

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062219\
 Data File : BG041401.D
 Acq On : 22 Jun 2019 13:48
 Operator : HP/JU
 Sample : PB120652BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120652BS

Quant Time: Jun 24 02:08:19 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	8.05	152	26083	20.00	ng	-0.03
21) Naphthalene-d8	10.87	136	90695	20.00	ng	-0.04
39) Acenaphthene-d10	14.69	164	67099	20.00	ng	-0.03
64) Phenanthrene-d10	17.44	188	195238	20.00	ng	-0.03
76) Chrysene-d12	21.71	240	224091	20.00	ng	-0.03
87) Perylene-d12	25.00	264	219115	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	200160	141.00	ng	-0.03
7) Phenol-d6	7.21	99	277654	134.94	ng	-0.03
23) Nitrobenzene-d5	9.23	82	197205	91.45	ng	-0.03
42) 2,4,6-Tribromophenol	16.18	330	165564	160.72	ng	-0.03
45) 2-Fluorobiphenyl	13.31	172	453065	91.77	ng	-0.03
79) Terphenyl-d14	20.04	244	1019892	90.20	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	23896	33.570	ng	97
3) Pyridine	3.84	79	62232	32.955	ng	93
4) n-Nitrosodimethylamine	3.76	42	42002	41.709	ng	89
6) Aniline	7.37	93	74429	26.023	ng	98
8) 2-Chlorophenol	7.61	128	74141	44.450	ng	95
9) Benzaldehyde	7.19	77	19996	15.194	ng	93
10) Phenol	7.24	94	95645	43.225	ng	95
11) bis(2-Chloroethyl)ether	7.47	93	67770	40.366	ng	98
12) 1,3-Dichlorobenzene	7.93	146	84328	40.378	ng	93
13) 1,4-Dichlorobenzene	8.08	146	87245	40.896	ng	99
14) 1,2-Dichlorobenzene	8.40	146	82260	40.370	ng	94
15) Benzyl Alcohol	8.30	79	75548	38.321	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	100879	36.705	ng	100
17) 2-Methylphenol	8.50	107	69904	44.189	ng	92
18) Hexachloroethane	9.13	117	32603	38.566	ng	96
19) n-Nitroso-di-n-propylamine	8.85	70	62823	37.749	ng	98
20) 3+4-Methylphenols	8.82	107	93954	44.615	ng	95
22) Acetophenone	8.88	105	122961	46.590	ng	95
24) Nitrobenzene	9.27	77	98968	45.631	ng	97
25) Isophorone	9.79	82	178137	45.025	ng	98
26) 2-Nitrophenol	9.98	139	43911	49.939	ng	91
27) 2,4-Dimethylphenol	10.04	122	69021	52.367	ng	94
28) bis(2-Chloroethoxy)methane	10.27	93	92723	44.979	ng	96
29) 2,4-Dichlorophenol	10.52	162	83081	50.837	ng	95
30) 1,2,4-Trichlorobenzene	10.73	180	95614	45.682	ng	97
31) Naphthalene	10.92	128	230395	46.741	ng	99
32) Benzoic acid	10.19	122	46574	54.282	ng	97
33) 4-Chloroaniline	11.04	127	51021	24.372	ng	96
34) Hexachlorobutadiene	11.18	225	70512	42.442	ng	99
35) Caprolactam	11.83	113	14835	26.368	ng	# 77
36) 4-Chloro-3-methylphenol	12.16	107	96384	51.059	ng	98
37) 2-Methylnaphthalene	12.52	142	171962	47.367	ng	98
38) 1-Methylnaphthalene	12.74	142	161319	46.444	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	124059	44.775	ng	98

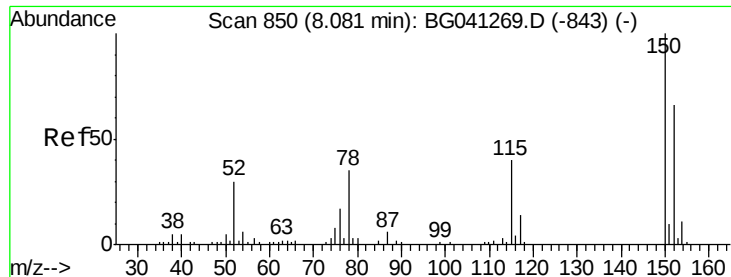
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062219\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	159187	85.294	nq	98
43) 2,4,6-Trichlorophenol	13.13	196	81999	47.841	nq	100
44) 2,4,5-Trichlorophenol	13.21	196	89248	50.606	nq	98
46) 1,1'-Biphenyl	13.53	154	234723	46.272	nq	99
47) 2-Chloronaphthalene	13.57	162	192250	44.021	nq	98
48) 2-Nitroaniline	13.79	65	70809	44.271	nq	92
49) Acenaphthylene	14.42	152	306918	46.312	nq	99
50) Dimethylphthalate	14.14	163	275129	46.084	nq	99
51) 2,6-Dinitrotoluene	14.28	165	61080	48.521	nq	93
52) Acenaphthene	14.75	154	176536	45.364	nq	94
53) 3-Nitroaniline	14.61	138	38417	30.975	nq	94
54) 2,4-Dinitrophenol	14.82	184	92551	100.901	nq	86
55) Dibenzofuran	15.09	168	320139	47.315	nq	98
56) 4-Nitrophenol	14.92	139	99896	104.978	nq	93
57) 2,4-Dinitrotoluene	15.06	165	91042	49.475	nq	# 97
58) Fluorene	15.73	166	255578	48.018	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	97367	53.388	nq	99
60) Diethylphthalate	15.49	149	292109	48.137	nq	98
61) 4-Chlorophenyl-phenylether	15.72	204	158881	45.880	nq	97
62) 4-Nitroaniline	15.78	138	60648	45.720	nq	97
63) Azobenzene	16.02	77	251239	46.409	nq	97
65) 4,6-Dinitro-2-methylphenol	15.82	198	61678	48.671	nq	98
66) n-Nitrosodiphenylamine	15.94	169	238702	46.045	nq	99
67) 4-Bromophenyl-phenylether	16.62	248	108024	42.790	nq	95
68) Hexachlorobenzene	16.73	284	112764	41.713	nq	95
69) Atrazine	16.89	200	114130	Below Cal		97
70) Pentachlorophenol	17.09	266	147063	106.240	nq	99
71) Phenanthrene	17.48	178	478140	45.919	nq	99
72) Anthracene	17.57	178	486549	47.396	nq	99
73) Carbazole	17.85	167	447762	49.861	nq	99
74) Di-n-butylphthalate	18.37	149	548213	48.926	nq	98
75) Fluoranthene	19.48	202	680759	49.211	nq	98
77) Benzidine	19.67	184	196525	36.258	nq	99
78) Pyrene	19.85	202	678097	44.869	nq	100
80) Butylbenzylphthalate	20.71	149	265656	46.473	nq	97
81) Benzo(a)anthracene	21.69	228	673816	44.409	nq	99
82) 3,3'-Dichlorobenzidine	21.60	252	168866	31.704	nq	98
83) Chrysene	21.76	228	666357	45.667	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	373245	47.912	nq	98
85) Di-n-octyl phthalate	22.78	149	640688	48.611	nq	98
86) Indeno(1,2,3-cd)pyrene	28.79	276	804722	46.484	nq	# 98
88) Benzo(b)fluoranthene	23.95	252	686043	50.521	nq	99
89) Benzo(k)fluoranthene	24.02	252	675163	50.190	nq	100
90) Benzo(a)pyrene	24.85	252	667480	52.047	nq	99
91) Dibenzo(a,h)anthracene	28.85	278	670692	51.947	nq	98
92) Benzo(g,h,i)perylene	29.99	276	671085	52.595	nq	98

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

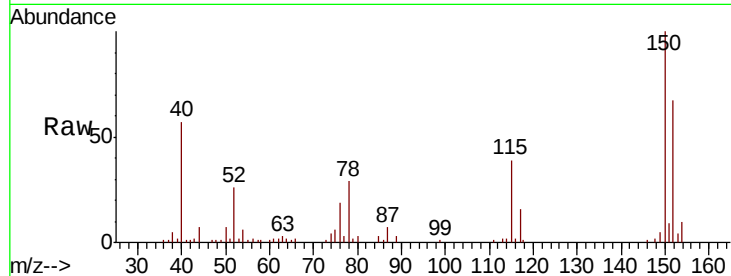


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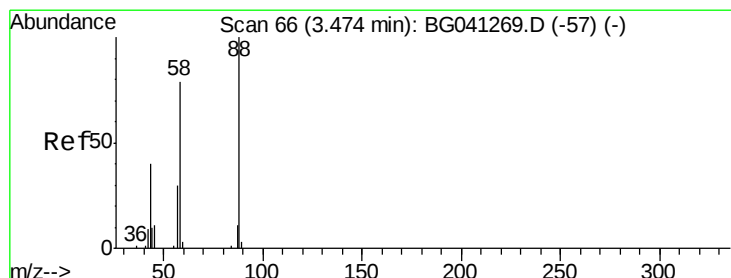
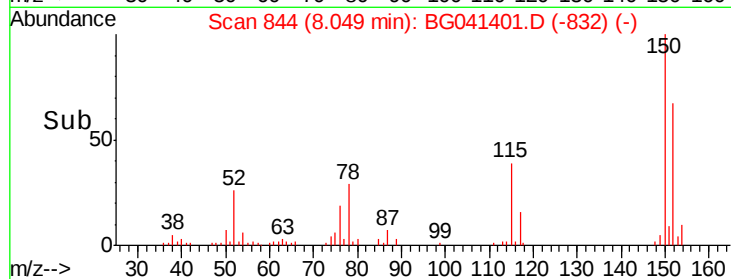
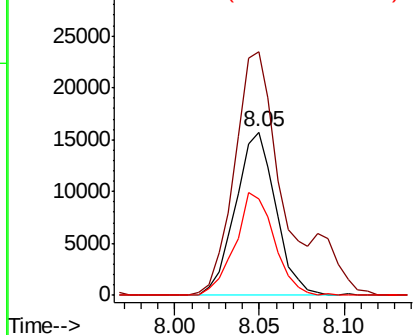
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.03 min
Lab File: BG041401.D
Acq: 22 Jun 2019 13:48

Instrument :
BNA_G
ClientSampleId :
PB120652BS

Tot Ion:152 Resp: 26083
Ion Ratio Lower Upper
152 100
150 148.9 120.6 181.0
115 58.7 47.9 71.9



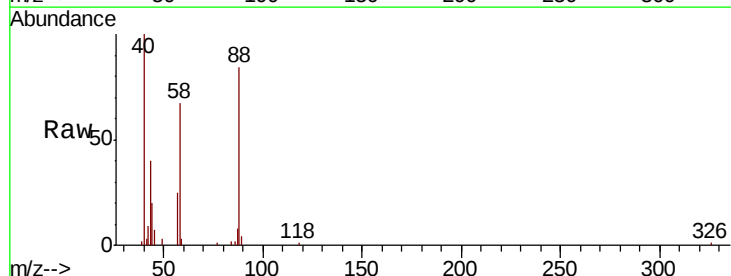
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



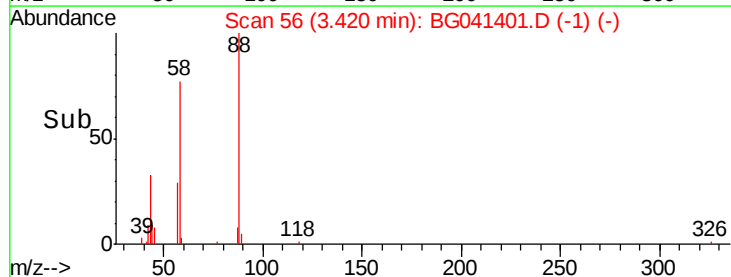
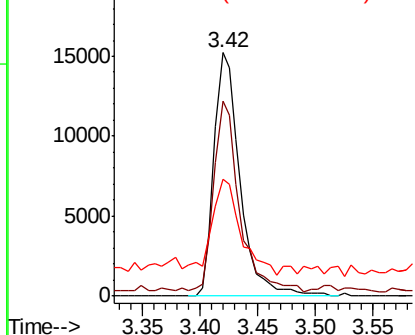
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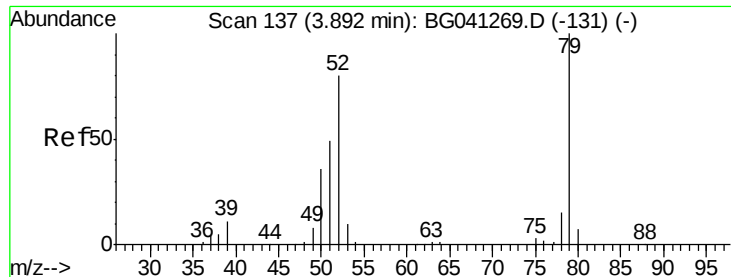
1,4-Dioxane
Concen: 33.570 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.05 min
Lab File: BG041401.D
Acq: 22 Jun 2019 13:48

Tgt Ion: 88 Resp: 23896
Ion Ratio Lower Upper
88 100
58 76.6 59.7 89.5
43 43.2 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

Pvridine

Concen: 32.955 ng

RT: 3.84 min Scan# 127

Delta R.T. -0.05 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

Instrument :

BNA_G

ClientSampleId :

PB120652BS

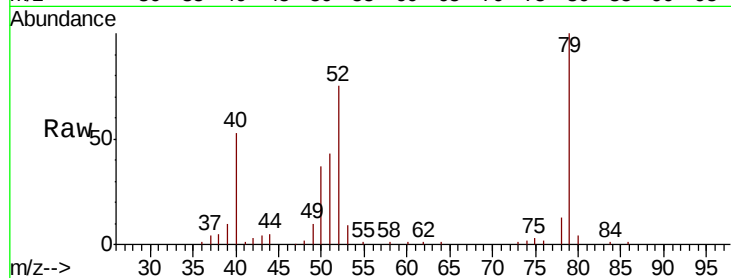
Tot Ion: 79 Resp: 62232

Ion Ratio Lower Upper

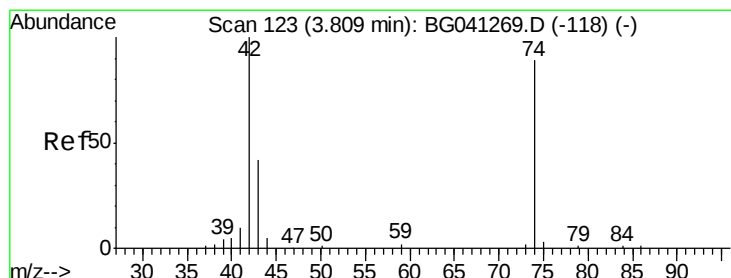
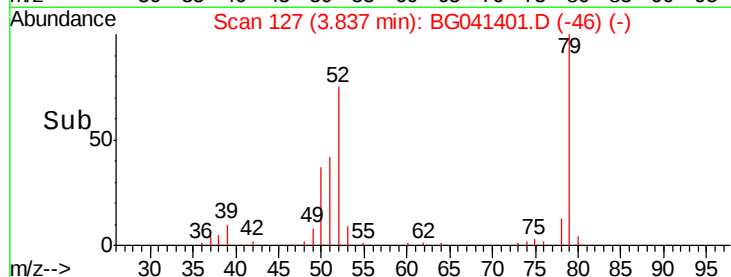
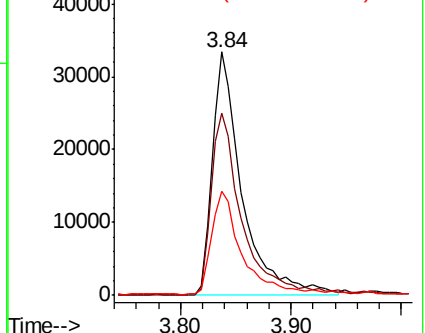
79 100

52 75.0 63.6 95.4

51 42.8 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: 41.709 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.05 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

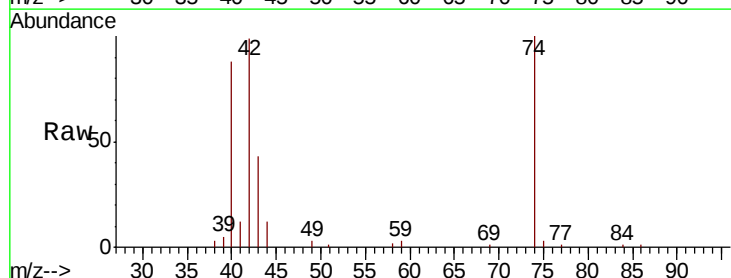
Tgt Ion: 42 Resp: 42002

Ion Ratio Lower Upper

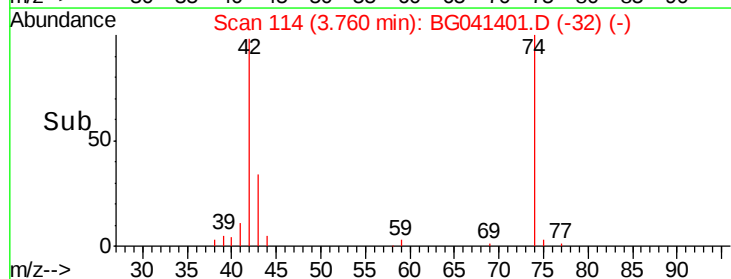
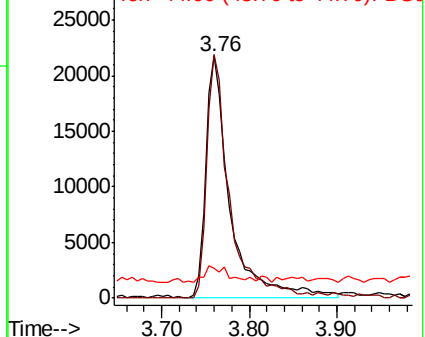
42 100

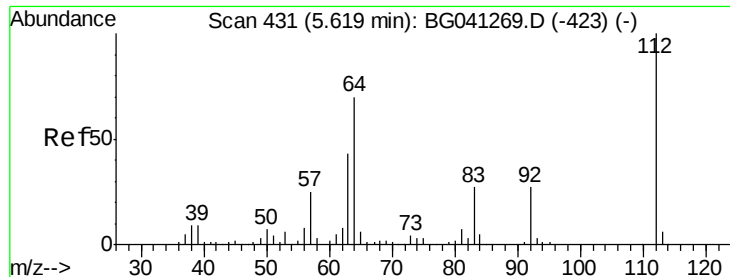
74 100.7 71.6 107.4

44 12.2 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: 141.003 ng

RT: 5.59 min Scan# 425

Delta R.T. -0.03 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

Instrument :

BNA_G

ClientSampleId :

PB120652BS

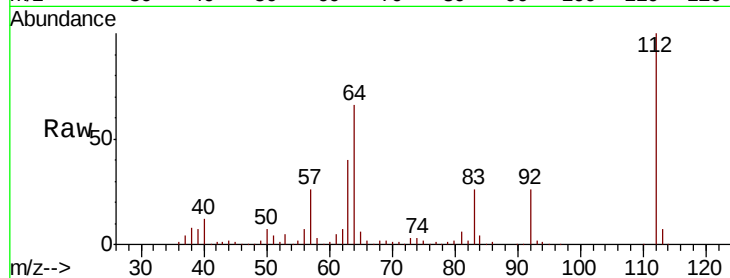
Tot Ion:112 Resp: 200160

Ion Ratio Lower Upper

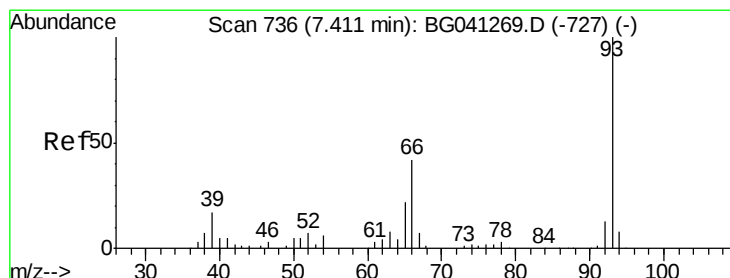
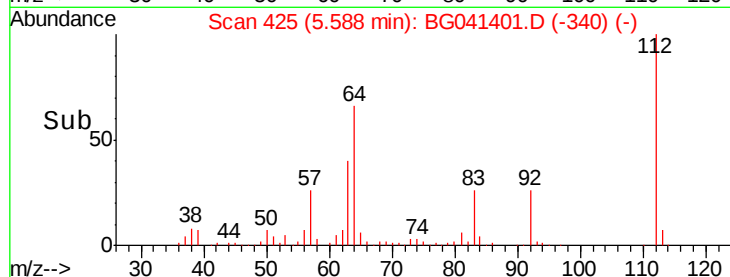
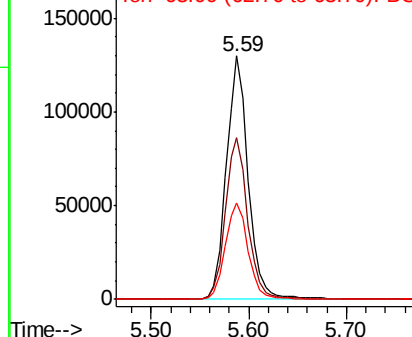
112 100

64 66.2 55.9 83.9

63 39.6 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: 26.023 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.04 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

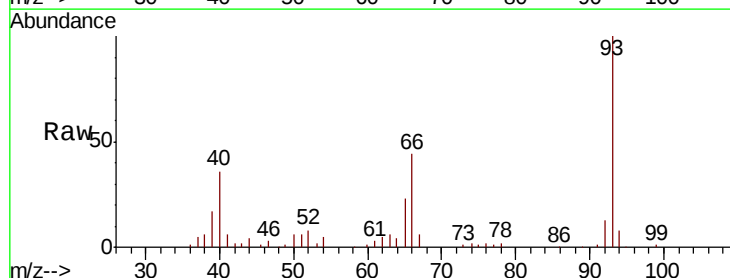
Tgt Ion: 93 Resp: 74429

Ion Ratio Lower Upper

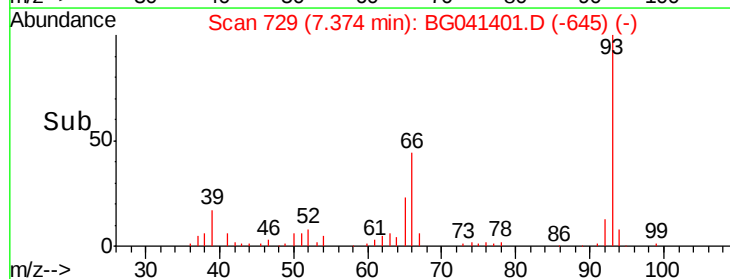
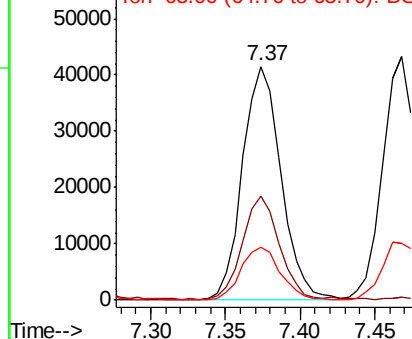
93 100

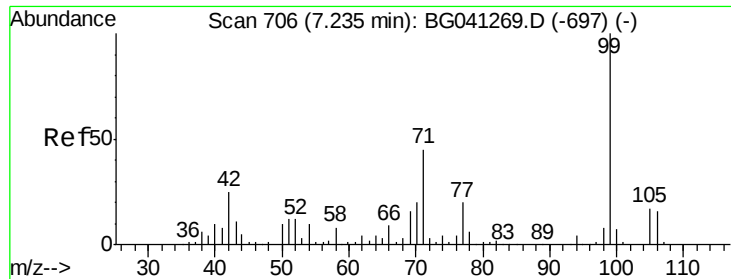
66 44.5 34.2 51.2

65 22.7 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: 134.937 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.03 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

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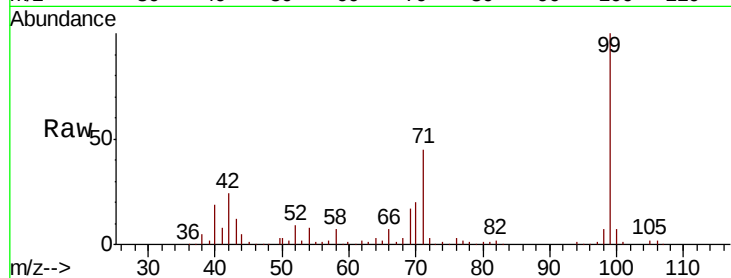
Tot Ion: 99 Resp: 277654

Ion Ratio Lower Upper

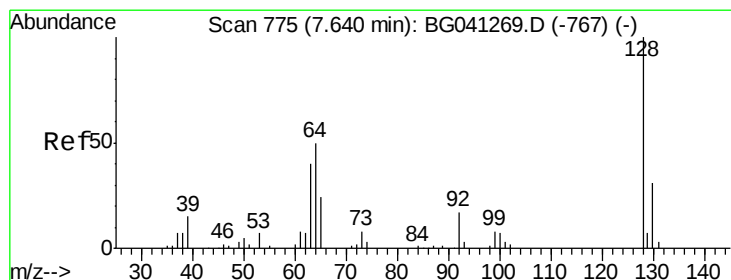
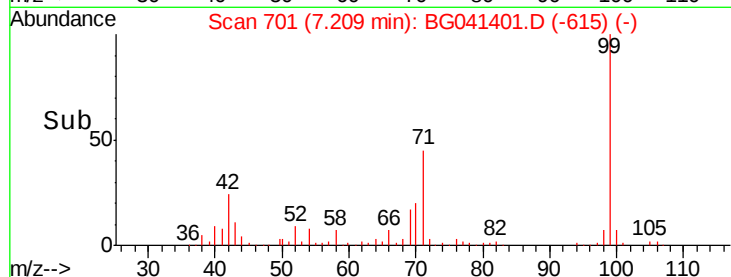
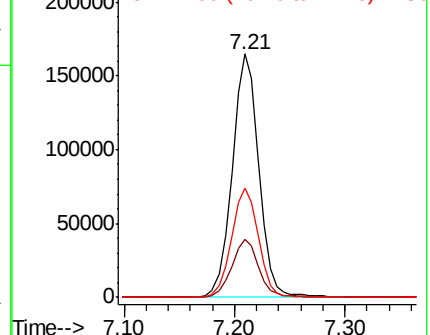
99 100

42 23.8 19.9 29.9

71 44.8 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: 44.450 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.03 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

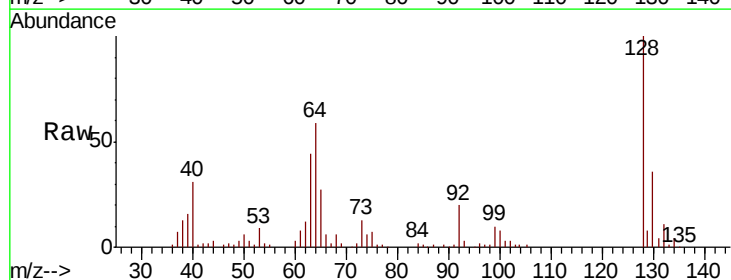
Tgt Ion: 128 Resp: 74141

Ion Ratio Lower Upper

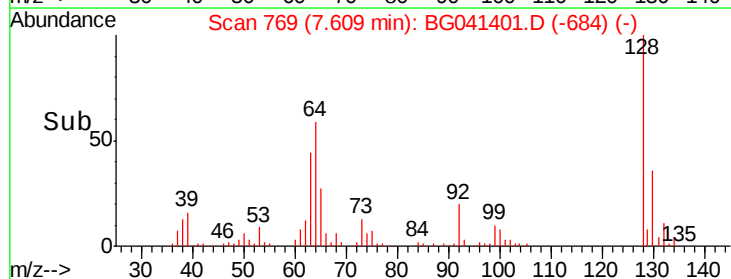
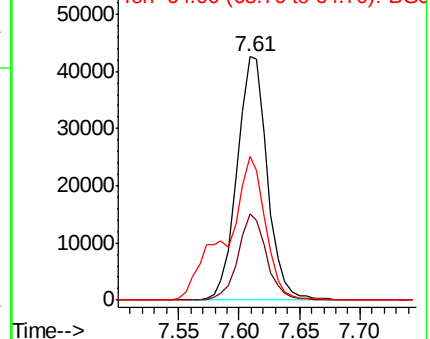
128 100

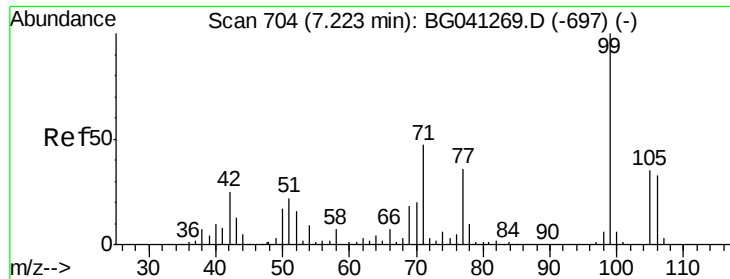
130 35.6 11.1 51.1

64 59.1 36.6 76.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 15.194 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.03 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

Instrument :

BNA_G

ClientSampleId :

PB120652BS

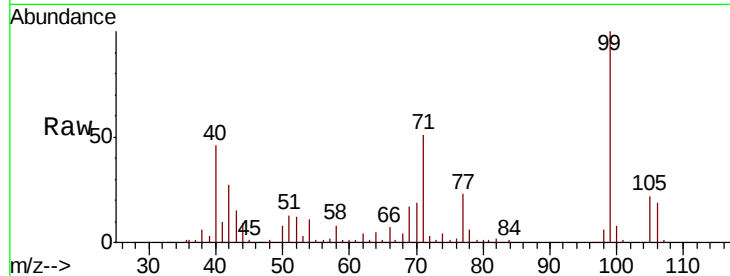
Tot Ion: 77 Resp: 19996

Ion Ratio Lower Upper

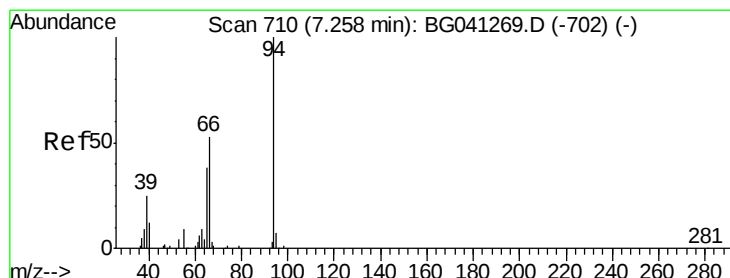
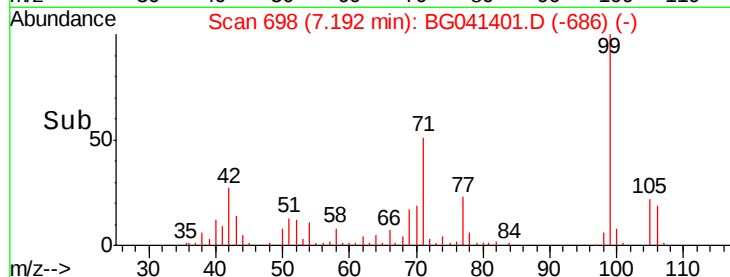
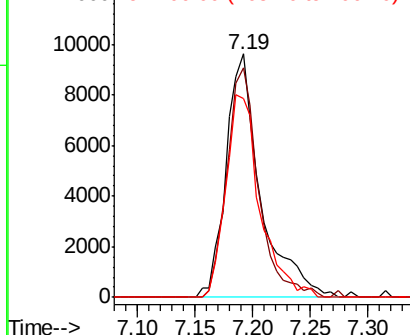
77 100

105 94.4 78.7 118.7

106 81.4 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: 43.225 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.02 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

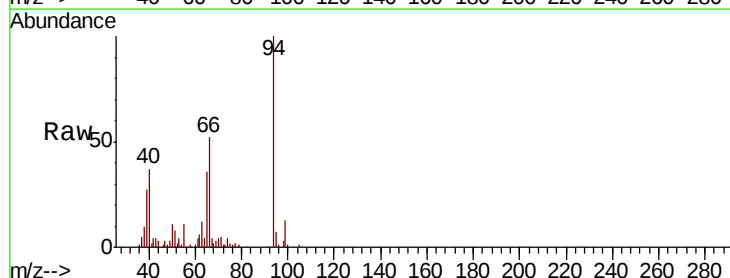
Tgt Ion: 94 Resp: 95645

Ion Ratio Lower Upper

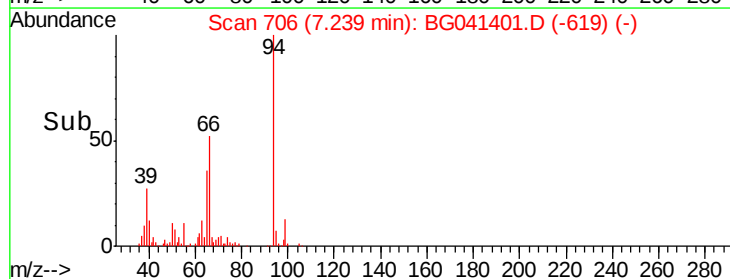
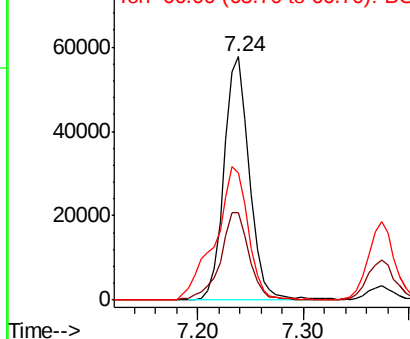
94 100

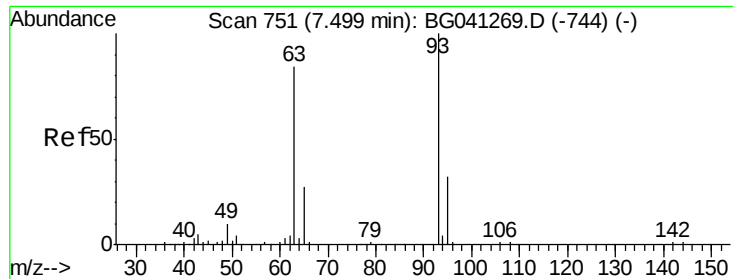
65 35.9 18.7 58.7

66 52.3 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

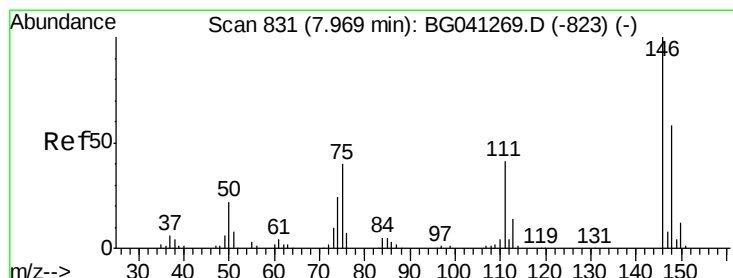
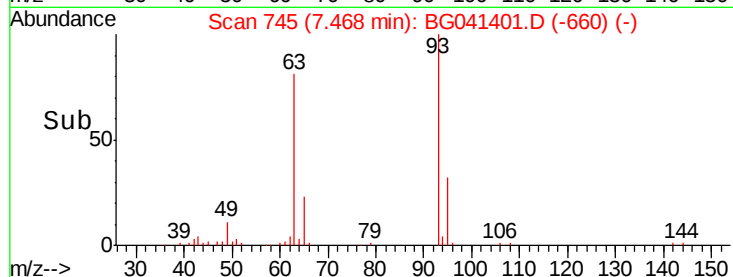
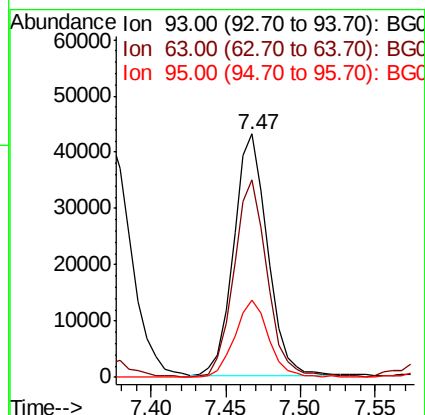
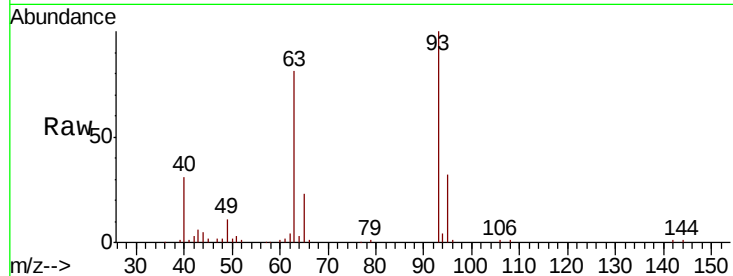




#11
bis(2-Chloroethyl)ether
Concen: 40.366 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.03 min
Lab File: BG041401.D
Acq: 22 Jun 2019 13:48

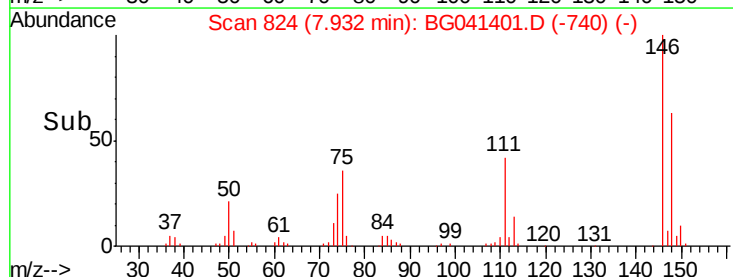
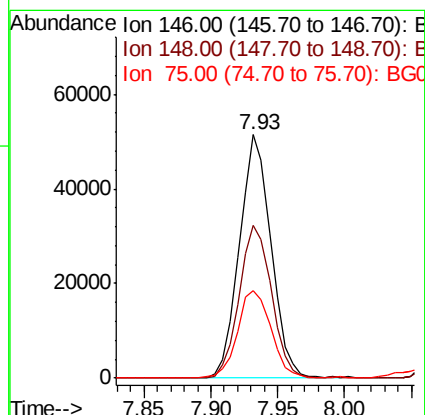
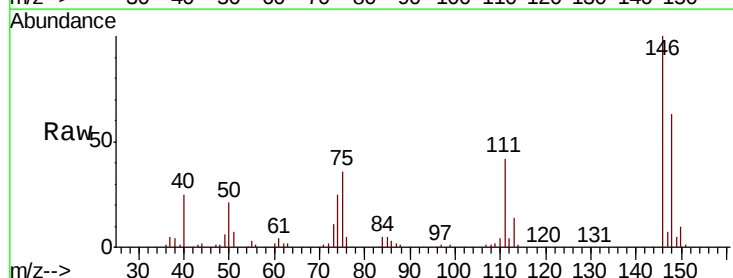
Instrument :
BNA_G
ClientSampleId :
PB120652BS

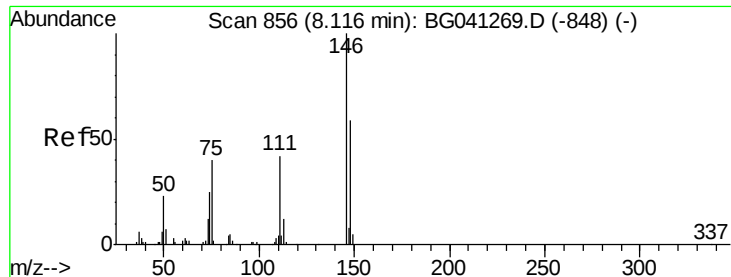
Tot Ion: 93 Resp: 67770
Ion Ratio Lower Upper
93 100
63 81.1 63.6 103.6
95 31.6 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 40.378 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG041401.D
Acq: 22 Jun 2019 13:48

Tgt Ion: 146 Resp: 84328
Ion Ratio Lower Upper
146 100
148 62.6 46.5 69.7
75 35.8 32.2 48.4

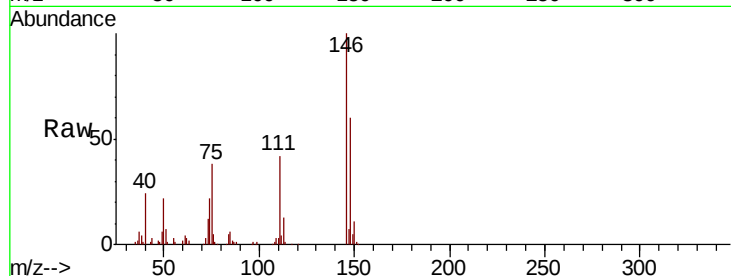




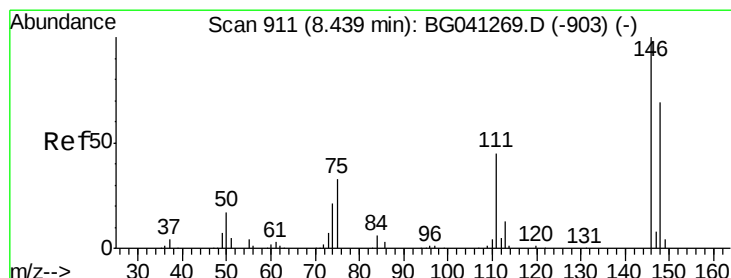
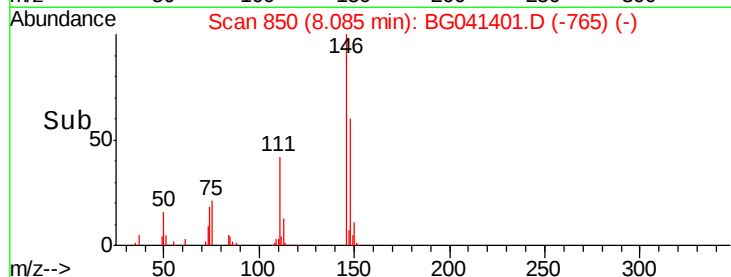
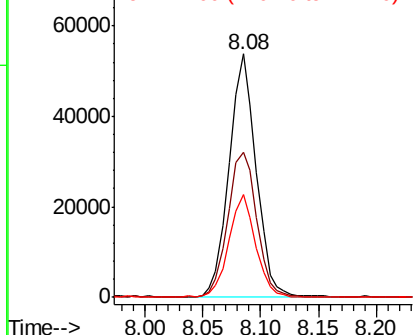
#13
1,4-Dichlorobenzene
Concen: 40.896 ng
RT: 8.08 min Scan# 850
Delta R.T. -0.03 min
Lab File: BG041401.D
Acq: 22 Jun 2019 13:48

Instrument :
BNA_G
ClientSampleId :
PB120652BS

Tot Ion:146 Resp: 87245
Ion Ratio Lower Upper
146 100
148 59.5 47.3 70.9
111 42.4 33.4 50.0

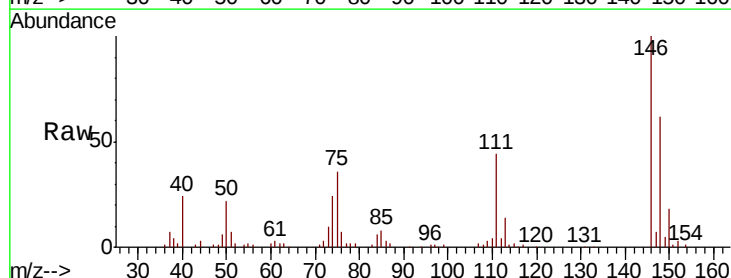


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

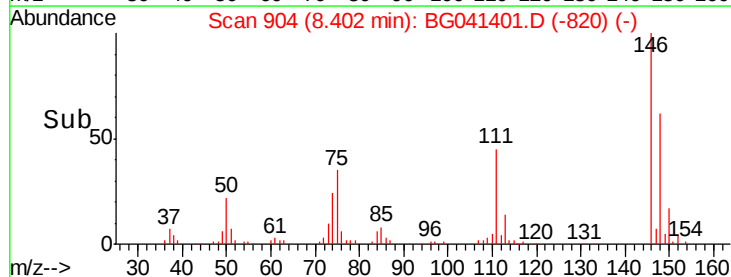
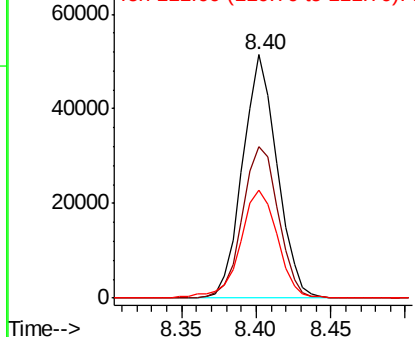


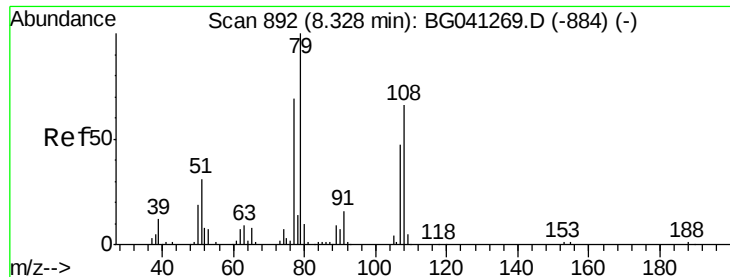
#14
1,2-Dichlorobenzene
Concen: 40.370 ng
RT: 8.40 min Scan# 904
Delta R.T. -0.04 min
Lab File: BG041401.D
Acq: 22 Jun 2019 13:48

Tgt Ion:146 Resp: 82260
Ion Ratio Lower Upper
146 100
148 62.3 54.9 82.3
111 44.4 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: 38.321 ng

RT: 8.30 min Scan# 886

Delta R.T. -0.03 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

Instrument :

BNA_G

ClientSampleId :

PB120652BS

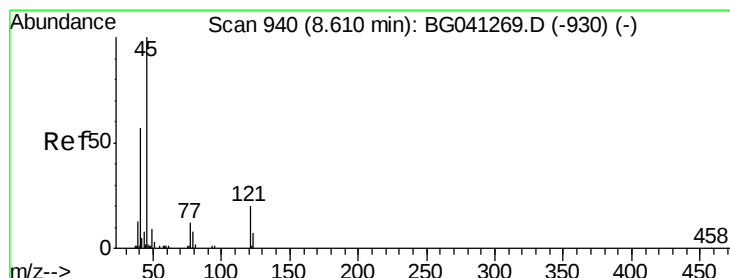
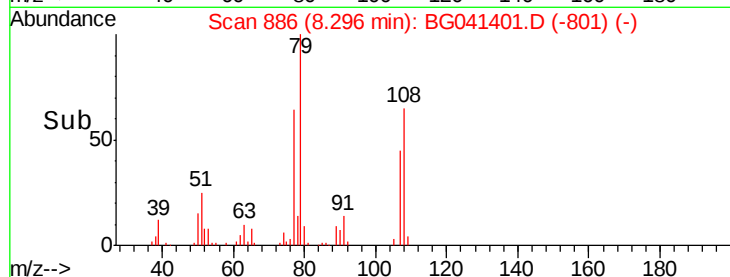
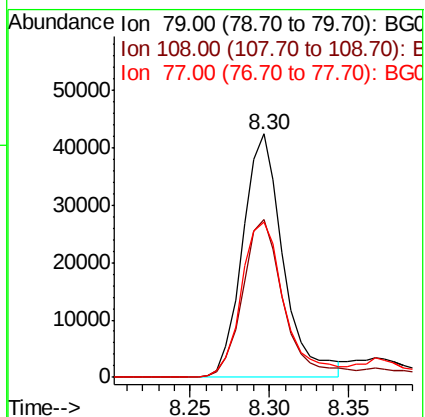
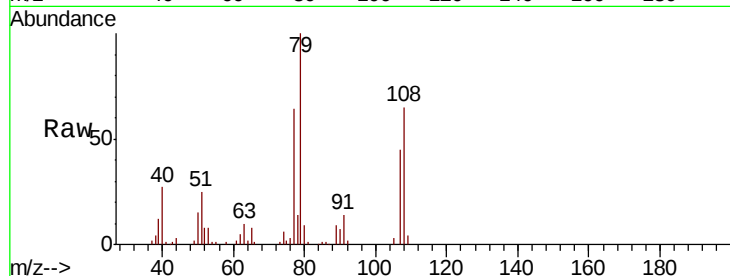
Tot Ion: 79 Resp: 75548

Ion Ratio Lower Upper

79 100

108 64.8 52.7 79.1

77 63.7 55.2 82.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.705 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.04 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

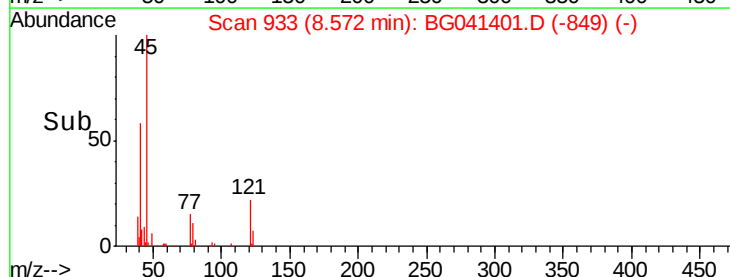
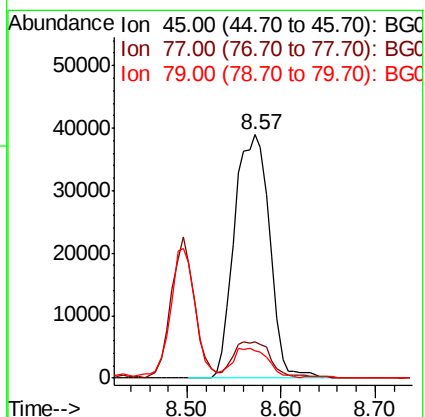
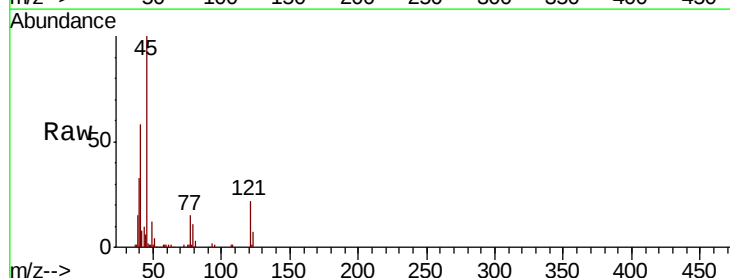
Tgt Ion: 45 Resp: 100879

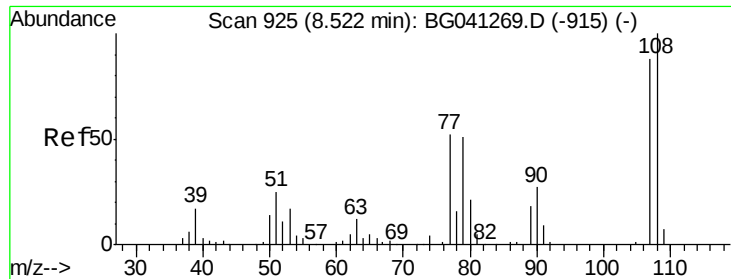
Ion Ratio Lower Upper

45 100

77 15.1 0.0 35.2

79 11.4 0.0 31.6

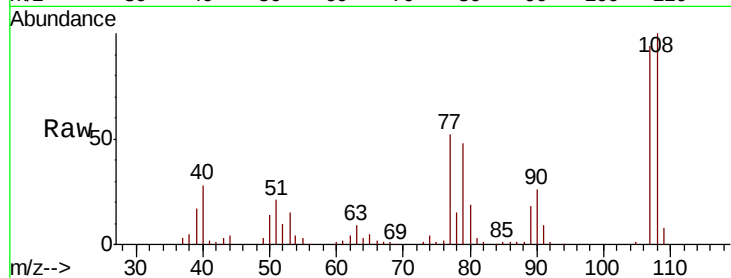




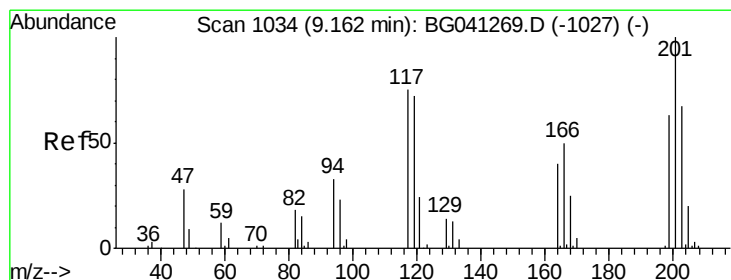
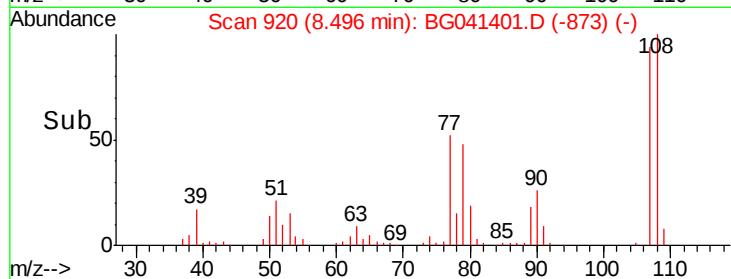
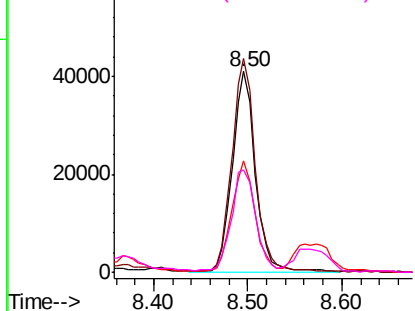
#17
2-Methylphenol
Concen: 44.189 ng
RT: 8.50 min Scan# 920
Delta R.T. -0.03 min
Lab File: BG041401.D
Acq: 22 Jun 2019 13:48

Instrument :
BNA_G
ClientSampleId :
PB120652BS

Tot Ion:107 Resp: 69904
Ion Ratio Lower Upper
107 100
108 106.4 91.7 137.5
77 55.3 47.8 71.8
79 50.8 46.8 70.2

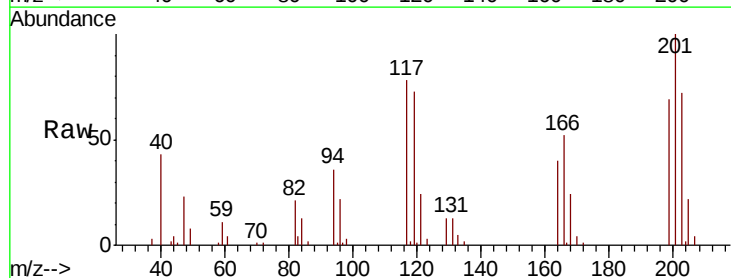


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

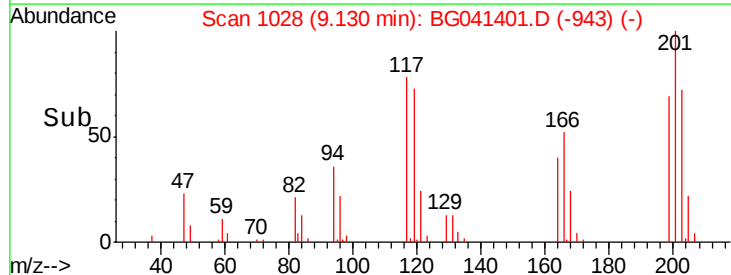
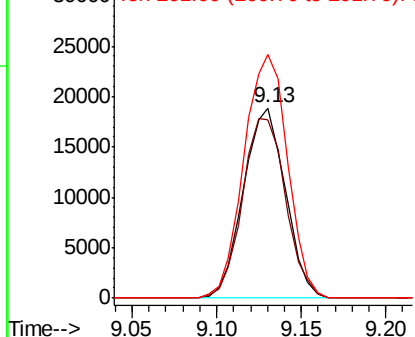


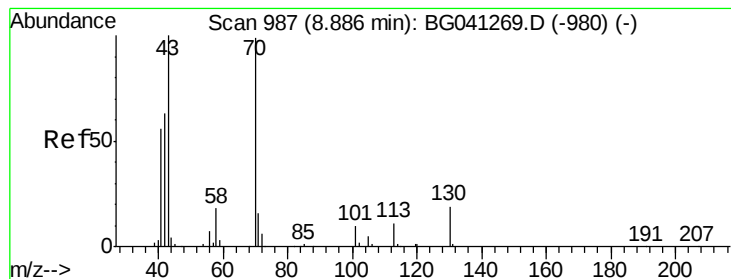
#18
Hexachloroethane
Concen: 38.566 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.03 min
Lab File: BG041401.D
Acq: 22 Jun 2019 13:48

Tgt Ion:117 Resp: 32603
Ion Ratio Lower Upper
117 100
119 93.3 76.8 115.2
201 127.8 106.3 159.5



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: 37.749 ng

RT: 8.85 min Scan# 981

Delta R.T. -0.03 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

Instrument :

BNA_G

ClientSampleId :

PB120652BS

Tot Ion: 70 Resp: 62823

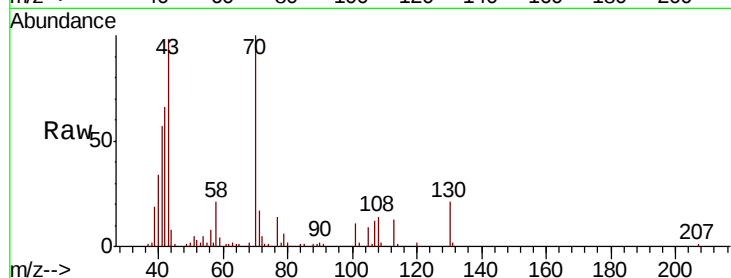
Ion Ratio Lower Upper

70 100

42 65.8 51.4 77.2

101 11.4 8.2 12.2

130 20.7 15.2 22.8



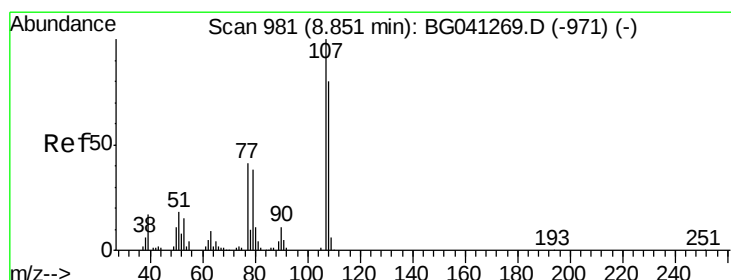
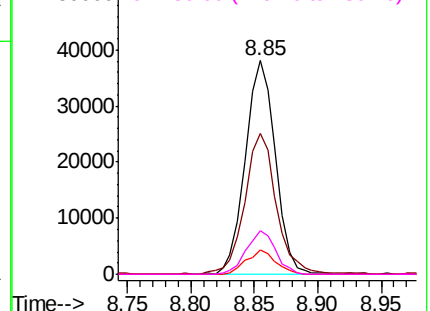
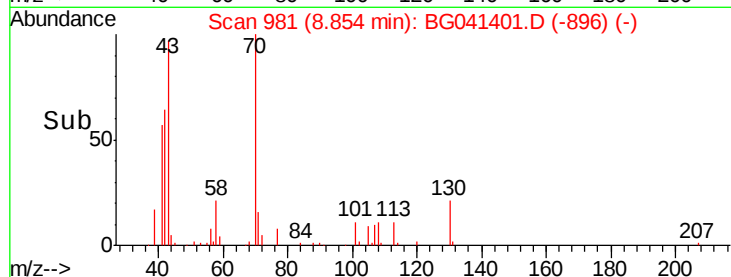
Abundance

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: 44.615 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.03 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

Tgt Ion: 107 Resp: 93954

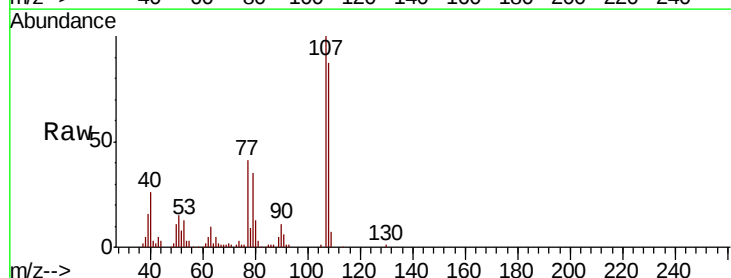
Ion Ratio Lower Upper

107 100

108 86.8 60.4 100.4

77 40.8 21.2 61.2

79 34.8 17.7 57.7



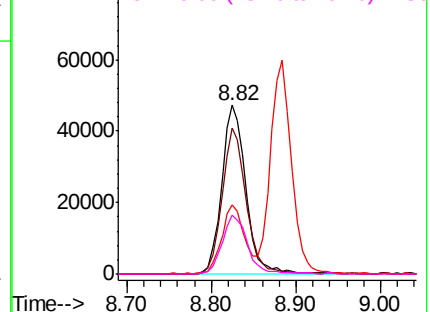
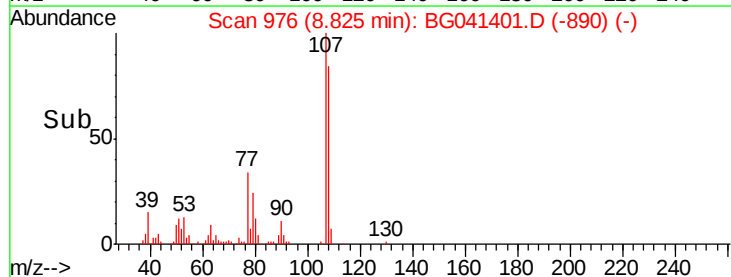
Abundance

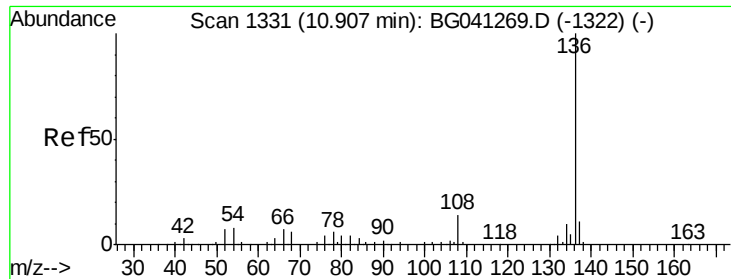
Ion 107.00 (106.70 to 107.70): BGC

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

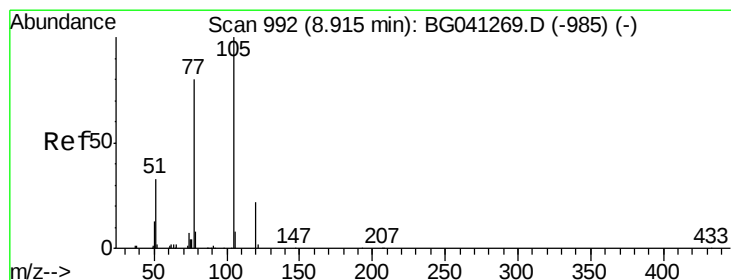
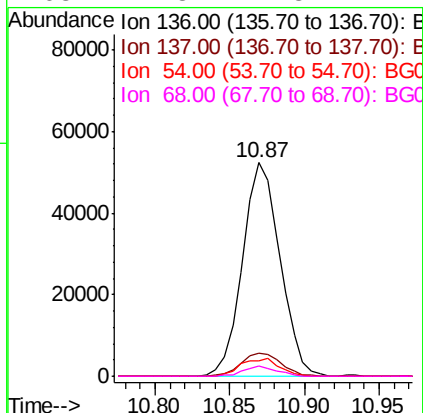
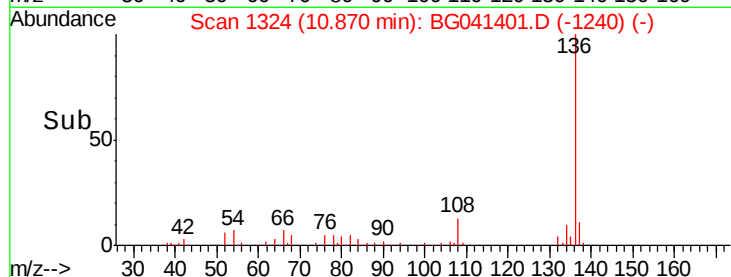
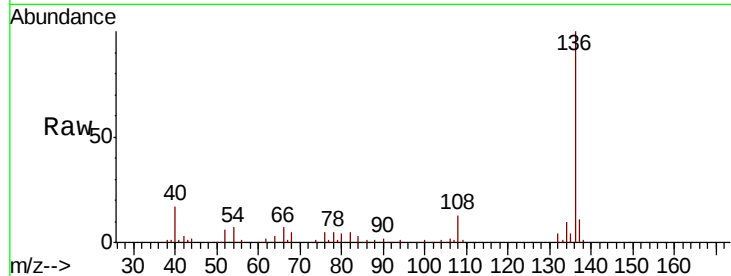




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.04 min
Lab File: BG041401.D
Acq: 22 Jun 2019 13:48

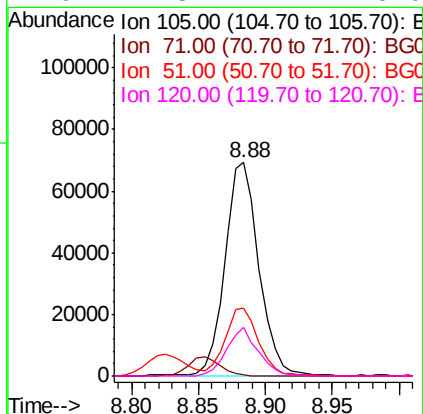
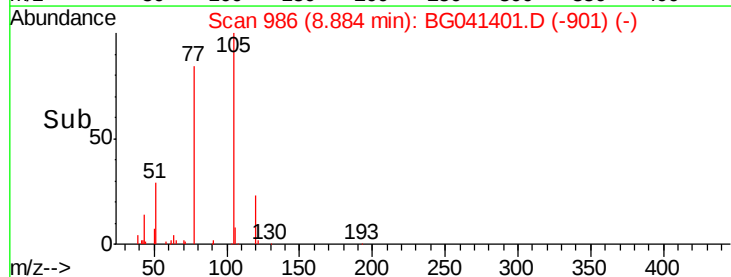
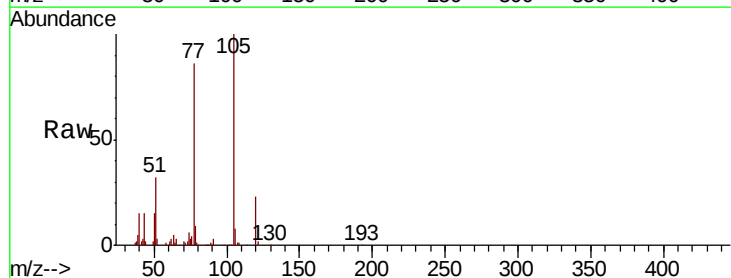
Instrument :
BNA_G
ClientSampleId :
PB120652BS

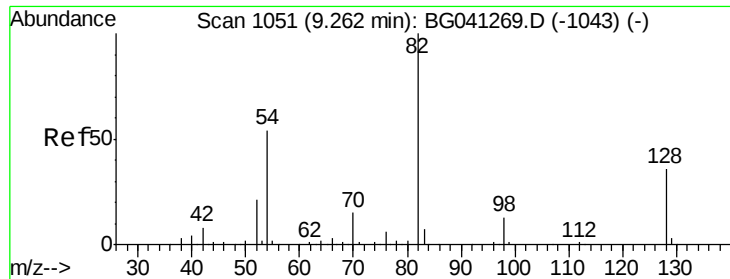
Tot Ion:136	Resp:	90695
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.8 13.2
54	7.2	6.4 9.6
68	4.8	4.8 7.2#



#22
Acetophenone
Concen: 46.590 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.03 min
Lab File: BG041401.D
Acq: 22 Jun 2019 13:48

Tgt Ion:105	Resp:	122961
Ion Ratio	Lower	Upper
105	100	
71	0.6	0.4 0.6
51	31.7	28.2 42.4
120	22.8	17.4 26.0

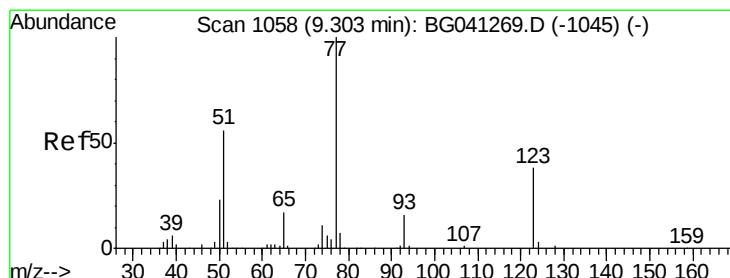
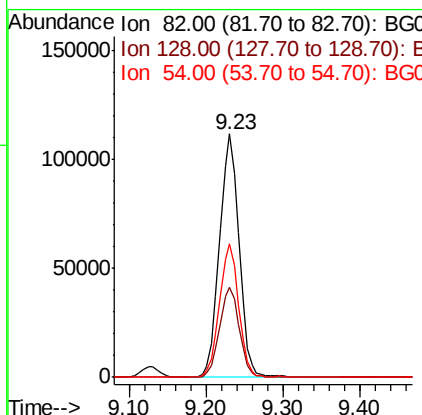
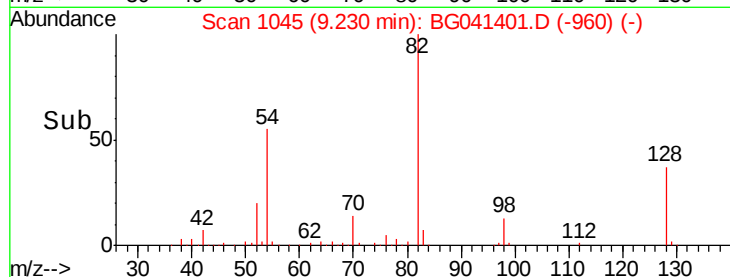
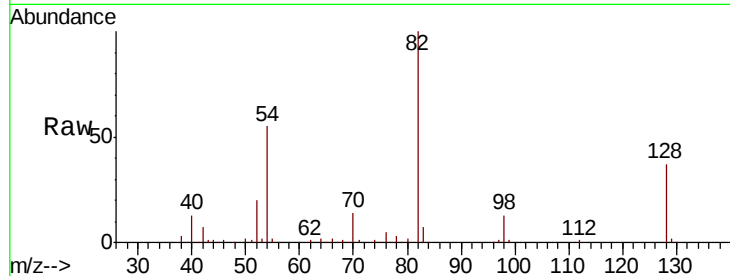




#23
Nitrobenzene-d5
Concen: 91.446 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.03 min
Lab File: BG041401.D
Acq: 22 Jun 2019 13:48

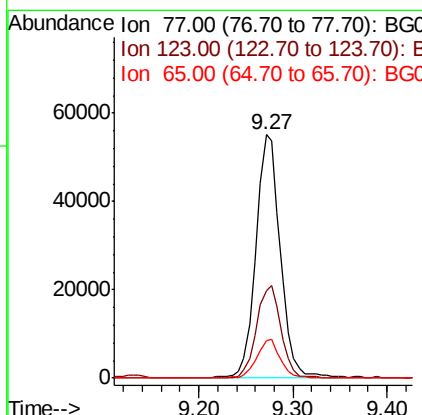
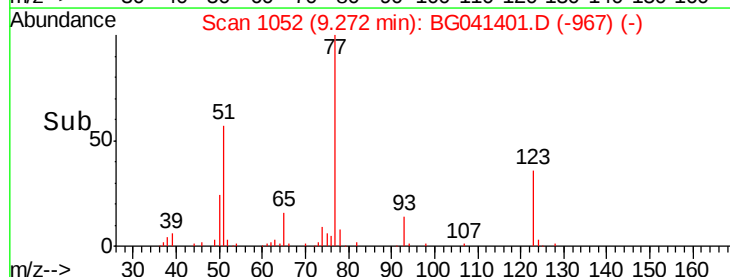
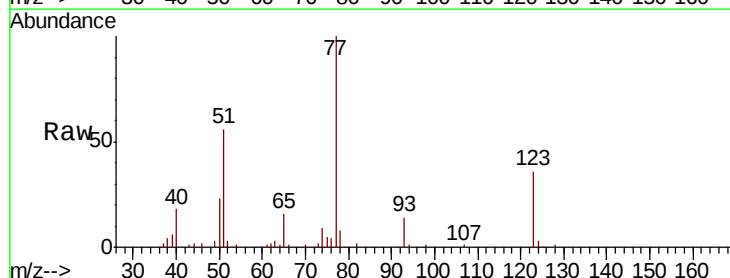
Instrument :
BNA_G
ClientSampleId :
PB120652BS

Tot Ion	82	Resp	197205
Ion Ratio	100	Lower	Upper
128	37.1	29.2	43.8
54	55.0	43.4	65.0



#24
Nitrobenzene
Concen: 45.631 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.03 min
Lab File: BG041401.D
Acq: 22 Jun 2019 13:48

Tgt Ion	77	Resp	98968
Ion Ratio	100	Lower	Upper
123	36.0	30.4	45.6
65	15.7	13.3	19.9





#25

Isophorone

Concen: 45.025 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.03 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

Instrument :

BNA_G

ClientSampleId :

PB120652BS

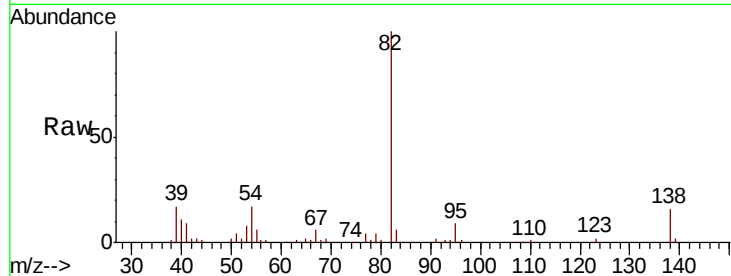
Tot Ion: 82 Resp: 178137

Ion Ratio Lower Upper

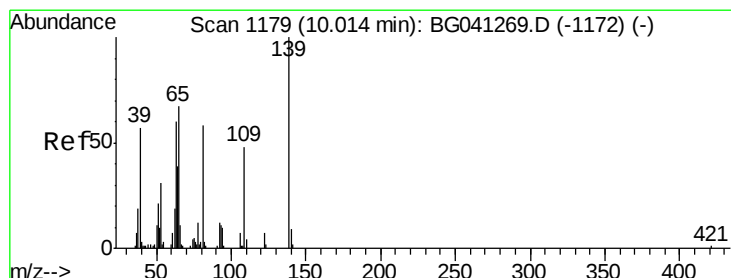
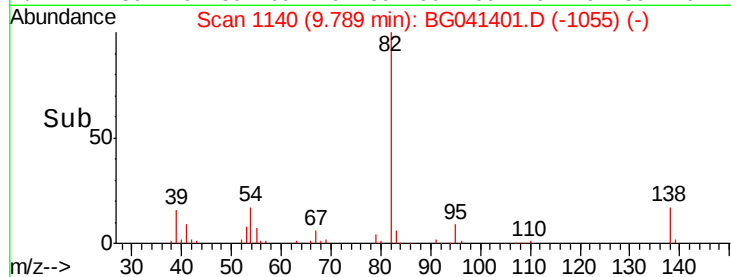
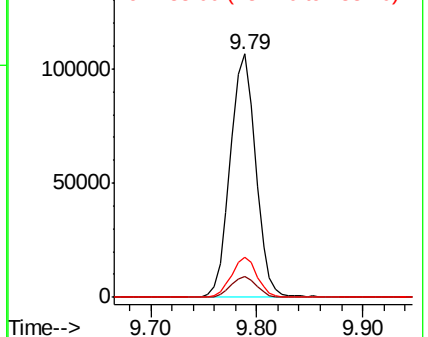
82 100

95 8.6 6.6 10.0

138 16.5 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: 49.939 ng

RT: 9.98 min Scan# 1173

Delta R.T. -0.03 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

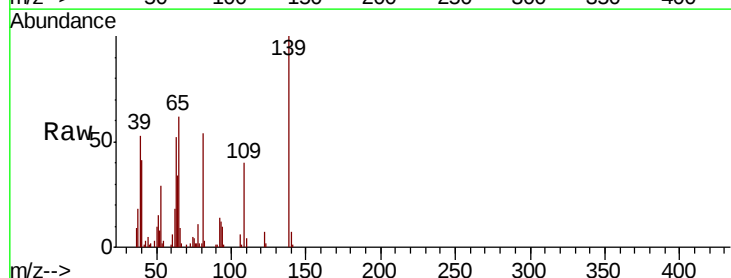
Tgt Ion: 139 Resp: 43911

Ion Ratio Lower Upper

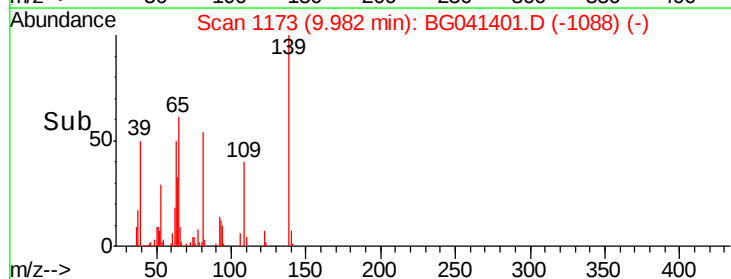
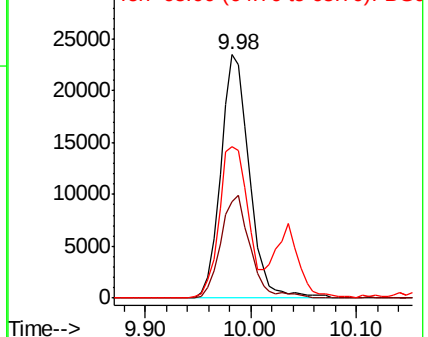
139 100

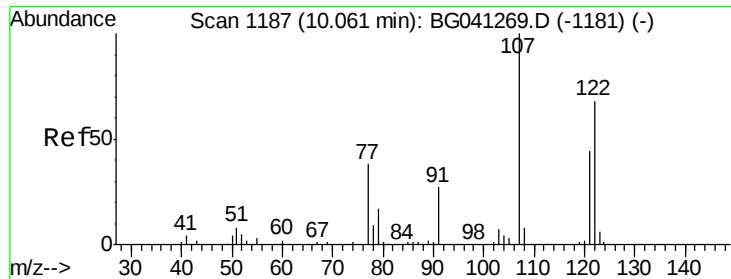
109 39.8 38.4 57.6

65 62.2 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: 52.367 ng

RT: 10.04 min Scan# 1182

Delta R.T. -0.03 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

Instrument :

BNA_G

ClientSampleId :

PB120652BS

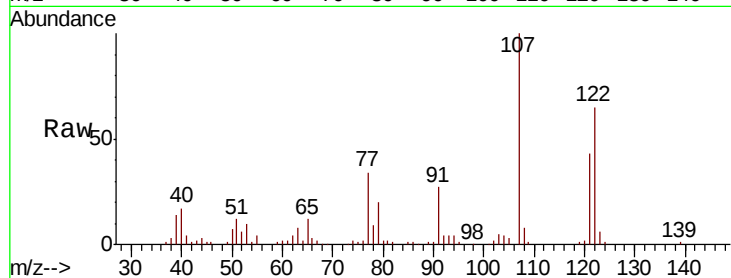
Tot Ion:122 Resp: 69021

Ion Ratio Lower Upper

122 100

107 153.0 115.1 172.7

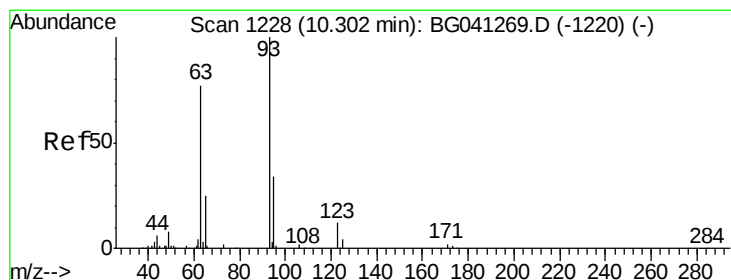
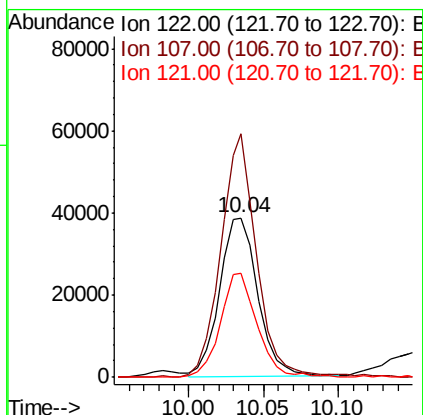
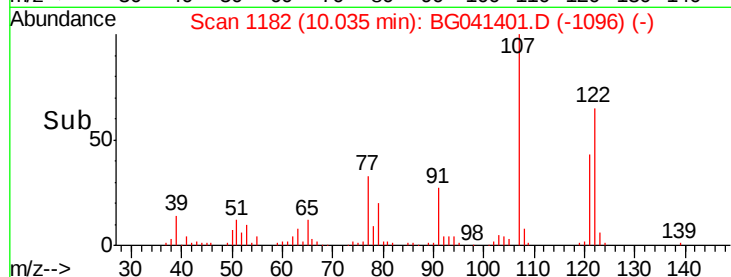
121 65.6 50.1 75.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.979 ng

RT: 10.27 min Scan# 1222

Delta R.T. -0.03 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

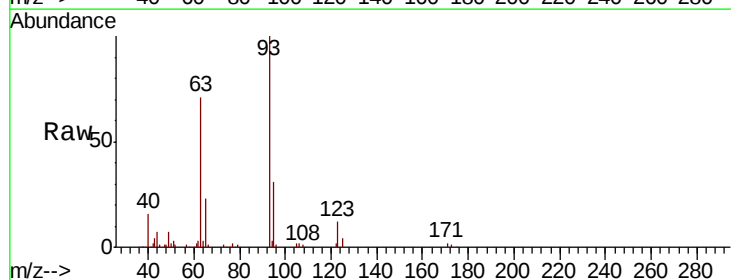
Tgt Ion: 93 Resp: 92723

Ion Ratio Lower Upper

93 100

95 31.3 27.3 40.9

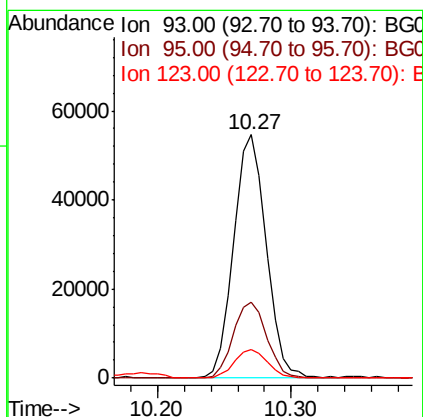
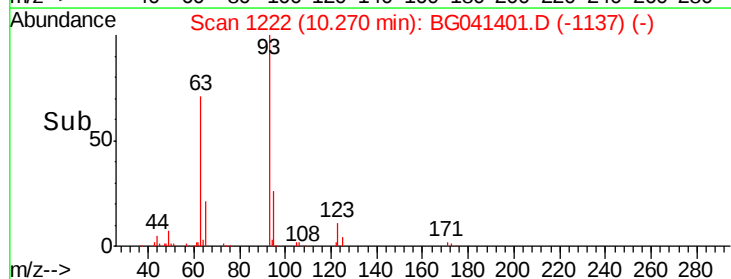
123 11.7 9.6 14.4

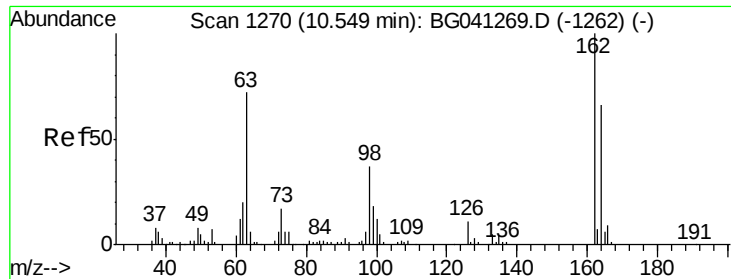


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

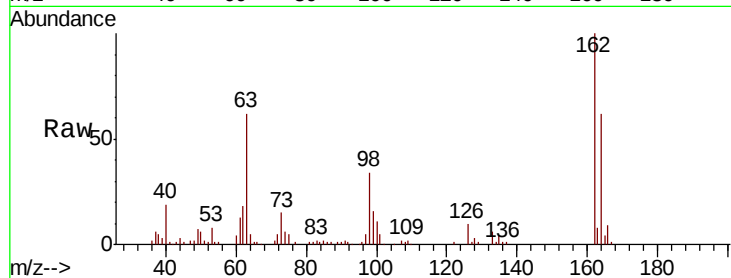




#29
 2,4-Dichlorophenol
 Concen: 50.837 ng
 RT: 10.52 min Scan# 1264
 Delta R.T. -0.03 min
 Lab File: BG041401.D
 Acq: 22 Jun 2019 13:48

Instrument :
 BNA_G
 ClientSampleId :
 PB120652BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	46.0	86.0
98	34.2	17.4	57.4

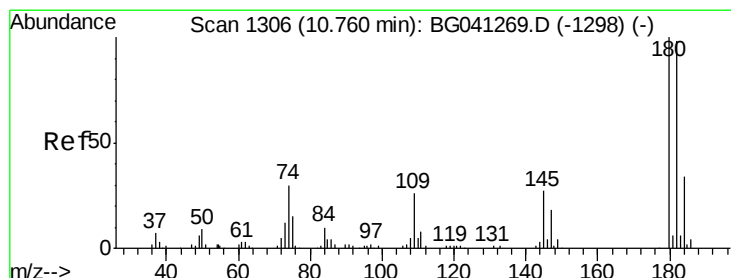
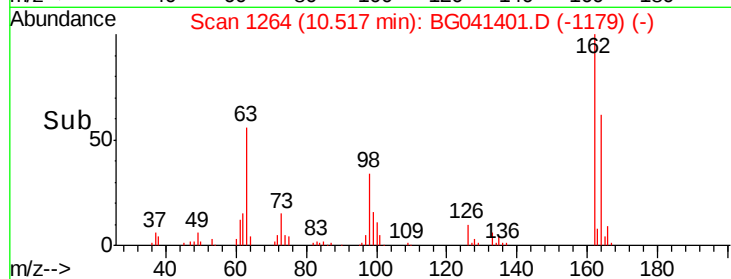
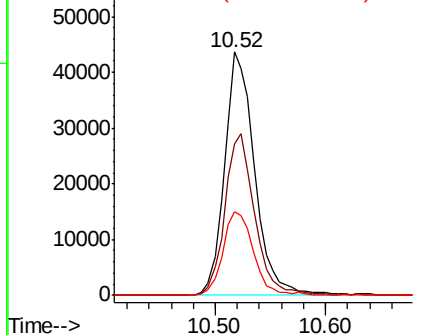


Abundance

Ion 162.00 (161.70 to 162.70): E

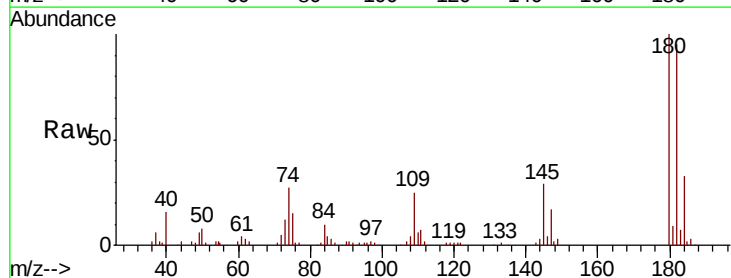
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 45.682 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.03 min
 Lab File: BG041401.D
 Acq: 22 Jun 2019 13:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	78.6	117.8
145	28.7	21.7	32.5

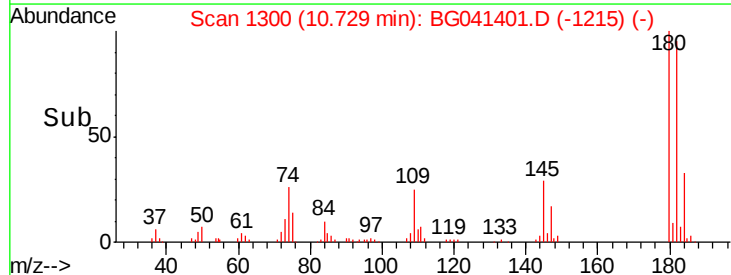
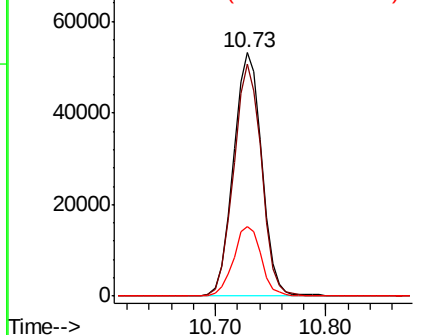


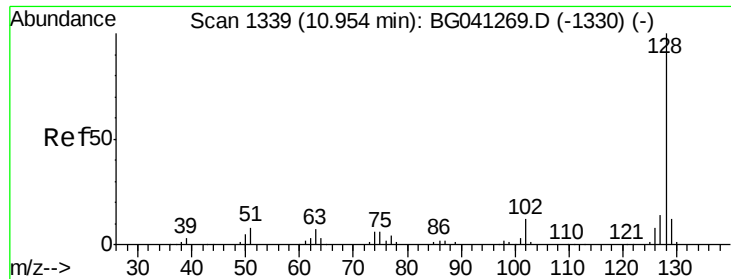
Abundance

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

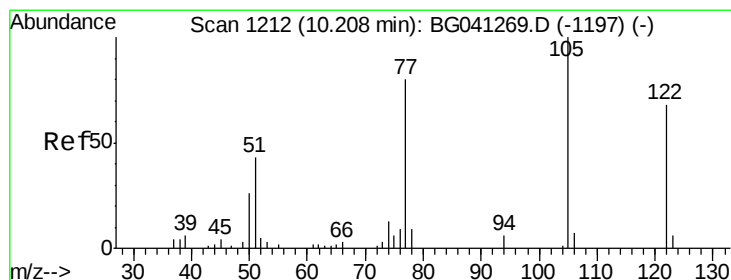
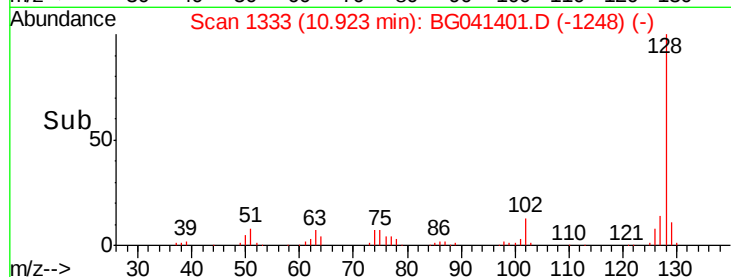
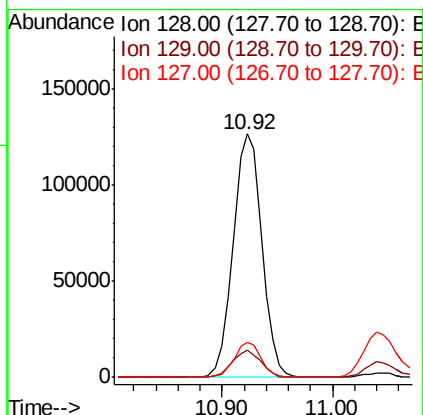
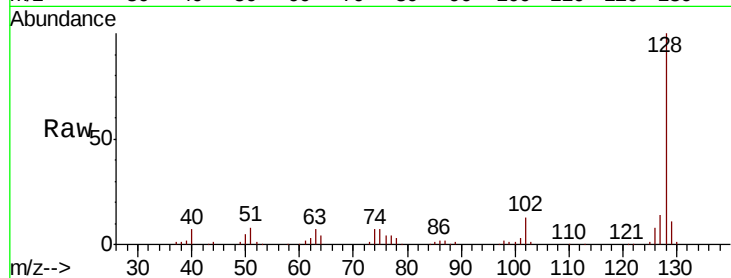




#31
Naphthalene
Concen: 46.741 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.03 min
Lab File: BG041401.D
Acq: 22 Jun 2019 13:48

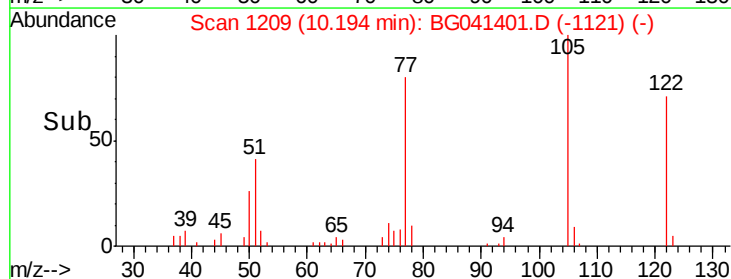
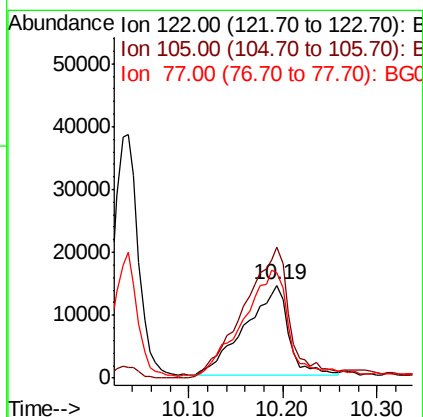
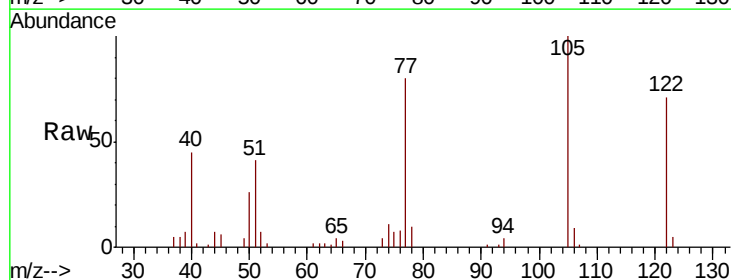
Instrument :
BNA_G
ClientSampleId :
PB120652BS

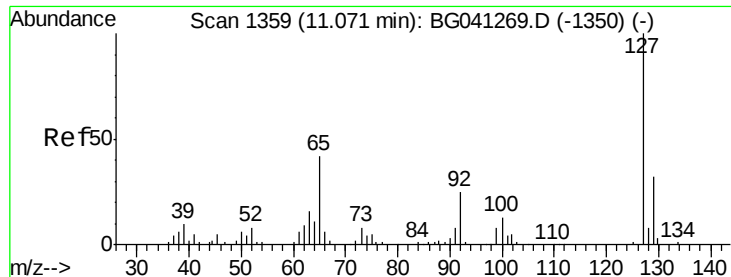
Tot Ion:128 Resp: 230395
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.0
127 14.5 11.2 16.8



#32
Benzoic acid
Concen: 54.282 ng
RT: 10.19 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BG041401.D
Acq: 22 Jun 2019 13:48

Tgt Ion:122 Resp: 46574
Ion Ratio Lower Upper
122 100
105 141.1 124.2 164.2
77 113.1 97.2 137.2

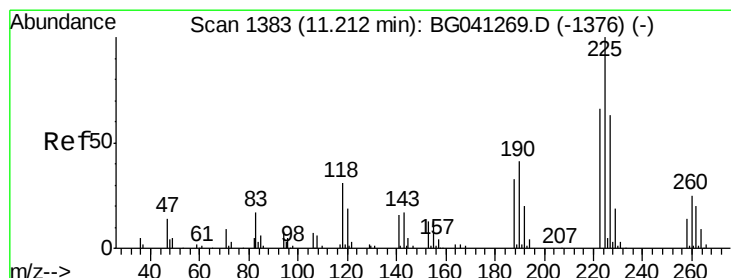
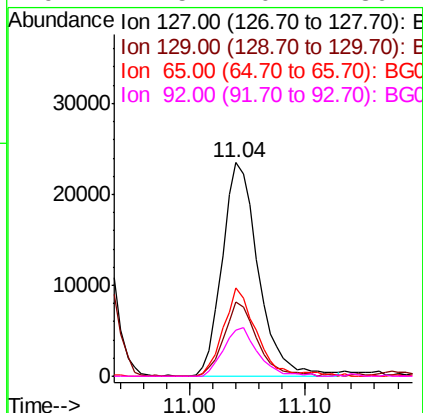
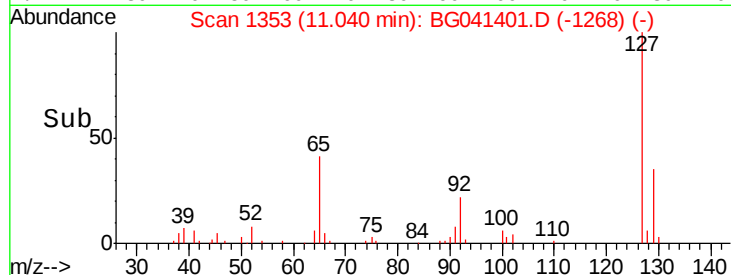
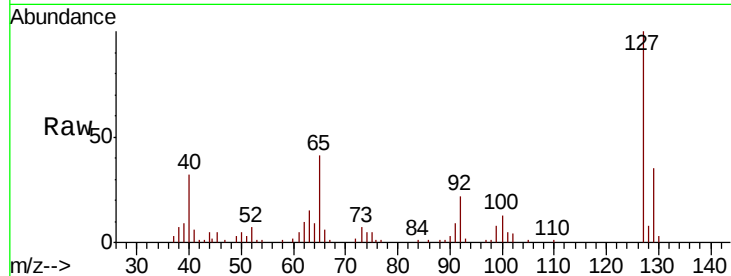




#33
4-Chloroaniline
Concen: 24.372 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.03 min
Lab File: BG041401.D
Acq: 22 Jun 2019 13:48

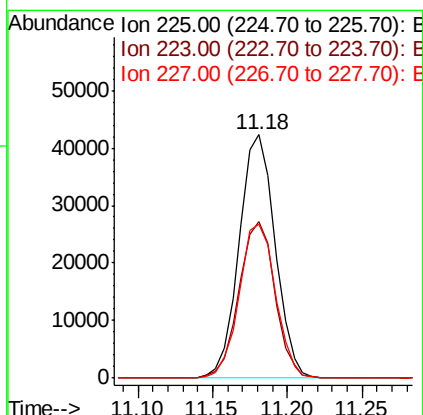
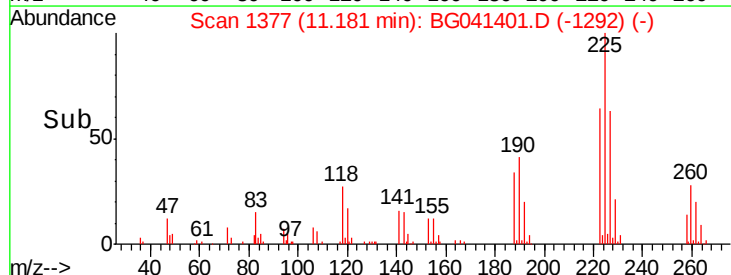
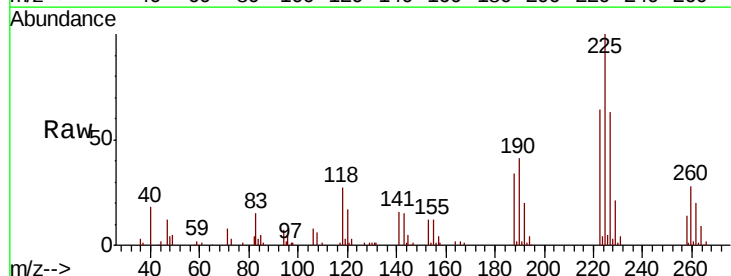
Instrument :
BNA_G
ClientSampleId :
PB120652BS

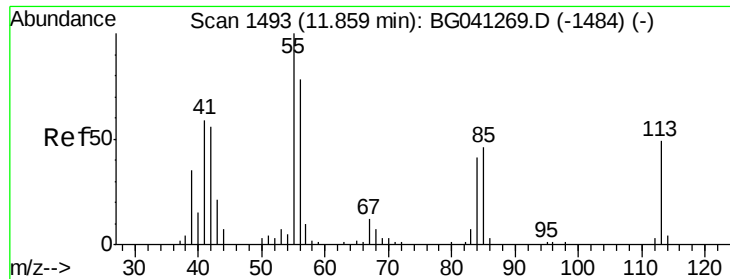
Tot Ion:127 Resp: 51021
Ion Ratio Lower Upper
127 100
129 34.7 25.8 38.8
65 41.4 33.8 50.8
92 21.5 20.2 30.4



#34
Hexachlorobutadiene
Concen: 42.442 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.03 min
Lab File: BG041401.D
Acq: 22 Jun 2019 13:48

Tgt Ion:225 Resp: 70512
Ion Ratio Lower Upper
225 100
223 64.3 52.5 78.7
227 63.4 50.2 75.2





#35

Caprolactam

Concen: 26.368 ng

RT: 11.83 min Scan# 1487

Delta R.T. -0.03 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

Instrument :

BNA_G

ClientSampleId :

PB120652BS

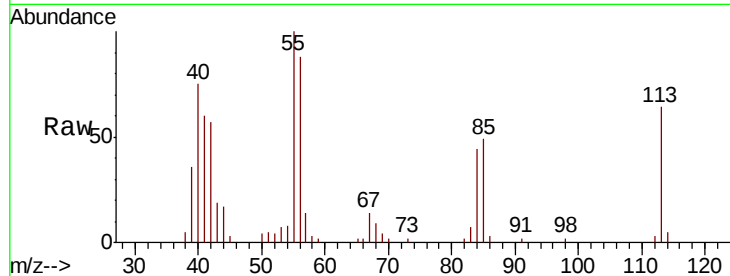
Tot Ion:113 Resp: 14835

Ion Ratio Lower Upper

113 100

55 156.9 182.6 222.6#

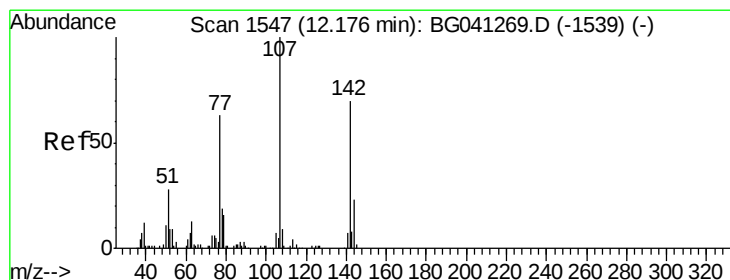
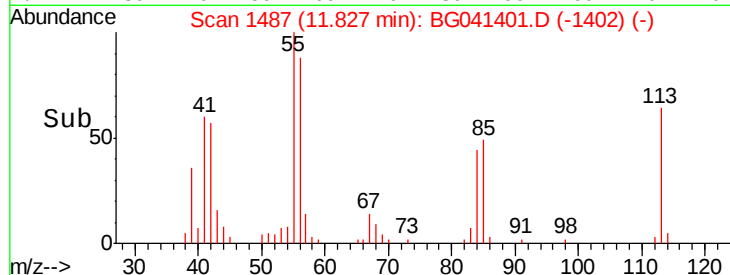
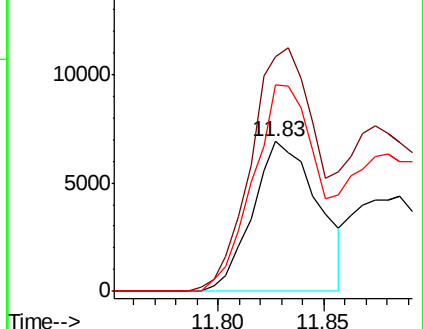
56 137.7 137.5 177.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG041269.D (-1484) (-)

Ion 56.00 (55.70 to 56.70): BG041269.D (-1484) (-)



#36

4-Chloro-3-methylphenol

Concen: 51.059 ng

RT: 12.16 min Scan# 1543

Delta R.T. -0.02 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

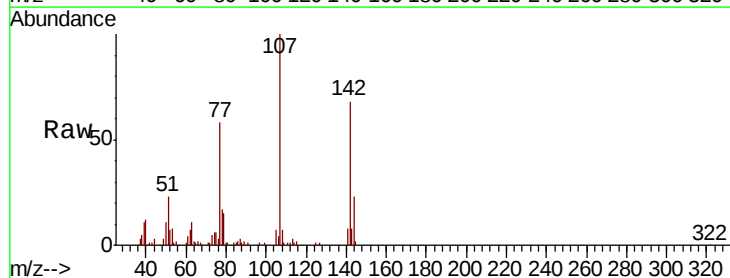
Tgt Ion:107 Resp: 96384

Ion Ratio Lower Upper

107 100

144 22.9 18.5 27.7

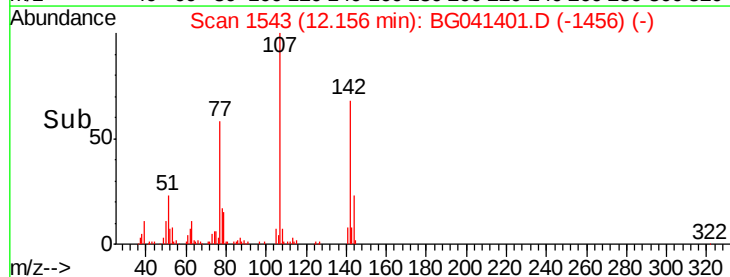
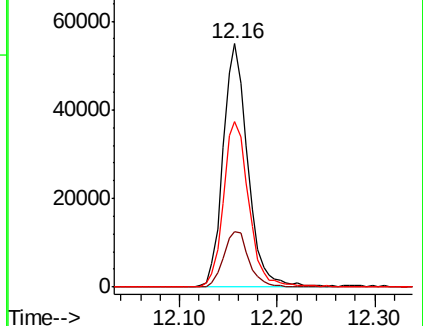
142 68.2 56.3 84.5

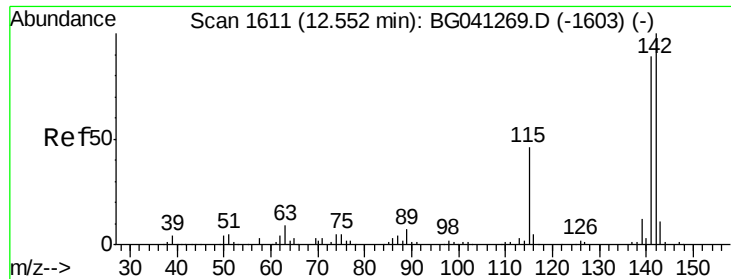


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

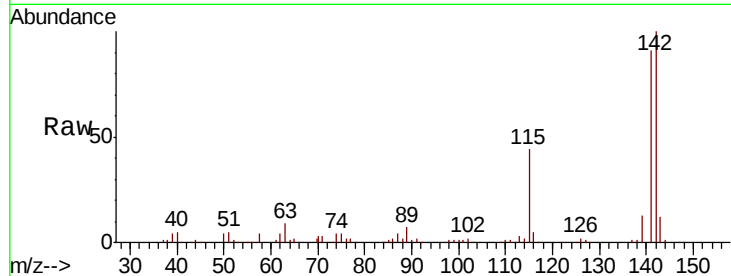




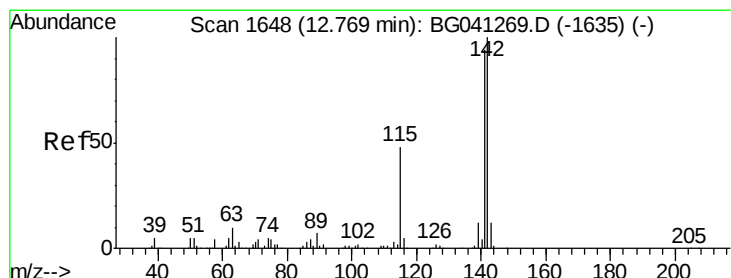
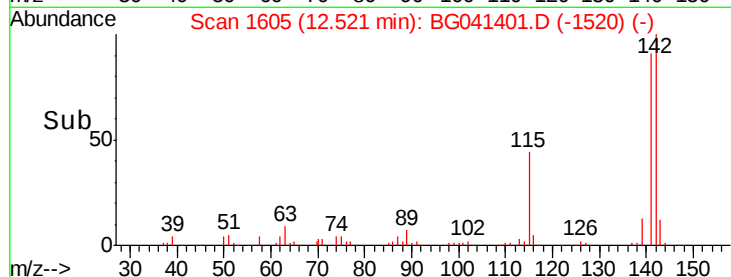
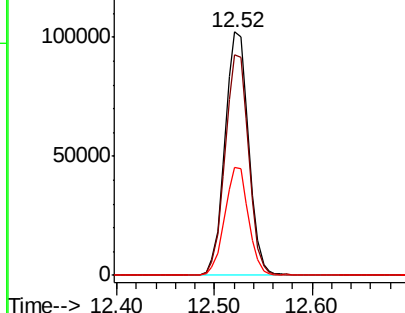
#37
2-Methylnaphthalene
Concen: 47.367 ng
RT: 12.52 min Scan# 1605
Delta R.T. -0.03 min
Lab File: BG041401.D
Acq: 22 Jun 2019 13:48

Instrument :
BNA_G
ClientSampleId :
PB120652BS

Tot Ion:142 Resp: 171962
Ion Ratio Lower Upper
142 100
141 90.5 71.5 107.3
115 44.1 37.0 55.6

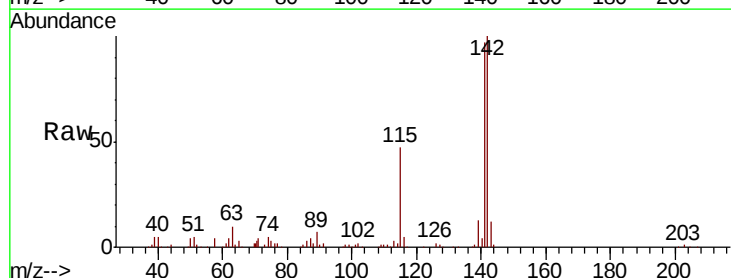


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

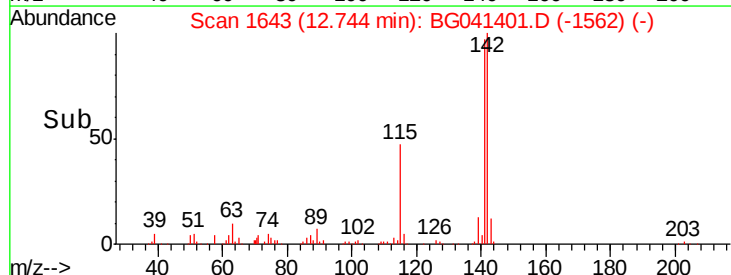
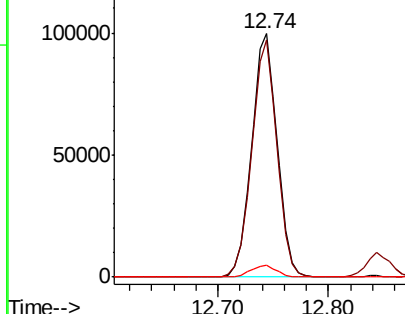


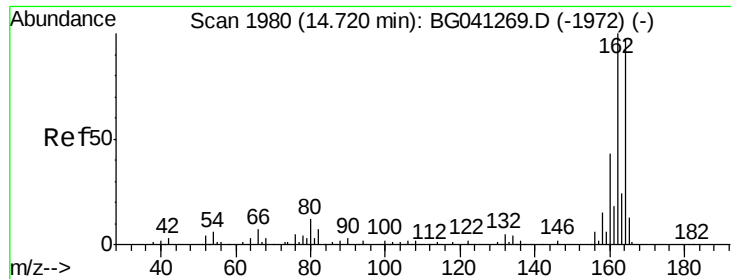
#38
1-Methylnaphthalene
Concen: 46.444 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.03 min
Lab File: BG041401.D
Acq: 22 Jun 2019 13:48

Tgt Ion:142 Resp: 161319
Ion Ratio Lower Upper
142 100
141 97.3 75.0 112.6
116 5.1 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. -0.03 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

Instrument :

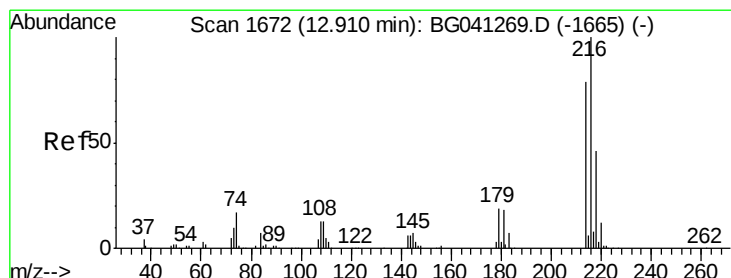
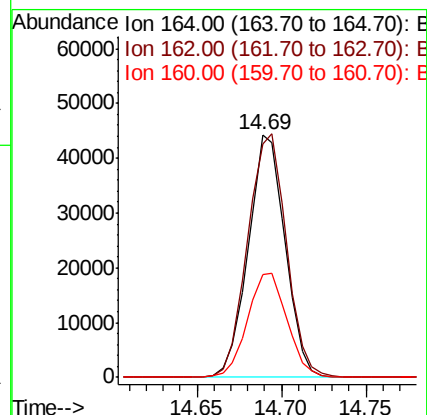
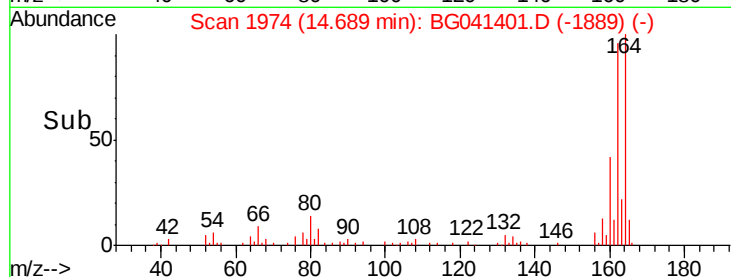
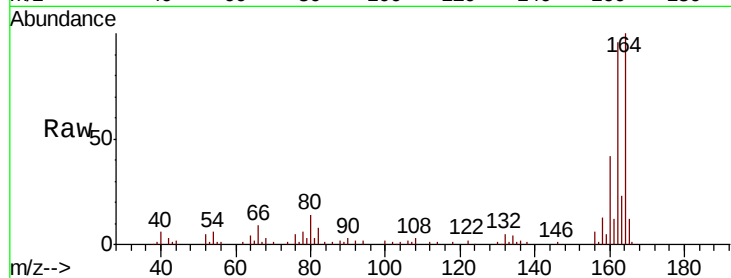
BNA_G

ClientSampleId :

PB120652BS

Tot Ion:164 Resp: 67099

Ion	Ratio	Lower	Upper
164	100		
162	96.5	82.8	124.2
160	42.4	35.8	53.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.775 ng

RT: 12.88 min Scan# 1667

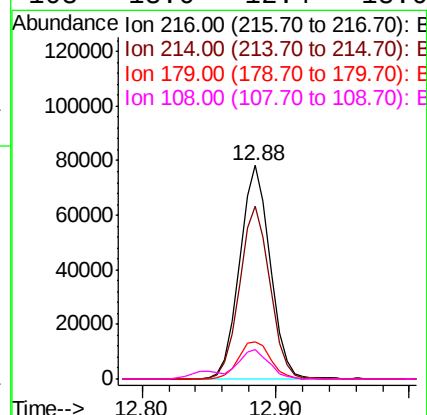
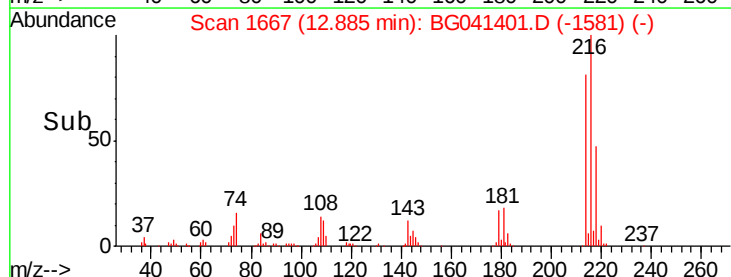
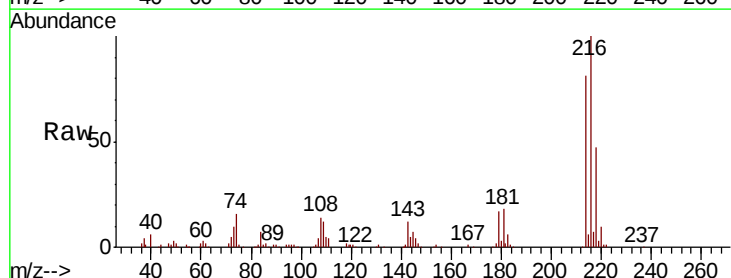
Delta R.T. -0.03 min

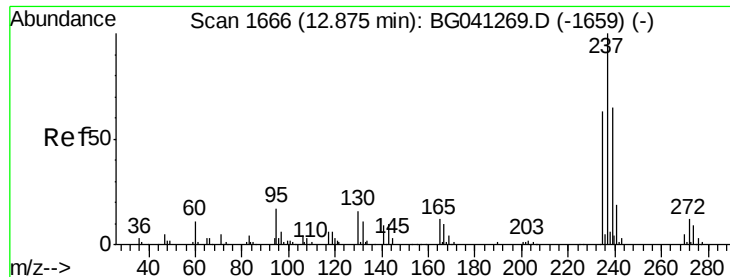
Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

Tgt Ion:216 Resp: 124059

Ion	Ratio	Lower	Upper
216	100		
214	80.4	62.8	94.2
179	18.4	15.2	22.8
108	13.6	12.4	18.6





#41

Hexachlorocyclopentadiene

Concen: 85.294 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.03 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

Instrument :

BNA_G

ClientSampleId :

PB120652BS

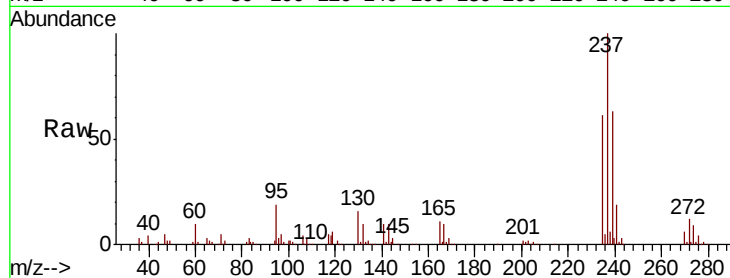
Tot Ion:237 Resp: 159187

Ion Ratio Lower Upper

237 100

235 61.3 42.9 82.9

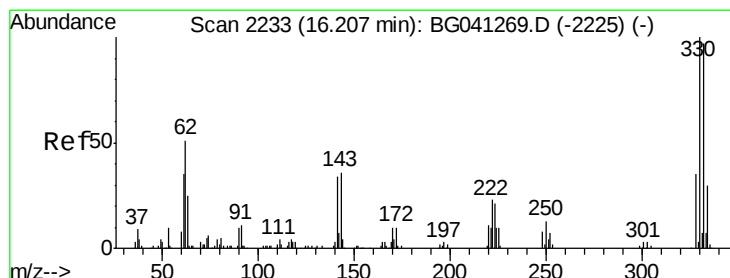
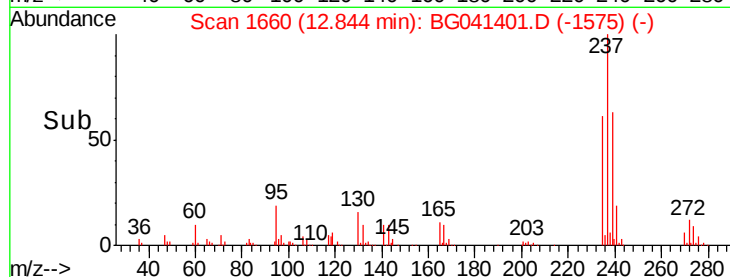
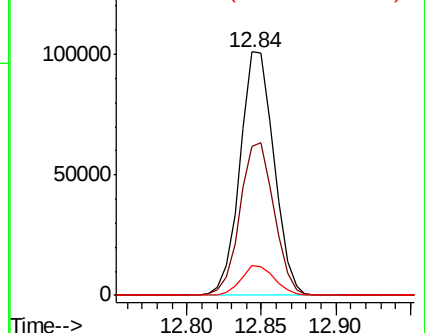
272 12.1 0.0 32.0



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: 160.723 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.03 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

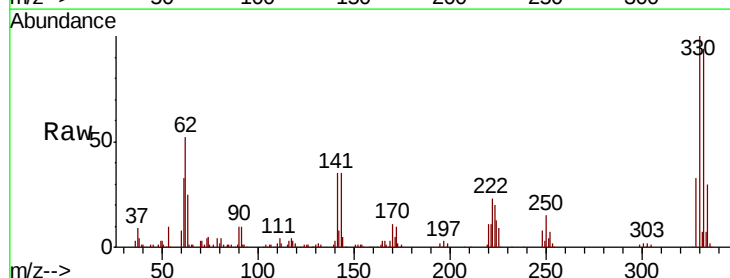
Tgt Ion:330 Resp: 165564

Ion Ratio Lower Upper

330 100

332 95.0 75.5 113.3

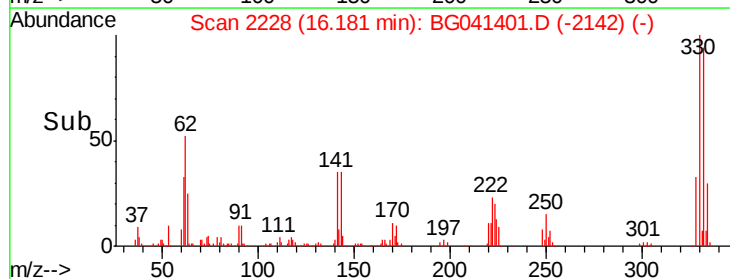
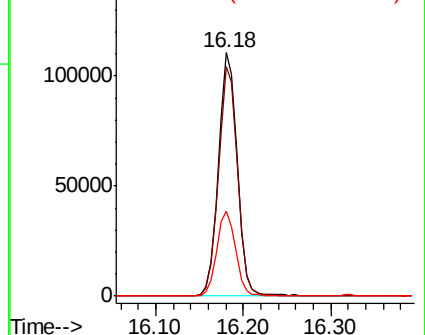
141 34.9 29.0 43.4

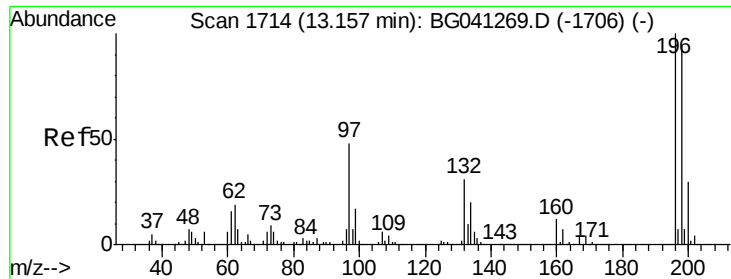


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

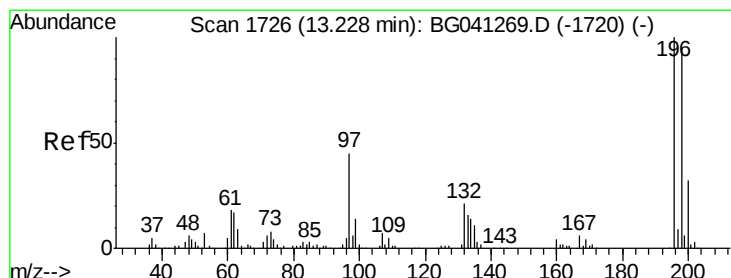
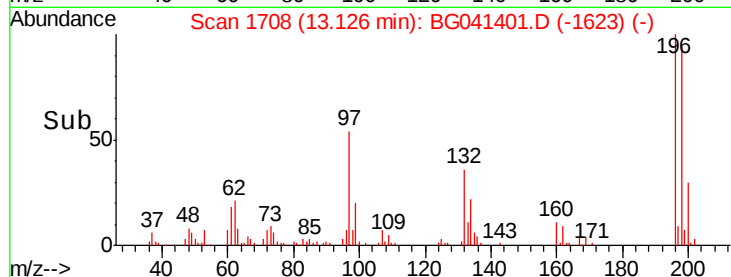
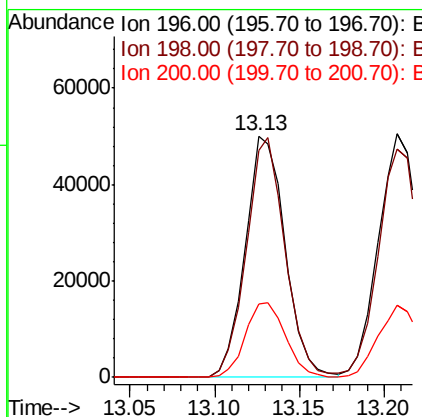
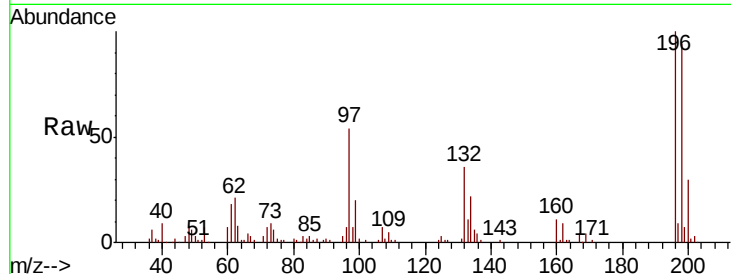




#43
 2,4,6-Trichlorophenol
 Concen: 47.841 ng
 RT: 13.13 min Scan# 1708
 Delta R.T. -0.03 min
 Lab File: BG041401.D
 Acq: 22 Jun 2019 13:48

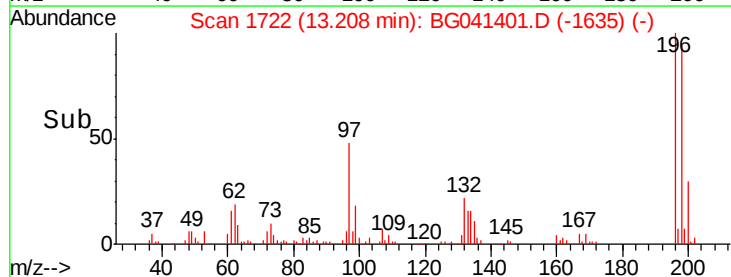
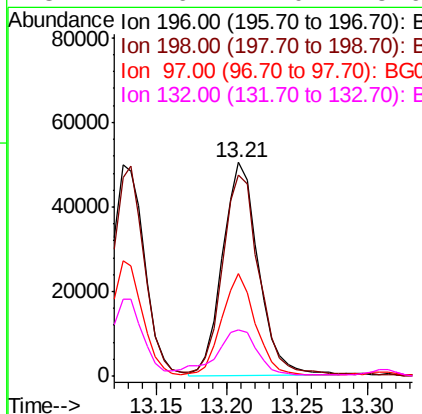
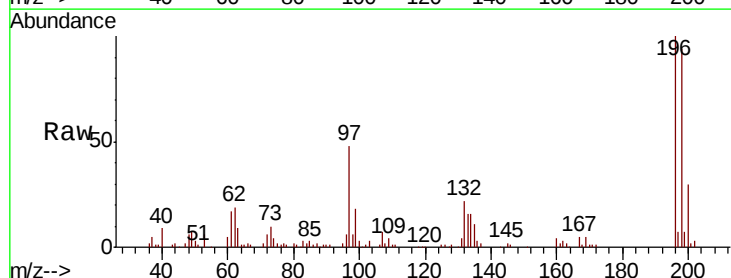
Instrument :
 BNA_G
 ClientSampleId :
 PB120652BS

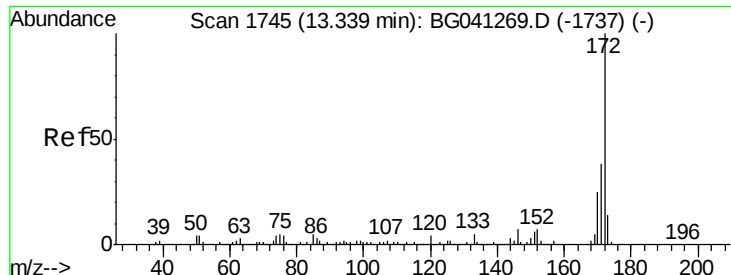
Tot Ion:196 Resp: 81999
 Ion Ratio Lower Upper
 196 100
 198 93.8 74.9 112.3
 200 30.4 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 50.606 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG041401.D
 Acq: 22 Jun 2019 13:48

Tgt Ion:196 Resp: 89248
 Ion Ratio Lower Upper
 196 100
 198 93.8 76.1 114.1
 97 47.9 35.9 53.9
 132 21.6 17.0 25.6

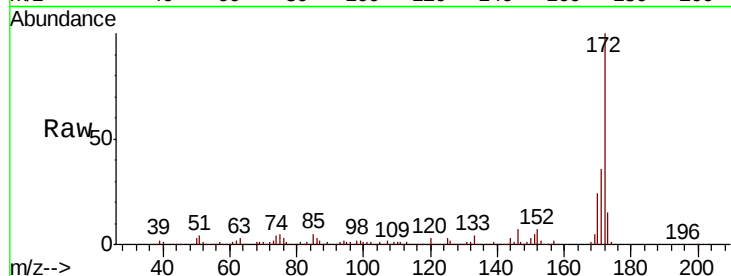




#45
2-Fluorobiphenyl
Concen: 91.773 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.03 min
Lab File: BG041401.D
Acq: 22 Jun 2019 13:48

Instrument :
BNA_G
ClientSampleId :
PB120652BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.0	45.0
170	23.7	19.8	29.6

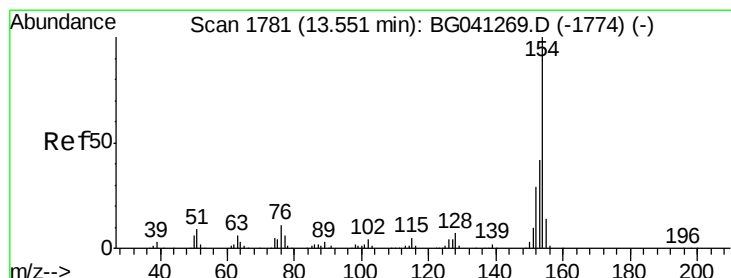
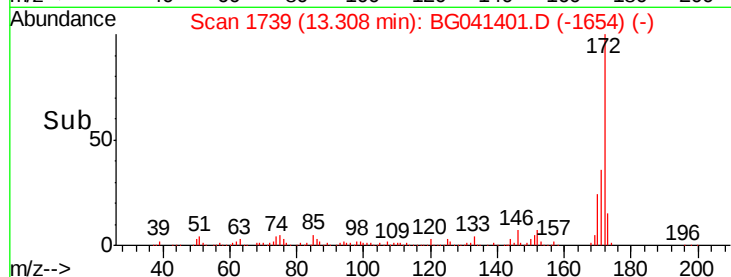
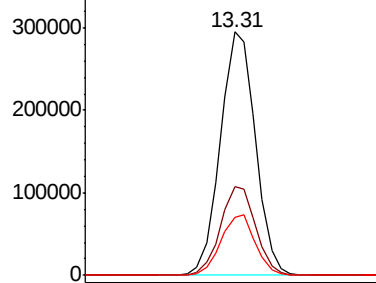


Abundance

Ion 172.00 (171.70 to 172.70): E

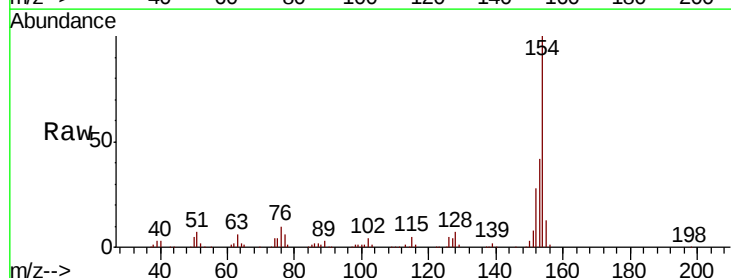
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 46.272 ng
RT: 13.53 min Scan# 1776
Delta R.T. -0.03 min
Lab File: BG041401.D
Acq: 22 Jun 2019 13:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.3	62.3
76	10.2	0.0	30.8

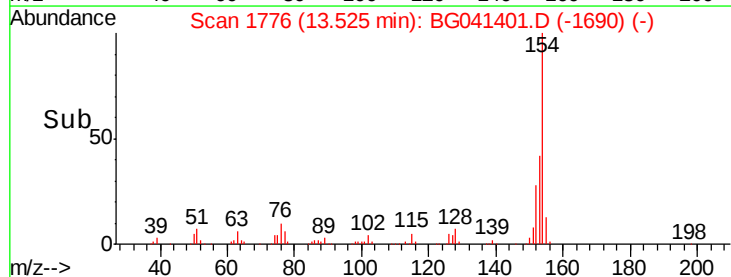
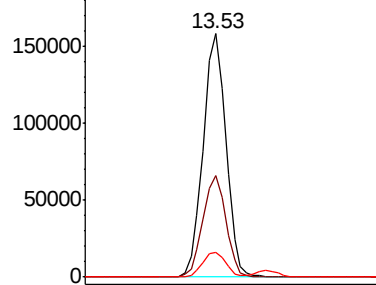


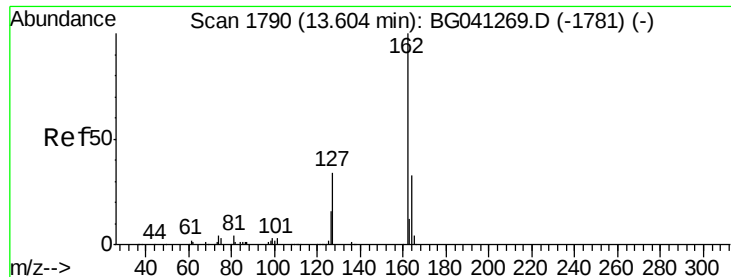
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC

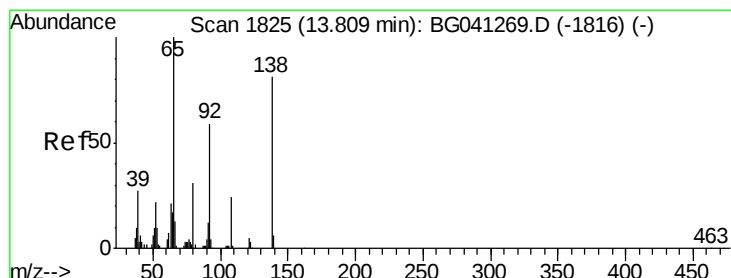
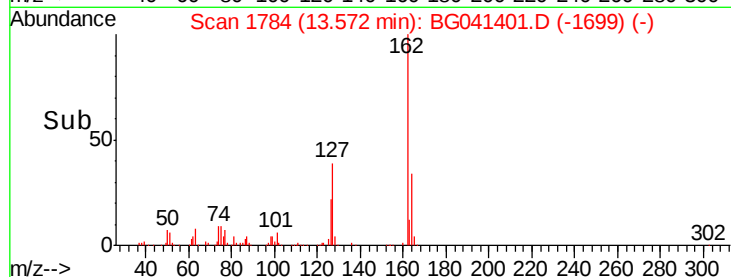
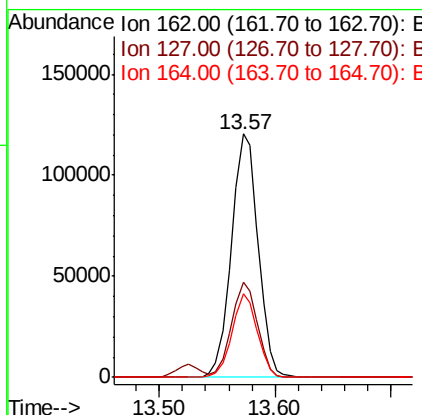
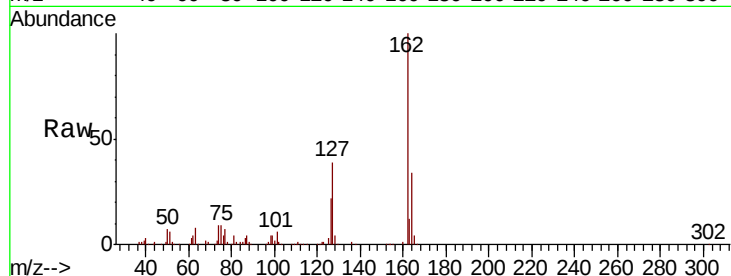




#47
 2-Chloronaphthalene
 Concen: 44.021 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.03 min
 Lab File: BG041401.D
 Acq: 22 Jun 2019 13:48

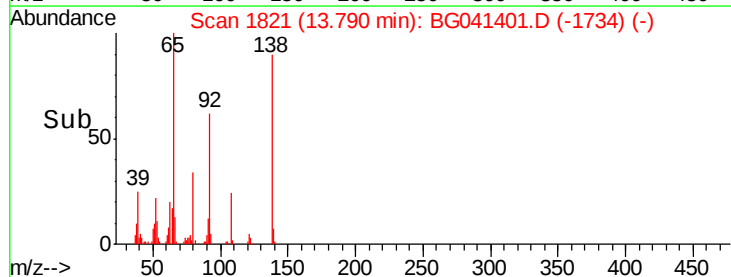
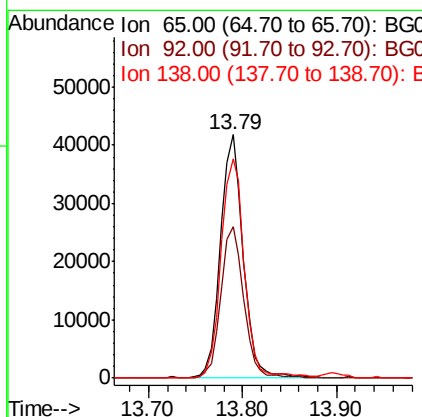
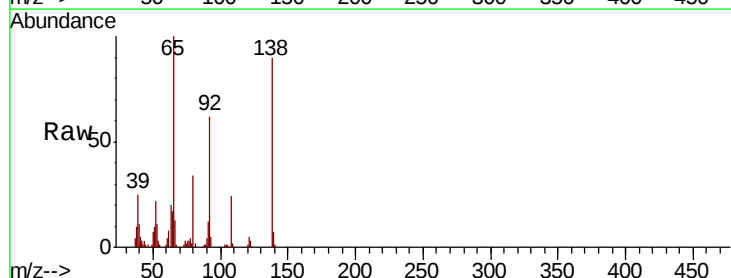
Instrument :
 BNA_G
 ClientSampleId :
 PB120652BS

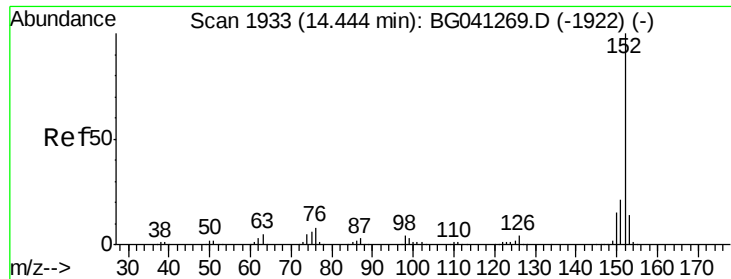
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.1	31.0	46.4
164	34.1	26.1	39.1



#48
 2-Nitroaniline
 Concen: 44.271 ng
 RT: 13.79 min Scan# 1821
 Delta R.T. -0.02 min
 Lab File: BG041401.D
 Acq: 22 Jun 2019 13:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.5	47.4	71.2
138	90.2	64.7	97.1





#49

Acenaphthylene

Concen: 46.312 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.03 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

Instrument :

BNA_G

ClientSampleId :

PB120652BS

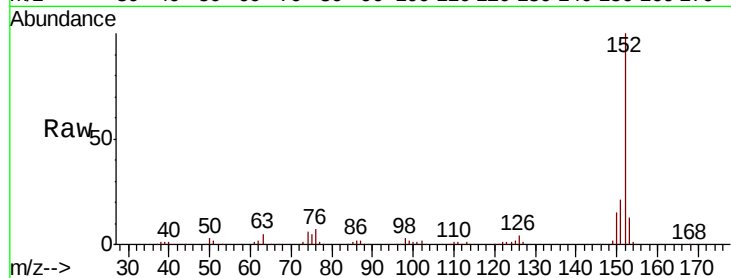
Tot Ion:152 Resp: 306918

Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

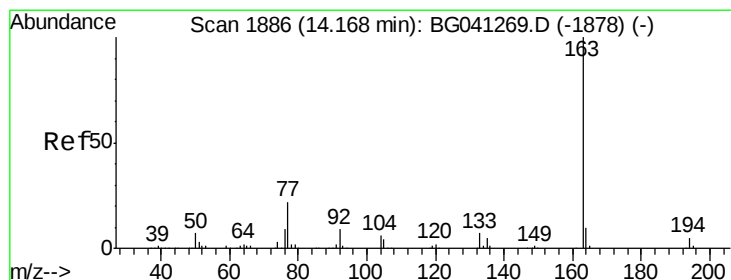
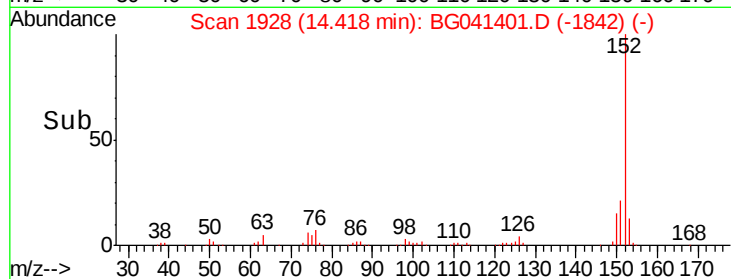
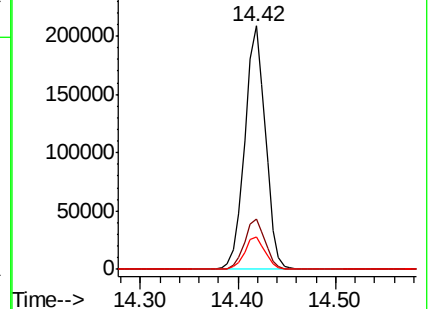
153 13.1 10.8 16.2



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: 46.084 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.03 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

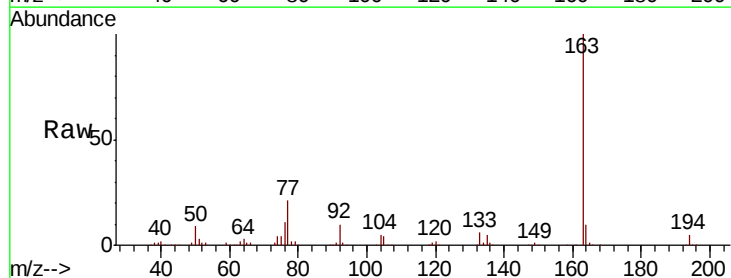
Tgt Ion:163 Resp: 275129

Ion Ratio Lower Upper

163 100

194 5.0 3.9 5.9

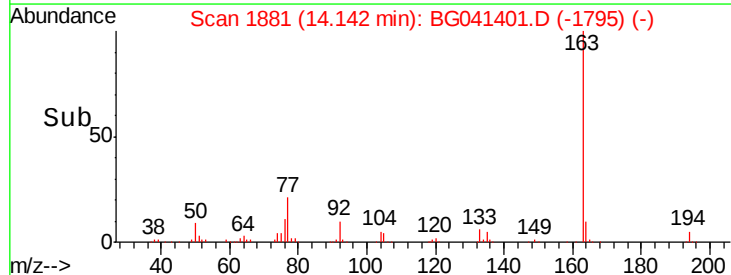
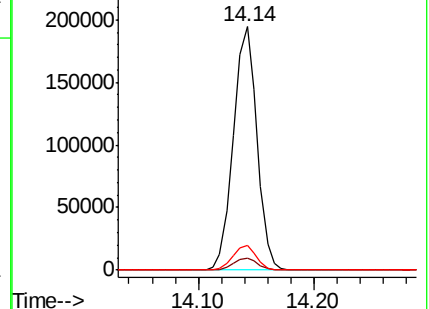
164 10.1 8.3 12.5

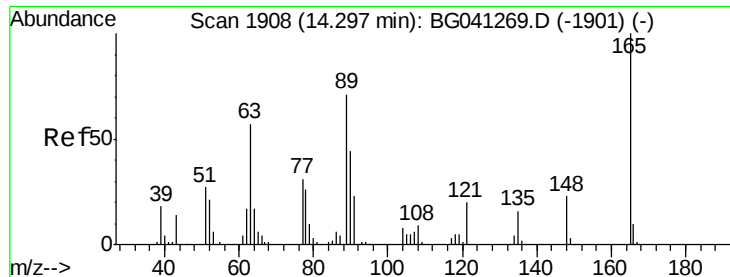


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 48.521 ng

RT: 14.28 min Scan# 1904

Delta R.T. -0.02 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

Instrument :

BNA_G

ClientSampleId :

PB120652BS

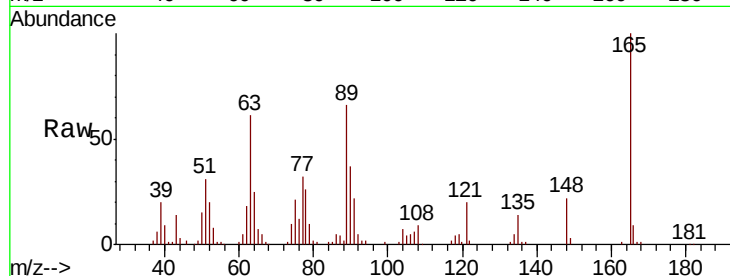
Tot Ion:165 Resp: 61080

Ion Ratio Lower Upper

165 100

63 61.4 55.4 83.0

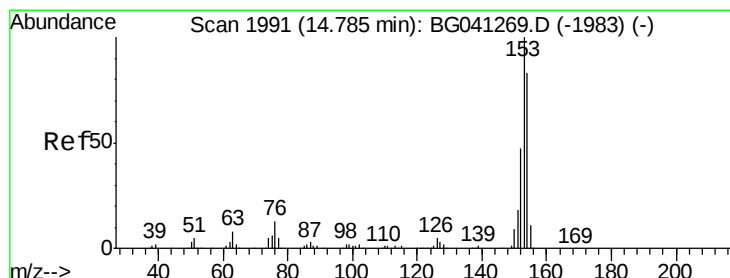
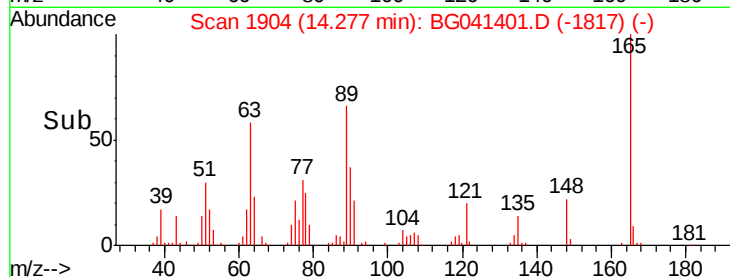
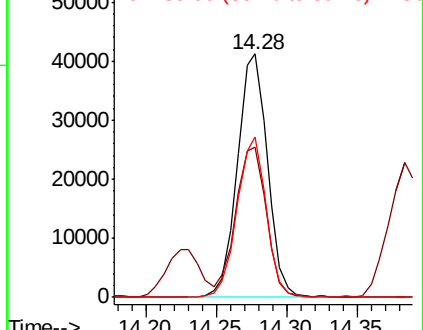
89 66.1 56.5 84.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 45.364 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.03 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

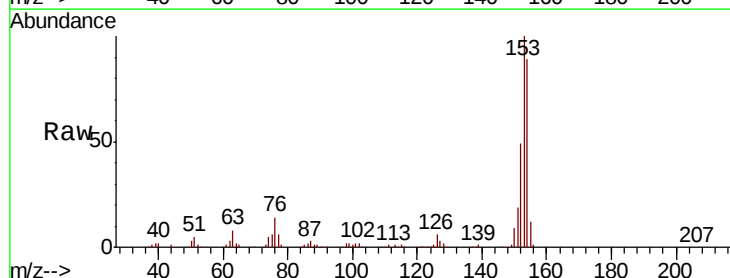
Tgt Ion:154 Resp: 176536

Ion Ratio Lower Upper

154 100

153 113.0 96.6 145.0

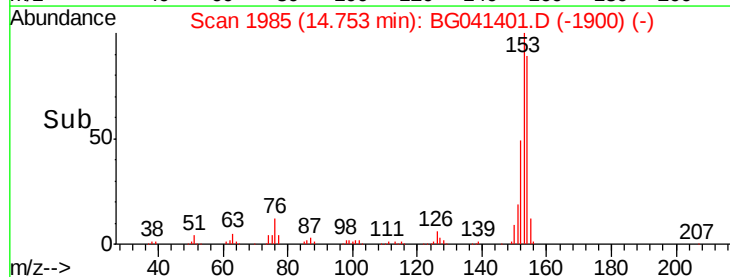
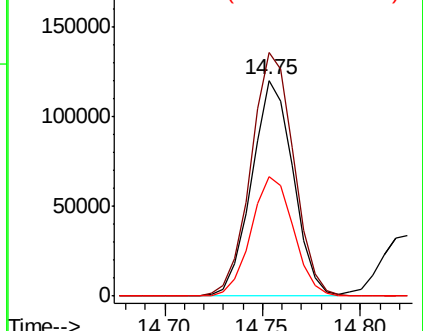
152 55.2 45.5 68.3

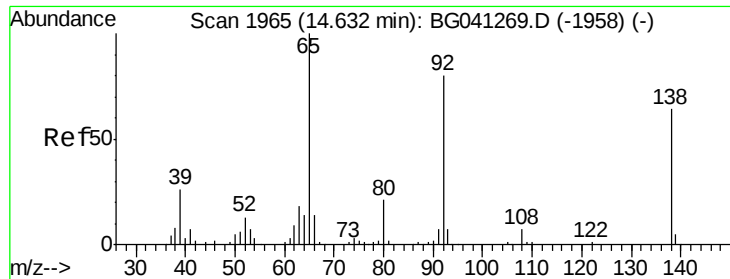


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

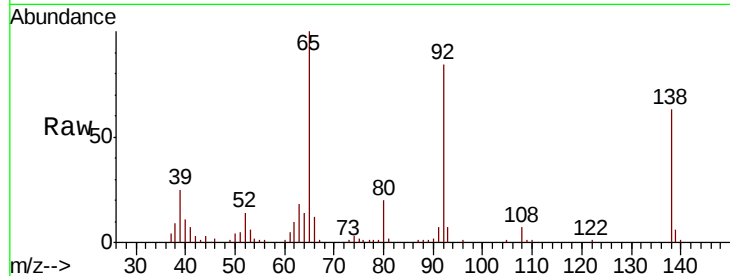




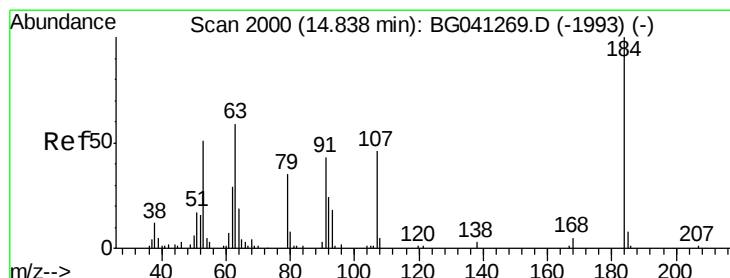
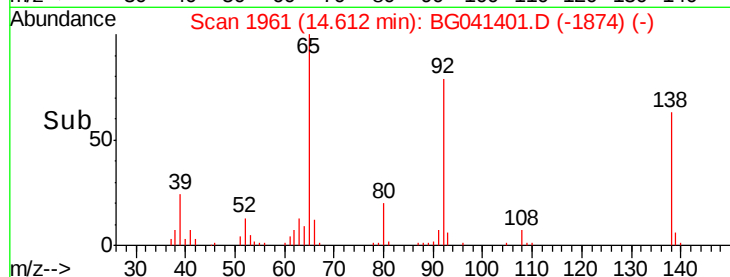
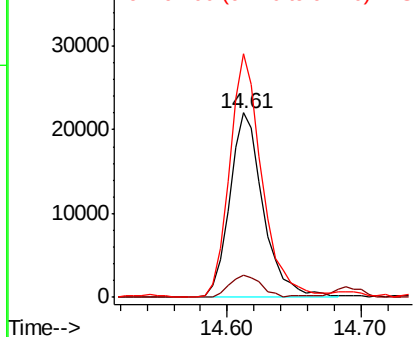
#53
 3-Nitroaniline
 Concen: 30.975 ng
 RT: 14.61 min Scan# 1961
 Delta R.T. -0.02 min
 Lab File: BG041401.D
 Acq: 22 Jun 2019 13:48

Instrument :
 BNA_G
 ClientSampleId :
 PB120652BS

Tot Ion:138 Resp: 38417
 Ion Ratio Lower Upper
 138 100
 108 11.8 8.3 12.5
 92 132.2 100.2 150.4

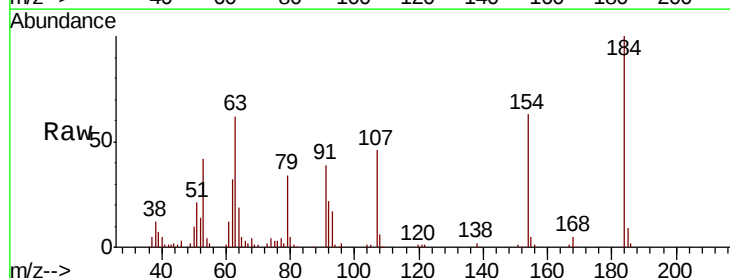


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): B

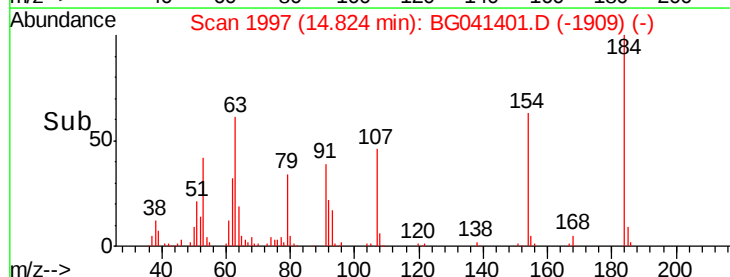
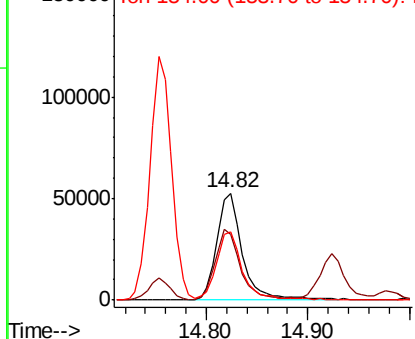


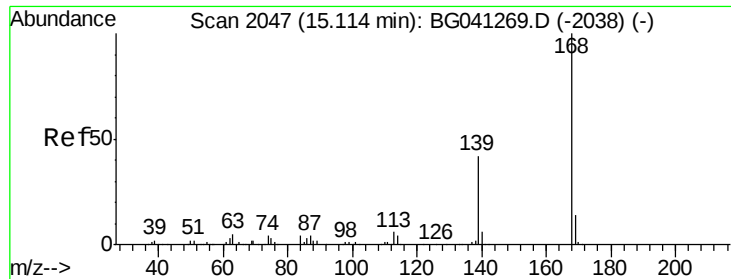
#54
 2,4-Dinitrophenol
 Concen: 100.901 ng
 RT: 14.82 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BG041401.D
 Acq: 22 Jun 2019 13:48

Tgt Ion:184 Resp: 92551
 Ion Ratio Lower Upper
 184 100
 63 61.5 60.0 90.0
 154 63.4 58.3 87.5



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

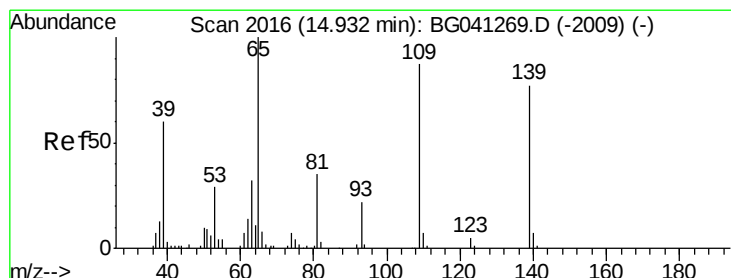
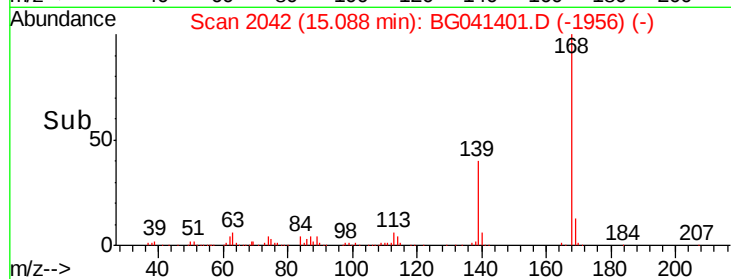
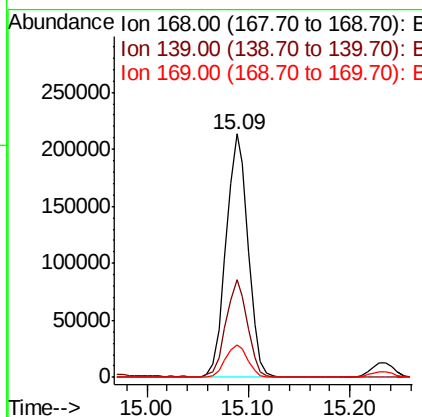
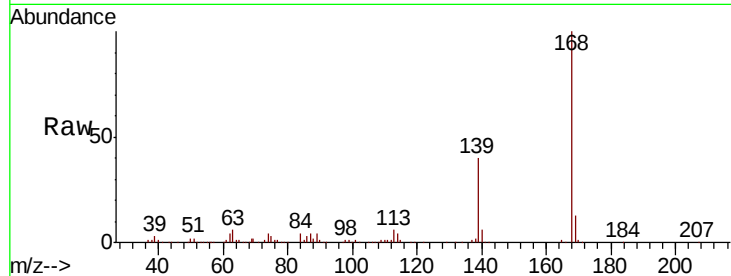




#55
Dibenzofuran
Concen: 47.315 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.03 min
Lab File: BG041401.D
Acq: 22 Jun 2019 13:48

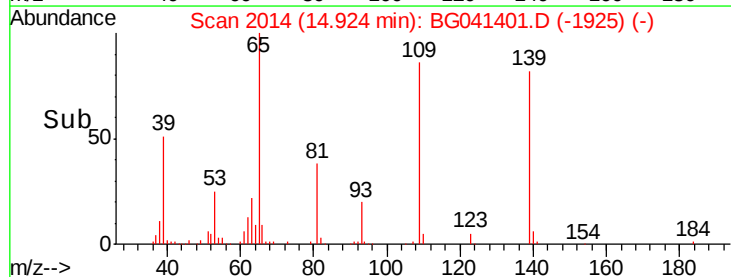
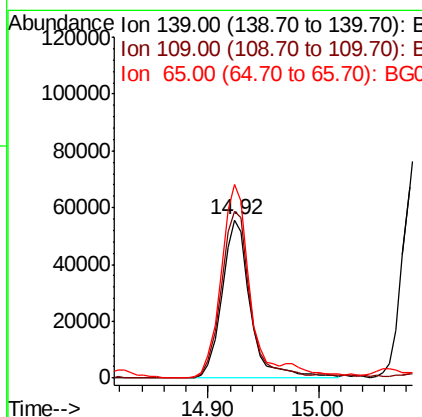
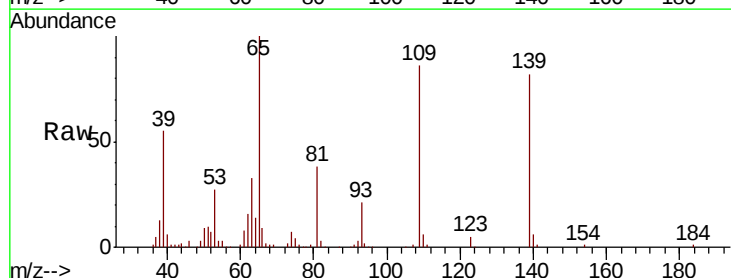
Instrument :
BNA_G
ClientSampleId :
PB120652BS

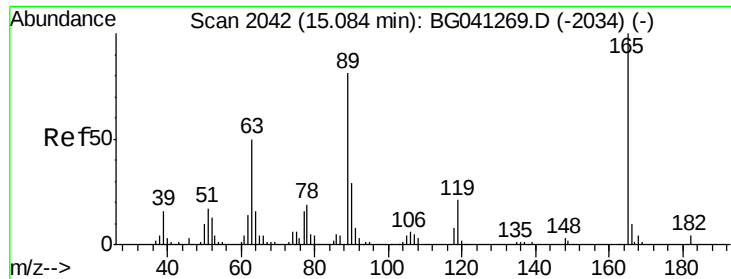
Tot Ion:168 Resp: 320139
Ion Ratio Lower Upper
168 100
139 40.1 33.6 50.4
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 104.978 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BG041401.D
Acq: 22 Jun 2019 13:48

Tgt Ion:139 Resp: 99896
Ion Ratio Lower Upper
139 100
109 106.0 93.2 133.2
65 122.7 110.2 150.2





#57

2,4-Dinitrotoluene

Concen: 49.475 ng

RT: 15.06 min Scan# 2038

Delta R.T. -0.02 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

Instrument :

BNA_G

ClientSampleId :

PB120652BS

Tot Ion:165 Resp: 91042

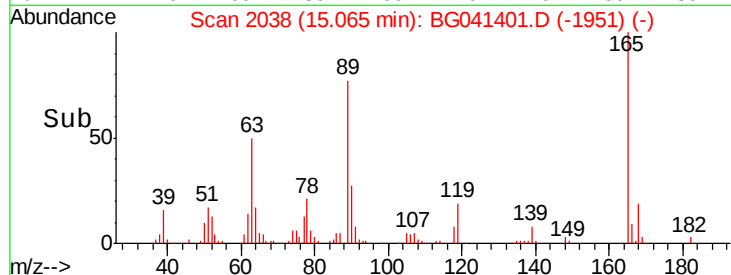
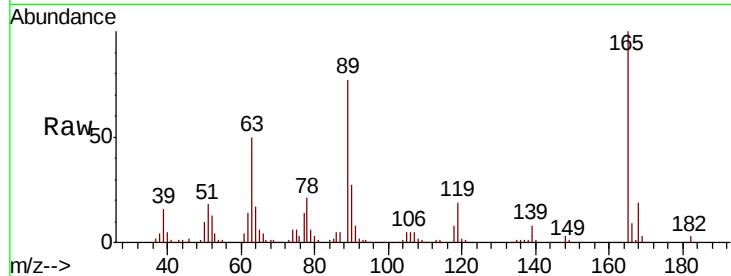
Ion Ratio Lower Upper

165 100

63 50.3 40.0 60.0

89 77.3 64.6 96.8

182 2.8 2.9 4.3#

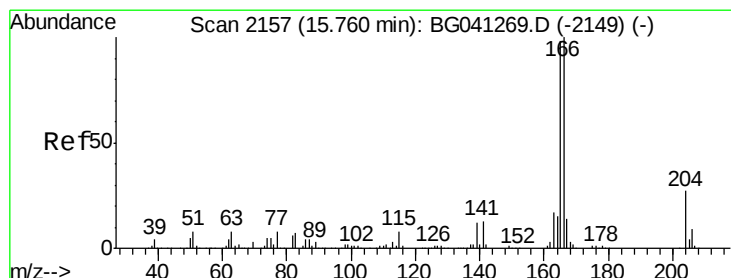
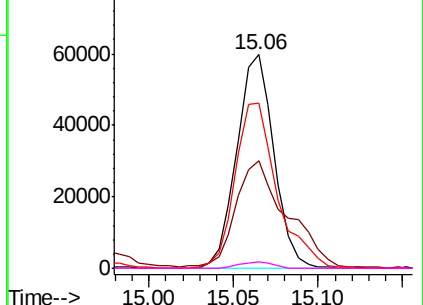


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 48.018 ng

RT: 15.73 min Scan# 2152

Delta R.T. -0.03 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

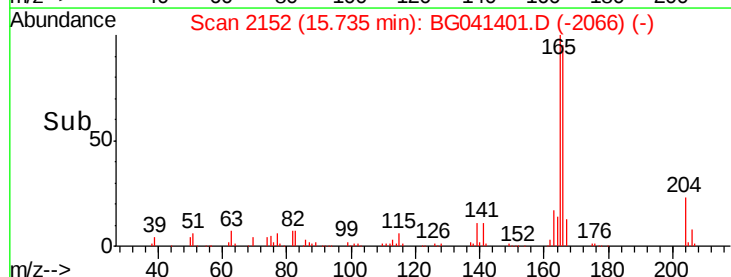
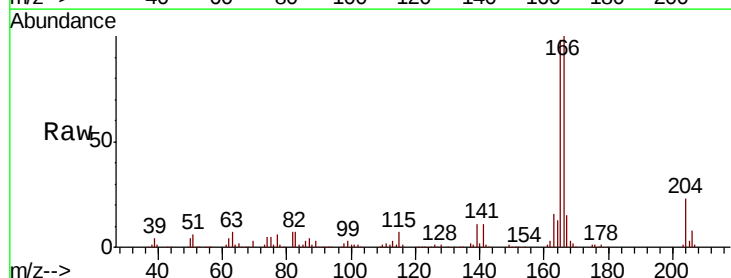
Tgt Ion:166 Resp: 255578

Ion Ratio Lower Upper

166 100

165 97.9 78.8 118.2

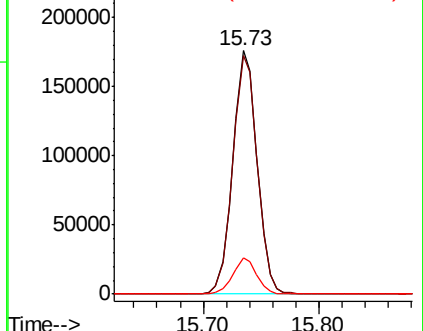
167 14.8 11.3 16.9

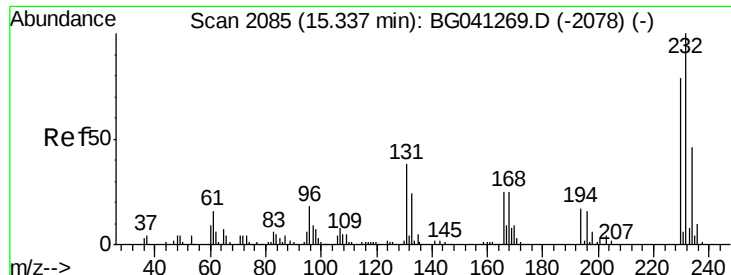


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

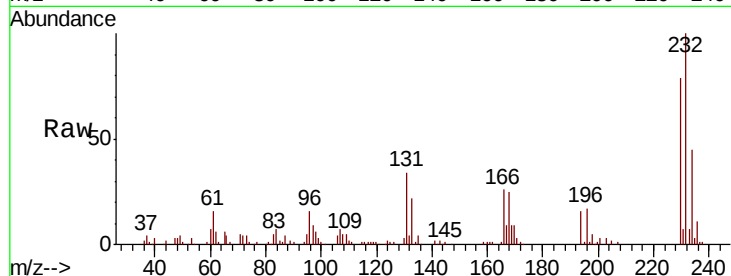




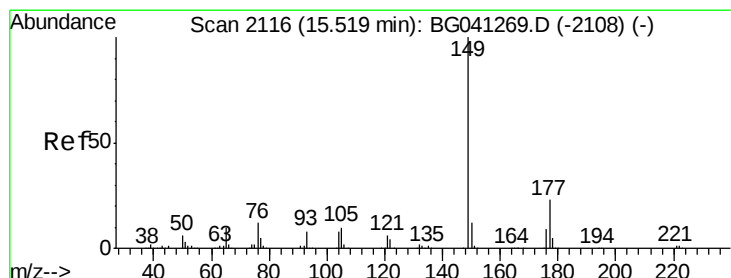
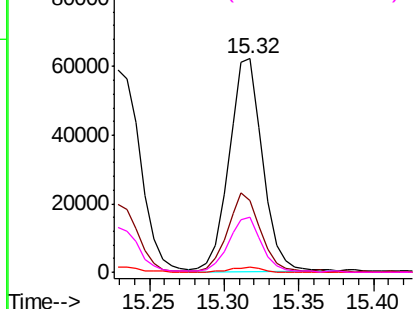
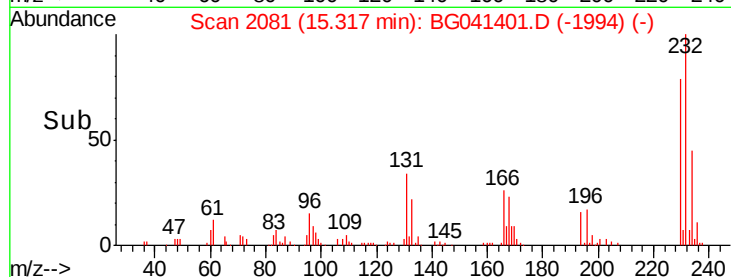
#59
2,3,4,6-Tetrachlorophenol
Concen: 53.388 ng
RT: 15.32 min Scan# 2081
Delta R.T. -0.02 min
Lab File: BG041401.D
Acq: 22 Jun 2019 13:48

Instrument :
BNA_G
ClientSampleId :
PB120652BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	35.5	29.0	43.6
130	2.3	1.6	2.4
166	26.0	21.0	31.4

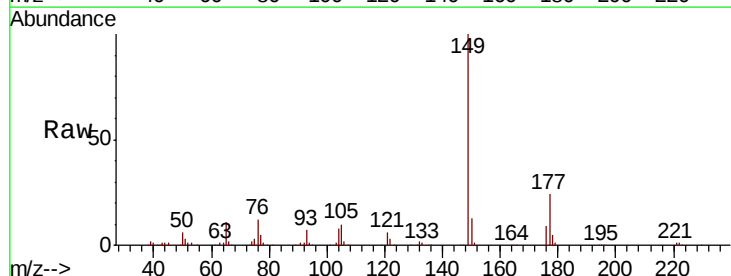


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

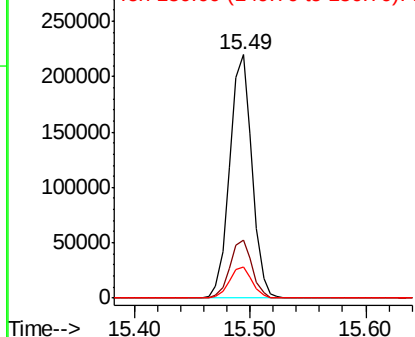
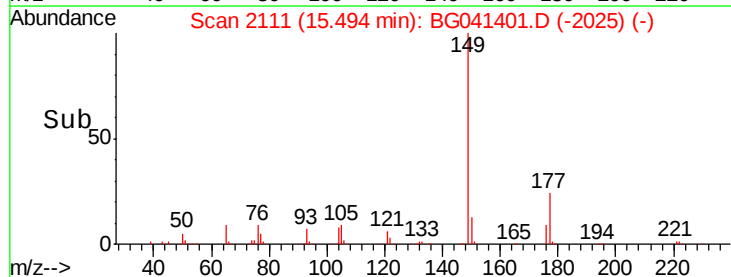


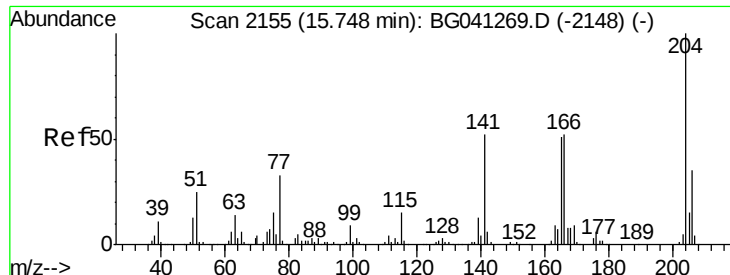
#60
Diethylphthalate
Concen: 48.137 ng
RT: 15.49 min Scan# 2111
Delta R.T. -0.03 min
Lab File: BG041401.D
Acq: 22 Jun 2019 13:48

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.4	27.6
150	12.7	9.9	14.9



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

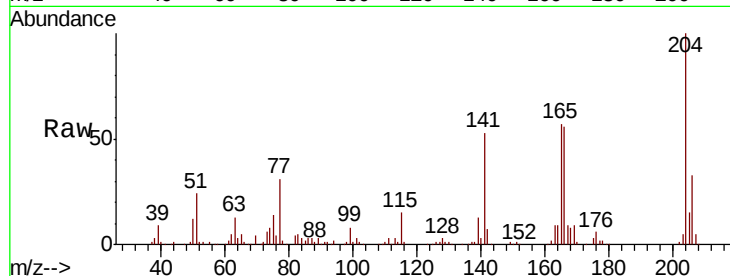




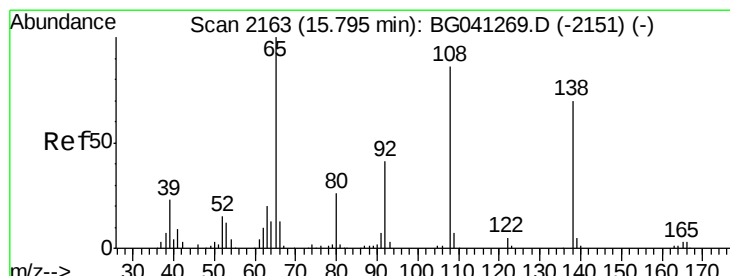
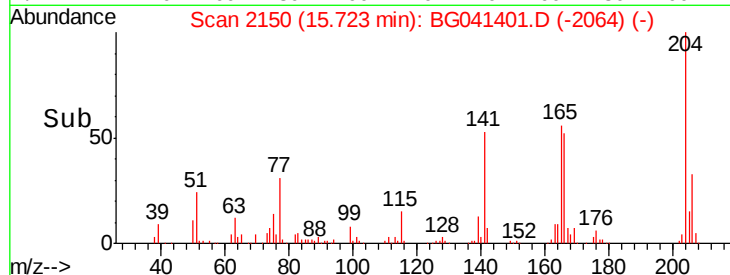
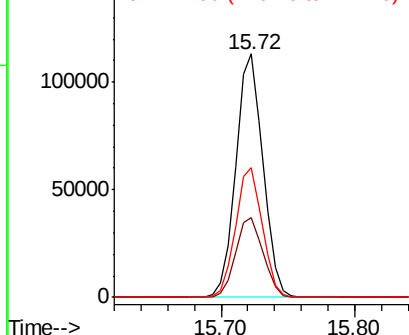
#61
4-Chlorophenyl-phenylether
Concen: 45.880 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.03 min
Lab File: BG041401.D
Acq: 22 Jun 2019 13:48

Instrument :
BNA_G
ClientSampleId :
PB120652BS

Tot Ion:204 Resp: 158881
Ion Ratio Lower Upper
204 100
206 32.7 27.9 41.9
141 53.0 41.4 62.0

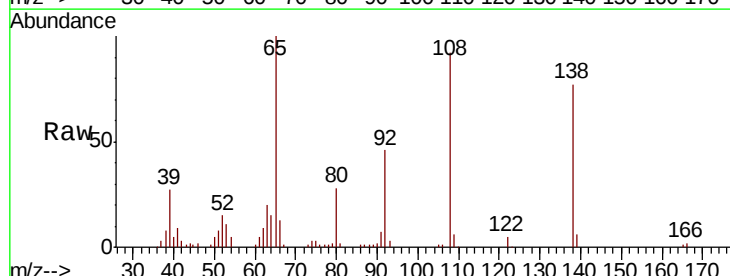


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

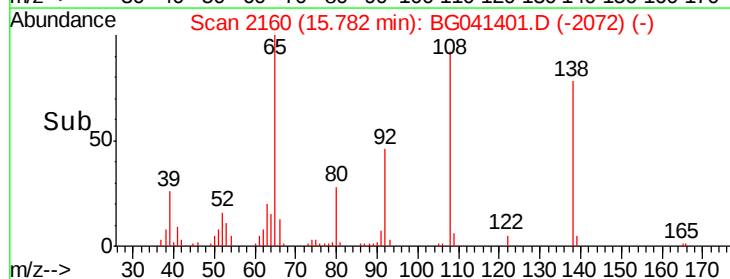
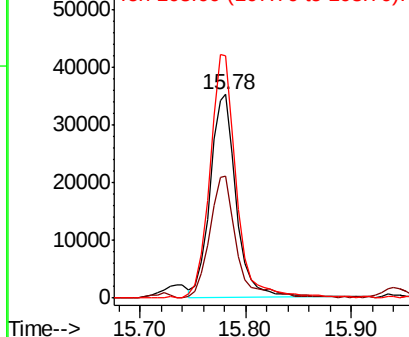


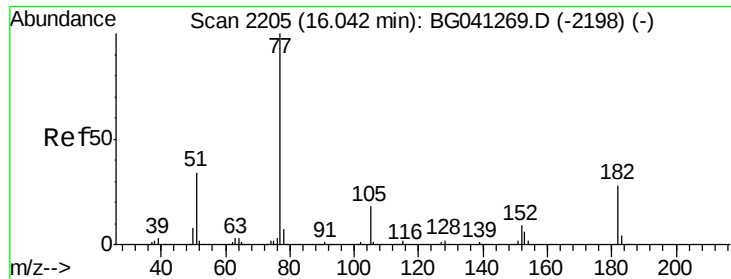
#62
4-Nitroaniline
Concen: 45.720 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BG041401.D
Acq: 22 Jun 2019 13:48

Tgt Ion:138 Resp: 60648
Ion Ratio Lower Upper
138 100
92 59.9 38.8 78.8
108 118.9 103.4 143.4



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

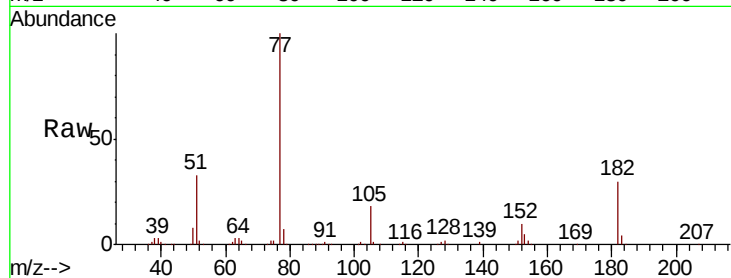




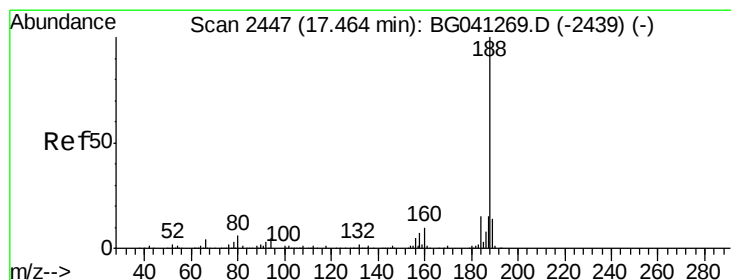
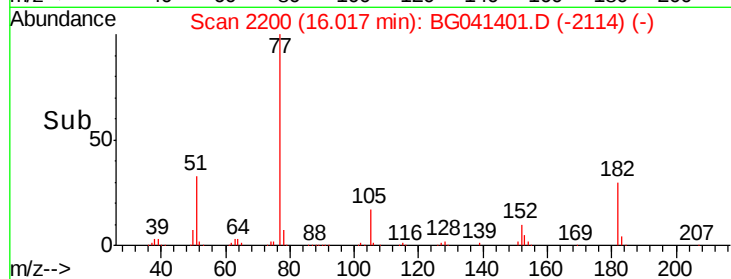
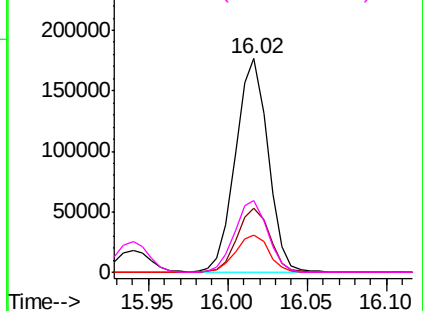
#63
Azobenzene
Concen: 46.409 ng
RT: 16.02 min Scan# 2200
Delta R.T. -0.03 min
Lab File: BG041401.D
Acq: 22 Jun 2019 13:48

Instrument :
BNA_G
ClientSampleId :
PB120652BS

Tot Ion:	77	Resp:	251239
Ion	Ratio	Lower	Upper
77	100		
182	30.2	7.5	47.5
105	17.6	0.0	37.7
51	33.4	14.6	54.6

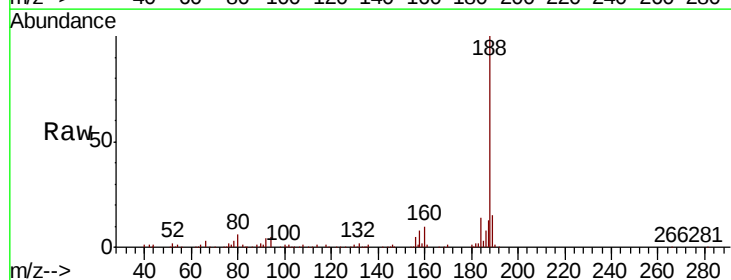


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

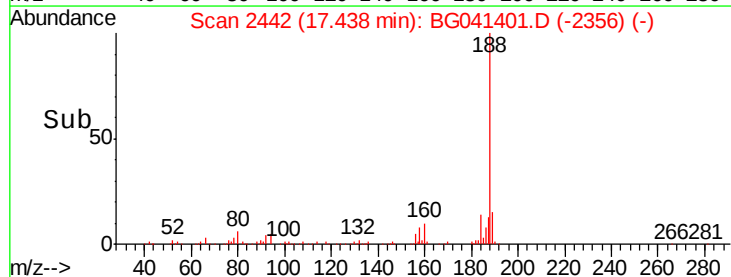
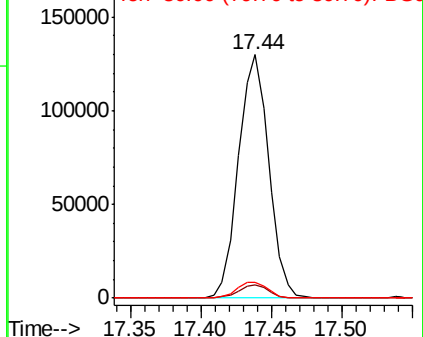


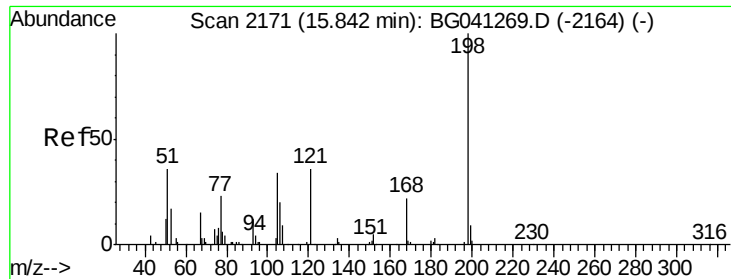
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.03 min
Lab File: BG041401.D
Acq: 22 Jun 2019 13:48

Tgt Ion:	188	Resp:	195238
Ion	Ratio	Lower	Upper
188	100		
94	5.4	3.6	5.4
80	6.4	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: 48.671 ng

RT: 15.82 min Scan# 2167

Delta R.T. -0.02 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

Instrument :

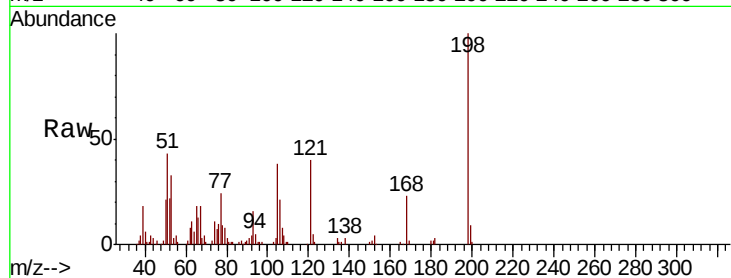
BNA_G

ClientSampleId :

PB120652BS

Tot Ion:198 Resp: 61678

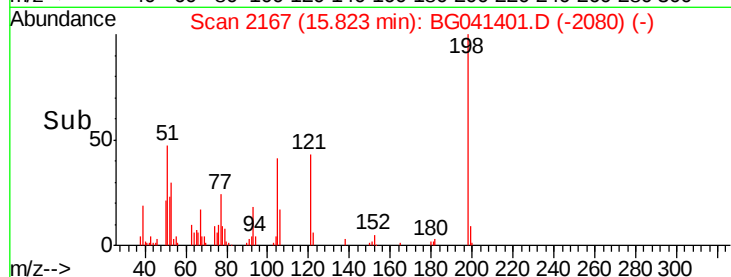
Ion	Ratio	Lower	Upper
198	100		
51	43.0	23.4	63.4
105	38.1	15.8	55.8



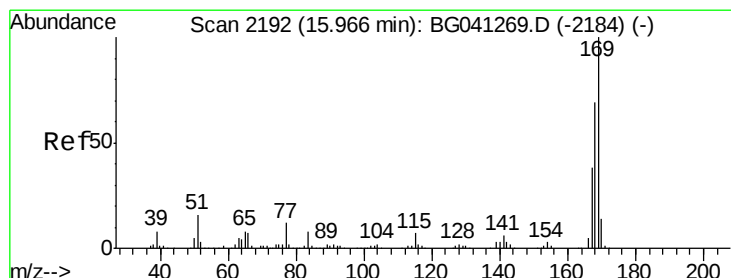
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 46.045 ng

RT: 15.94 min Scan# 2187

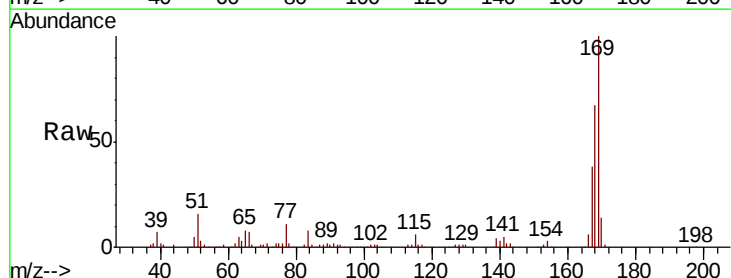
Delta R.T. -0.03 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

Tgt Ion:169 Resp: 238702

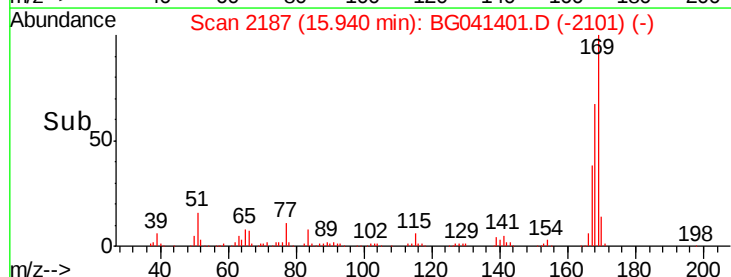
Ion	Ratio	Lower	Upper
169	100		
168	67.4	55.2	82.8
167	37.7	30.4	45.6



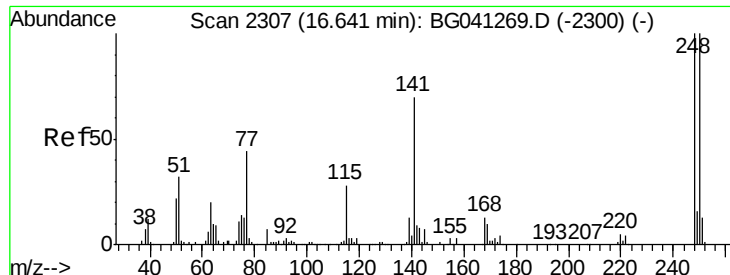
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



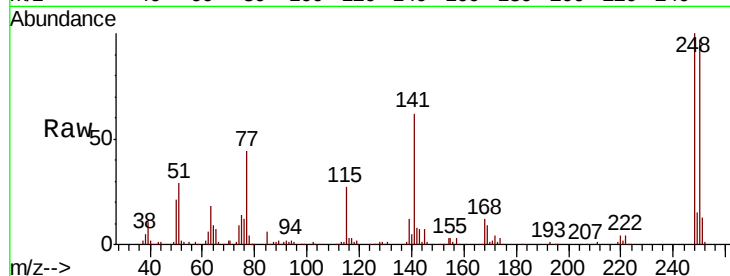
Time-->



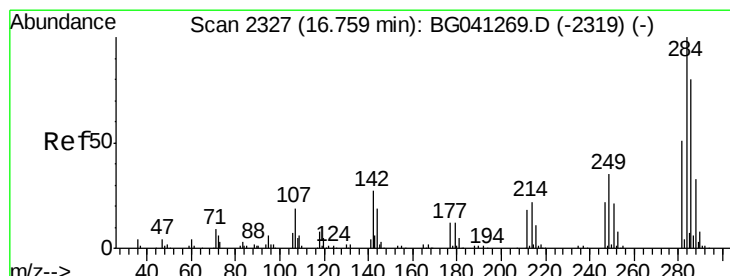
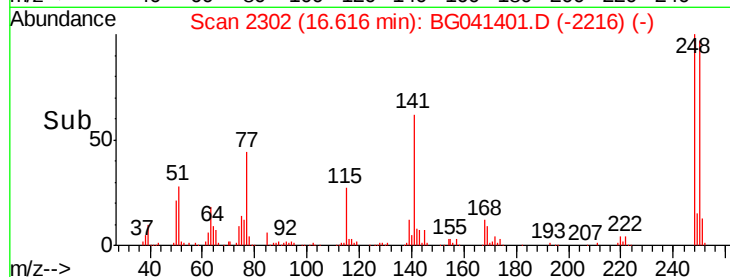
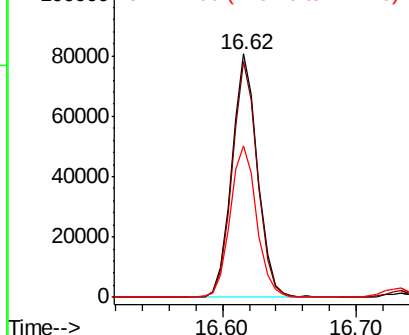
#67
4-Bromophenyl-phenylether
Concen: 42.790 ng
RT: 16.62 min Scan# 2302
Delta R.T. -0.03 min
Lab File: BG041401.D
Acq: 22 Jun 2019 13:48

Instrument :
BNA_G
ClientSampleId :
PB120652BS

Tot Ion:248 Resp: 108024
Ion Ratio Lower Upper
248 100
250 97.1 79.8 119.8
141 62.3 55.8 83.6

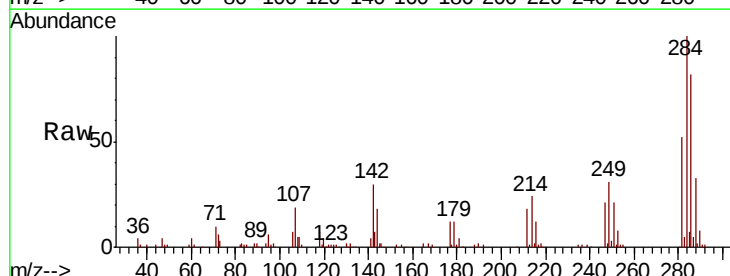


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

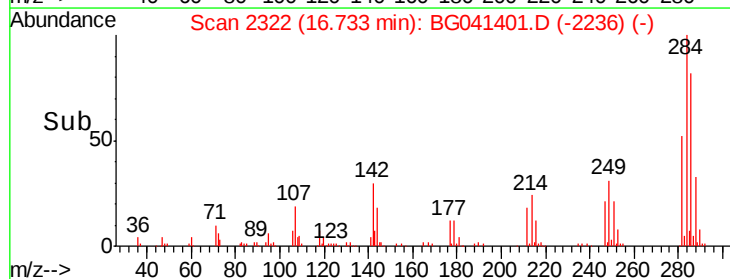
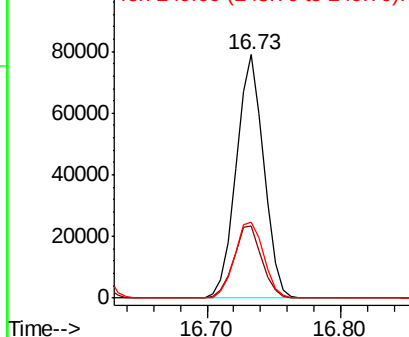


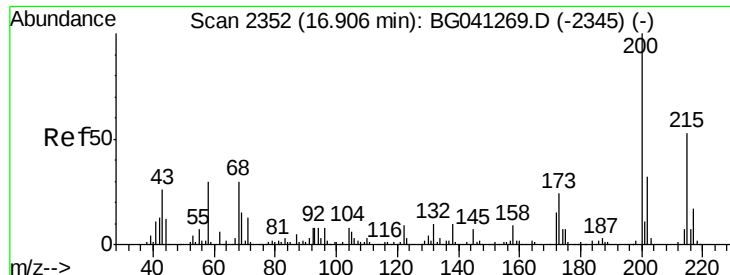
#68
Hexachlorobenzene
Concen: 41.713 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.03 min
Lab File: BG041401.D
Acq: 22 Jun 2019 13:48

Tgt Ion:284 Resp: 112764
Ion Ratio Lower Upper
284 100
142 29.6 21.8 32.8
249 31.2 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: 16.89 min Scan# 2348

Delta R.T. -0.02 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

Instrument :

BNA_G

ClientSampleId :

PB120652BS

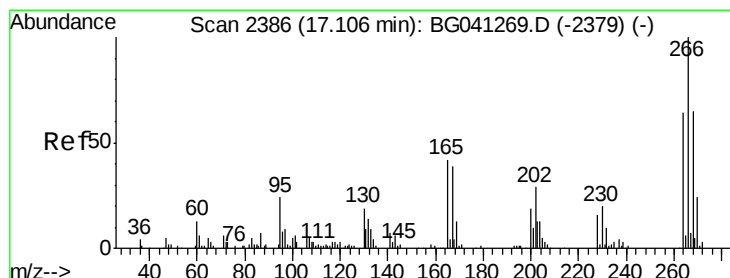
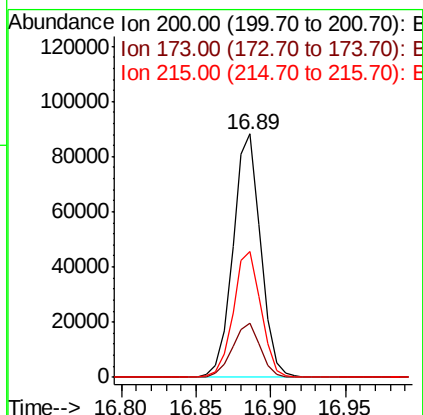
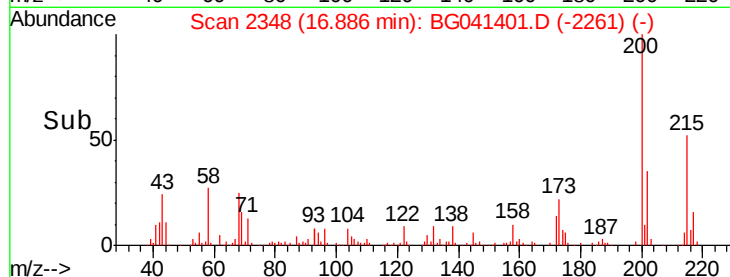
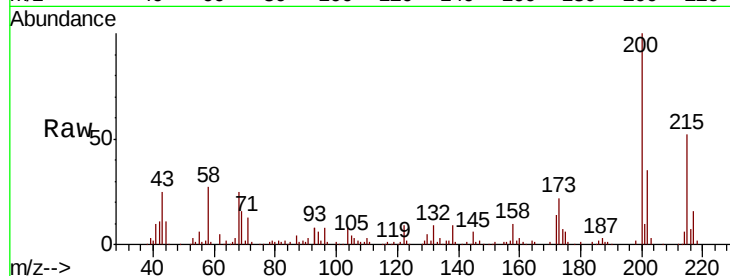
Tot Ion:200 Resp: 114130

Ion Ratio Lower Upper

200 100

173 22.3 4.0 44.0

215 51.5 33.4 73.4



#70

Pentachlorophenol

Concen: 106.240 ng

RT: 17.09 min Scan# 2382

Delta R.T. -0.02 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

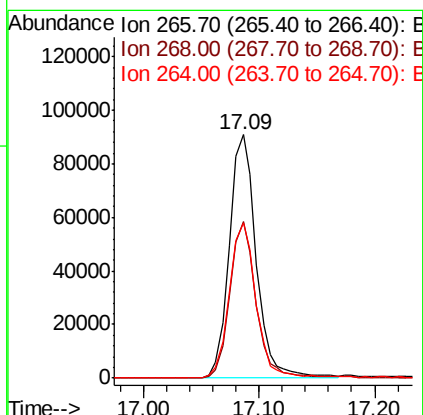
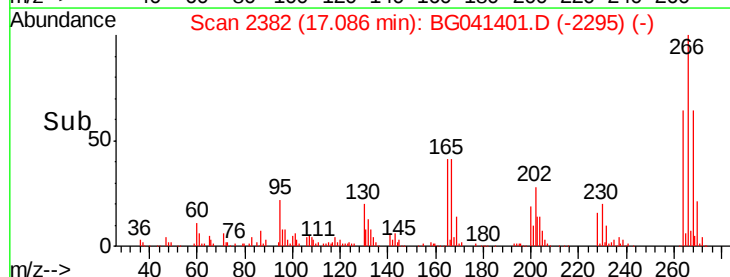
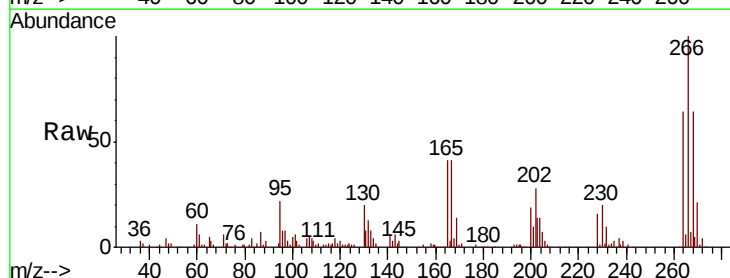
Tgt Ion:266 Resp: 147063

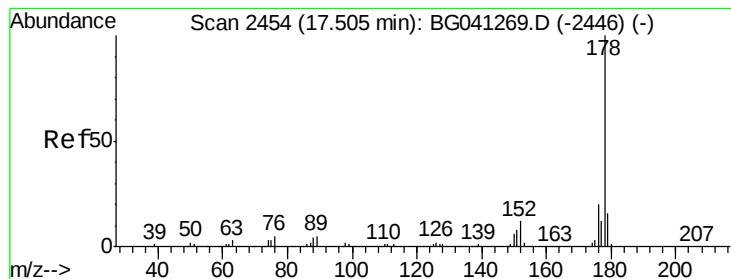
Ion Ratio Lower Upper

266 100

268 64.2 52.0 78.0

264 63.6 51.2 76.8





#71

Phenanthrene

Concen: 45.919 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.03 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

Instrument :

BNA_G

ClientSampleId :

PB120652BS

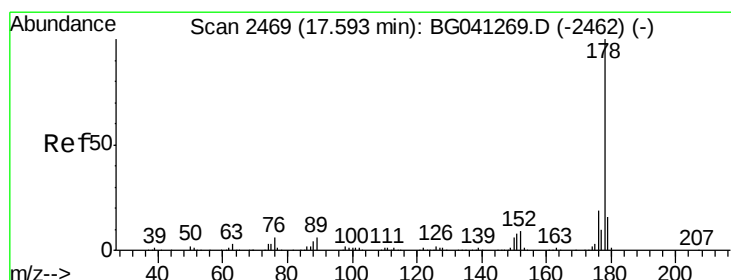
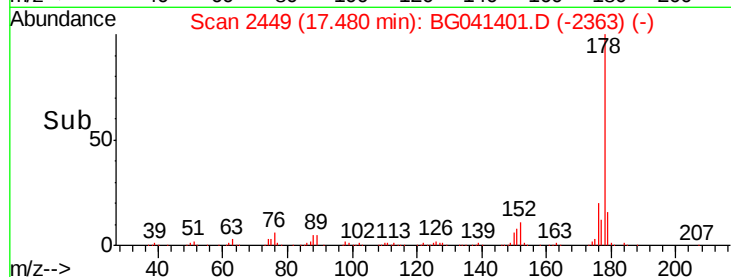
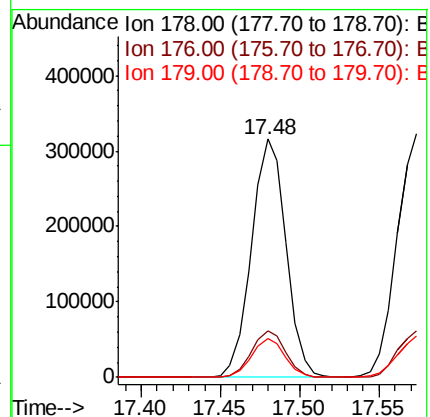
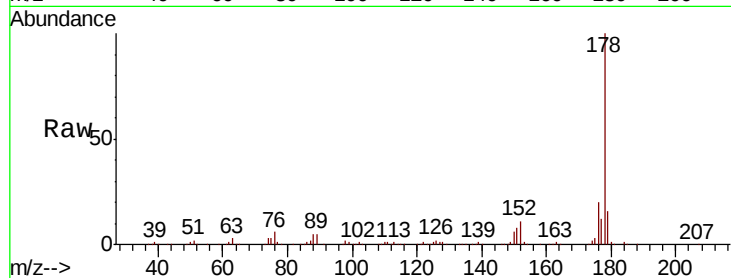
Tot Ion:178 Resp: 478140

Ion Ratio Lower Upper

178 100

176 19.5 16.1 24.1

179 16.1 12.9 19.3



#72

Anthracene

Concen: 47.396 ng

RT: 17.57 min Scan# 2465

Delta R.T. -0.02 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

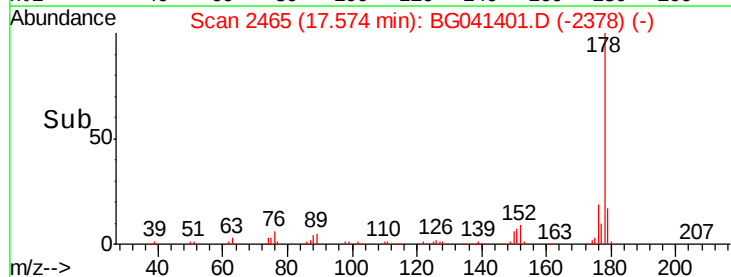
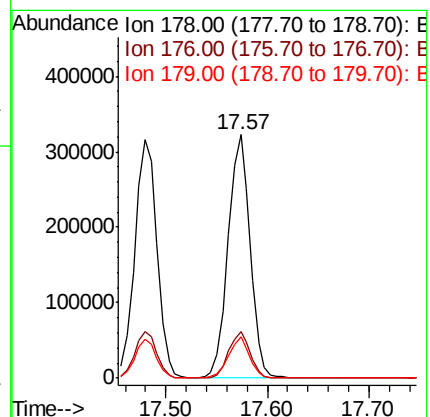
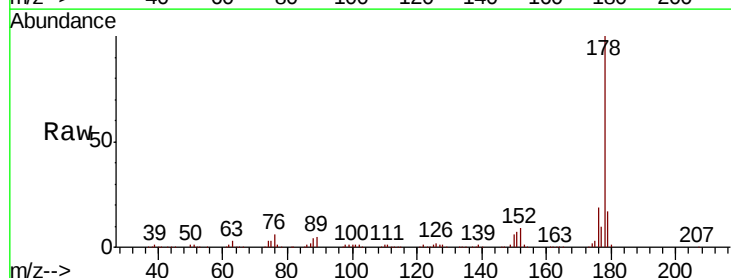
Tgt Ion:178 Resp: 486549

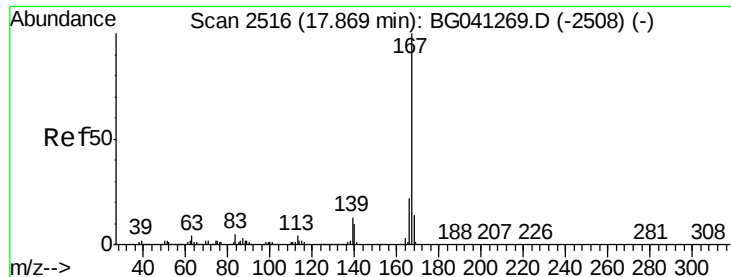
Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 16.8 13.0 19.4

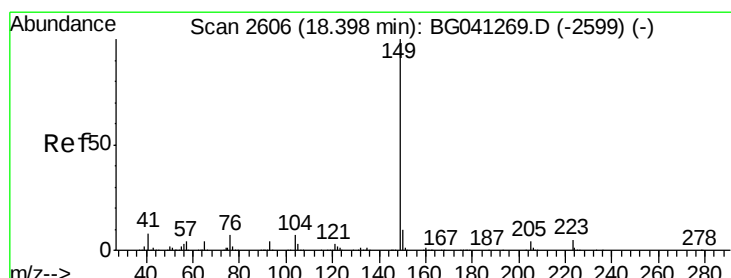
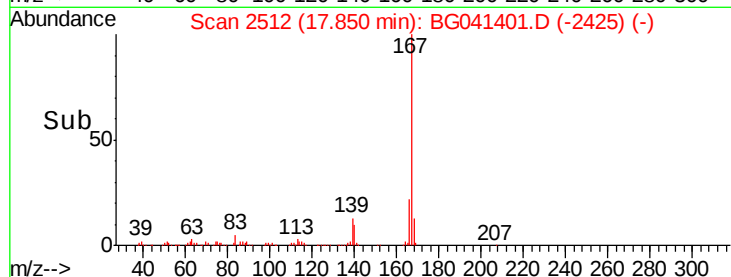
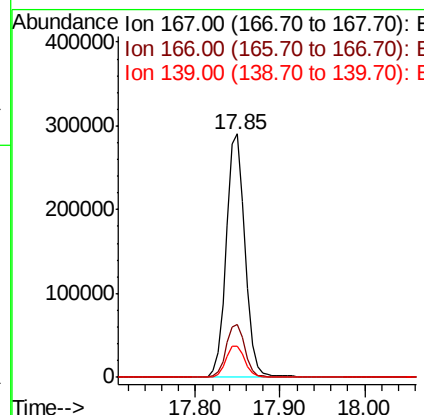
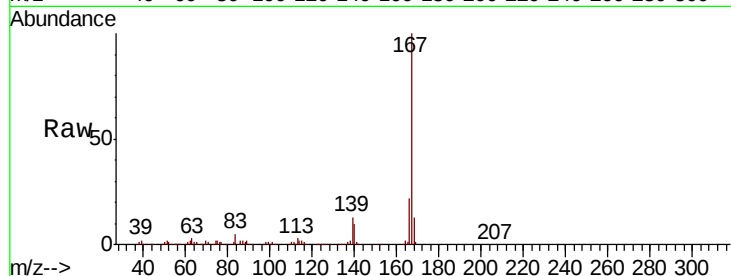




#73
 Carbazole
 Concen: 49.861 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.02 min
 Lab File: BG041401.D
 Acq: 22 Jun 2019 13:48

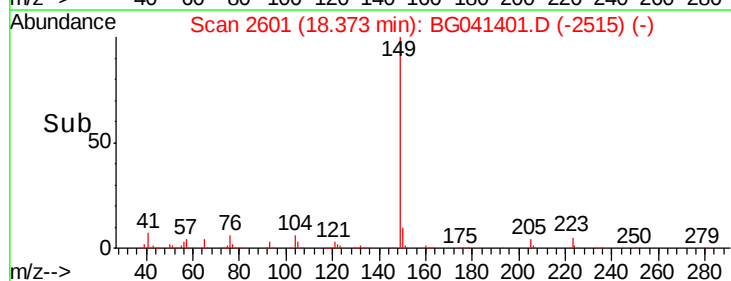
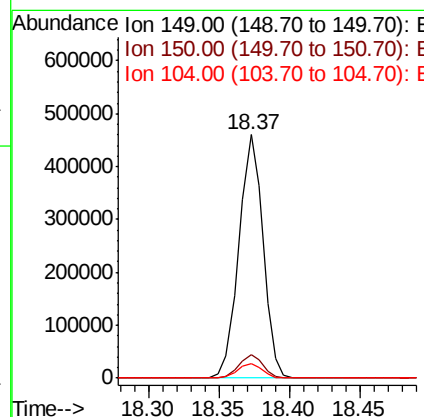
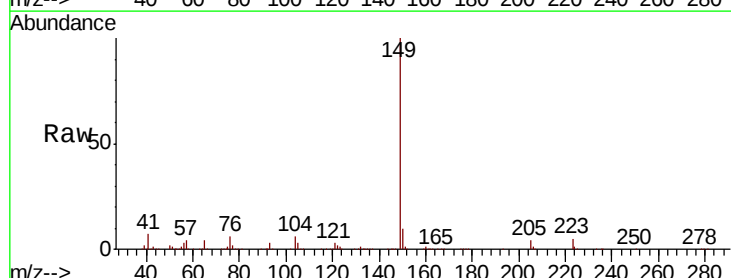
Instrument :
 BNA_G
 ClientSampleId :
 PB120652BS

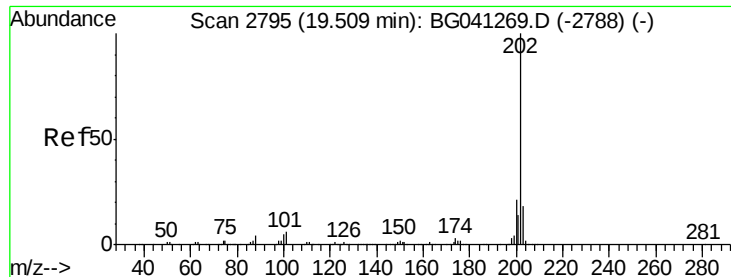
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.9	26.9
139	12.9	10.7	16.1



#74
 Di-n-butylphthalate
 Concen: 48.926 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.03 min
 Lab File: BG041401.D
 Acq: 22 Jun 2019 13:48

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.1	12.1
104	6.2	5.4	8.0





#75

Fluoranthene

Concen: 49.211 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.03 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

Instrument :

BNA_G

ClientSampleId :

PB120652BS

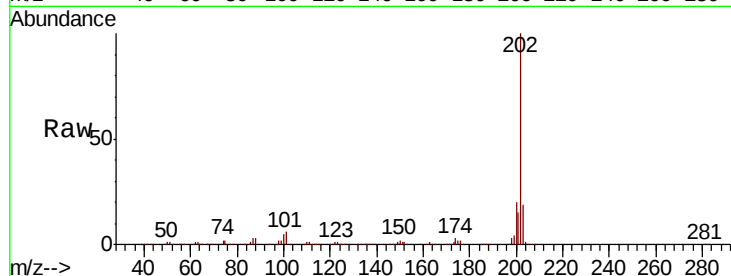
Tot Ion:202 Resp: 680759

Ion Ratio Lower Upper

202 100

101 5.6 0.0 26.0

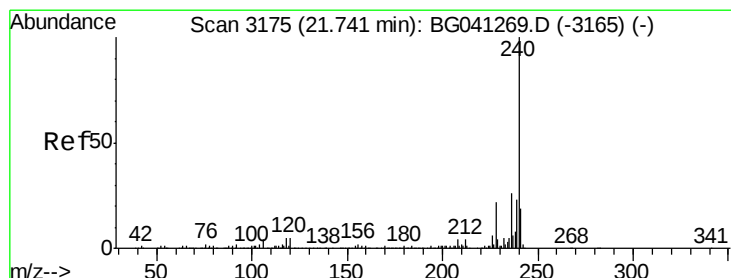
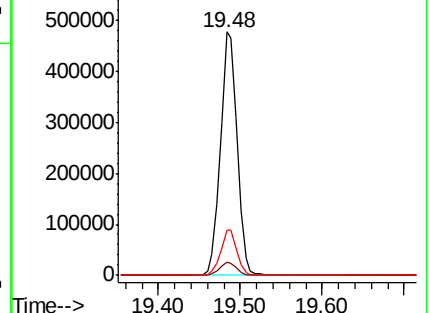
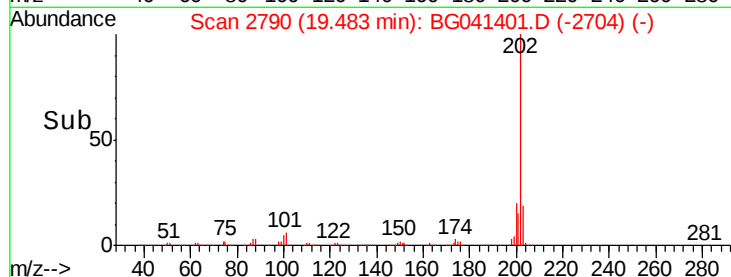
203 18.5 0.0 37.7



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.03 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

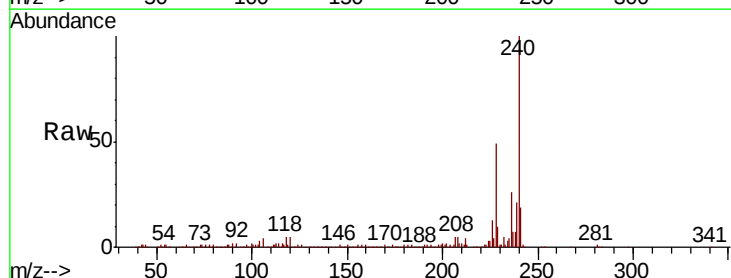
Tgt Ion:240 Resp: 224091

Ion Ratio Lower Upper

240 100

120 5.3 3.7 5.5

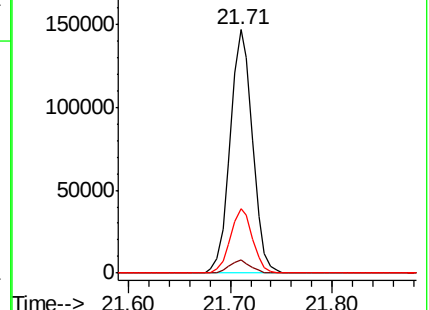
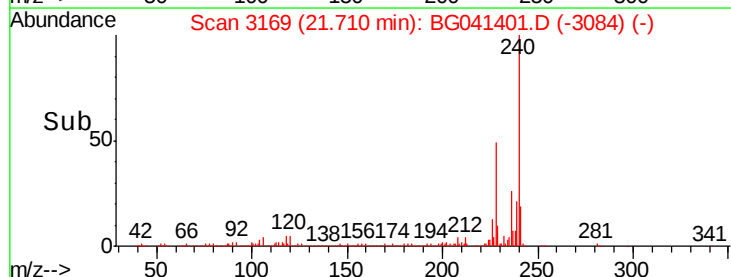
236 26.2 21.1 31.7

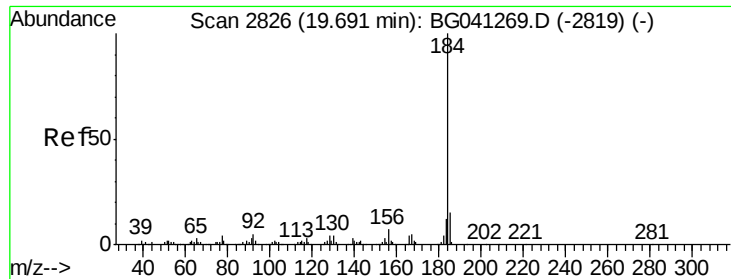


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.258 ng

RT: 19.67 min Scan# 2822

Delta R.T. -0.02 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

Instrument :

BNA_G

ClientSampleId :

PB120652BS

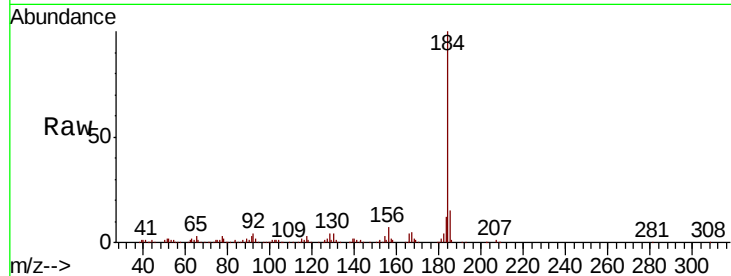
Tot Ion:184 Resp: 196525

Ion Ratio Lower Upper

184 100

185 15.4 12.2 18.2

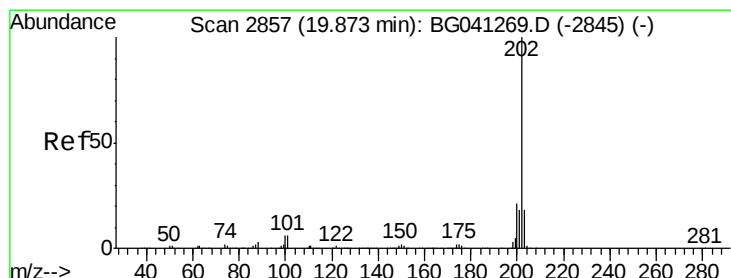
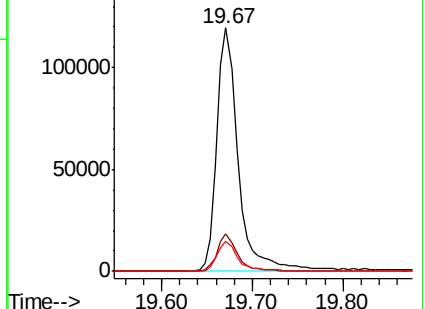
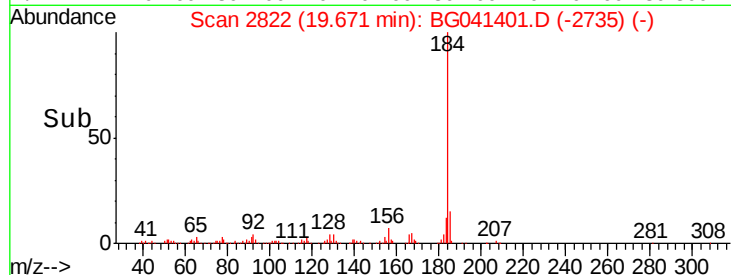
183 12.3 9.6 14.4



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: 44.869 ng

RT: 19.85 min Scan# 2852

Delta R.T. -0.03 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

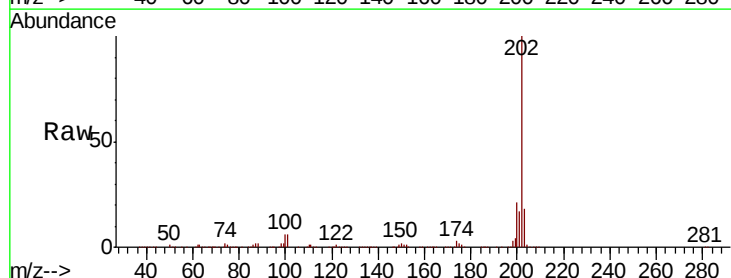
Tgt Ion:202 Resp: 678097

Ion Ratio Lower Upper

202 100

200 21.2 16.8 25.2

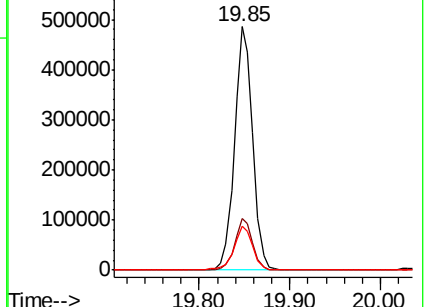
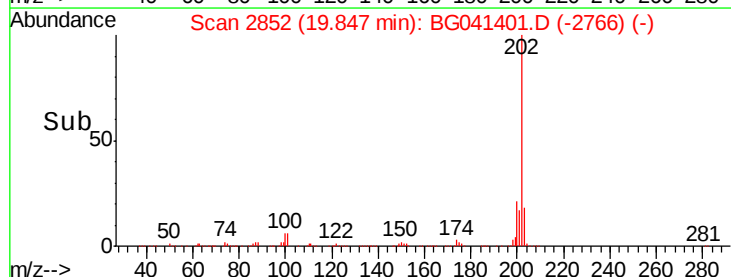
203 18.3 14.6 21.8

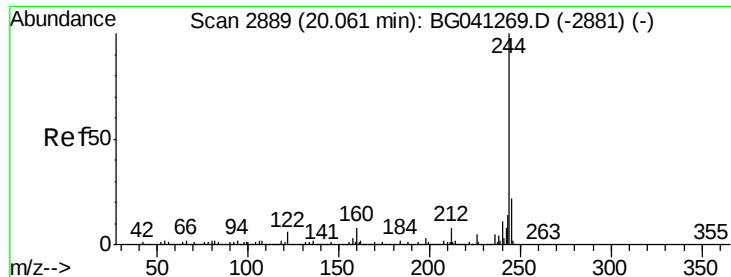


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.196 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.03 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

Instrument :

BNA_G

ClientSampled :

PB120652BS

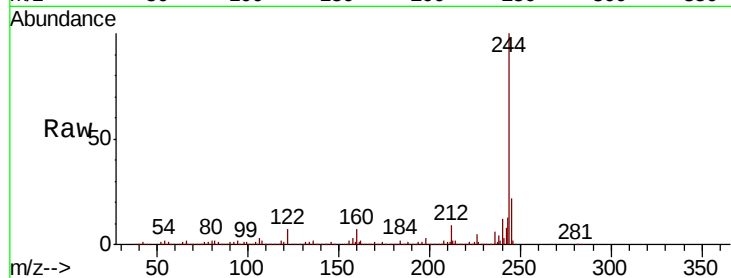
Tot Ion:244 Resp: 1019892

Ion Ratio Lower Upper

244 100

212 8.6 6.6 10.0

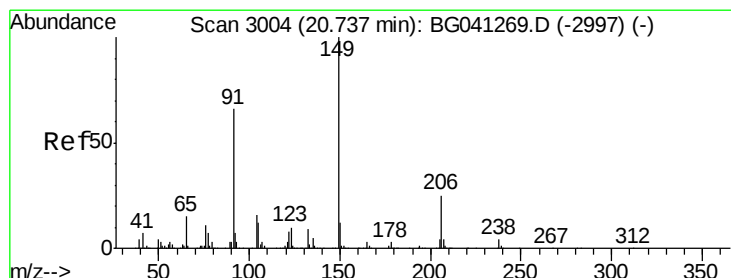
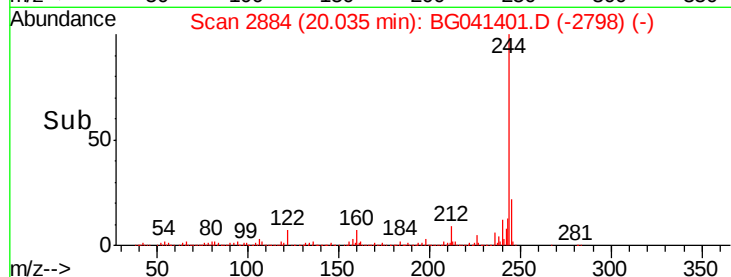
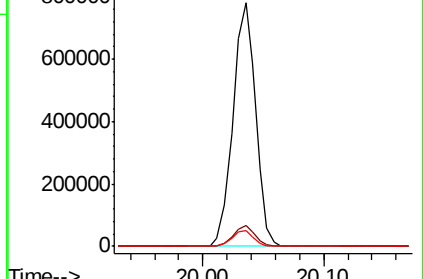
122 6.6 5.0 7.4



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: 46.473 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.03 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

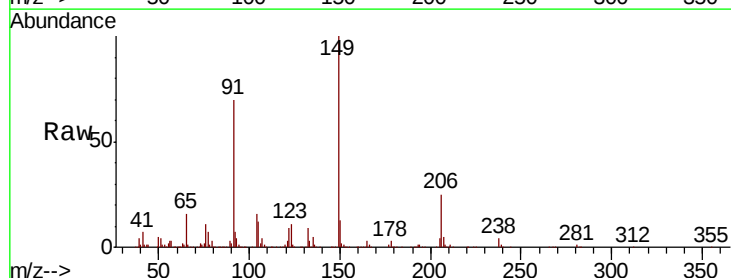
Tgt Ion:149 Resp: 265656

Ion Ratio Lower Upper

149 100

91 69.6 53.2 79.8

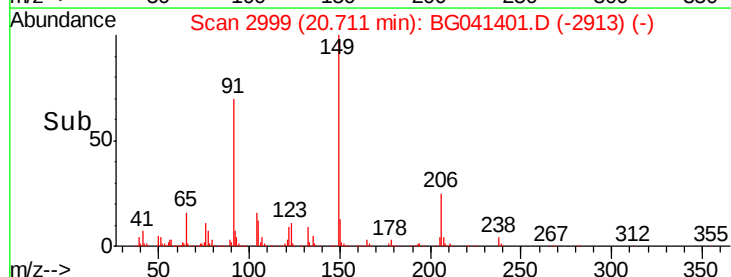
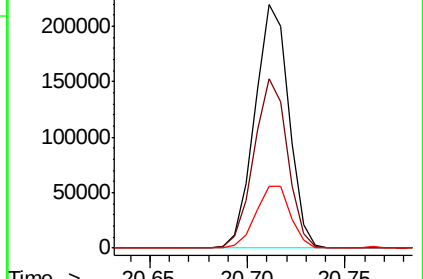
206 25.3 20.3 30.5

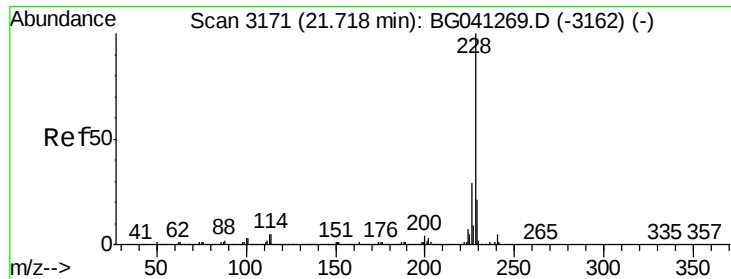


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.409 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.03 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

Instrument :

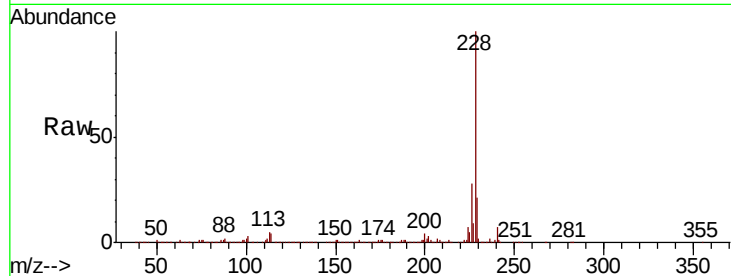
BNA_G

ClientSampleId :

PB120652BS

Tot Ion:228 Resp: 673816

Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.2	34.8
229	20.7	16.8	25.2

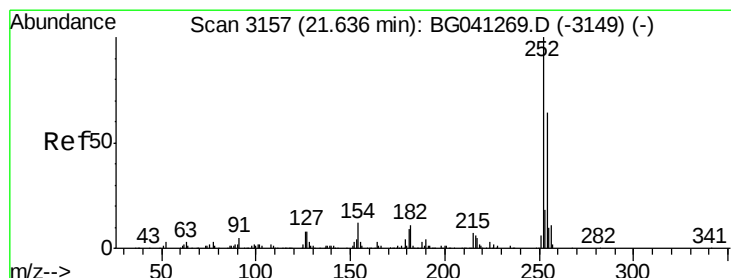
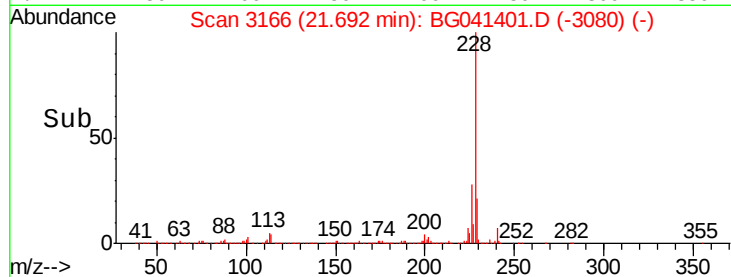
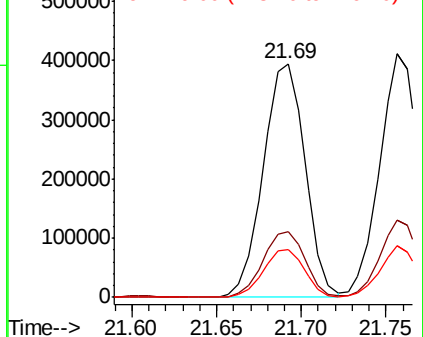


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 31.704 ng

RT: 21.60 min Scan# 3151

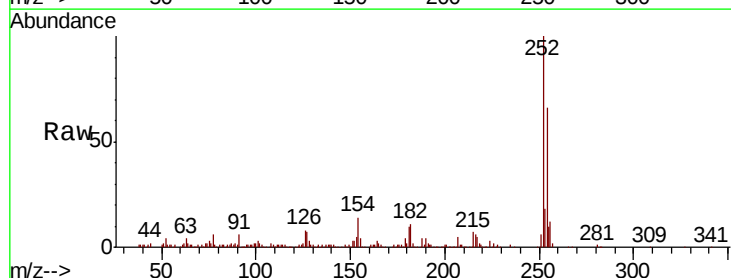
Delta R.T. -0.03 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

Tgt Ion:252 Resp: 168866

Ion	Ratio	Lower	Upper
252	100		
254	66.3	51.4	77.0
126	7.6	6.0	9.0

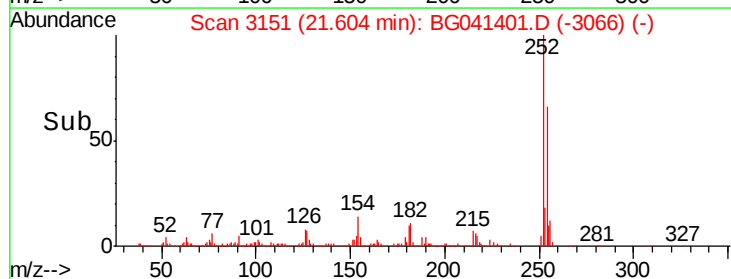
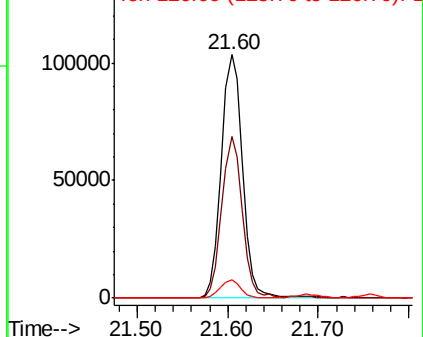


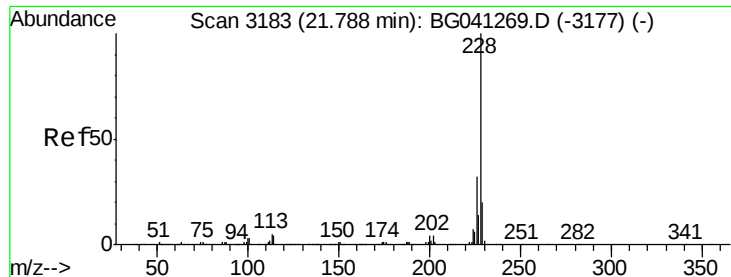
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 45.667 ng

RT: 21.76 min Scan# 3177

Delta R.T. -0.03 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

Instrument :

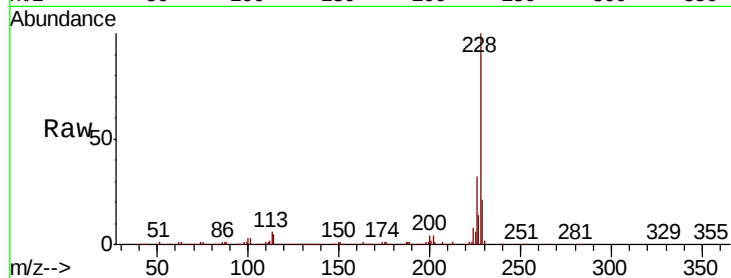
BNA_G

ClientSampleId :

PB120652BS

Tot Ion:228 Resp: 666357

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.4	38.0
229	21.0	16.2	24.2

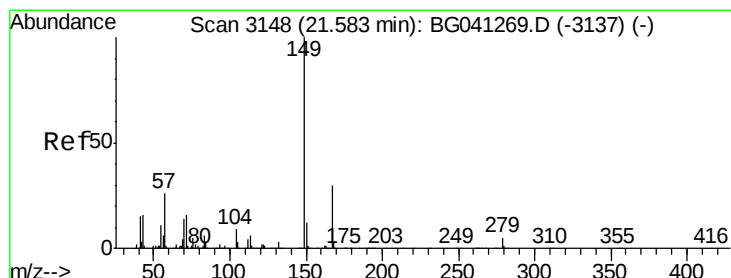
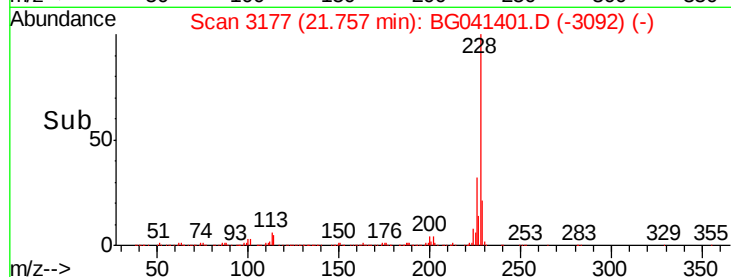
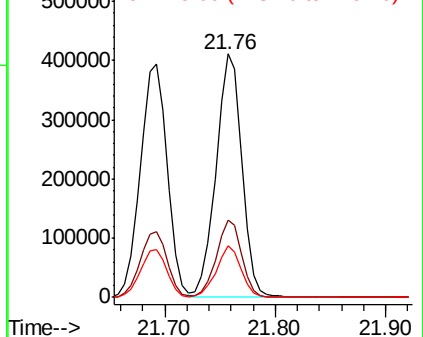


Abundance

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: 47.912 ng

RT: 21.55 min Scan# 3142

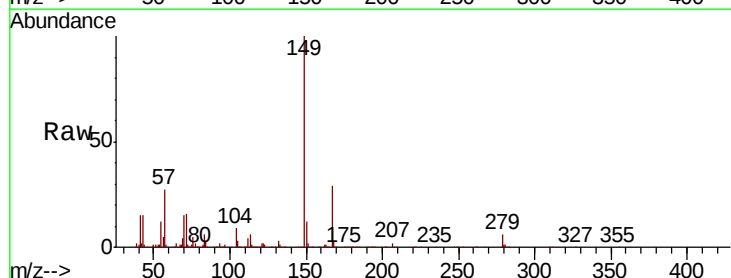
Delta R.T. -0.03 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

Tgt Ion:149 Resp: 373245

Ion	Ratio	Lower	Upper
149	100		
167	28.6	23.8	35.8
279	6.0	4.4	6.6

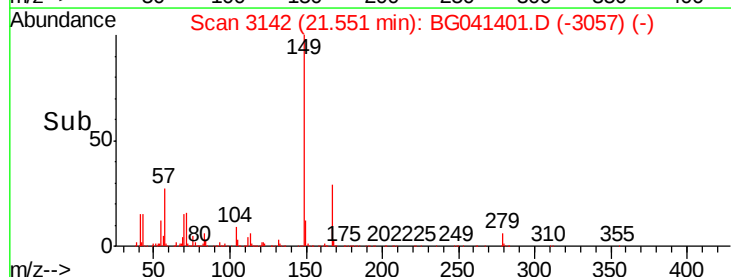
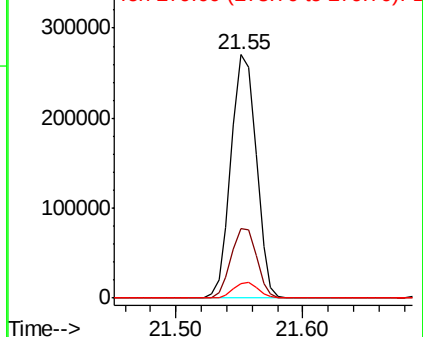


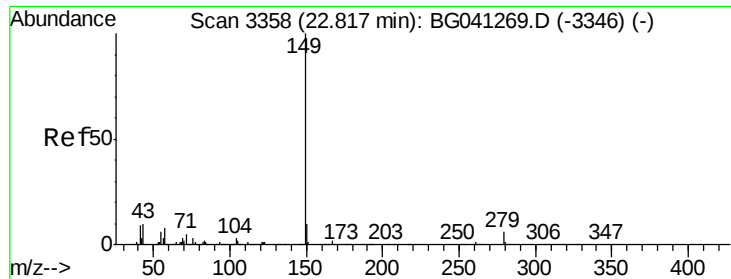
Abundance

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: 48.611 ng

RT: 22.78 min Scan# 3351

Delta R.T. -0.04 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

Instrument :

BNA_G

ClientSampleId :

PB120652BS

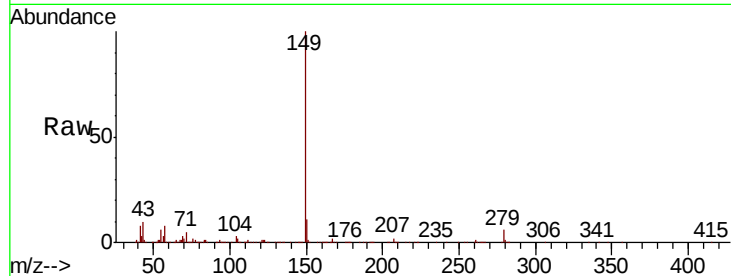
Tot Ion:149 Resp: 640688

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

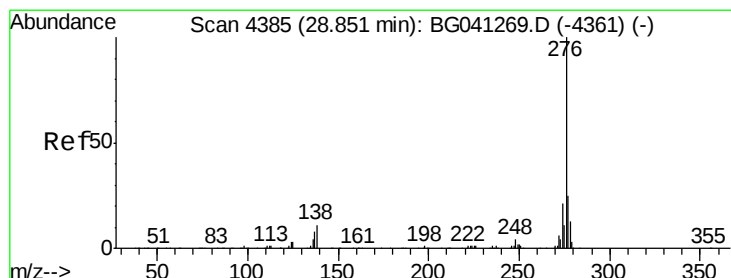
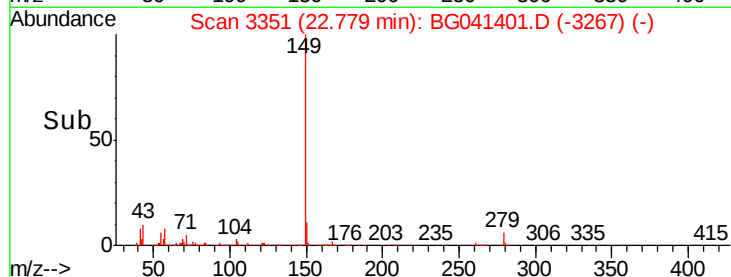
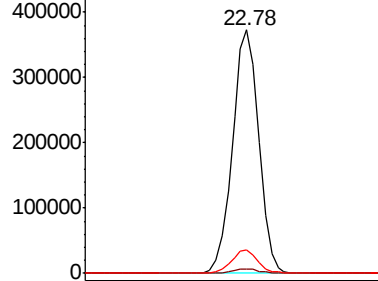
43 9.4 8.2 12.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.484 ng

RT: 28.79 min Scan# 4374

Delta R.T. -0.06 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

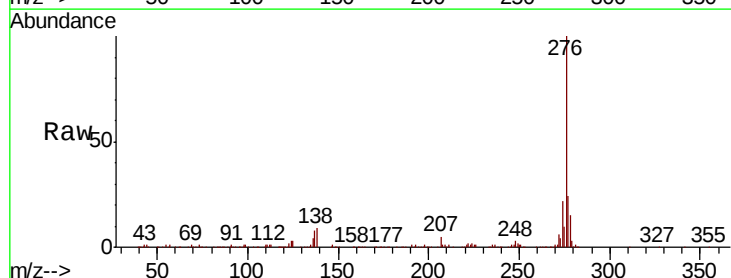
Tgt Ion:276 Resp: 804722

Ion Ratio Lower Upper

276 100

138 12.3 7.7 11.5#

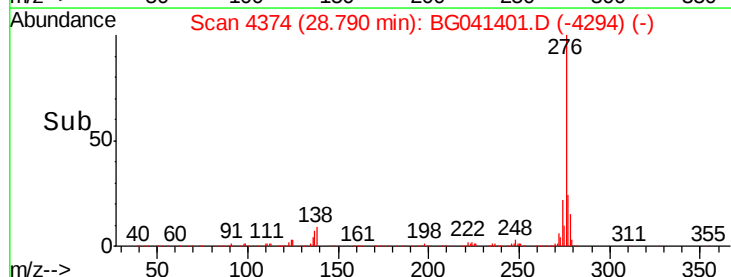
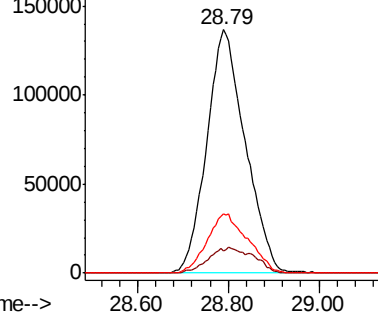
277 25.8 20.6 31.0

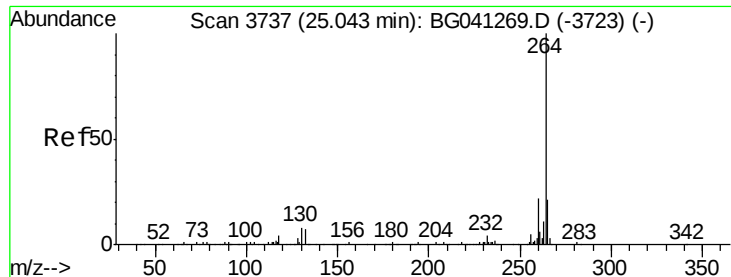


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.00 min Scan# 3729

Delta R.T. -0.04 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

Instrument :

BNA_G

ClientSampleId :

PB120652BS

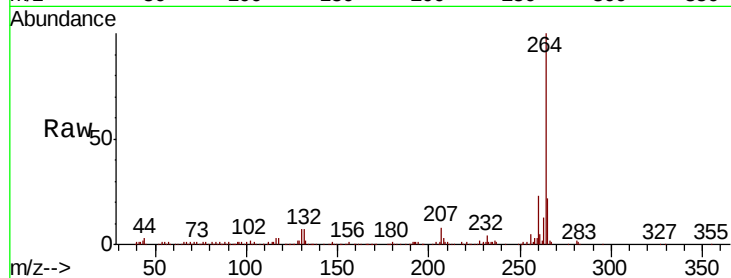
Tot Ion:264 Resp: 219115

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.2
265	22.0	17.2	25.8

264 100

260 22.8 17.4 26.2

265 22.0 17.2 25.8

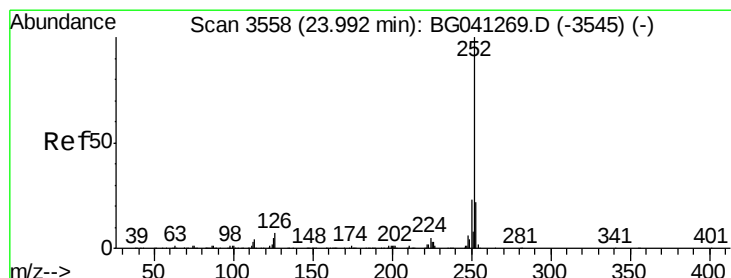
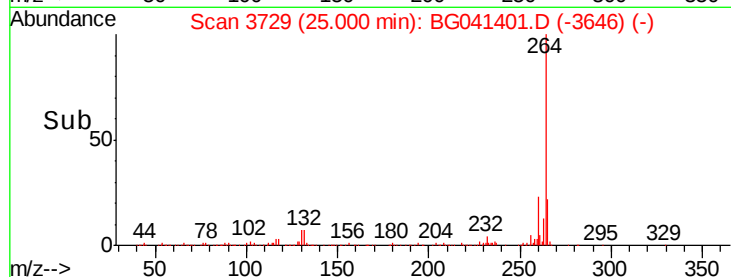
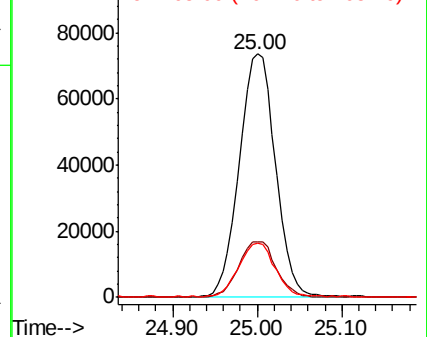


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 50.521 ng

RT: 23.95 min Scan# 3551

Delta R.T. -0.04 min

Lab File: BG041401.D

Acq: 22 Jun 2019 13:48

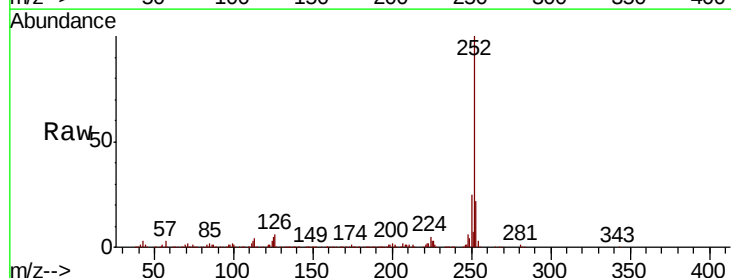
Tgt Ion:252 Resp: 686043

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	4.6	3.9	5.9

252 100

253 22.3 17.4 26.0

125 4.6 3.9 5.9

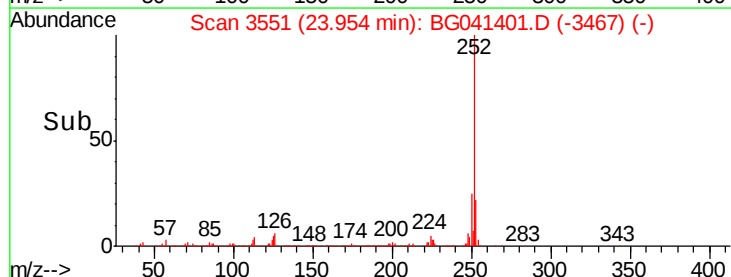
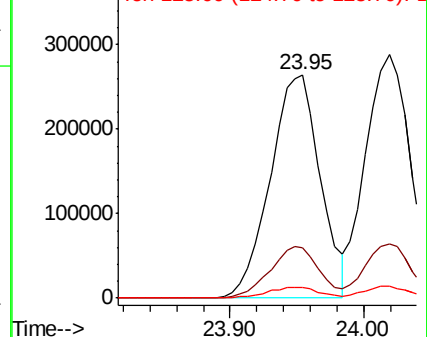


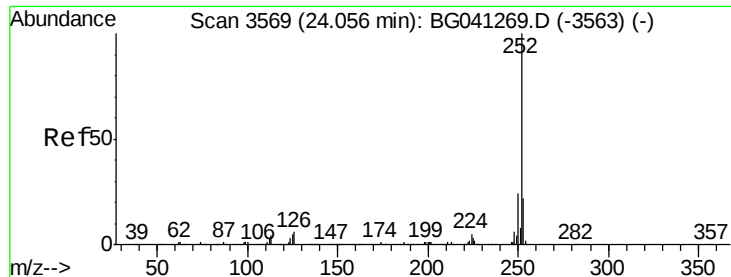
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

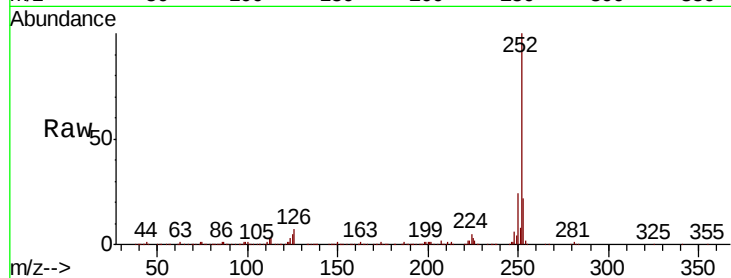




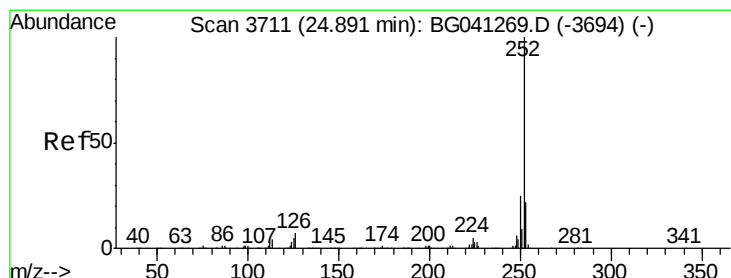
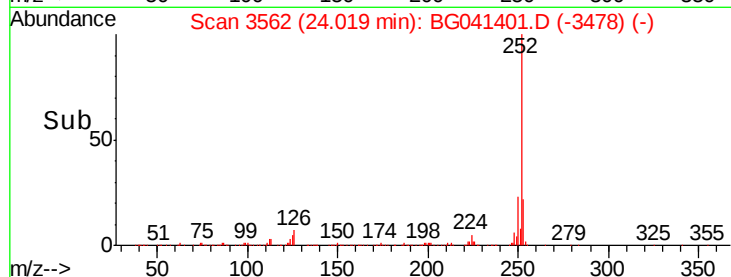
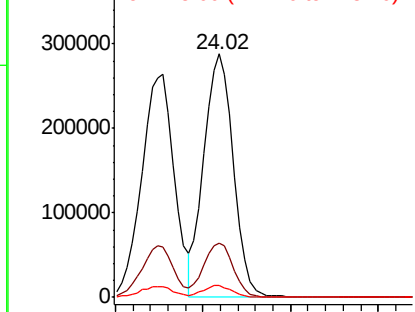
#89
Benzo(k)fluoranthene
Concen: 50.190 ng
RT: 24.02 min Scan# 3562
Delta R.T. -0.04 min
Lab File: BG041401.D
Acq: 22 Jun 2019 13:48

Instrument :
BNA_G
ClientSampleId :
PB120652BS

Tot Ion:252 Resp: 675163
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 4.9 4.3 6.5

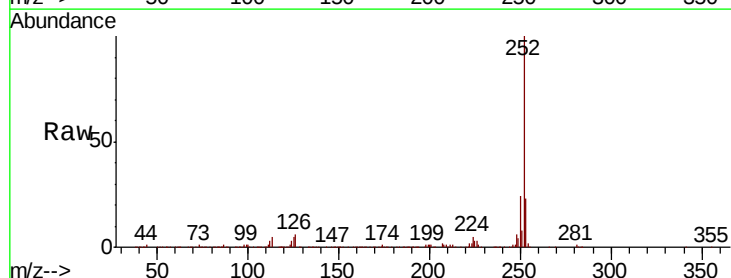


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

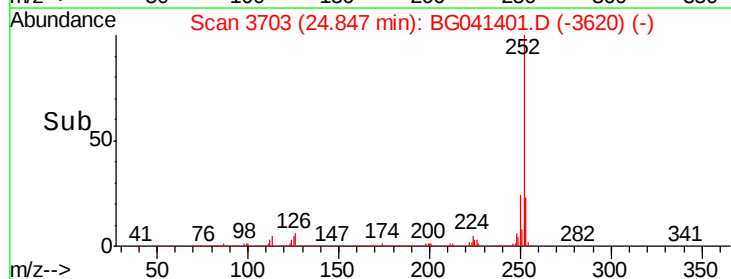
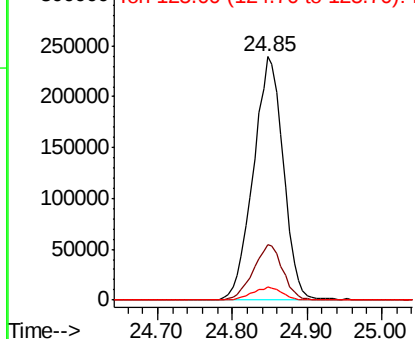


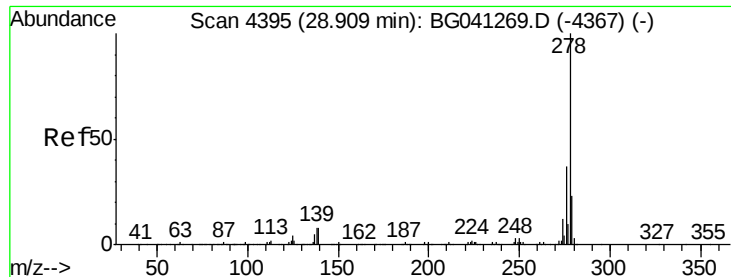
#90
Benzo(a)pyrene
Concen: 52.047 ng
RT: 24.85 min Scan# 3703
Delta R.T. -0.04 min
Lab File: BG041401.D
Acq: 22 Jun 2019 13:48

Tgt Ion:252 Resp: 667480
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 5.3 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



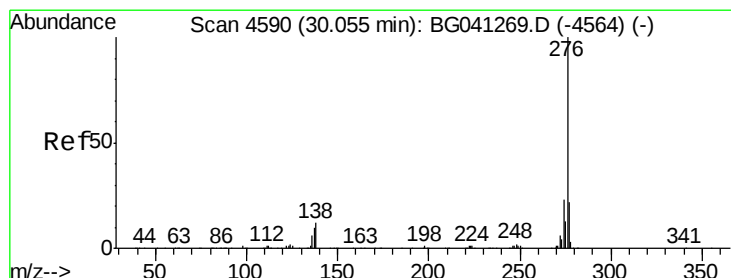
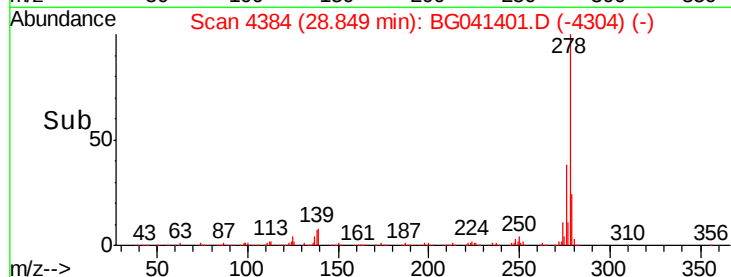
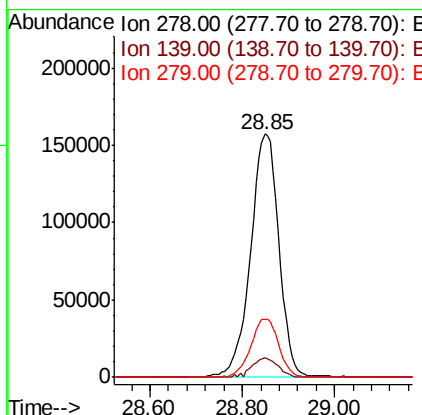
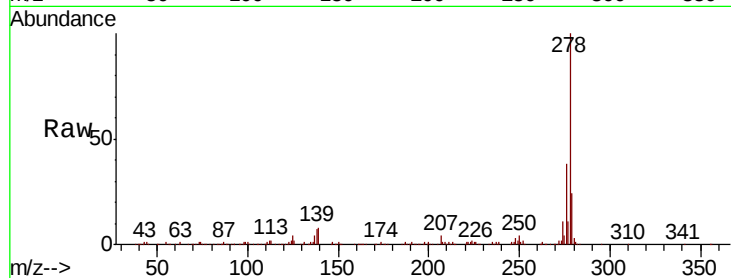


#91
Dibenzo(a,h)anthracene
Concen: 51.947 ng
RT: 28.85 min Scan# 4384
Delta R.T. -0.06 min
Lab File: BG041401.D
Acq: 22 Jun 2019 13:48

Instrument :
BNA_G
ClientSampleId :
PB120652BS

Tot Ion:278 Resp: 670692

Ion	Ratio	Lower	Upper
278	100		
139	8.1	6.6	10.0
279	24.0	18.5	27.7



#92
Benzo(g,h,i)perylene
Concen: 52.595 ng
RT: 29.99 min Scan# 4579
Delta R.T. -0.06 min
Lab File: BG041401.D
Acq: 22 Jun 2019 13:48

Tgt Ion:276 Resp: 671085

Ion	Ratio	Lower	Upper
276	100		
277	23.0	17.9	26.9
138	10.3	9.4	14.0

