

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062519\
 Data File : BG041459.D
 Acq On : 26 Jun 2019 00:44
 Operator : HP/JU
 Sample : K3482-02MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MS

Quant Time: Jun 26 04:23:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	31512	20.00	ng	-0.04
21) Naphthalene-d8	10.86	136	110229	20.00	ng	-0.05
39) Acenaphthene-d10	14.69	164	77915	20.00	ng	-0.04
64) Phenanthrene-d10	17.43	188	200225	20.00	ng	-0.04
76) Chrysene-d12	21.70	240	216259	20.00	ng	-0.04
87) Perylene-d12	24.98	264	232691	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	214635	125.15	ng	-0.04
7) Phenol-d6	7.20	99	280257	112.74	ng	-0.04
23) Nitrobenzene-d5	9.22	82	243461	92.89	ng	-0.04
42) 2,4,6-Tribromophenol	16.18	330	173785	145.28	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	552368	96.36	ng	-0.04
79) Terphenyl-d14	20.03	244	1071313	98.17	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	27259	31.697	ng	# 32
3) Pyridine	3.86	79	60488	26.513	ng	92
4) n-Nitrosodimethylamine	3.77	42	42319	34.784	ng	95
6) Aniline	7.37	93	45839	13.266	ng	98
8) 2-Chlorophenol	7.61	128	84269	41.818	ng	98
9) Benzaldehyde	7.18	77	60583	38.102	ng	93
10) Phenol	7.23	94	92064	34.439	ng	98
11) bis(2-Chloroethyl)ether	7.46	93	78541	38.722	ng	98
12) 1,3-Dichlorobenzene	7.93	146	92924	36.828	ng	94
13) 1,4-Dichlorobenzene	8.08	146	97083	37.667	ng	94
14) 1,2-Dichlorobenzene	8.39	146	91545	37.186	ng	91
15) Benzyl Alcohol	8.29	79	81909	34.390	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	108744	32.750	ng	99
17) 2-Methylphenol	8.49	107	73186	38.294	ng	94
18) Hexachloroethane	9.12	117	37892	37.100	ng	91
19) n-Nitroso-di-n-propylamine	8.85	70	72618	36.118	ng	96
20) 3+4-Methylphenols	8.82	107	97245	38.222	ng	95
22) Acetophenone	8.87	105	141496	44.112	ng	# 95
24) Nitrobenzene	9.27	77	115889	43.964	ng	98
25) Isophorone	9.78	82	202195	42.049	ng	99
26) 2-Nitrophenol	9.98	139	48552	45.432	ng	92
27) 2,4-Dimethylphenol	10.03	122	78075	48.739	ng	95
28) bis(2-Chloroethoxy)methane	10.26	93	106408	42.470	ng	95
29) 2,4-Dichlorophenol	10.51	162	95043	47.850	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	110378	43.390	ng	95
31) Naphthalene	10.91	128	263342	43.958	ng	99
32) Benzoic acid	10.03	122	78075	74.871	ng	# 8
33) 4-Chloroaniline	11.05	127	9097	3.575	ng	# 92
34) Hexachlorobutadiene	11.17	225	84247	41.723	ng	97
35) Caprolactam	11.82	113	9823	14.365	ng	# 90
36) 4-Chloro-3-methylphenol	12.15	107	102039	44.476	ng	95
37) 2-Methylnaphthalene	12.51	142	191541	43.410	ng	96
38) 1-Methylnaphthalene	12.73	142	182904	43.326	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	148282	46.088	ng	98

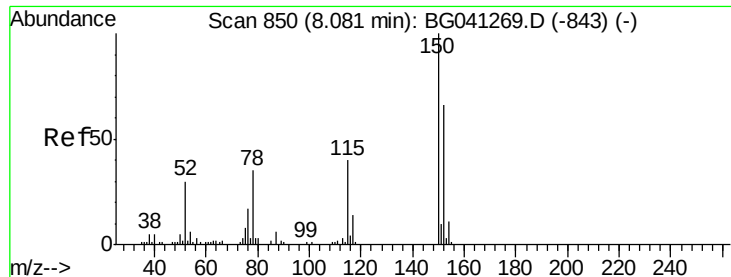
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062519\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	183469	84.658	ng	98
43) 2,4,6-Trichlorophenol	13.12	196	87947	44.188	ng	98
44) 2,4,5-Trichlorophenol	13.20	196	91740	44.798	ng	99
46) 1,1'-Biphenyl	13.52	154	265735	45.114	ng	99
47) 2-Chloronaphthalene	13.56	162	222522	43.879	ng	99
48) 2-Nitroaniline	13.78	65	71990	38.761	ng	90
49) Acenaphthylene	14.41	152	347683	45.181	ng	99
50) Dimethylphthalate	14.13	163	296359	42.749	ng	99
51) 2,6-Dinitrotoluene	14.27	165	63619	43.522	ng	95
52) Acenaphthene	14.75	154	201706	44.637	ng	95
53) 3-Nitroaniline	14.61	138	15737	10.927	ng	# 97
54) 2,4-Dinitrophenol	14.81	184	18354	21.251	ng	96
55) Dibenzofuran	15.08	168	359284	45.729	ng	99
56) 4-Nitrophenol	14.91	139	75874	69.777	ng	94
57) 2,4-Dinitrotoluene	15.06	165	92371	43.229	ng	# 96
58) Fluorene	15.73	166	281476	45.543	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.31	232	98406	46.468	ng	97
60) Diethylphthalate	15.48	149	301130	42.735	ng	98
61) 4-Chlorophenyl-phenylether	15.71	204	178643	44.425	ng	98
62) 4-Nitroaniline	15.77	138	52805	34.282	ng	97
63) Azobenzene	16.01	77	264370	42.055	ng	98
65) 4,6-Dinitro-2-methylphenol	15.82	198	26051	20.045	ng	99
66) n-Nitrosodiphenylamine	15.93	169	251476	47.301	ng	99
67) 4-Bromophenyl-phenylether	16.61	248	117096	45.229	ng	100
68) Hexachlorobenzene	16.72	284	124582	44.937	ng	97
69) Atrazine	16.88	200	112423	Below Cal		95
70) Pentachlorophenol	17.08	266	101019	71.160	ng	97
71) Phenanthrene	17.47	178	489826	45.869	ng	99
72) Anthracene	17.56	178	500373	47.529	ng	99
73) Carbazole	17.84	167	428358	46.513	ng	98
74) Di-n-butylphthalate	18.36	149	513843	44.716	ng	99
75) Fluoranthene	19.48	202	657646	46.356	ng	99
77) Benzidine	19.67	184	75624	14.457	ng	99
78) Pyrene	19.84	202	665614	45.638	ng	99
80) Butylbenzylphthalate	20.71	149	239777	43.465	ng	99
81) Benzo(a)anthracene	21.68	228	662198	45.224	ng	98
82) 3,3'-Dichlorobenzidine	21.60	252	70707	13.756	ng	97
83) Chrysene	21.75	228	644056	45.738	ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	335053	44.567	ng	99
85) Di-n-octyl phthalate	22.77	149	580276	45.622	ng	97
86) Indeno(1,2,3-cd)pyrene	28.76	276	765747	45.834	ng	# 98
88) Benzo(b)fluoranthene	23.93	252	661816	45.894	ng	97
89) Benzo(k)fluoranthene	24.00	252	659409	46.159	ng	100
90) Benzo(a)pyrene	24.83	252	642987	47.212	ng	99
91) Dibenzo(a,h)anthracene	28.82	278	635994	46.385	ng	98
92) Benzo(g,h,i)perylene	29.96	276	629816	46.481	ng	96

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

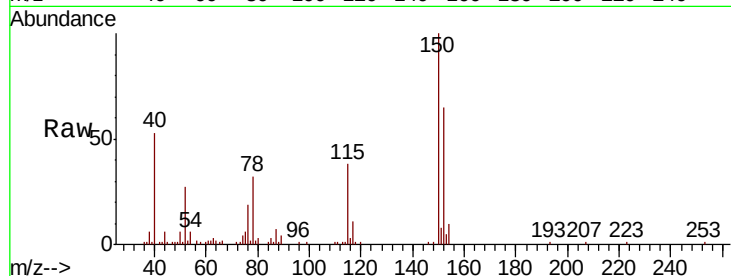


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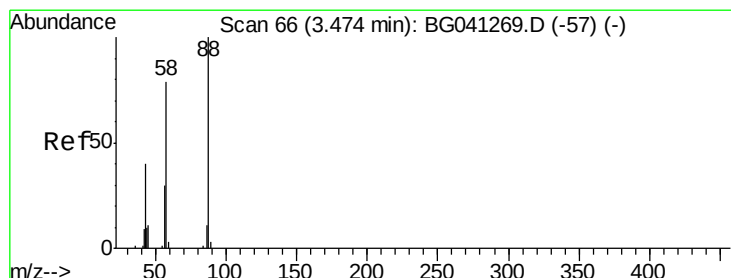
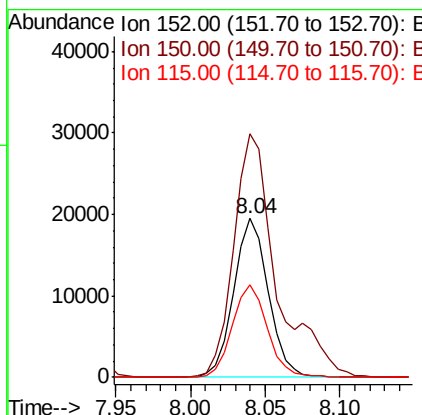
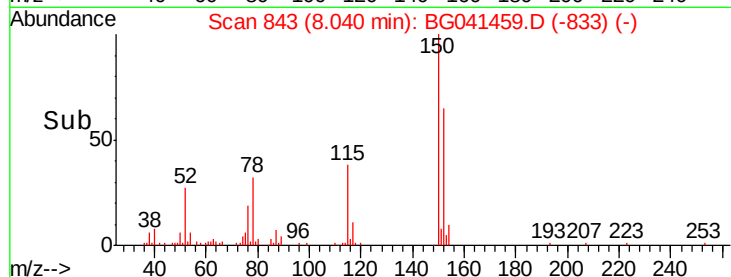
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.04 min
Lab File: BG041459.D
Acq: 26 Jun 2019 00:44

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tgt Ion:152 Resp: 31512
Ion Ratio Lower Upper
152 100
150 153.5 120.6 181.0
115 58.5 47.9 71.9



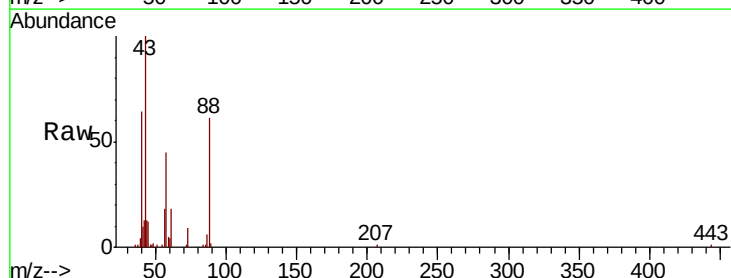
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



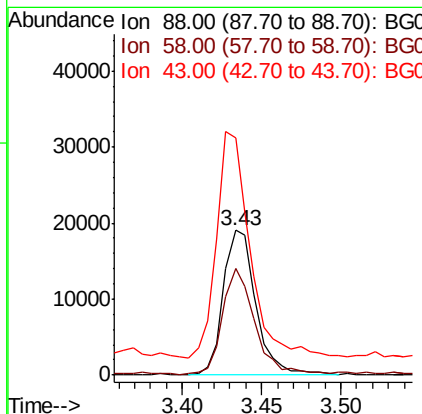
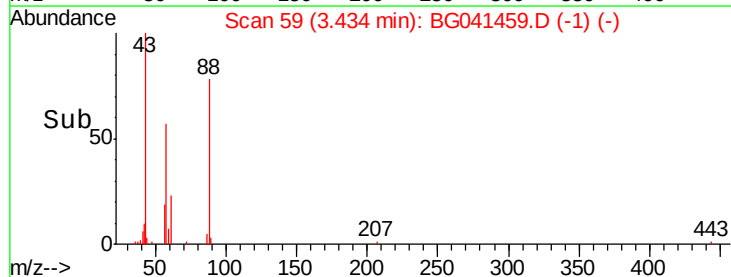
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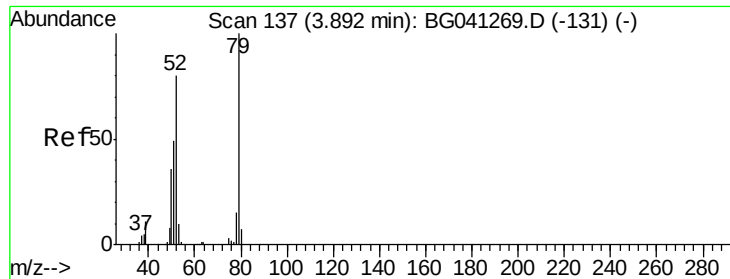
1,4-Dioxane
Concen: 31.697 ng
RT: 3.43 min Scan# 59
Delta R.T. -0.04 min
Lab File: BG041459.D
Acq: 26 Jun 2019 00:44

Tgt Ion: 88 Resp: 27259
Ion Ratio Lower Upper
88 100
58 73.6 59.7 89.5
43 159.5 31.9 47.9#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 26.513 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.04 min

Lab File: BG041459.D

Acq: 26 Jun 2019 00:44

Instrument :

BNA_G

ClientSampleId :

TP-1MS

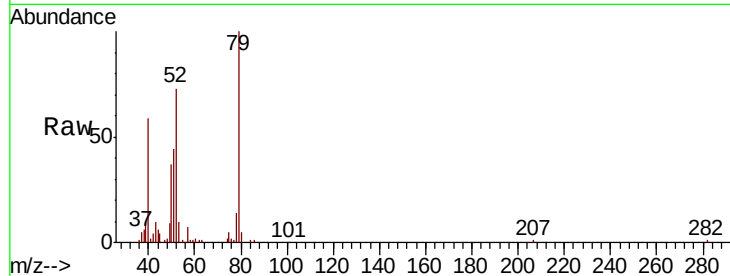
Tgt Ion: 79 Resp: 60488

Ion Ratio Lower Upper

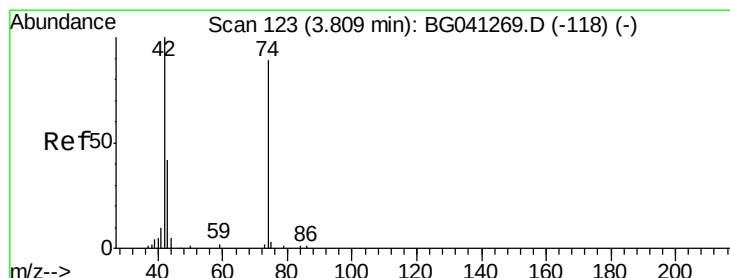
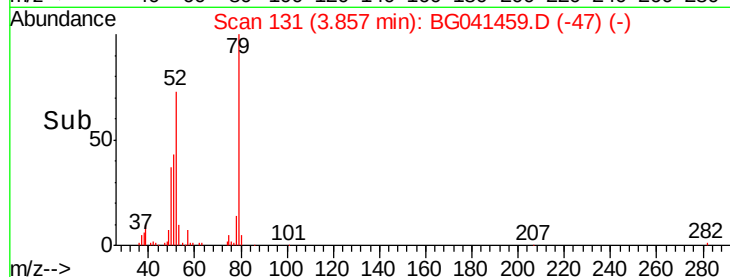
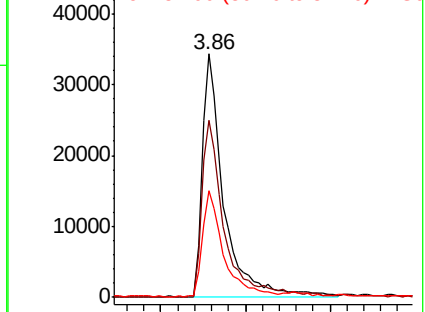
79 100

52 72.9 63.6 95.4

51 43.7 39.8 59.6



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 34.784 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.04 min

Lab File: BG041459.D

Acq: 26 Jun 2019 00:44

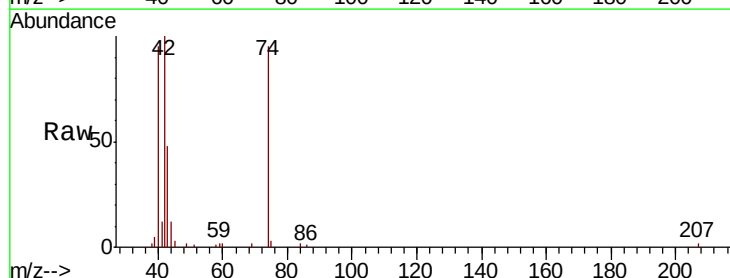
Tgt Ion: 42 Resp: 42319

Ion Ratio Lower Upper

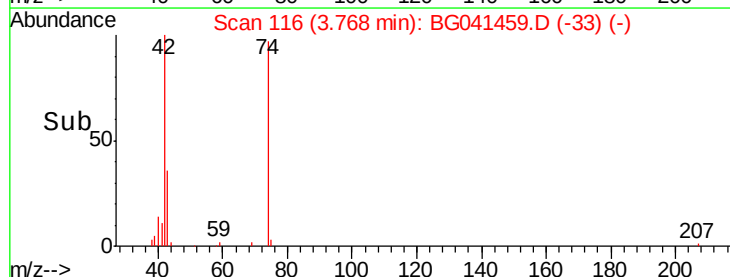
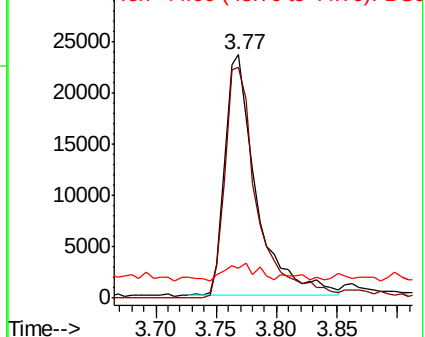
42 100

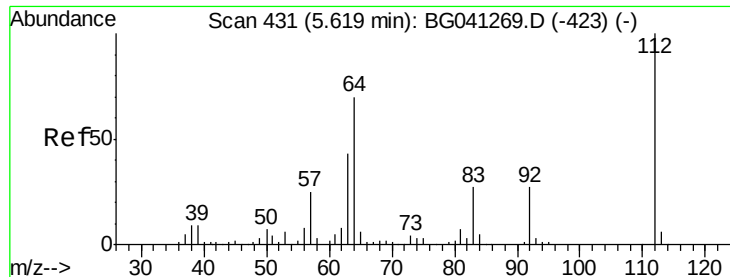
74 94.6 71.6 107.4

44 12.3 9.0 13.4



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 125.150 ng

RT: 5.58 min Scan# 425

Delta R.T. -0.04 min

Lab File: BG041459.D

Acq: 26 Jun 2019 00:44

Instrument :

BNA_G

ClientSampleId :

TP-1MS

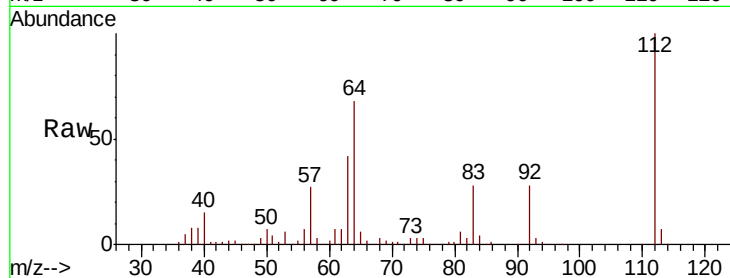
Tgt Ion: 112 Resp: 214635

Ion Ratio Lower Upper

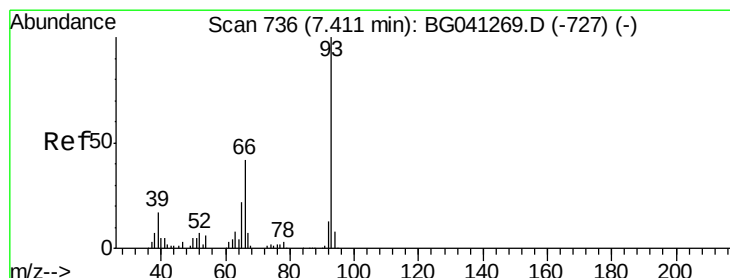
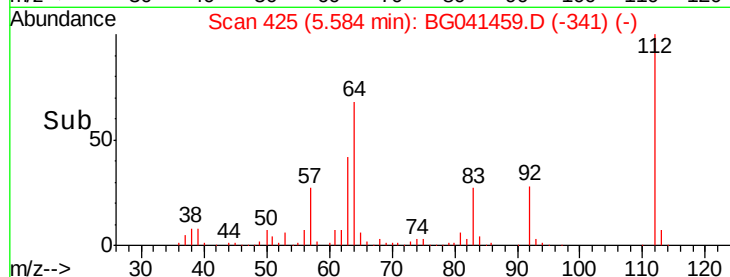
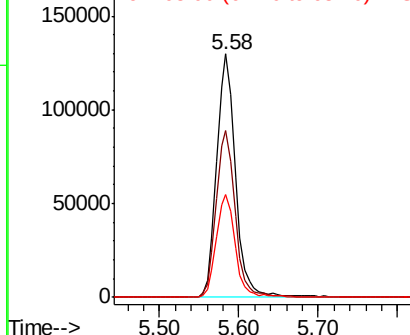
112 100

64 68.4 55.9 83.9

63 42.1 34.6 51.8



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: 13.266 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.04 min

Lab File: BG041459.D

Acq: 26 Jun 2019 00:44

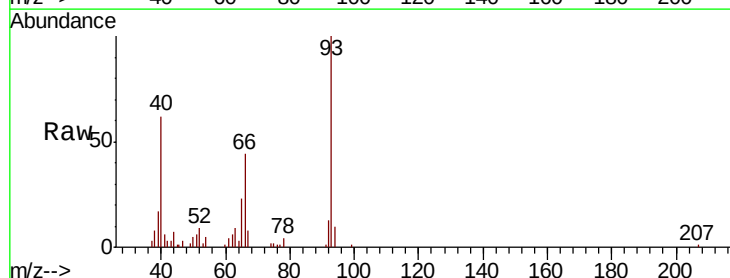
Tgt Ion: 93 Resp: 45839

Ion Ratio Lower Upper

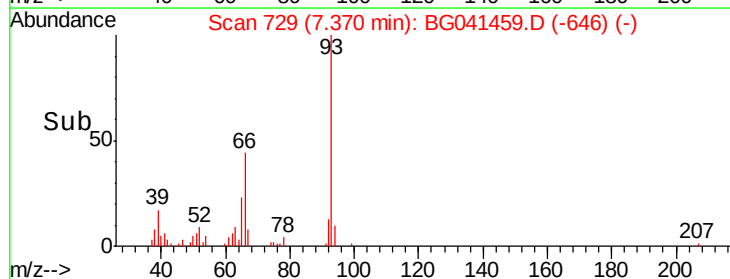
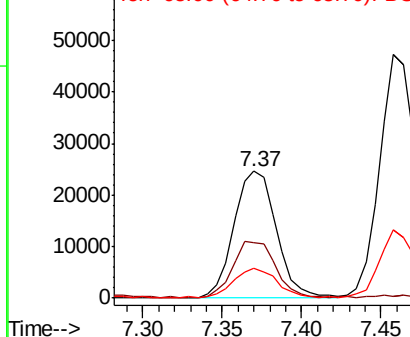
93 100

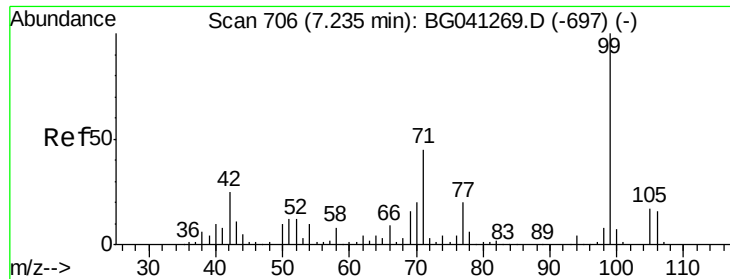
66 44.1 34.2 51.2

65 23.4 17.7 26.5



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: 112.737 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.04 min

Lab File: BG041459.D

Acq: 26 Jun 2019 00:44

Instrument :

BNA_G

ClientSampleId :

TP-1MS

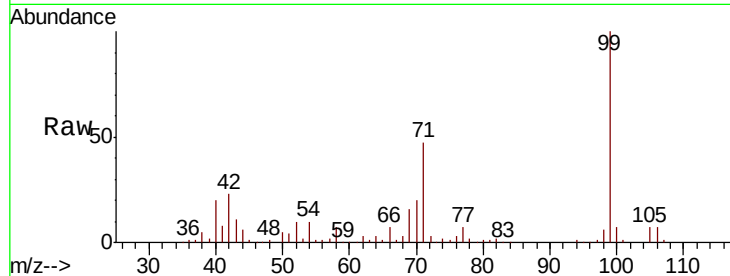
Tgt Ion: 99 Resp: 280257

Ion Ratio Lower Upper

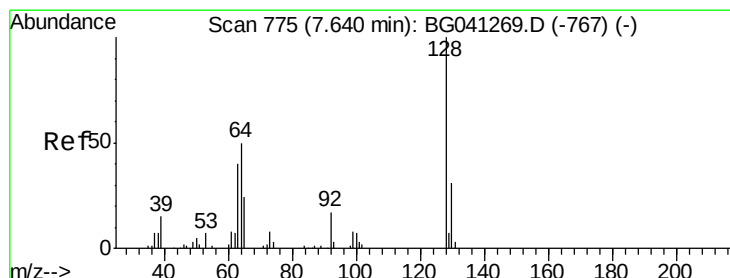
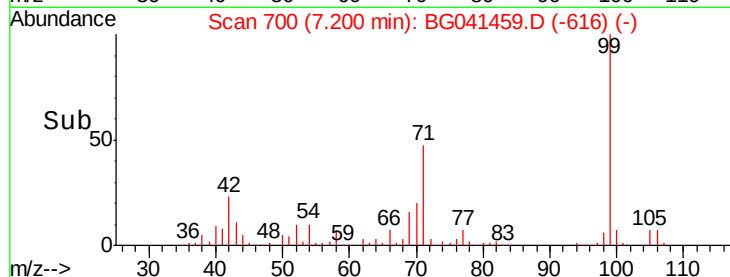
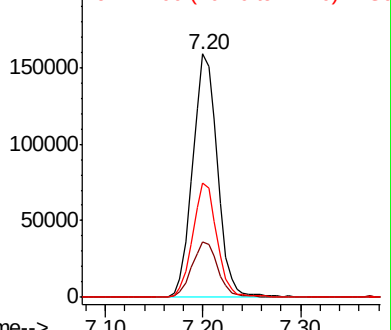
99 100

42 22.7 19.9 29.9

71 47.2 36.4 54.6



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 41.818 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.04 min

Lab File: BG041459.D

Acq: 26 Jun 2019 00:44

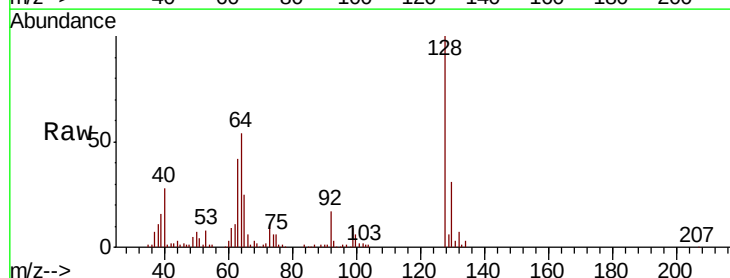
Tgt Ion: 128 Resp: 84269

Ion Ratio Lower Upper

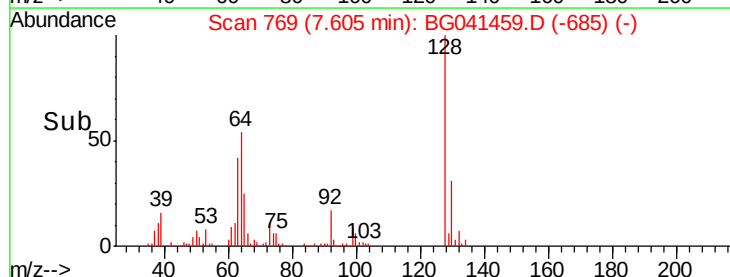
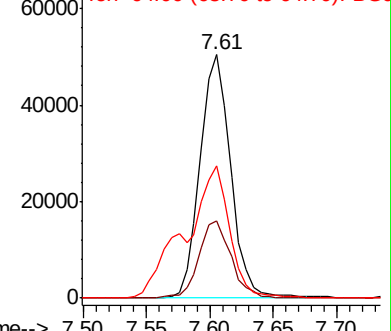
128 100

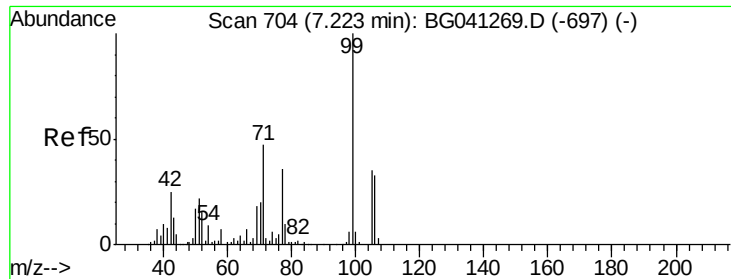
130 31.5 11.1 51.1

64 54.2 36.6 76.6



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: 38.102 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.04 min

Lab File: BG041459.D

Acq: 26 Jun 2019 00:44

Instrument :

BNA_G

ClientSampleId :

TP-1MS

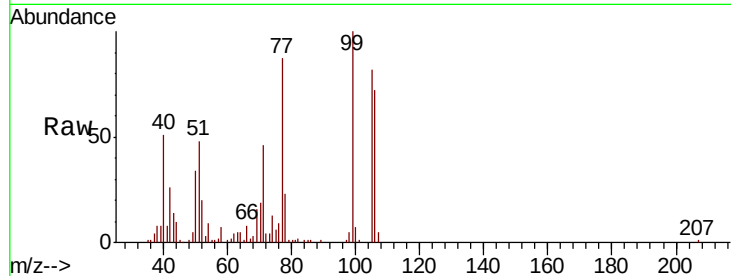
Tgt Ion: 77 Resp: 60583

Ion Ratio Lower Upper

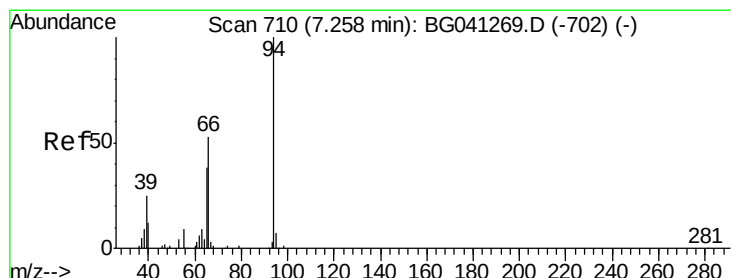
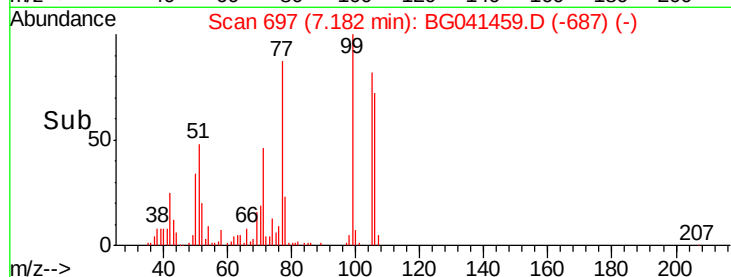
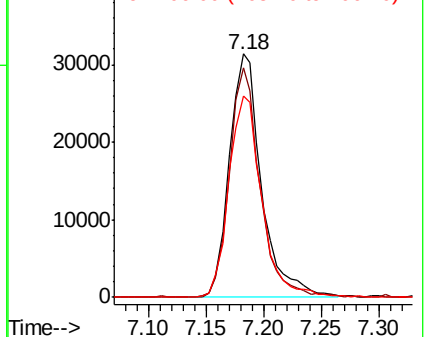
77 100

105 94.5 78.7 118.7

106 82.5 71.1 111.1



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: 34.439 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.03 min

Lab File: BG041459.D

Acq: 26 Jun 2019 00:44

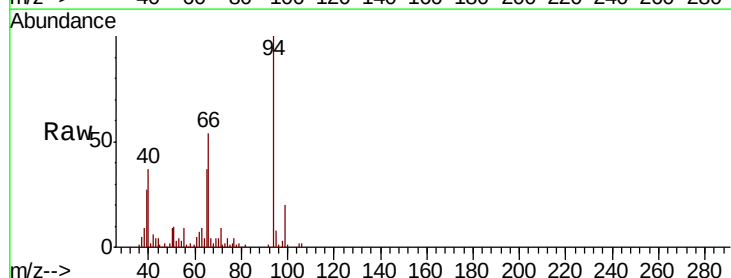
Tgt Ion: 94 Resp: 92064

Ion Ratio Lower Upper

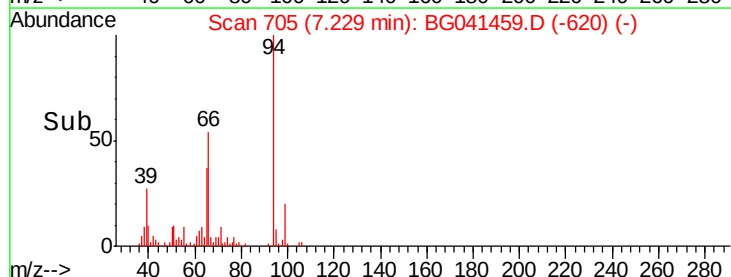
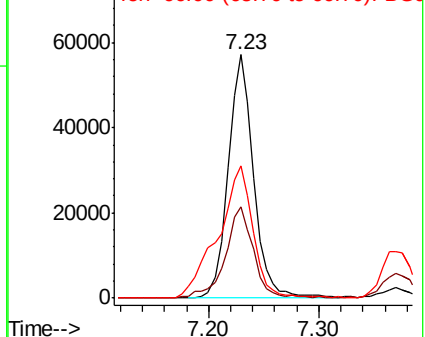
94 100

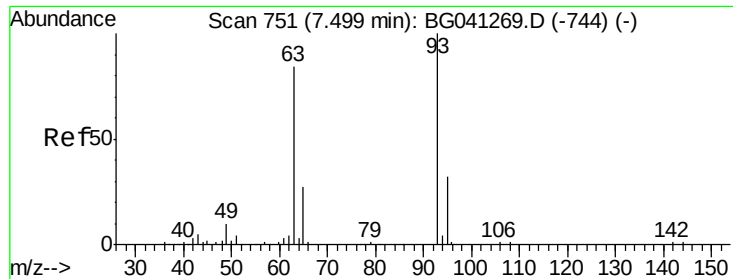
65 37.3 18.7 58.7

66 54.2 35.5 75.5



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: 38.722 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.04 min

Lab File: BG041459.D

Acq: 26 Jun 2019 00:44

Instrument :

BNA_G

ClientSampleId :

TP-1MS

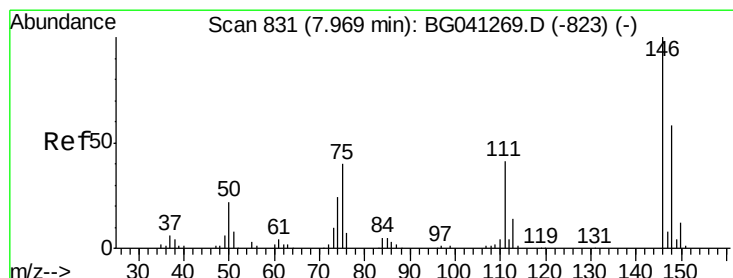
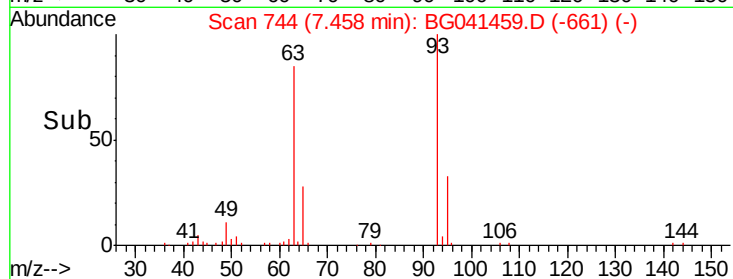
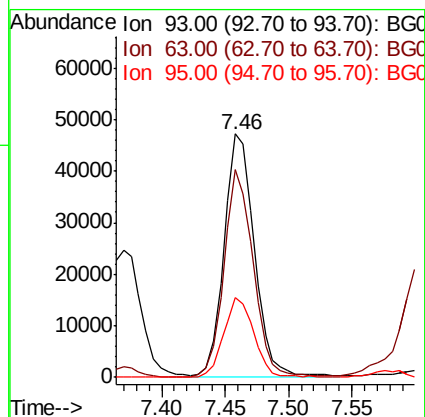
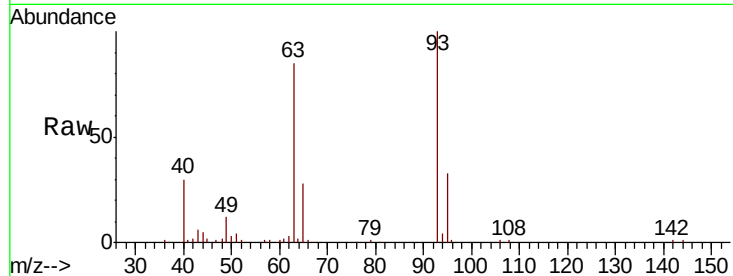
Tgt Ion: 93 Resp: 78541

Ion Ratio Lower Upper

93 100

63 85.2 63.6 103.6

95 32.7 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 36.828 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.04 min

Lab File: BG041459.D

Acq: 26 Jun 2019 00:44

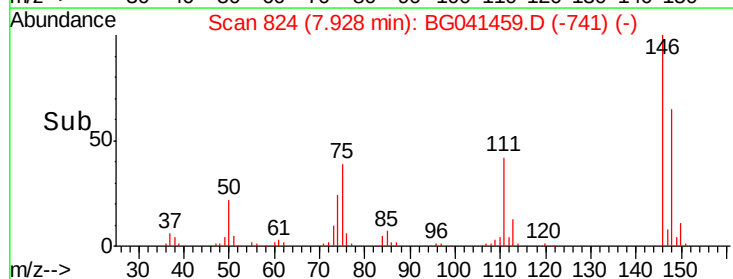
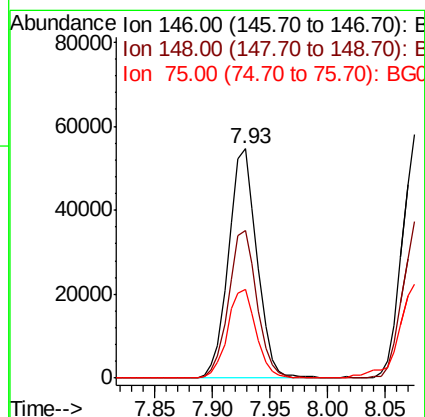
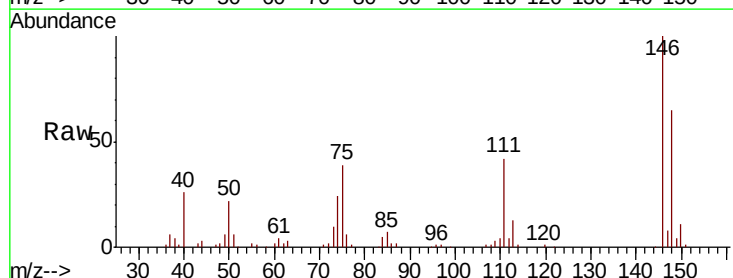
Tgt Ion: 146 Resp: 92924

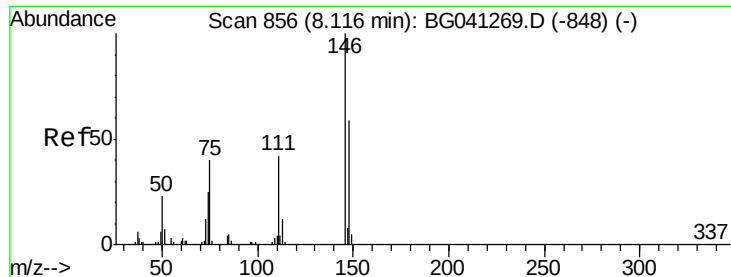
Ion Ratio Lower Upper

146 100

148 64.7 46.5 69.7

75 38.7 32.2 48.4

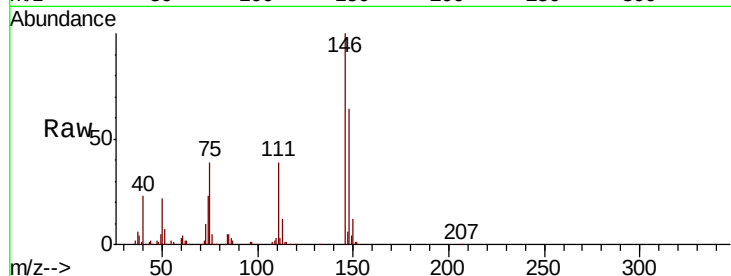




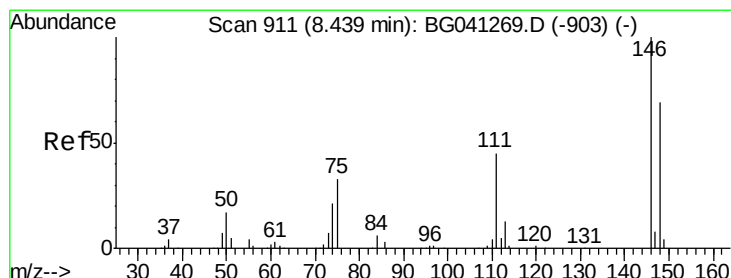
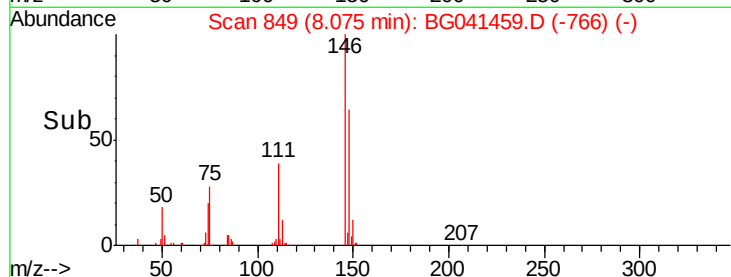
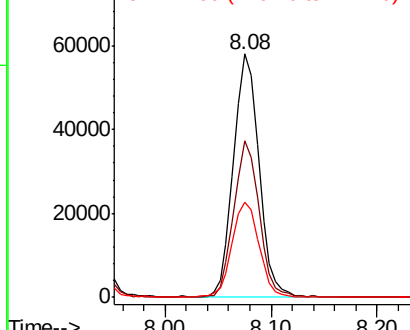
#13
 1,4-Dichlorobenzene
 Concen: 37.667 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.04 min
 Lab File: BG041459.D
 Acq: 26 Jun 2019 00:44

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MS

Tgt Ion:146 Resp: 97083
 Ion Ratio Lower Upper
 146 100
 148 64.2 47.3 70.9
 111 39.0 33.4 50.0

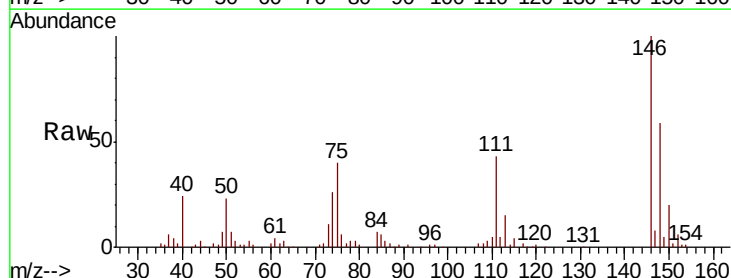


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

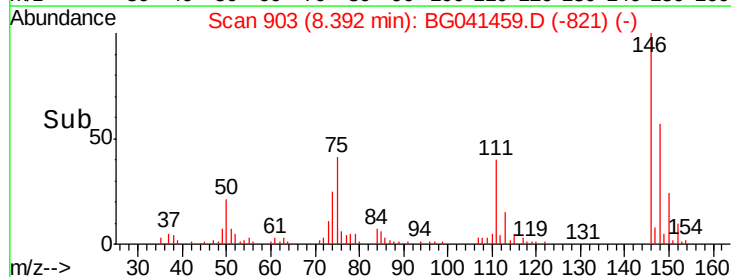
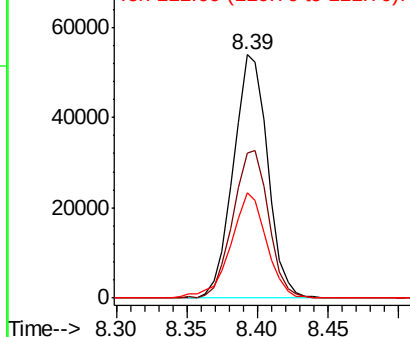


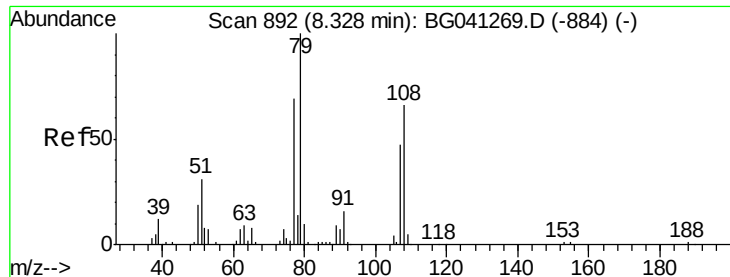
#14
 1,2-Dichlorobenzene
 Concen: 37.186 ng
 RT: 8.39 min Scan# 903
 Delta R.T. -0.05 min
 Lab File: BG041459.D
 Acq: 26 Jun 2019 00:44

Tgt Ion:146 Resp: 91545
 Ion Ratio Lower Upper
 146 100
 148 59.4 54.9 82.3
 111 43.2 37.0 55.6



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





#15

Benzyl Alcohol

Concen: 34.390 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.04 min

Lab File: BG041459.D

Acq: 26 Jun 2019 00:44

Instrument :

BNA_G

ClientSampleId :

TP-1MS

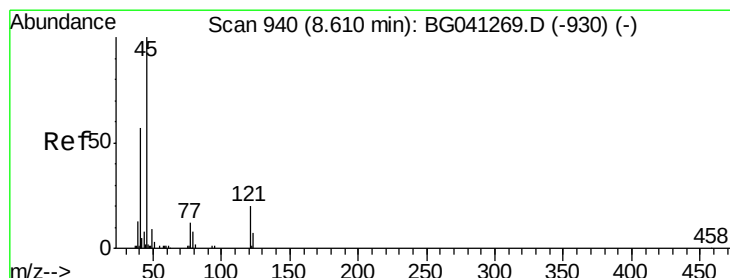
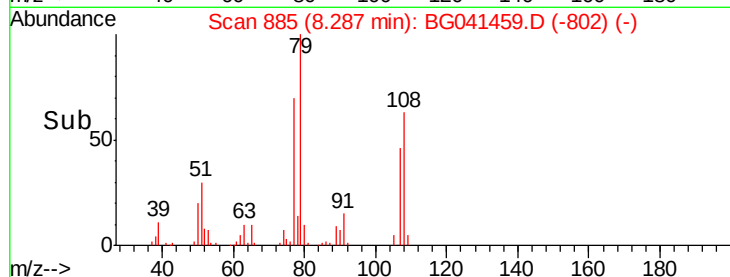
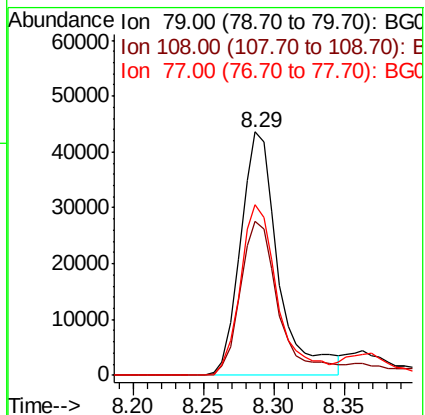
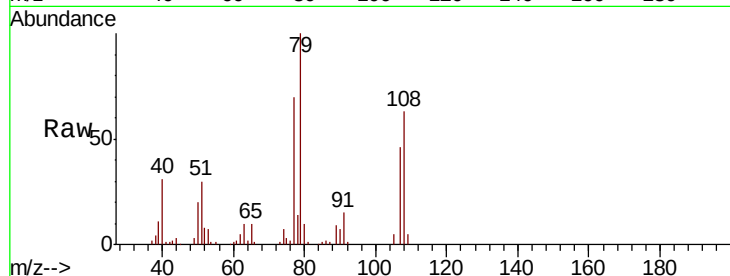
Tgt Ion: 79 Resp: 81909

Ion Ratio Lower Upper

79 100

108 63.2 52.7 79.1

77 70.0 55.2 82.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.750 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.05 min

Lab File: BG041459.D

Acq: 26 Jun 2019 00:44

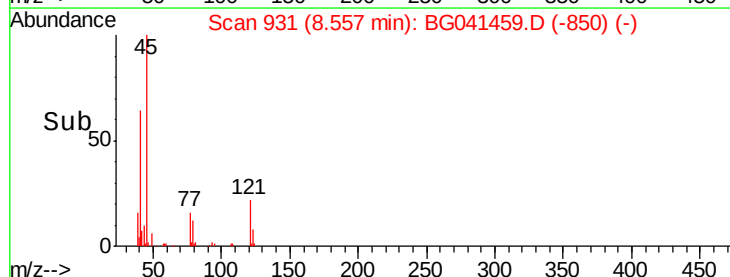
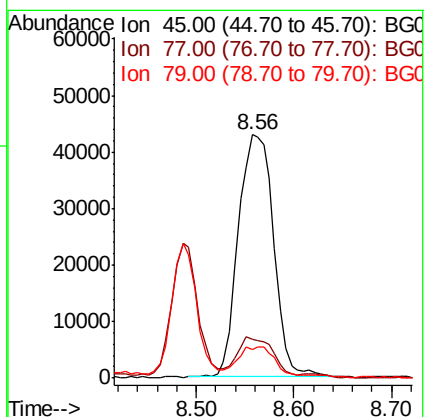
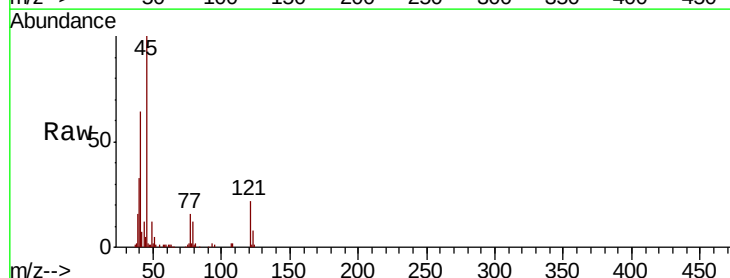
Tgt Ion: 45 Resp: 108744

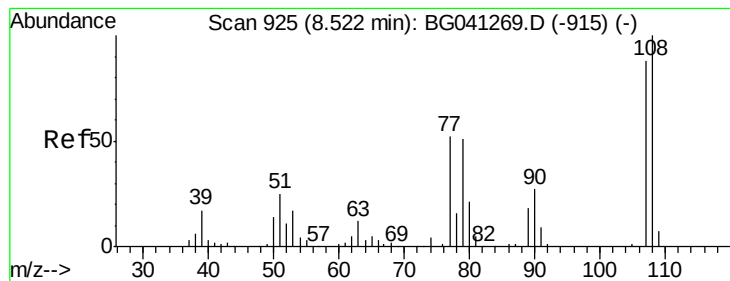
Ion Ratio Lower Upper

45 100

77 15.8 0.0 35.2

79 11.8 0.0 31.6





#17

2-Methylphenol

Concen: 38.294 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.04 min

Lab File: BG041459.D

Acq: 26 Jun 2019 00:44

Instrument :

BNA_G

ClientSampleId :

TP-1MS

Tgt Ion:107 Resp: 73186

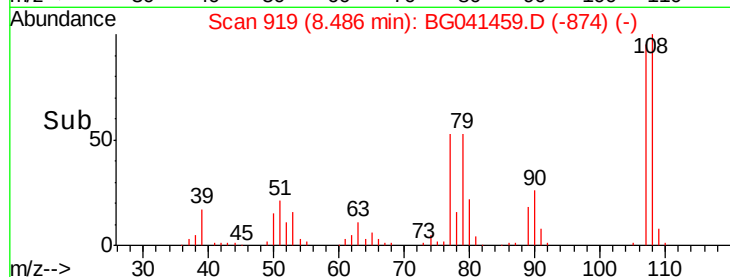
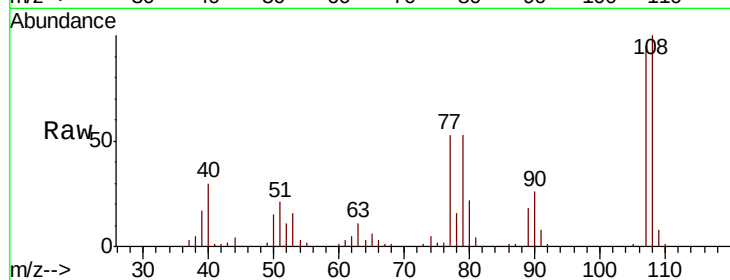
Ion Ratio Lower Upper

107 100

108 105.3 91.7 137.5

77 56.3 47.8 71.8

79 56.1 46.8 70.2

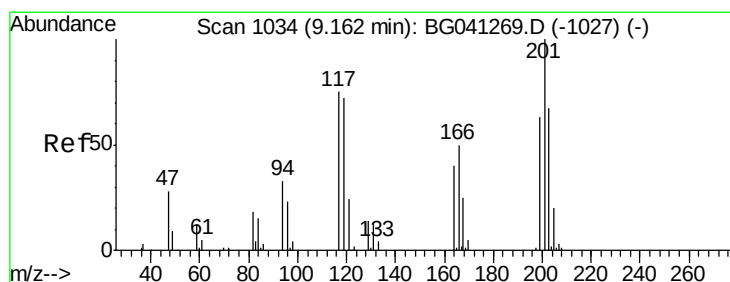
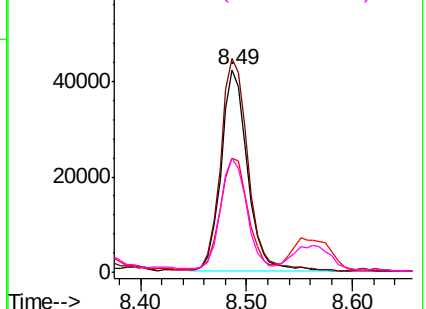


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 37.100 ng

RT: 9.12 min Scan# 1027

Delta R.T. -0.04 min

Lab File: BG041459.D

Acq: 26 Jun 2019 00:44

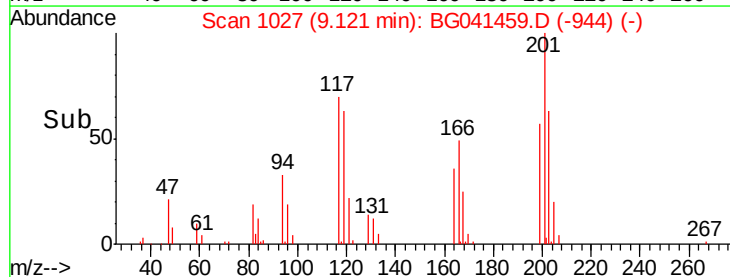
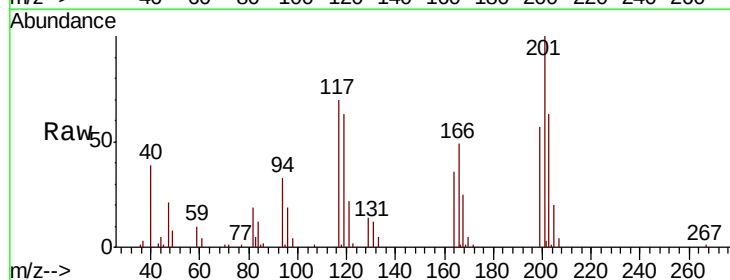
Tgt Ion:117 Resp: 37892

Ion Ratio Lower Upper

117 100

119 89.5 76.8 115.2

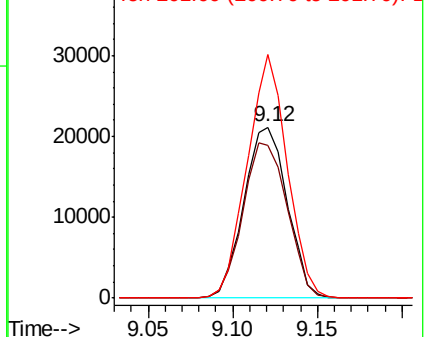
201 146.4 106.3 159.5

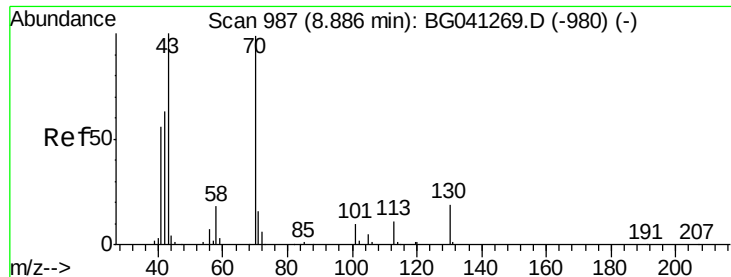


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

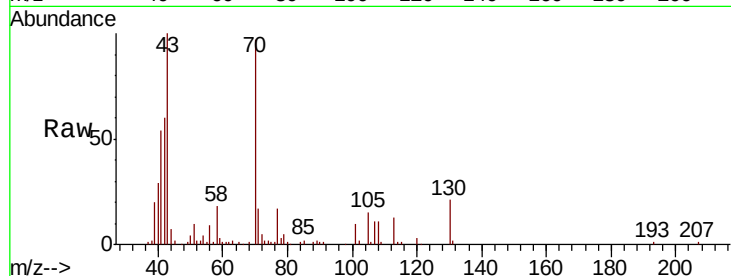




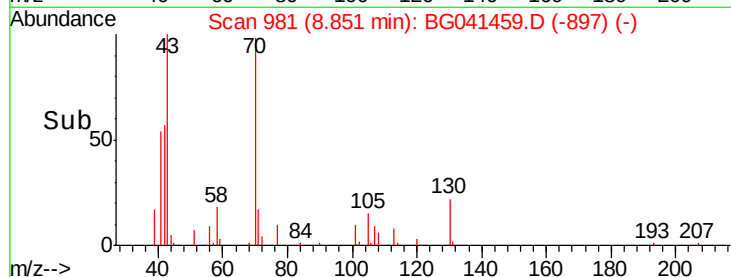
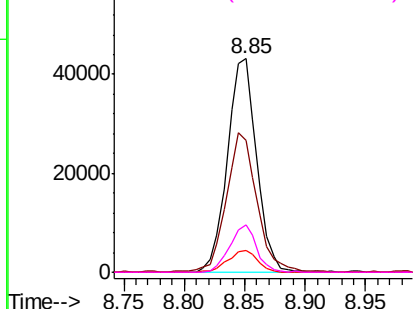
#19
n-Nitroso-di-n-propylamine
Concen: 36.118 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.04 min
Lab File: BG041459.D
Acq: 26 Jun 2019 00:44

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tgt Ion:	70	Resp:	72618
Ion	Ratio	Lower	Upper
70	100		
42	61.9	51.4	77.2
101	10.3	8.2	12.2
130	22.0	15.2	22.8



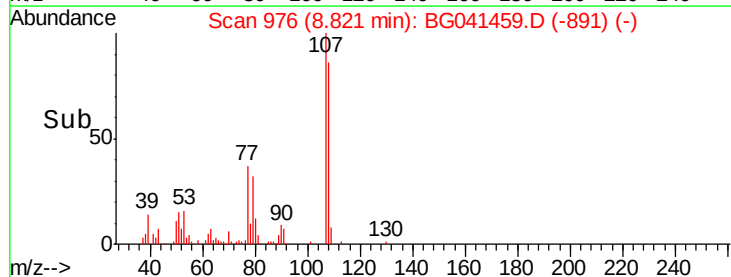
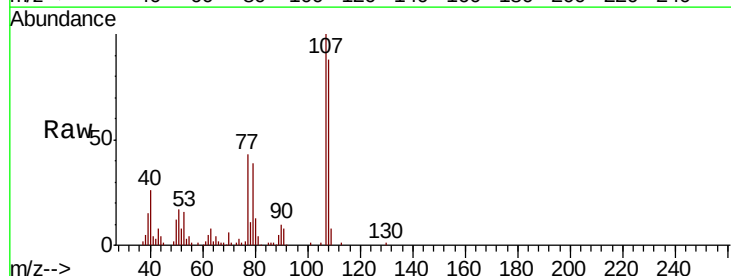
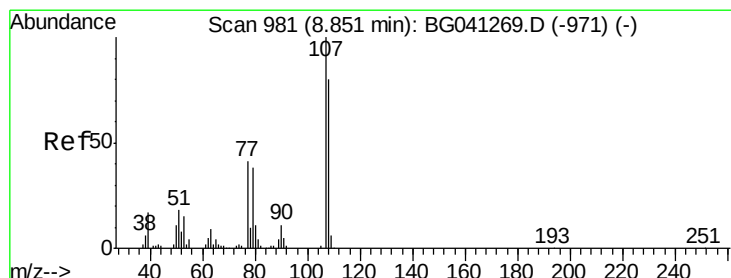
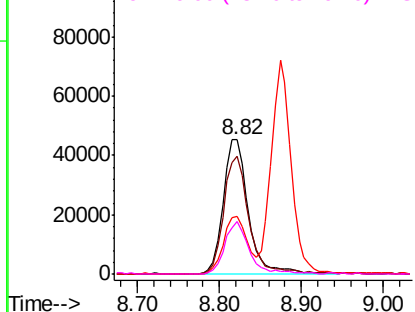
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

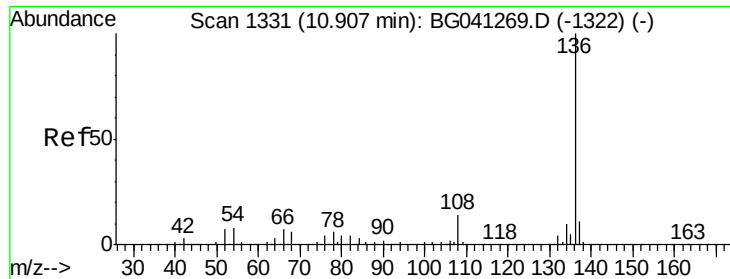


#20
3+4-Methylphenols
Concen: 38.222 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.03 min
Lab File: BG041459.D
Acq: 26 Jun 2019 00:44

Tgt Ion:	107	Resp:	97245
Ion	Ratio	Lower	Upper
107	100		
108	87.6	60.4	100.4
77	42.5	21.2	61.2
79	39.1	17.7	57.7

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

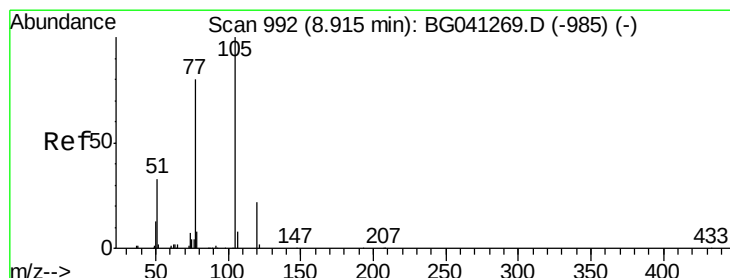
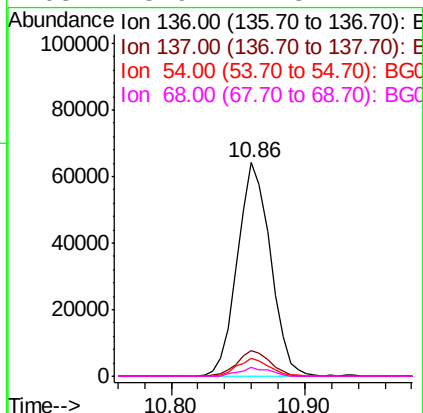
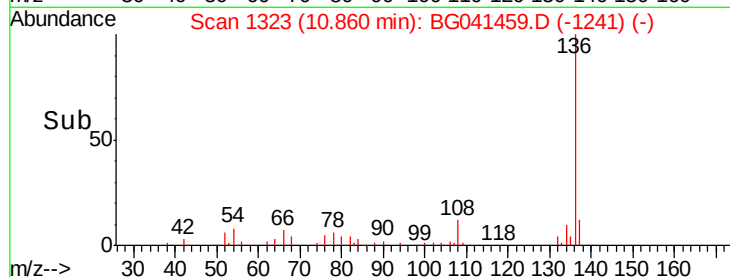
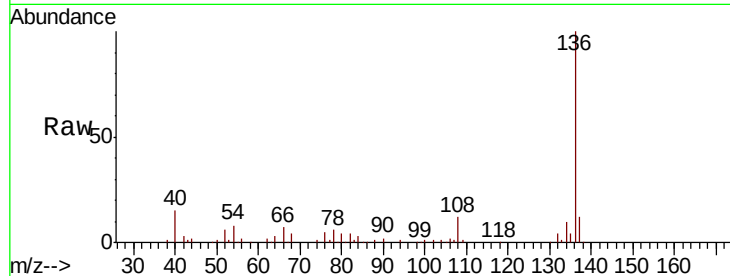




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.05 min
Lab File: BG041459.D
Acq: 26 Jun 2019 00:44

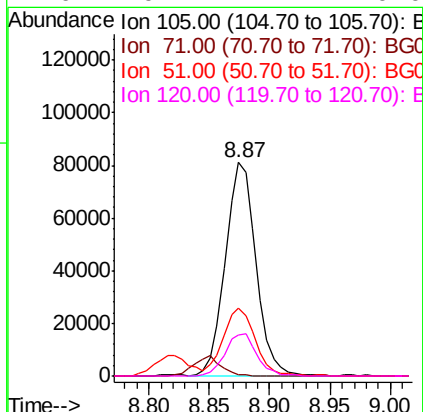
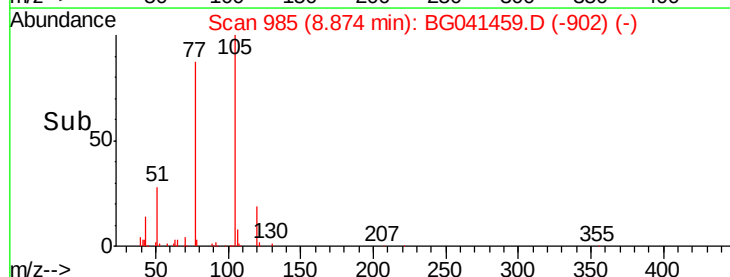
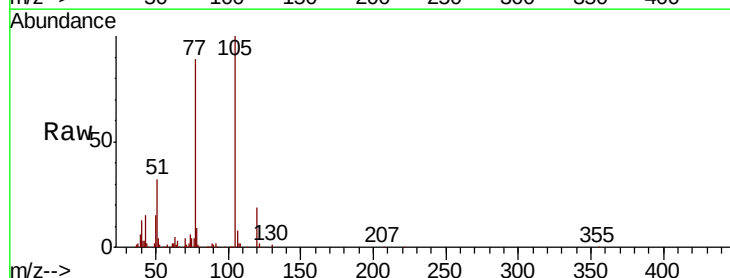
Instrument :
BNA_G
ClientSampleId :
TP-1MS

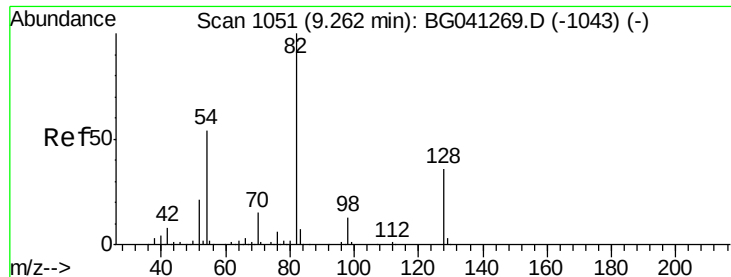
Tgt Ion:	136	Resp:	110229
Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.8	13.2
54	8.3	6.4	9.6
68	3.9	4.8	7.2#



#22
Acetophenone
Concen: 44.112 ng
RT: 8.87 min Scan# 985
Delta R.T. -0.04 min
Lab File: BG041459.D
Acq: 26 Jun 2019 00:44

Tgt Ion:	105	Resp:	141496
Ion	Ratio	Lower	Upper
105	100		
71	0.7	0.4	0.6#
51	31.9	28.2	42.4
120	19.4	17.4	26.0

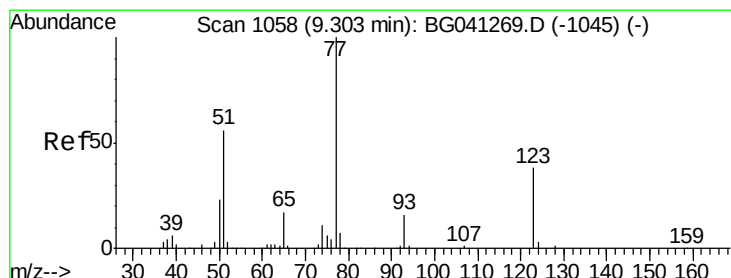
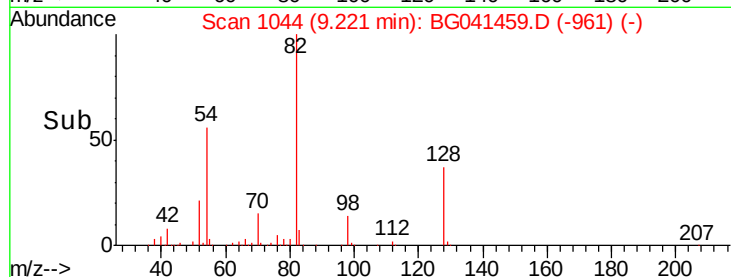
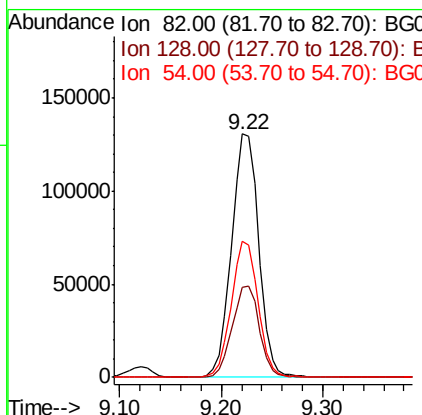
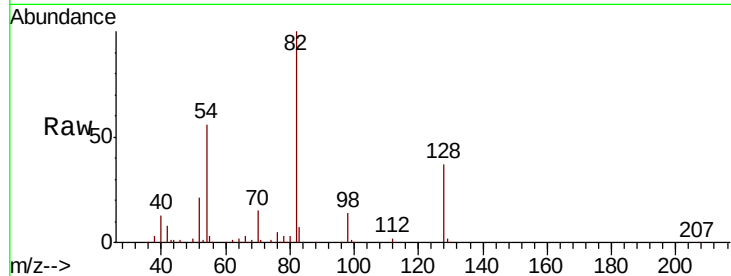




#23
Nitrobenzene-d5
Concen: 92.889 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.04 min
Lab File: BG041459.D
Acq: 26 Jun 2019 00:44

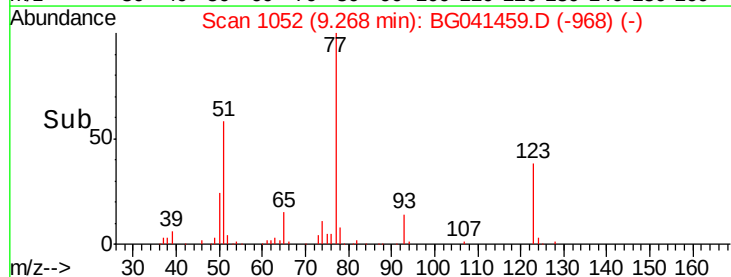
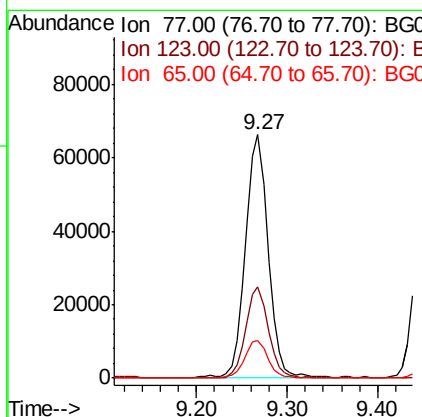
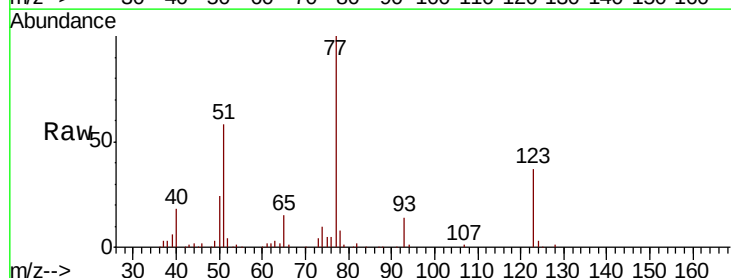
Instrument :
BNA_G
ClientSampleId :
TP-1MS

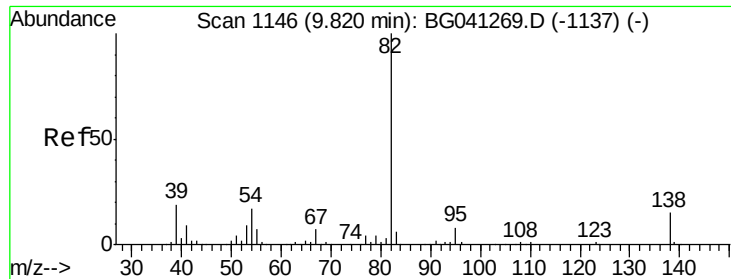
Tgt Ion: 82 Resp: 243461
Ion Ratio Lower Upper
82 100
128 37.1 29.2 43.8
54 56.0 43.4 65.0



#24
Nitrobenzene
Concen: 43.964 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.04 min
Lab File: BG041459.D
Acq: 26 Jun 2019 00:44

Tgt Ion: 77 Resp: 115889
Ion Ratio Lower Upper
77 100
123 37.5 30.4 45.6
65 15.2 13.3 19.9





#25

Isophorone

Concen: 42.049 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.04 min

Lab File: BG041459.D

Acq: 26 Jun 2019 00:44

Instrument :

BNA_G

ClientSampleId :

TP-1MS

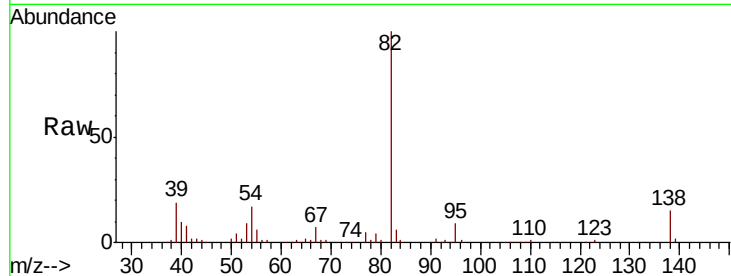
Tgt Ion: 82 Resp: 202195

Ion Ratio Lower Upper

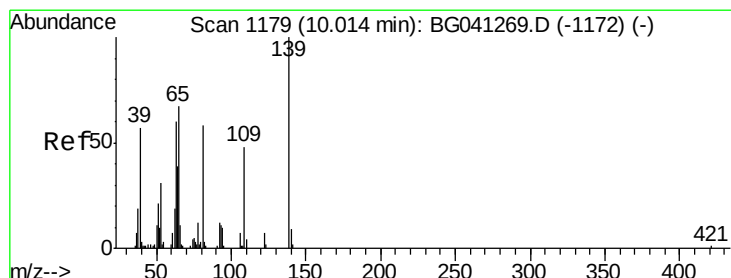
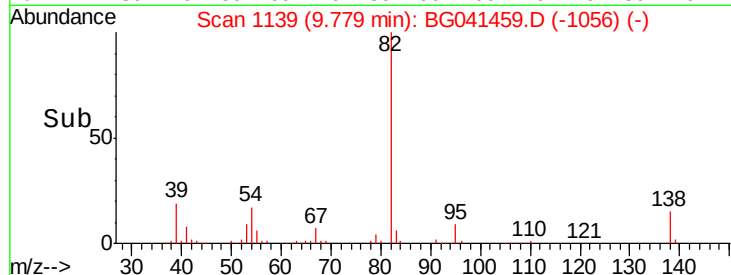
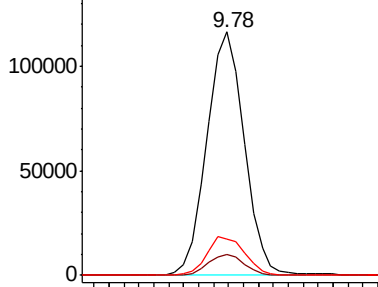
82 100

95 8.8 6.6 10.0

138 14.9 12.3 18.5



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 45.432 ng

RT: 9.98 min Scan# 1173

Delta R.T. -0.04 min

Lab File: BG041459.D

Acq: 26 Jun 2019 00:44

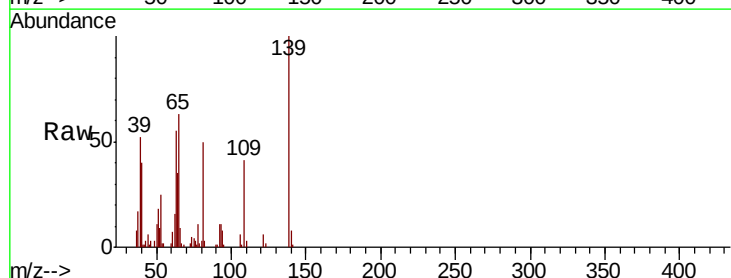
Tgt Ion: 139 Resp: 48552

Ion Ratio Lower Upper

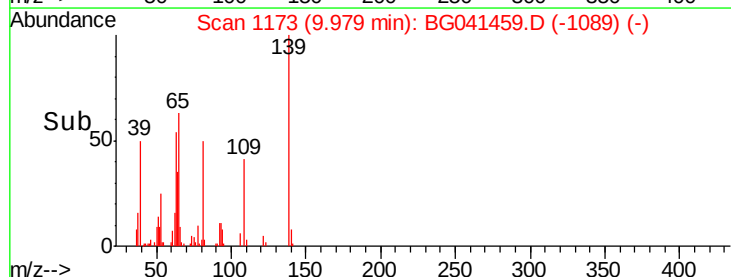
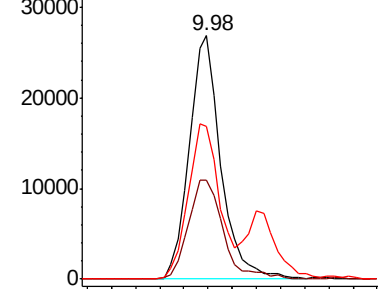
139 100

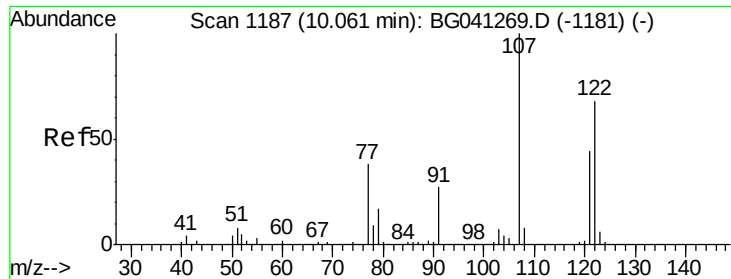
109 40.9 38.4 57.6

65 62.5 53.6 80.4



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

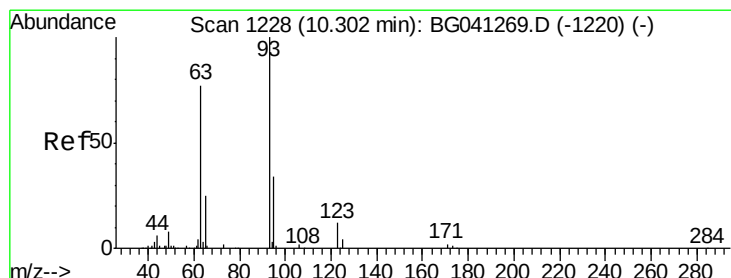
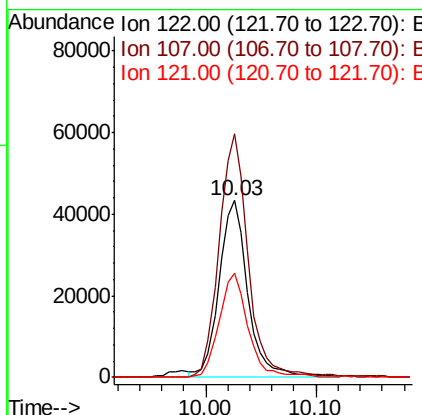
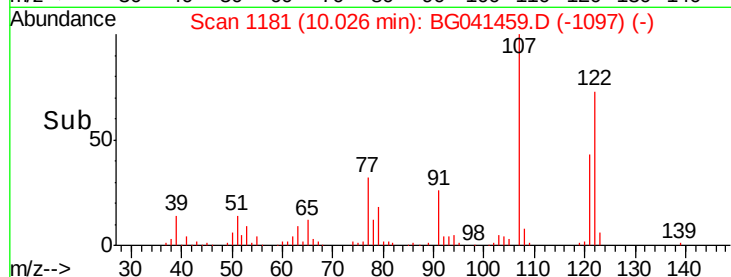
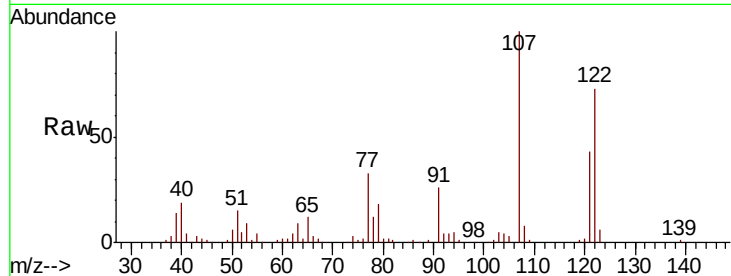




#27
2,4-Dimethylphenol
Concen: 48.739 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.04 min
Lab File: BG041459.D
Acq: 26 Jun 2019 00:44

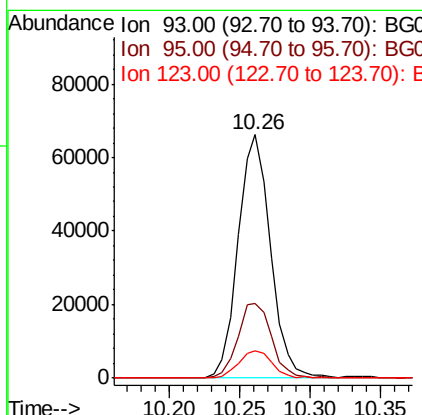
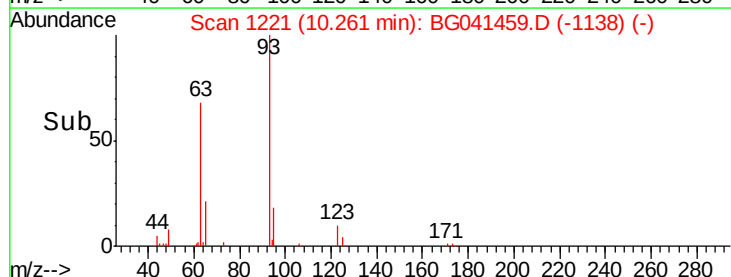
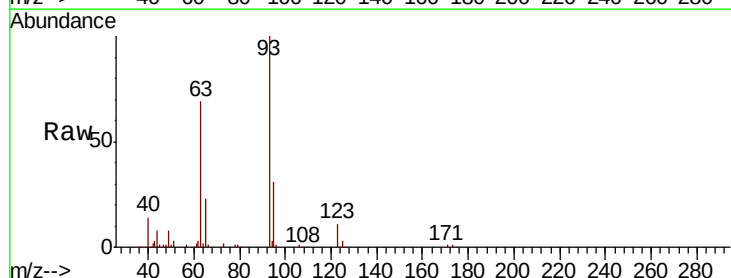
Instrument :
BNA_G
ClientSampleId :
TP-1MS

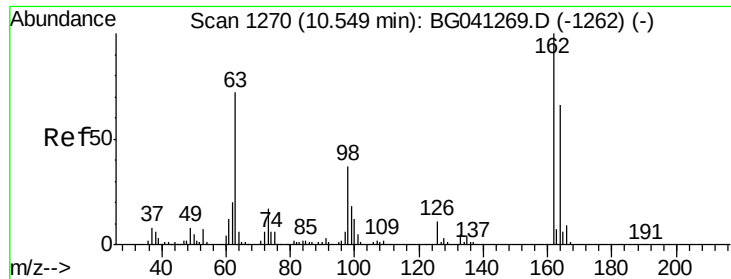
Tgt Ion: 122 Resp: 78075
Ion Ratio Lower Upper
122 100
107 137.8 115.1 172.7
121 58.9 50.1 75.1



#28
bis(2-Chloroethoxy)methane
Concen: 42.470 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.04 min
Lab File: BG041459.D
Acq: 26 Jun 2019 00:44

Tgt Ion: 93 Resp: 106408
Ion Ratio Lower Upper
93 100
95 30.8 27.3 40.9
123 11.3 9.6 14.4

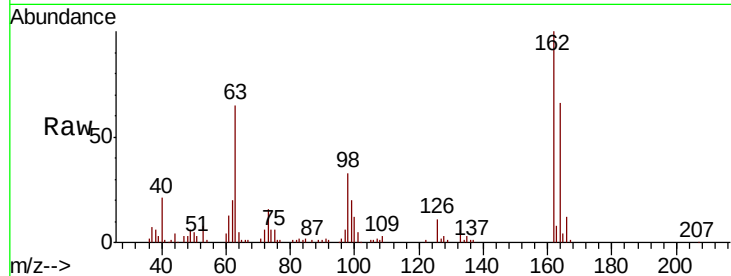




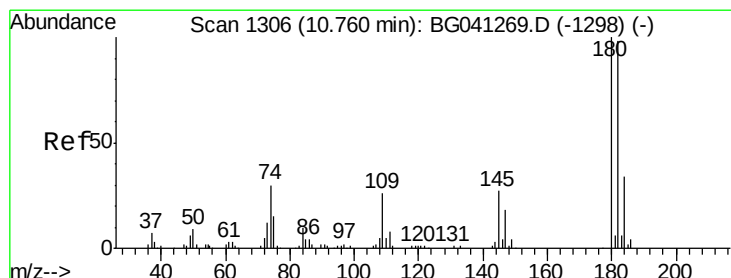
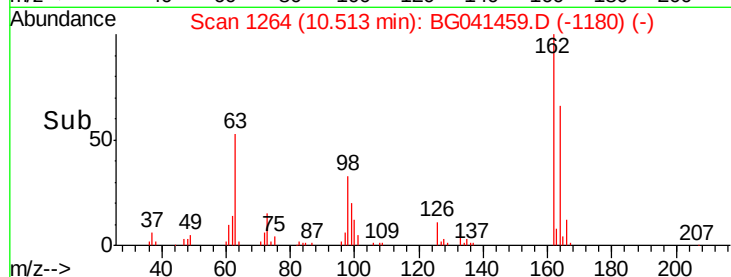
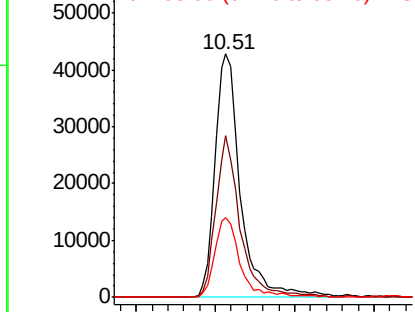
#29
 2,4-Dichlorophenol
 Concen: 47.850 ng
 RT: 10.51 min Scan# 1264
 Delta R.T. -0.04 min
 Lab File: BG041459.D
 Acq: 26 Jun 2019 00:44

Instrument :
 BNA_G
 ClientSampled :
 TP-1MS

Tgt Ion:162 Resp: 95043
 Ion Ratio Lower Upper
 162 100
 164 66.4 46.0 86.0
 98 32.6 17.4 57.4

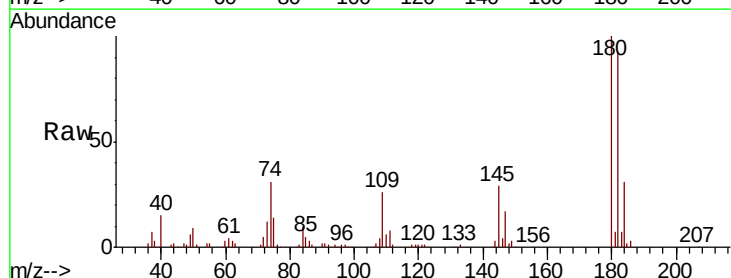


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

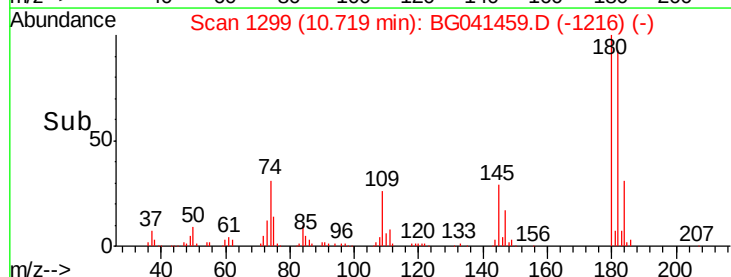
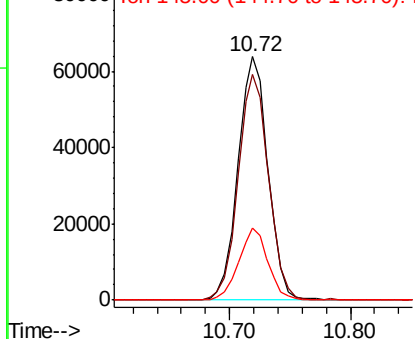


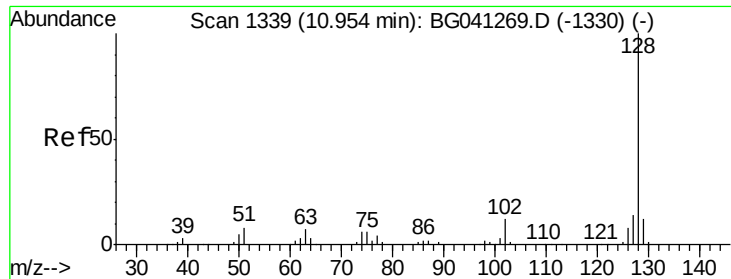
#30
 1,2,4-Trichlorobenzene
 Concen: 43.390 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.04 min
 Lab File: BG041459.D
 Acq: 26 Jun 2019 00:44

Tgt Ion:180 Resp: 110378
 Ion Ratio Lower Upper
 180 100
 182 92.7 78.6 117.8
 145 29.4 21.7 32.5



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

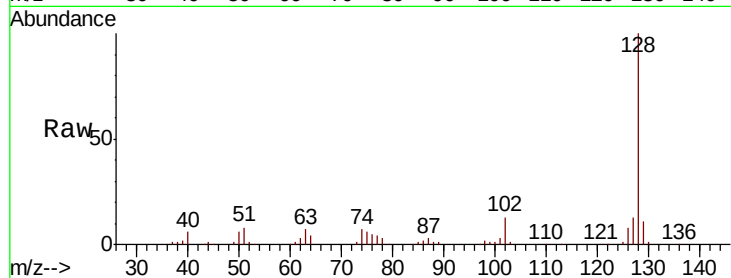




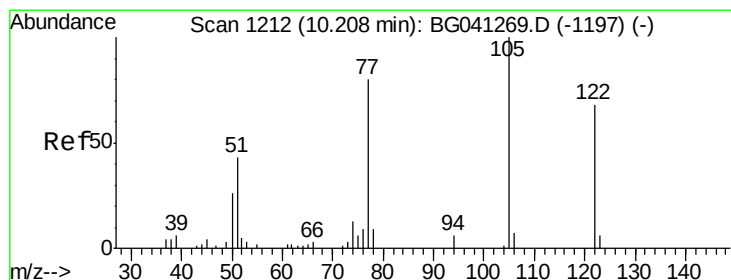
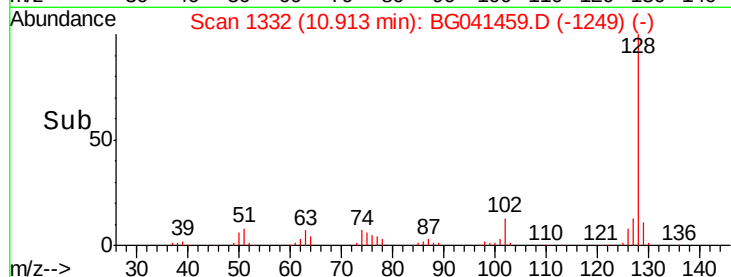
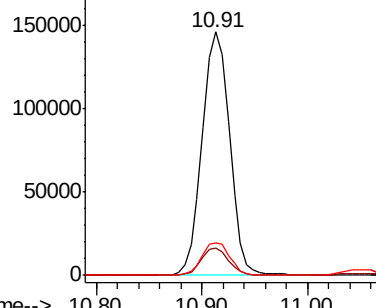
#31
Naphthalene
Concen: 43.958 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.04 min
Lab File: BG041459.D
Acq: 26 Jun 2019 00:44

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tgt Ion:128 Resp: 263342
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 13.4 11.2 16.8

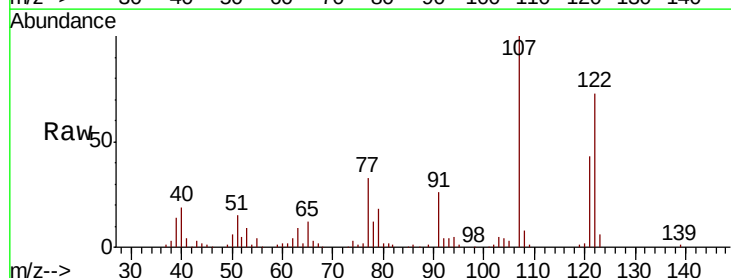


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

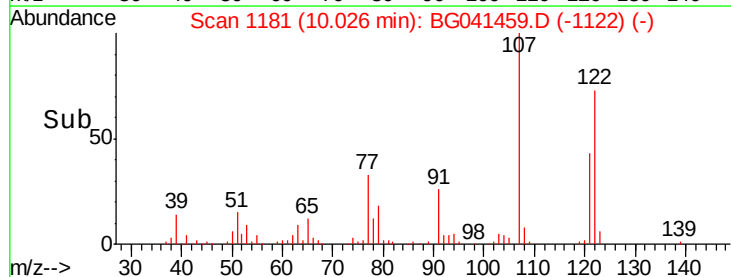
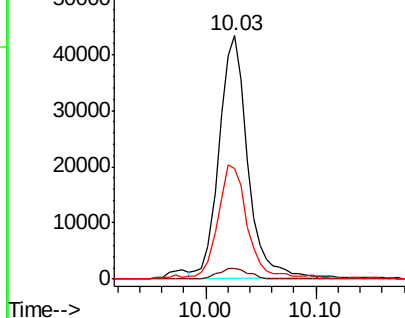


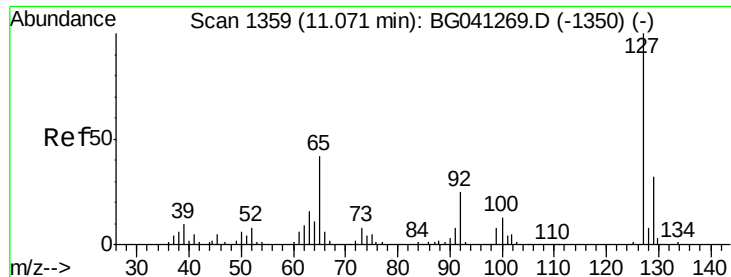
#32
Benzoic acid
Concen: 74.871 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.18 min
Lab File: BG041459.D
Acq: 26 Jun 2019 00:44

Tgt Ion:122 Resp: 78075
Ion Ratio Lower Upper
122 100
105 4.5 124.2 164.2#
77 45.3 97.2 137.2#



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

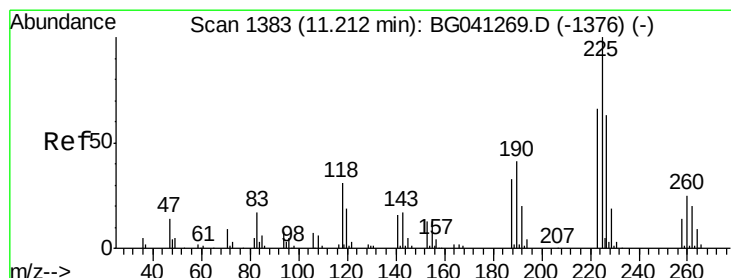
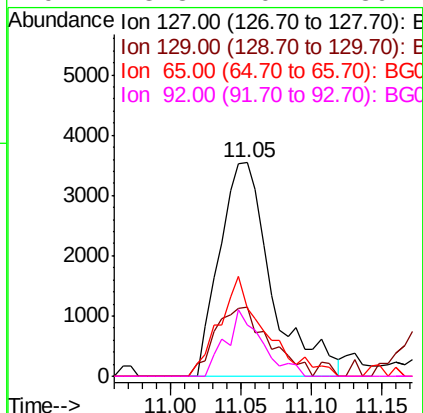
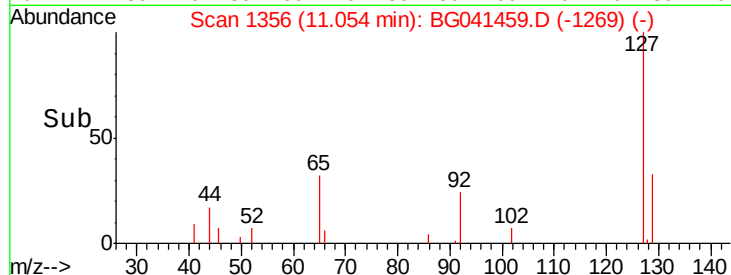
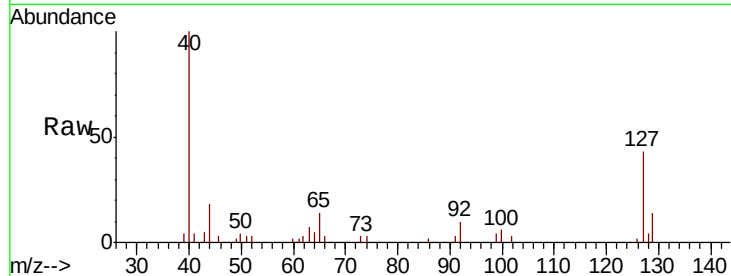




#33
4-Chloroaniline
Concen: 3.575 ng
RT: 11.05 min Scan# 1356
Delta R.T. -0.02 min
Lab File: BG041459.D
Acq: 26 Jun 2019 00:44

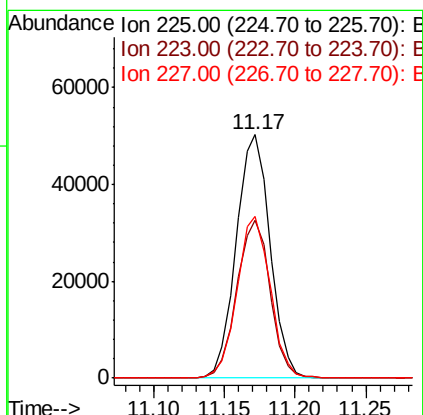
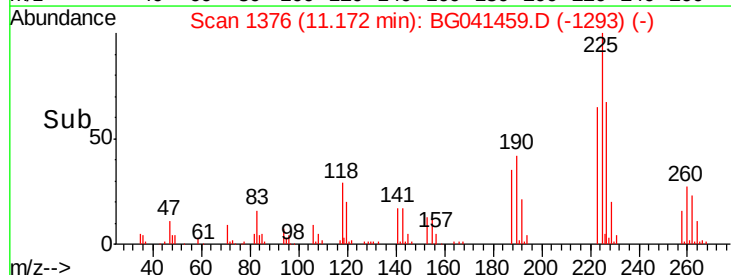
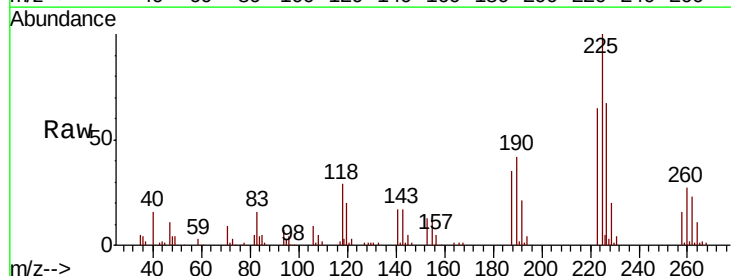
Instrument :
BNA_G
ClientSampleId :
TP-1MS

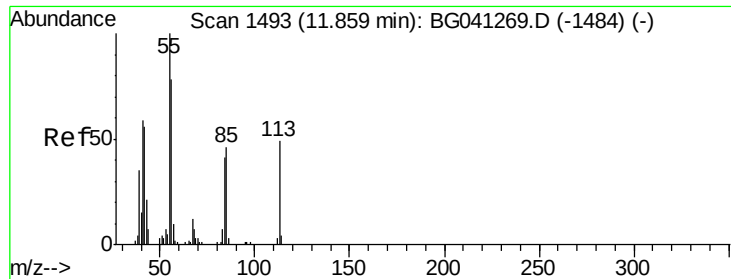
Tgt Ion:127 Resp: 9097
Ion Ratio Lower Upper
127 100
129 32.6 25.8 38.8
65 32.0 33.8 50.8#
92 23.8 20.2 30.4



#34
Hexachlorobutadiene
Concen: 41.723 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.04 min
Lab File: BG041459.D
Acq: 26 Jun 2019 00:44

Tgt Ion:225 Resp: 84247
Ion Ratio Lower Upper
225 100
223 64.7 52.5 78.7
227 66.6 50.2 75.2

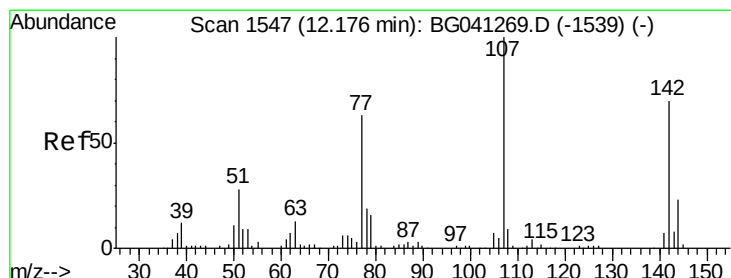
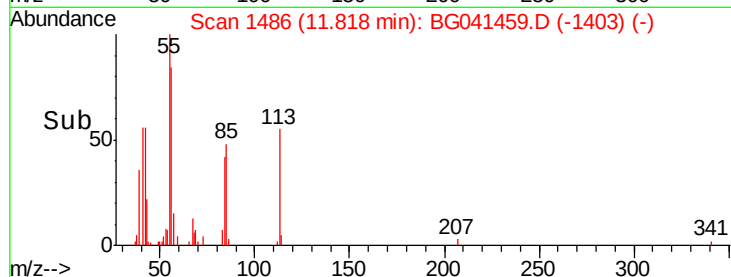
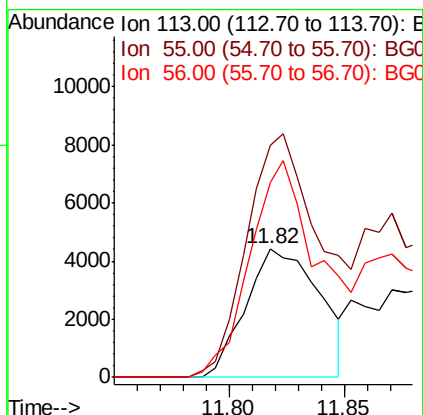
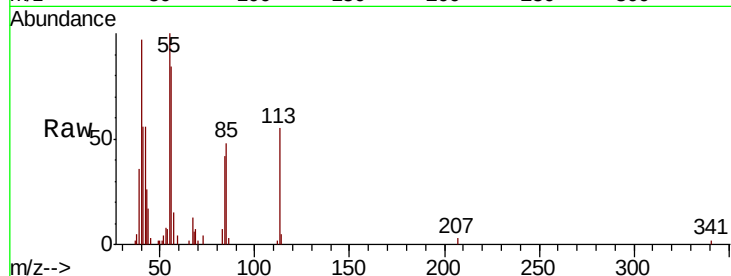




#35
 Caprolactam
 Concen: 14.365 ng
 RT: 11.82 min Scan# 1486
 Delta R.T. -0.04 min
 Lab File: BG041459.D
 Acq: 26 Jun 2019 00:44

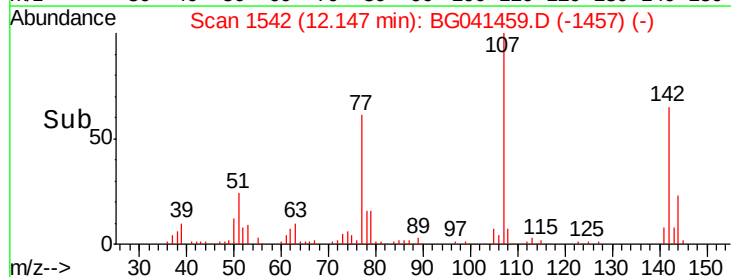
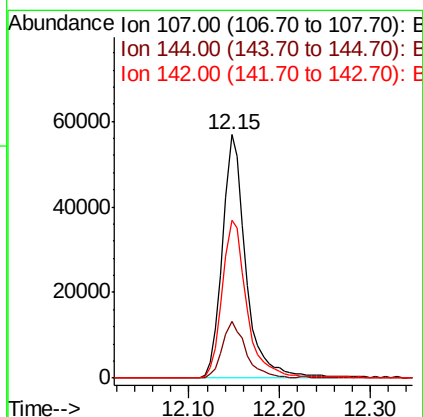
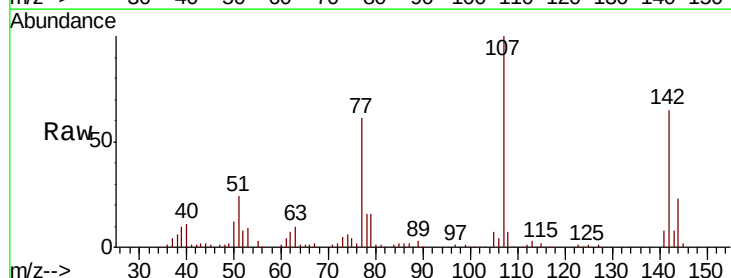
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MS

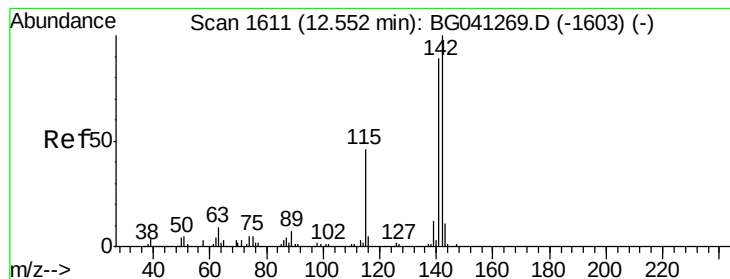
Tgt Ion:113 Resp: 9823
 Ion Ratio Lower Upper
 113 100
 55 180.5 182.6 222.6#
 56 151.4 137.5 177.5



#36
 4-Chloro-3-methylphenol
 Concen: 44.476 ng
 RT: 12.15 min Scan# 1542
 Delta R.T. -0.03 min
 Lab File: BG041459.D
 Acq: 26 Jun 2019 00:44

Tgt Ion:107 Resp: 102039
 Ion Ratio Lower Upper
 107 100
 144 23.1 18.5 27.7
 142 64.9 56.3 84.5





#37

2-Methylnaphthalene

Concen: 43.410 ng

RT: 12.51 min Scan# 1604

Delta R.T. -0.04 min

Lab File: BG041459.D

Acq: 26 Jun 2019 00:44

Instrument :

BNA_G

ClientSampleId :

TP-1MS

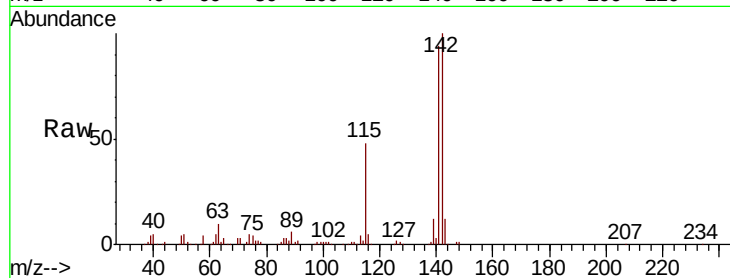
Tgt Ion:142 Resp: 191541

Ion Ratio Lower Upper

142 100

141 94.0 71.5 107.3

115 48.0 37.0 55.6

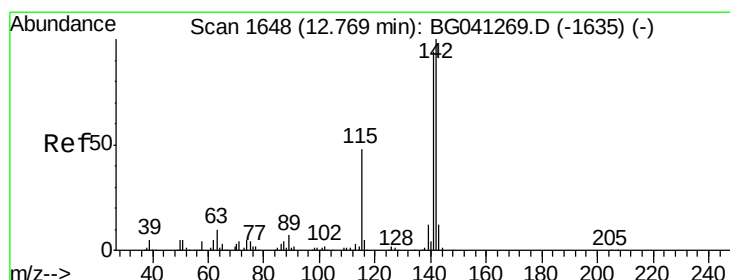
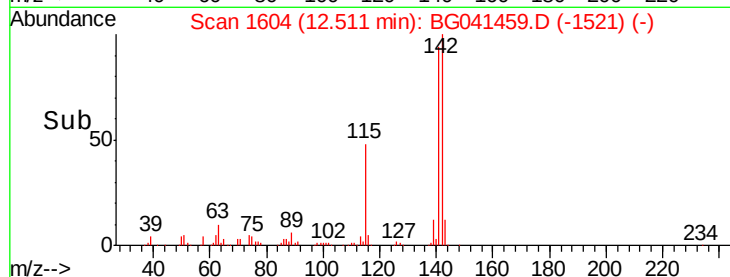
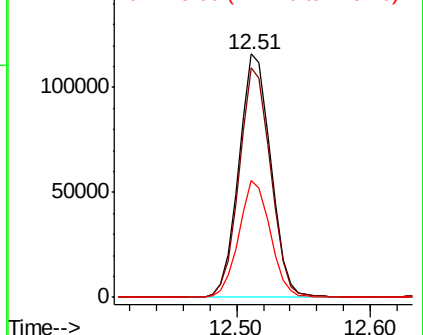


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.326 ng

RT: 12.73 min Scan# 1642

Delta R.T. -0.04 min

Lab File: BG041459.D

Acq: 26 Jun 2019 00:44

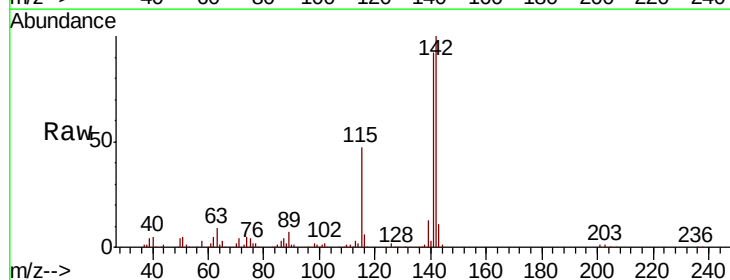
Tgt Ion:142 Resp: 182904

Ion Ratio Lower Upper

142 100

141 92.1 75.0 112.6

116 5.7 4.2 6.2

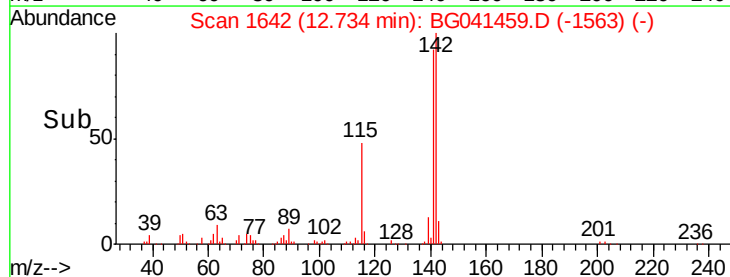
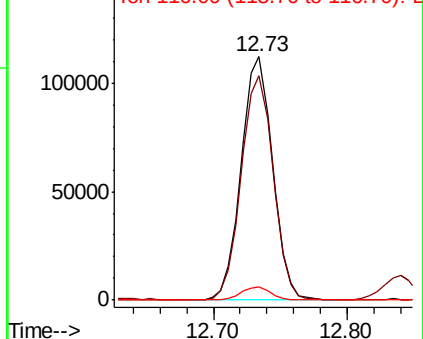


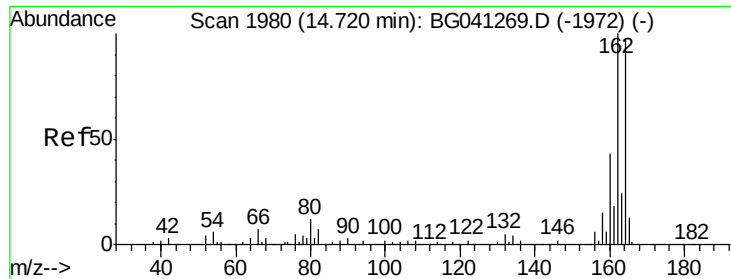
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.04 min

Lab File: BG041459.D

Acq: 26 Jun 2019 00:44

Instrument :

BNA_G

ClientSampleId :

TP-1MS

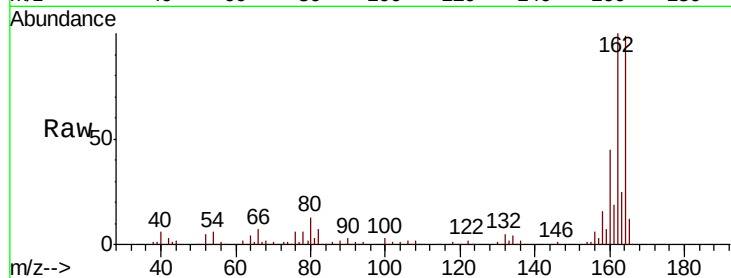
Tgt Ion:164 Resp: 77915

Ion Ratio Lower Upper

164 100

162 101.0 82.8 124.2

160 45.7 35.8 53.8

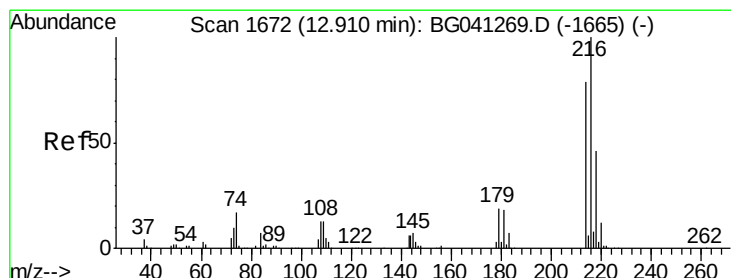
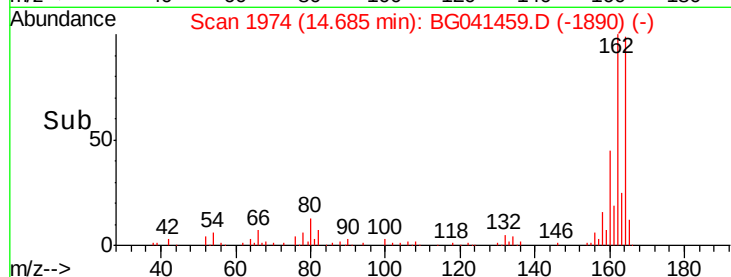
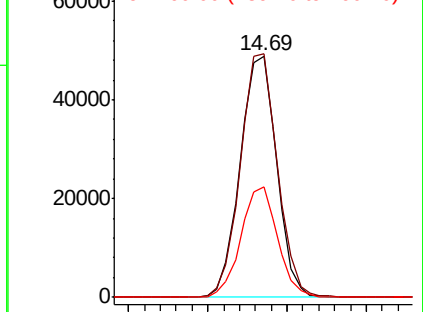


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.088 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.04 min

Lab File: BG041459.D

Acq: 26 Jun 2019 00:44

Tgt Ion:216 Resp: 148282

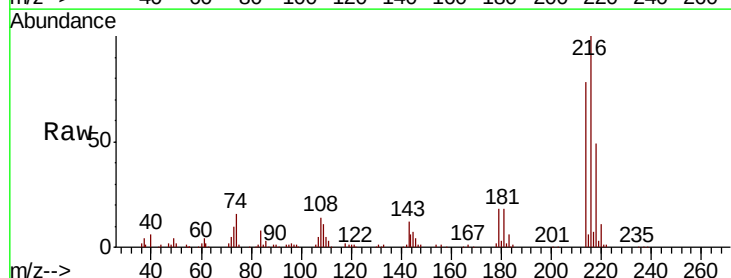
Ion Ratio Lower Upper

216 100

214 77.2 62.8 94.2

179 18.1 15.2 22.8

108 13.8 12.4 18.6



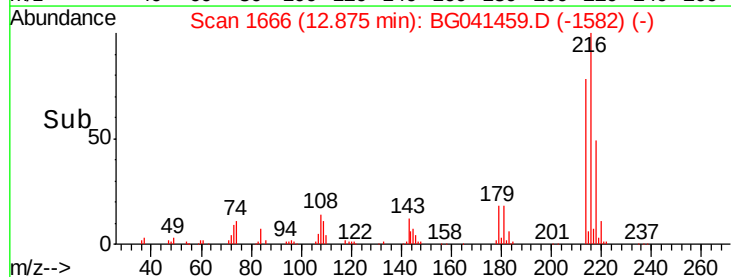
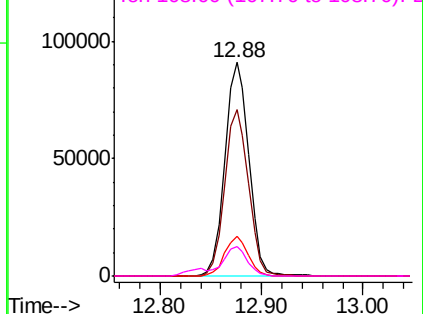
Abundance

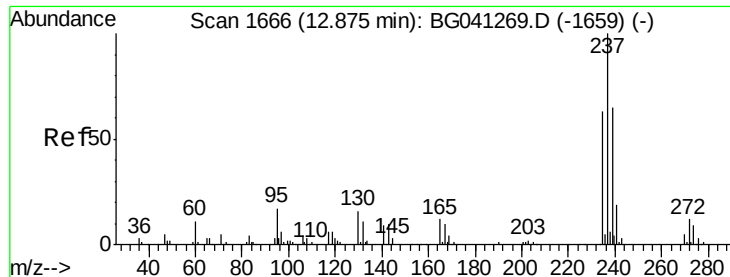
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 84.658 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.04 min

Lab File: BG041459.D

Acq: 26 Jun 2019 00:44

Instrument :

BNA_G

ClientSampleId :

TP-1MS

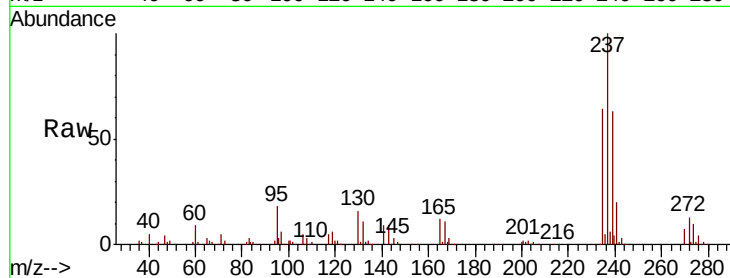
Tgt Ion:237 Resp: 183469

Ion Ratio Lower Upper

237 100

235 64.1 42.9 82.9

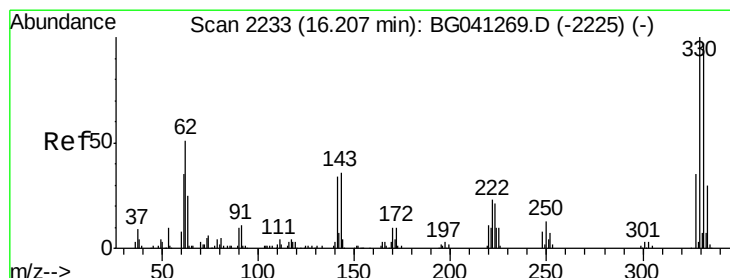
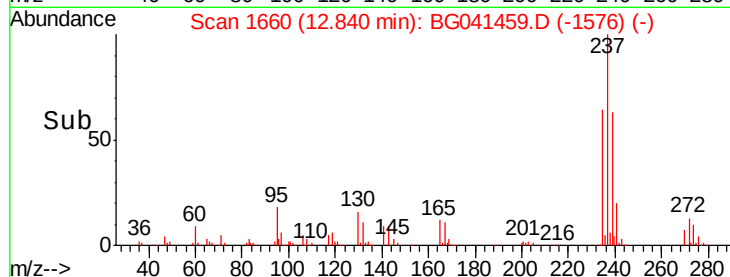
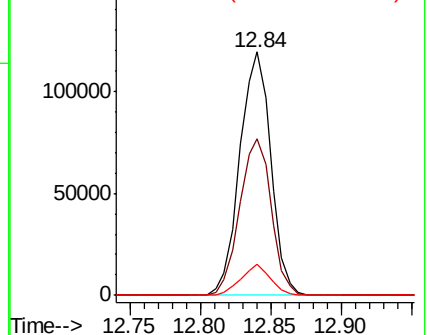
272 13.0 0.0 32.0



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: 145.285 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.03 min

Lab File: BG041459.D

Acq: 26 Jun 2019 00:44

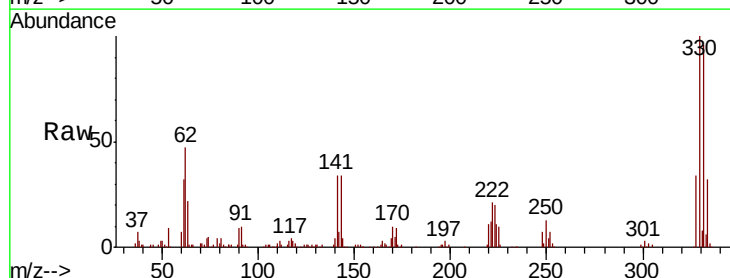
Tgt Ion:330 Resp: 173785

Ion Ratio Lower Upper

330 100

332 97.2 75.5 113.3

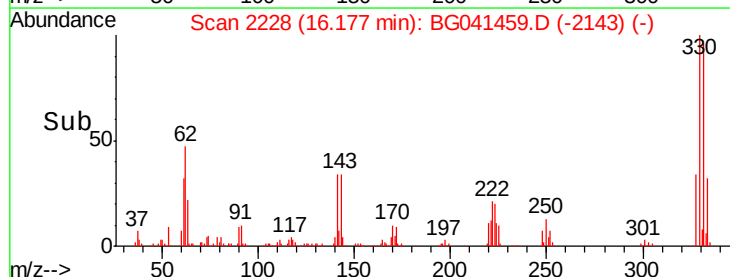
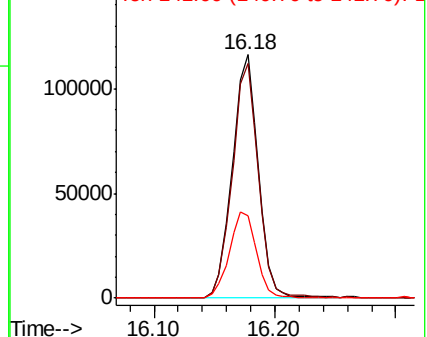
141 36.8 29.0 43.4

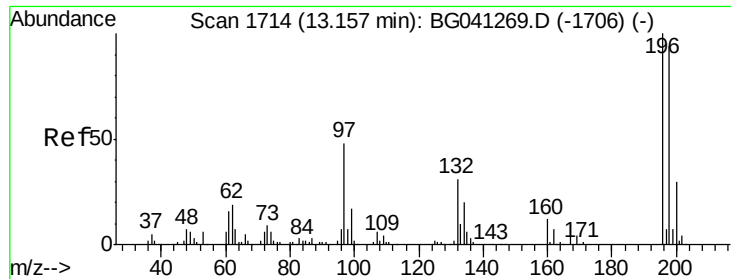


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

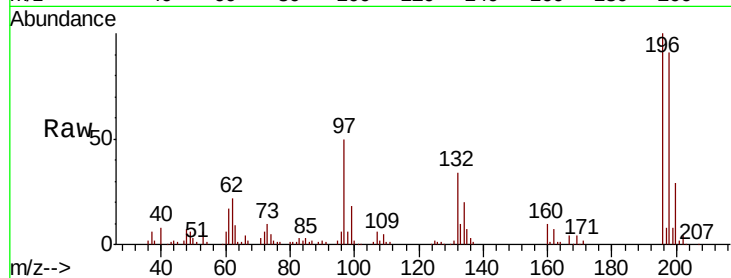




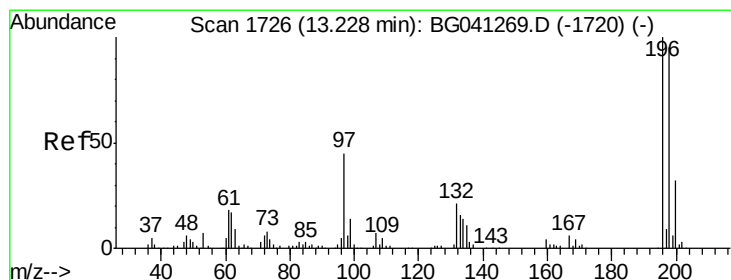
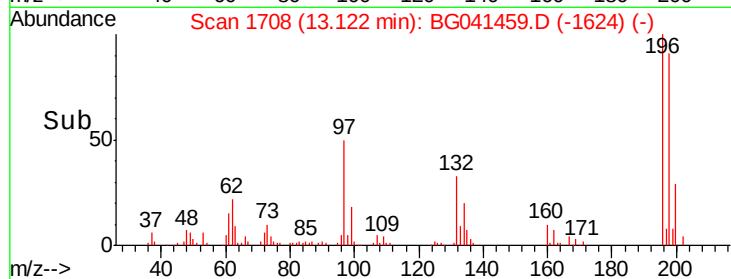
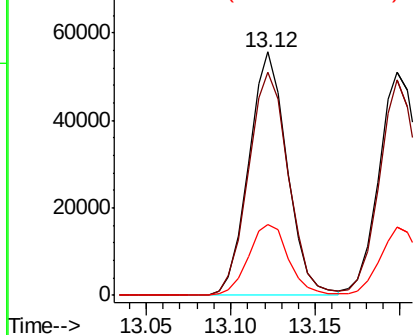
#43
 2,4,6-Trichlorophenol
 Concen: 44.188 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.04 min
 Lab File: BG041459.D
 Acq: 26 Jun 2019 00:44

Instrument :
 BNA_G
 ClientSampled :
 TP-1MS

Tgt Ion:196 Resp: 87947
 Ion Ratio Lower Upper
 196 100
 198 91.4 74.9 112.3
 200 29.3 24.2 36.2



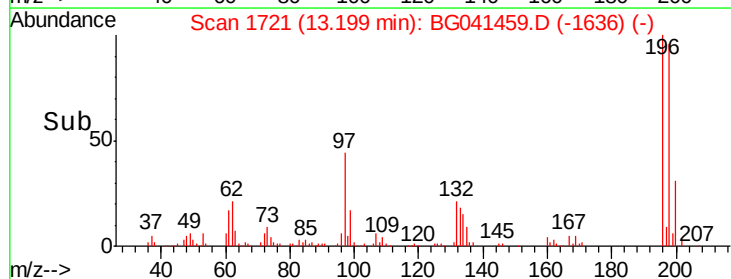
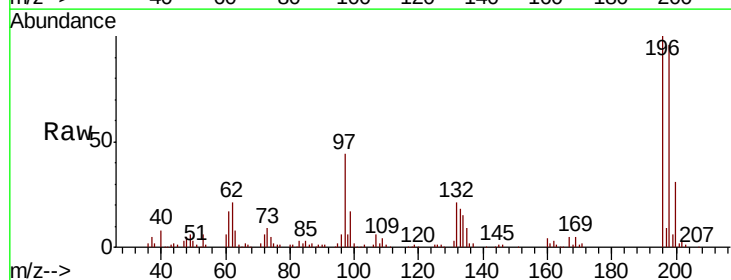
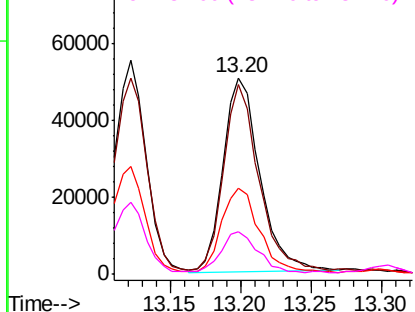
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

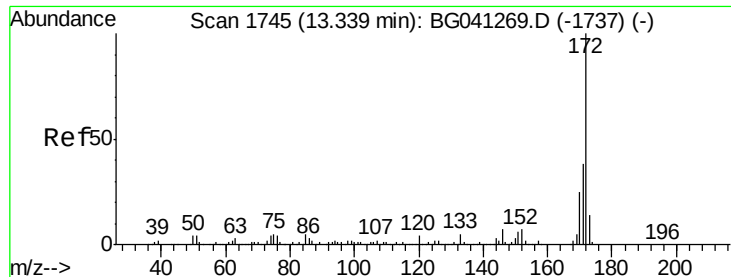


#44
 2,4,5-Trichlorophenol
 Concen: 44.798 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.03 min
 Lab File: BG041459.D
 Acq: 26 Jun 2019 00:44

Tgt Ion:196 Resp: 91740
 Ion Ratio Lower Upper
 196 100
 198 96.4 76.1 114.1
 97 44.0 35.9 53.9
 132 21.2 17.0 25.6

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

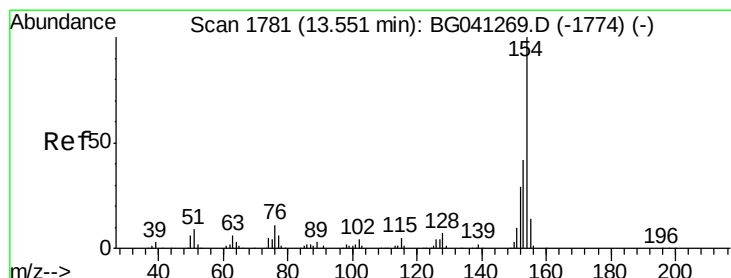
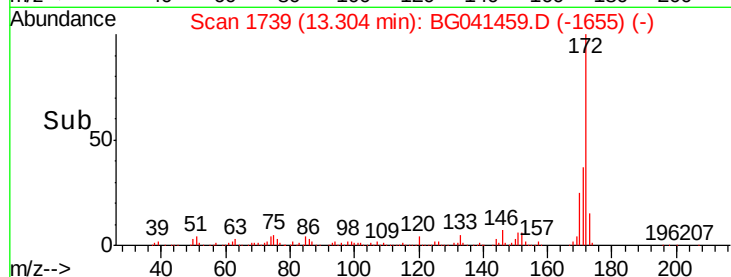
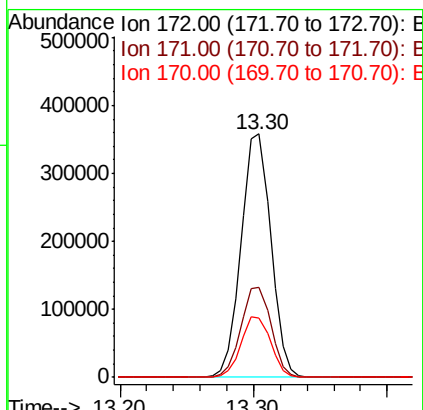
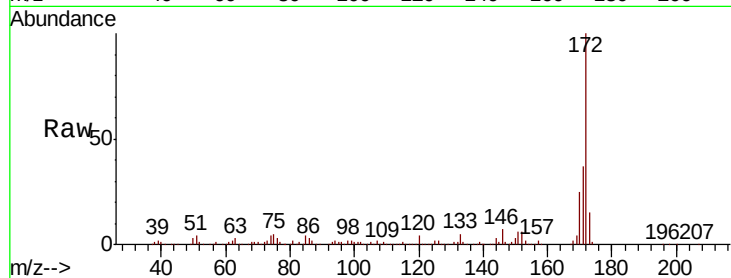




#45
2-Fluorobiphenyl
Concen: 96.356 ng
RT: 13.30 min Scan# 1739
Delta R.T. -0.04 min
Lab File: BG041459.D
Acq: 26 Jun 2019 00:44

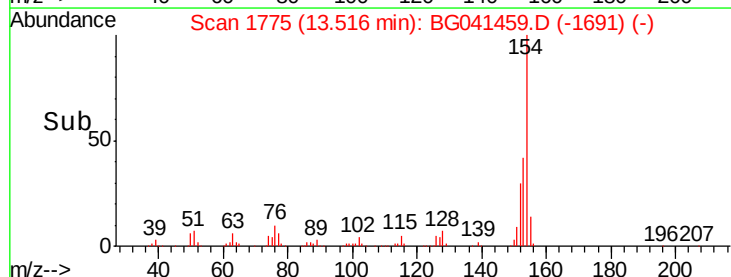
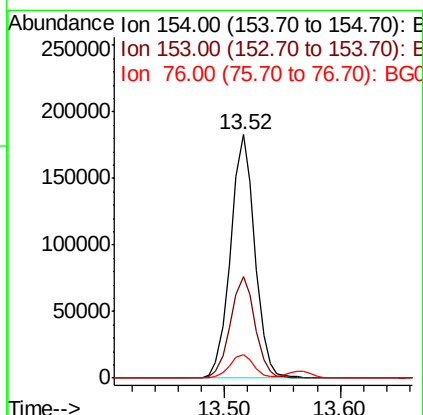
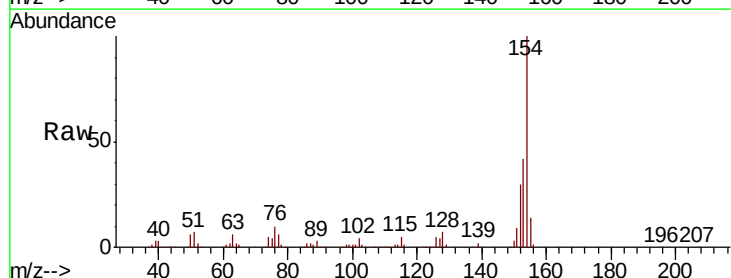
Instrument :
BNA_G
ClientSampleId :
TP-1MS

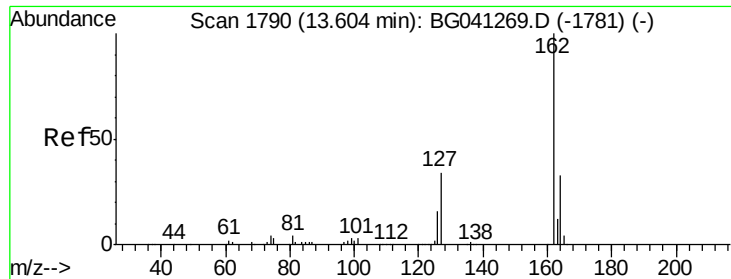
Tgt Ion:172 Resp: 552368
Ion Ratio Lower Upper
172 100
171 37.0 30.0 45.0
170 24.6 19.8 29.6



#46
1,1'-Biphenyl
Concen: 45.114 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.04 min
Lab File: BG041459.D
Acq: 26 Jun 2019 00:44

Tgt Ion:154 Resp: 265735
Ion Ratio Lower Upper
154 100
153 41.9 22.3 62.3
76 9.9 0.0 30.8

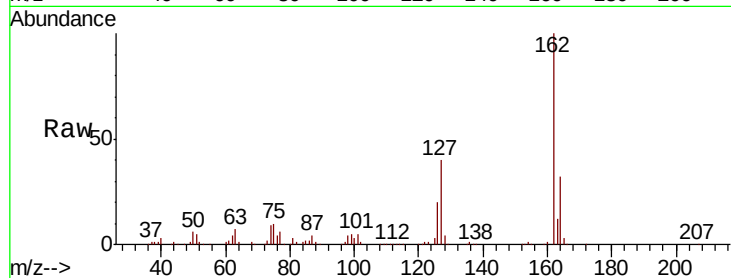




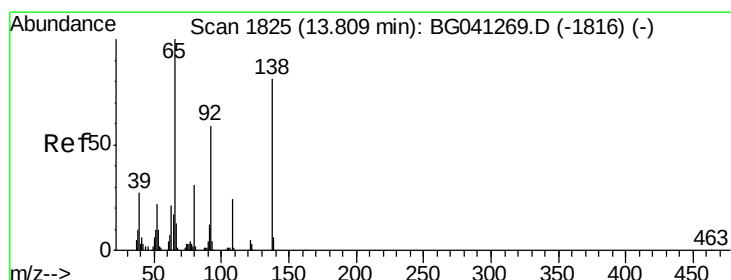
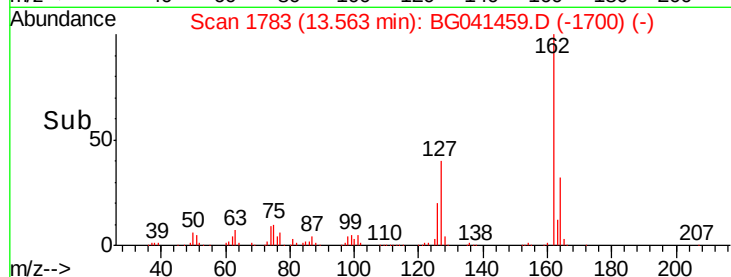
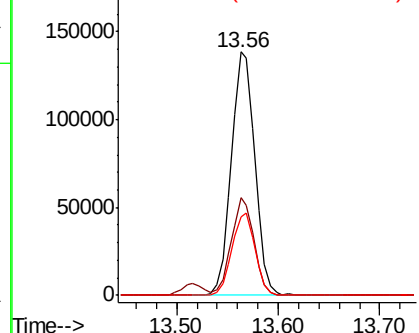
#47
 2-Chloronaphthalene
 Concen: 43.879 ng
 RT: 13.56 min Scan# 1783
 Delta R.T. -0.04 min
 Lab File: BG041459.D
 Acq: 26 Jun 2019 00:44

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.1	31.0	46.4
164	32.3	26.1	39.1

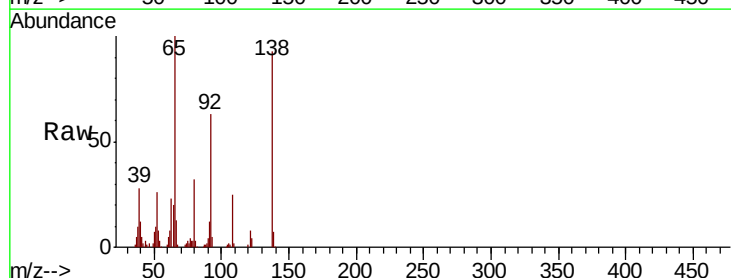


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

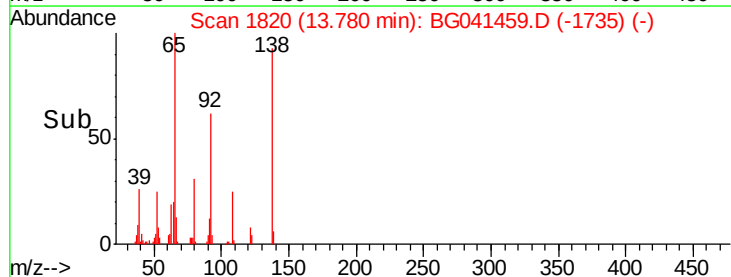
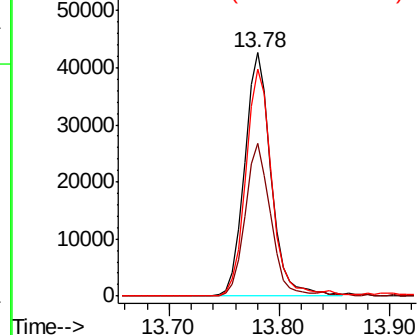


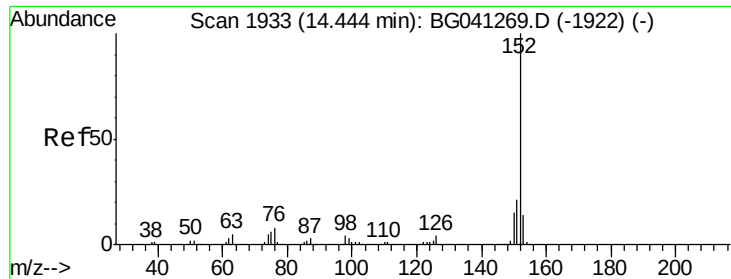
#48
 2-Nitroaniline
 Concen: 38.761 ng
 RT: 13.78 min Scan# 1820
 Delta R.T. -0.03 min
 Lab File: BG041459.D
 Acq: 26 Jun 2019 00:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.6	47.4	71.2
138	93.1	64.7	97.1



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





#49

Acenaphthylene

Concen: 45.181 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.04 min

Lab File: BG041459.D

Acq: 26 Jun 2019 00:44

Instrument :

BNA_G

ClientSampleId :

TP-1MS

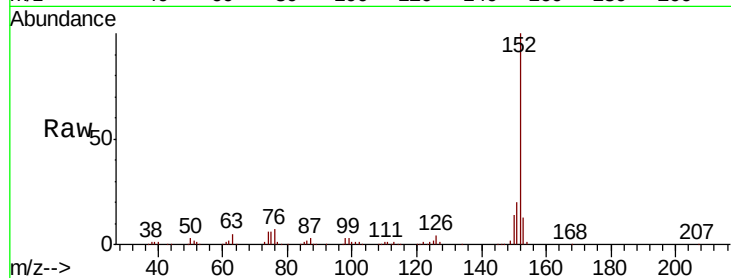
Tgt Ion:152 Resp: 347683

Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2

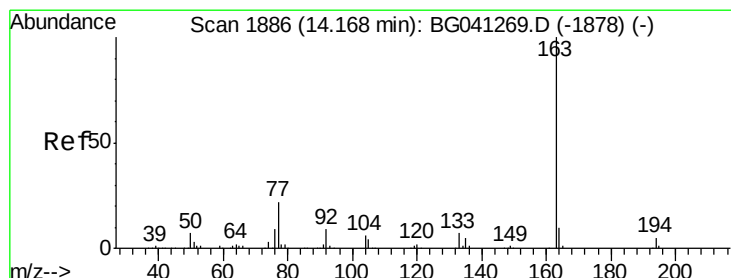
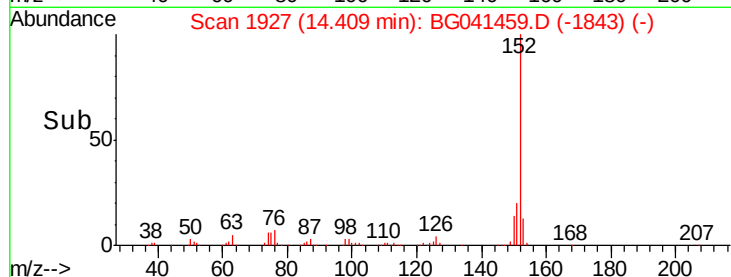
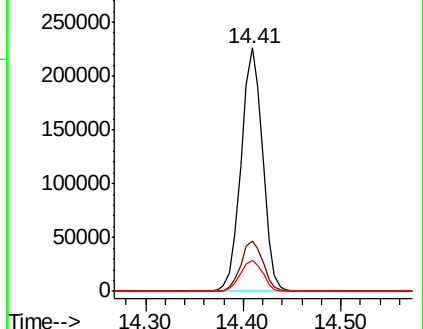
153 12.9 10.8 16.2



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: 42.749 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.04 min

Lab File: BG041459.D

Acq: 26 Jun 2019 00:44

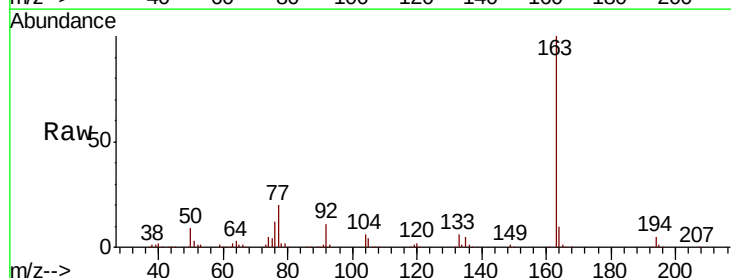
Tgt Ion:163 Resp: 296359

Ion Ratio Lower Upper

163 100

194 5.1 3.9 5.9

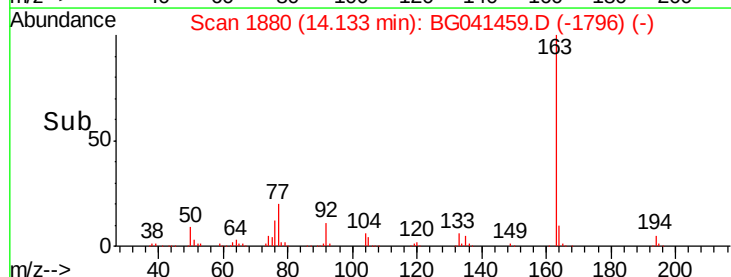
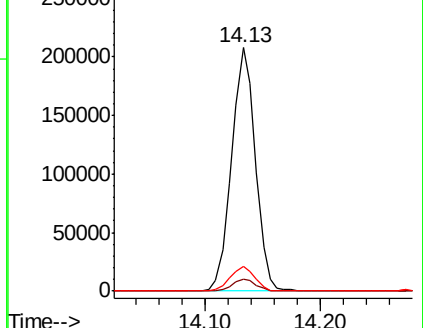
164 10.0 8.3 12.5

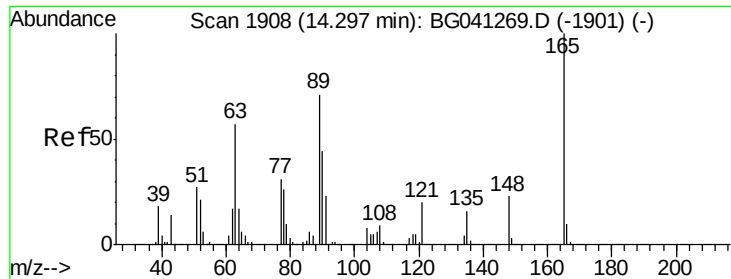


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.522 ng

RT: 14.27 min Scan# 1903

Delta R.T. -0.03 min

Lab File: BG041459.D

Acq: 26 Jun 2019 00:44

Instrument :

BNA_G

ClientSampleId :

TP-1MS

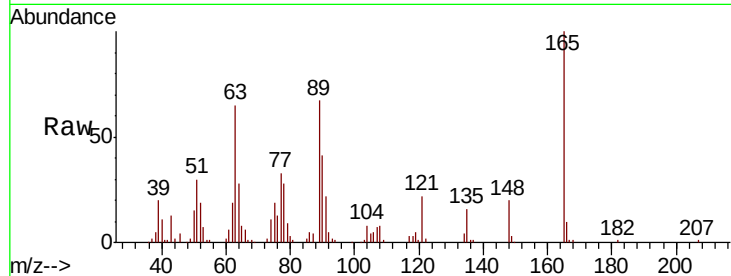
Tgt Ion:165 Resp: 63619

Ion Ratio Lower Upper

165 100

63 65.1 55.4 83.0

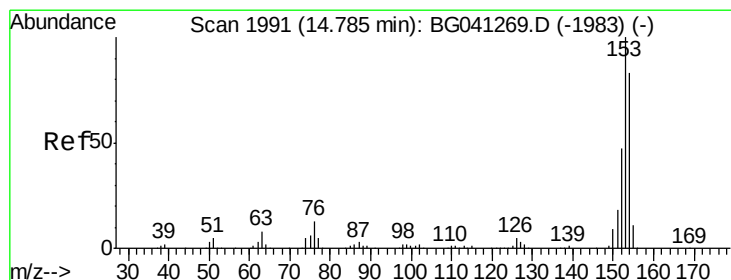
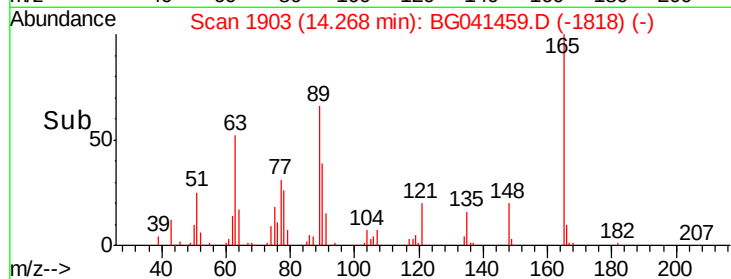
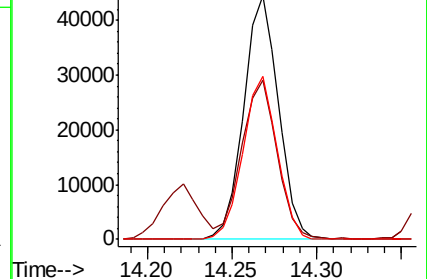
89 66.9 56.5 84.7



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



#52

Acenaphthene

Concen: 44.637 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.04 min

Lab File: BG041459.D

Acq: 26 Jun 2019 00:44

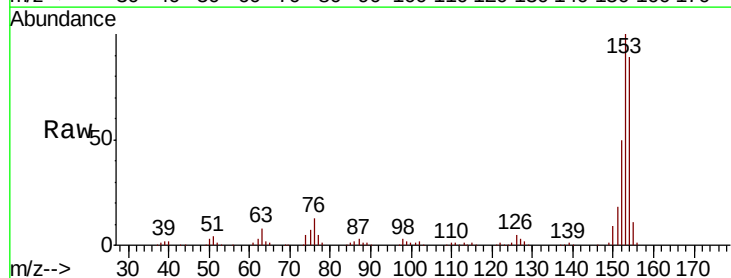
Tgt Ion:154 Resp: 201706

Ion Ratio Lower Upper

154 100

153 112.6 96.6 145.0

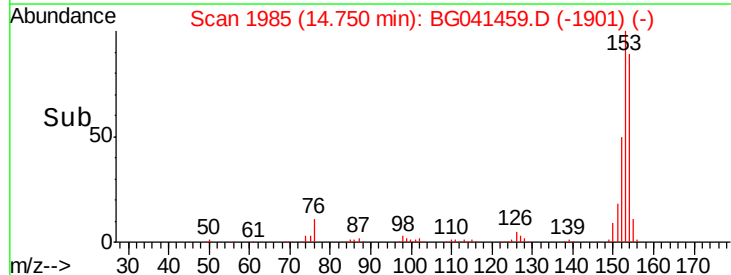
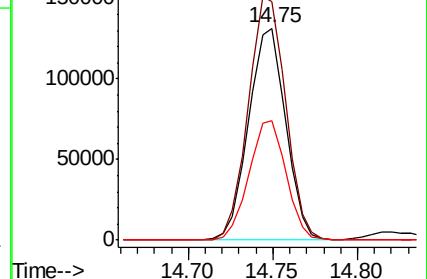
152 56.2 45.5 68.3

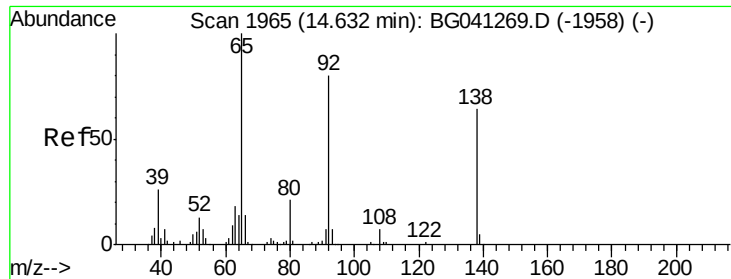


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

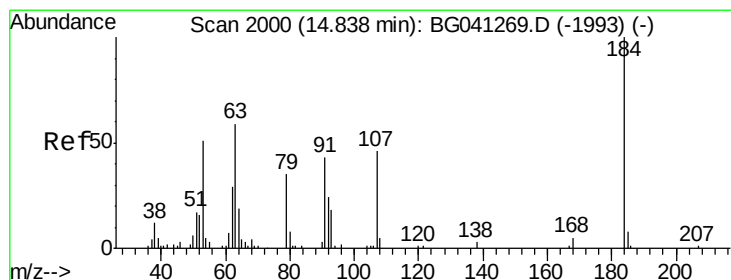
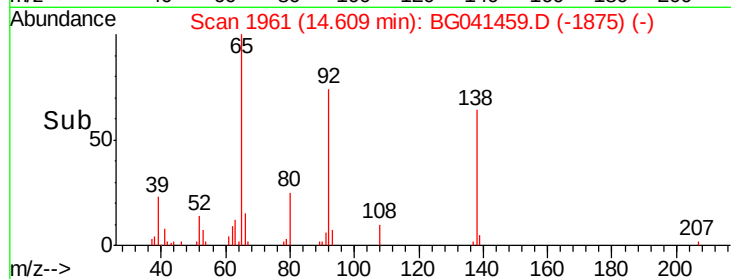
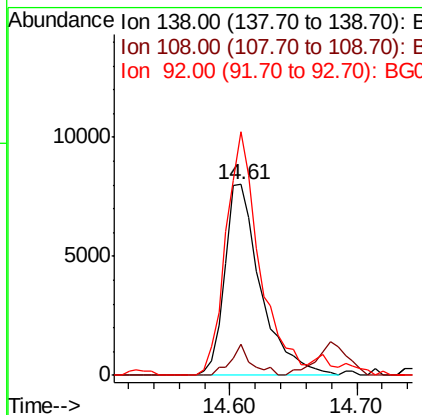
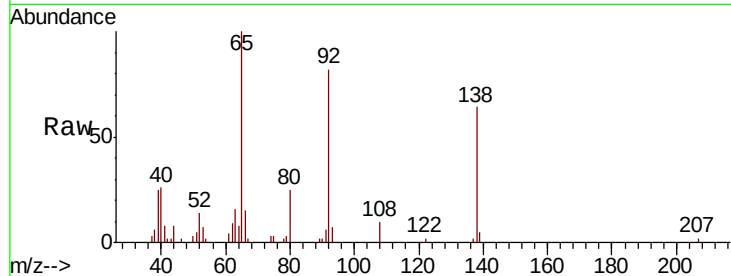




#53
 3-Nitroaniline
 Concen: 10.927 ng
 RT: 14.61 min Scan# 1961
 Delta R.T. -0.02 min
 Lab File: BG041459.D
 Acq: 26 Jun 2019 00:44

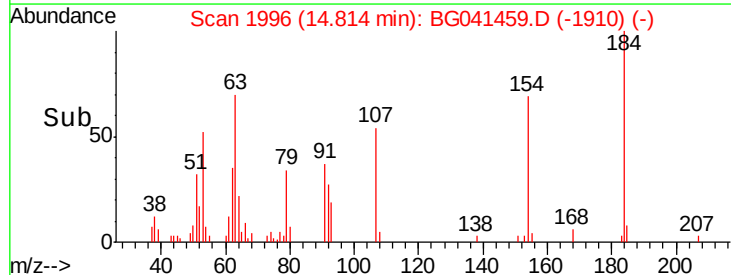
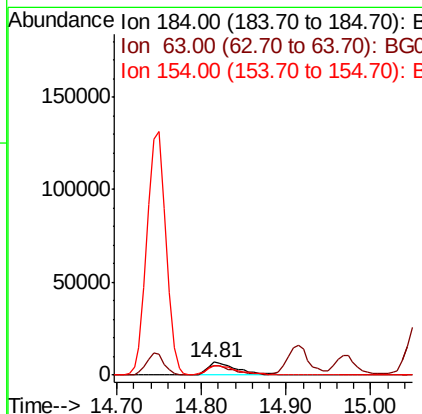
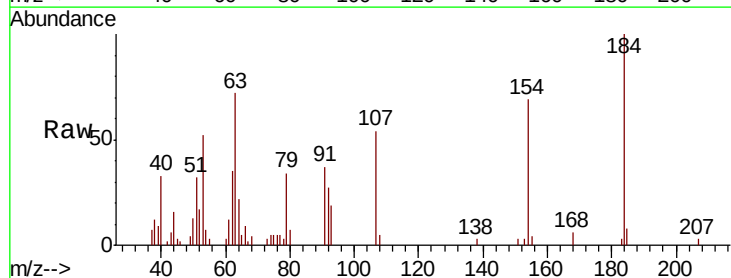
Instrument :
 BNA_G
 ClientSampleID :
 TP-1MS

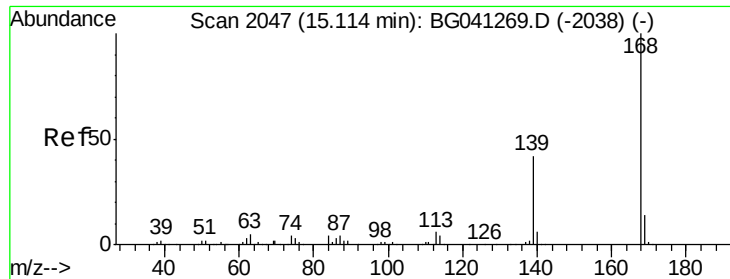
Tgt Ion:138 Resp: 15737
 Ion Ratio Lower Upper
 138 100
 108 16.3 8.3 12.5#
 92 127.7 100.2 150.4



#54
 2,4-Dinitrophenol
 Concen: 21.251 ng
 RT: 14.81 min Scan# 1996
 Delta R.T. -0.02 min
 Lab File: BG041459.D
 Acq: 26 Jun 2019 00:44

Tgt Ion:184 Resp: 18354
 Ion Ratio Lower Upper
 184 100
 63 72.0 60.0 90.0
 154 68.7 58.3 87.5

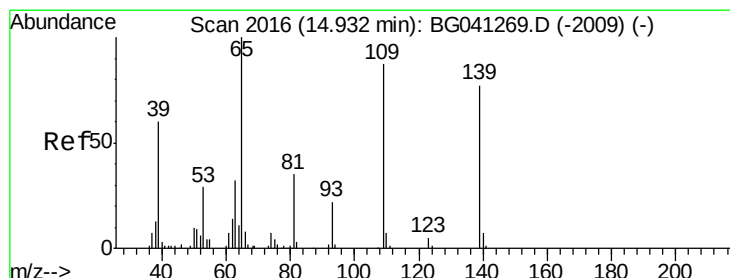
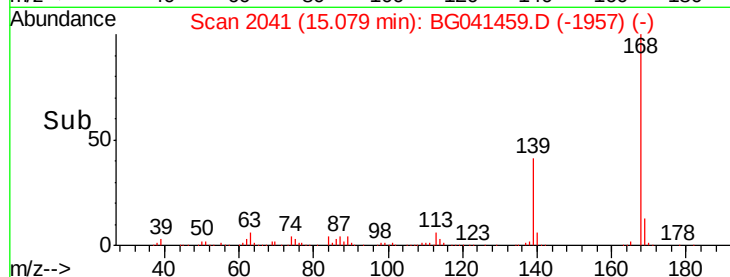
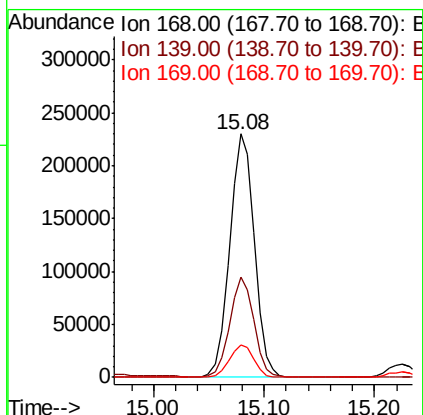
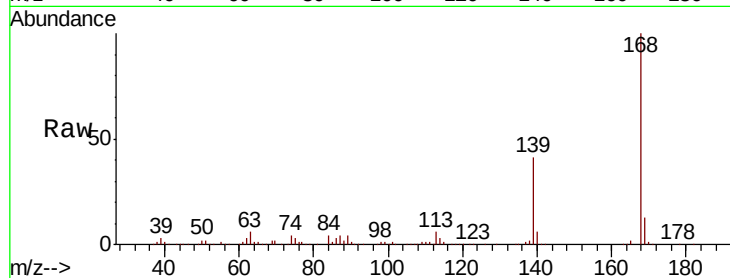




#55
Dibenzofuran
Concen: 45.729 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.04 min
Lab File: BG041459.D
Acq: 26 Jun 2019 00:44

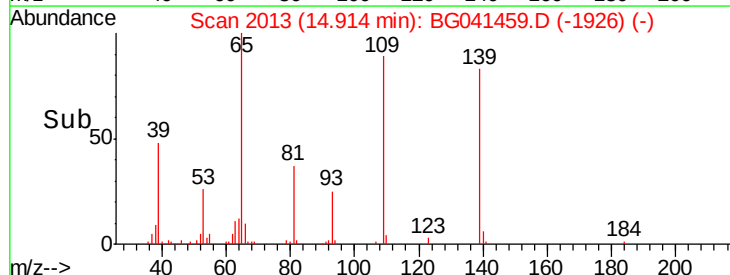
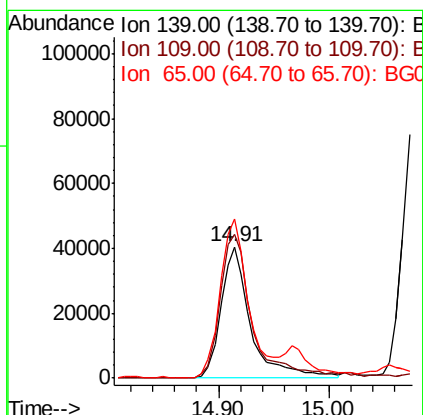
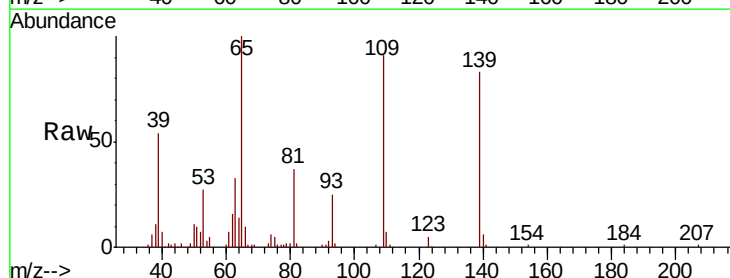
Instrument :
BNA_G
ClientSampleId :
TP-1MS

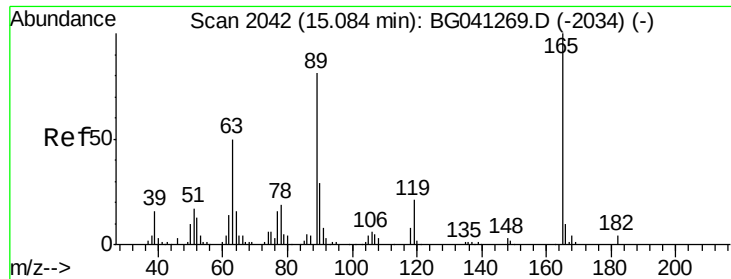
Tgt Ion:168 Resp: 359284
Ion Ratio Lower Upper
168 100
139 41.1 33.6 50.4
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 69.777 ng
RT: 14.91 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BG041459.D
Acq: 26 Jun 2019 00:44

Tgt Ion:139 Resp: 75874
Ion Ratio Lower Upper
139 100
109 109.6 93.2 133.2
65 120.8 110.2 150.2

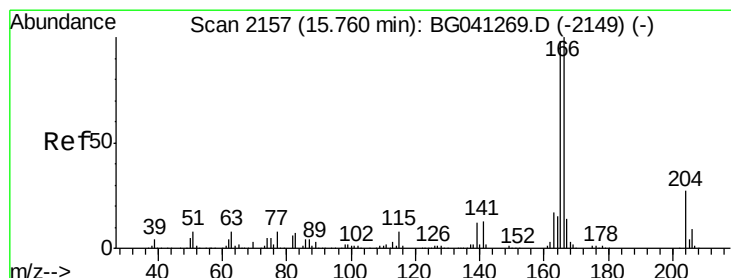
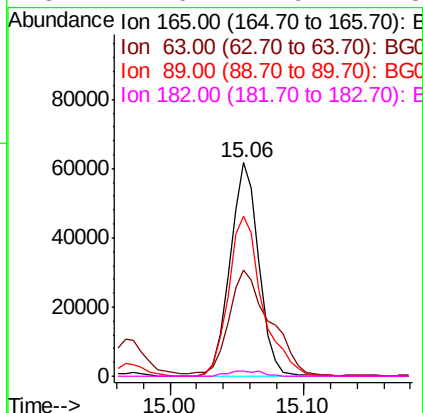
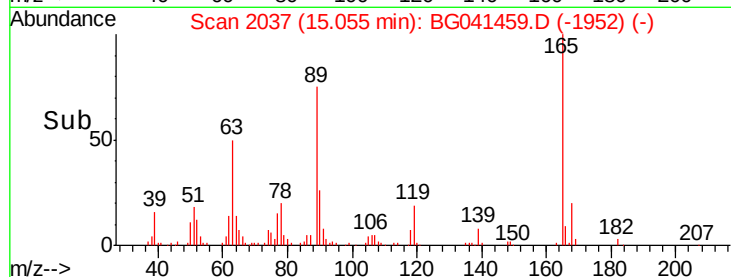
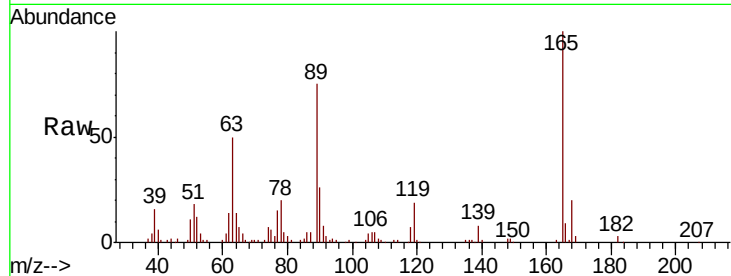




#57
 2,4-Dinitrotoluene
 Concen: 43.229 ng
 RT: 15.06 min Scan# 2037
 Delta R.T. -0.03 min
 Lab File: BG041459.D
 Acq: 26 Jun 2019 00:44

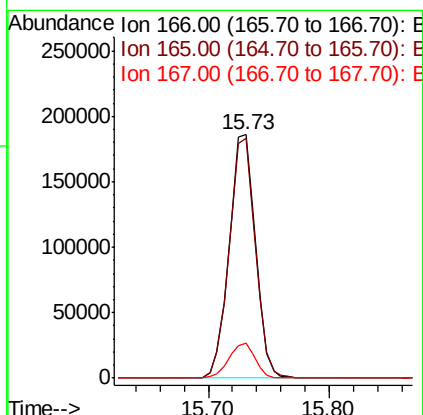
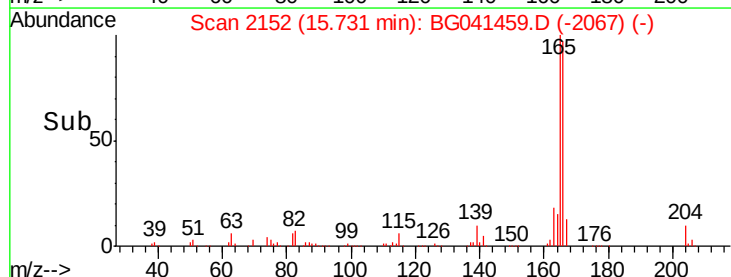
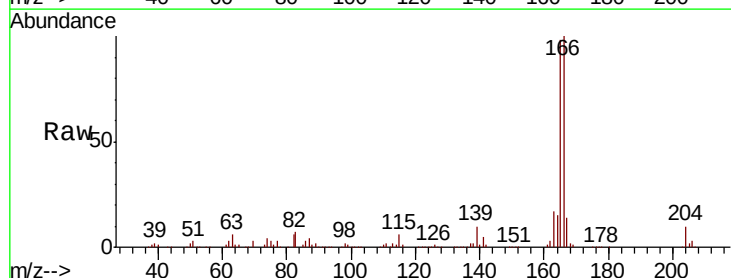
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MS

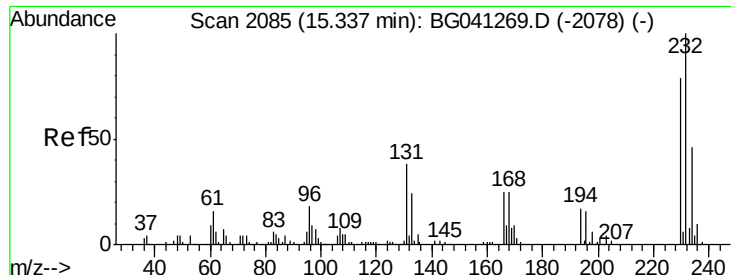
Tgt Ion:165 Resp: 92371
 Ion Ratio Lower Upper
 165 100
 63 49.9 40.0 60.0
 89 75.2 64.6 96.8
 182 2.6 2.9 4.3#



#58
 Fluorene
 Concen: 45.543 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.03 min
 Lab File: BG041459.D
 Acq: 26 Jun 2019 00:44

Tgt Ion:166 Resp: 281476
 Ion Ratio Lower Upper
 166 100
 165 98.4 78.8 118.2
 167 14.5 11.3 16.9

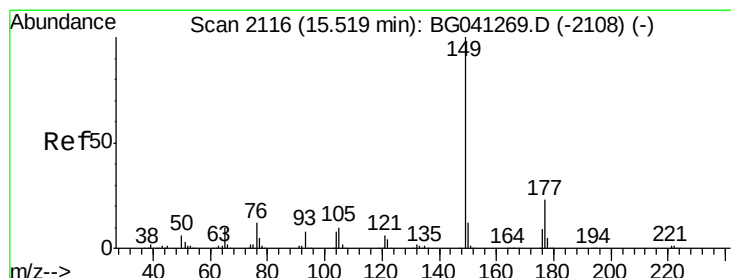
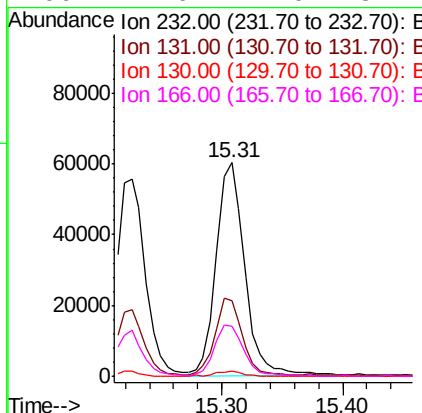
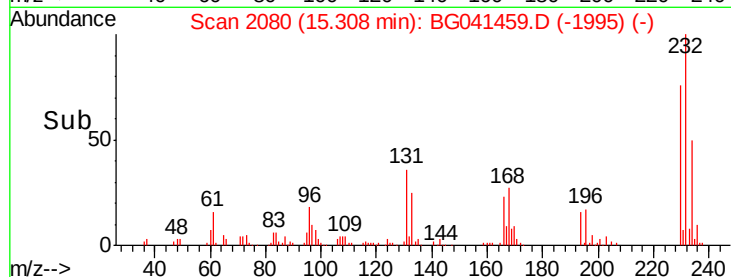
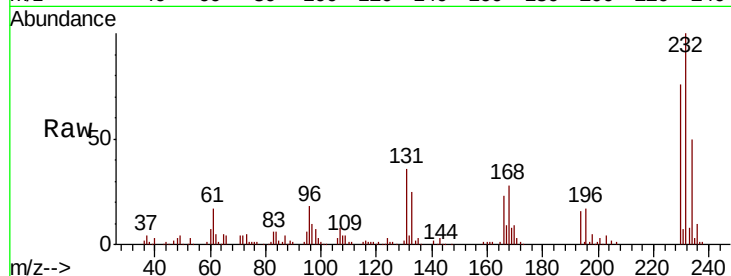




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.468 ng
RT: 15.31 min Scan# 2080
Delta R.T. -0.03 min
Lab File: BG041459.D
Acq: 26 Jun 2019 00:44

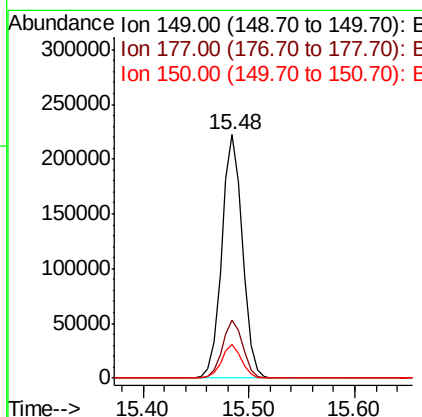
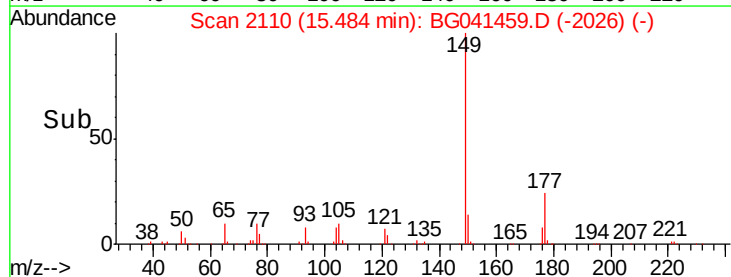
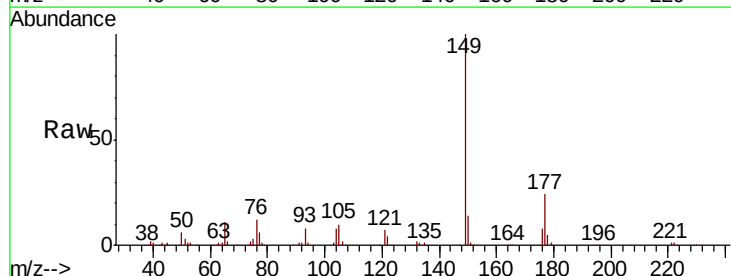
Instrument :
BNA_G
ClientSampleId :
TP-1MS

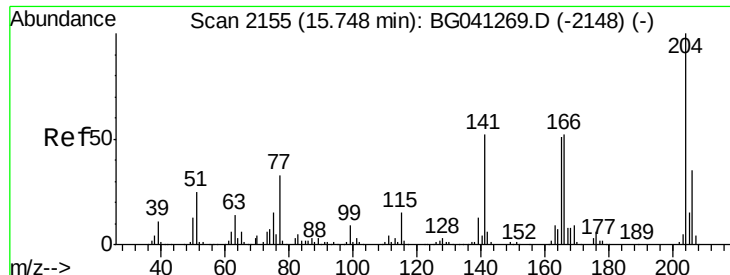
Tgt Ion	Ratio	Lower	Upper
232	100		
131	34.4	29.0	43.6
130	2.2	1.6	2.4
166	24.6	21.0	31.4



#60
Diethylphthalate
Concen: 42.735 ng
RT: 15.48 min Scan# 2110
Delta R.T. -0.04 min
Lab File: BG041459.D
Acq: 26 Jun 2019 00:44

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.8	18.4	27.6
150	14.0	9.9	14.9

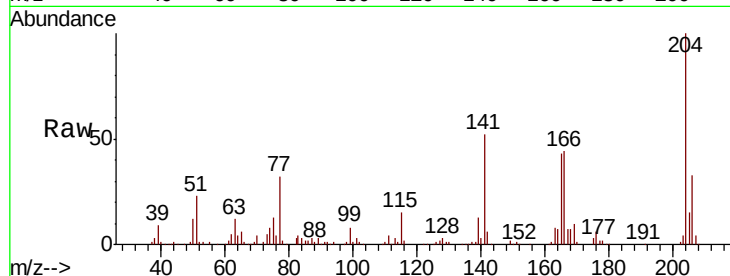




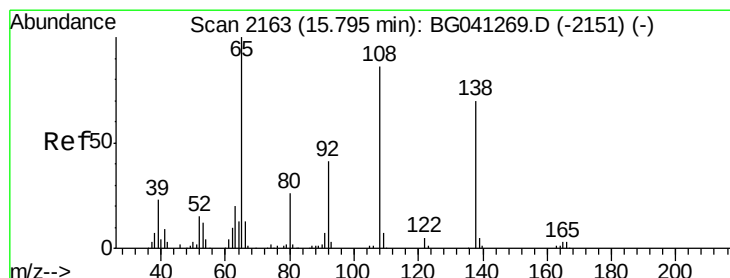
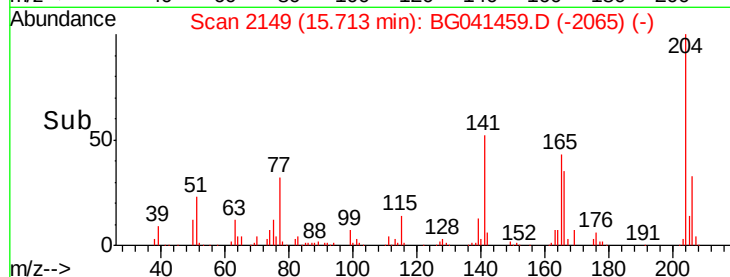
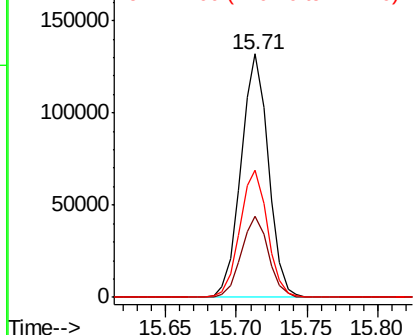
#61
4-Chlorophenyl-phenylether
Concen: 44.425 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.04 min
Lab File: BG041459.D
Acq: 26 Jun 2019 00:44

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tgt Ion: 204 Resp: 178643
Ion Ratio Lower Upper
204 100
206 33.2 27.9 41.9
141 52.1 41.4 62.0

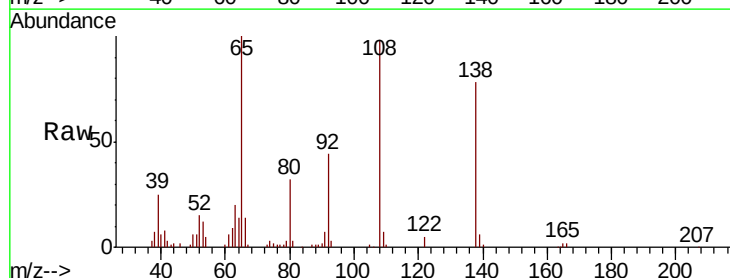


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

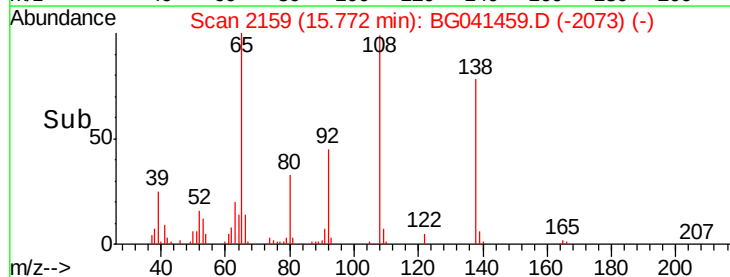
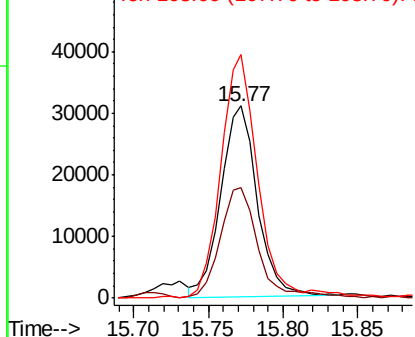


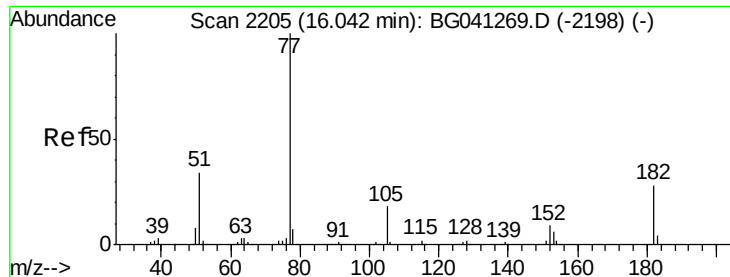
#62
4-Nitroaniline
Concen: 34.282 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.02 min
Lab File: BG041459.D
Acq: 26 Jun 2019 00:44

Tgt Ion: 138 Resp: 52805
Ion Ratio Lower Upper
138 100
92 57.2 38.8 78.8
108 126.7 103.4 143.4



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





#63

Azobenzene

Concen: 42.055 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.04 min

Lab File: BG041459.D

Acq: 26 Jun 2019 00:44

Instrument :

BNA_G

ClientSampleId :

TP-1MS

Tgt Ion: 77 Resp: 264370

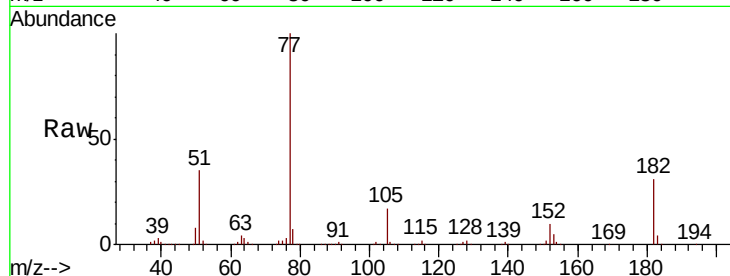
Ion Ratio Lower Upper

77 100

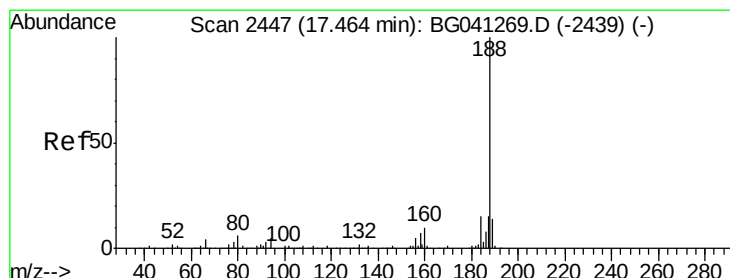
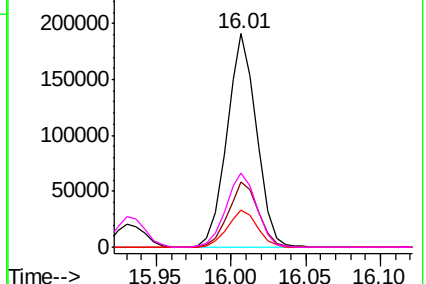
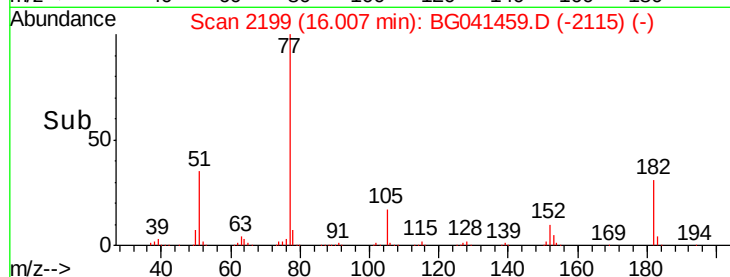
182 30.6 7.5 47.5

105 17.2 0.0 37.7

51 34.6 14.6 54.6



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.04 min

Lab File: BG041459.D

Acq: 26 Jun 2019 00:44

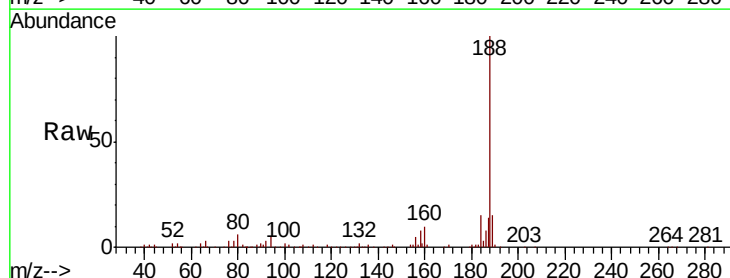
Tgt Ion: 188 Resp: 200225

Ion Ratio Lower Upper

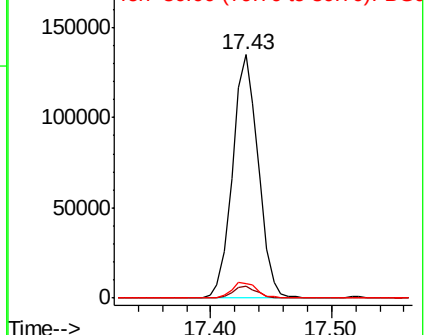
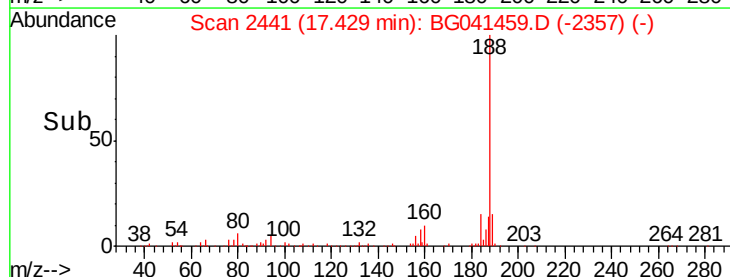
188 100

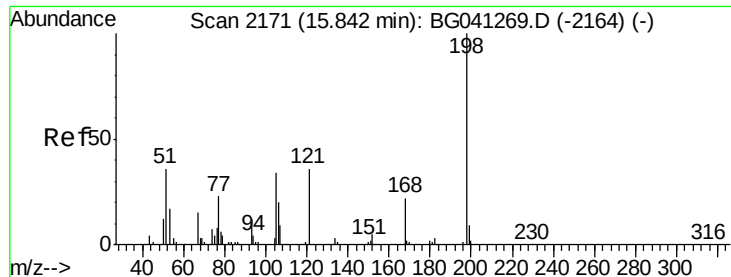
94 4.7 3.6 5.4

80 5.8 4.8 7.2



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: 20.045 ng

RT: 15.82 min Scan# 2167

Delta R.T. -0.02 min

Lab File: BG041459.D

Acq: 26 Jun 2019 00:44

Instrument :

BNA_G

ClientSampleId :

TP-1MS

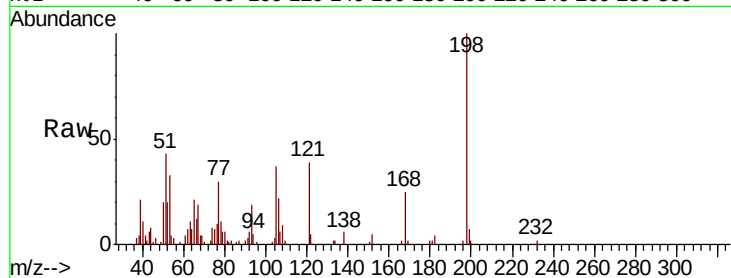
Tgt Ion:198 Resp: 26051

Ion Ratio Lower Upper

198 100

51 42.8 23.4 63.4

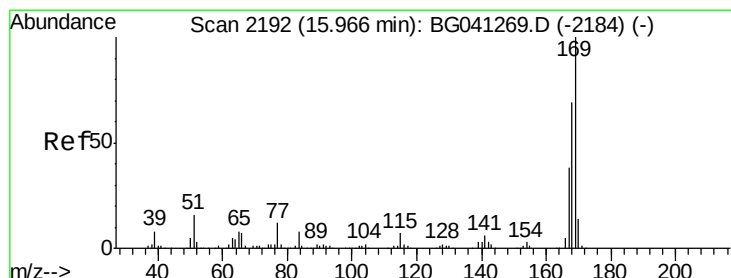
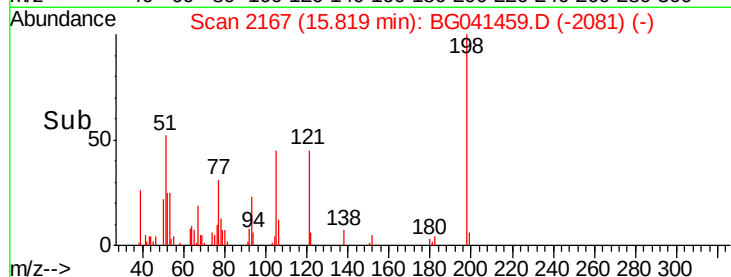
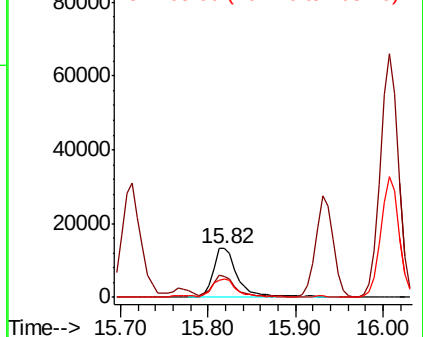
105 36.8 15.8 55.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.301 ng

RT: 15.93 min Scan# 2186

Delta R.T. -0.04 min

Lab File: BG041459.D

Acq: 26 Jun 2019 00:44

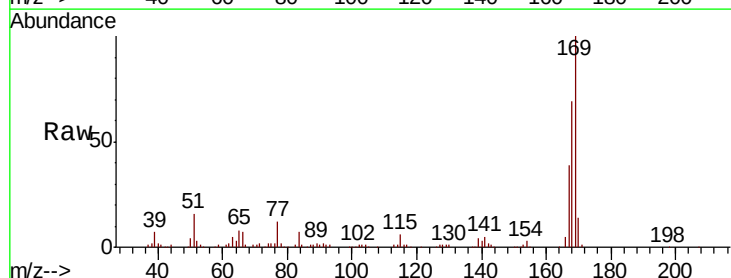
Tgt Ion:169 Resp: 251476

Ion Ratio Lower Upper

169 100

168 68.7 55.2 82.8

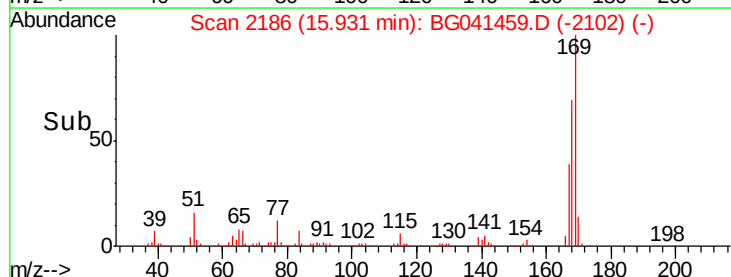
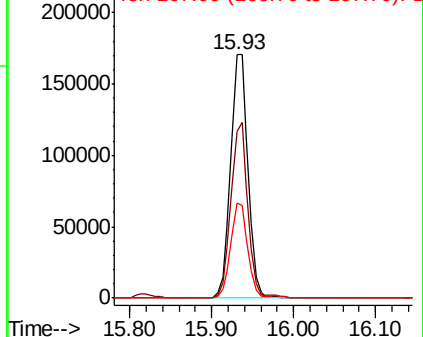
167 39.0 30.4 45.6

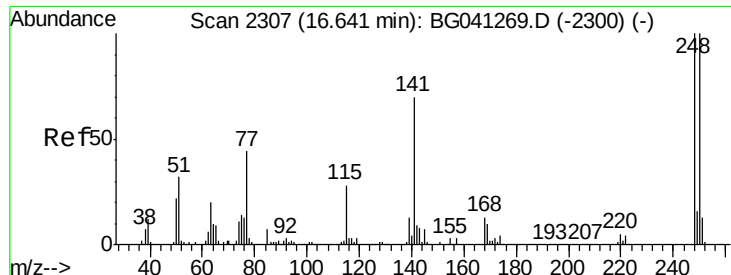


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

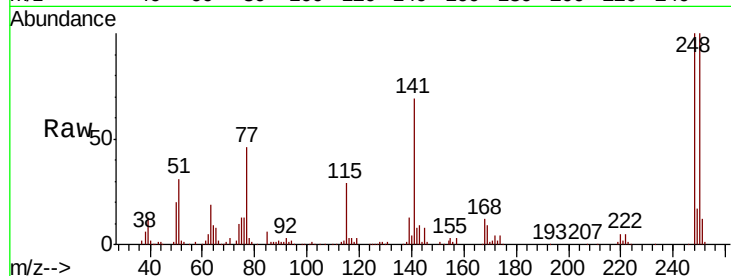




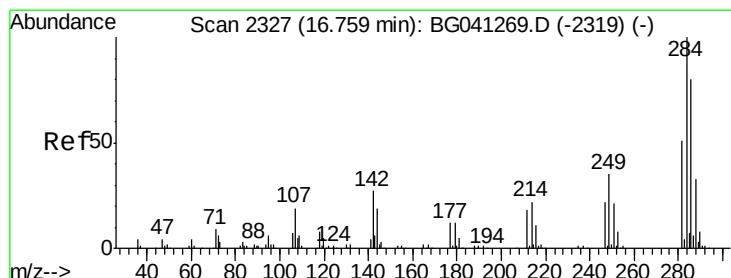
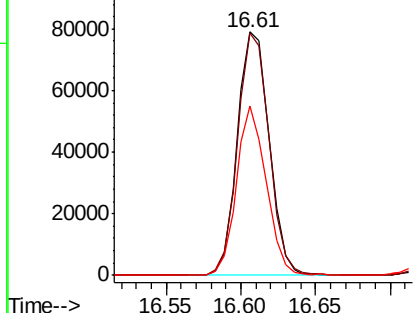
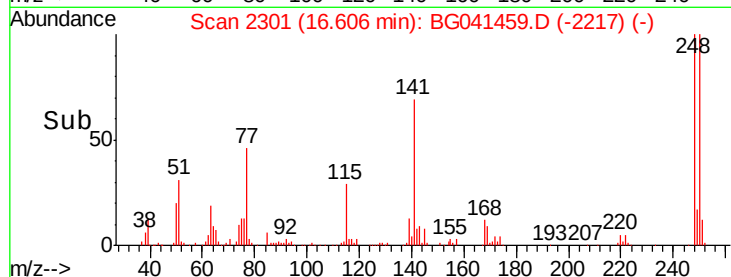
#67
 4-Bromophenyl-phenylether
 Concen: 45.229 ng
 RT: 16.61 min Scan# 2301
 Delta R.T. -0.04 min
 Lab File: BG041459.D
 Acq: 26 Jun 2019 00:44

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MS

Tgt Ion:248 Resp: 117096
 Ion Ratio Lower Upper
 248 100
 250 99.7 79.8 119.8
 141 69.3 55.8 83.6

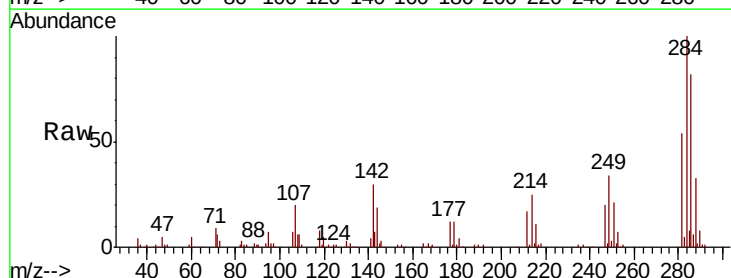


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

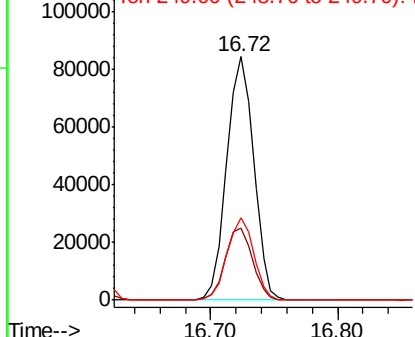
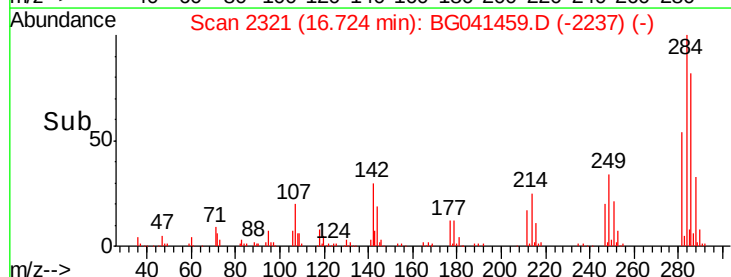


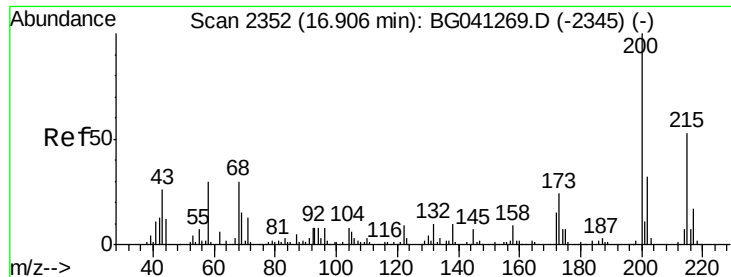
#68
 Hexachlorobenzene
 Concen: 44.937 ng
 RT: 16.72 min Scan# 2321
 Delta R.T. -0.04 min
 Lab File: BG041459.D
 Acq: 26 Jun 2019 00:44

Tgt Ion:284 Resp: 124582
 Ion Ratio Lower Upper
 284 100
 142 29.5 21.8 32.8
 249 36.4 27.8 41.6



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





#69

Atrazine

Concen: Below Cal

RT: 16.88 min Scan# 2347

Delta R.T. -0.03 min

Lab File: BG041459.D

Acq: 26 Jun 2019 00:44

Instrument :

BNA_G

ClientSampleId :

TP-1MS

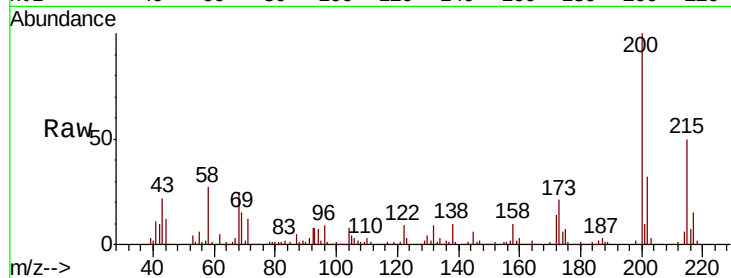
Tgt Ion:200 Resp: 112423

Ion Ratio Lower Upper

200 100

173 20.9 4.0 44.0

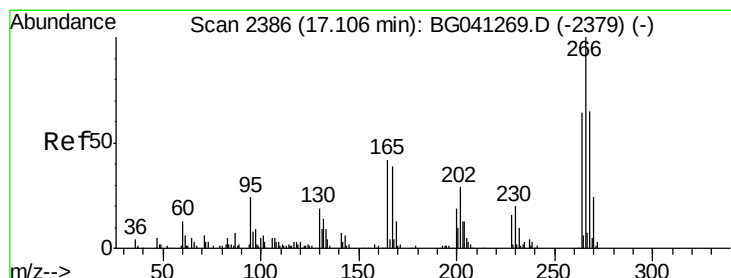
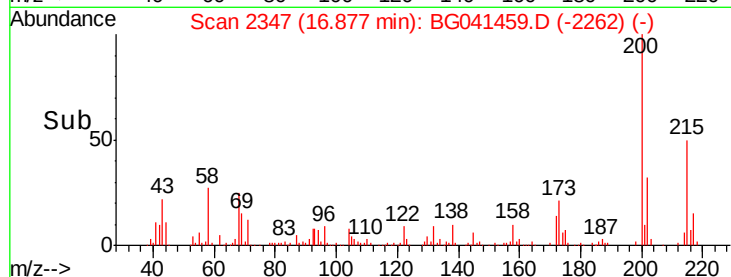
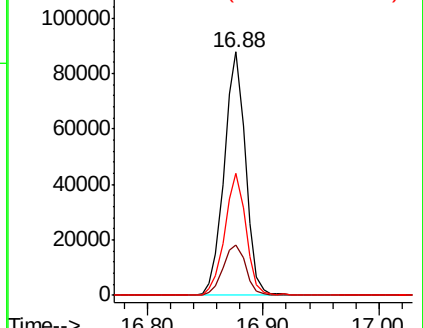
215 49.9 33.4 73.4



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: 71.160 ng

RT: 17.08 min Scan# 2381

Delta R.T. -0.03 min

Lab File: BG041459.D

Acq: 26 Jun 2019 00:44

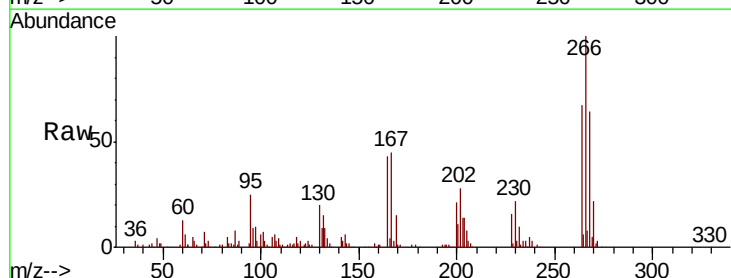
Tgt Ion:266 Resp: 101019

Ion Ratio Lower Upper

266 100

268 63.7 52.0 78.0

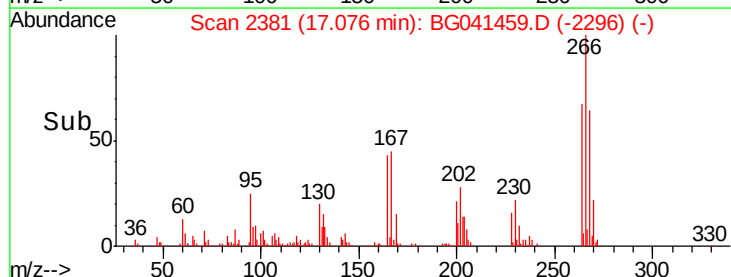
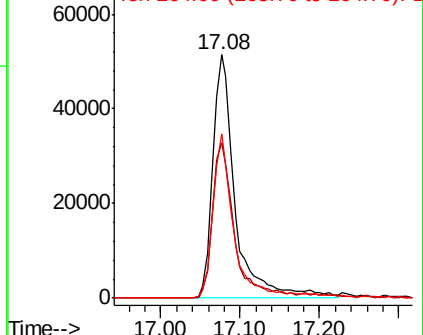
264 67.3 51.2 76.8

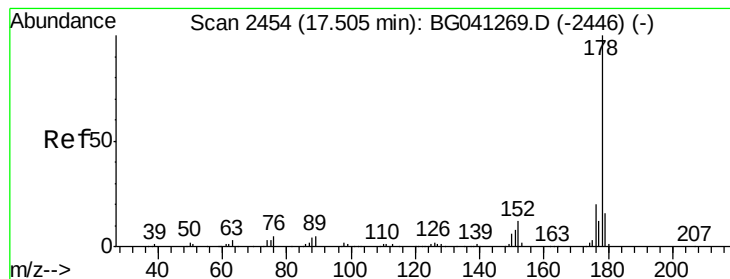


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 45.869 ng

RT: 17.47 min Scan# 2448

Delta R.T. -0.04 min

Lab File: BG041459.D

Acq: 26 Jun 2019 00:44

Instrument :

BNA_G

ClientSampleId :

TP-1MS

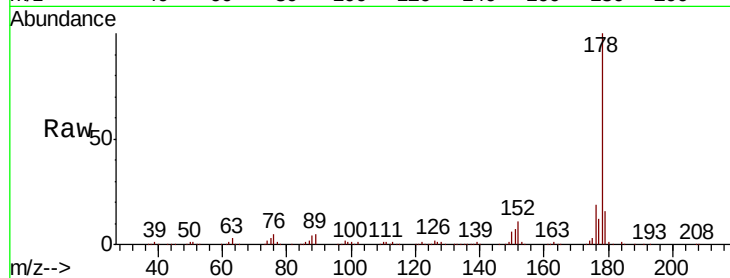
Tgt Ion:178 Resp: 489826

Ion Ratio Lower Upper

178 100

176 19.1 16.1 24.1

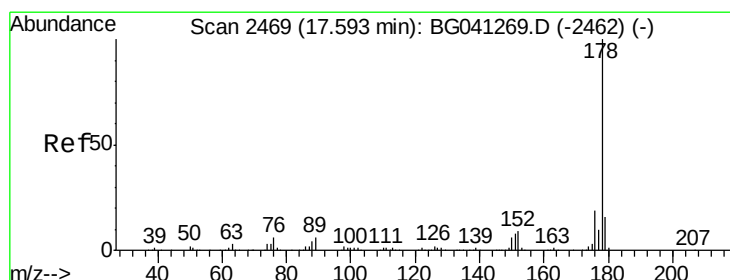
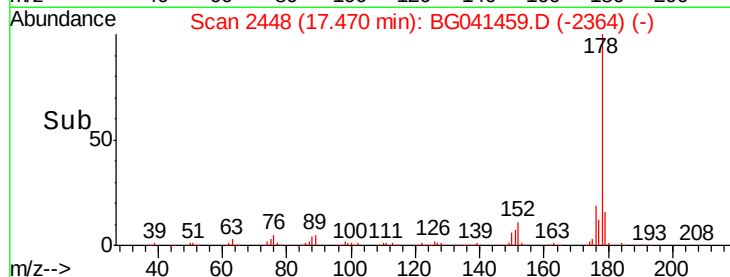
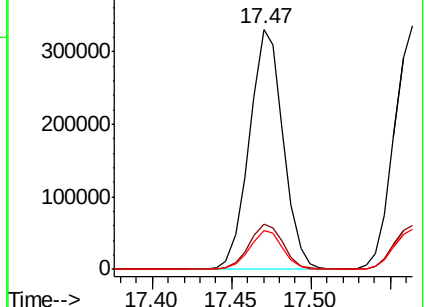
179 16.1 12.9 19.3



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



#72

Anthracene

Concen: 47.529 ng

RT: 17.56 min Scan# 2464

Delta R.T. -0.03 min

Lab File: BG041459.D

Acq: 26 Jun 2019 00:44

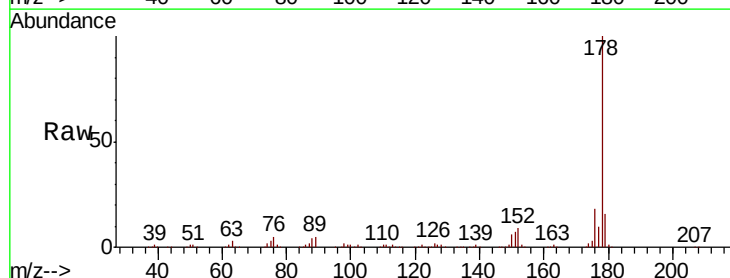
Tgt Ion:178 Resp: 500373

Ion Ratio Lower Upper

178 100

176 18.2 15.4 23.2

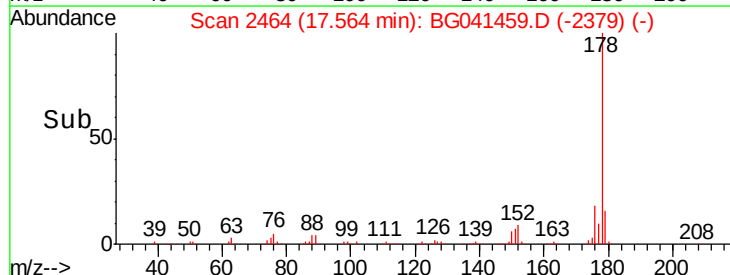
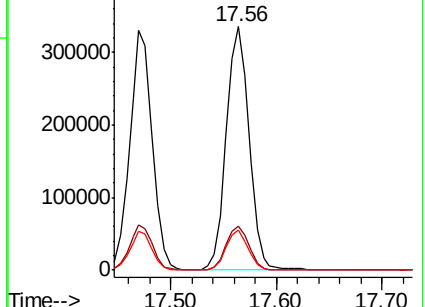
179 16.3 13.0 19.4

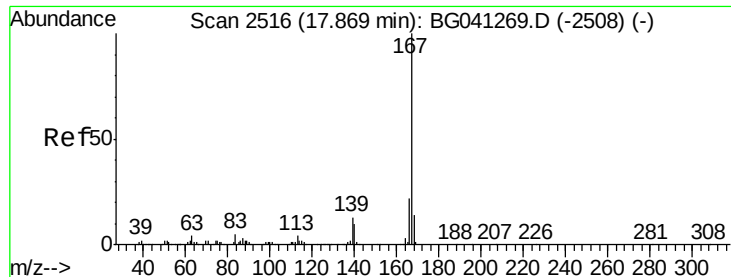


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 46.513 ng

RT: 17.84 min Scan# 2511

Delta R.T. -0.03 min

Lab File: BG041459.D

Acq: 26 Jun 2019 00:44

Instrument :

BNA_G

ClientSampleId :

TP-1MS

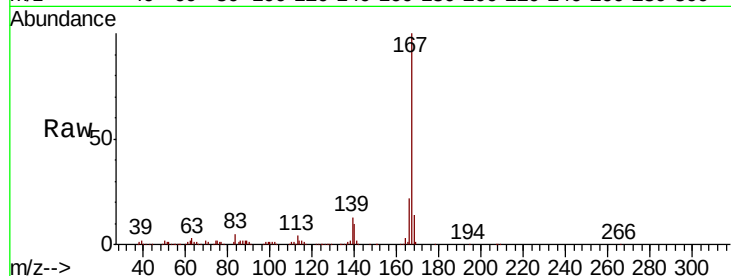
Tgt Ion:167 Resp: 428358

Ion Ratio Lower Upper

167 100

166 21.6 17.9 26.9

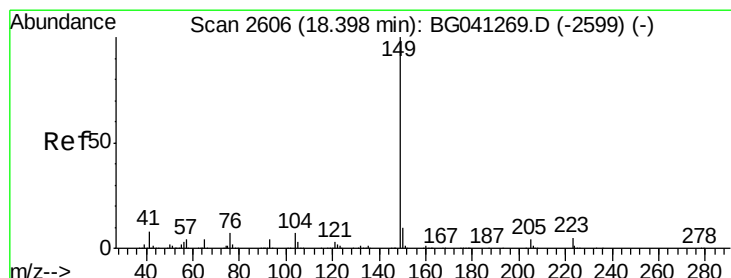
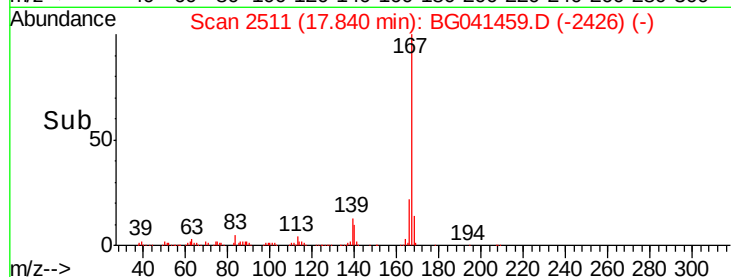
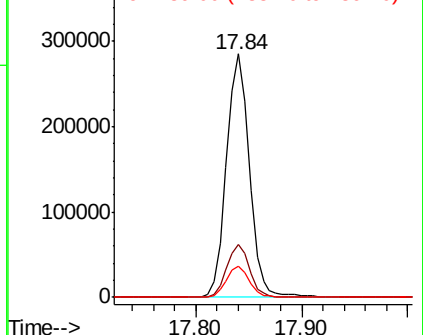
139 13.0 10.7 16.1



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: 44.716 ng

RT: 18.36 min Scan# 2600

Delta R.T. -0.04 min

Lab File: BG041459.D

Acq: 26 Jun 2019 00:44

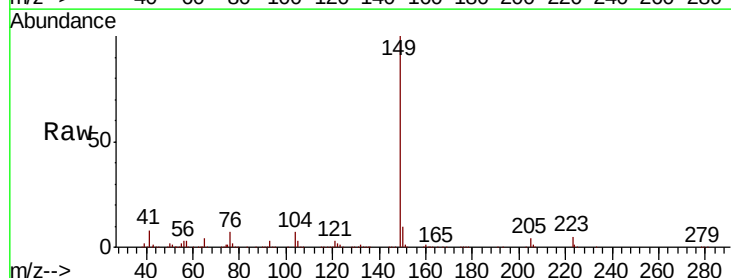
Tgt Ion:149 Resp: 513843

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

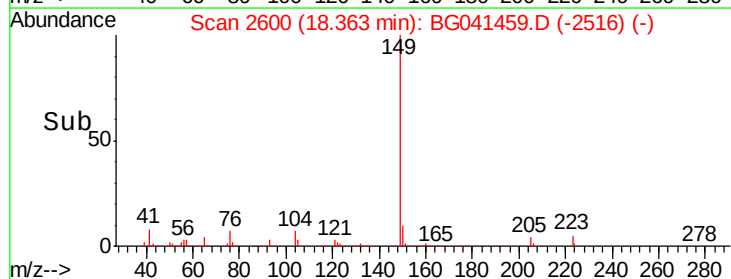
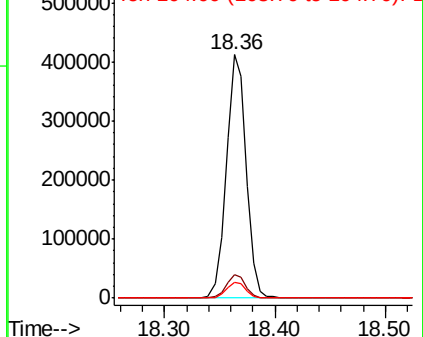
104 6.5 5.4 8.0

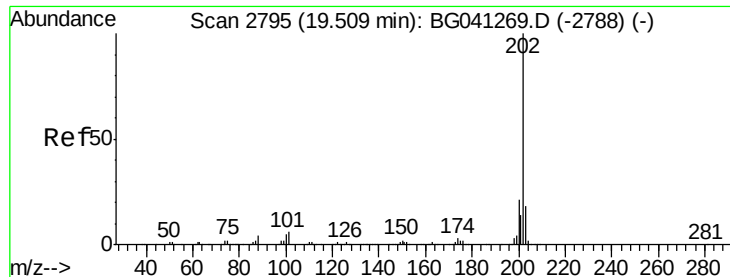


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.356 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.03 min

Lab File: BG041459.D

Acq: 26 Jun 2019 00:44

Instrument :

BNA_G

ClientSampleId :

TP-1MS

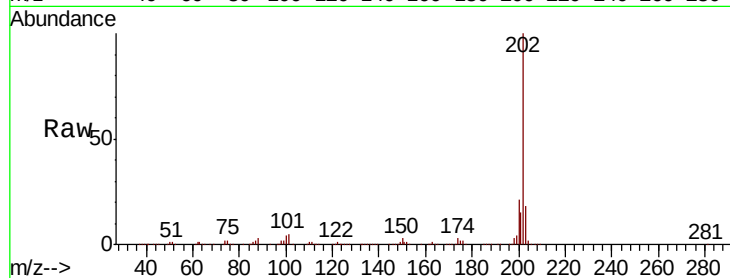
Tgt Ion:202 Resp: 657646

Ion Ratio Lower Upper

202 100

101 5.3 0.0 26.0

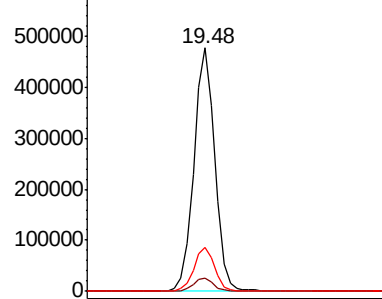
203 18.1 0.0 37.7



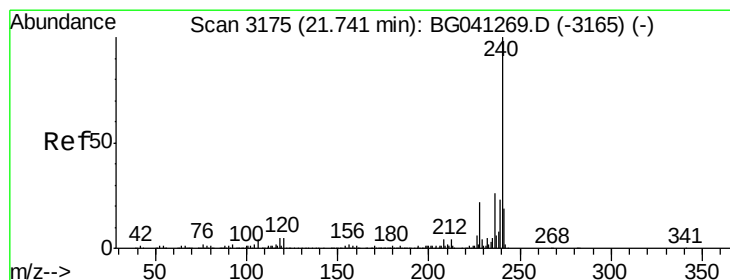
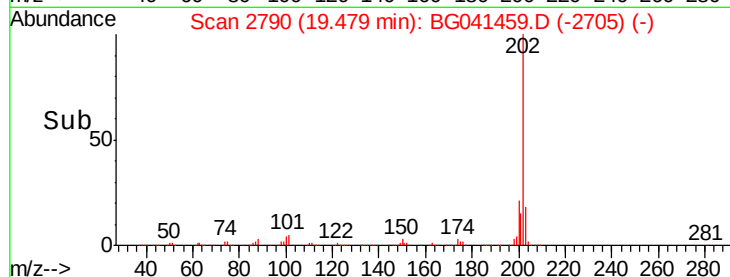
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.04 min

Lab File: BG041459.D

Acq: 26 Jun 2019 00:44

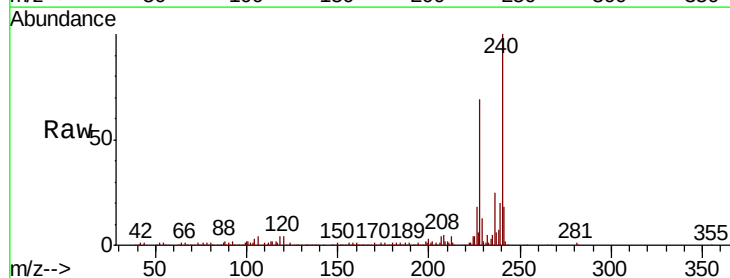
Tgt Ion:240 Resp: 216259

Ion Ratio Lower Upper

240 100

120 4.1 3.7 5.5

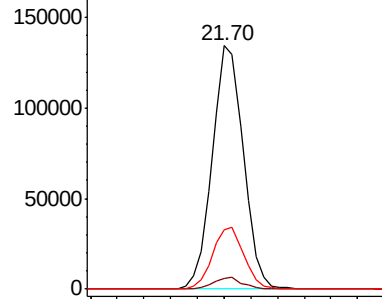
236 24.6 21.1 31.7



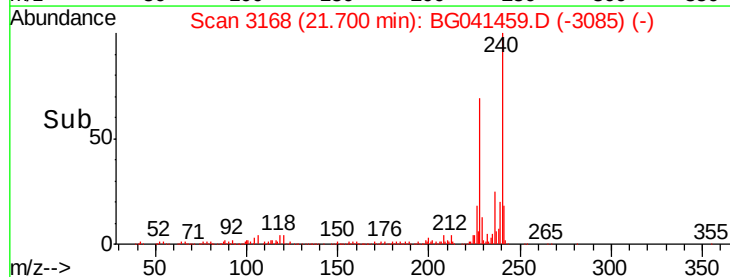
Abundance Ion 240.00 (239.70 to 240.70): E

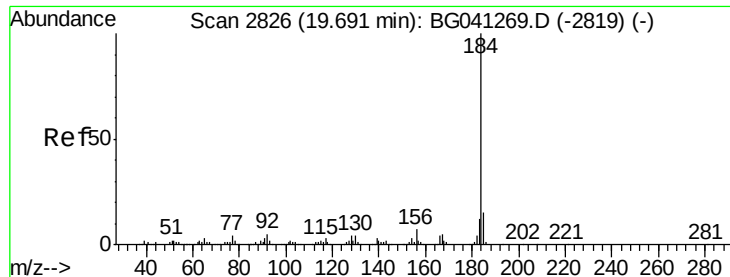
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 14.457 ng

RT: 19.67 min Scan# 2822

Delta R.T. -0.02 min

Lab File: BG041459.D

Acq: 26 Jun 2019 00:44

Instrument :

BNA_G

ClientSampleId :

TP-1MS

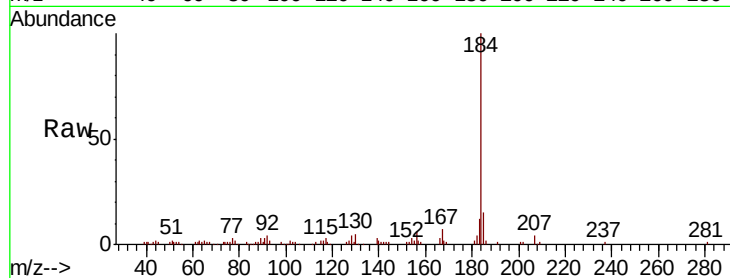
Tgt Ion:184 Resp: 75624

Ion Ratio Lower Upper

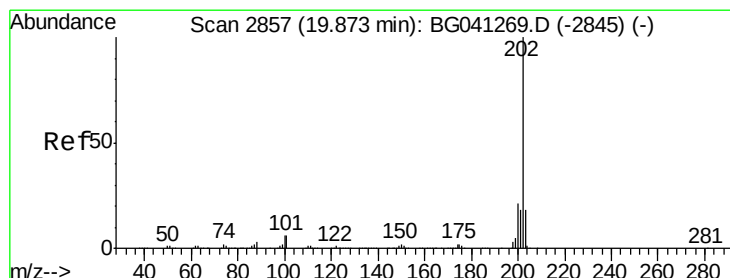
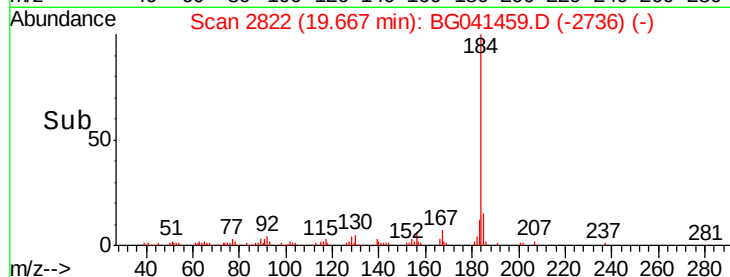
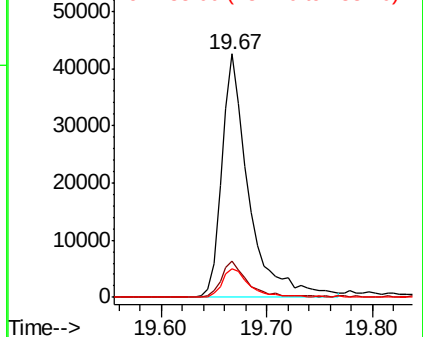
184 100

185 14.9 12.2 18.2

183 11.7 9.6 14.4



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: 45.638 ng

RT: 19.84 min Scan# 2852

Delta R.T. -0.03 min

Lab File: BG041459.D

Acq: 26 Jun 2019 00:44

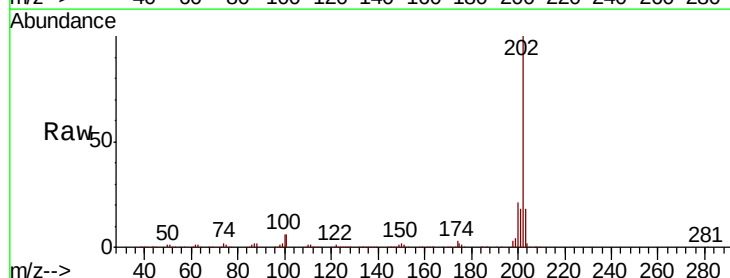
Tgt Ion:202 Resp: 665614

Ion Ratio Lower Upper

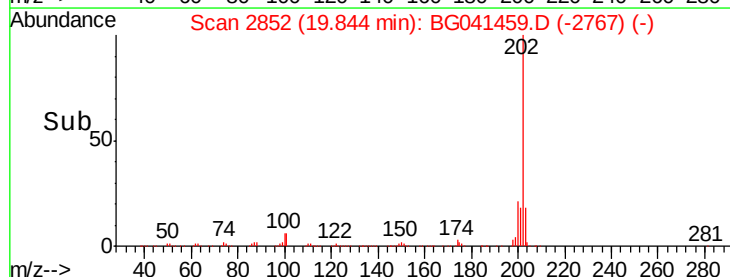
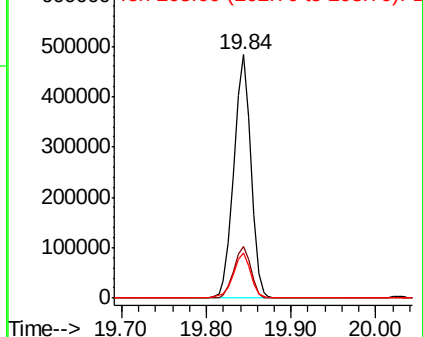
202 100

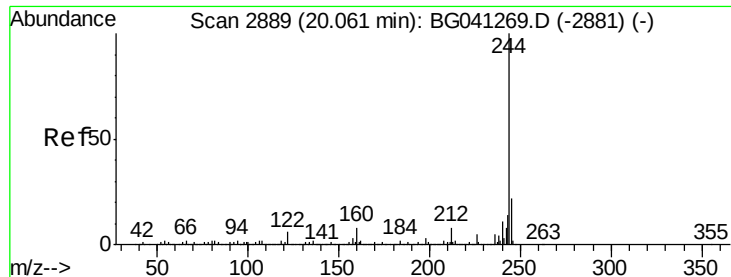
200 21.4 16.8 25.2

203 18.3 14.6 21.8



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: 98.175 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.04 min

Lab File: BG041459.D

Acq: 26 Jun 2019 00:44

Instrument :

BNA_G

ClientSampleId :

TP-1MS

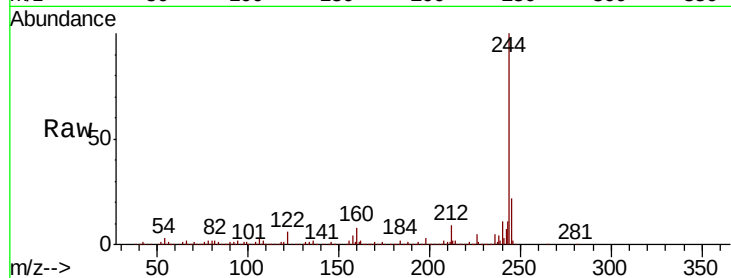
Tgt Ion:244 Resp: 1071313

Ion Ratio Lower Upper

244 100

212 8.6 6.6 10.0

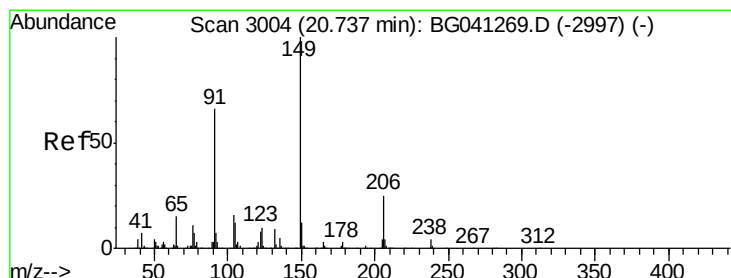
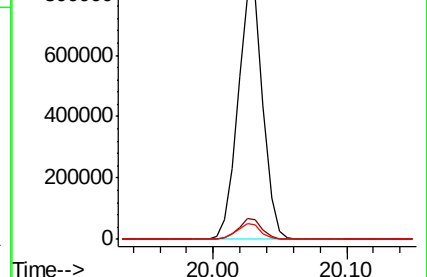
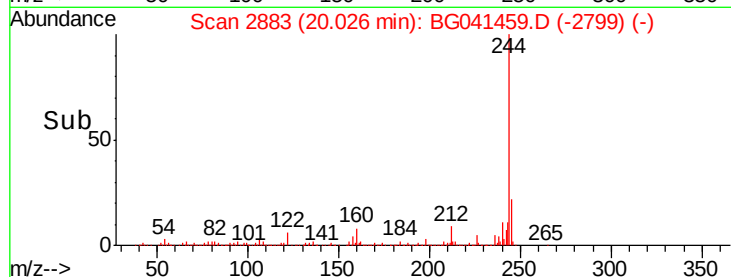
122 6.4 5.0 7.4



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: 43.465 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.03 min

Lab File: BG041459.D

Acq: 26 Jun 2019 00:44

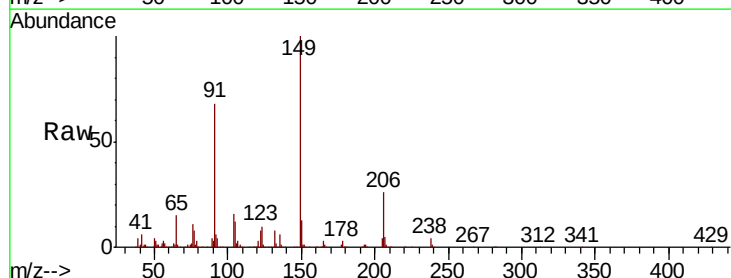
Tgt Ion:149 Resp: 239777

Ion Ratio Lower Upper

149 100

91 67.7 53.2 79.8

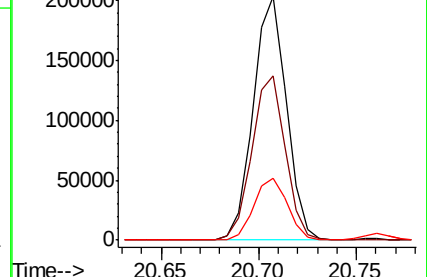
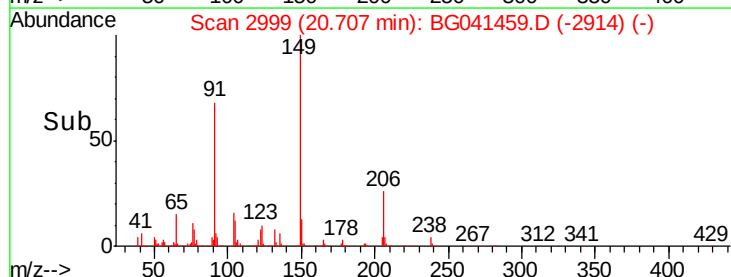
206 25.6 20.3 30.5

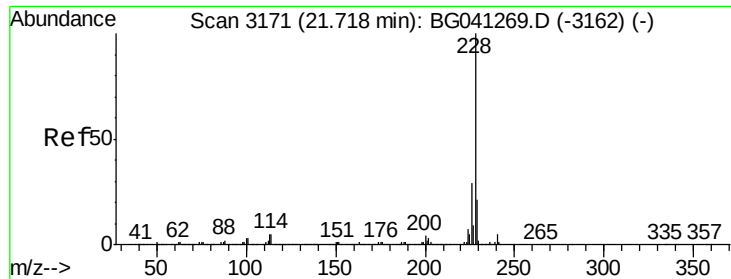


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

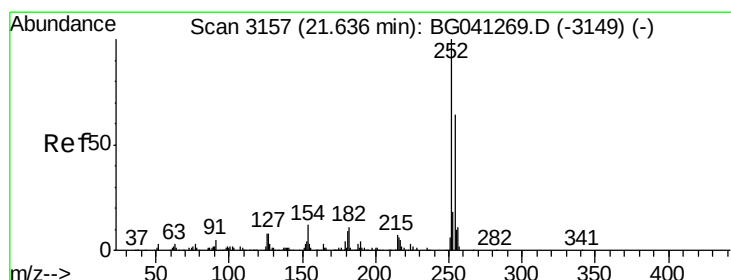
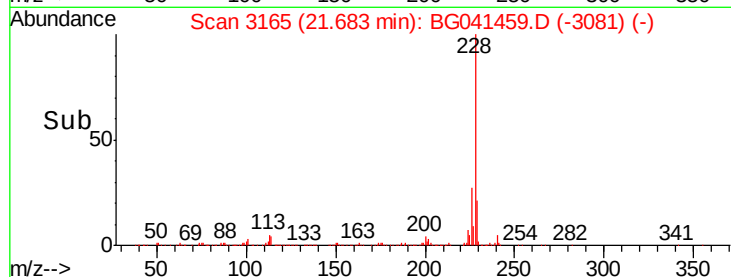
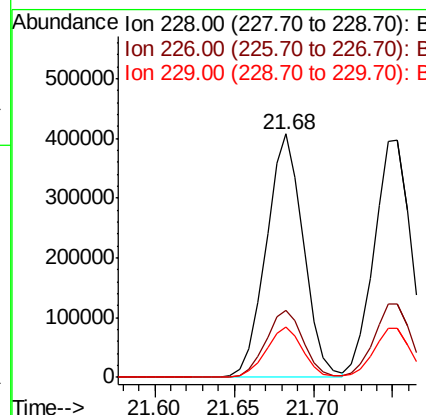
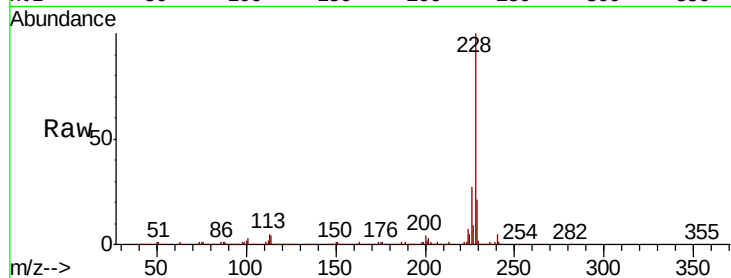




#81
Benzo(a)anthracene
Concen: 45.224 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.04 min
Lab File: BG041459.D
Acq: 26 Jun 2019 00:44

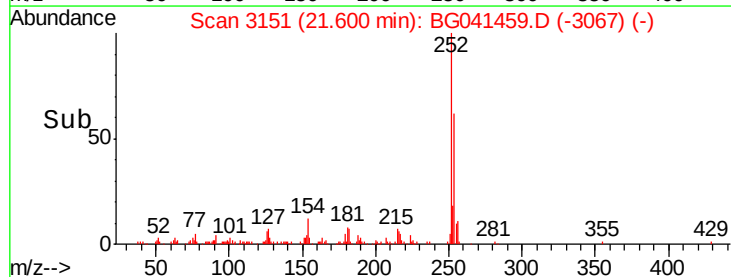
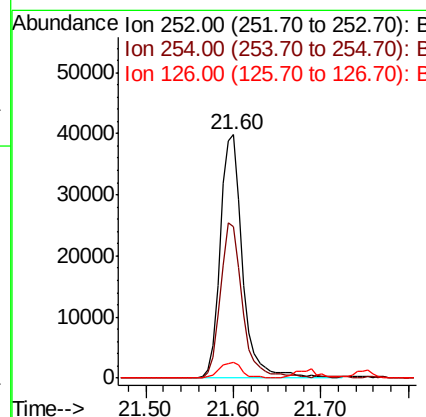
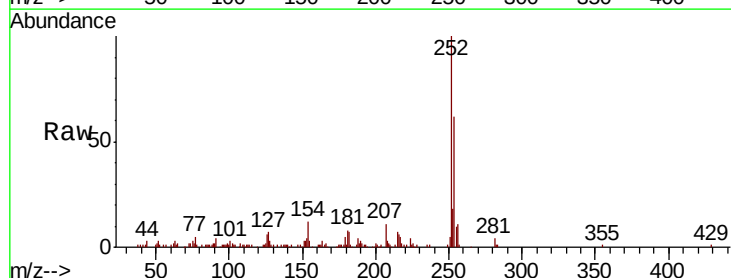
Instrument :
BNA_G
ClientSampled :
TP-1MS

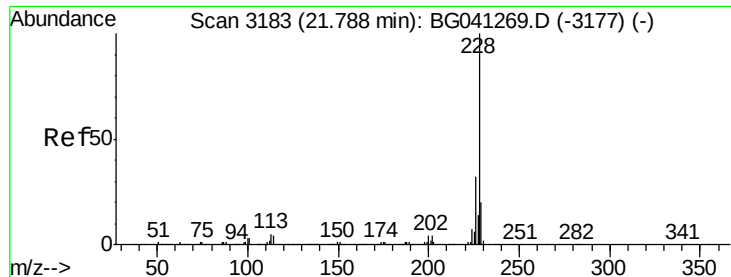
Tgt Ion: 228 Resp: 662198
Ion Ratio Lower Upper
228 100
226 27.5 23.2 34.8
229 20.5 16.8 25.2



#82
3,3'-Dichlorobenzidine
Concen: 13.756 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.04 min
Lab File: BG041459.D
Acq: 26 Jun 2019 00:44

Tgt Ion: 252 Resp: 70707
Ion Ratio Lower Upper
252 100
254 62.3 51.4 77.0
126 6.3 6.0 9.0





#83

Chrysene

Concen: 45.738 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.04 min

Lab File: BG041459.D

Acq: 26 Jun 2019 00:44

Instrument :

BNA_G

ClientSampleId :

TP-1MS

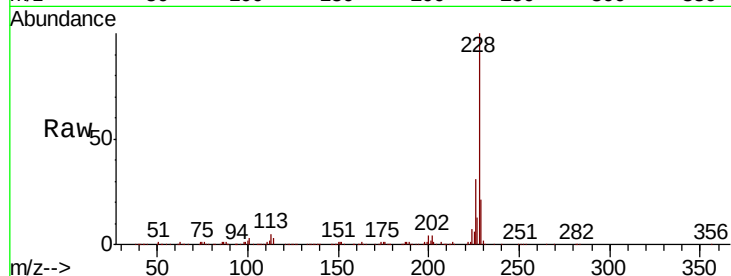
Tgt Ion:228 Resp: 644056

Ion Ratio Lower Upper

228 100

226 31.2 25.4 38.0

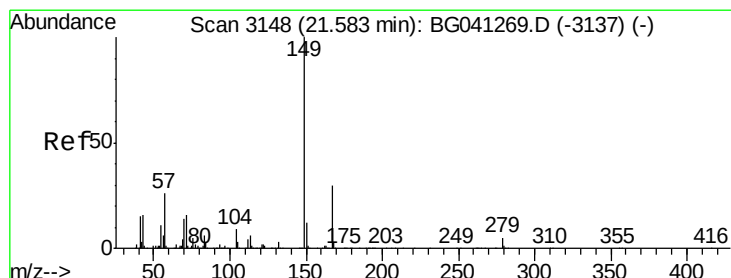
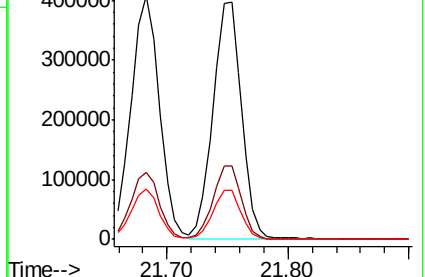
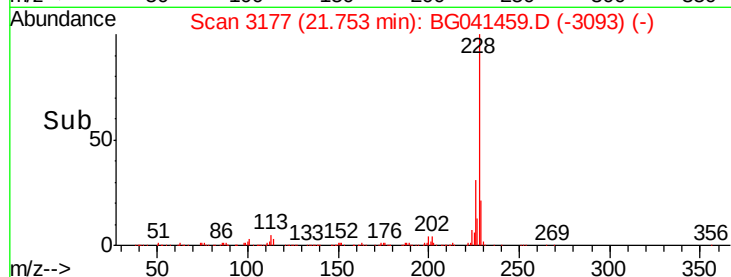
229 20.6 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.567 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.04 min

Lab File: BG041459.D

Acq: 26 Jun 2019 00:44

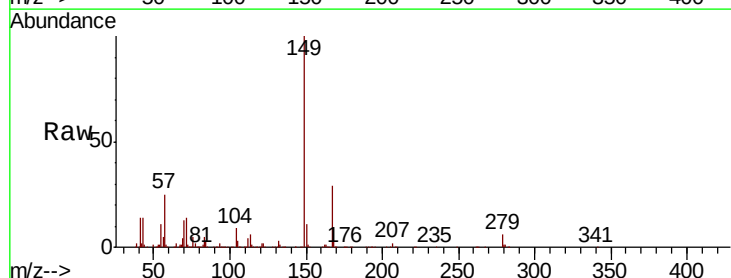
Tgt Ion:149 Resp: 335053

Ion Ratio Lower Upper

149 100

167 29.1 23.8 35.8

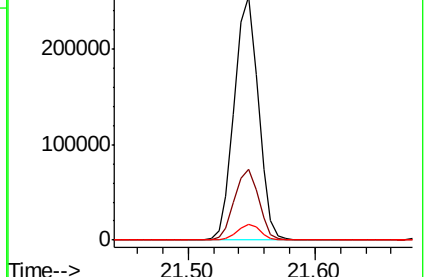
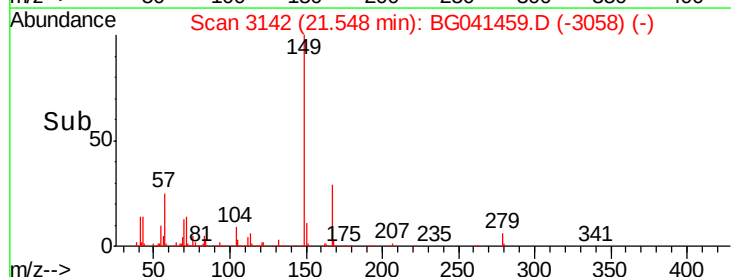
279 6.3 4.4 6.6

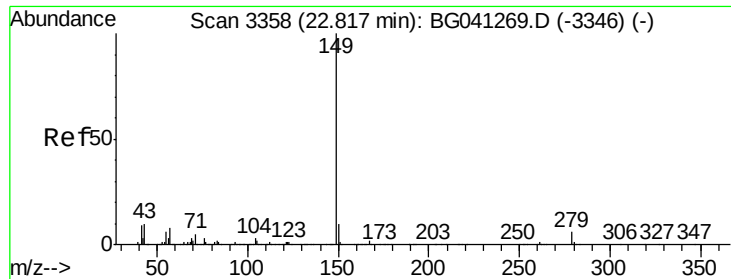


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

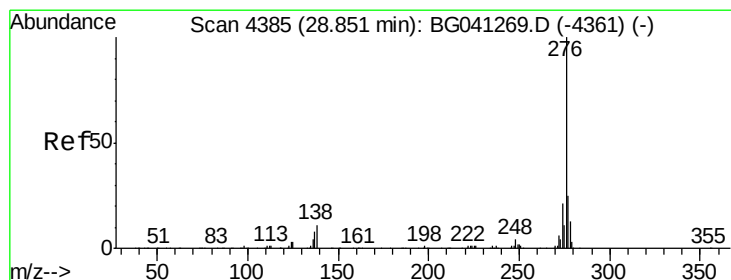
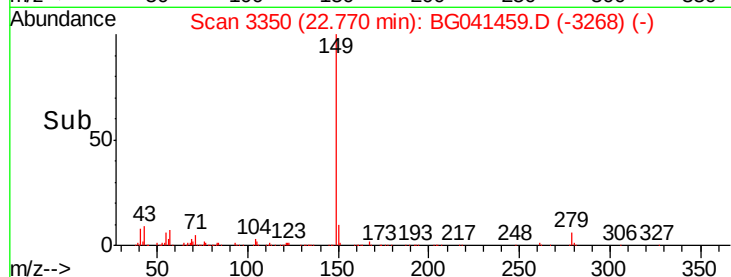
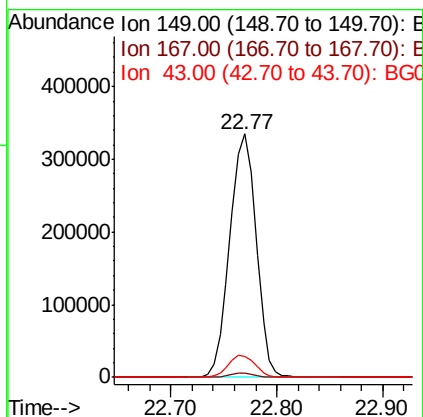
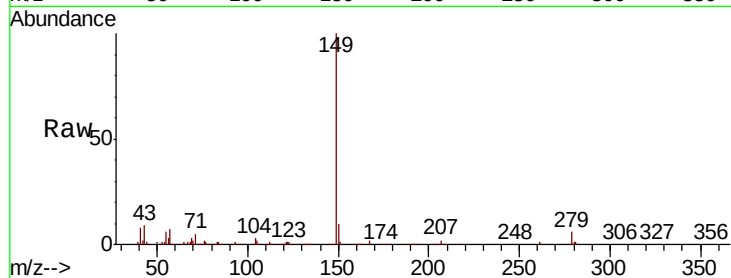




#85
Di-n-octyl phthalate
Concen: 45.622 ng
RT: 22.77 min Scan# 3350
Delta R.T. -0.05 min
Lab File: BG041459.D
Acq: 26 Jun 2019 00:44

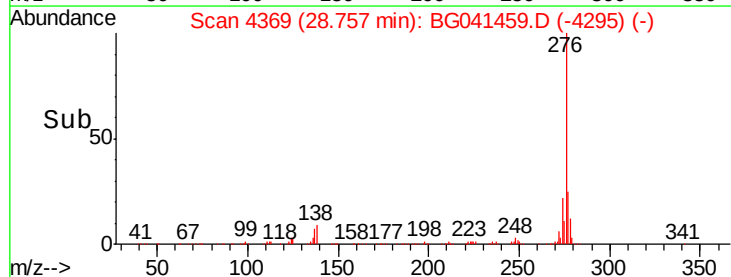
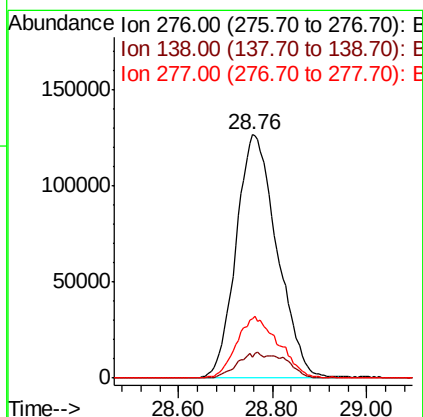
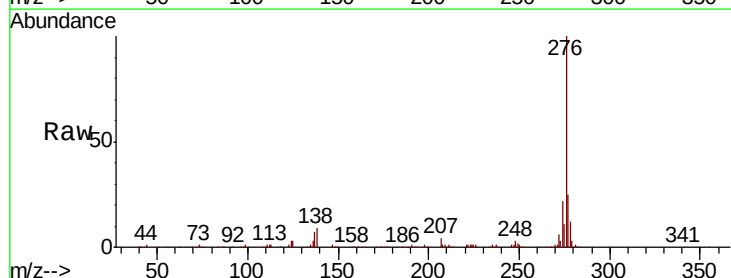
Instrument :
BNA_G
ClientSampleId :
TP-1MS

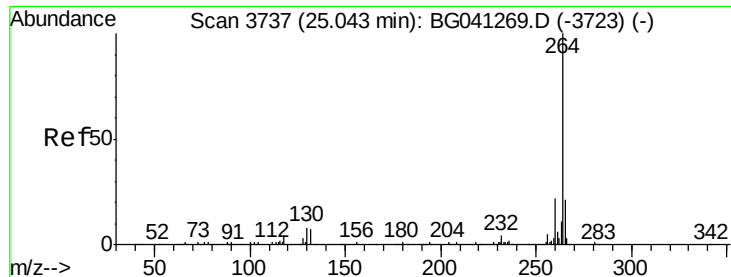
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	9.1	8.2	12.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.834 ng
RT: 28.76 min Scan# 4369
Delta R.T. -0.09 min
Lab File: BG041459.D
Acq: 26 Jun 2019 00:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	6.4	7.7	11.5#
277	25.9	20.6	31.0



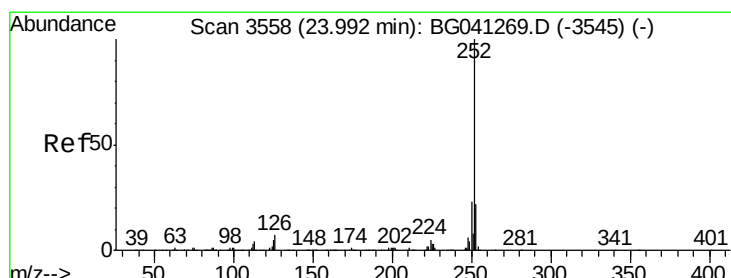
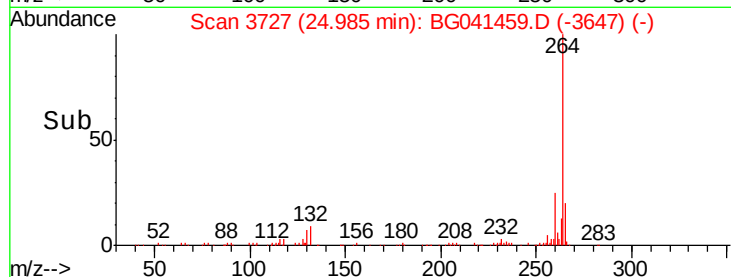
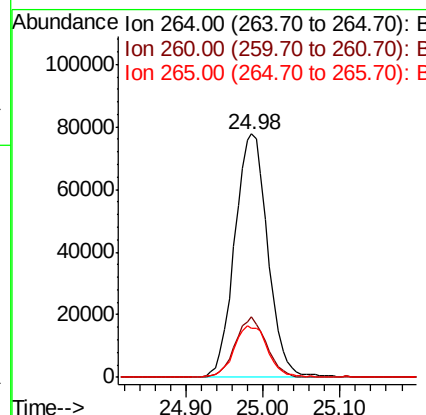
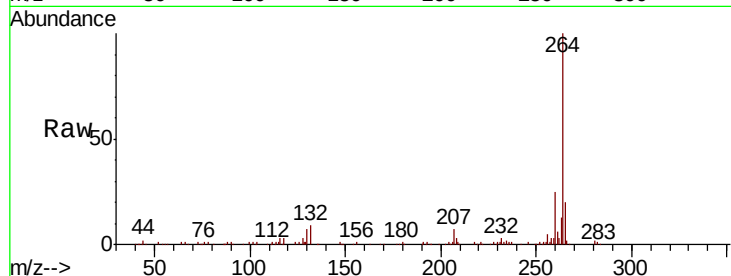


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3727
Delta R.T. -0.06 min
Lab File: BG041459.D
Acq: 26 Jun 2019 00:44

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tgt Ion: 264 Resp: 232691

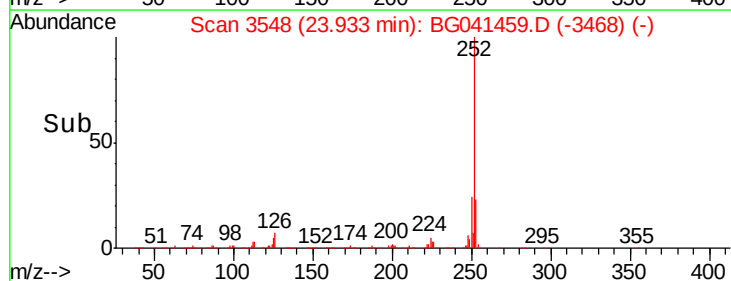
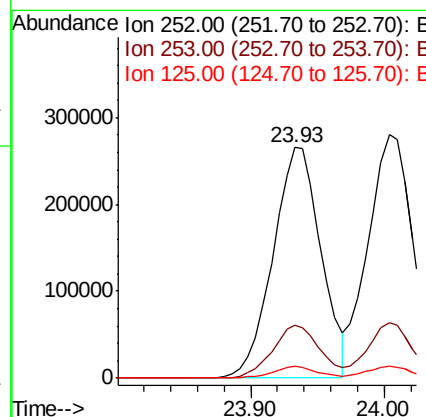
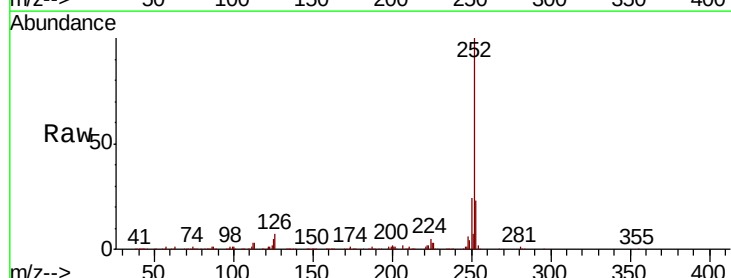
Ion	Ratio	Lower	Upper
264	100		
260	25.1	17.4	26.2
265	20.0	17.2	25.8

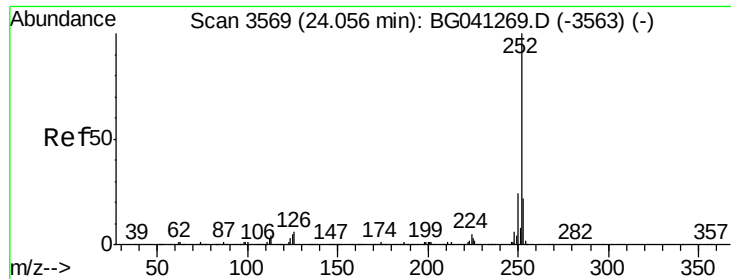


#88
Benzo(b)fluoranthene
Concen: 45.894 ng
RT: 23.93 min Scan# 3548
Delta R.T. -0.06 min
Lab File: BG041459.D
Acq: 26 Jun 2019 00:44

Tgt Ion: 252 Resp: 661816

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.0
125	5.0	3.9	5.9

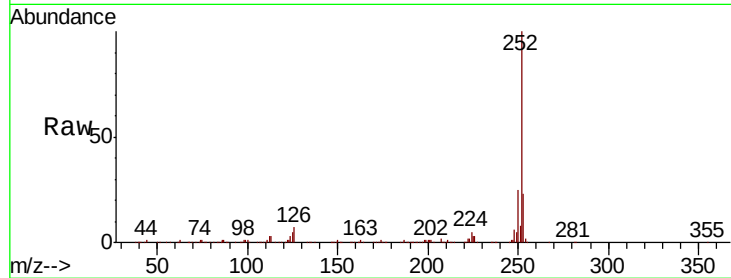




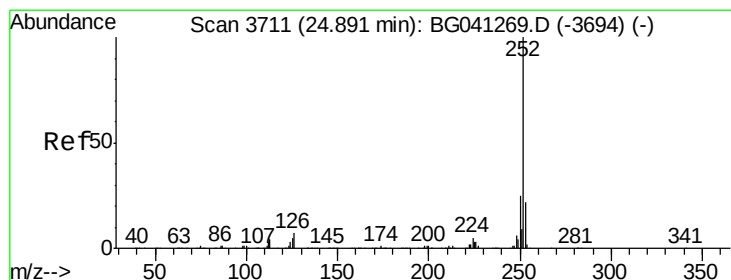
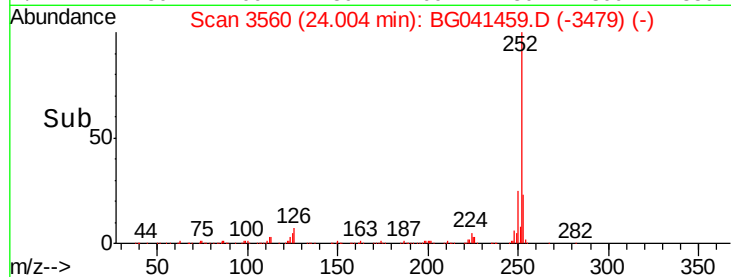
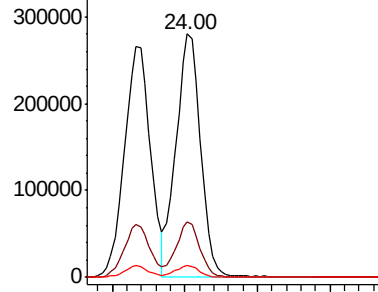
#89
Benzo(k)fluoranthene
Concen: 46.159 ng
RT: 24.00 min Scan# 3560
Delta R.T. -0.05 min
Lab File: BG041459.D
Acq: 26 Jun 2019 00:44

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tgt Ion:252 Resp: 659409
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 4.9 4.3 6.5

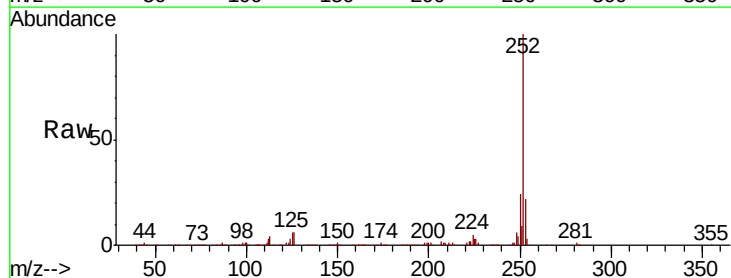


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

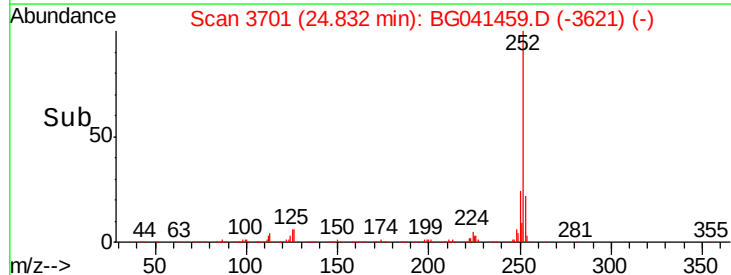
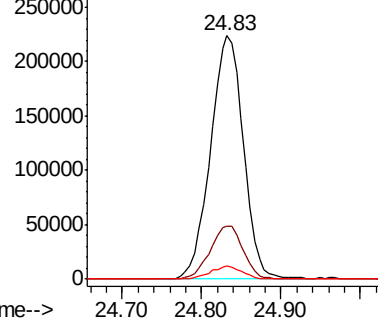


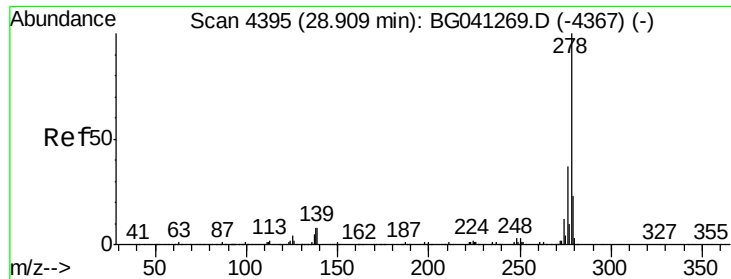
#90
Benzo(a)pyrene
Concen: 47.212 ng
RT: 24.83 min Scan# 3701
Delta R.T. -0.06 min
Lab File: BG041459.D
Acq: 26 Jun 2019 00:44

Tgt Ion:252 Resp: 642987
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 5.6 4.2 6.4



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

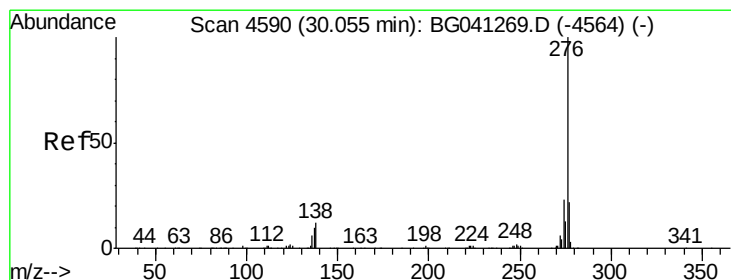
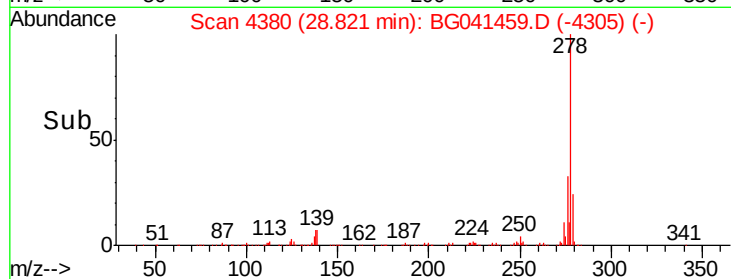
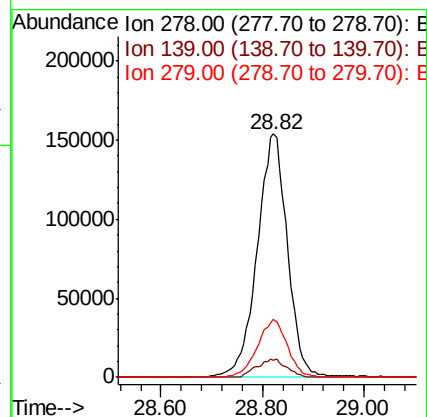
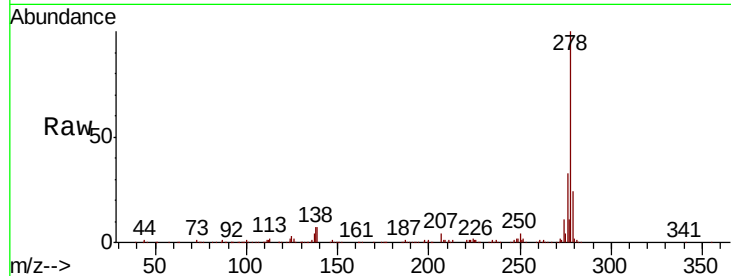




#91
Dibenzo(a,h)anthracene
Concen: 46.385 ng
RT: 28.82 min Scan# 4380
Delta R.T. -0.09 min
Lab File: BG041459.D
Acq: 26 Jun 2019 00:44

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tgt Ion:278 Resp: 635994
Ion Ratio Lower Upper
278 100
139 7.3 6.6 10.0
279 23.8 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 46.481 ng
RT: 29.96 min Scan# 4573
Delta R.T. -0.10 min
Lab File: BG041459.D
Acq: 26 Jun 2019 00:44

Tgt Ion:276 Resp: 629816
Ion Ratio Lower Upper
276 100
277 24.0 17.9 26.9
138 10.0 9.4 14.0

