 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: 44.965 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.01 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

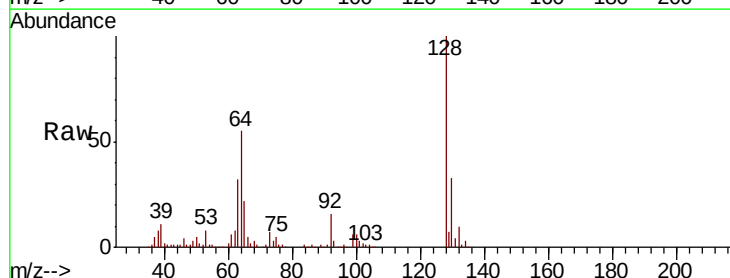
Tgt Ion: 128 Resp: 184762

Ion Ratio Lower Upper

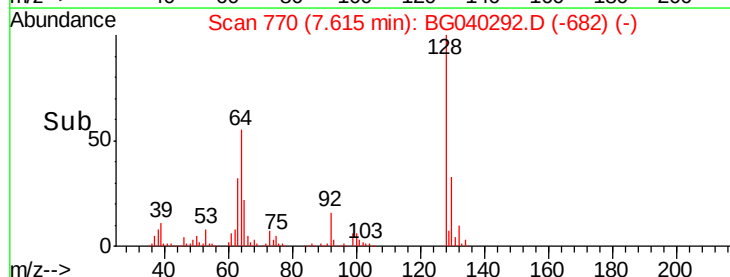
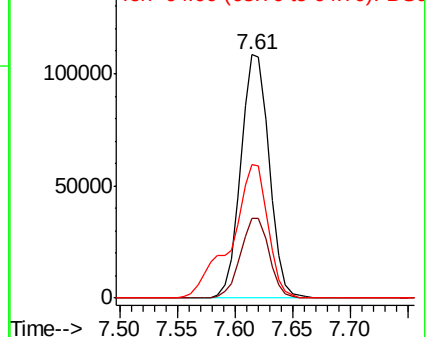
128 100

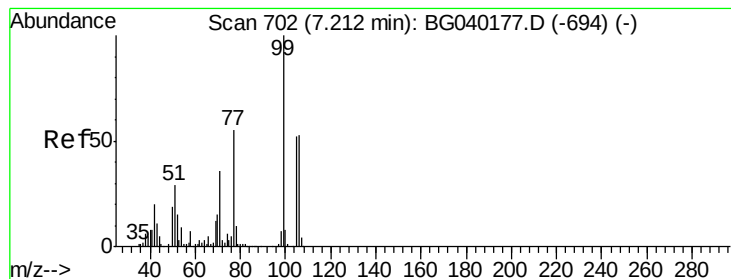
130 32.7 9.1 49.1

64 55.0 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: 37.159 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

Instrument :

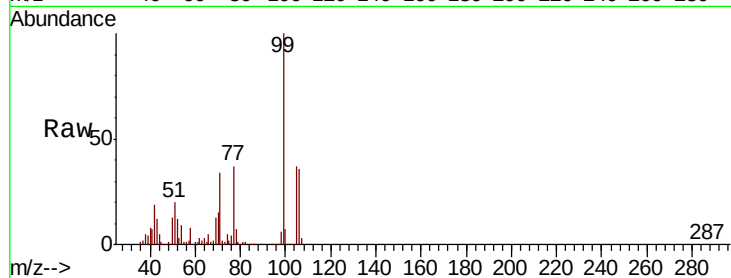
BNA_G

ClientSampleId :

NB-08-032919-AMS

Tot Ion: 77 Resp: 123650

Ion	Ratio	Lower	Upper
77	100		
105	100.2	75.0	115.0
106	96.9	75.7	115.7

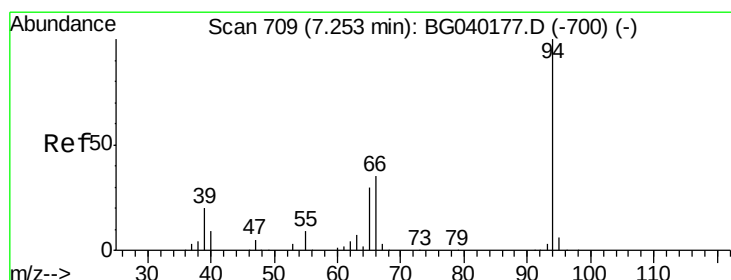
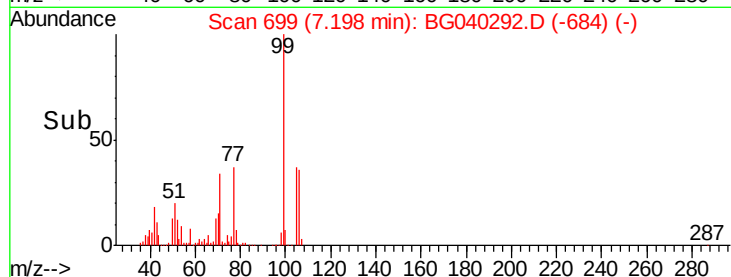
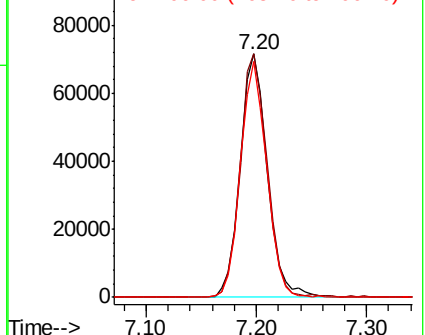


Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 38.476 ng

RT: 7.24 min Scan# 706

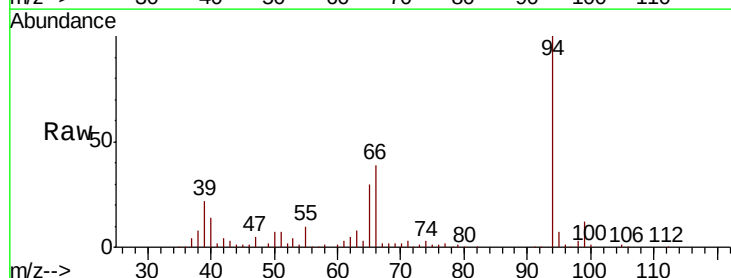
Delta R.T. -0.01 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

Tgt Ion: 94 Resp: 202599

Ion	Ratio	Lower	Upper
94	100		
65	30.3	10.5	50.5
66	38.8	16.9	56.9

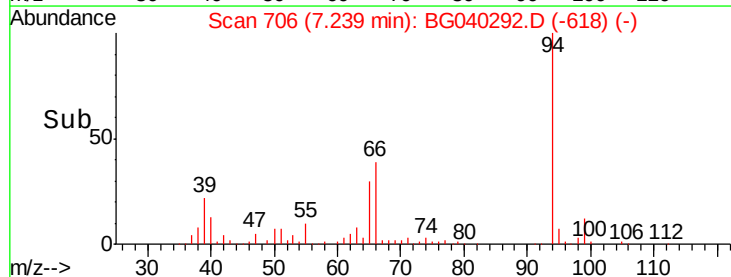
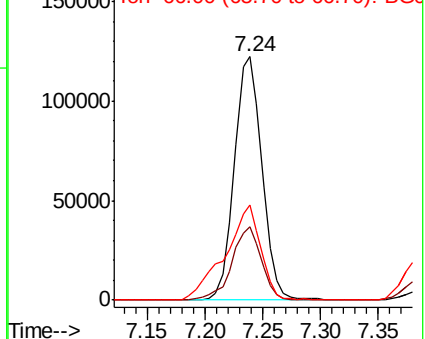


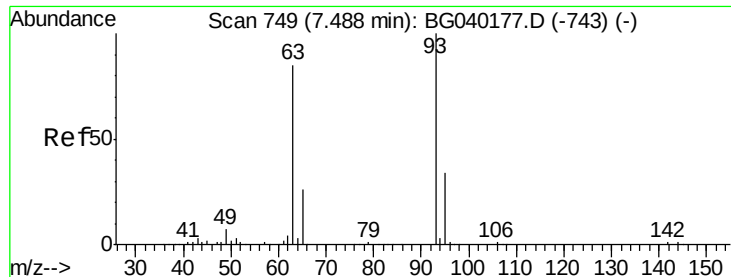
Abundance

Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

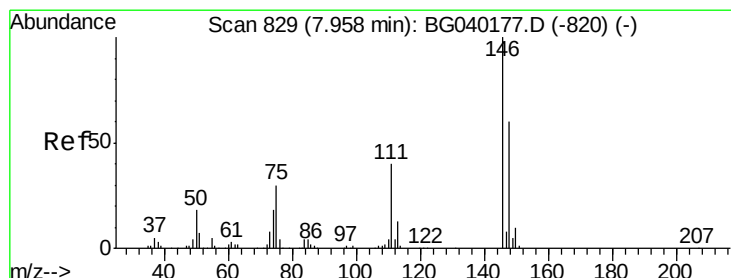
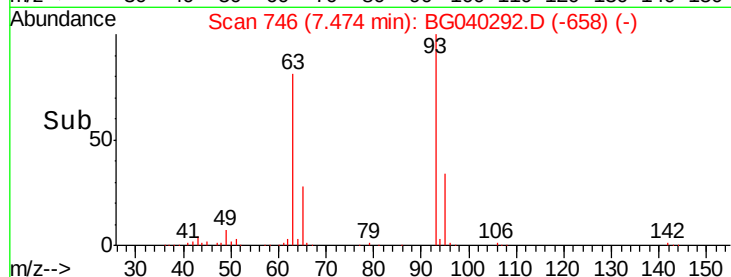
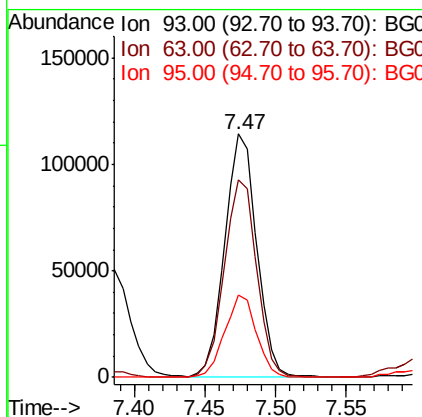
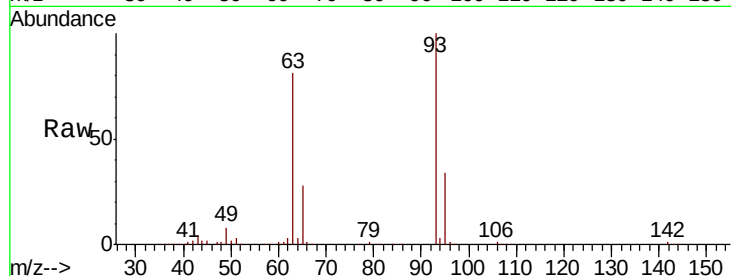




#11
bis(2-Chloroethyl)ether
Concen: 42.881 ng
RT: 7.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BG040292.D
Acq: 2 Apr 2019 9:46

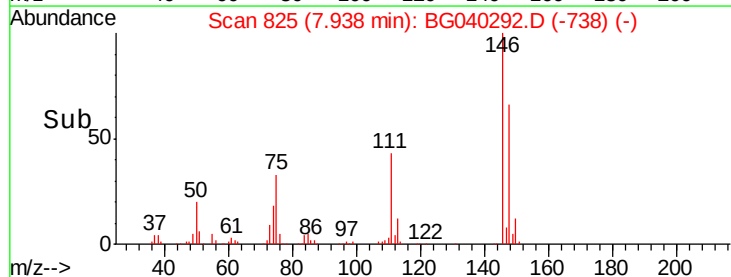
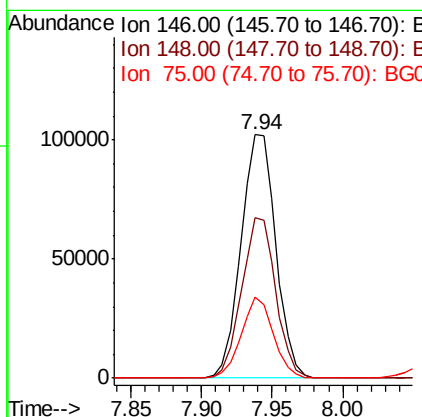
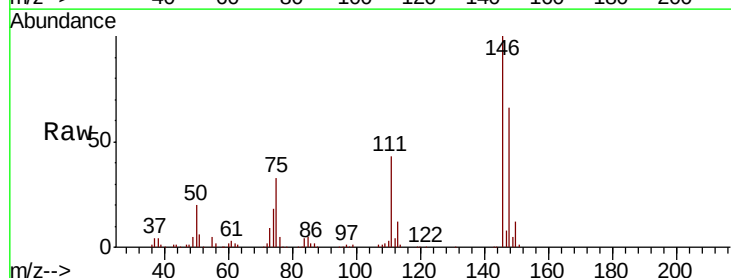
Instrument :
BNA_G
ClientSampleId :
NB-08-032919-AMS

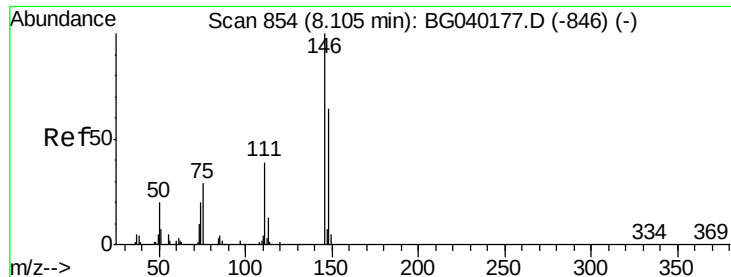
Tot Ion: 93 Resp: 180844
Ion Ratio Lower Upper
93 100
63 81.2 64.2 104.2
95 33.8 14.0 54.0



#12
1,3-Dichlorobenzene
Concen: 39.483 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.02 min
Lab File: BG040292.D
Acq: 2 Apr 2019 9:46

Tgt Ion: 146 Resp: 176362
Ion Ratio Lower Upper
146 100
148 65.7 48.2 72.2
75 33.1 24.1 36.1

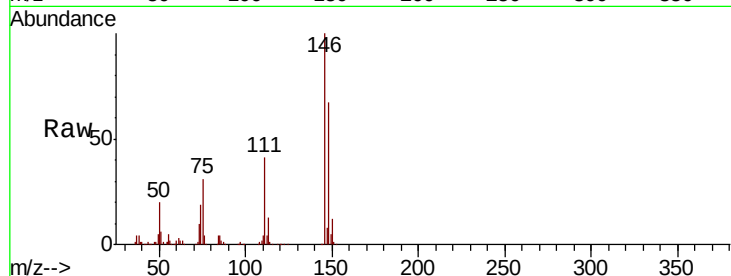




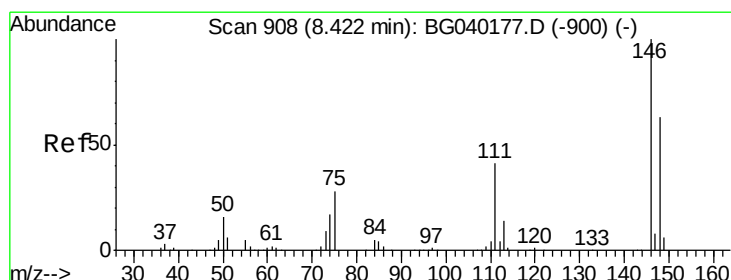
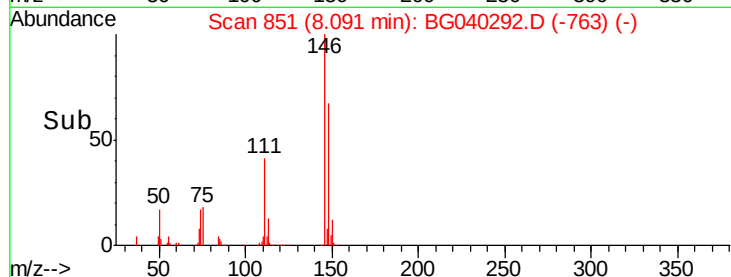
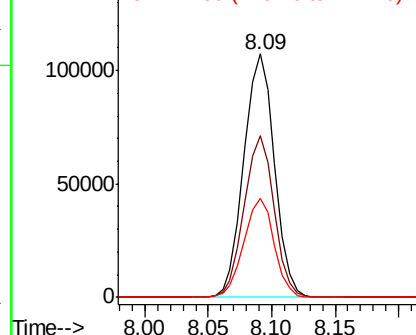
#13
 1,4-Dichlorobenzene
 Concen: 40.440 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.01 min
 Lab File: BG040292.D
 Acq: 2 Apr 2019 9:46

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-032919-AMS

Tot Ion:146 Resp: 179912
 Ion Ratio Lower Upper
 146 100
 148 66.5 51.0 76.4
 111 40.9 31.8 47.6

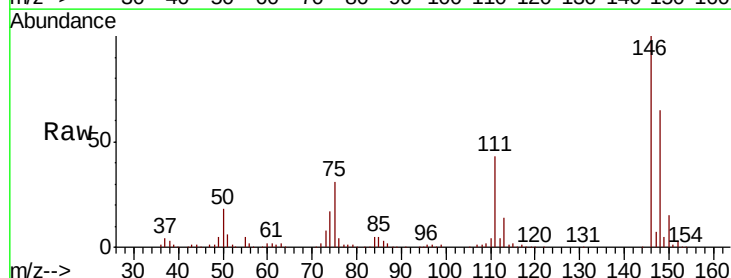


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

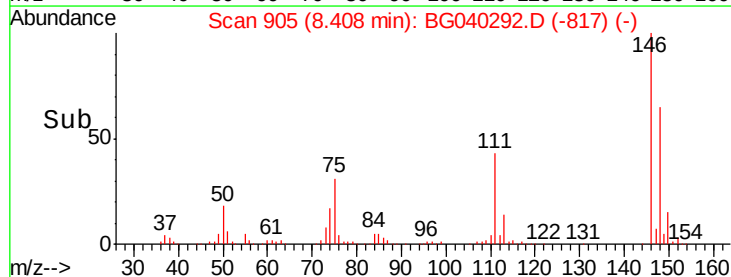
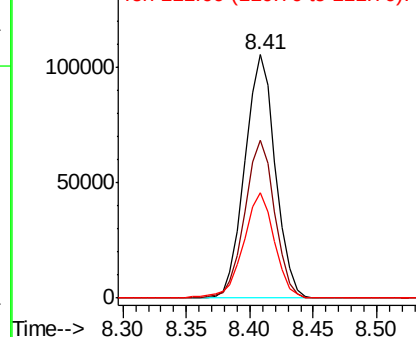


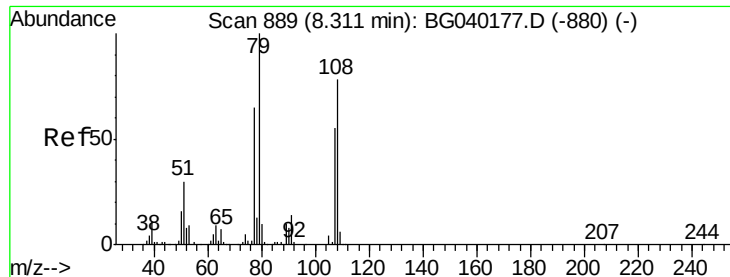
#14
 1,2-Dichlorobenzene
 Concen: 41.268 ng
 RT: 8.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BG040292.D
 Acq: 2 Apr 2019 9:46

Tgt Ion:146 Resp: 175572
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.8 76.2
 111 43.1 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: 44.304 ng

RT: 8.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

Instrument :

BNA_G

ClientSampleId :

NB-08-032919-AMS

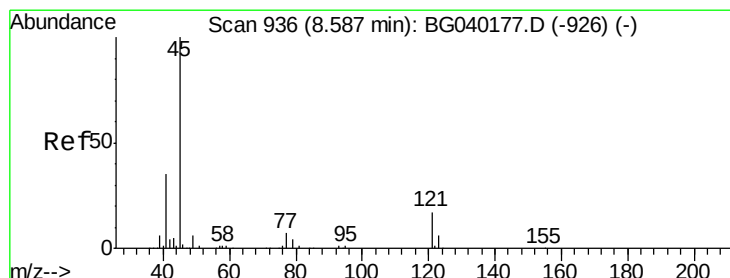
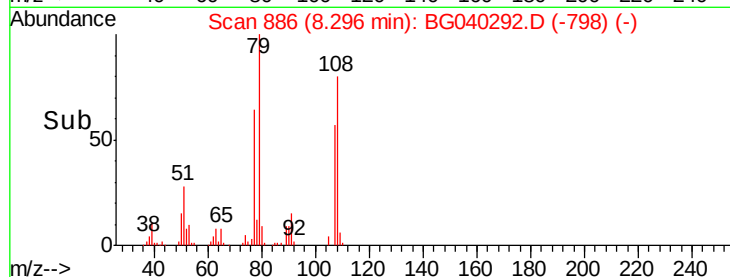
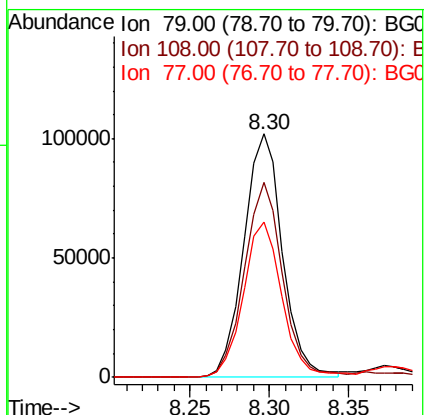
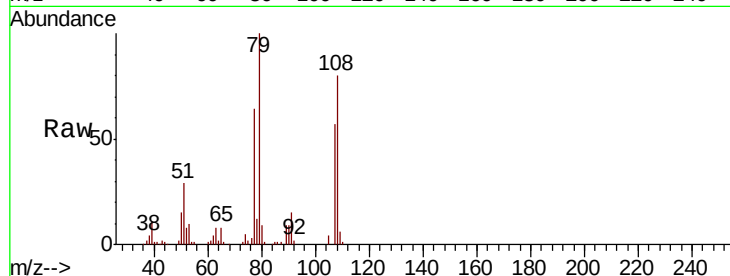
Tot Ion: 79 Resp: 173088

Ion Ratio Lower Upper

79 100

108 80.3 62.1 93.1

77 63.5 51.9 77.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.619 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

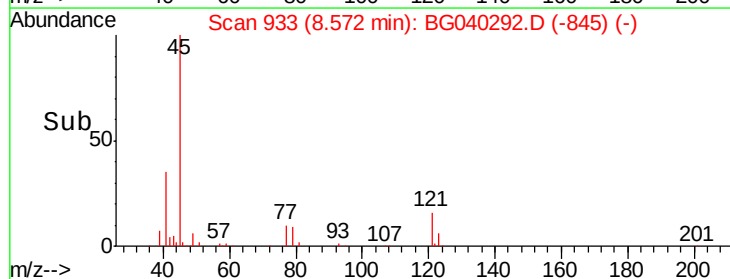
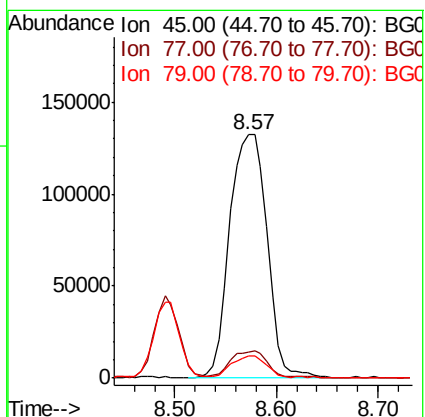
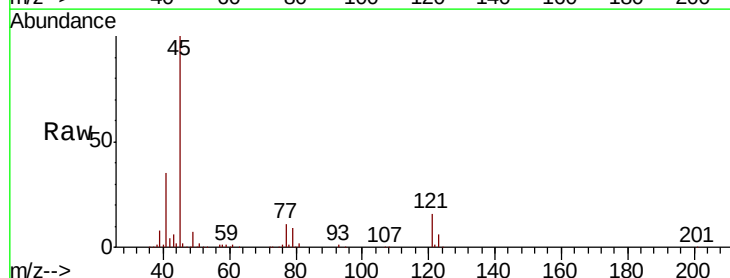
Tgt Ion: 45 Resp: 336860

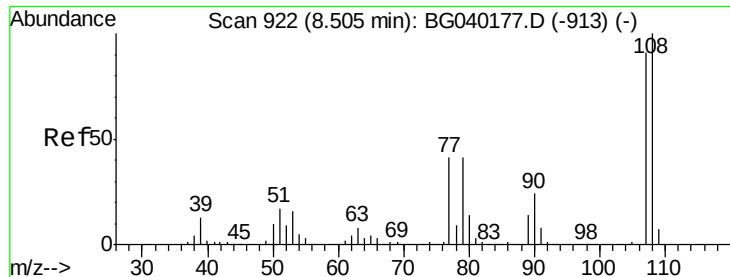
Ion Ratio Lower Upper

45 100

77 10.9 0.0 31.4

79 9.0 0.0 28.3





#17

2-Methylphenol

Concen: 46.832 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

Instrument :

BNA_G

ClientSampleId :

NB-08-032919-AMS

Tot Ion:107 Resp: 170639

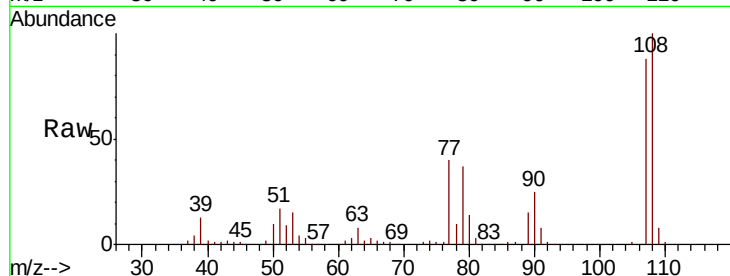
Ion Ratio Lower Upper

107 100

108 114.0 88.2 132.4

77 45.1 36.6 55.0

79 42.0 36.5 54.7

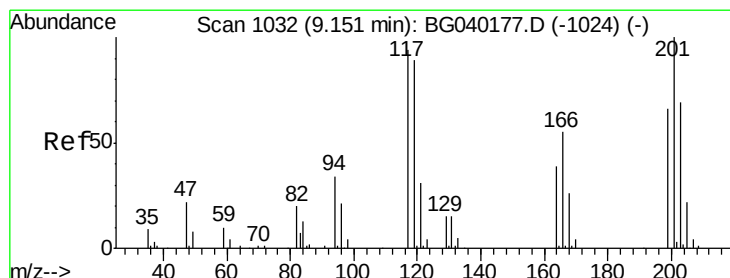
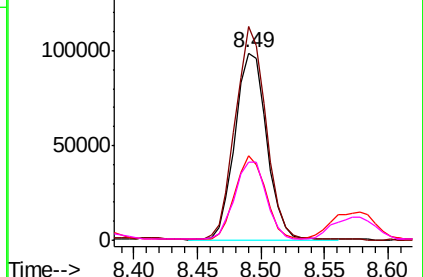
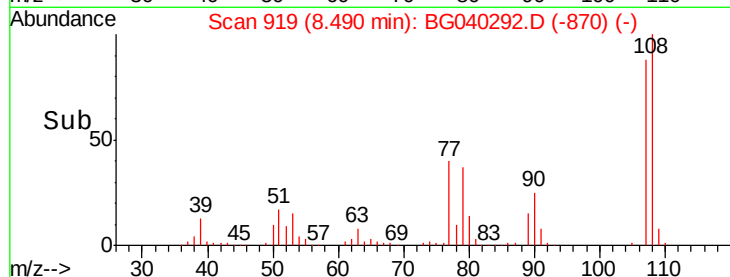


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.728 ng

RT: 9.13 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

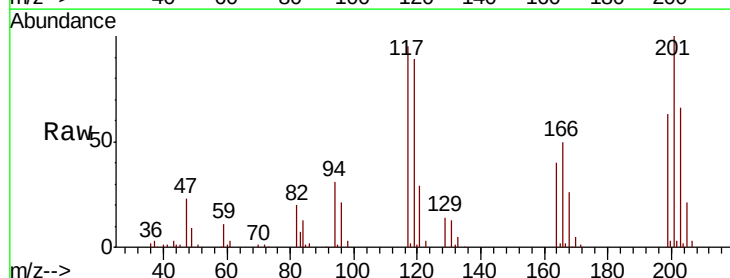
Tgt Ion:117 Resp: 65536

Ion Ratio Lower Upper

117 100

119 93.3 76.6 115.0

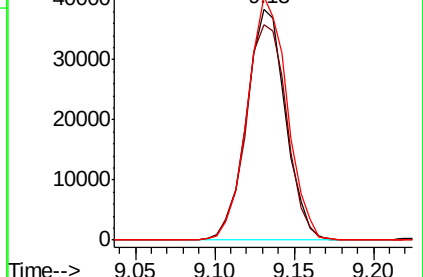
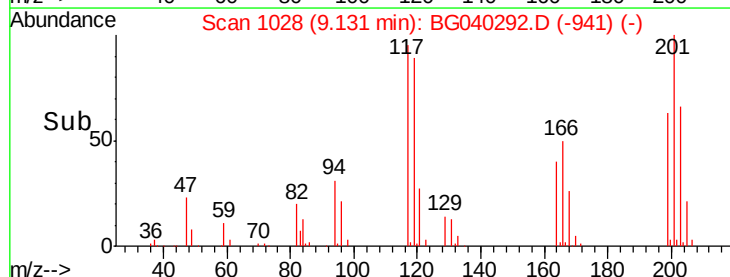
201 108.9 85.0 127.4

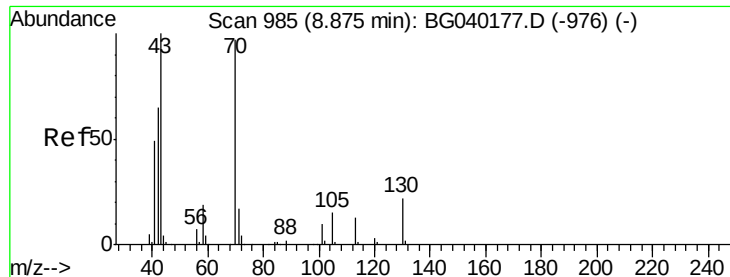


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

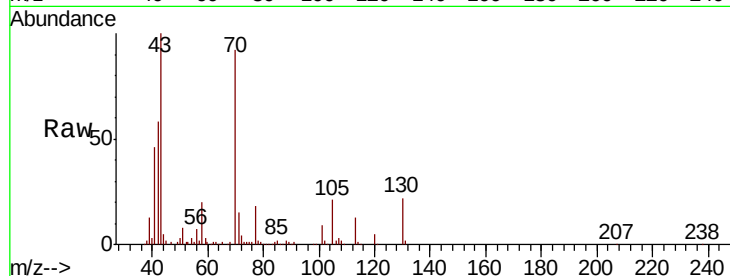




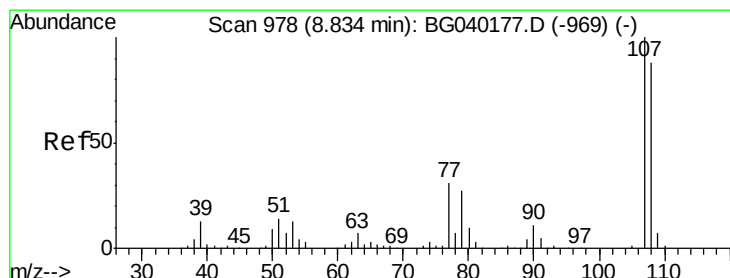
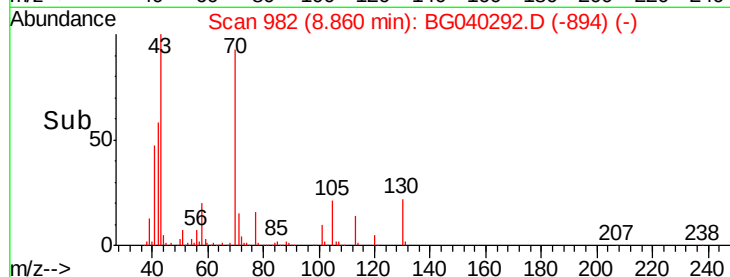
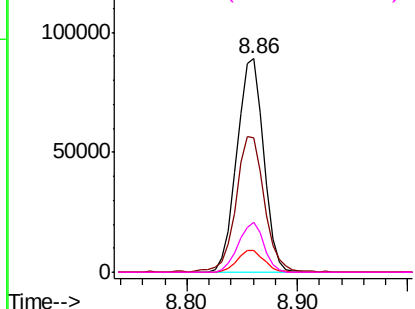
#19
n-Nitroso-di-n-propylamine
Concen: 43.823 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG040292.D
Acq: 2 Apr 2019 9:46

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-AMS

Tot Ion:	70	Resp:	152422
Ion	Ratio	Lower	Upper
70	100		
42	62.7	54.0	81.0
101	10.3	8.6	13.0
130	23.5	18.2	27.2

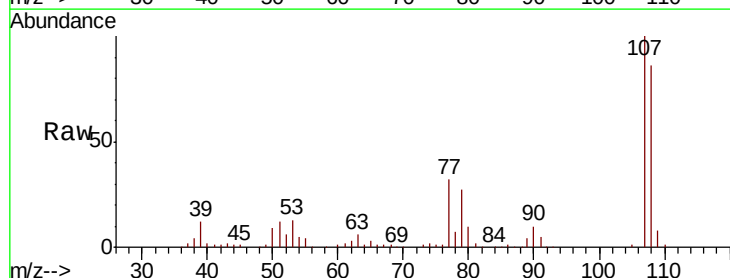


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

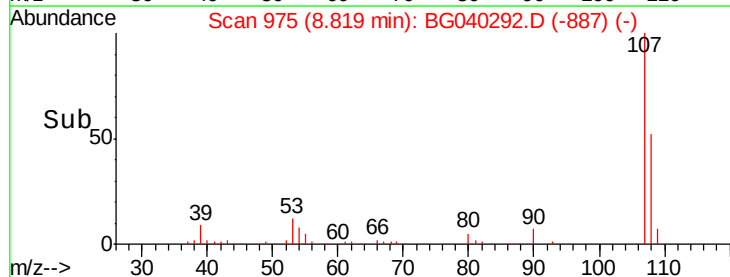
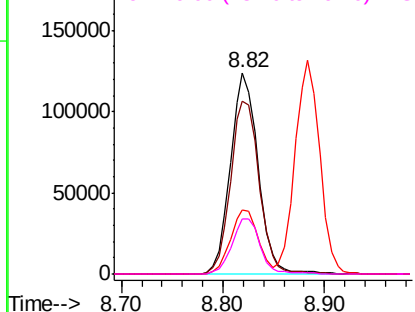


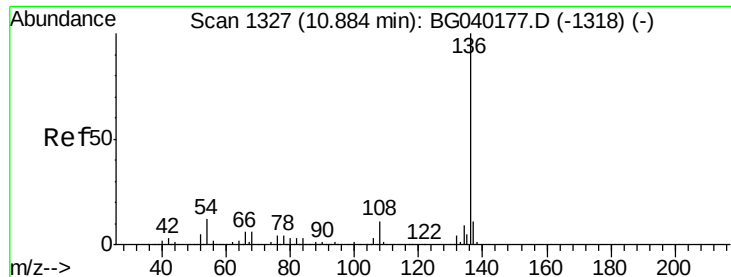
#20
3+4-Methylphenols
Concen: 47.395 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BG040292.D
Acq: 2 Apr 2019 9:46

Tgt Ion:	107	Resp:	233941
Ion	Ratio	Lower	Upper
107	100		
108	85.9	68.3	108.3
77	31.9	11.3	51.3
79	27.1	7.3	47.3



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

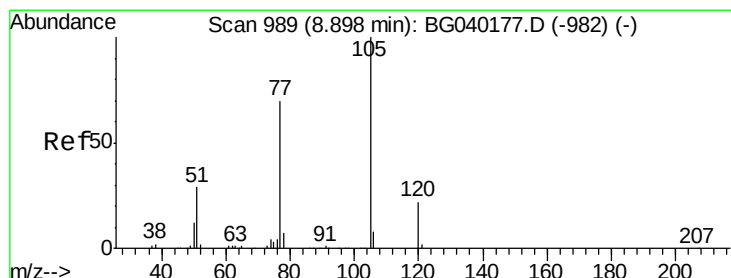
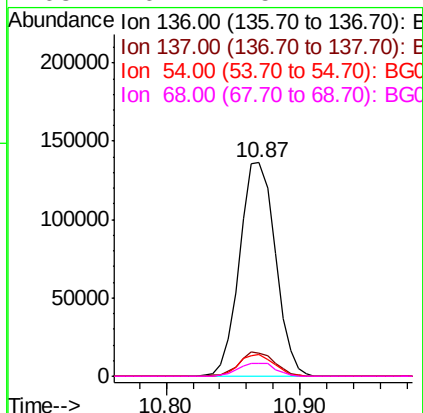
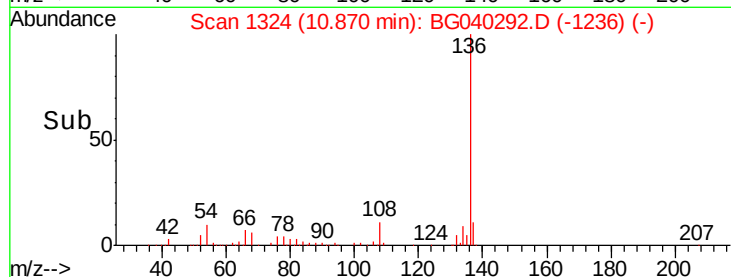
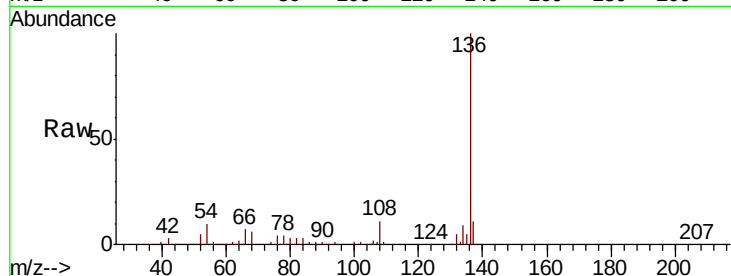




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG040292.D
Acq: 2 Apr 2019 9:46

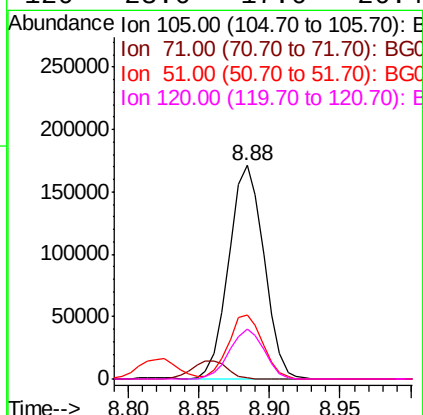
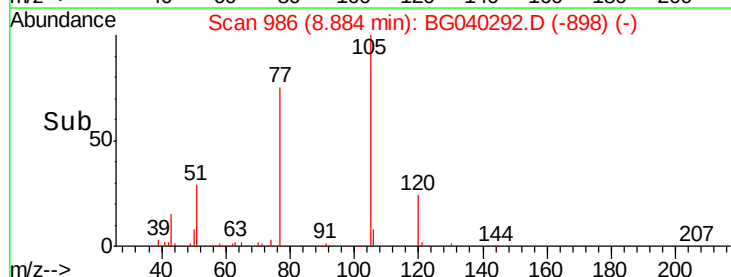
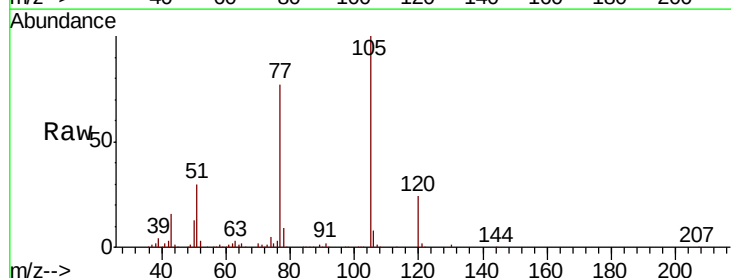
Instrument :
BNA_G
ClientSampleId :
NB-08-032919-AMS

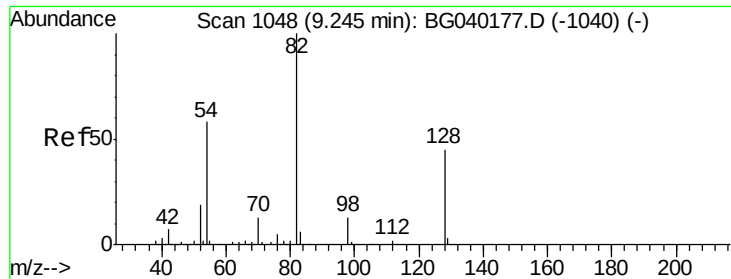
Tot Ion:136	Resp:	252484
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.9 13.3
54	10.1	9.6 14.4
68	6.2	5.1 7.7



#22
Acetophenone
Concen: 47.140 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.01 min
Lab File: BG040292.D
Acq: 2 Apr 2019 9:46

Tgt Ion:105	Resp:	296894
Ion	Ratio	Lower Upper
105	100	
71	0.6	0.6 1.0#
51	30.1	25.1 37.7
120	23.6	17.6 26.4

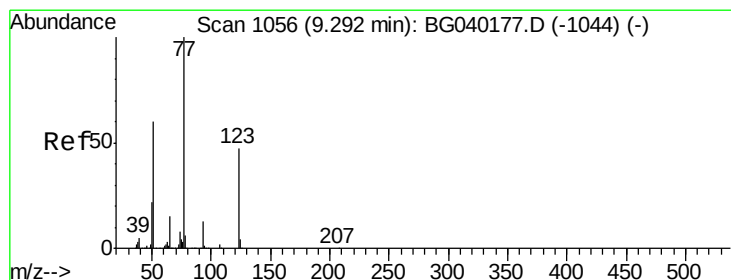
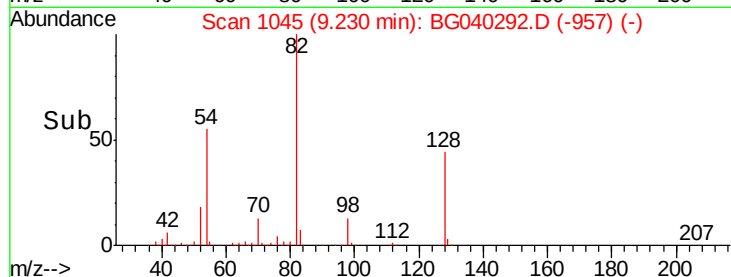
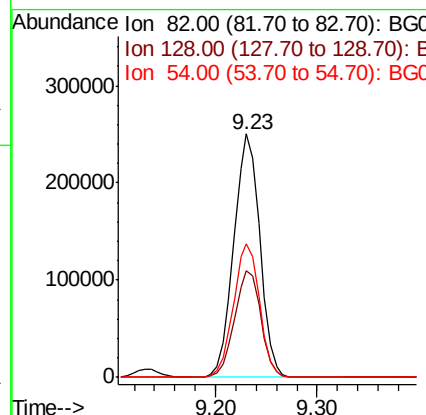
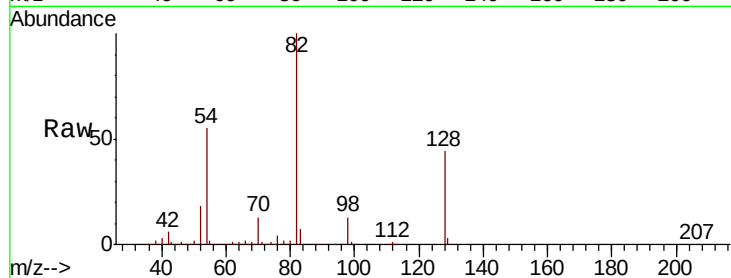




#23
 Nitrobenzene-d5
 Concen: 94.001 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG040292.D
 Acq: 2 Apr 2019 9:46

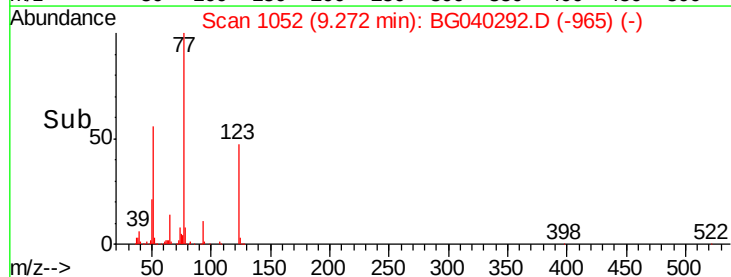
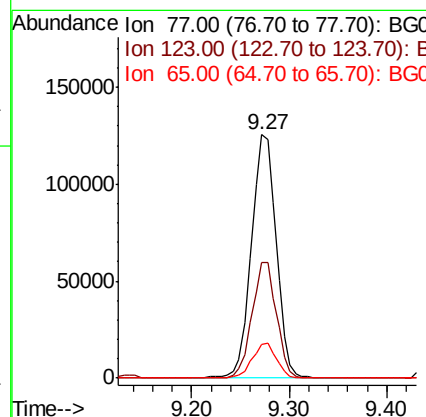
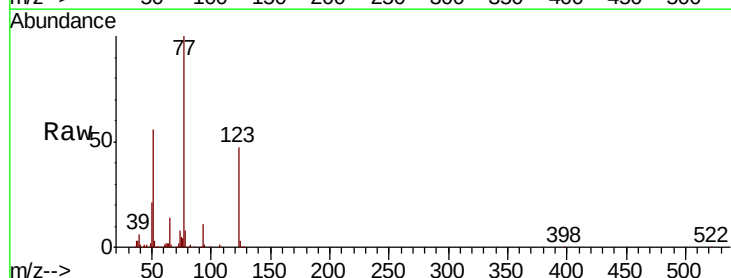
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-032919-AMS

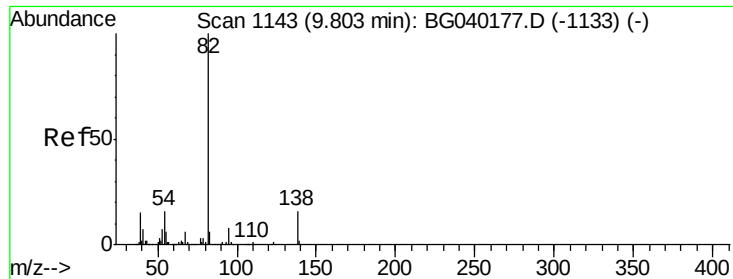
Tot Ion	82	Resp	446513
Ion Ratio	Lower	Upper	
82	100		
128	44.0	35.8	53.8
54	54.6	46.2	69.2



#24
 Nitrobenzene
 Concen: 45.234 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. -0.02 min
 Lab File: BG040292.D
 Acq: 2 Apr 2019 9:46

Tgt Ion	77	Resp	222498
Ion Ratio	Lower	Upper	
77	100		
123	47.4	37.8	56.6
65	13.7	12.0	18.0





#25

Isophorone

Concen: 46.291 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

Instrument :

BNA_G

ClientSampleId :

NB-08-032919-AMS

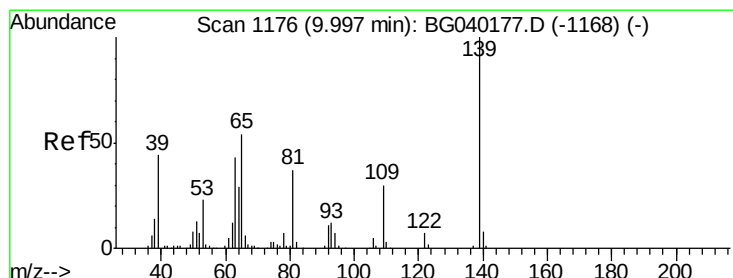
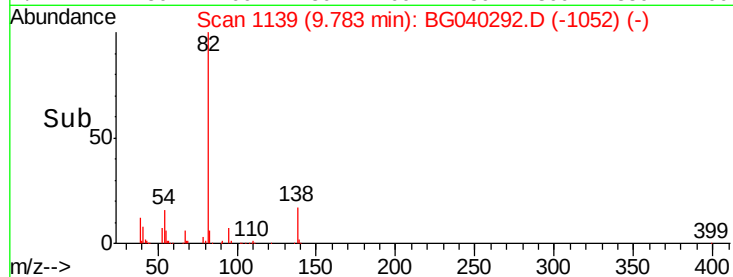
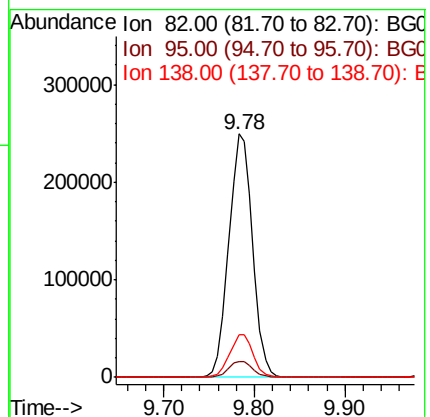
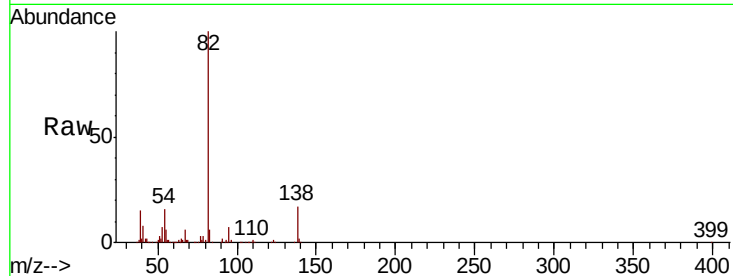
Tot Ion: 82 Resp: 452436

Ion Ratio Lower Upper

82 100

95 6.6 6.1 9.1

138 17.3 13.2 19.8



#26

2-Nitrophenol

Concen: 46.959 ng

RT: 9.98 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

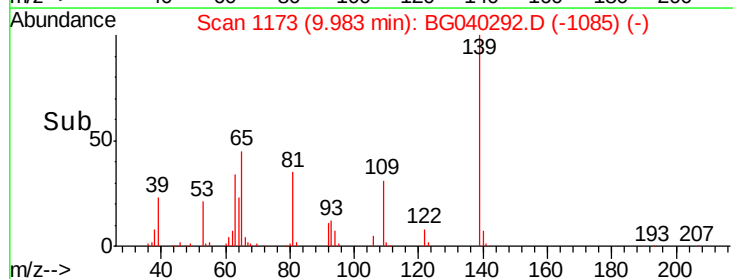
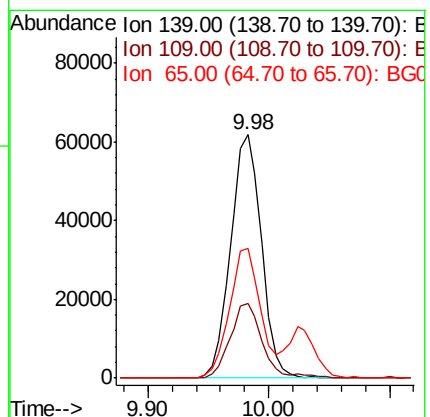
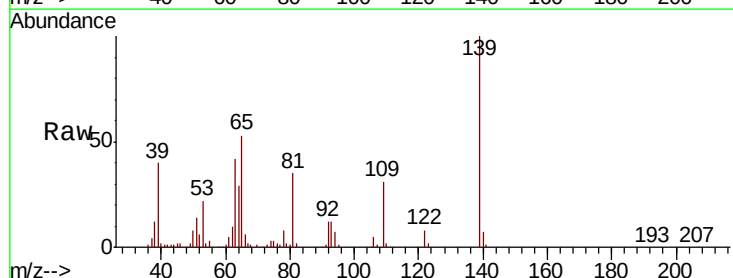
Tgt Ion: 139 Resp: 109449

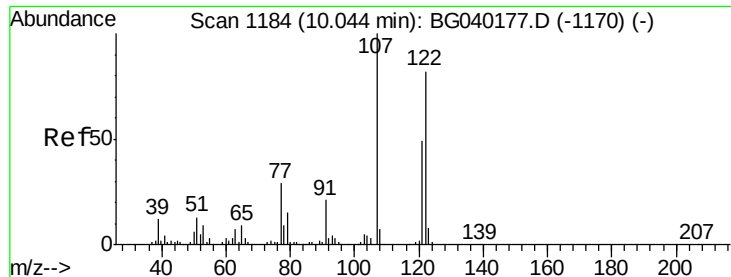
Ion Ratio Lower Upper

139 100

109 30.8 24.1 36.1

65 53.4 43.0 64.6

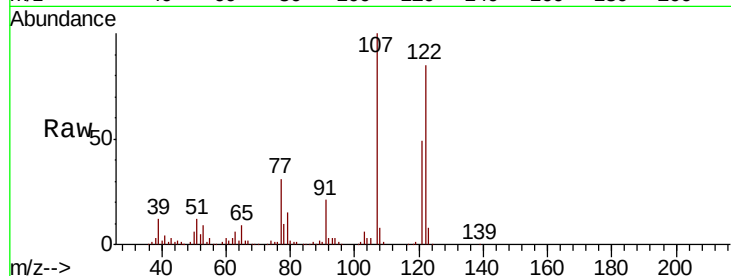




#27
 2,4-Dimethylphenol
 Concen: 56.314 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BG040292.D
 Acq: 2 Apr 2019 9:46

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-032919-AMS

Tot Ion	122	Resp	208489
Ion Ratio	Lower	Upper	
122	100		
107	117.7	97.4	146.2
121	58.1	47.7	71.5

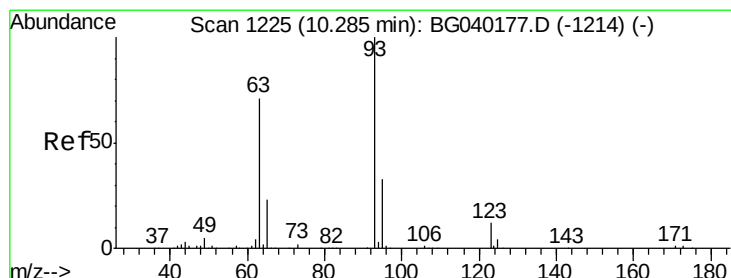
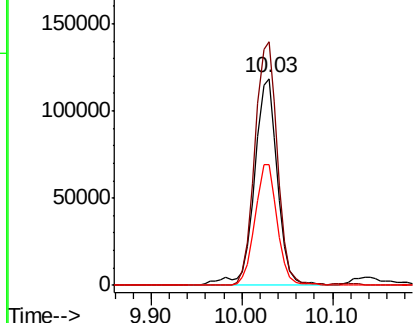
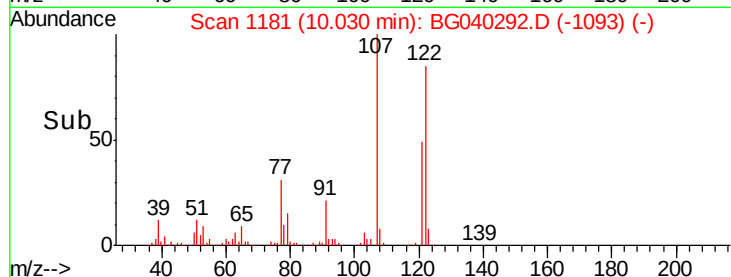


Abundance

Ion 122.00 (121.70 to 122.70): E

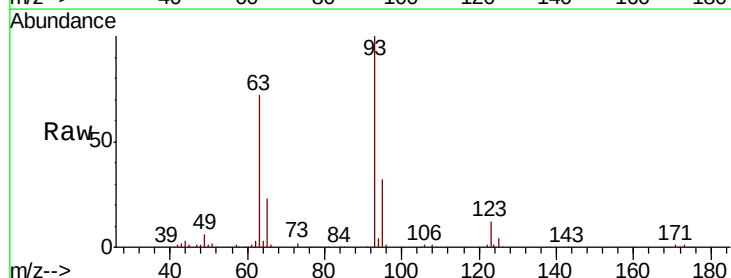
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.064 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BG040292.D
 Acq: 2 Apr 2019 9:46

Tgt Ion	93	Resp	266361
Ion Ratio	Lower	Upper	
93	100		
95	31.8	26.2	39.4
123	12.0	9.4	14.0

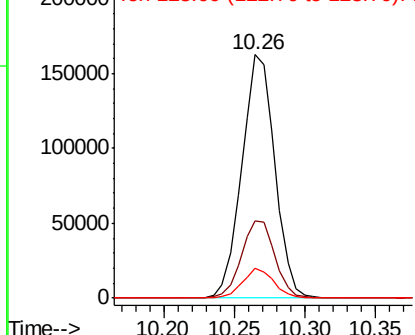
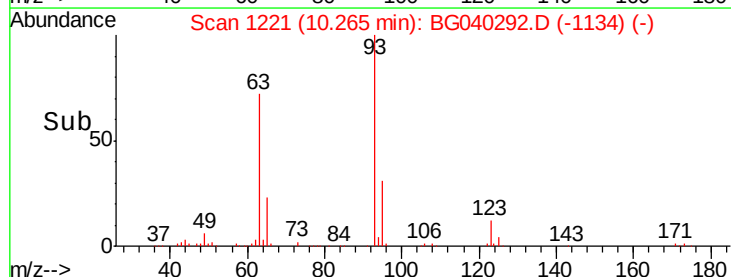


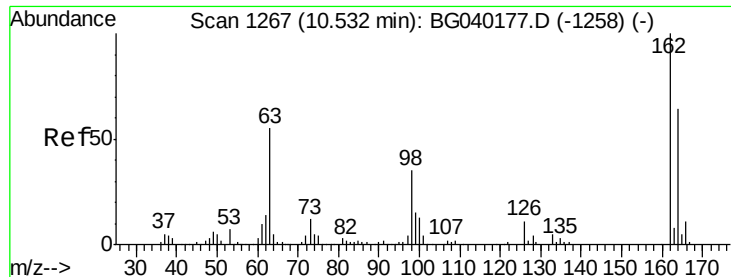
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

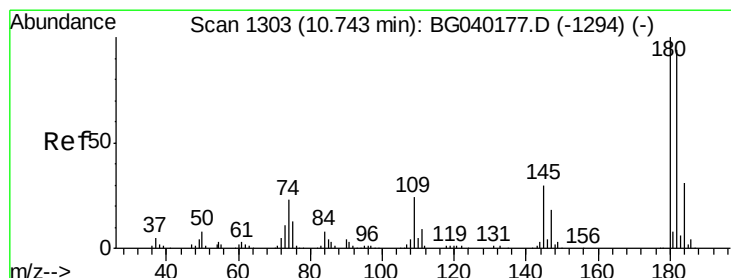
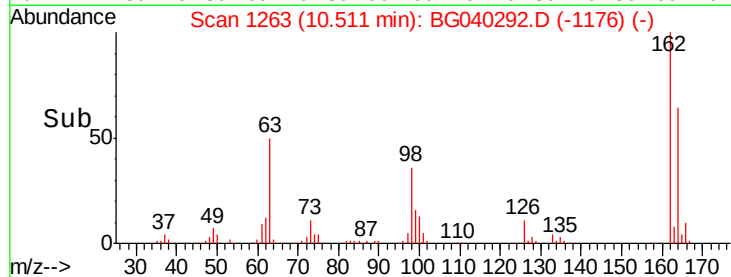
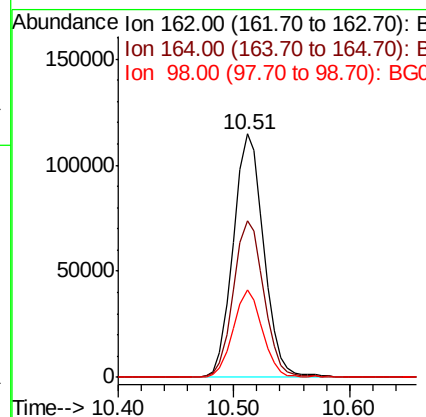
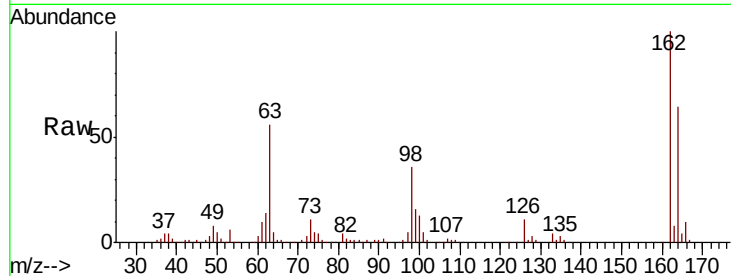




#29
 2,4-Dichlorophenol
 Concen: 52.213 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. -0.02 min
 Lab File: BG040292.D
 Acq: 2 Apr 2019 9:46

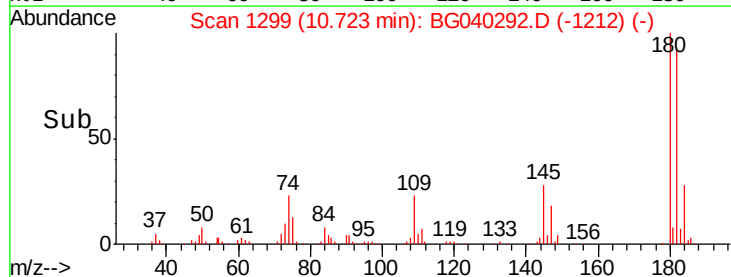
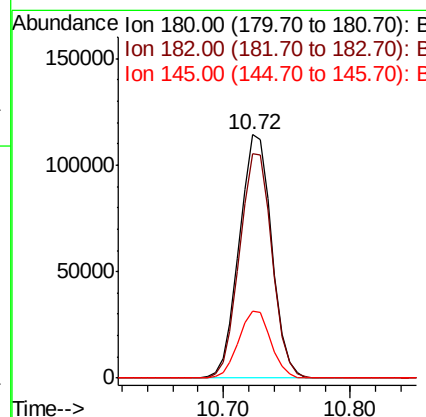
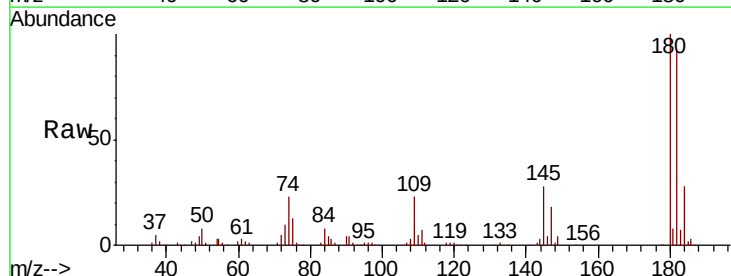
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-032919-AMS

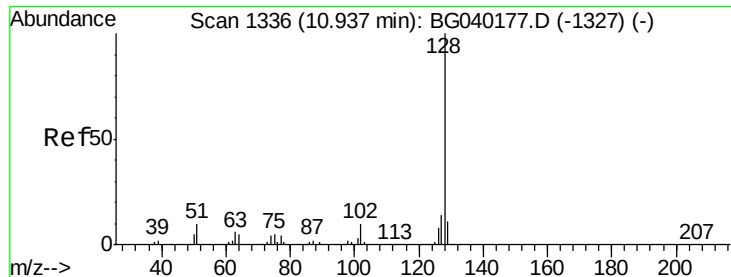
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.9	83.9
98	36.1	15.6	55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 45.730 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BG040292.D
 Acq: 2 Apr 2019 9:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.0	75.1	112.7
145	27.5	24.1	36.1

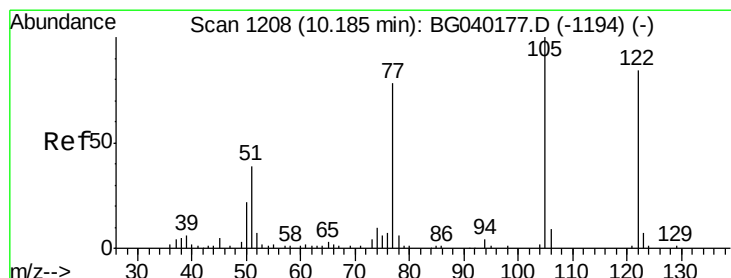
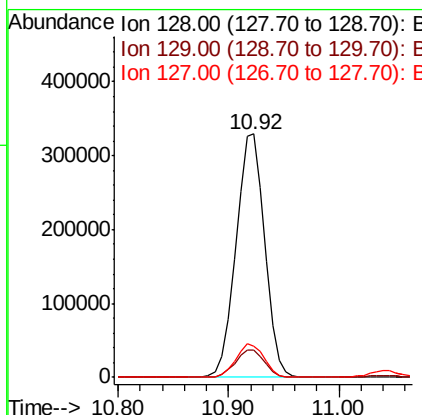
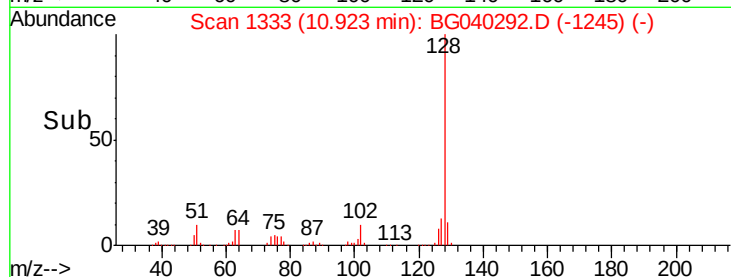
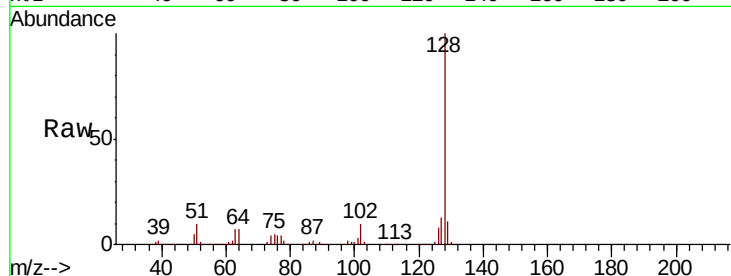




#31
Naphthalene
Concen: 46.393 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BG040292.D
Acq: 2 Apr 2019 9:46

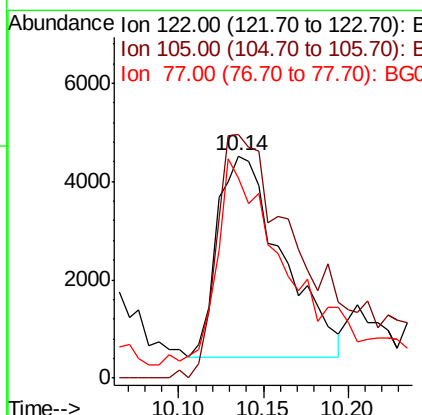
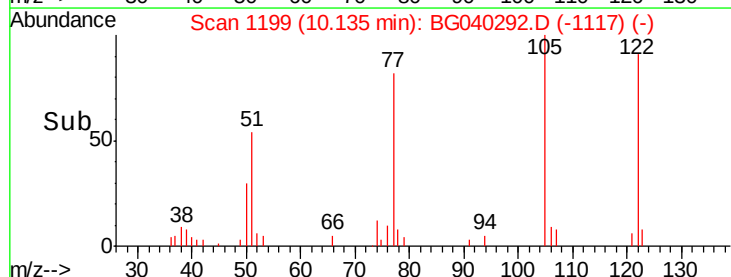
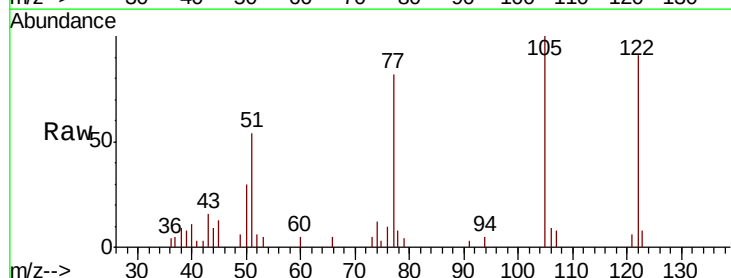
Instrument :
BNA_G
ClientSampleId :
NB-08-032919-AMS

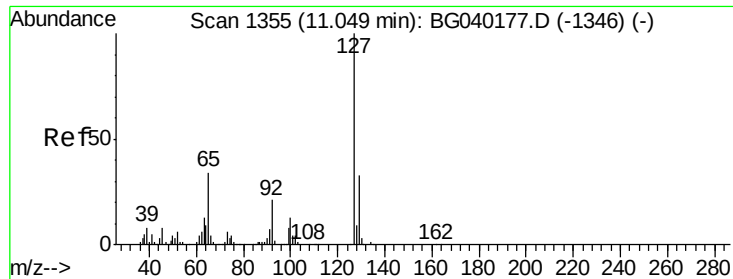
Tot Ion:128 Resp: 600396
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 12.7 11.4 17.0



#32
Benzoic acid
Concen: 4.882 ng
RT: 10.14 min Scan# 1199
Delta R.T. -0.05 min
Lab File: BG040292.D
Acq: 2 Apr 2019 9:46

Tgt Ion:122 Resp: 10921
Ion Ratio Lower Upper
122 100
105 109.5 98.2 138.2
77 89.8 73.6 113.6

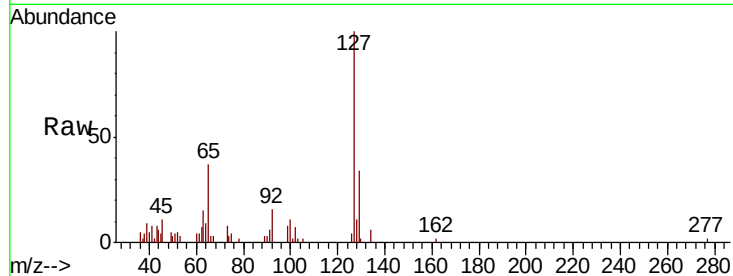




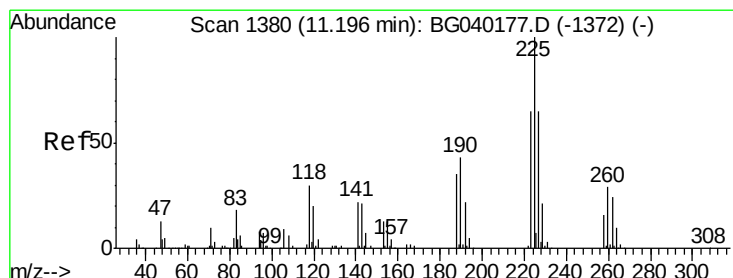
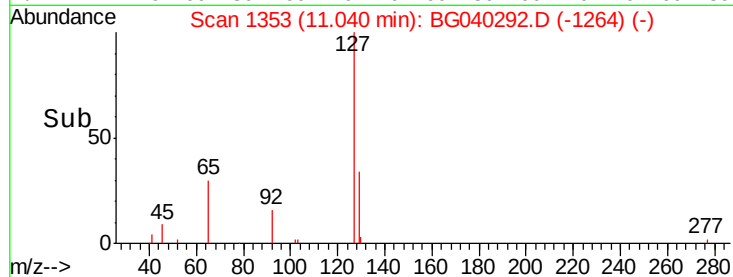
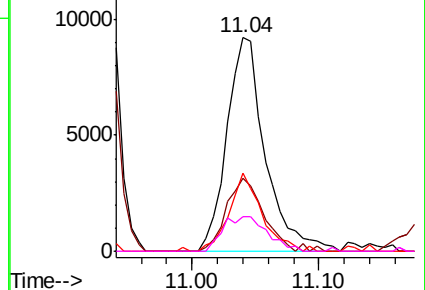
#33
4-Chloroaniline
Concen: 3.485 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG040292.D
Acq: 2 Apr 2019 9:46

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-AMS

Tot Ion:127	Resp:	19241
Ion Ratio	Lower	Upper
127	100	
129	34.3	26.6 40.0
65	36.7	27.0 40.4
92	16.5	16.6 25.0#

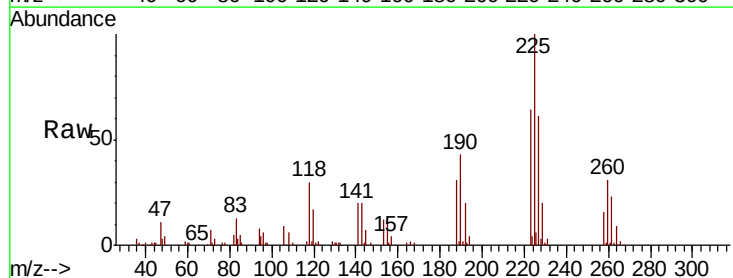


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

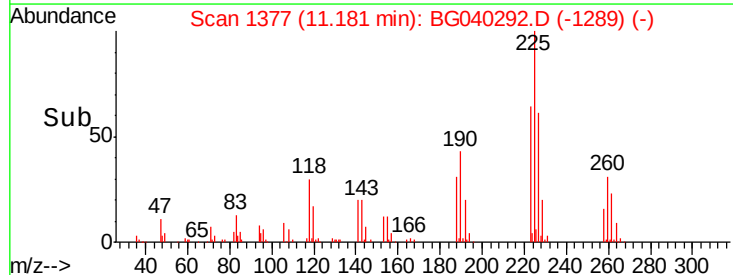
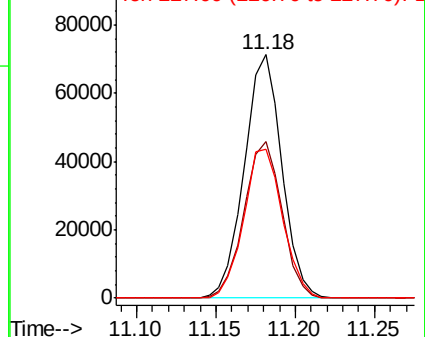


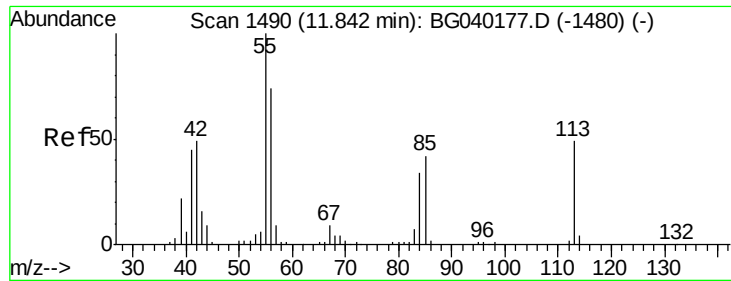
#34
Hexachlorobutadiene
Concen: 41.596 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BG040292.D
Acq: 2 Apr 2019 9:46

Tgt Ion:225	Resp:	117385
Ion Ratio	Lower	Upper
225	100	
223	64.3	51.8 77.8
227	61.4	54.9 82.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 22.855 ng

RT: 11.82 min Scan# 1486

Delta R.T. -0.02 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

Instrument :

BNA_G

ClientSampleId :

NB-08-032919-AMS

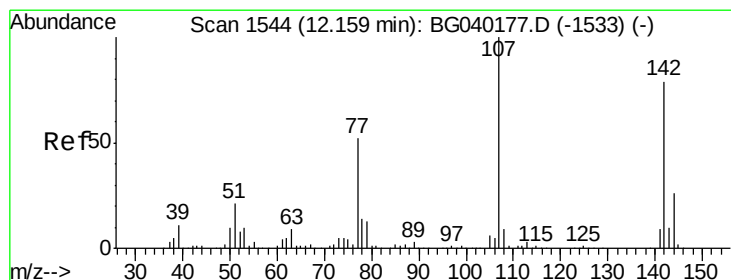
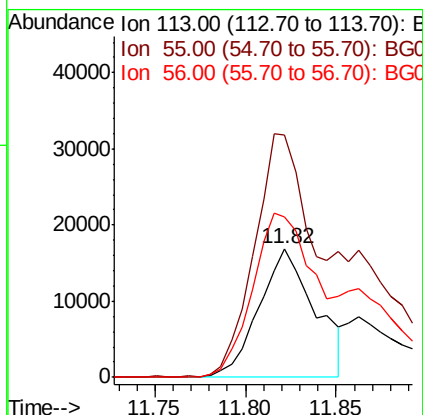
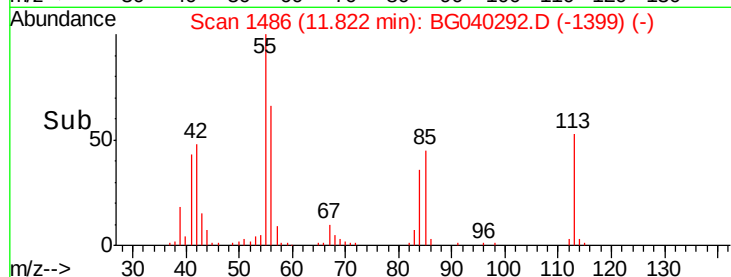
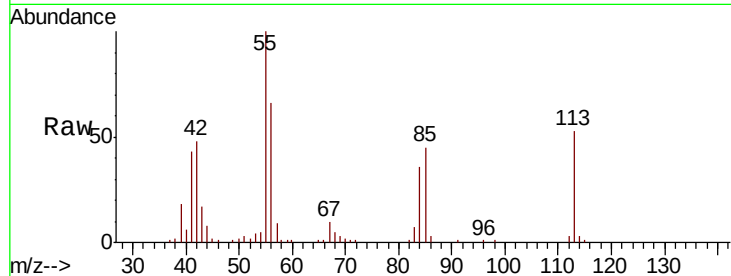
Tot Ion:113 Resp: 36448

Ion Ratio Lower Upper

113 100

55 188.0 184.2 224.2

56 124.5 131.3 171.3#



#36

4-Chloro-3-methylphenol

Concen: 53.314 ng

RT: 12.14 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

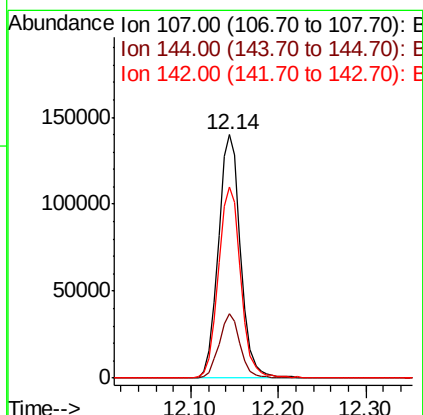
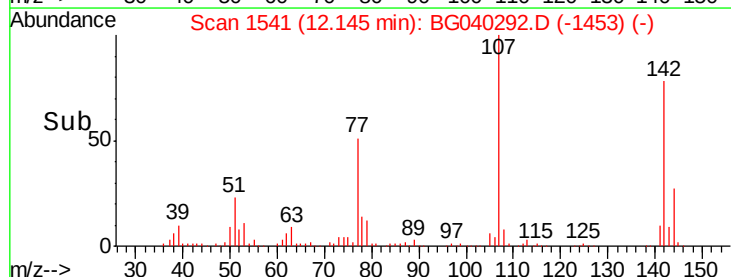
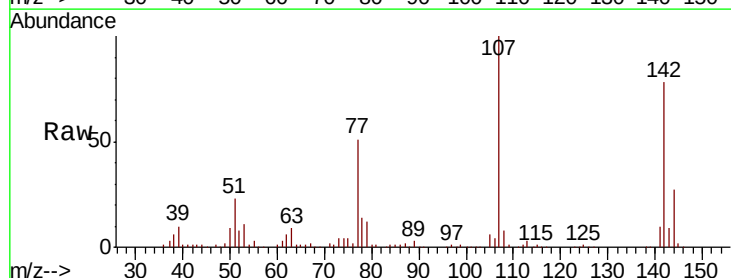
Tgt Ion:107 Resp: 246300

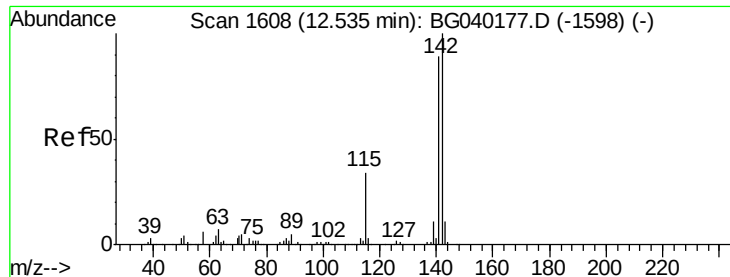
Ion Ratio Lower Upper

107 100

144 26.5 20.5 30.7

142 78.3 63.1 94.7

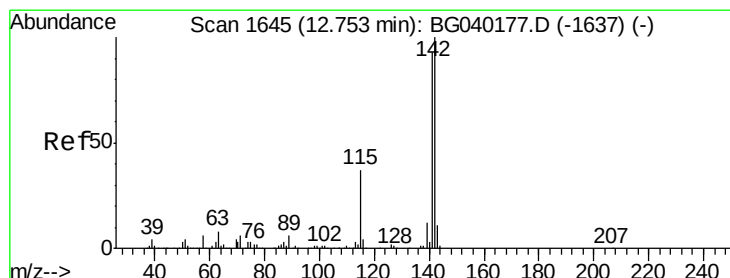
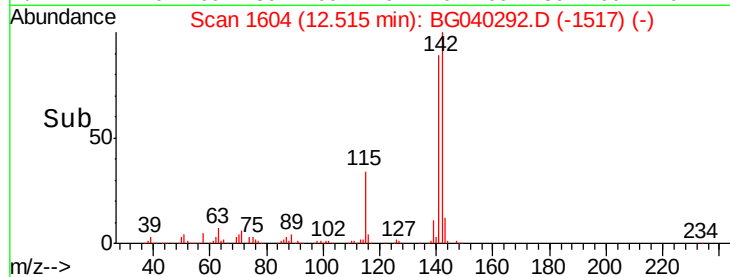
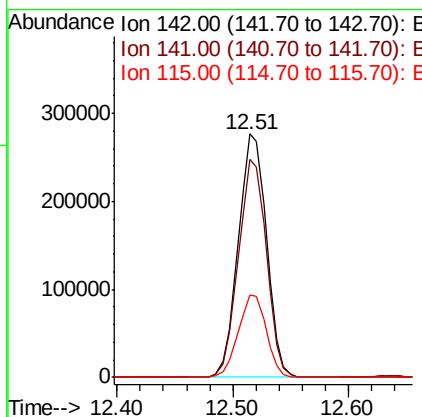
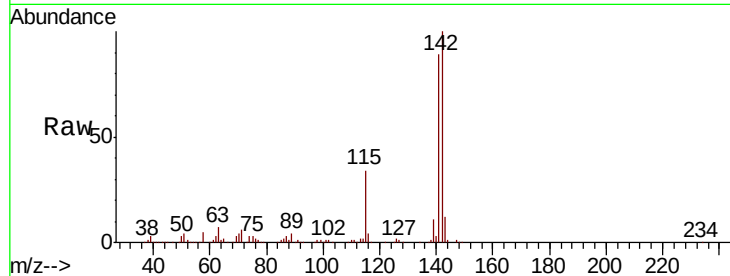




#37
2-Methylnaphthalene
Concen: 48.931 ng
RT: 12.51 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BG040292.D
Acq: 2 Apr 2019 9:46

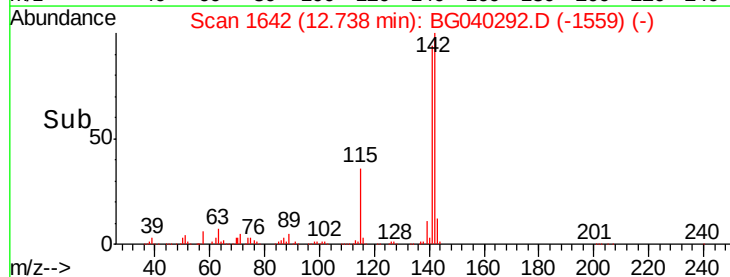
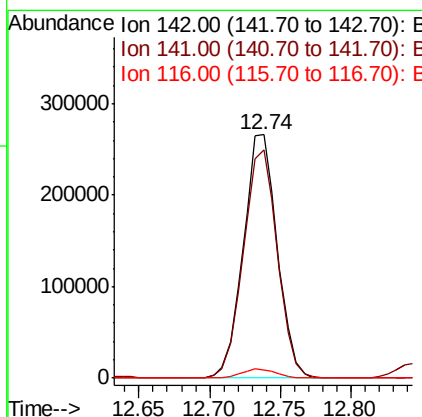
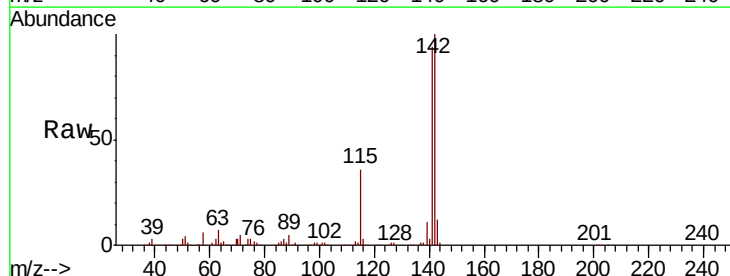
Instrument :
BNA_G
ClientSampleId :
NB-08-032919-AMS

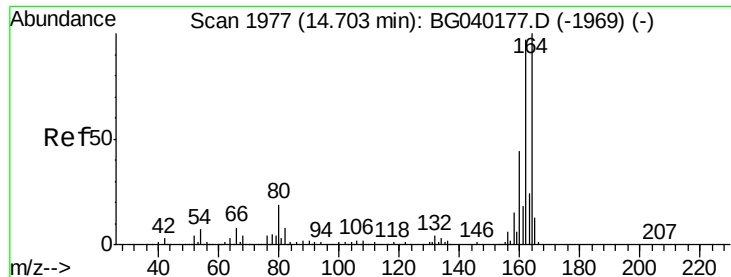
Tot Ion:142 Resp: 468343
Ion Ratio Lower Upper
142 100
141 89.4 71.0 106.6
115 34.1 27.3 40.9



#38
1-Methylnaphthalene
Concen: 48.221 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BG040292.D
Acq: 2 Apr 2019 9:46

Tgt Ion:142 Resp: 447558
Ion Ratio Lower Upper
142 100
141 93.6 74.2 111.4
116 3.5 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

Instrument :

BNA_G

ClientSampleId :

NB-08-032919-AMS

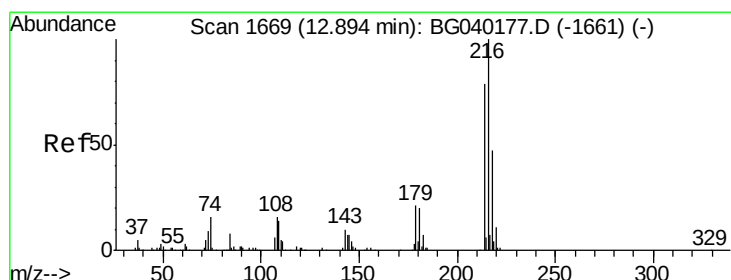
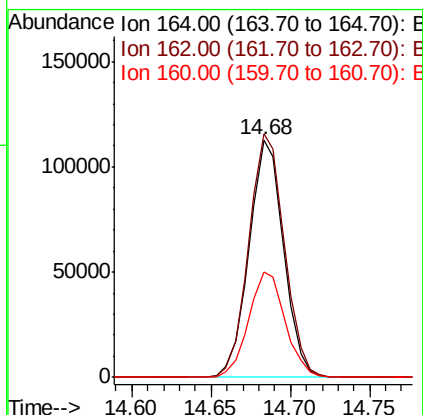
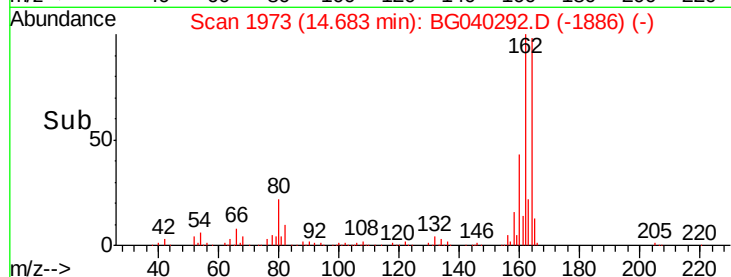
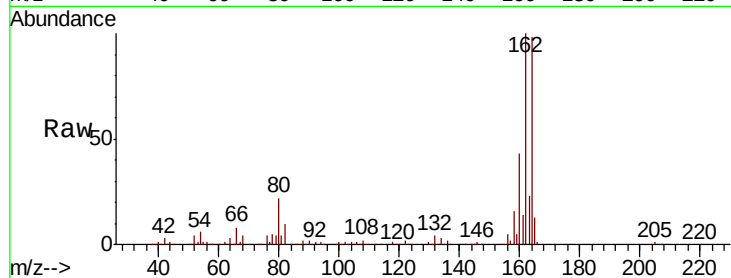
Tot Ion:164 Resp: 170616

Ion Ratio Lower Upper

164 100

162 102.5 77.4 116.2

160 44.5 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.823 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

Tgt Ion:216 Resp: 243064

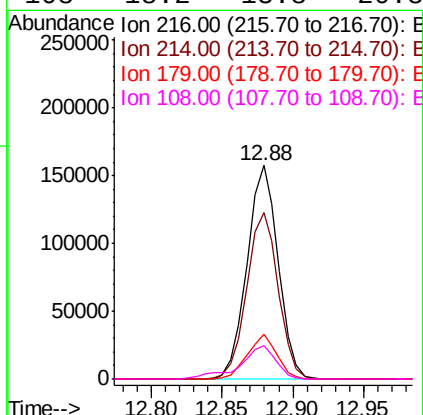
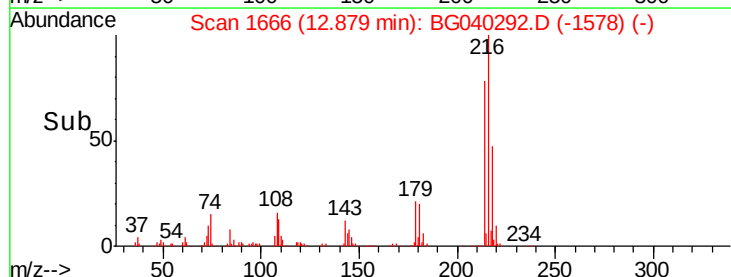
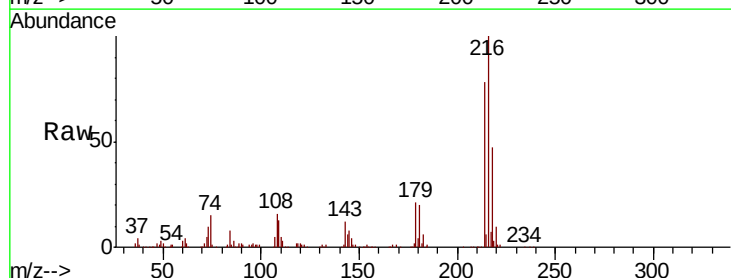
Ion Ratio Lower Upper

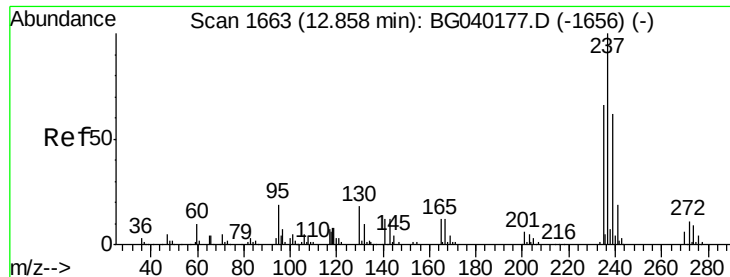
216 100

214 78.8 63.5 95.3

179 19.8 16.6 25.0

108 18.2 13.8 20.8





#41

Hexachlorocyclopentadiene

Concen: 77.073 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.01 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

Instrument :

BNA_G

ClientSampleId :

NB-08-032919-AMS

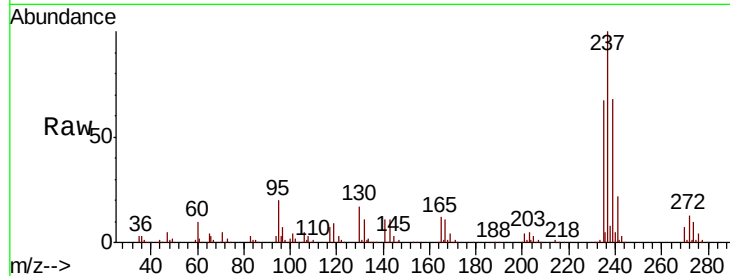
Tot Ion:237 Resp: 229484

Ion Ratio Lower Upper

237 100

235 66.7 46.2 86.2

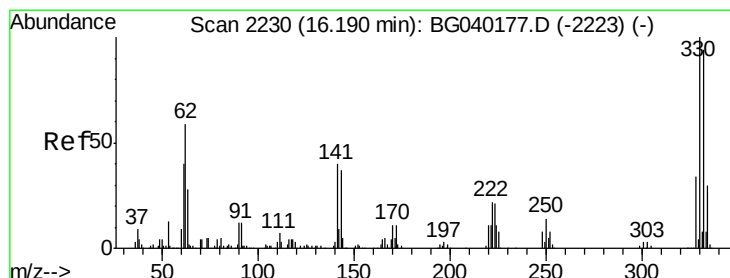
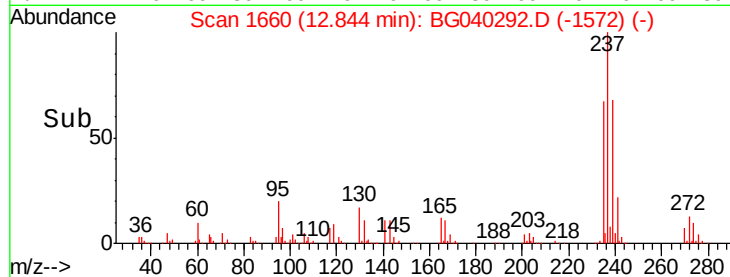
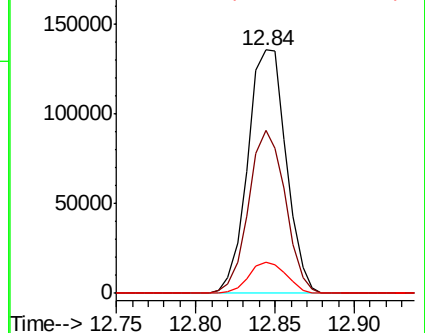
272 13.0 0.0 30.5



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: 166.000 ng

RT: 16.18 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

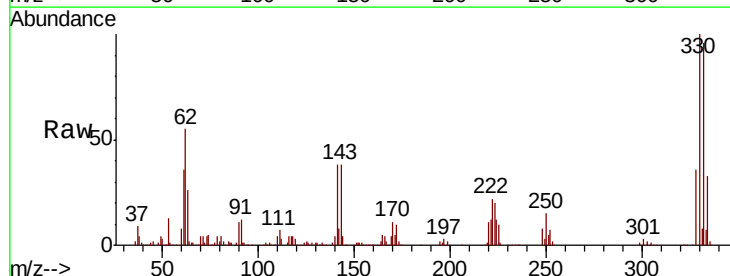
Tgt Ion:330 Resp: 306090

Ion Ratio Lower Upper

330 100

332 97.7 76.6 115.0

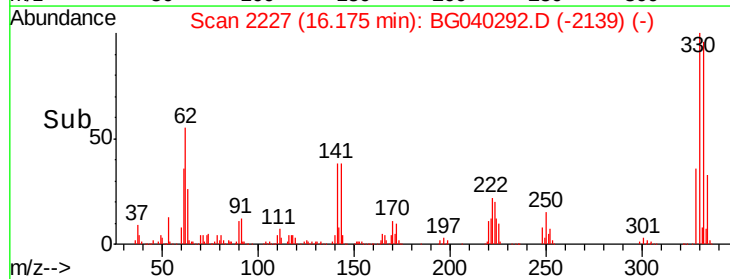
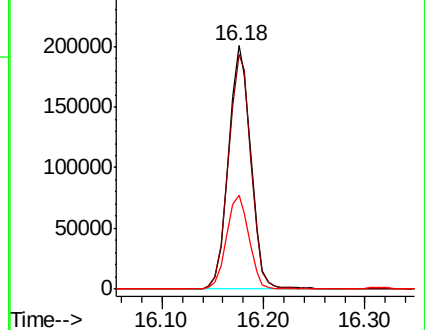
141 38.5 32.6 48.8

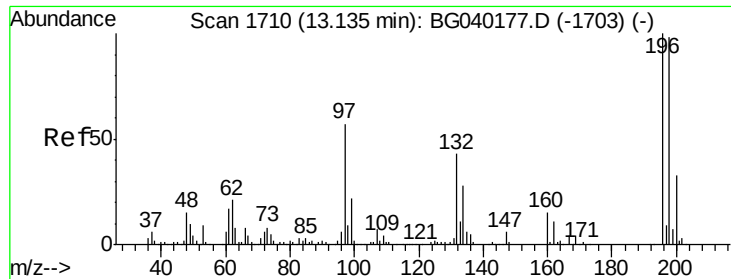


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

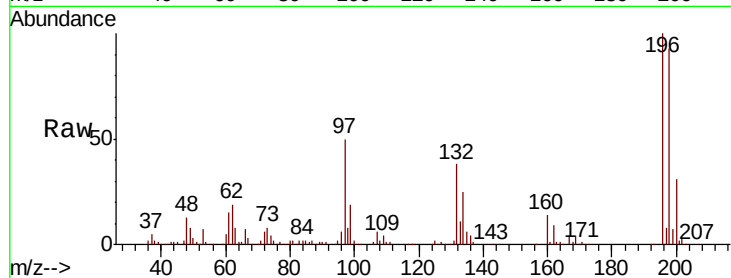




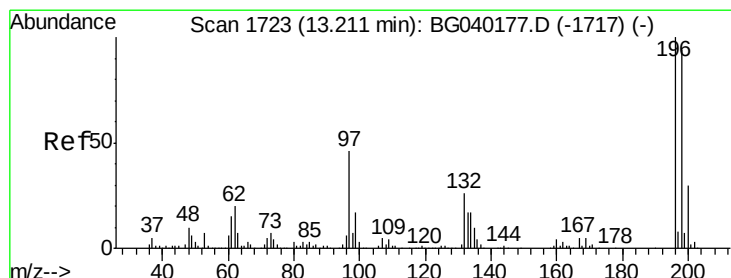
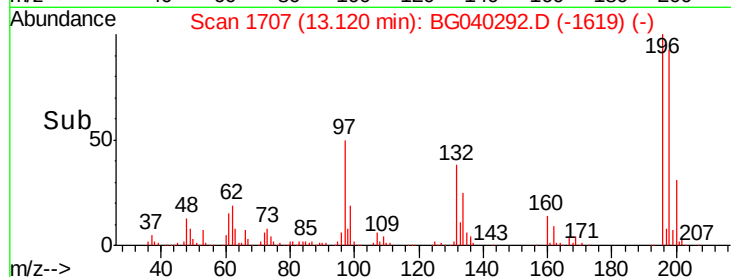
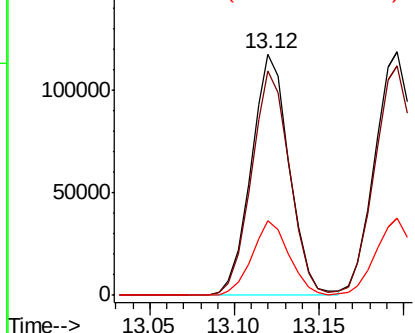
#43
 2,4,6-Trichlorophenol
 Concen: 52.368 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG040292.D
 Acq: 2 Apr 2019 9:46

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-032919-AMS

Tot Ion:196 Resp: 183090
 Ion Ratio Lower Upper
 196 100
 198 92.9 78.3 117.5
 200 30.7 26.0 39.0

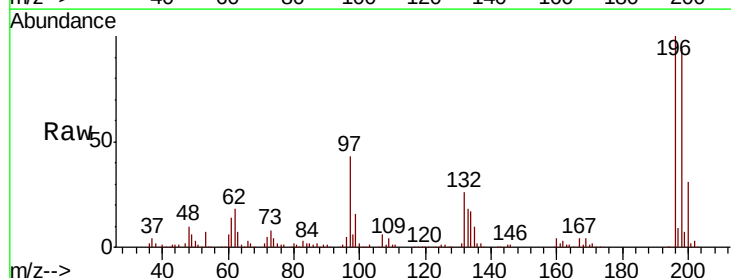


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

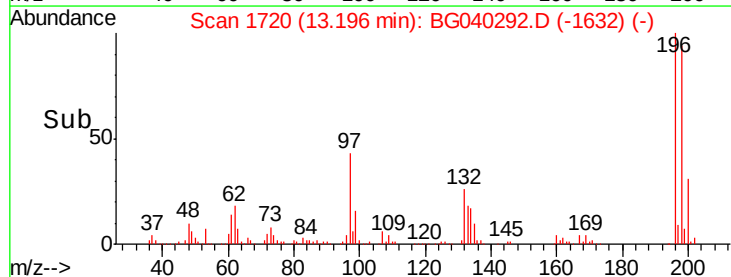
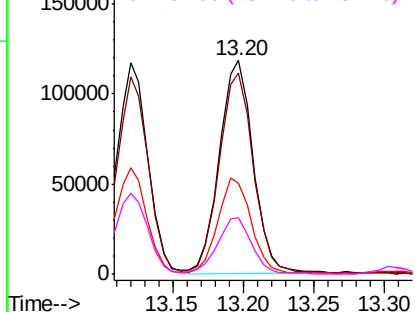


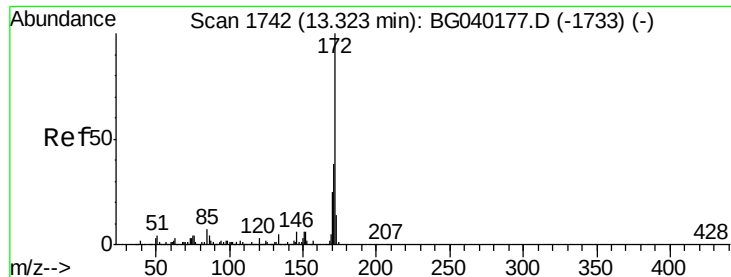
#44
 2,4,5-Trichlorophenol
 Concen: 51.410 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG040292.D
 Acq: 2 Apr 2019 9:46

Tgt Ion:196 Resp: 195914
 Ion Ratio Lower Upper
 196 100
 198 94.2 75.0 112.6
 97 42.6 37.3 55.9
 132 26.2 20.9 31.3



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

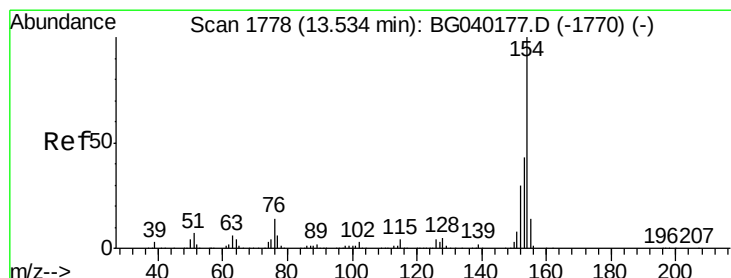
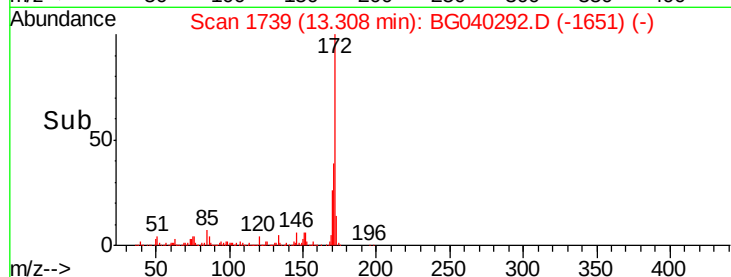
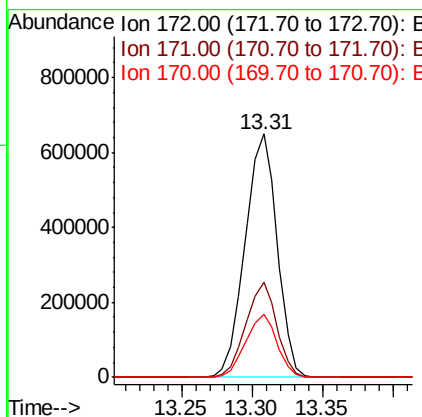
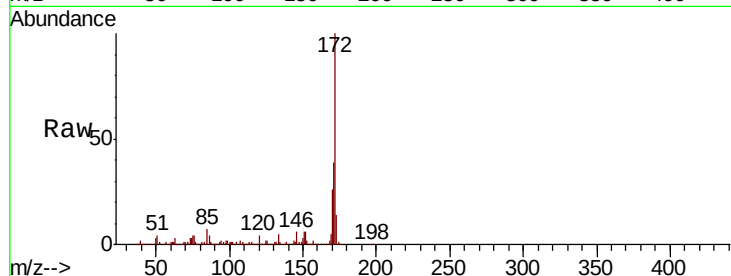




#45
2-Fluorobiphenyl
Concen: 89.756 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG040292.D
Acq: 2 Apr 2019 9:46

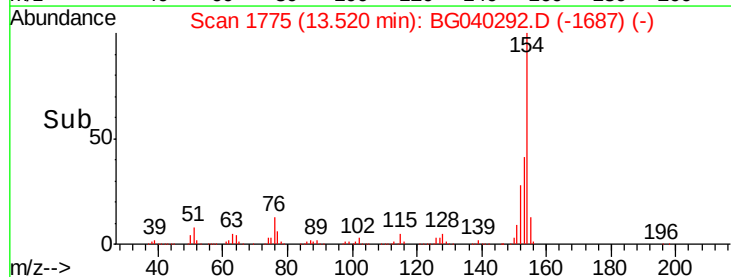
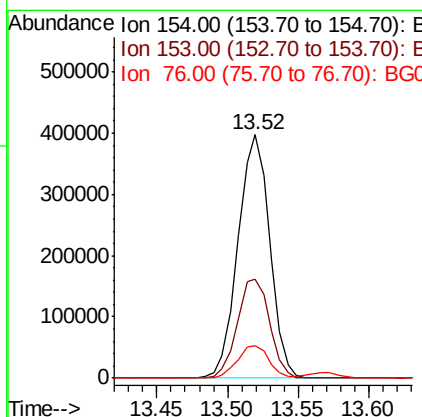
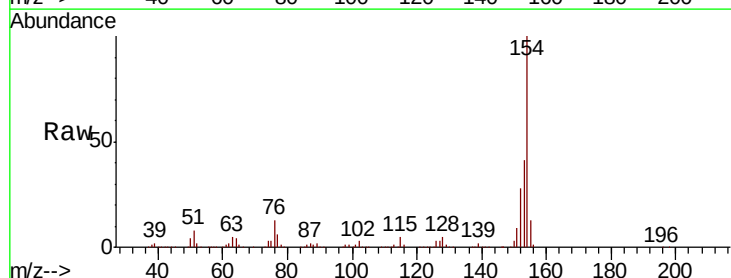
Instrument :
BNA_G
ClientSampleId :
NB-08-032919-AMS

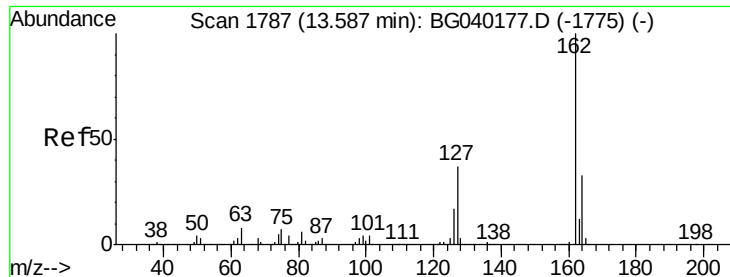
Tot Ion:172 Resp: 1033487
Ion Ratio Lower Upper
172 100
171 38.9 30.5 45.7
170 25.9 20.1 30.1



#46
1,1'-Biphenyl
Concen: 46.147 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BG040292.D
Acq: 2 Apr 2019 9:46

Tgt Ion:154 Resp: 622107
Ion Ratio Lower Upper
154 100
153 40.7 22.5 62.5
76 13.4 0.0 33.7

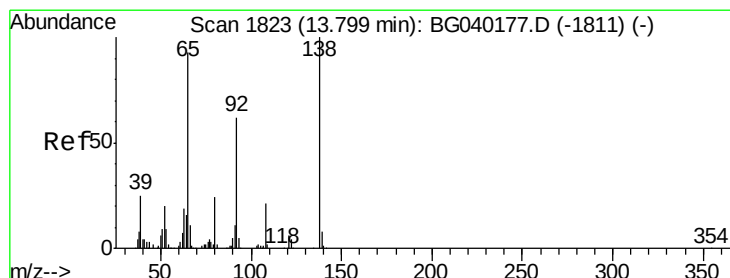
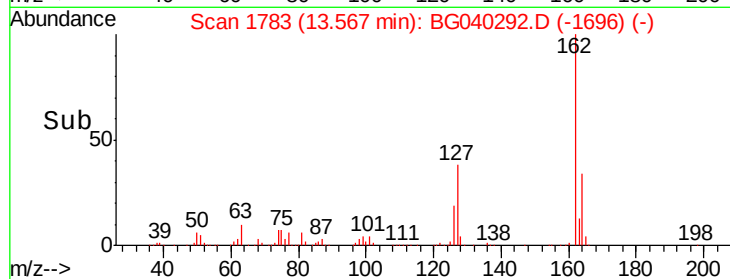
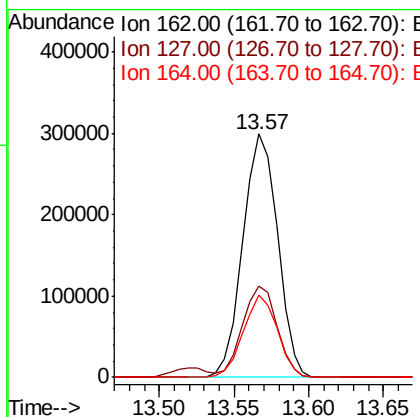
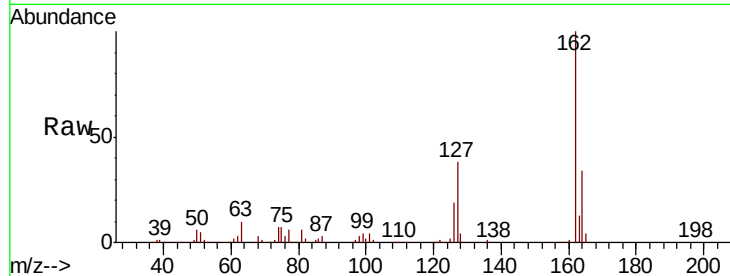




#47
 2-Chloronaphthalene
 Concen: 46.624 ng
 RT: 13.57 min Scan# 1783
 Delta R.T. -0.02 min
 Lab File: BG040292.D
 Acq: 2 Apr 2019 9:46

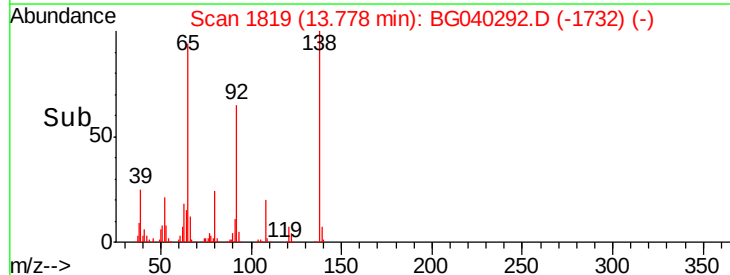
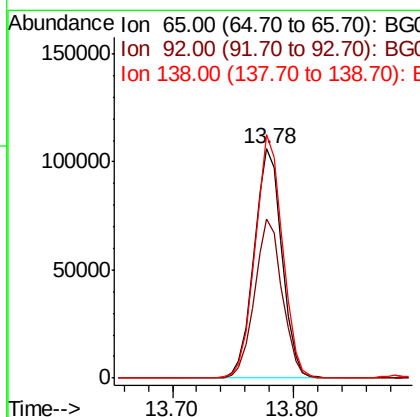
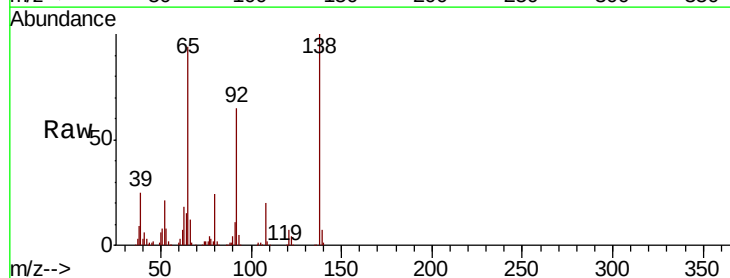
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-032919-AMS

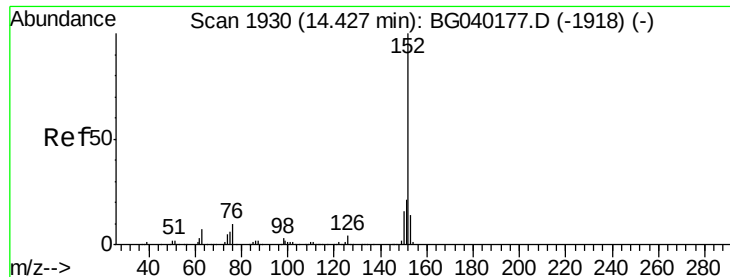
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.7	30.6	45.8
164	33.7	26.2	39.4



#48
 2-Nitroaniline
 Concen: 48.666 ng
 RT: 13.78 min Scan# 1819
 Delta R.T. -0.02 min
 Lab File: BG040292.D
 Acq: 2 Apr 2019 9:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.3	53.8	80.6
138	106.1	86.3	129.5





#49

Acenaphthylene

Concen: 46.270 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

Instrument :

BNA_G

ClientSampleId :

NB-08-032919-AMS

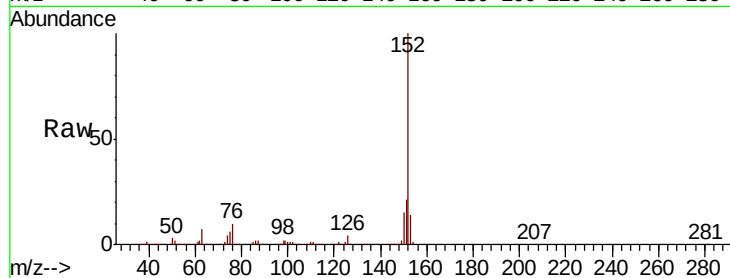
Tot Ion:152 Resp: 811229

Ion Ratio Lower Upper

152 100

151 21.1 17.0 25.6

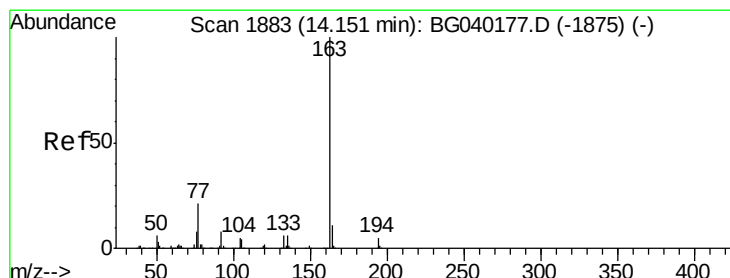
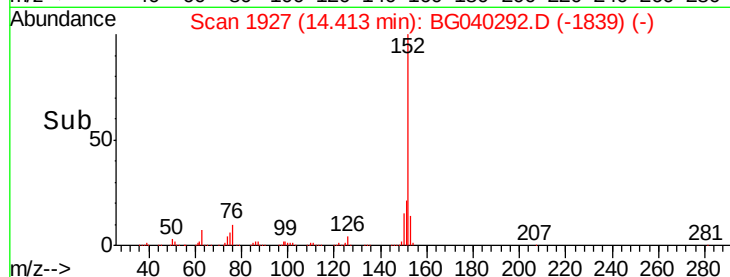
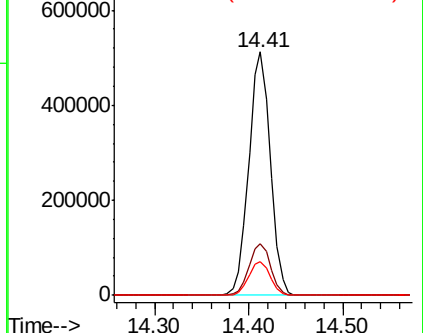
153 13.8 10.8 16.2



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: 48.181 ng

RT: 14.14 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

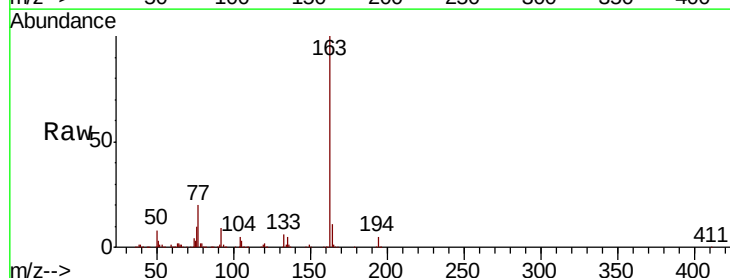
Tgt Ion:163 Resp: 643366

Ion Ratio Lower Upper

163 100

194 4.9 4.1 6.1

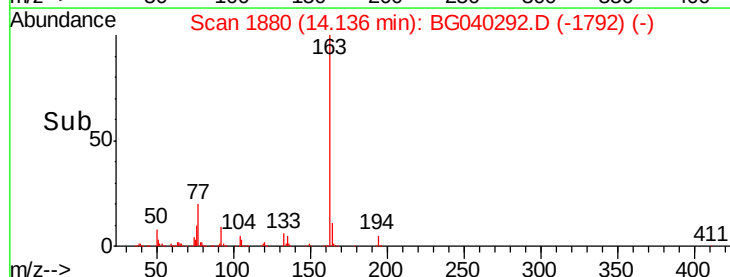
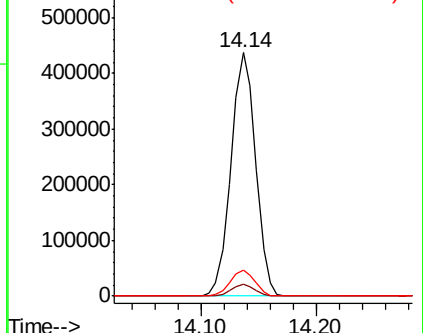
164 10.9 8.6 13.0

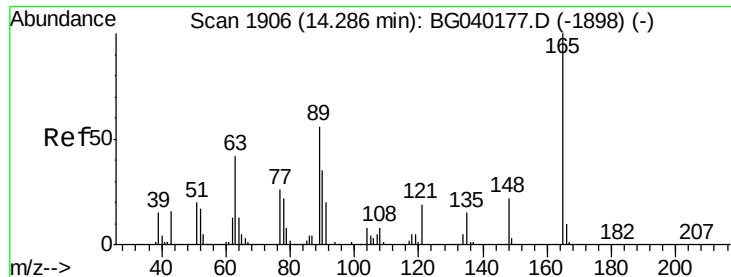


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 49.565 ng

RT: 14.27 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

Instrument :

BNA_G

ClientSampleId :

NB-08-032919-AMS

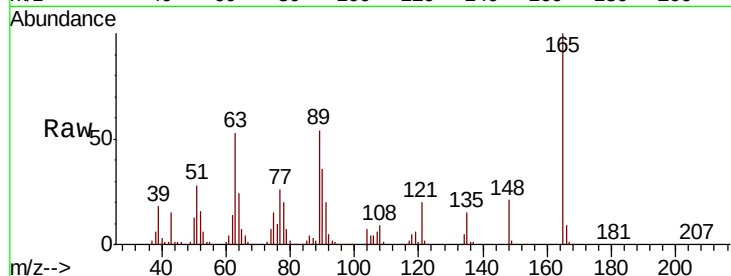
Tot Ion:165 Resp: 148609

Ion Ratio Lower Upper

165 100

63 52.8 44.1 66.1

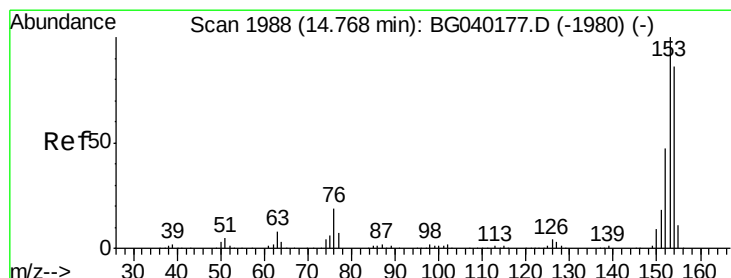
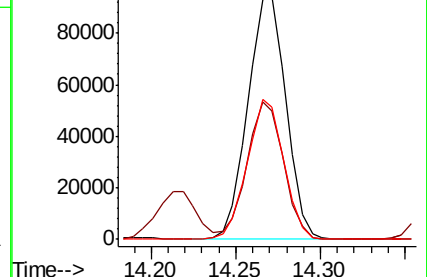
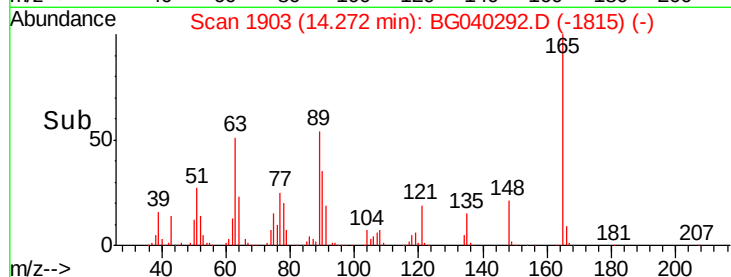
89 54.4 44.9 67.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 47.792 ng

RT: 14.75 min Scan# 1984

Delta R.T. -0.02 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

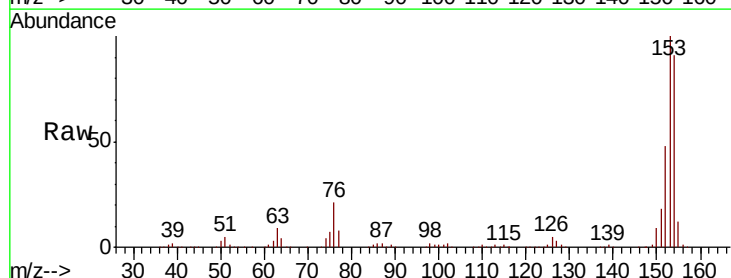
Tgt Ion:154 Resp: 480135

Ion Ratio Lower Upper

154 100

153 110.5 92.8 139.2

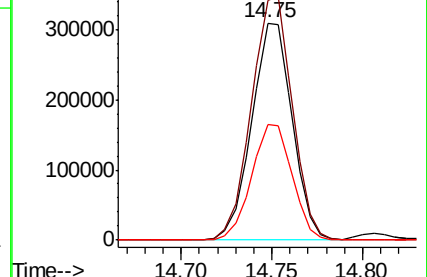
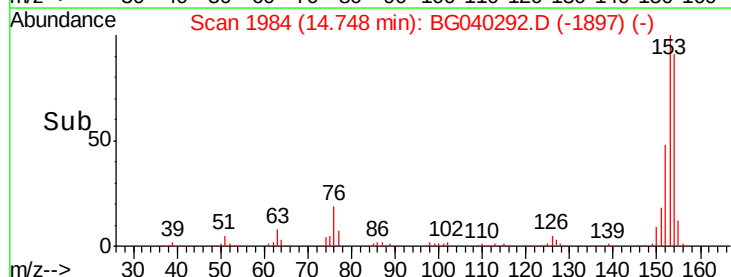
152 53.3 43.4 65.2

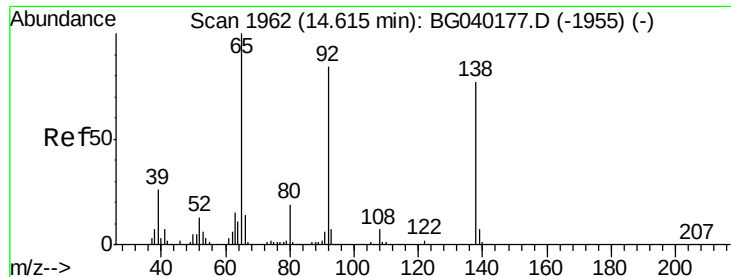


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 13.881 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

Instrument :

BNA_G

ClientSampleId :

NB-08-032919-AMS

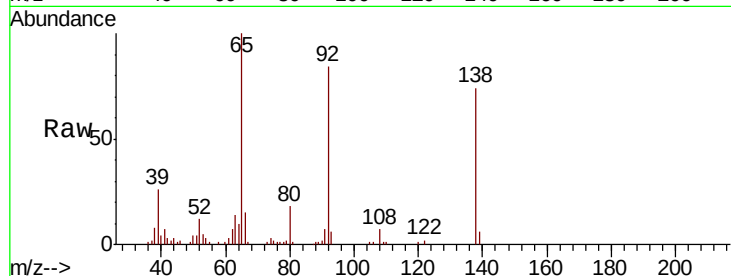
Tot Ion:138 Resp: 44056

Ion Ratio Lower Upper

138 100

108 9.4 7.8 11.8

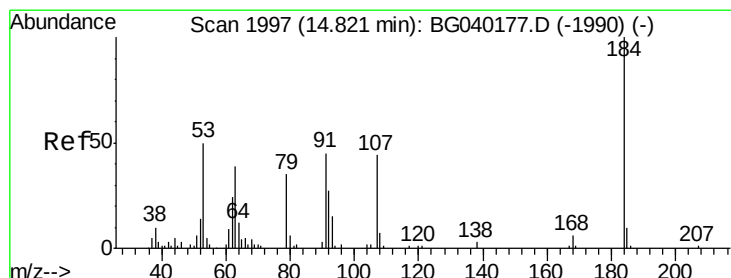
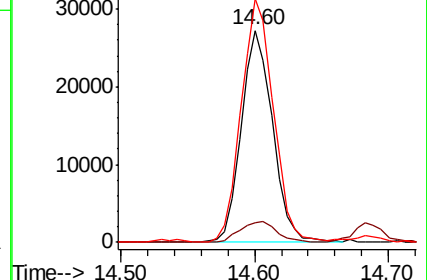
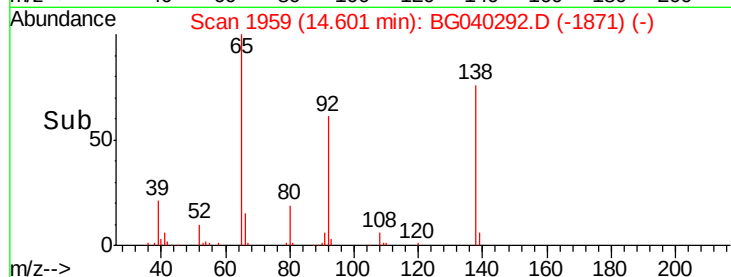
92 114.7 87.5 131.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 16.544 ng

RT: 14.81 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

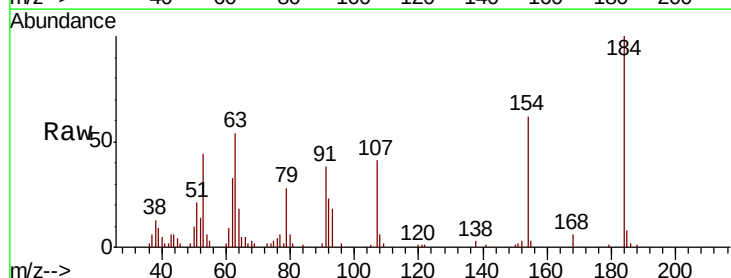
Tgt Ion:184 Resp: 26380

Ion Ratio Lower Upper

184 100

63 53.6 51.8 77.8

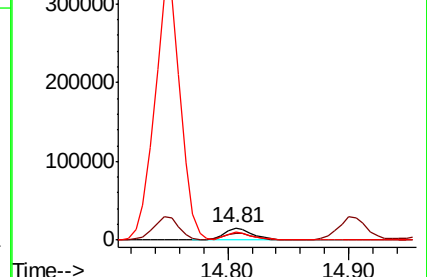
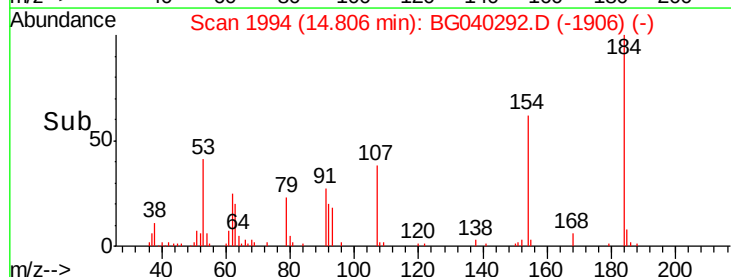
154 62.0 50.9 76.3

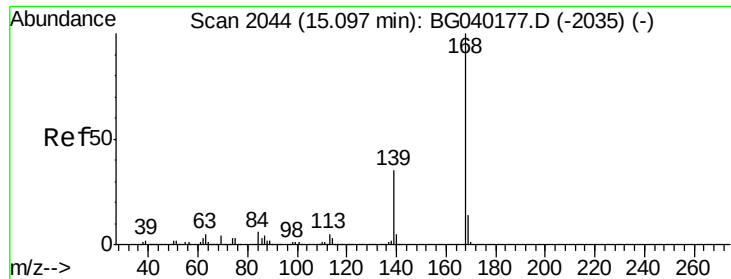


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 48.849 ng

RT: 15.08 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

Instrument :

BNA_G

ClientSampleId :

NB-08-032919-AMS

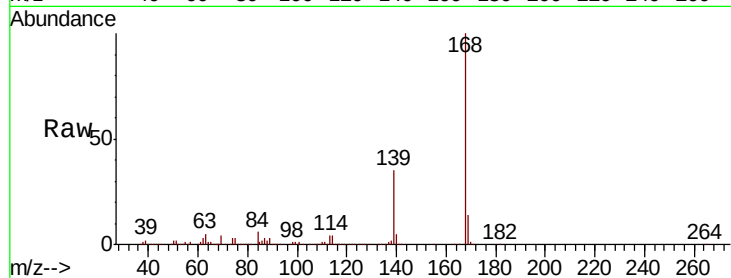
Tot Ion:168 Resp: 788565

Ion Ratio Lower Upper

168 100

139 34.7 27.9 41.9

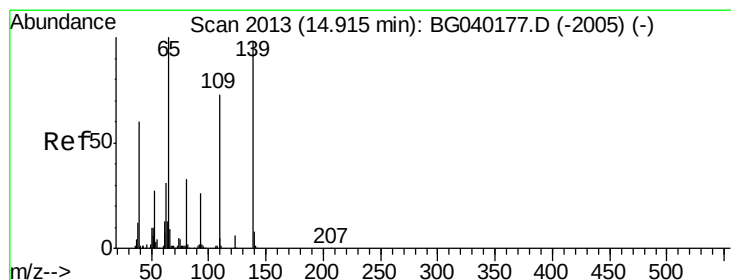
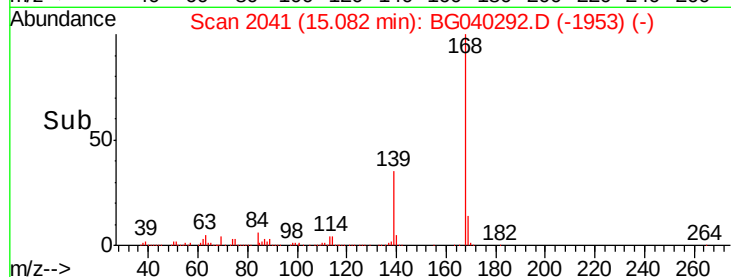
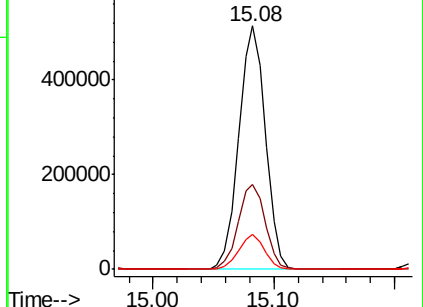
169 14.3 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 70.477 ng

RT: 14.91 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

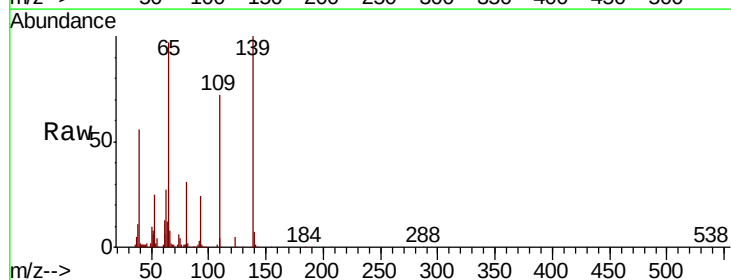
Tgt Ion:139 Resp: 180526

Ion Ratio Lower Upper

139 100

109 71.8 54.3 94.3

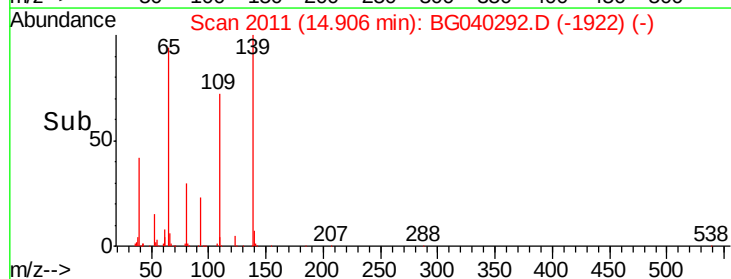
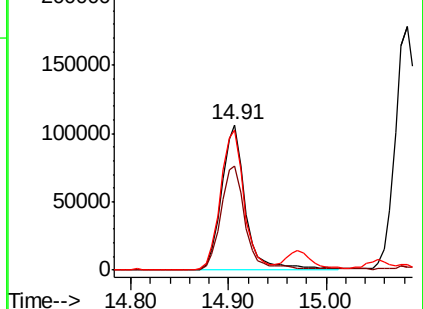
65 96.7 82.5 122.5

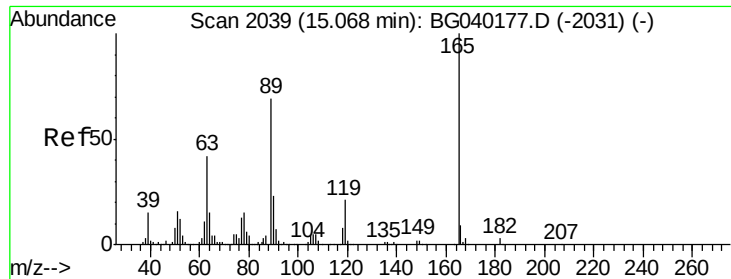


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG





#57

2,4-Dinitrotoluene

Concen: 50.459 ng

RT: 15.05 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

Instrument :

BNA_G

ClientSampleId :

NB-08-032919-AMS

Tot Ion:165 Resp: 210218

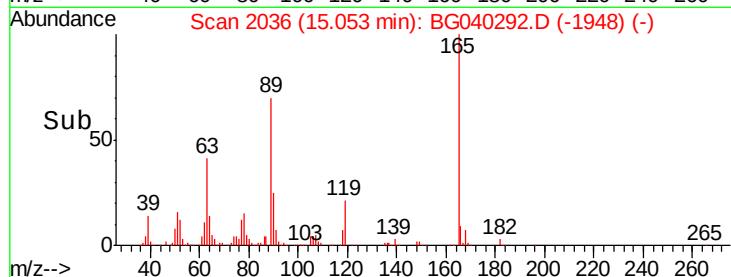
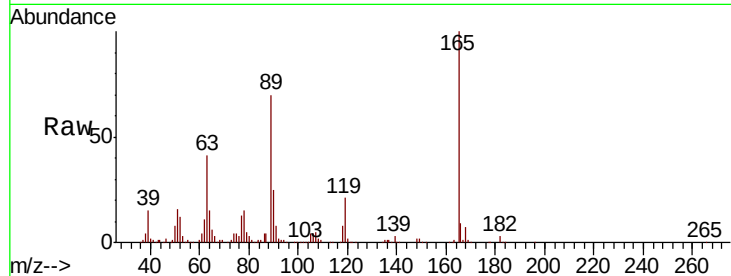
Ion Ratio Lower Upper

165 100

63 41.5 33.8 50.6

89 69.6 55.4 83.2

182 2.7 2.2 3.4

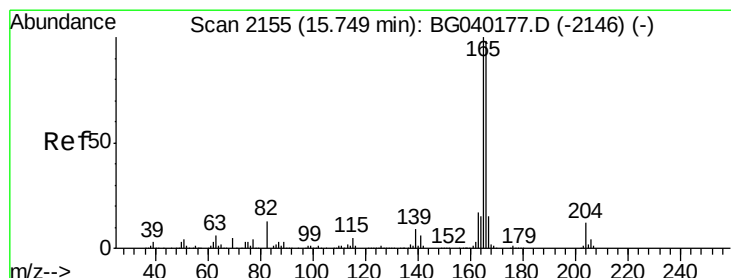
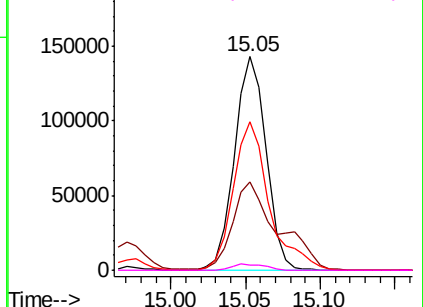


Abundance Ion 165.00 (164.70 to 165.70): E

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: 49.015 ng

RT: 15.73 min Scan# 2151

Delta R.T. -0.02 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

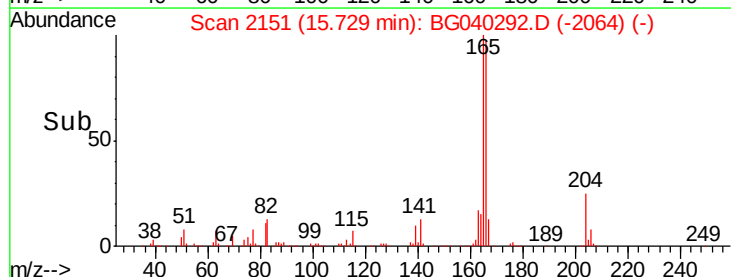
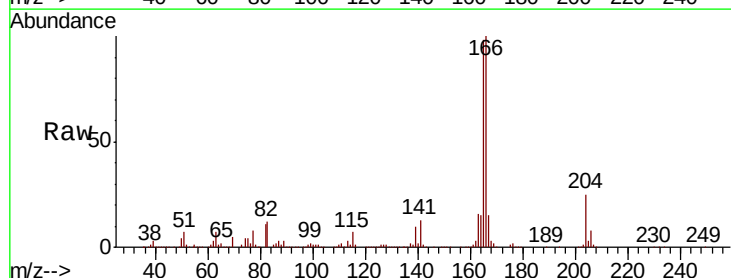
Tgt Ion:166 Resp: 622090

Ion Ratio Lower Upper

166 100

165 98.2 81.7 122.5

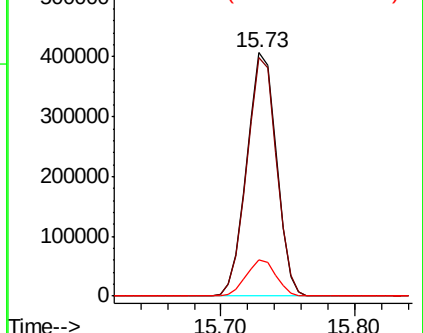
167 15.0 11.9 17.9

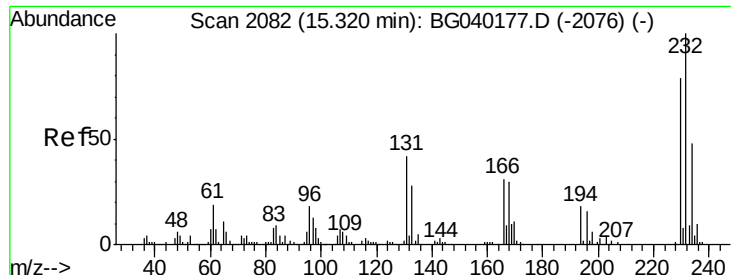


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

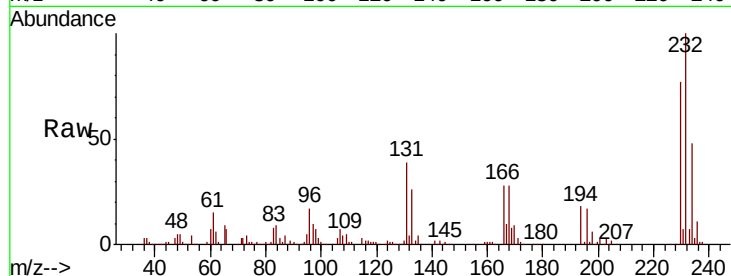




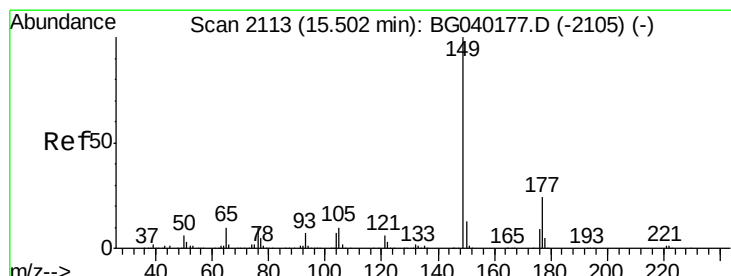
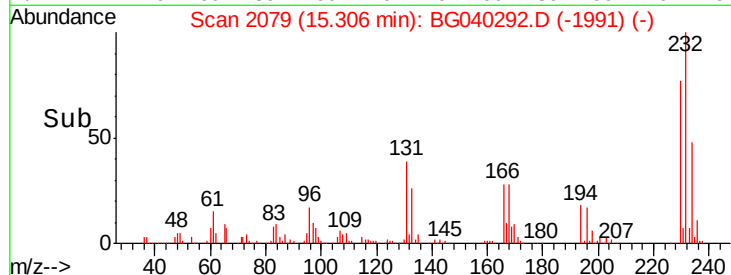
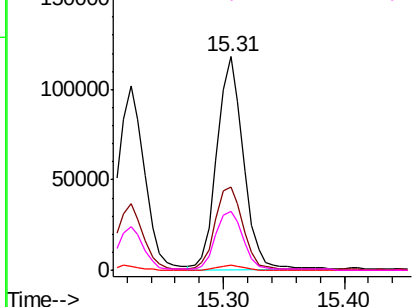
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.278 ng
 RT: 15.31 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: BG040292.D
 Acq: 2 Apr 2019 9:46

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-032919-AMS

Tot Ion:	232	Resp:	177325
Ion	Ratio	Lower	Upper
232	100		
131	40.7	32.9	49.3
130	2.3	1.8	2.8
166	28.5	23.5	35.3

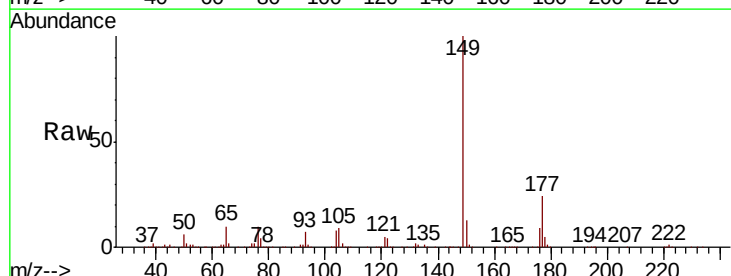


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

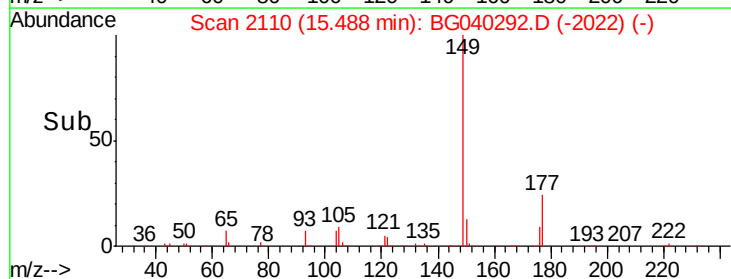
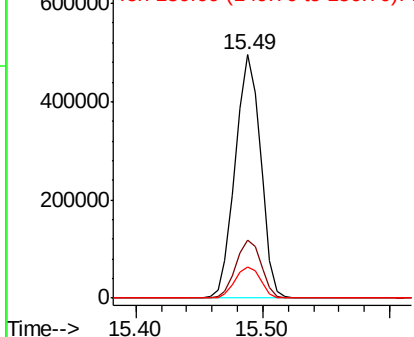


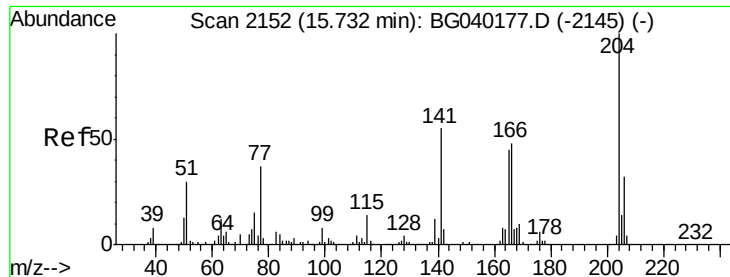
#60
 Diethylphthalate
 Concen: 49.969 ng
 RT: 15.49 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BG040292.D
 Acq: 2 Apr 2019 9:46

Tgt Ion:	149	Resp:	682785
Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.1	28.7
150	13.0	10.6	15.8



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

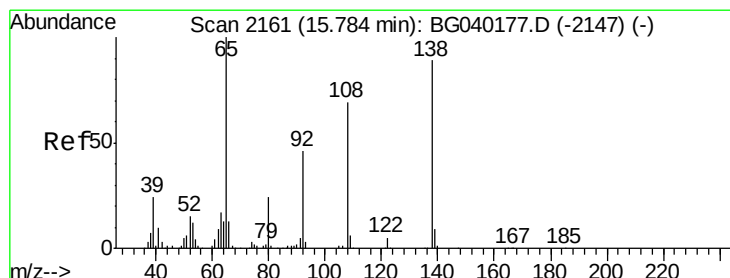
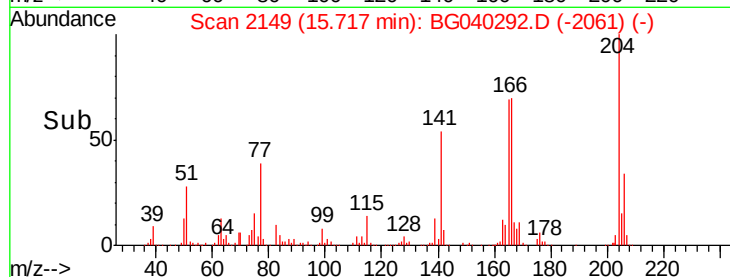
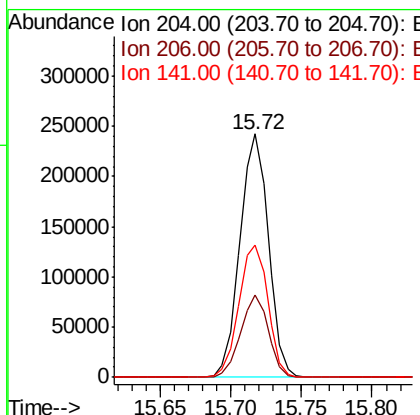
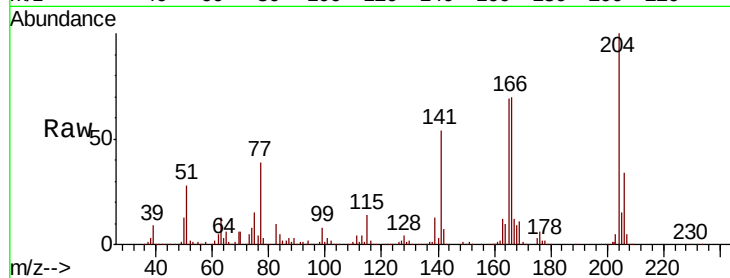




#61
 4-Chlorophenyl-phenylether
 Concen: 50.258 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BG040292.D
 Acq: 2 Apr 2019 9:46

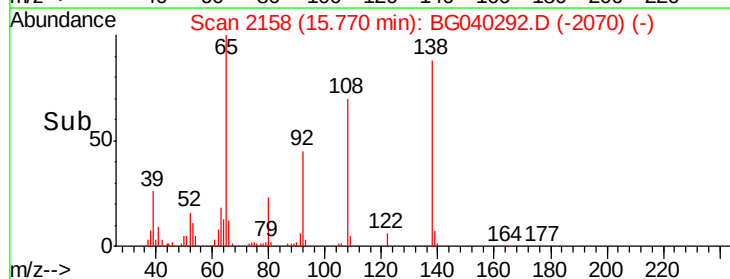
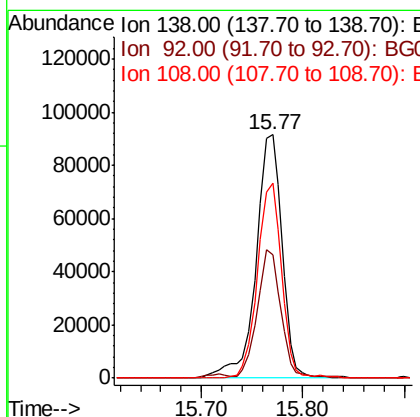
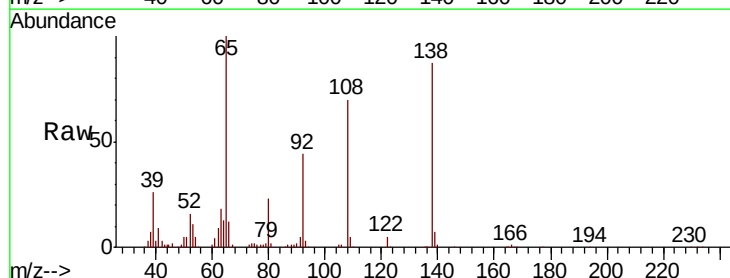
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-032919-AMS

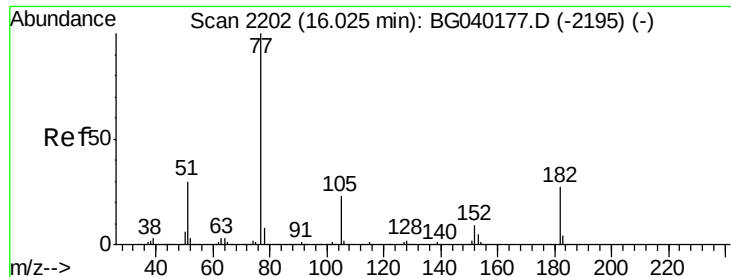
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	25.7	38.5
141	54.4	44.0	66.0



#62
 4-Nitroaniline
 Concen: 48.101 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BG040292.D
 Acq: 2 Apr 2019 9:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.7	31.8	71.8
108	79.8	57.2	97.2





#63

Azobenzene

Concen: 48.480 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

Instrument :

BNA_G

ClientSampleId :

NB-08-032919-AMS

Tot Ion: 77 Resp: 624844

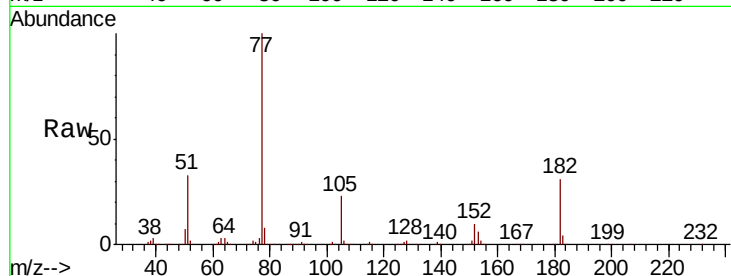
Ion Ratio Lower Upper

77 100

182 30.9 7.2 47.2

105 22.5 2.8 42.8

51 32.5 10.4 50.4

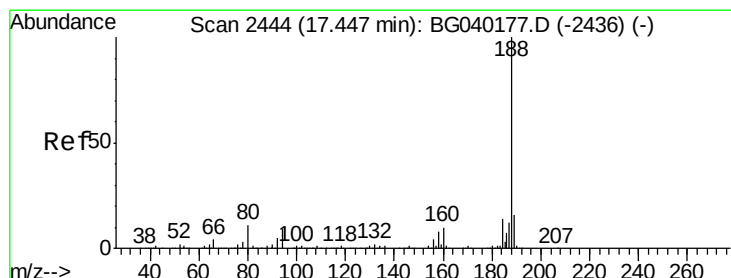
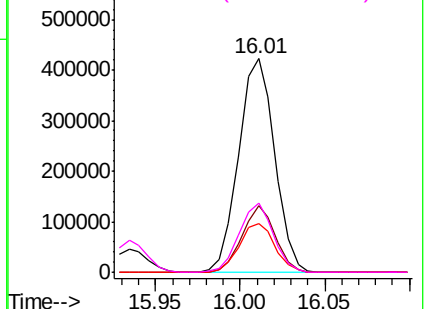
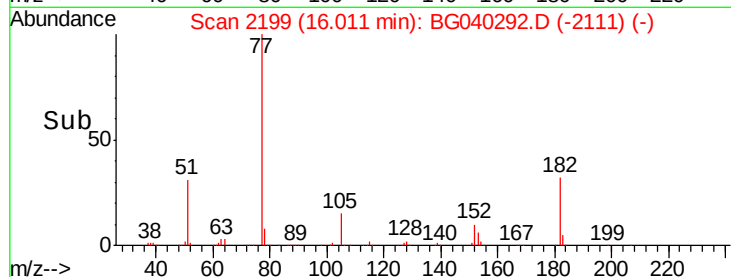


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

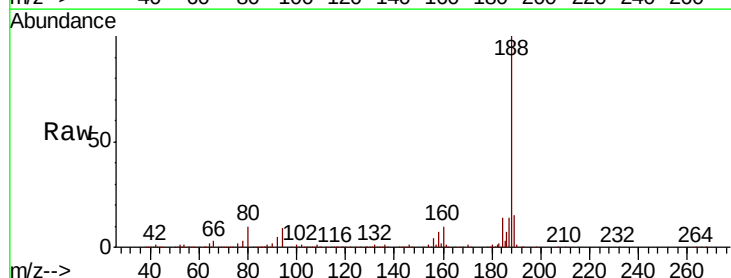
Tgt Ion: 188 Resp: 423509

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.4

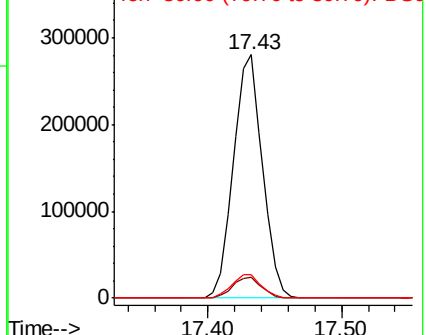
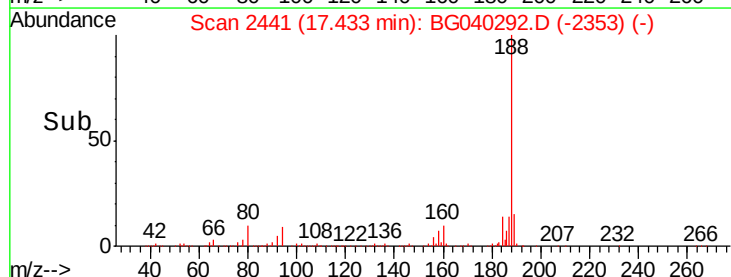
80 9.6 8.6 13.0

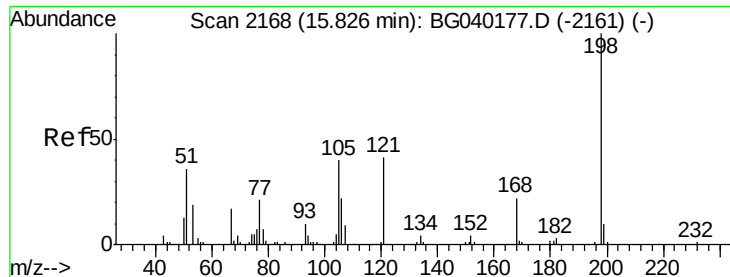


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 15.729 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

Instrument :

BNA_G

ClientSampleId :

NB-08-032919-AMS

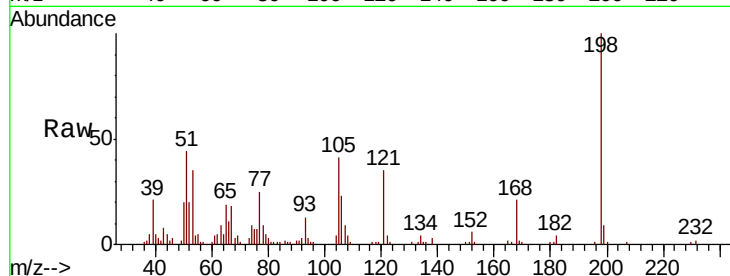
Tot Ion:198 Resp: 37424

Ion Ratio Lower Upper

198 100

51 43.8 27.3 67.3

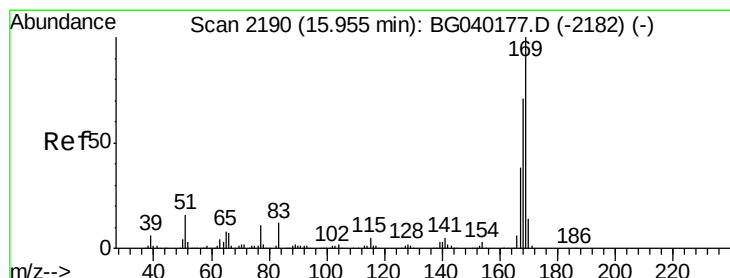
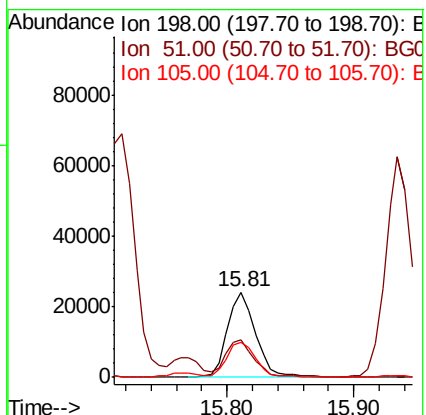
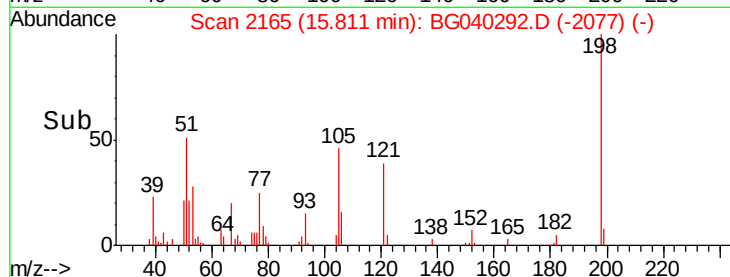
105 41.1 21.7 61.7



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: 47.751 ng

RT: 15.93 min Scan# 2186

Delta R.T. -0.02 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

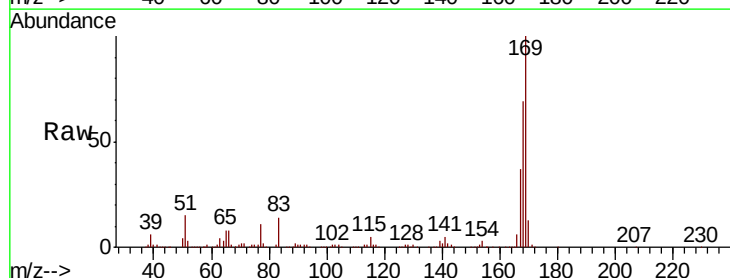
Tgt Ion:169 Resp: 591782

Ion Ratio Lower Upper

169 100

168 69.0 56.8 85.2

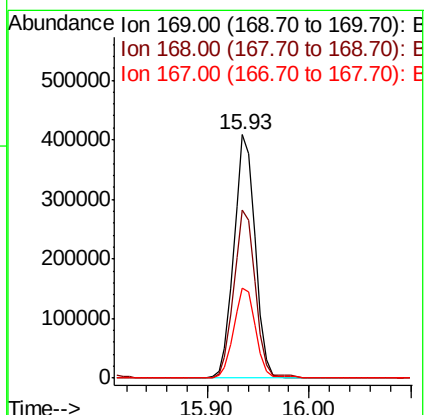
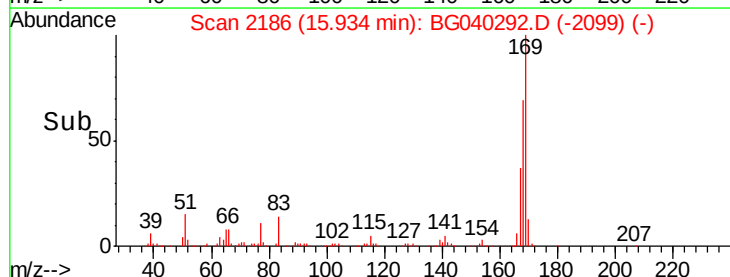
167 36.8 30.2 45.4

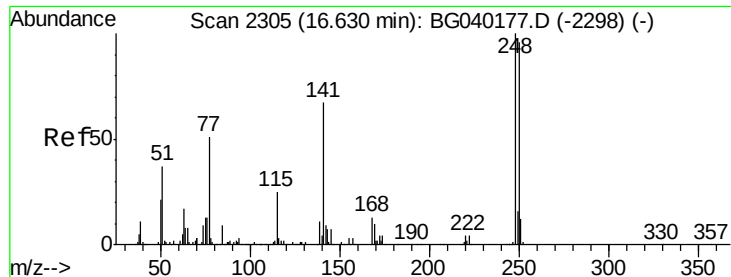


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

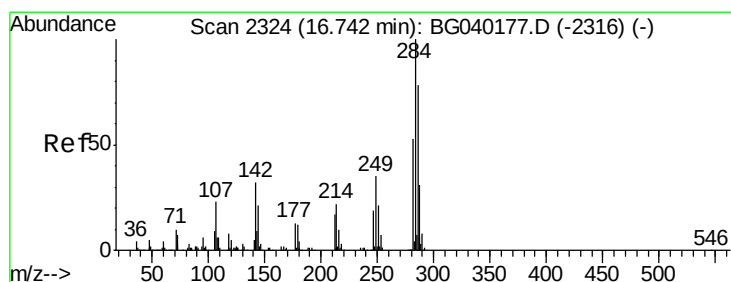
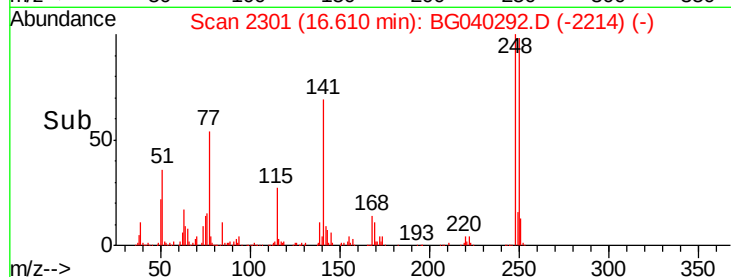
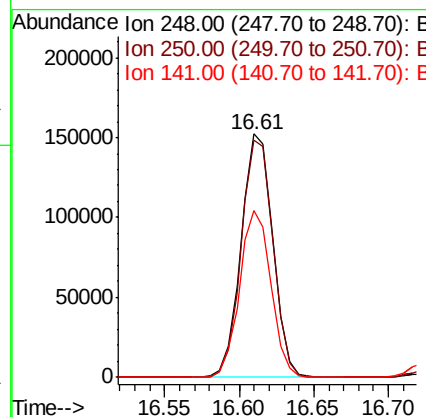
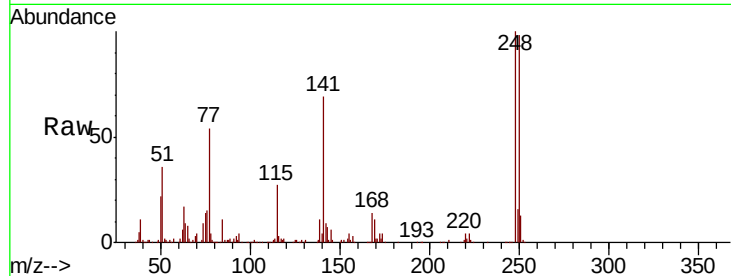




#67
 4-Bromophenyl-phenylether
 Concen: 46.912 ng
 RT: 16.61 min Scan# 2301
 Delta R.T. -0.02 min
 Lab File: BG040292.D
 Acq: 2 Apr 2019 9:46

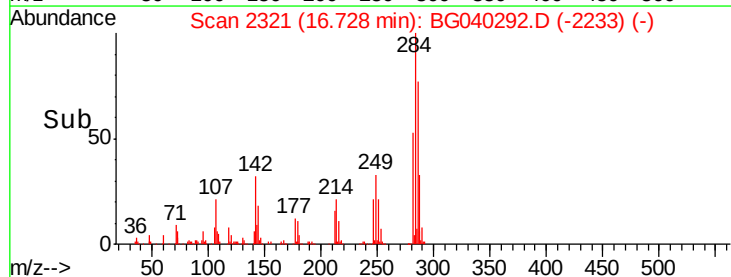
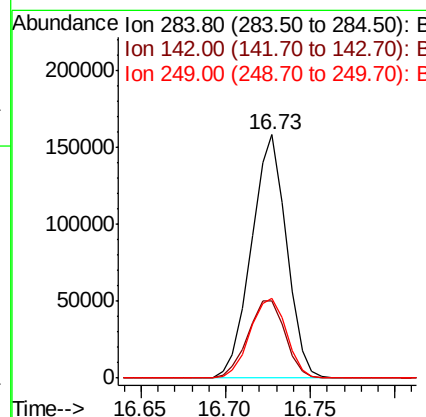
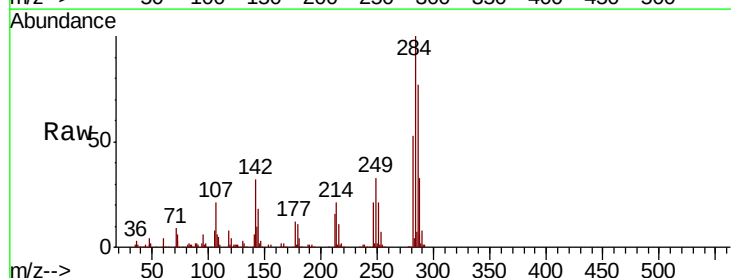
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-032919-AMS

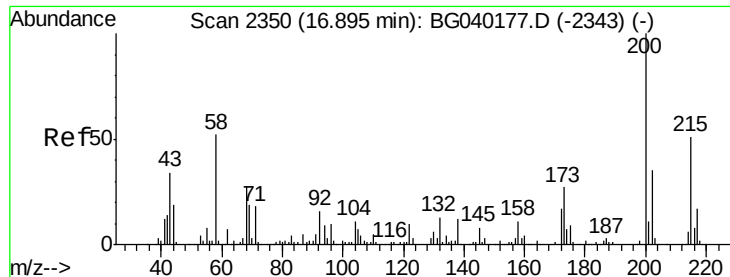
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	76.4	114.6
141	68.5	53.8	80.8



#68
 Hexachlorobenzene
 Concen: 47.724 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG040292.D
 Acq: 2 Apr 2019 9:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.8	25.3	37.9
249	33.0	28.2	42.2





#69

Atrazine

Concen: 45.638 ng

RT: 16.88 min Scan# 2347

Delta R.T. -0.01 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

Instrument :

BNA_G

ClientSampleId :

NB-08-032919-AMS

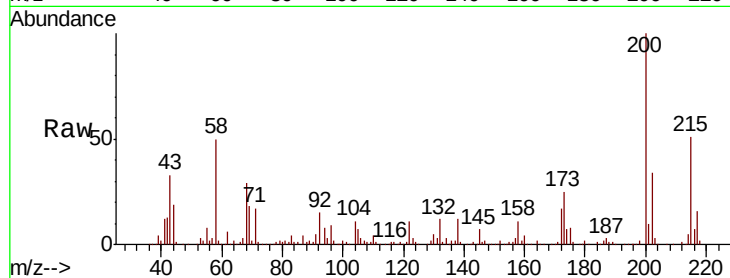
Tot Ion:200 Resp: 210396

Ion Ratio Lower Upper

200 100

173 25.5 7.1 47.1

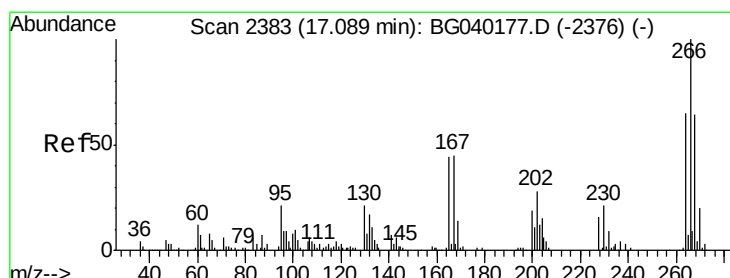
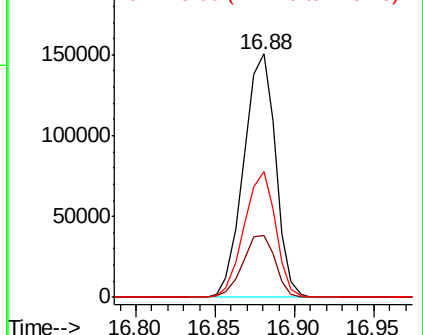
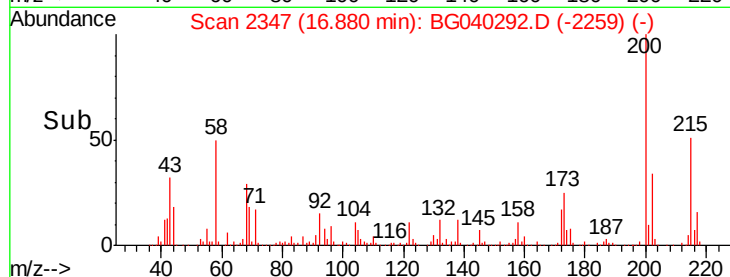
215 51.5 30.9 70.9



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: 32.259 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.01 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

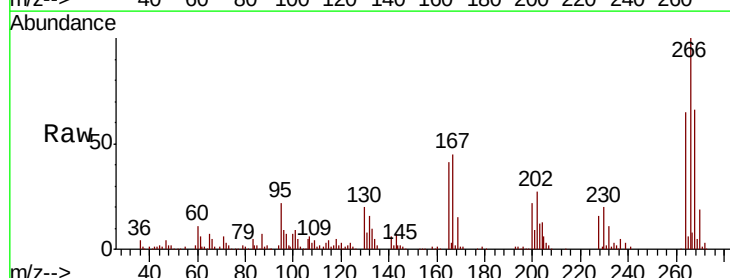
Tgt Ion:266 Resp: 89370

Ion Ratio Lower Upper

266 100

268 66.1 55.0 82.4

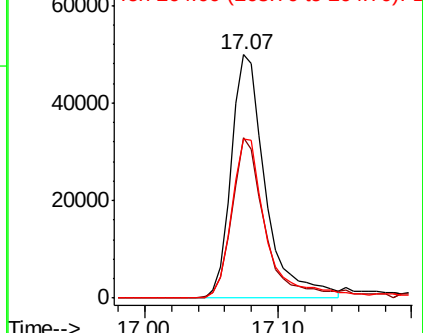
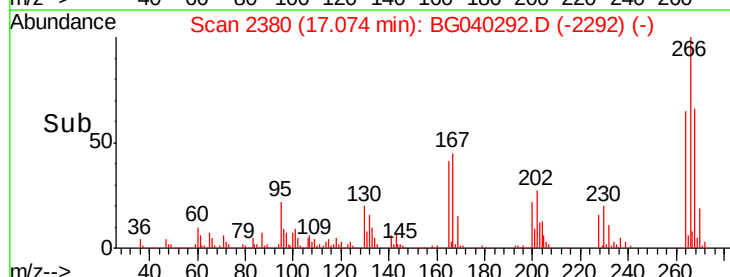
264 65.4 51.8 77.8

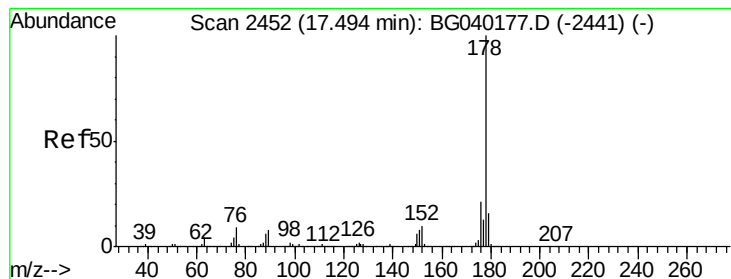


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 46.833 ng

RT: 17.47 min Scan# 2448

Delta R.T. -0.02 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

Instrument :

BNA_G

ClientSampleId :

NB-08-032919-AMS

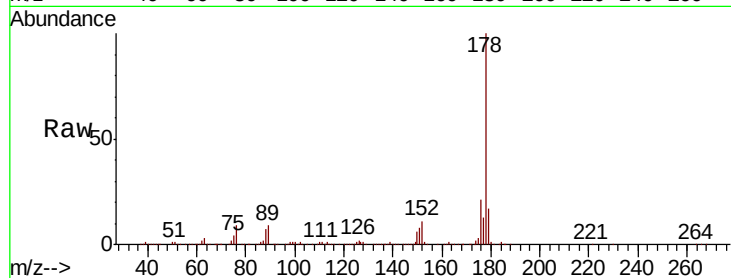
Tot Ion:178 Resp: 1042516

Ion Ratio Lower Upper

178 100

176 20.7 16.7 25.1

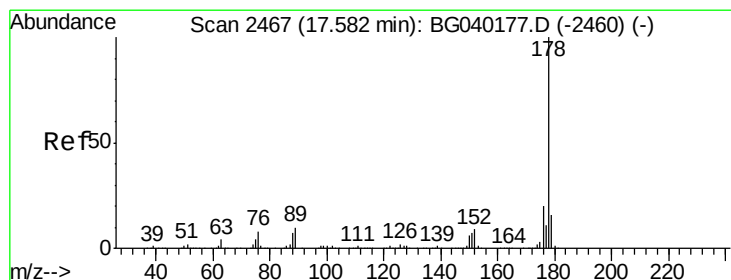
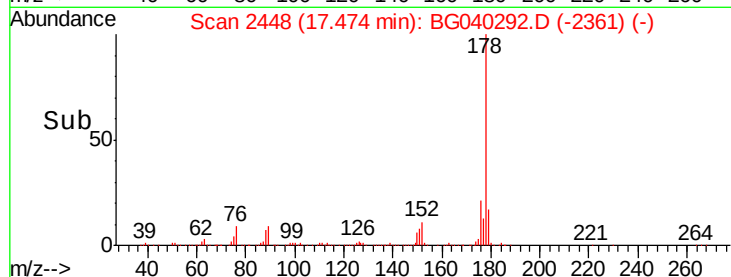
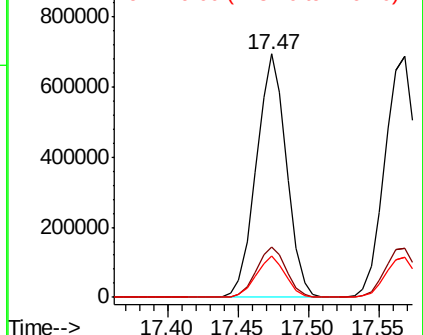
179 17.1 12.8 19.2



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: 47.840 ng

RT: 17.57 min Scan# 2464

Delta R.T. -0.01 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

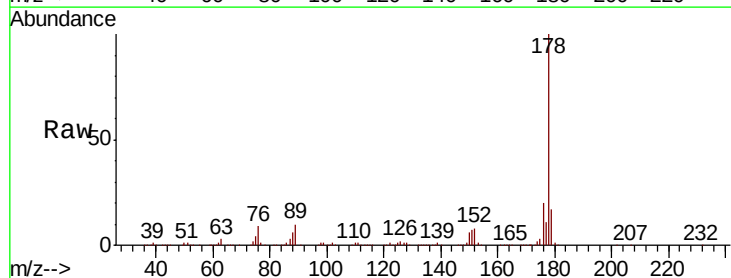
Tgt Ion:178 Resp: 1065920

Ion Ratio Lower Upper

178 100

176 20.4 15.9 23.9

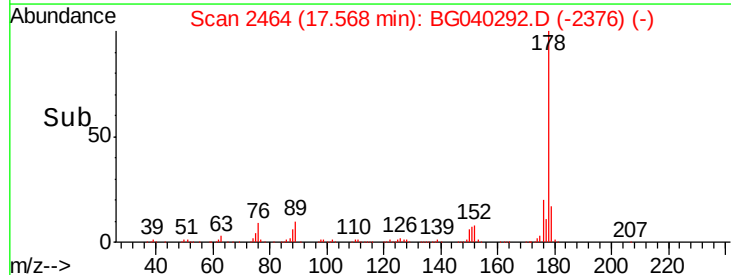
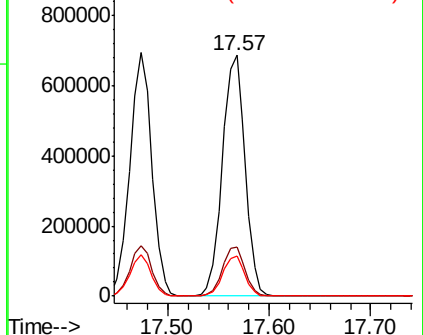
179 16.7 12.9 19.3

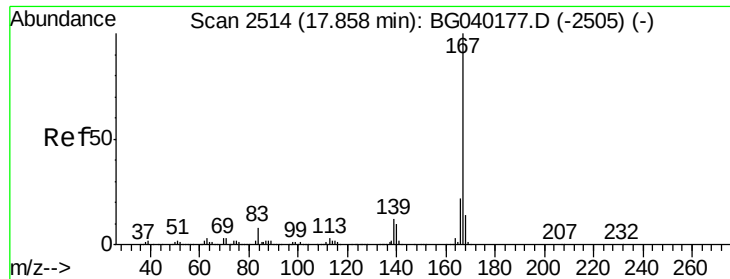


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 47.023 ng

RT: 17.84 min Scan# 2510

Delta R.T. -0.02 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

Instrument :

BNA_G

ClientSampleId :

NB-08-032919-AMS

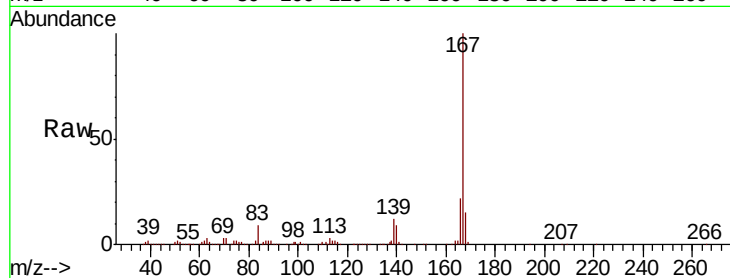
Tot Ion:167 Resp: 991547

Ion Ratio Lower Upper

167 100

166 21.7 17.5 26.3

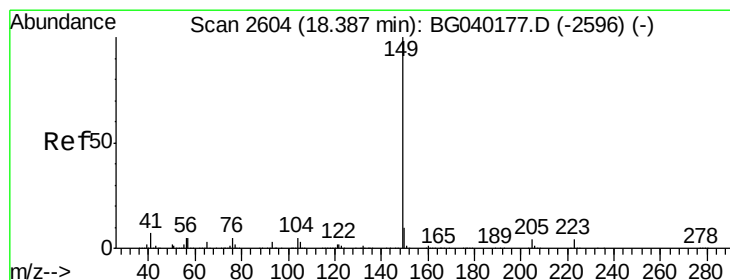
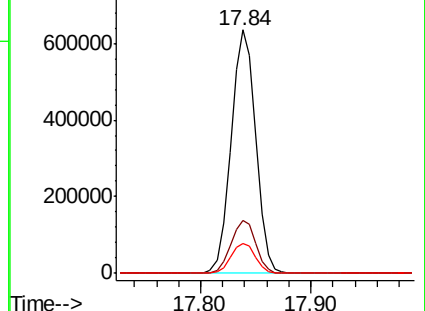
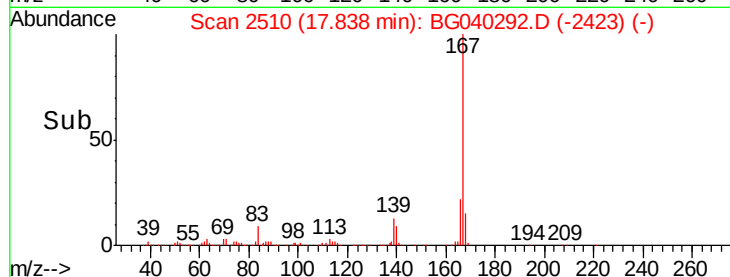
139 12.5 10.0 15.0



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: 45.958 ng

RT: 18.37 min Scan# 2601

Delta R.T. -0.01 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

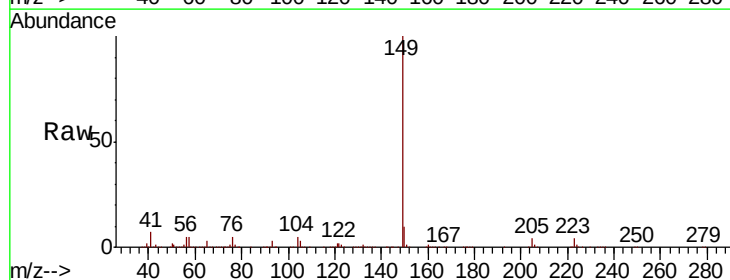
Tgt Ion:149 Resp: 1148715

Ion Ratio Lower Upper

149 100

150 10.2 7.9 11.9

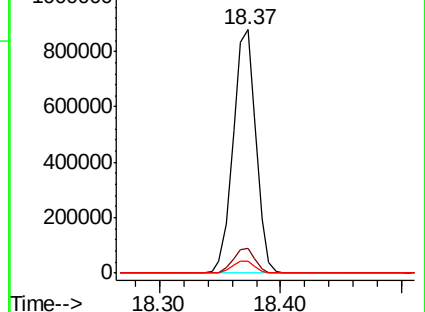
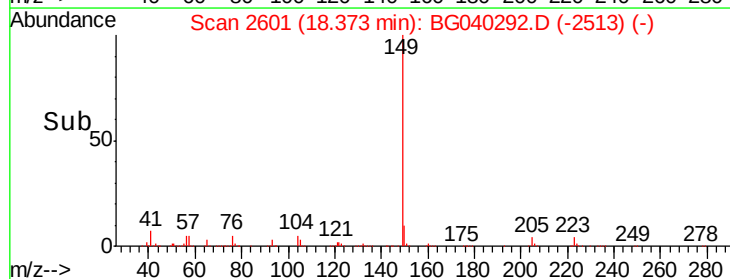
104 5.2 4.1 6.1

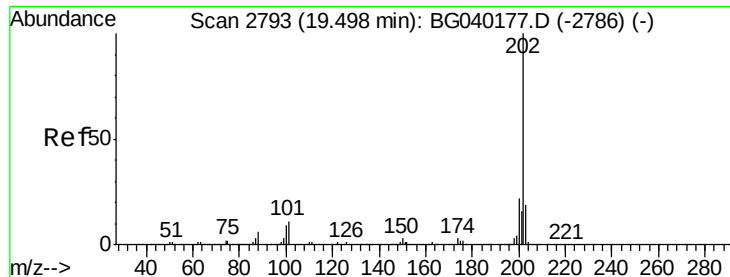


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.534 ng

RT: 19.48 min Scan# 2789

Delta R.T. -0.02 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

Instrument :

BNA_G

ClientSampleId :

NB-08-032919-AMS

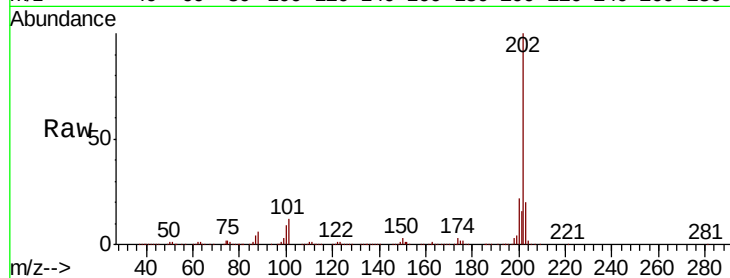
Tot Ion:202 Resp: 1226609

Ion Ratio Lower Upper

202 100

101 11.7 0.0 30.8

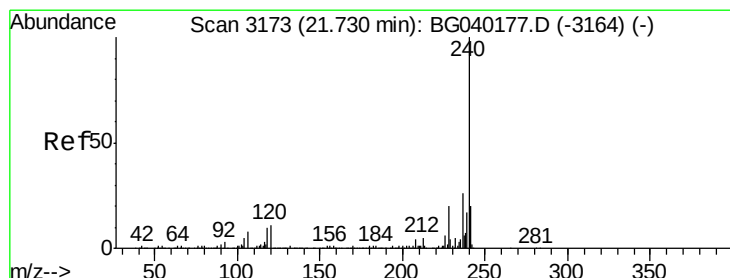
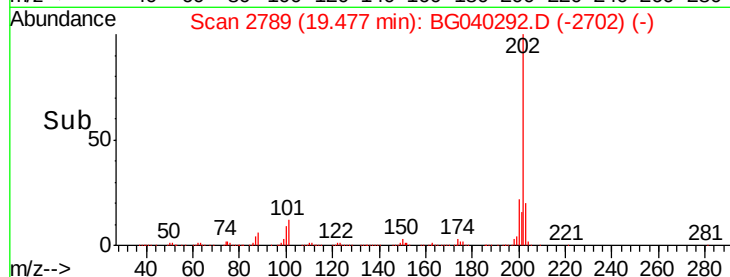
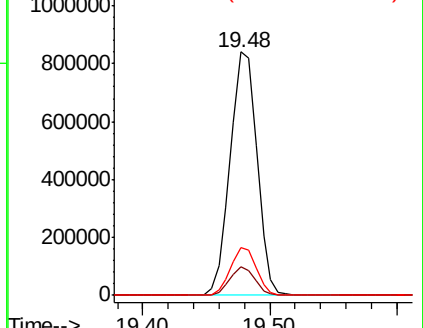
203 19.5 0.0 38.9



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# 3170

Delta R.T. -0.01 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

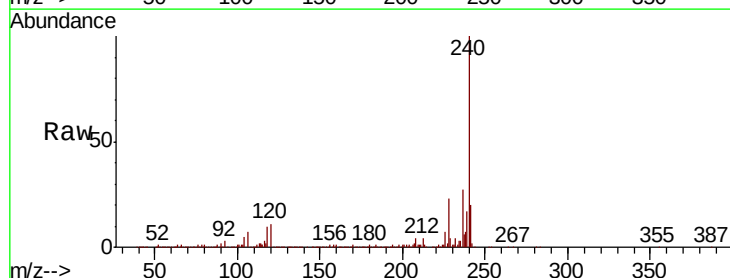
Tgt Ion:240 Resp: 400662

Ion Ratio Lower Upper

240 100

120 10.7 8.4 12.6

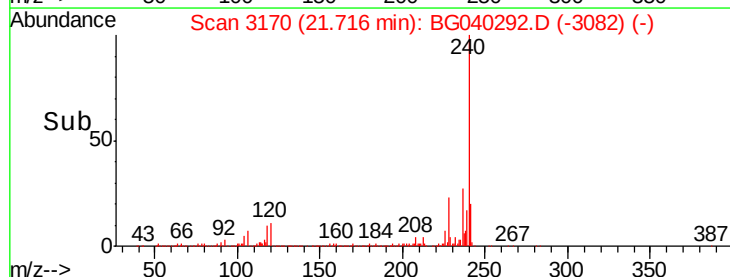
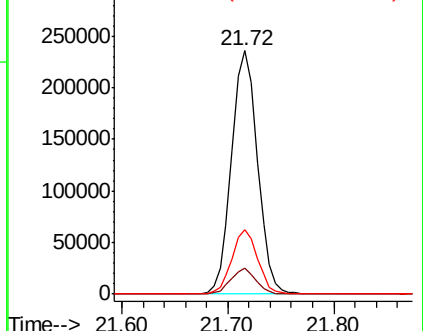
236 26.7 20.8 31.2

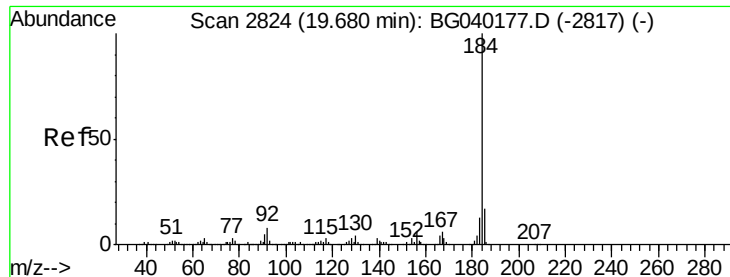


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 9.080 ng

RT: 19.67 min Scan# 2821

Delta R.T. -0.01 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

Instrument :

BNA_G

ClientSampleId :

NB-08-032919-AMS

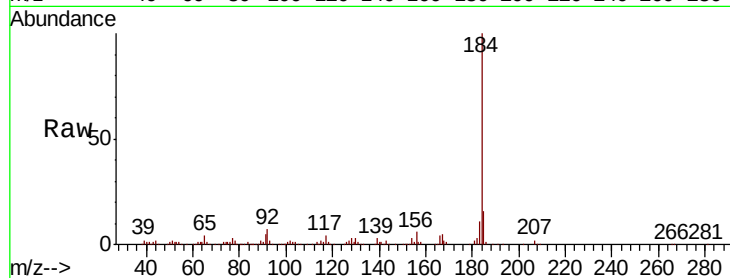
Tot Ion:184 Resp: 131376

Ion Ratio Lower Upper

184 100

185 15.9 13.3 19.9

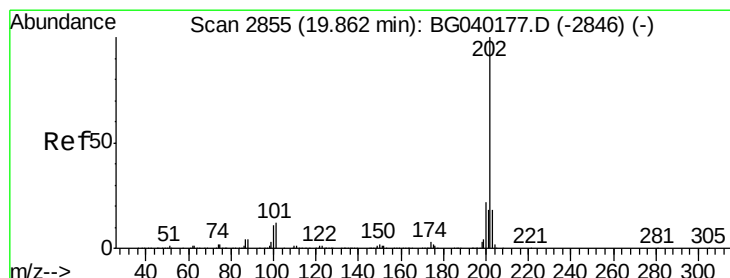
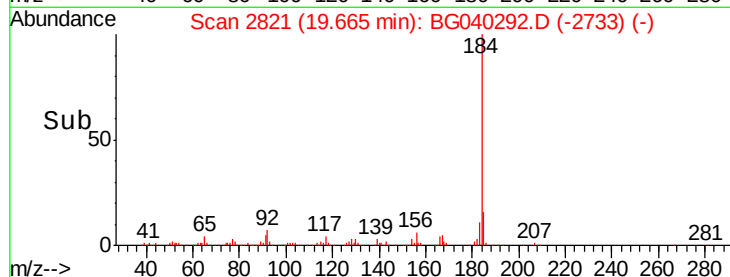
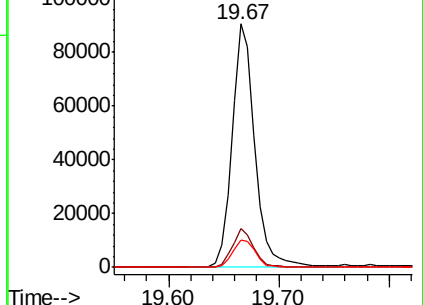
183 11.2 10.3 15.5



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: 47.060 ng

RT: 19.84 min Scan# 2851

Delta R.T. -0.02 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

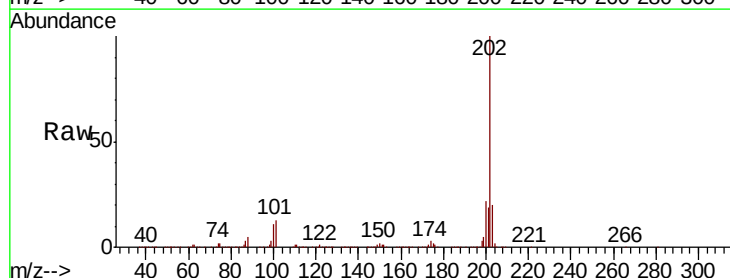
Tgt Ion:202 Resp: 1239947

Ion Ratio Lower Upper

202 100

200 22.1 17.3 25.9

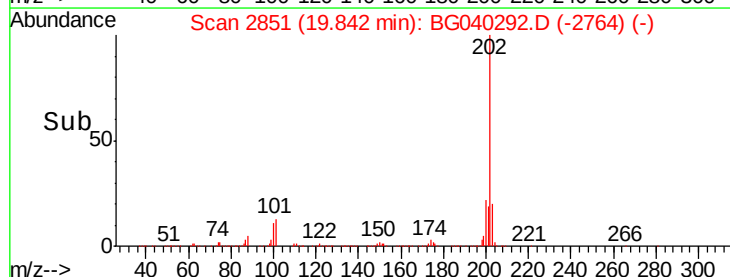
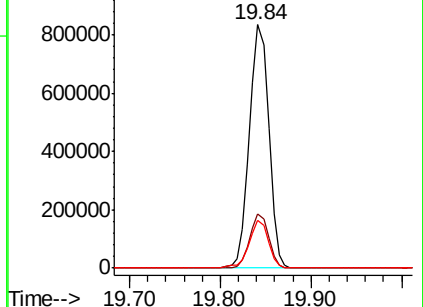
203 19.5 14.6 22.0

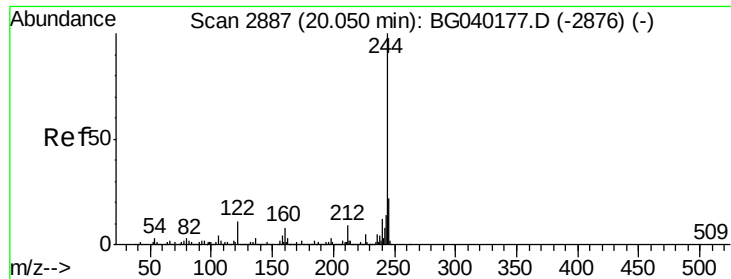


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 91.149 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

Instrument :

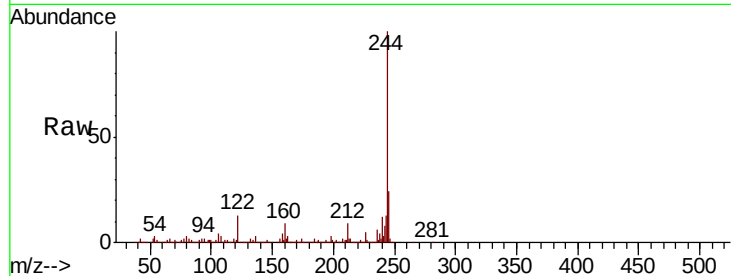
BNA_G

ClientSampleId :

NB-08-032919-AMS

Tot Ion:244 Resp: 1623367

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.6
122	12.6	8.5	12.7

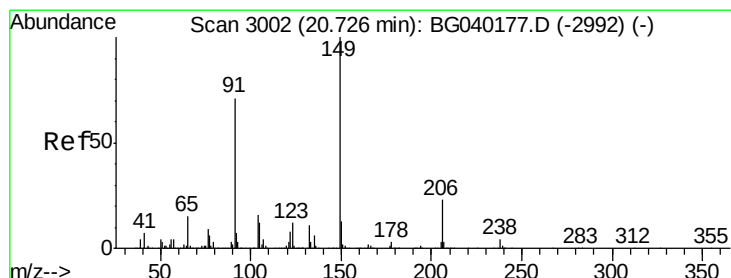
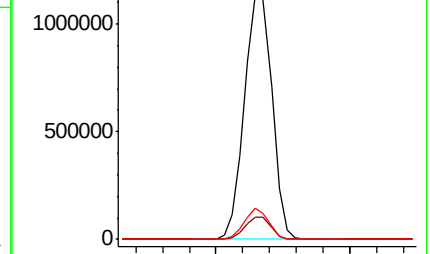
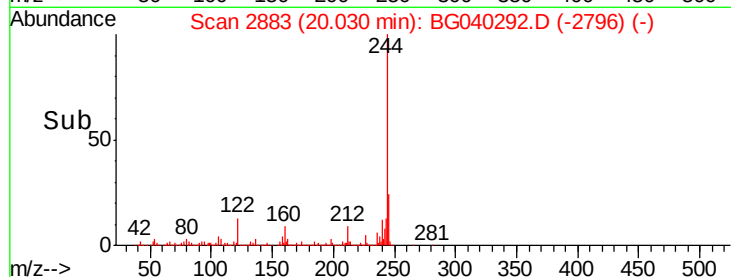


Abundance

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: 47.483 ng

RT: 20.71 min Scan# 2999

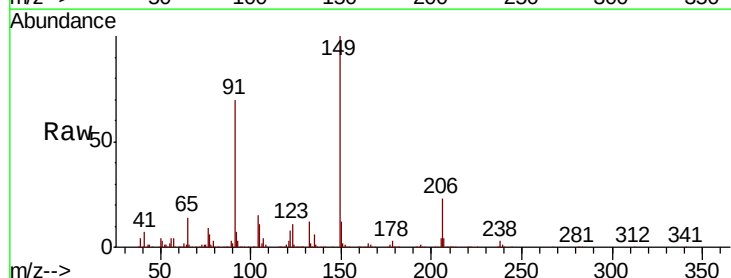
Delta R.T. -0.01 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

Tgt Ion:149 Resp: 535352

Ion	Ratio	Lower	Upper
149	100		
91	69.8	57.0	85.4
206	23.3	18.2	27.4

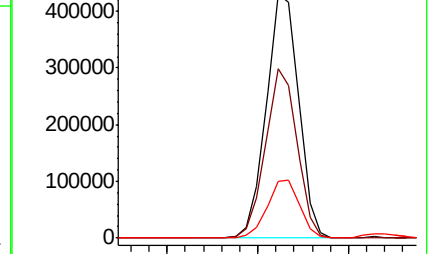
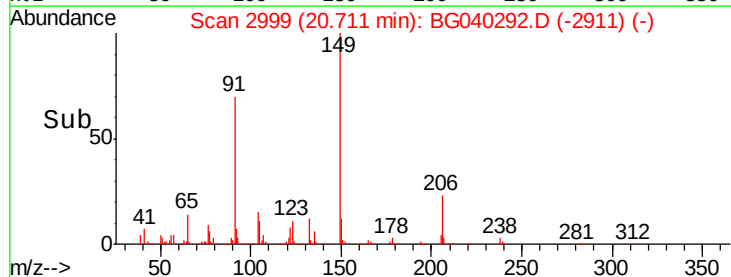


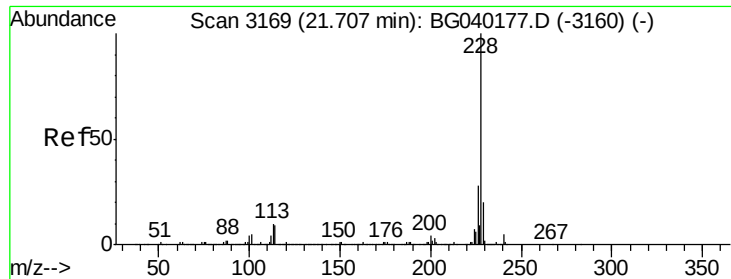
Abundance

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: 45.430 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

Instrument :

BNA_G

ClientSampleId :

NB-08-032919-AMS

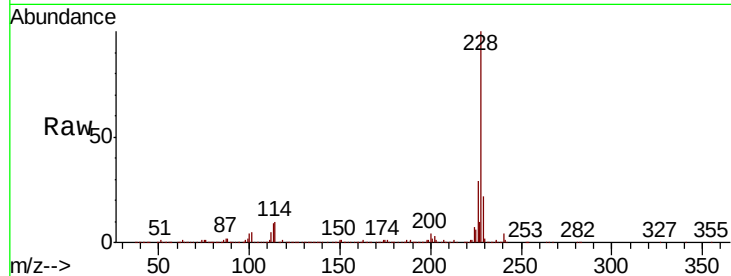
Tot Ion:228 Resp: 1121157

Ion Ratio Lower Upper

228 100

226 29.2 22.6 34.0

229 21.5 16.1 24.1

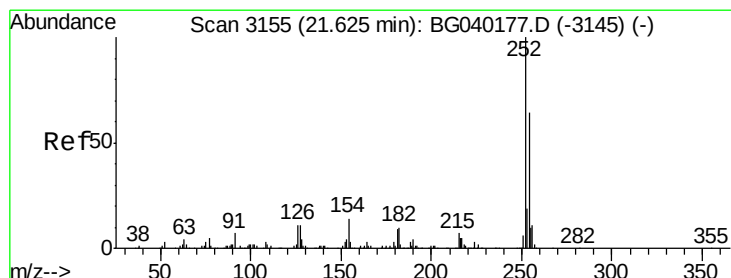
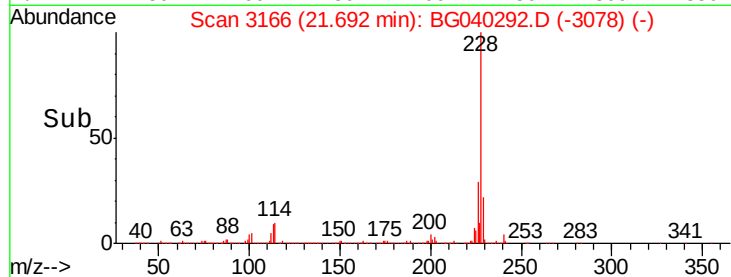
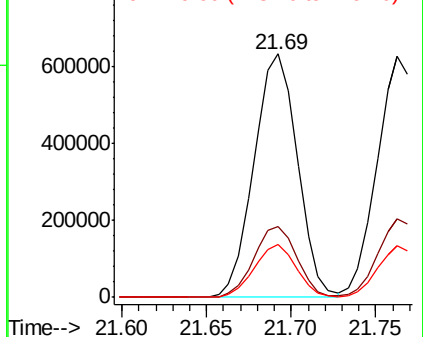


Abundance

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: 14.204 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

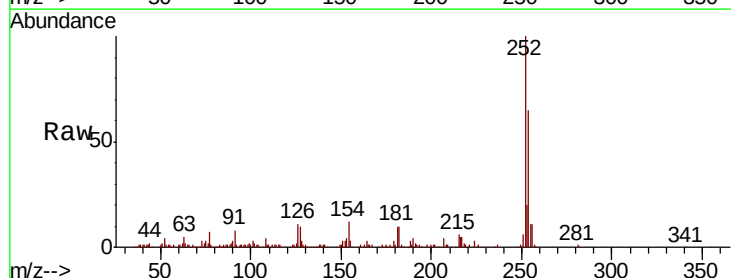
Tgt Ion:252 Resp: 133345

Ion Ratio Lower Upper

252 100

254 64.5 51.4 77.2

126 11.5 8.5 12.7

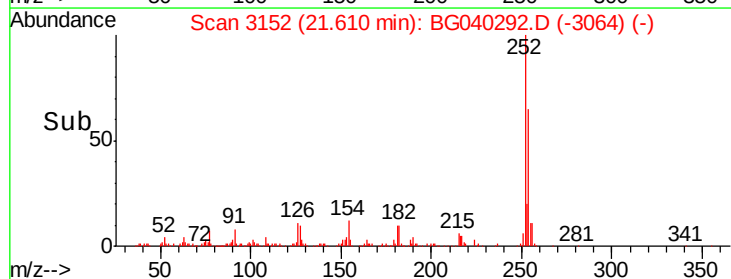
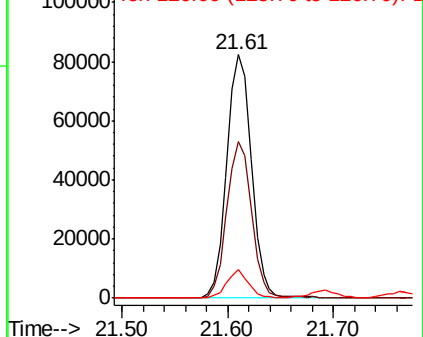


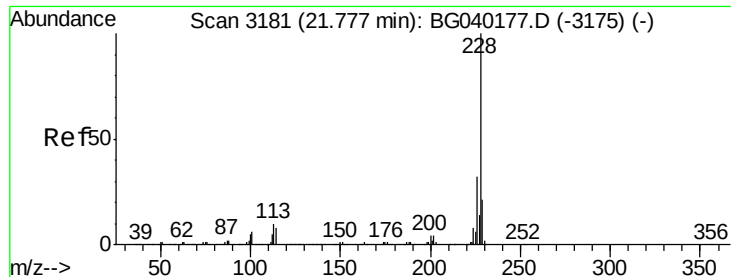
Abundance

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: 47.125 ng

RT: 21.76 min Scan# 3178

Delta R.T. -0.01 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

Instrument :

BNA_G

ClientSampleId :

NB-08-032919-AMS

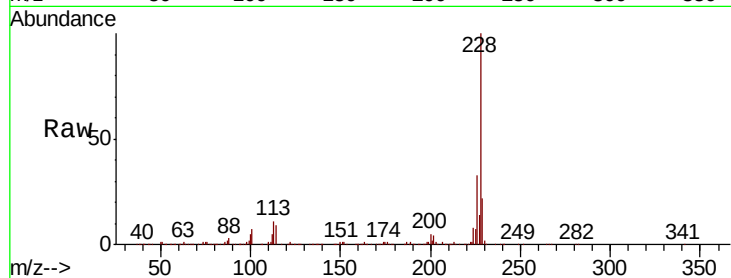
Tot Ion:228 Resp: 1117684

Ion Ratio Lower Upper

228 100

226 32.6 25.4 38.0

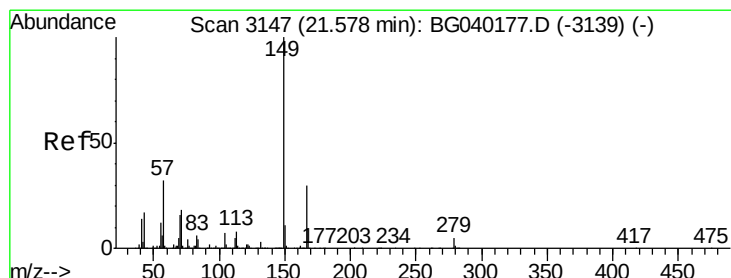
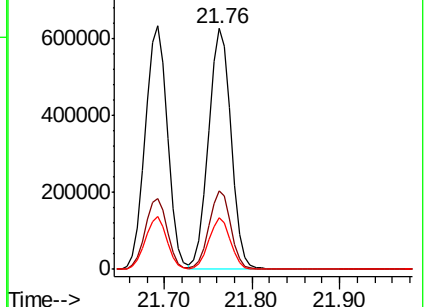
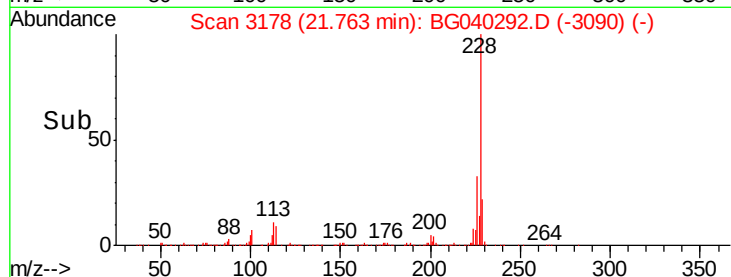
229 21.7 17.0 25.4



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: 46.574 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

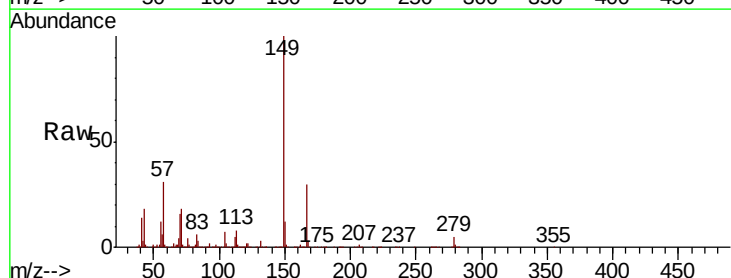
Tgt Ion:149 Resp: 750629

Ion Ratio Lower Upper

149 100

167 29.6 24.1 36.1

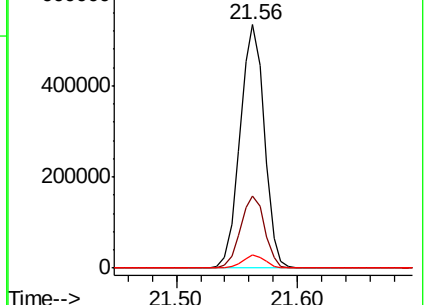
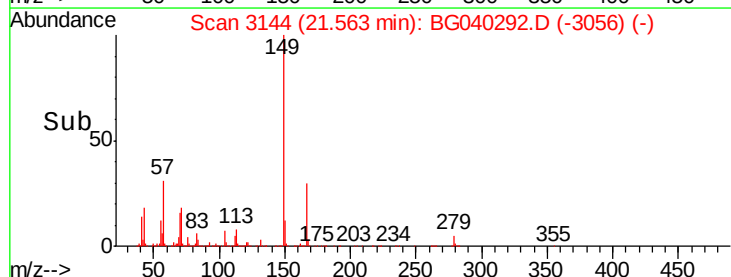
279 5.2 4.1 6.1

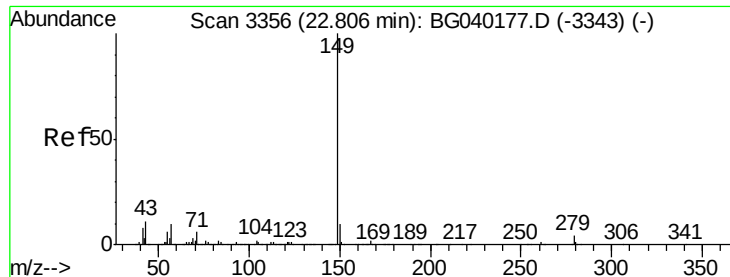


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.147 ng

RT: 22.81 min Scan# 3356

Delta R.T. 0.00 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

Instrument :

BNA_G

ClientSampleId :

NB-08-032919-AMS

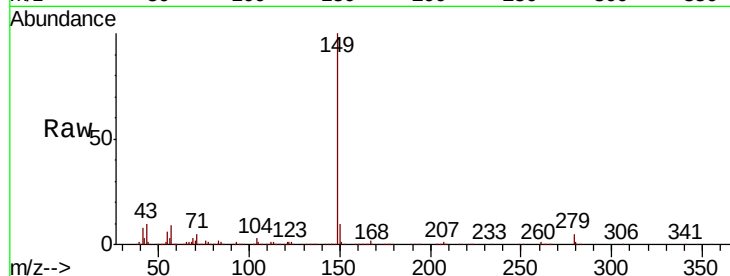
Tot Ion:149 Resp: 1294617

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 10.3 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

22.81

800000

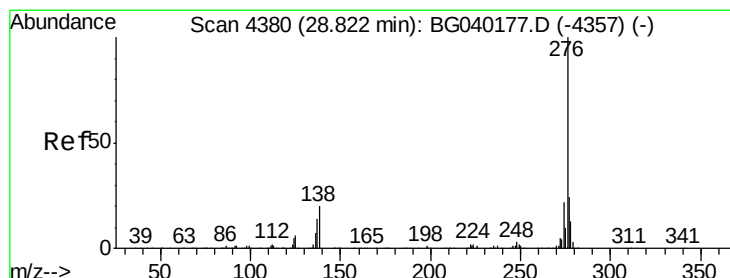
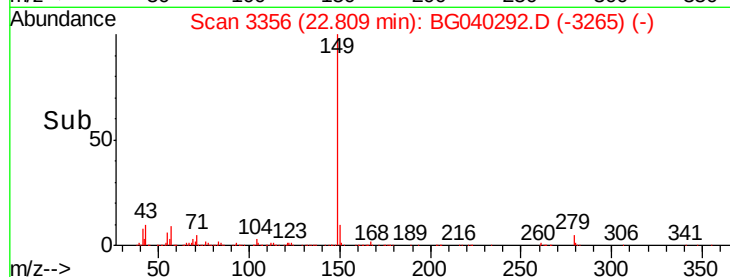
600000

400000

200000

0

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 20.860 ng

RT: 28.90 min Scan# 4392

Delta R.T. 0.07 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

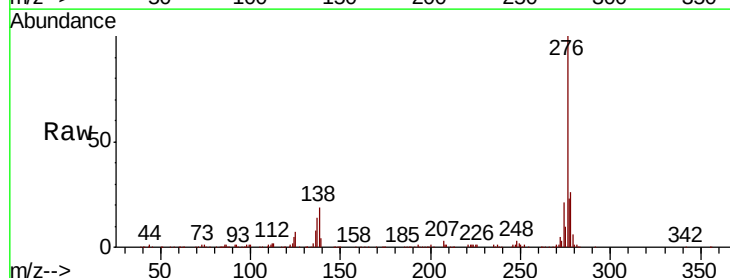
Tgt Ion:276 Resp: 605126

Ion Ratio Lower Upper

276 100

138 15.4 18.8 28.2#

277 0.0 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

28.90

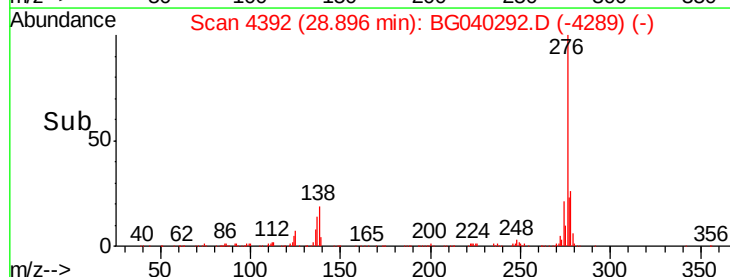
150000

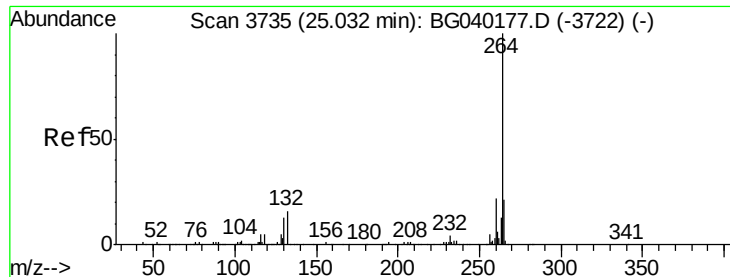
100000

50000

0

Time-->



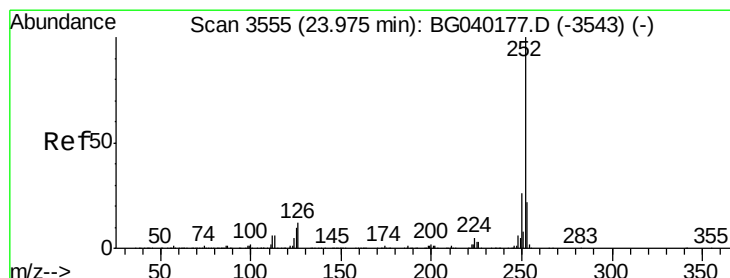
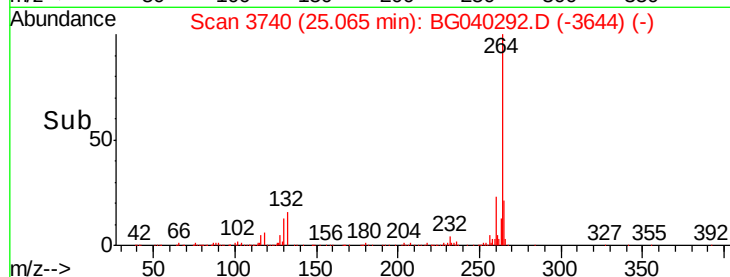
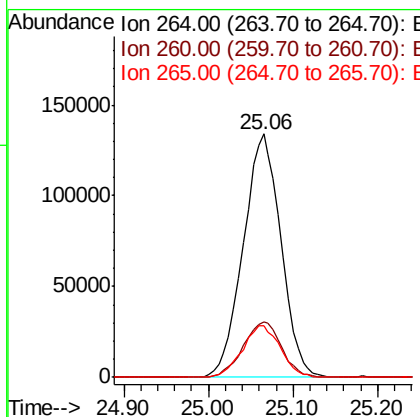
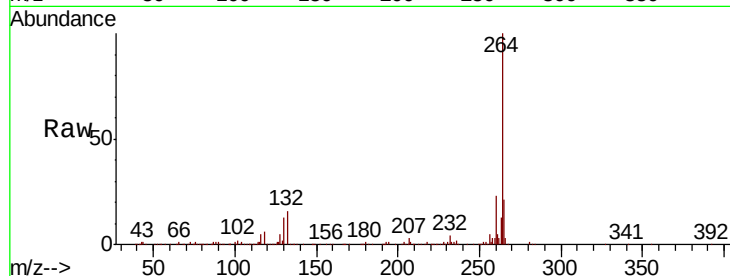


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3740
Delta R.T. 0.03 min
Lab File: BG040292.D
Acq: 2 Apr 2019 9:46

Instrument :
BNA_G
ClientSampleId :
NB-08-032919-AMS

Tot Ion:264 Resp: 414816

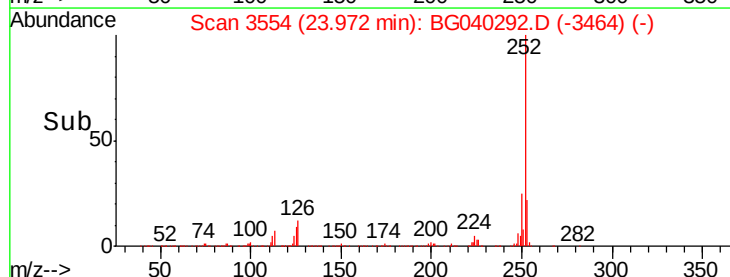
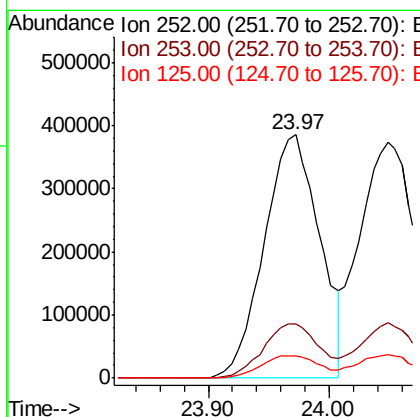
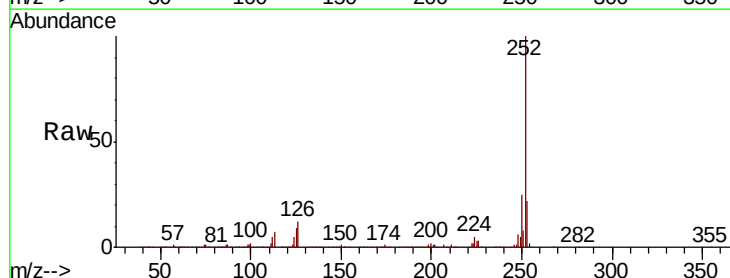
Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.9	26.9
265	21.3	16.8	25.2

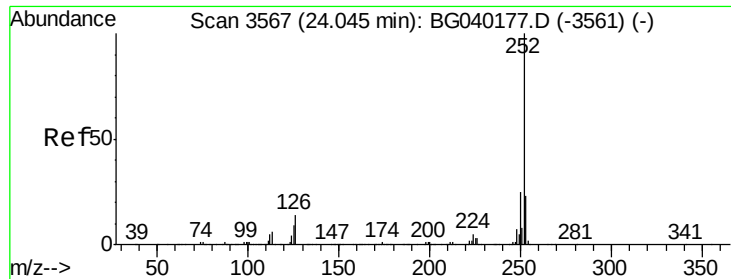


#88
Benzo(b)fluoranthene
Concen: 48.350 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.00 min
Lab File: BG040292.D
Acq: 2 Apr 2019 9:46

Tgt Ion:252 Resp: 1227921

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	9.3	8.2	12.4

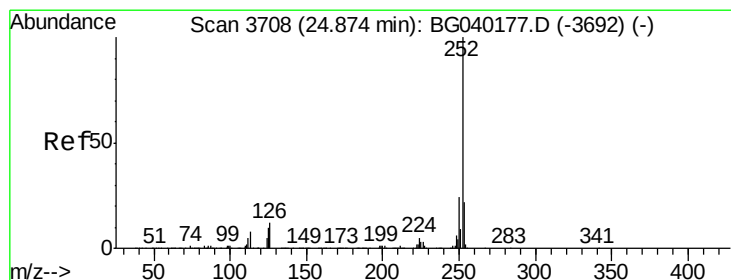
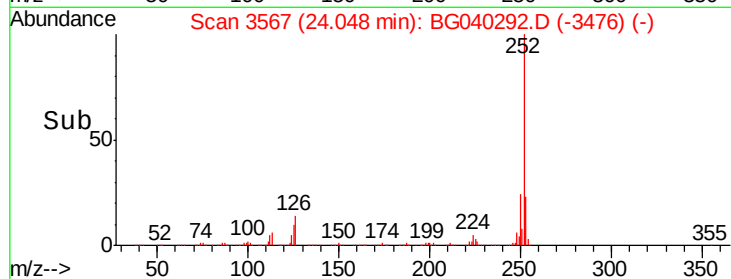
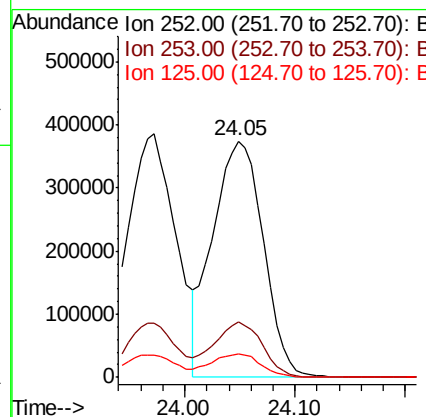
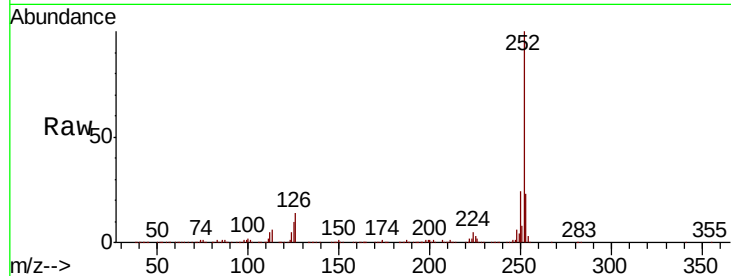




#89
Benzo(k)fluoranthene
Concen: 50.904 ng
RT: 24.05 min Scan# 3567
Delta R.T. 0.00 min
Lab File: BG040292.D
Acq: 2 Apr 2019 9:46

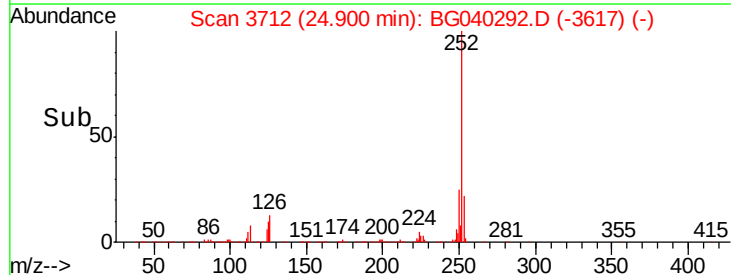
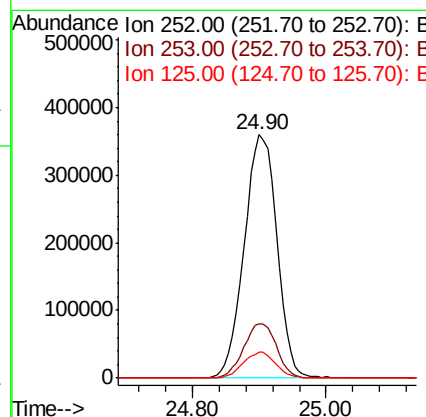
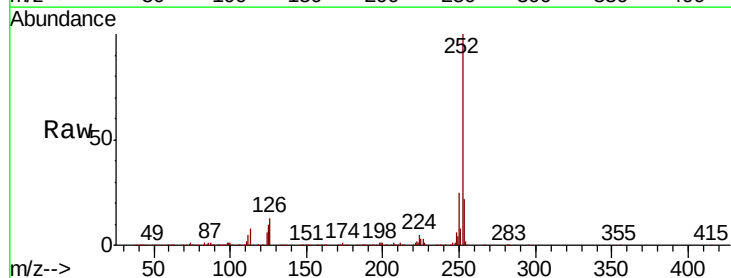
Instrument :
BNA_G
ClientSampleId :
NB-08-032919-AMS

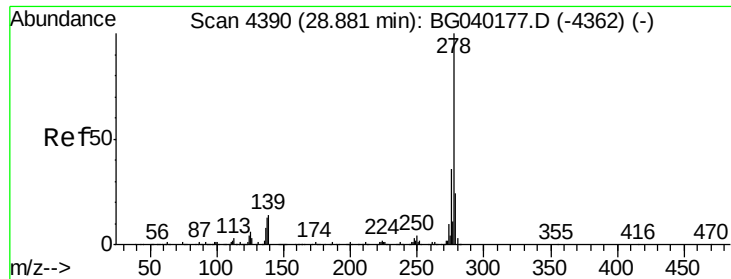
Tot Ion:252 Resp: 1188858
Ion Ratio Lower Upper
252 100
253 23.3 18.6 28.0
125 9.7 7.3 10.9



#90
Benzo(a)pyrene
Concen: 50.876 ng
RT: 24.90 min Scan# 3712
Delta R.T. 0.03 min
Lab File: BG040292.D
Acq: 2 Apr 2019 9:46

Tgt Ion:252 Resp: 1212295
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 10.5 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 53.197 ng

RT: 28.99 min Scan# 4408

Delta R.T. 0.11 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

Instrument :

BNA_G

ClientSampleId :

NB-08-032919-AMS

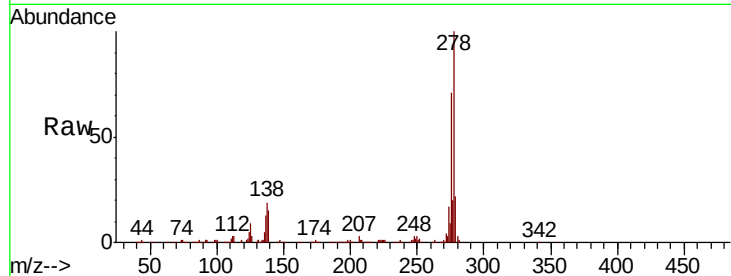
Tot Ion:278 Resp: 1177306

Ion Ratio Lower Upper

278 100

139 15.4 11.2 16.8

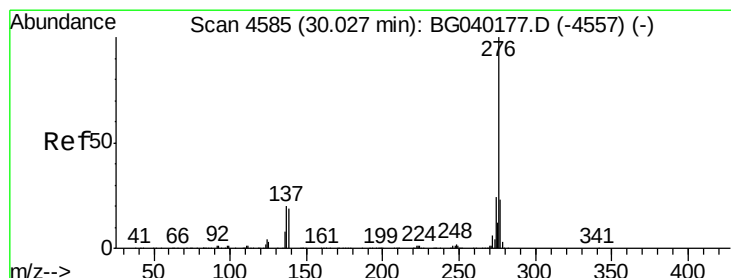
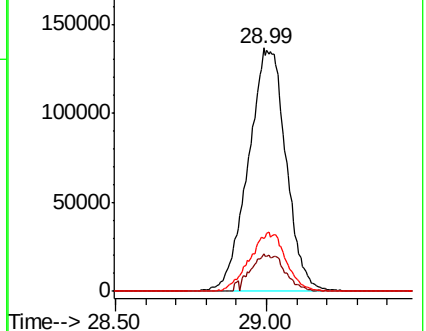
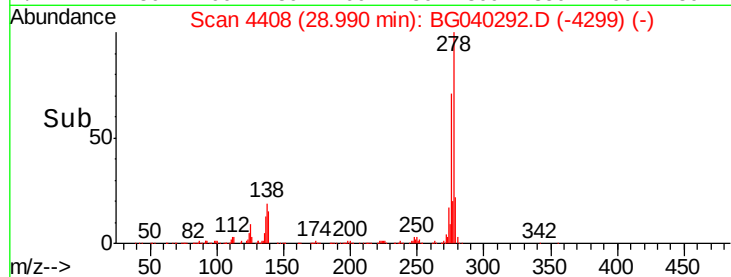
279 22.0 18.9 28.3



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: 52.274 ng

RT: 30.26 min Scan# 4624

Delta R.T. 0.23 min

Lab File: BG040292.D

Acq: 2 Apr 2019 9:46

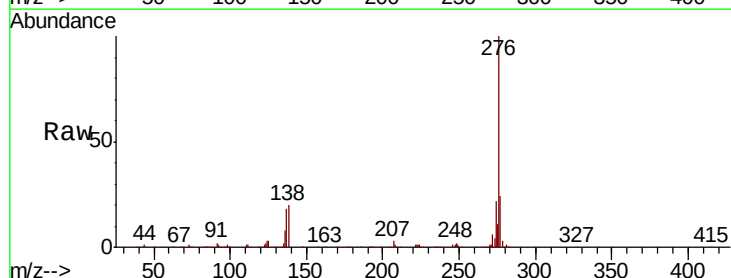
Tgt Ion:276 Resp: 1188932

Ion Ratio Lower Upper

276 100

277 24.5 18.6 28.0

138 20.2 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

