

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041919\
 Data File : BG040573.D
 Acq On : 19 Apr 2019 22:18
 Operator : JU/SJ
 Sample : PB119049BSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119049BSD

Quant Time: Apr 19 23:13:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 13 00:33:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	75253	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	441888	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	193498	20.00	ng	-0.01
64) Phenanthrene-d10	17.41	188	449438	20.00	ng	0.00
76) Chrysene-d12	21.69	240	484524	20.00	ng	-0.01
87) Perylene-d12	24.96	264	394876	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	350338	77.39	ng	-0.01
7) Phenol-d6	7.19	99	508544	81.29	ng	0.00
23) Nitrobenzene-d5	9.21	82	506897	60.97	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	176301	84.31	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1024794	78.48	ng	-0.01
79) Terphenyl-d14	20.02	244	1601503	74.36	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.49	88	82448	38.735	ng	99
3) Pyridine	3.90	79	233644	40.769	ng	98
4) n-Nitrosodimethylamine	3.81	42	110804	41.797	ng	# 93
6) Aniline	7.36	93	292755	36.018	ng	99
8) 2-Chlorophenol	7.60	128	207958	39.245	ng	94
9) Benzaldehyde	7.18	77	94959	22.128	ng	98
10) Phenol	7.22	94	277255	40.830	ng	96
11) bis(2-Chloroethyl)ether	7.46	93	214365	39.415	ng	97
12) 1,3-Dichlorobenzene	7.92	146	224439	38.963	ng	93
13) 1,4-Dichlorobenzene	8.07	146	240577	41.933	ng	98
14) 1,2-Dichlorobenzene	8.38	146	219275	39.967	ng	99
15) Benzyl Alcohol	8.28	79	200274	39.751	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	415106	39.769	ng	99
17) 2-Methylphenol	8.47	107	187305	39.862	ng	97
18) Hexachloroethane	9.11	117	84242	38.602	ng	98
19) n-Nitroso-di-n-propylamine	8.84	70	194324	43.323	ng	98
20) 3+4-Methylphenols	8.80	107	296665	46.605	ng	97
22) Acetophenone	8.86	105	340907	30.927	ng	99
24) Nitrobenzene	9.25	77	256243	29.765	ng	96
25) Isophorone	9.77	82	683657	39.967	ng	99
26) 2-Nitrophenol	9.96	139	173498	42.532	ng	97
27) 2,4-Dimethylphenol	10.01	122	266828	41.180	ng	97
28) bis(2-Chloroethoxy)methane	10.25	93	432156	42.703	ng	99
29) 2,4-Dichlorophenol	10.49	162	307039	43.656	ng	97
30) 1,2,4-Trichlorobenzene	10.71	180	323229	41.855	ng	99
31) Naphthalene	10.90	128	969356	42.797	ng	99
32) Benzoic acid	10.18	122	116583	29.779	ng	93
33) 4-Chloroaniline	11.01	127	409962	42.433	ng	100
34) Hexachlorobutadiene	11.16	225	191045	38.681	ng	96
35) Caprolactam	11.81	113	45359	16.252	ng	91
36) 4-Chloro-3-methylphenol	12.13	107	248582	30.745	ng	98
37) 2-Methylnaphthalene	12.50	142	508428	30.351	ng	99
38) 1-Methylnaphthalene	12.71	142	481779	29.659	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	259209	42.147	ng	98

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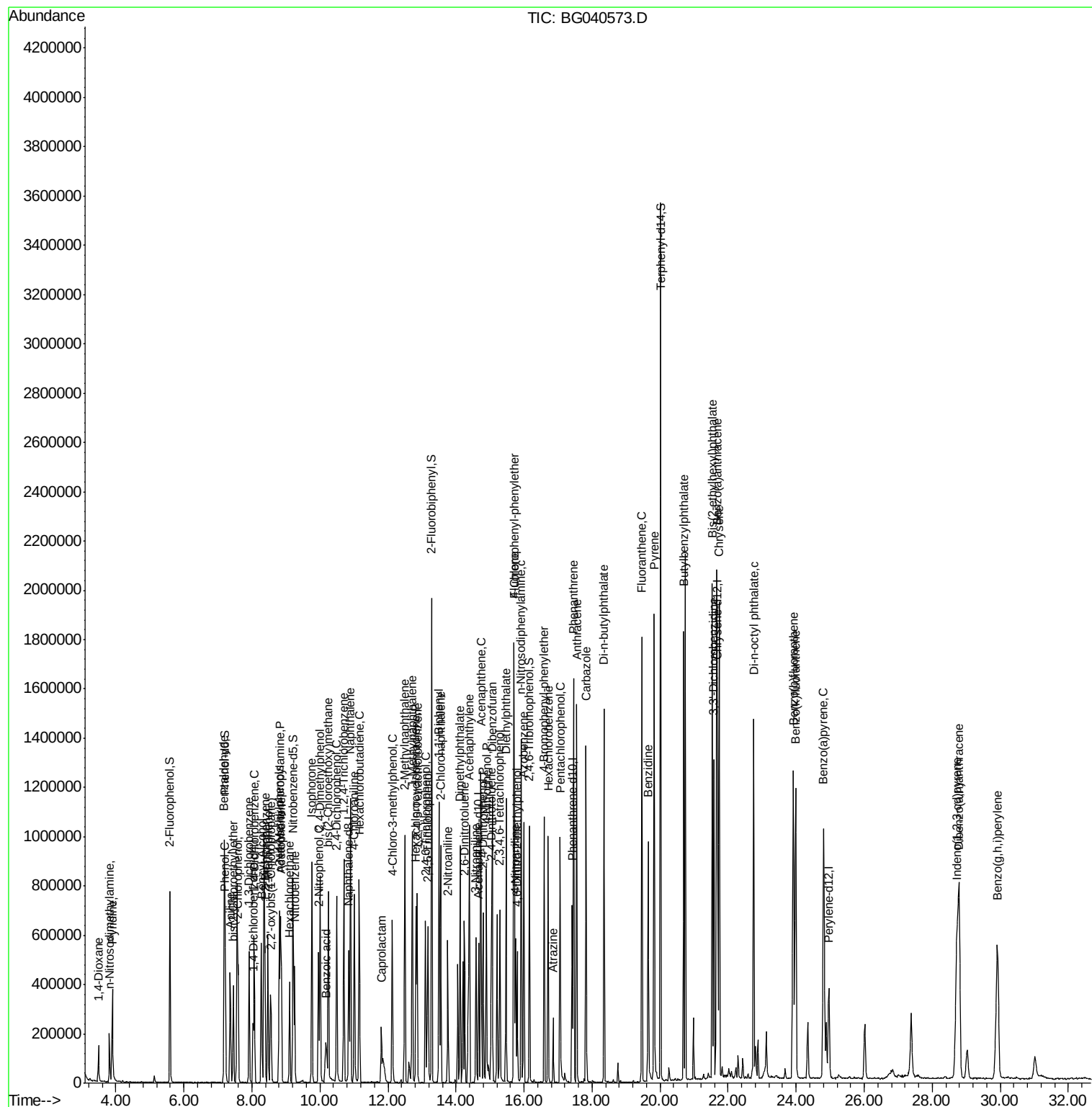
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	214271	63.453	ng	97
43) 2,4,6-Trichlorophenol	13.10	196	164649	41.524	ng	95
44) 2,4,5-Trichlorophenol	13.18	196	172675	39.954	ng	97
46) 1,1'-Biphenyl	13.50	154	626361	40.968	ng	99
47) 2-Chloronaphthalene	13.55	162	484742	41.334	ng	99
48) 2-Nitroaniline	13.76	65	174917	44.218	ng	94
49) Acenaphthylene	14.39	152	780355	39.246	ng	99
50) Dimethylphthalate	14.12	163	623476	41.170	ng	99
51) 2,6-Dinitrotoluene	14.25	165	145602	42.820	ng	98
52) Acenaphthene	14.73	154	469064	41.169	ng	97
53) 3-Nitroaniline	14.59	138	151841	42.185	ng	92
54) 2,4-Dinitrophenol	14.79	184	172408	95.338	ng	96
55) Dibenzofuran	15.06	168	761838	41.612	ng	98
56) 4-Nitrophenol	14.89	139	235098	80.929	ng	95
57) 2,4-Dinitrotoluene	15.04	165	203696	43.112	ng	94
58) Fluorene	15.71	166	601920	41.817	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.29	232	156806	39.982	ng	99
60) Diethylphthalate	15.47	149	648547	41.851	ng	100
61) 4-Chlorophenyl-phenylether	15.70	204	319088	41.472	ng	97
62) 4-Nitroaniline	15.75	138	169878	43.979	ng	95
63) Azobenzene	15.99	77	612387	41.894	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	118868	47.076	ng	95
66) n-Nitrosodiphenylamine	15.92	169	550962	41.892	ng	99
67) 4-Bromophenyl-phenylether	16.59	248	209179	41.358	ng	96
68) Hexachlorobenzene	16.71	284	213036	41.892	ng	99
69) Atrazine	16.86	200	48042	9.820	ng	94
70) Pentachlorophenol	17.06	266	201151	68.418	ng	95
71) Phenanthrene	17.46	178	993426	42.053	ng	99
72) Anthracene	17.54	178	997027	42.166	ng	99
73) Carbazole	17.82	167	951363	42.515	ng	99
74) Di-n-butylphthalate	18.35	149	1115303	42.047	ng	100
75) Fluoranthene	19.47	202	1181510	42.238	ng	99
77) Benzidine	19.65	184	607621	34.728	ng	99
78) Pyrene	19.82	202	1176859	36.935	ng	98
80) Butylbenzylphthalate	20.69	149	544526	39.937	ng	99
81) Benzo(a)anthracene	21.66	228	1235171	41.388	ng	99
82) 3,3'-Dichlorobenzidine	21.58	252	468712	41.286	ng	99
83) Chrysene	21.74	228	1209493	42.169	ng	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	803261	41.214	ng	100
85) Di-n-octyl phthalate	22.75	149	1318108	39.694	ng	98
86) Indeno(1,2,3-cd)pyrene	28.73	276	1364860	38.907	ng	# 88
88) Benzo(b)fluoranthene	23.91	252	1180474	48.829	ng	99
89) Benzo(k)fluoranthene	23.98	252	1135504	51.074	ng	99
90) Benzo(a)pyrene	24.81	252	1173376	51.729	ng	99
91) Dibenzo(a,h)anthracene	28.80	278	1094706	51.963	ng	98
92) Benzo(g,h,i)perylene	29.91	276	1137767	52.551	ng	98

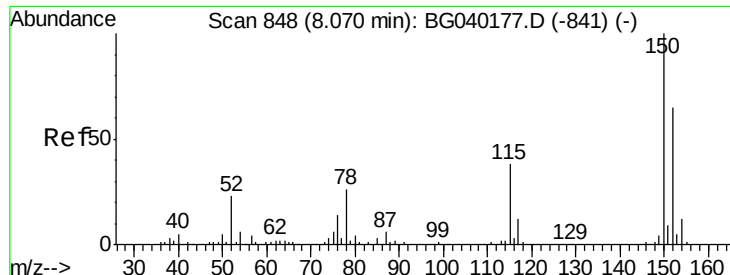
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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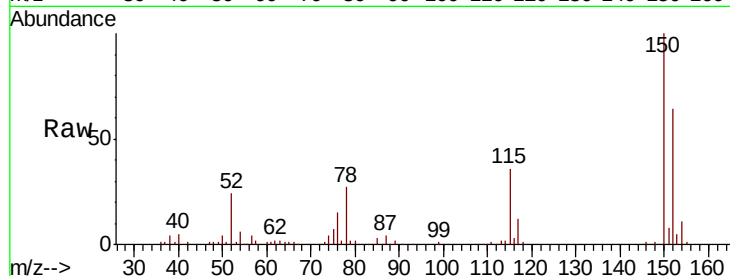


#1

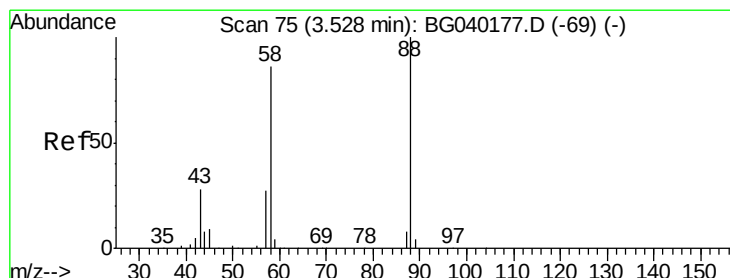
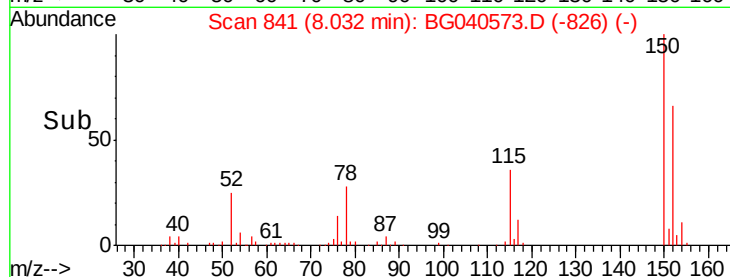
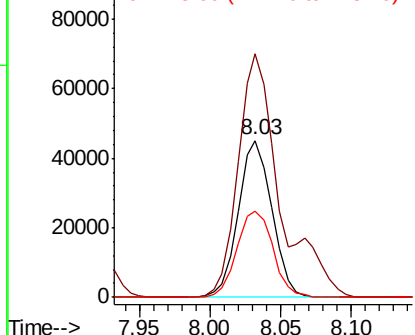
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BG040573.D
Acq: 19 Apr 2019 22:18

Instrument :
BNA_G
ClientSampleId :
PB119049BSD

Tgt Ion:152 Resp: 75253
Ion Ratio Lower Upper
152 100
150 155.1 123.7 185.5
115 55.2 46.9 70.3



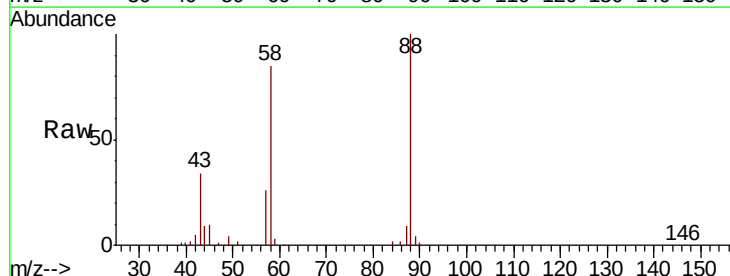
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



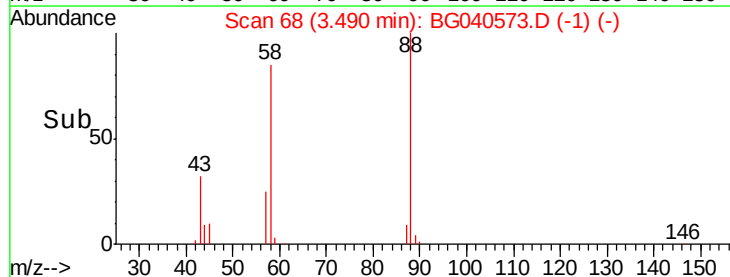
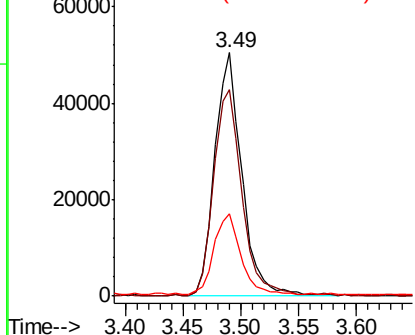
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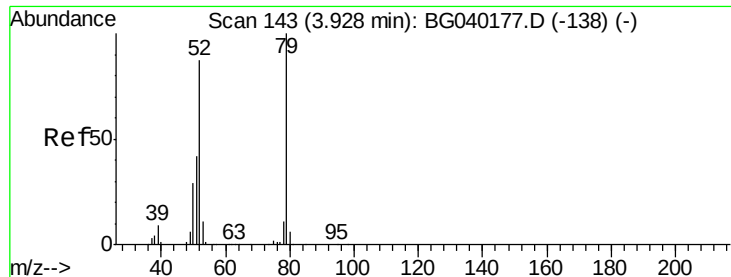
1,4-Dioxane
Concen: 38.735 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.01 min
Lab File: BG040573.D
Acq: 19 Apr 2019 22:18

Tgt Ion: 88 Resp: 82448
Ion Ratio Lower Upper
88 100
58 88.8 70.6 106.0
43 33.2 24.8 37.2



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





#3

Pyridine

Concen: 40.769 ng

RT: 3.90 min Scan# 137

Delta R.T. -0.00 min

Lab File: BG040573.D

Acq: 19 Apr 2019 22:18

Instrument :

BNA_G

ClientSampleId :

PB119049BSD

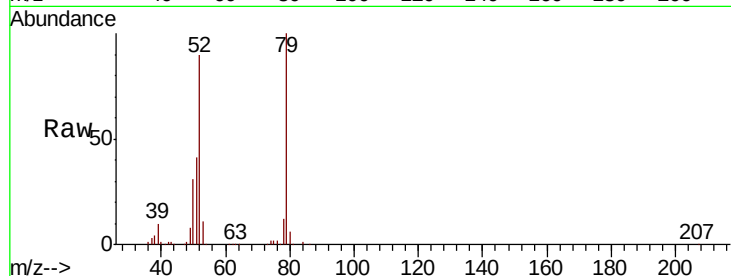
Tgt Ion: 79 Resp: 233644

Ion Ratio Lower Upper

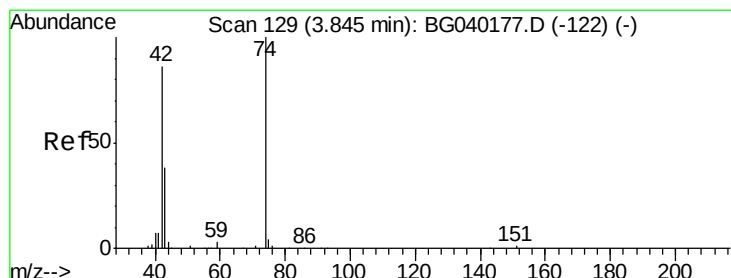
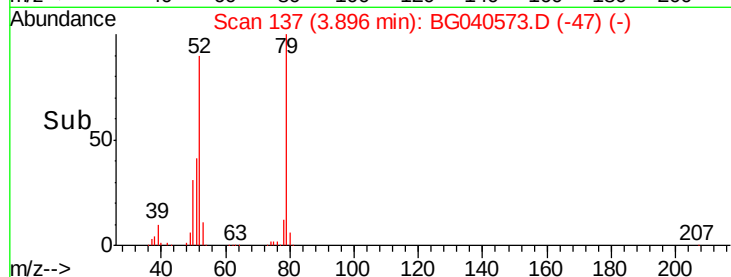
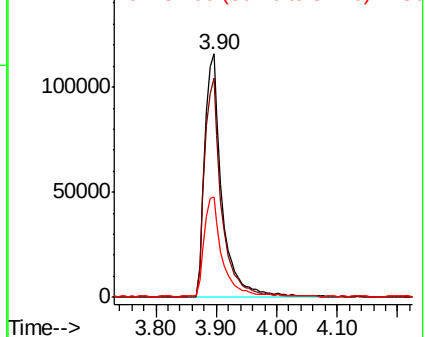
79 100

52 89.9 69.8 104.8

51 41.4 33.9 50.9



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: 41.797 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG040573.D

Acq: 19 Apr 2019 22:18

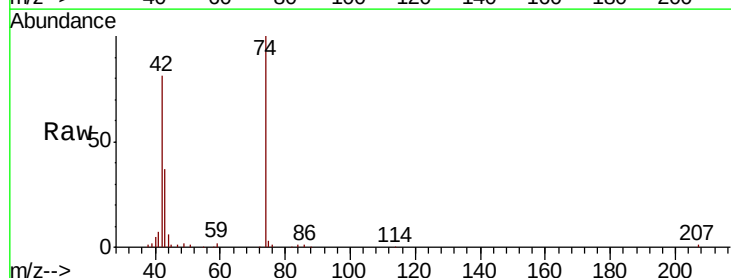
Tgt Ion: 42 Resp: 110804

Ion Ratio Lower Upper

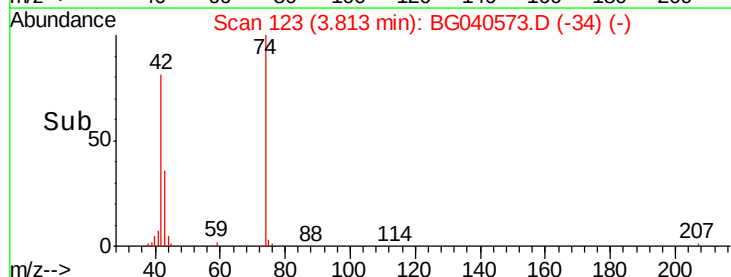
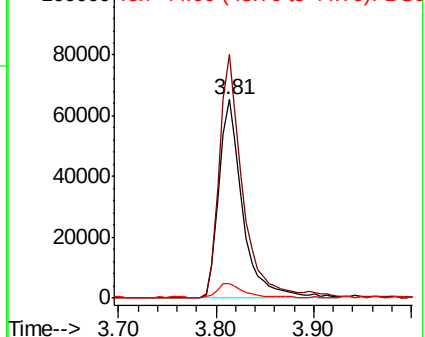
42 100

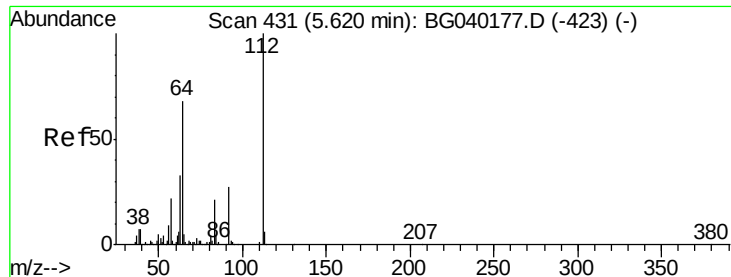
74 122.8 92.9 139.3

44 7.2 9.7 14.5#



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: 77.393 ng

RT: 5.59 min Scan# 425

Delta R.T. -0.01 min

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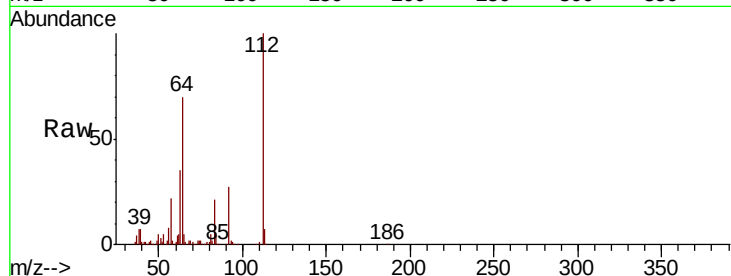
Tgt Ion: 112 Resp: 350338

Ion Ratio Lower Upper

112 100

64 69.7 54.2 81.2

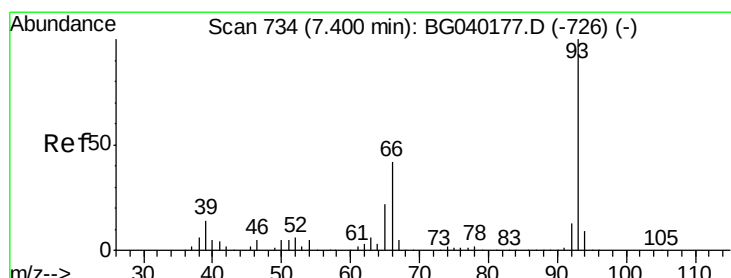
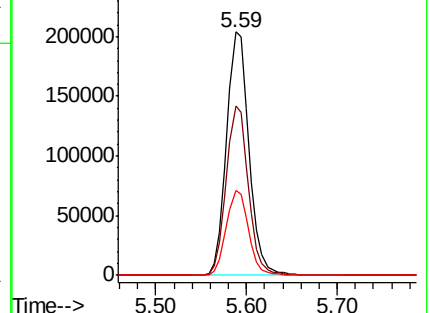
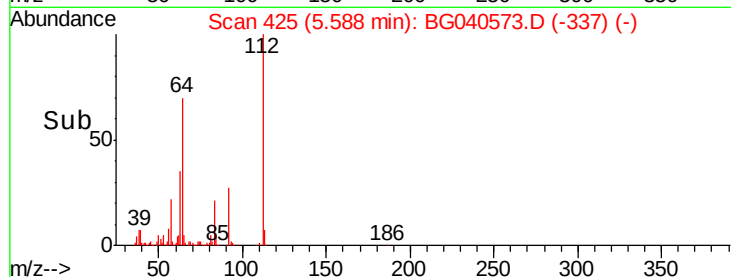
63 35.0 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 36.018 ng

RT: 7.36 min Scan# 727

Delta R.T. -0.01 min

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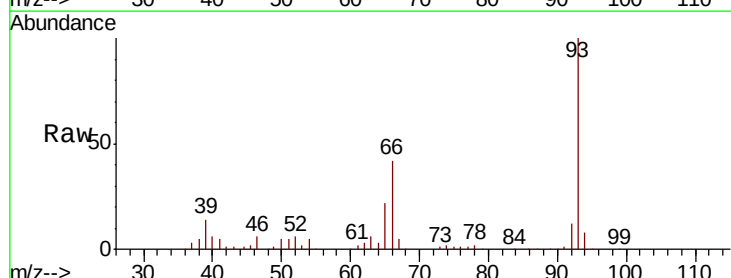
Tgt Ion: 93 Resp: 292755

Ion Ratio Lower Upper

93 100

66 42.2 33.6 50.4

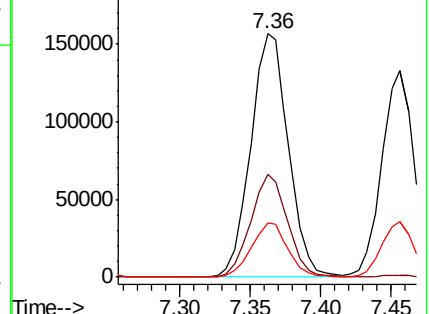
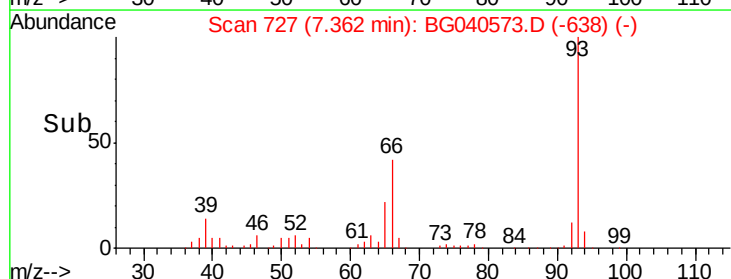
65 22.2 17.4 26.2

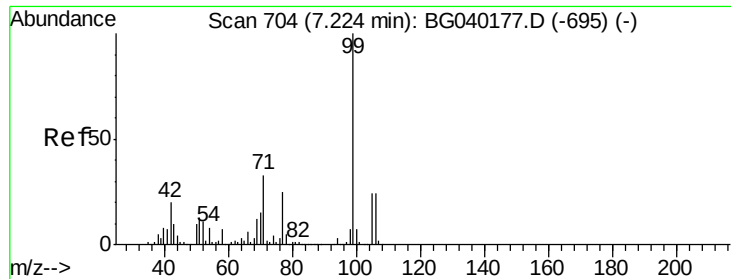


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 81.289 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

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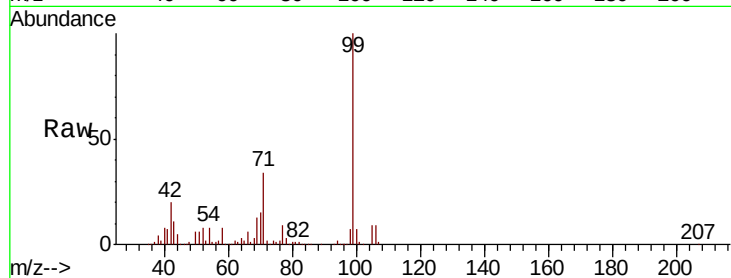
Tgt Ion: 99 Resp: 508544

Ion Ratio Lower Upper

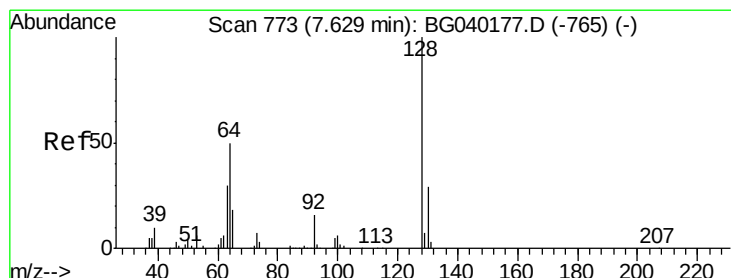
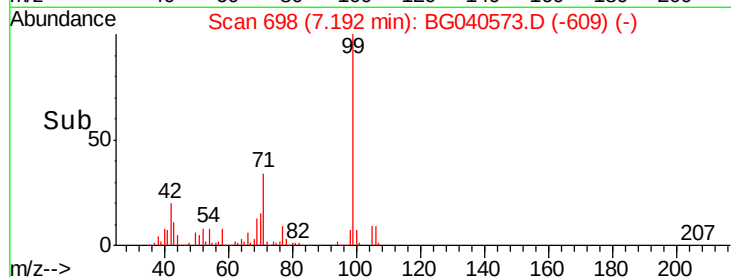
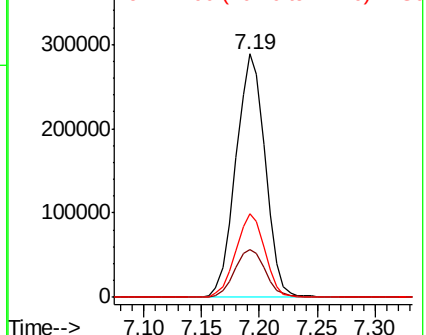
99 100

42 19.6 16.2 24.2

71 34.1 26.8 40.2



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



#8

2-Chlorophenol

Concen: 39.245 ng

RT: 7.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BG040573.D

Acq: 19 Apr 2019 22:18

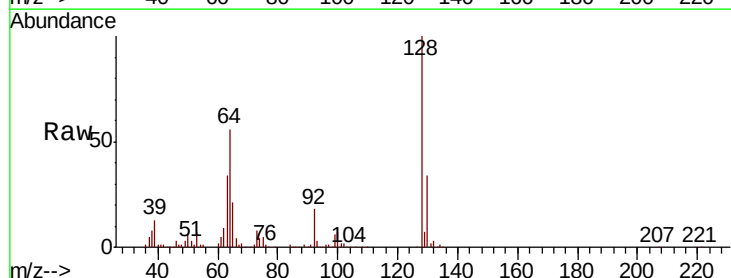
Tgt Ion: 128 Resp: 207958

Ion Ratio Lower Upper

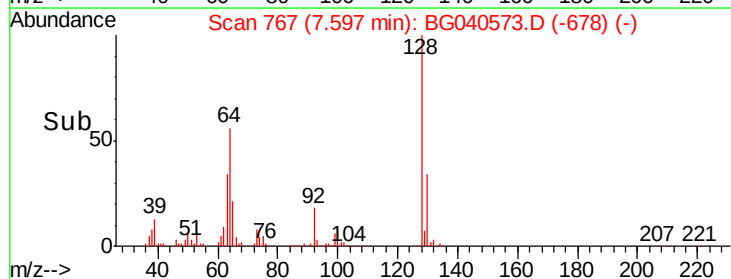
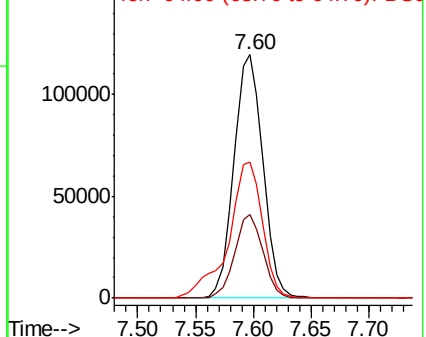
128 100

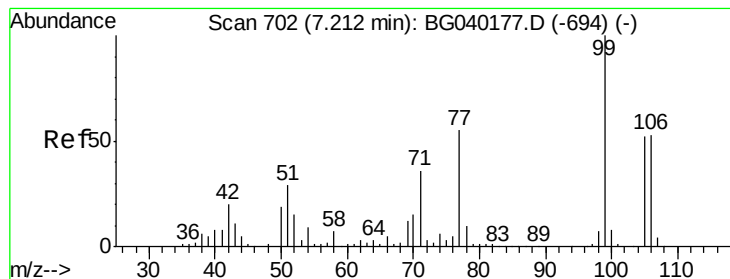
130 34.4 9.1 49.1

64 55.8 33.1 73.1



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: 22.128 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

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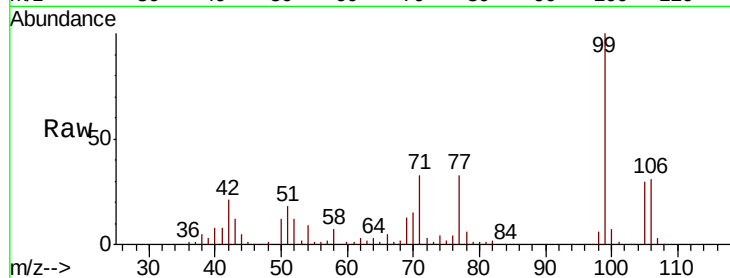
Tgt Ion: 77 Resp: 94959

Ion Ratio Lower Upper

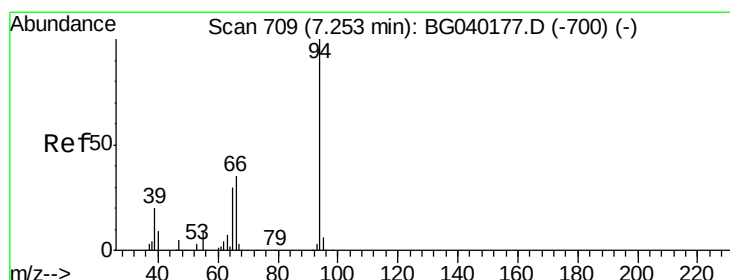
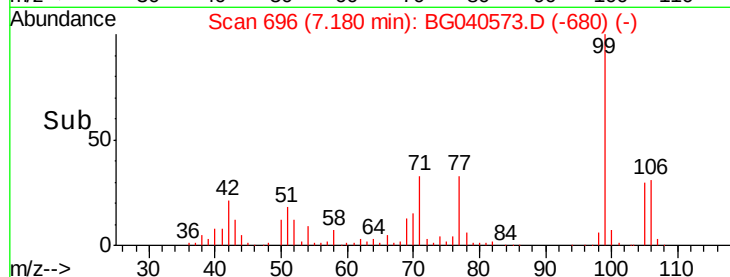
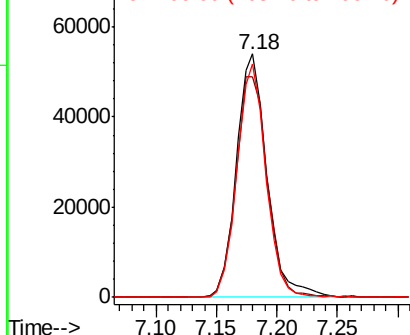
77 100

105 90.6 75.0 115.0

106 95.7 75.7 115.7



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



#10

Phenol

Concen: 40.830 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG040573.D

Acq: 19 Apr 2019 22:18

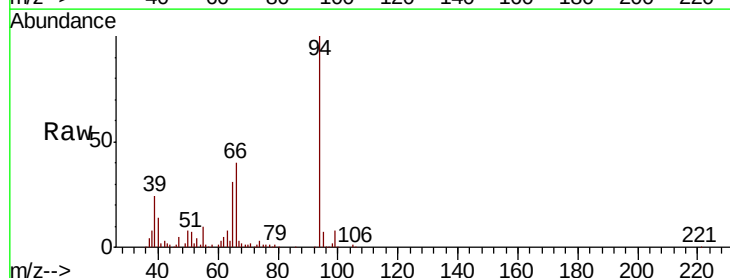
Tgt Ion: 94 Resp: 277255

Ion Ratio Lower Upper

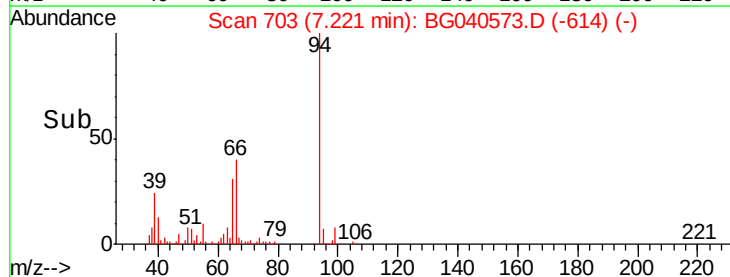
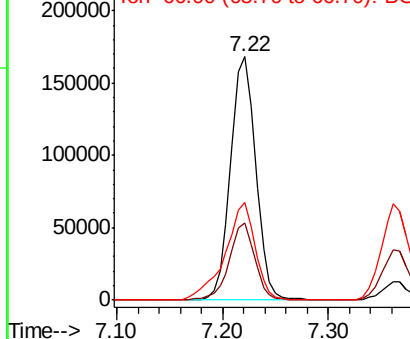
94 100

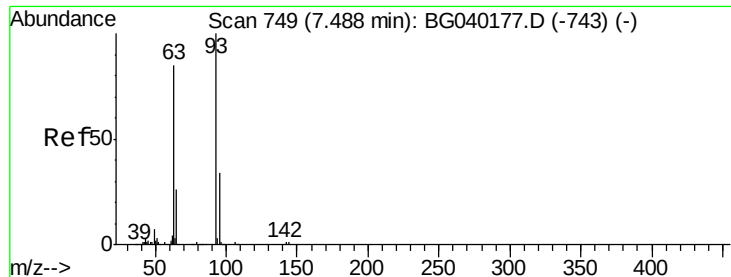
65 31.5 10.5 50.5

66 40.3 16.9 56.9



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

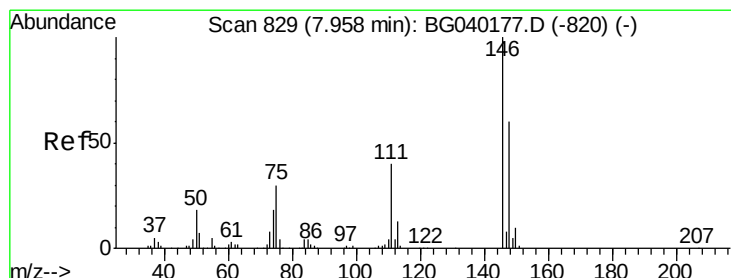
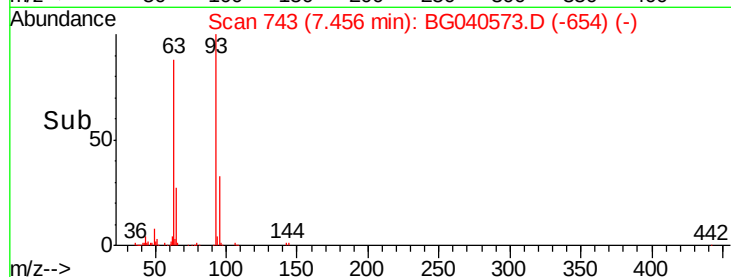
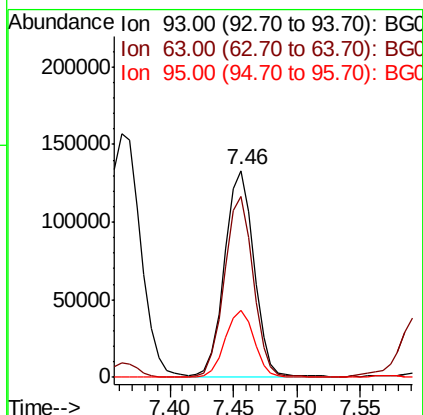
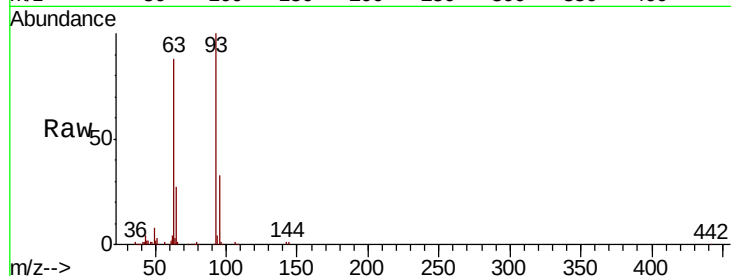




#11
bis(2-Chloroethyl)ether
Concen: 39.415 ng
RT: 7.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BG040573.D
Acq: 19 Apr 2019 22:18

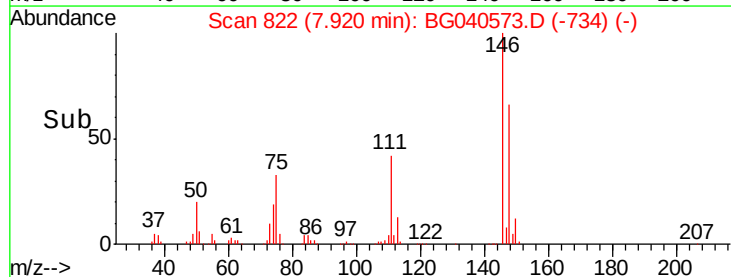
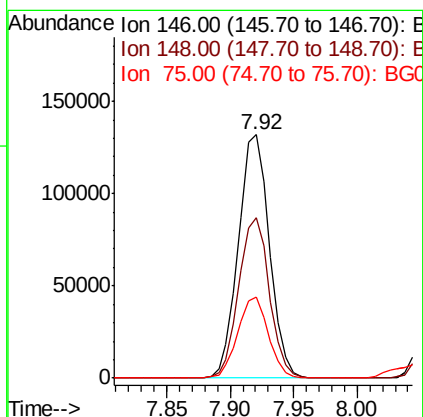
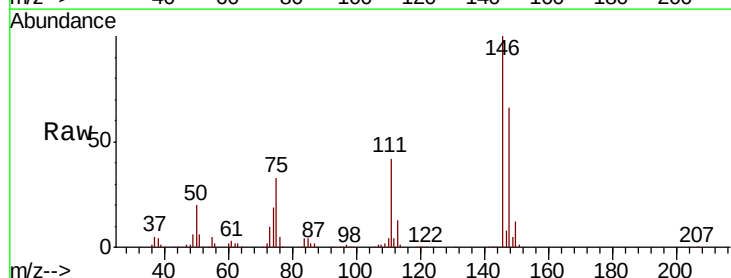
Instrument :
BNA_G
ClientSampleId :
PB119049BSD

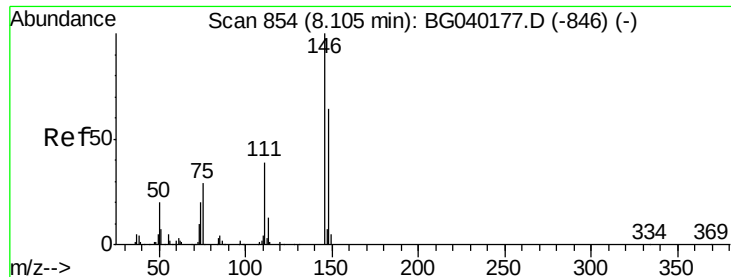
Tgt Ion: 93 Resp: 214365
Ion Ratio Lower Upper
93 100
63 87.5 64.2 104.2
95 32.6 14.0 54.0



#12
1,3-Dichlorobenzene
Concen: 38.963 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG040573.D
Acq: 19 Apr 2019 22:18

Tgt Ion: 146 Resp: 224439
Ion Ratio Lower Upper
146 100
148 65.6 48.2 72.2
75 33.2 24.1 36.1

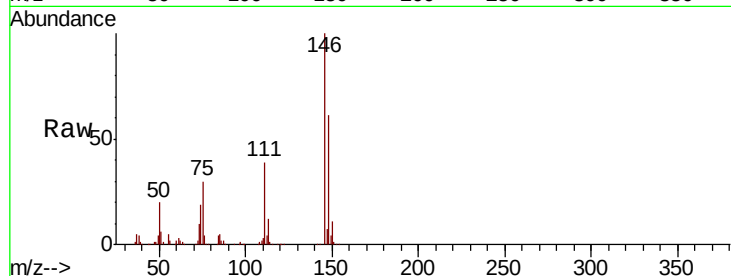




#13
 1,4-Dichlorobenzene
 Concen: 41.933 ng
 RT: 8.07 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BG040573.D
 Acq: 19 Apr 2019 22:18

Instrument :
 BNA_G
 ClientSampleId :
 PB119049BSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.4	51.0	76.4
111	39.2	31.8	47.6

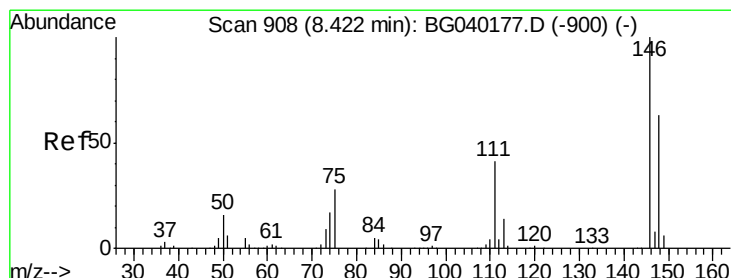
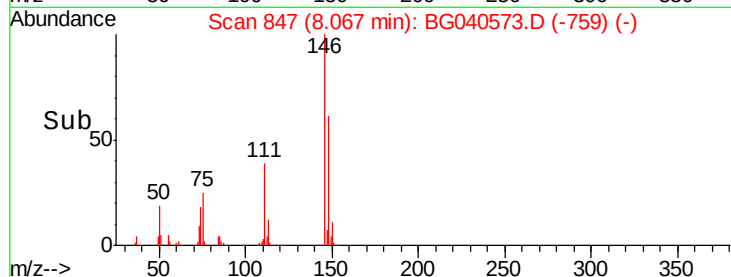
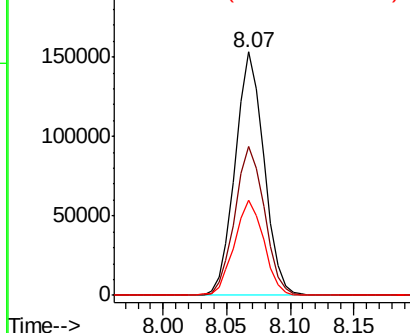


Abundance

Ion 146.00 (145.70 to 146.70): E

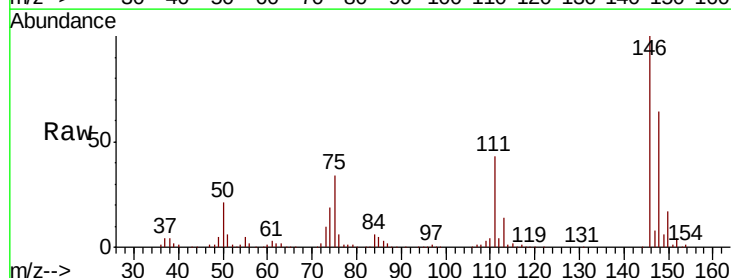
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.967 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BG040573.D
 Acq: 19 Apr 2019 22:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.8	76.2
111	42.8	33.4	50.0

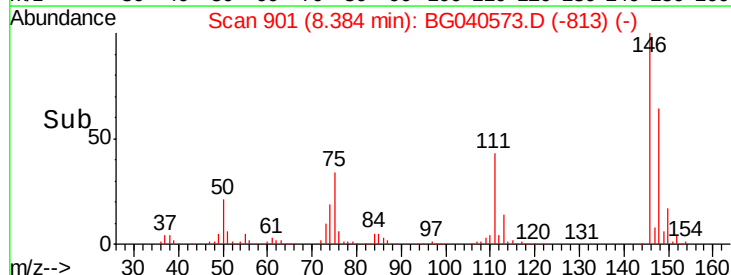
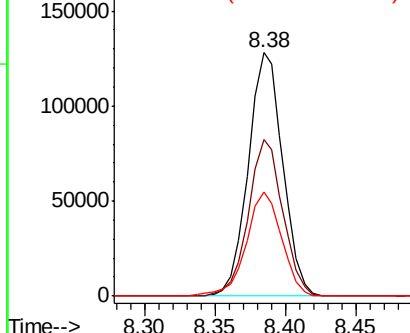


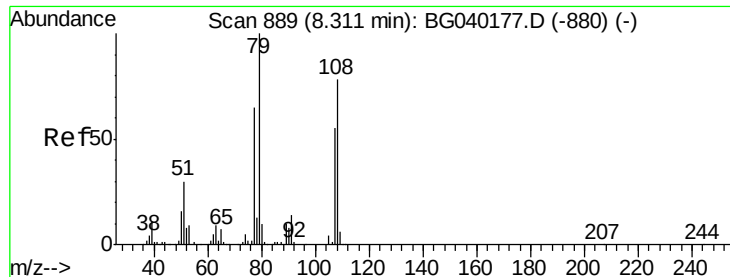
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.751 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG040573.D

Acq: 19 Apr 2019 22:18

Instrument :

BNA_G

ClientSampleId :

PB119049BSD

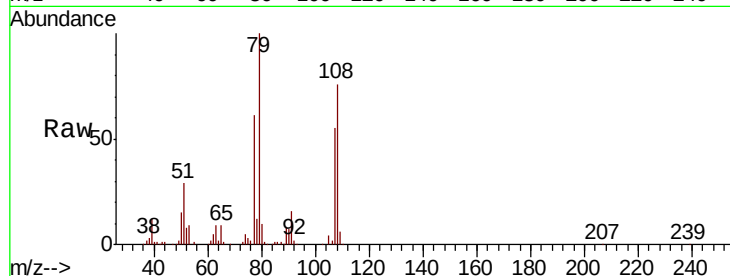
Tgt Ion: 79 Resp: 200274

Ion Ratio Lower Upper

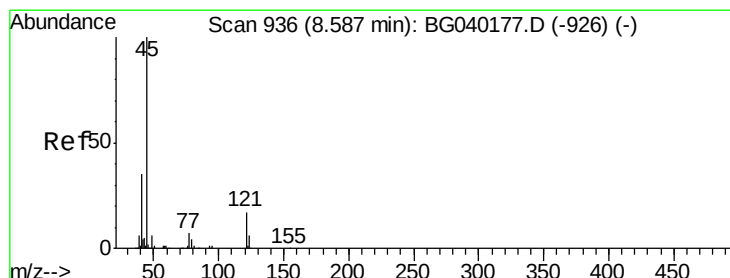
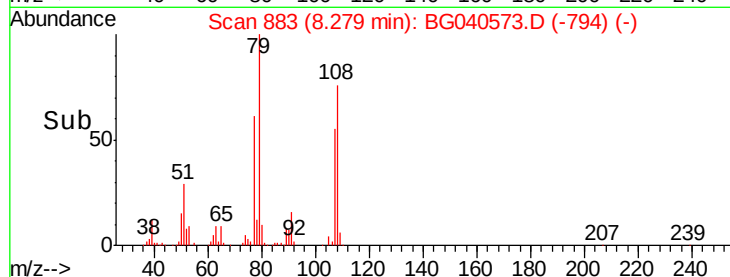
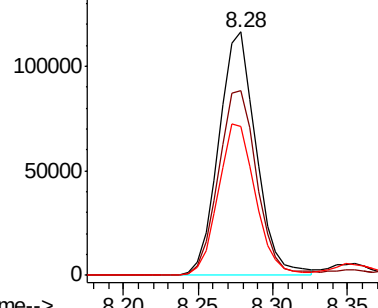
79 100

108 75.6 62.1 93.1

77 61.0 51.9 77.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.769 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.01 min

Lab File: BG040573.D

Acq: 19 Apr 2019 22:18

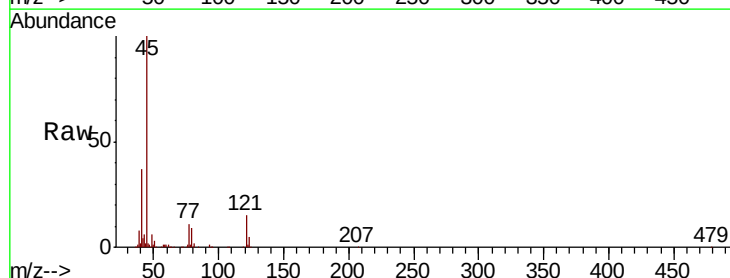
Tgt Ion: 45 Resp: 415106

Ion Ratio Lower Upper

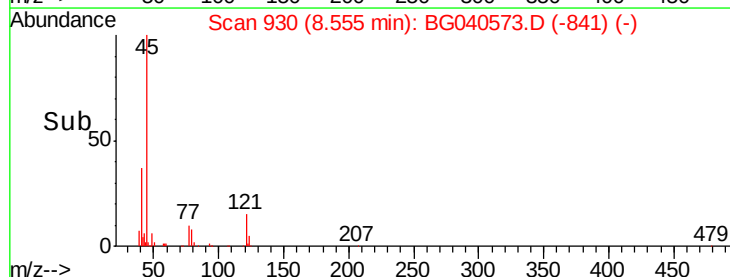
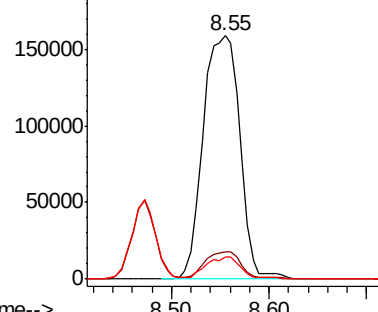
45 100

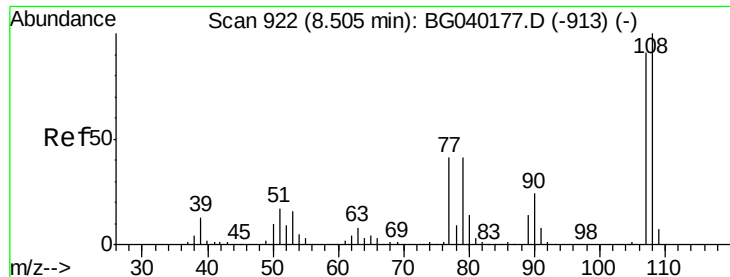
77 11.3 0.0 31.4

79 9.2 0.0 28.3



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

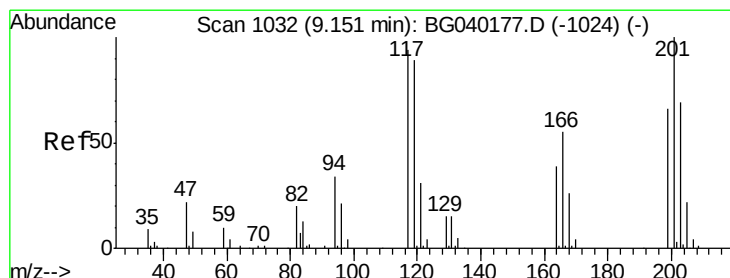
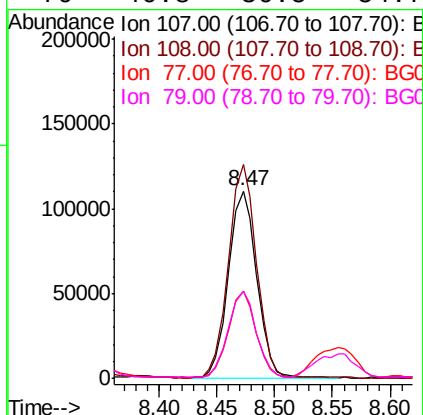
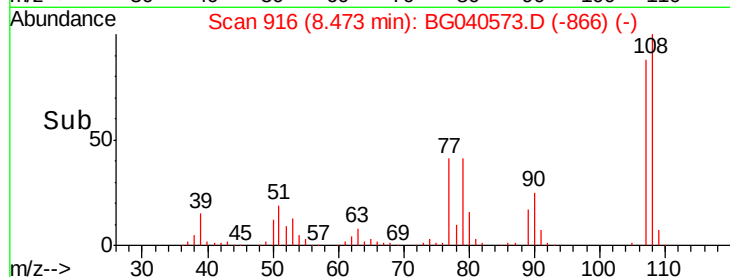
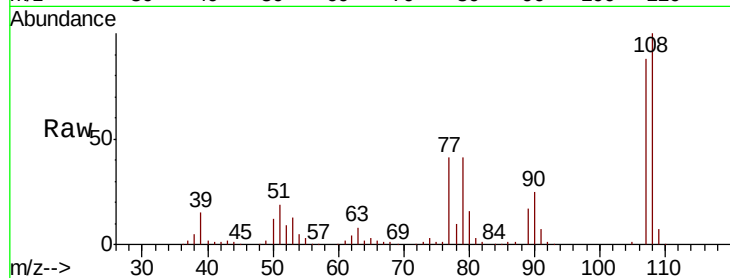




#17
2-Methylphenol
Concen: 39.862 ng
RT: 8.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BG040573.D
Acq: 19 Apr 2019 22:18

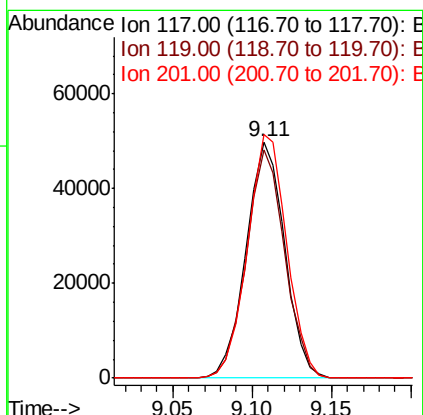
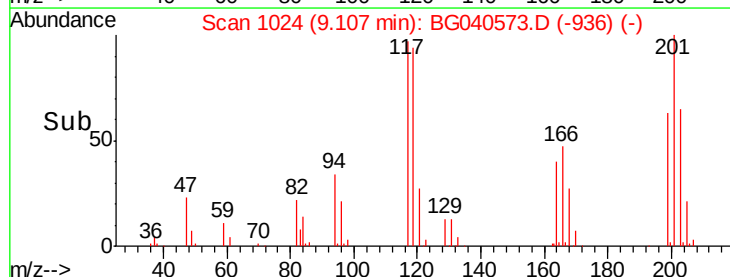
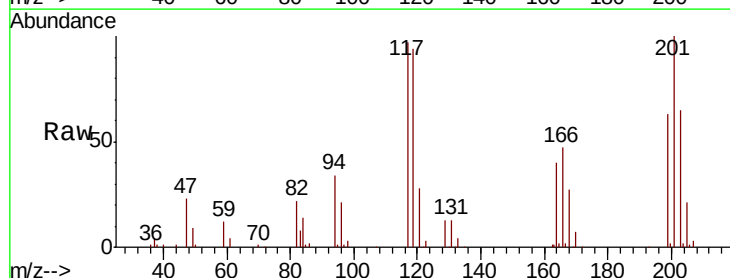
Instrument :
BNA_G
ClientSampleId :
PB119049BSD

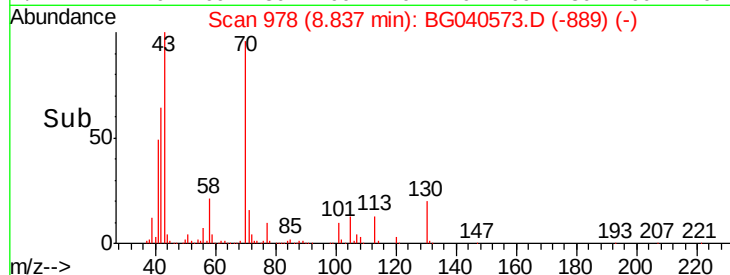
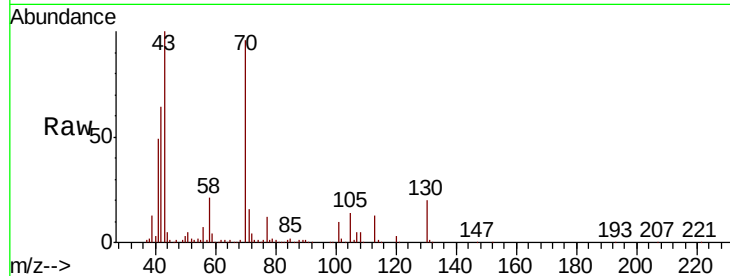
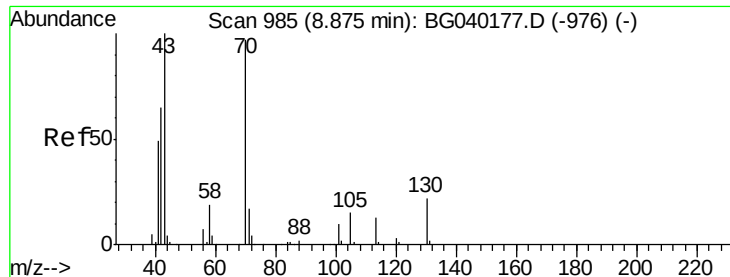
Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.1	88.2	132.4
77	46.2	36.6	55.0
79	46.8	36.5	54.7



#18
Hexachloroethane
Concen: 38.602 ng
RT: 9.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG040573.D
Acq: 19 Apr 2019 22:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.6	115.0
201	103.1	85.0	127.4

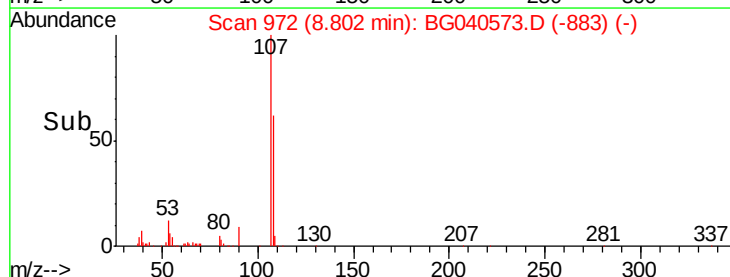
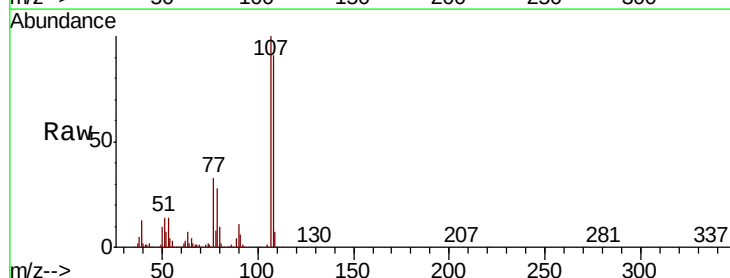
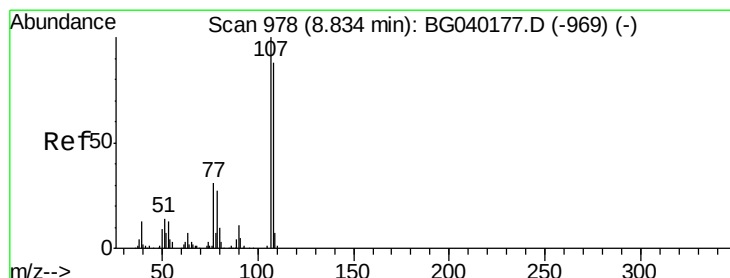
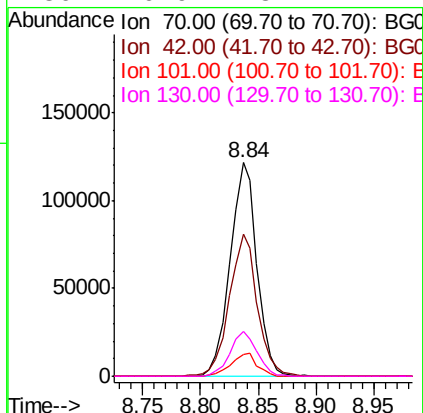




#19
n-Nitroso-di-n-propylamine
Concen: 43.323 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BG040573.D
Acq: 19 Apr 2019 22:18

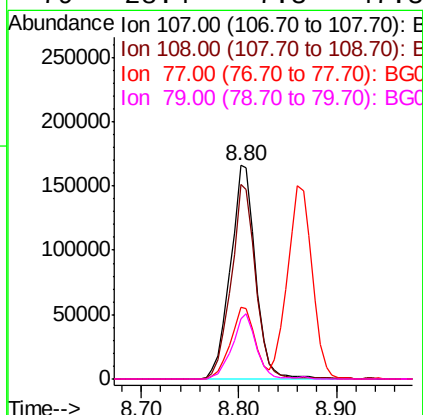
Instrument :
BNA_G
ClientSampleId :
PB119049BSD

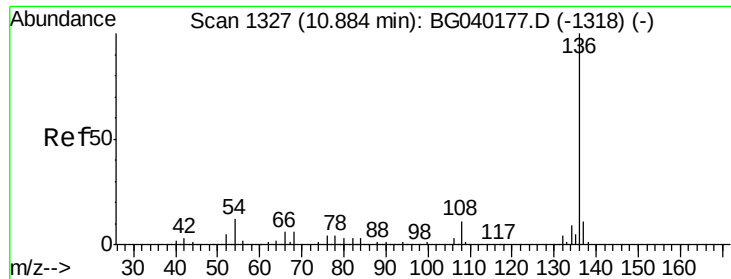
Tgt Ion:	70	Resp:	194324
Ion	Ratio	Lower	Upper
70	100		
42	66.4	54.0	81.0
101	10.4	8.6	13.0
130	20.9	18.2	27.2



#20
3+4-Methylphenols
Concen: 46.605 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BG040573.D
Acq: 19 Apr 2019 22:18

Tgt Ion:	107	Resp:	296665
Ion	Ratio	Lower	Upper
107	100		
108	90.9	68.3	108.3
77	33.3	11.3	51.3
79	28.4	7.3	47.3

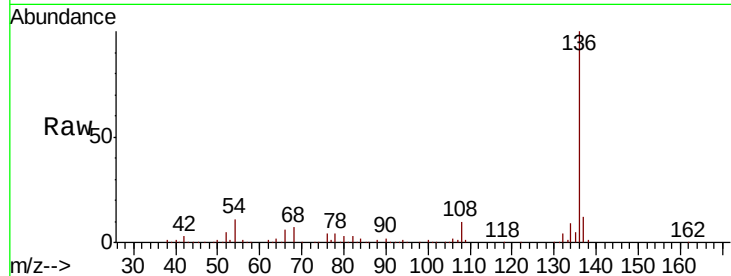




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BG040573.D
Acq: 19 Apr 2019 22:18

Instrument :
BNA_G
ClientSampleId :
PB119049BSD

Tgt Ion:	136	Resp:	441888
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	10.7	9.6	14.4
68	6.9	5.1	7.7



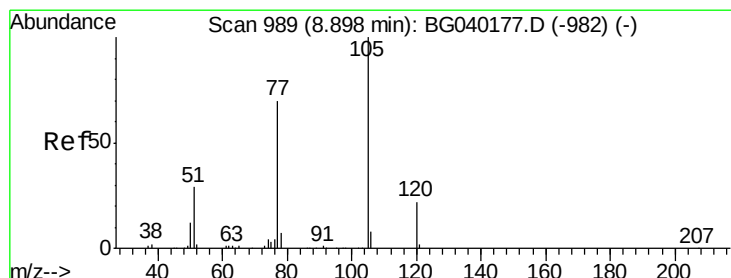
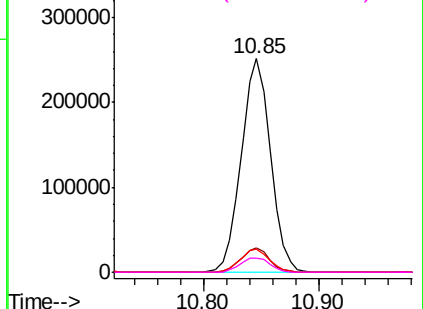
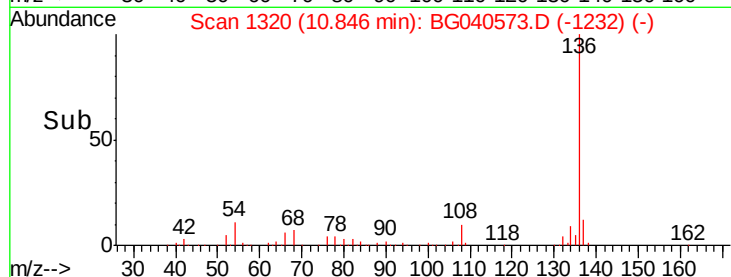
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

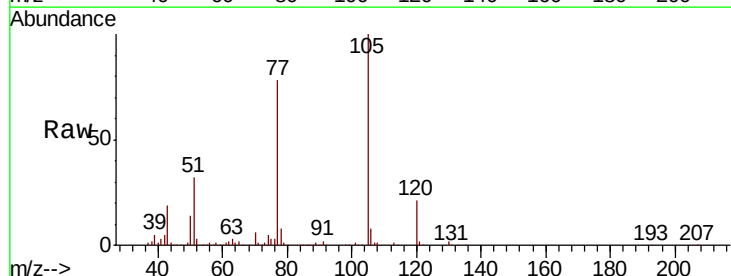
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 30.927 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG040573.D
Acq: 19 Apr 2019 22:18

Tgt Ion:	105	Resp:	340907
Ion	Ratio	Lower	Upper
105	100		
71	0.9	0.6	1.0
51	31.7	25.1	37.7
120	21.5	17.6	26.4



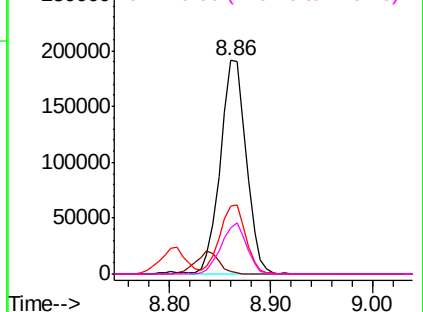
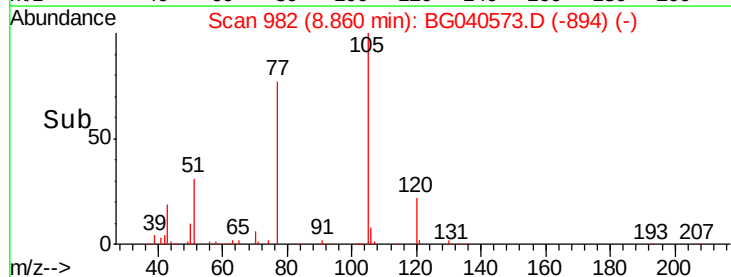
Abundance

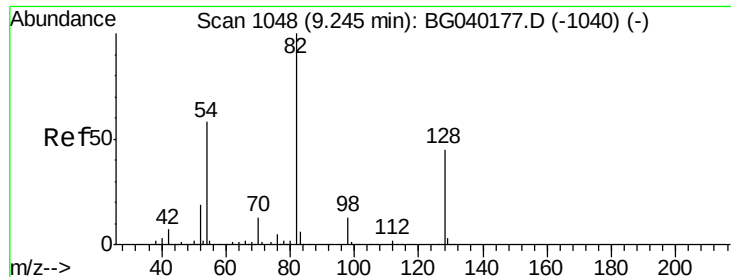
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

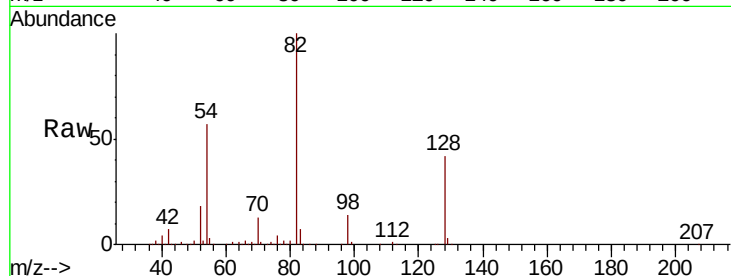




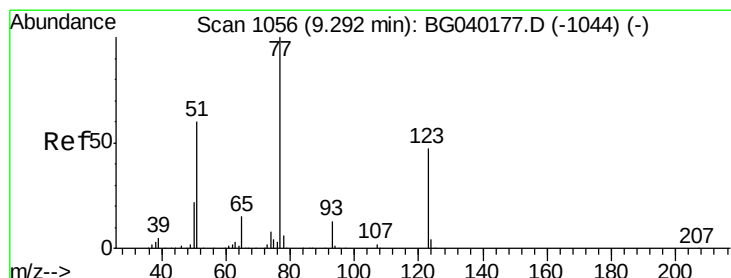
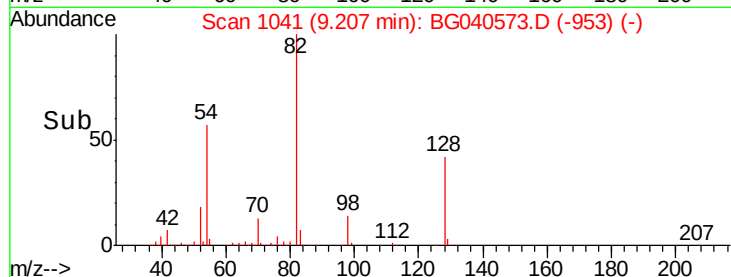
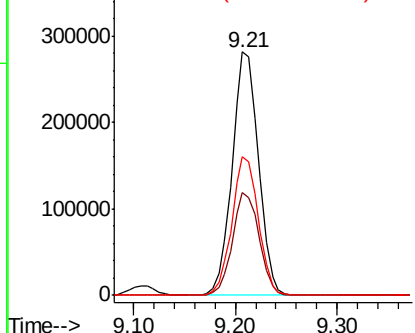
#23
Nitrobenzene-d5
Concen: 60.973 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG040573.D
Acq: 19 Apr 2019 22:18

Instrument :
BNA_G
ClientSampleId :
PB119049BSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.2	35.8	53.8
54	56.9	46.2	69.2

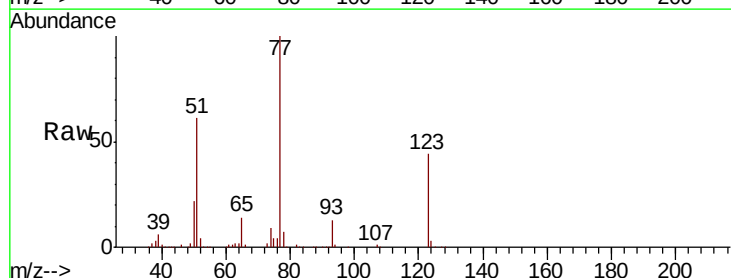


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

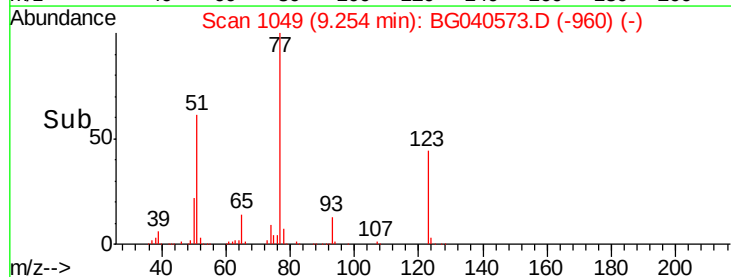
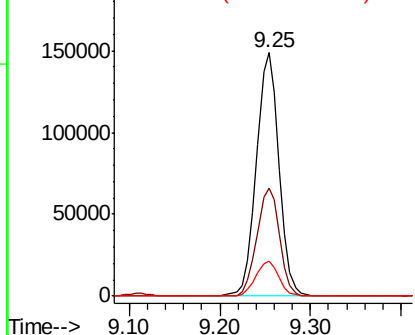


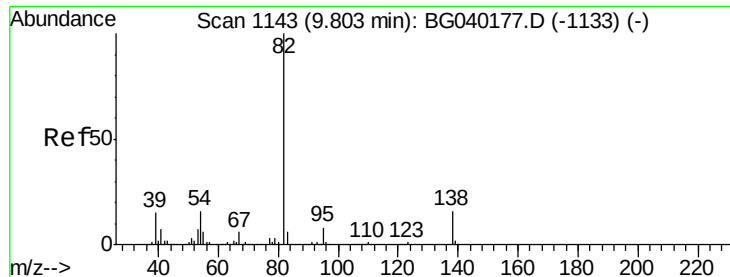
#24
Nitrobenzene
Concen: 29.765 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BG040573.D
Acq: 19 Apr 2019 22:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.2	37.8	56.6
65	14.2	12.0	18.0



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





#25

Isophorone

Concen: 39.967 ng

RT: 9.77 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BG040573.D

Acq: 19 Apr 2019 22:18

Instrument :

BNA_G

ClientSampleId :

PB119049BSD

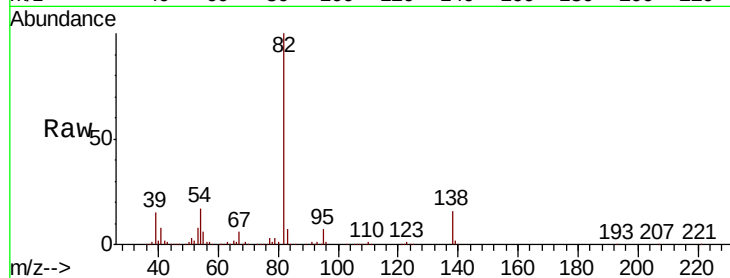
Tgt Ion: 82 Resp: 683657

Ion Ratio Lower Upper

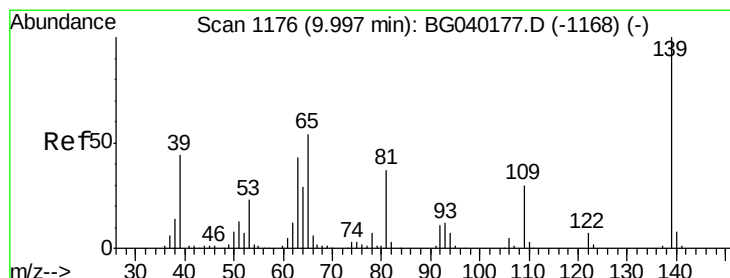
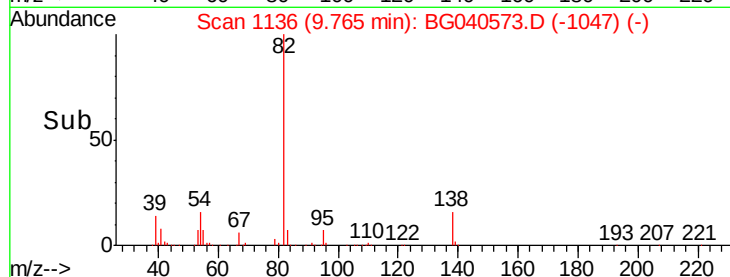
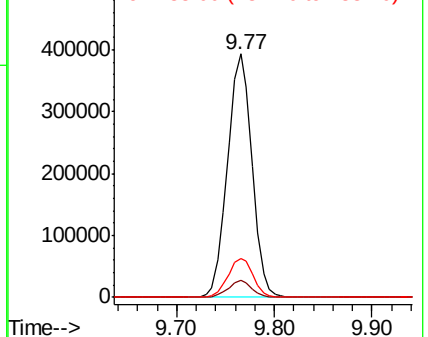
82 100

95 7.0 6.1 9.1

138 16.2 13.2 19.8



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



#26

2-Nitrophenol

Concen: 42.532 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BG040573.D

Acq: 19 Apr 2019 22:18

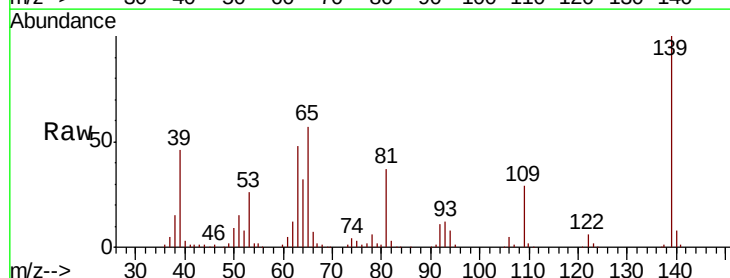
Tgt Ion: 139 Resp: 173498

Ion Ratio Lower Upper

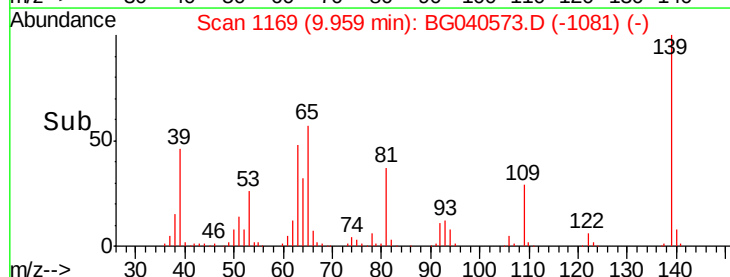
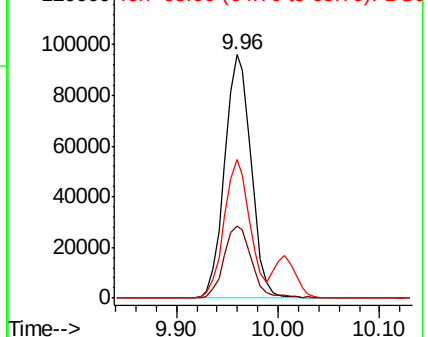
139 100

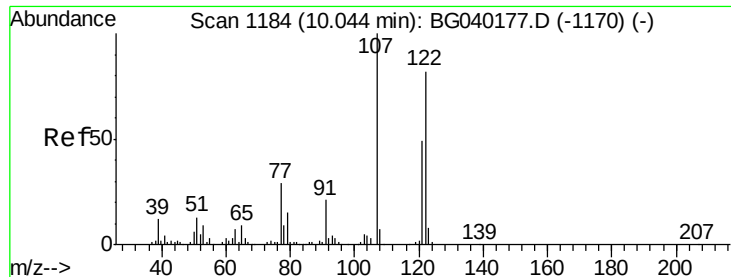
109 29.4 24.1 36.1

65 57.2 43.0 64.6



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

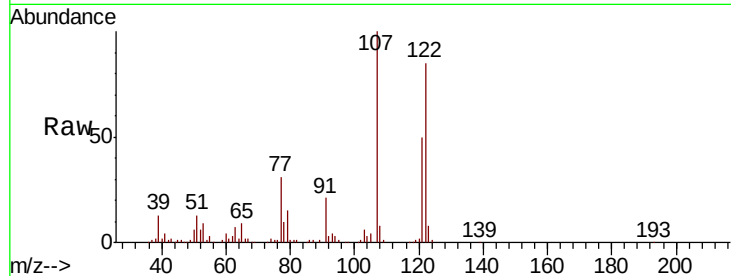




#27
 2,4-Dimethylphenol
 Concen: 41.180 ng
 RT: 10.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BG040573.D
 Acq: 19 Apr 2019 22:18

Instrument :
 BNA_G
 ClientSampleId :
 PB119049BSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	117.2	97.4	146.2
121	58.1	47.7	71.5

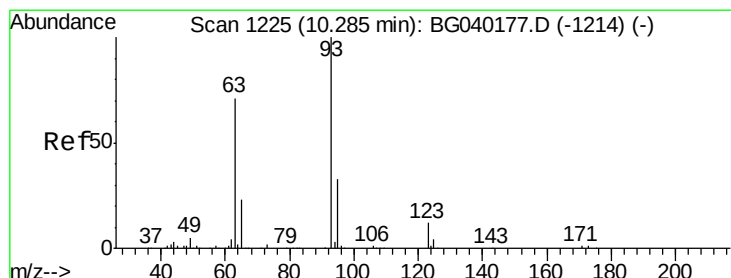
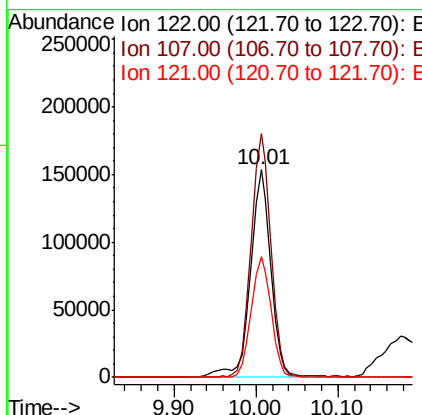
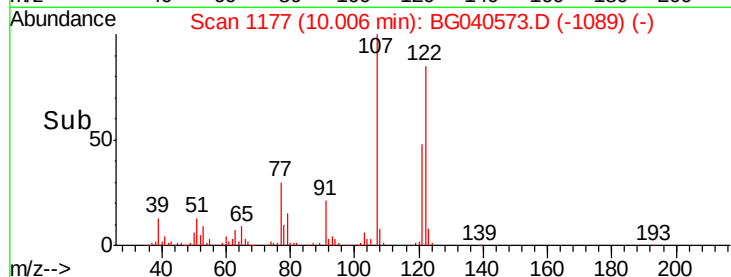


Abundance

Ion 122.00 (121.70 to 122.70): E

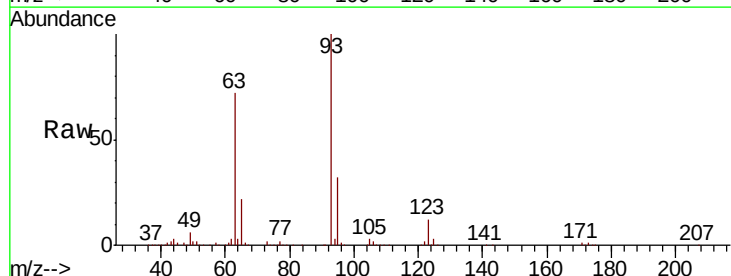
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.703 ng
 RT: 10.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BG040573.D
 Acq: 19 Apr 2019 22:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.2	39.4
123	11.8	9.4	14.0

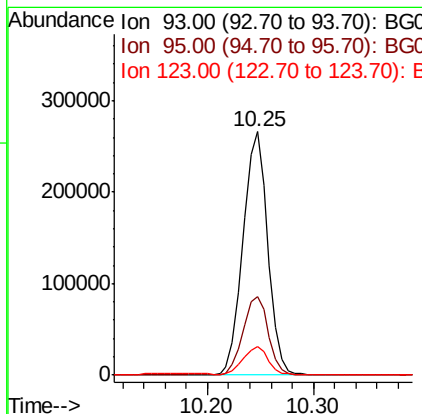
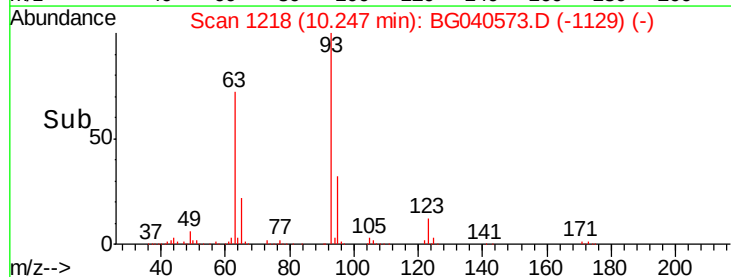


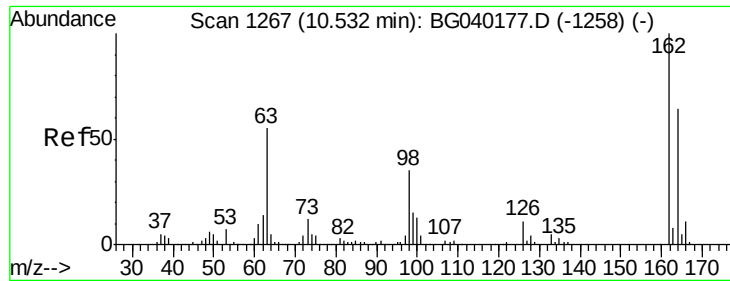
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

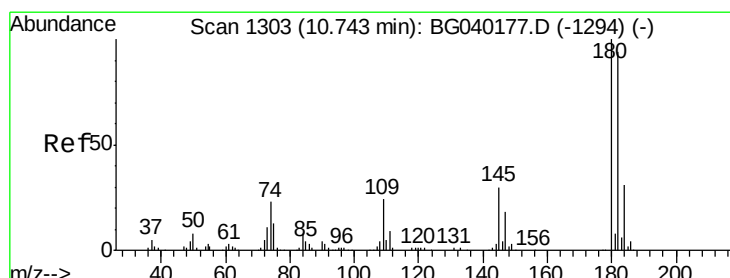
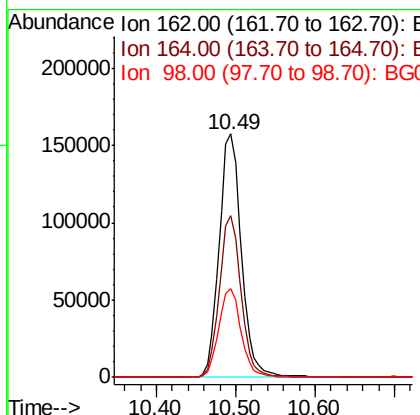
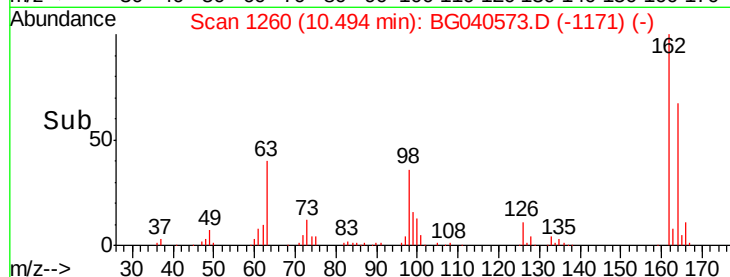
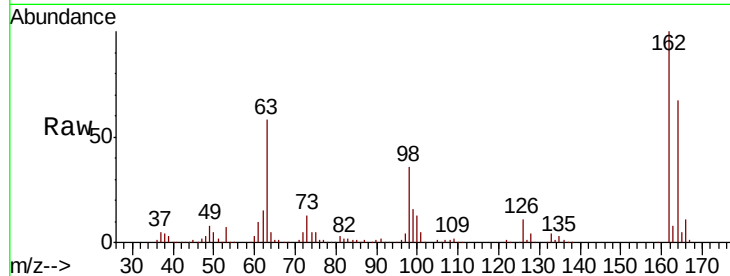




#29
 2,4-Dichlorophenol
 Concen: 43.656 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BG040573.D
 Acq: 19 Apr 2019 22:18

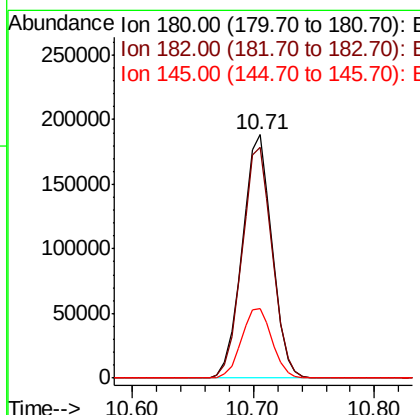
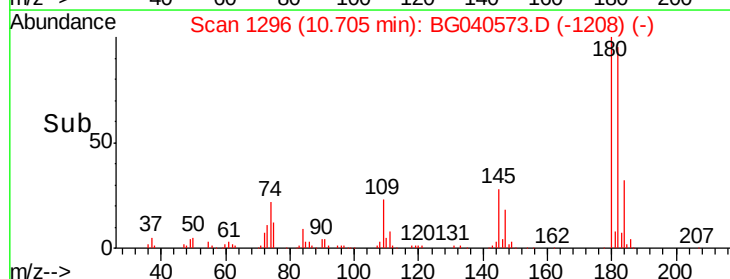
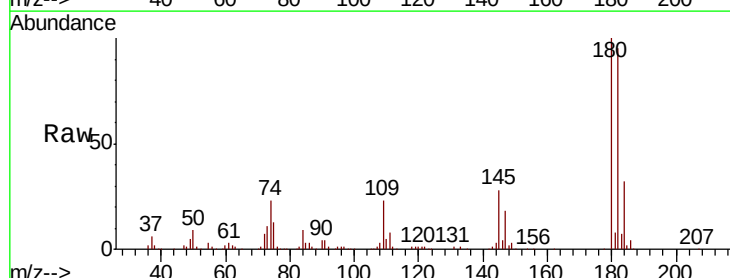
Instrument :
 BNA_G
 ClientSampleId :
 PB119049BSD

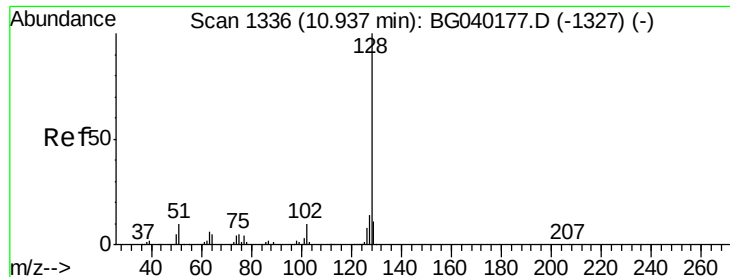
Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.6	43.9	83.9
98	36.2	15.6	55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 41.855 ng
 RT: 10.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BG040573.D
 Acq: 19 Apr 2019 22:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.1	112.7
145	28.4	24.1	36.1

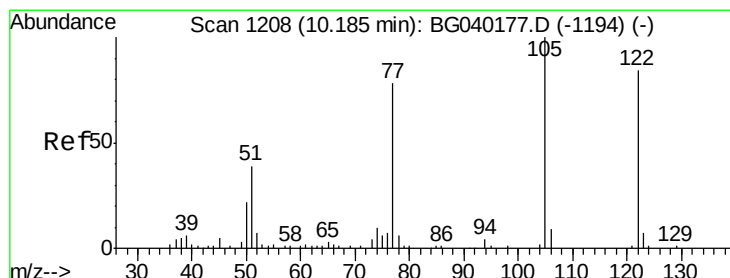
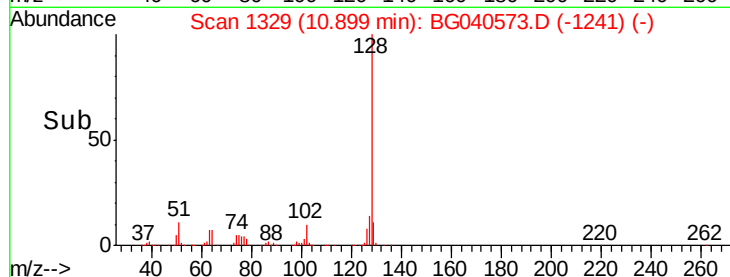
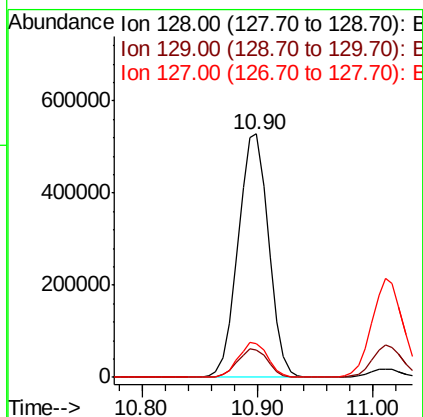
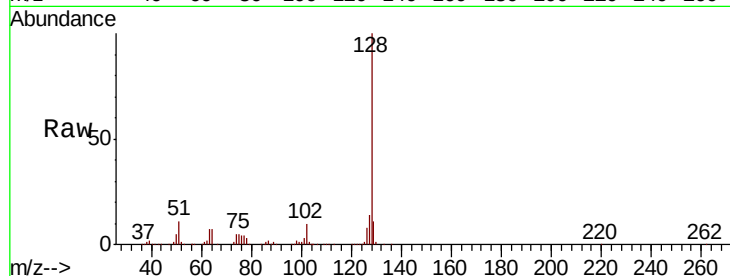




#31
Naphthalene
Concen: 42.797 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG040573.D
Acq: 19 Apr 2019 22:18

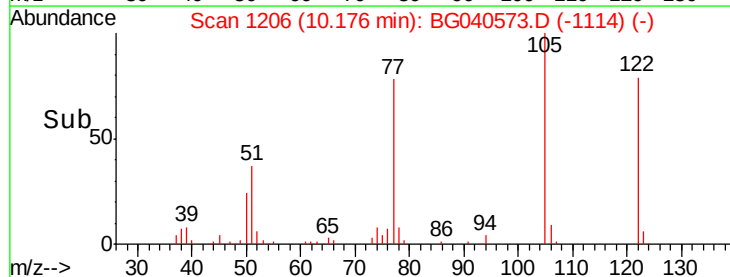
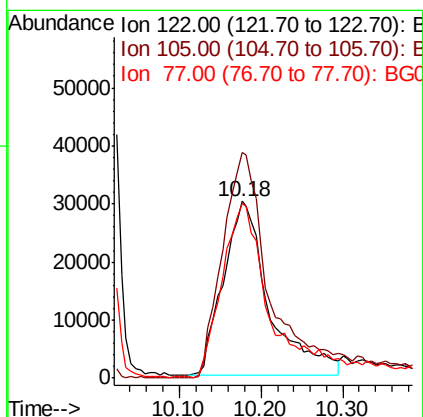
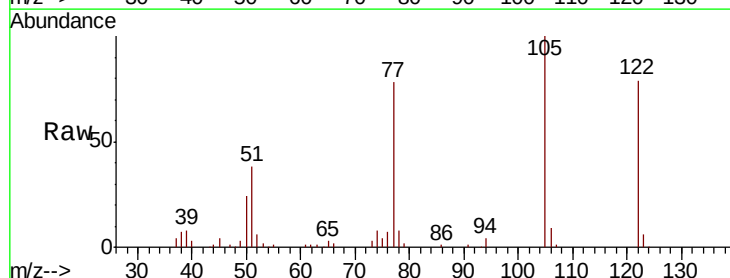
Instrument :
BNA_G
ClientSampleId :
PB119049BSD

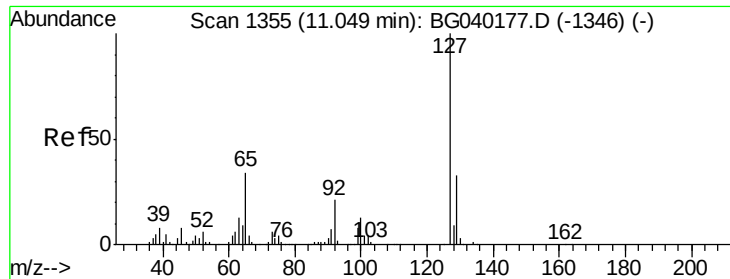
Tgt Ion:128 Resp: 969356
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 14.0 11.4 17.0



#32
Benzoic acid
Concen: 29.779 ng
RT: 10.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BG040573.D
Acq: 19 Apr 2019 22:18

Tgt Ion:122 Resp: 116583
Ion Ratio Lower Upper
122 100
105 127.2 98.2 138.2
77 99.0 73.6 113.6

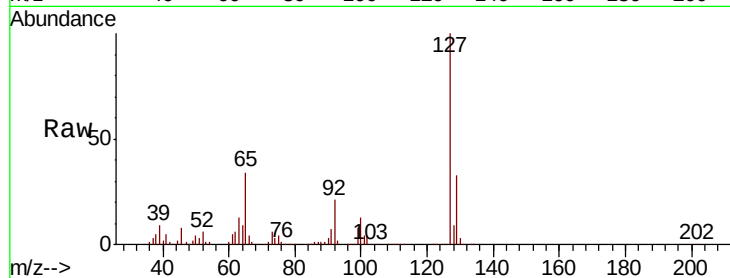




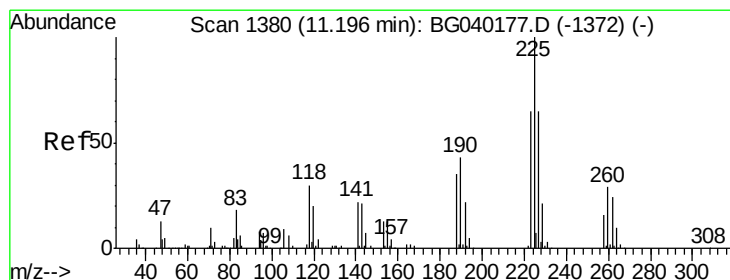
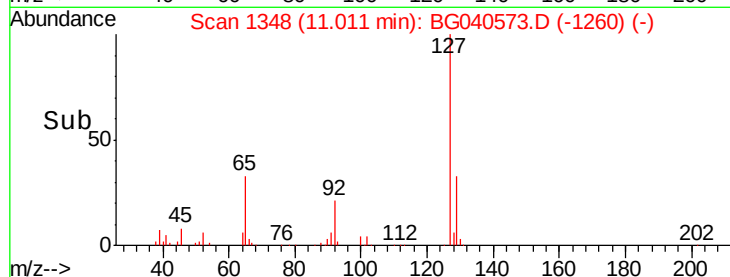
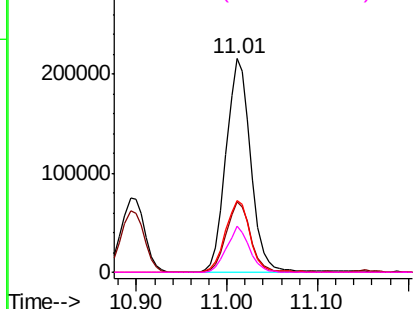
#33
4-Chloroaniline
Concen: 42.433 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BG040573.D
Acq: 19 Apr 2019 22:18

Instrument :
BNA_G
ClientSampleId :
PB119049BSD

Tgt Ion:	127	Resp:	409962
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.6	40.0
65	33.6	27.0	40.4
92	21.4	16.6	25.0

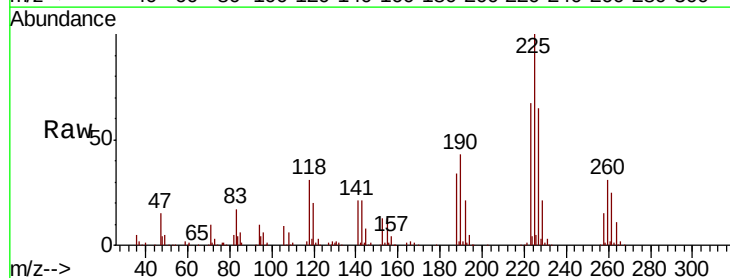


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

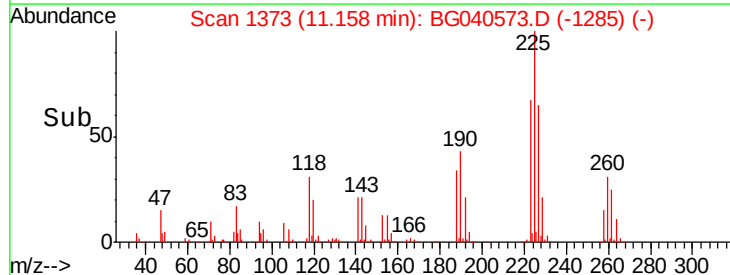
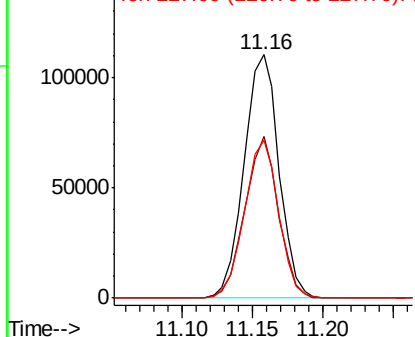


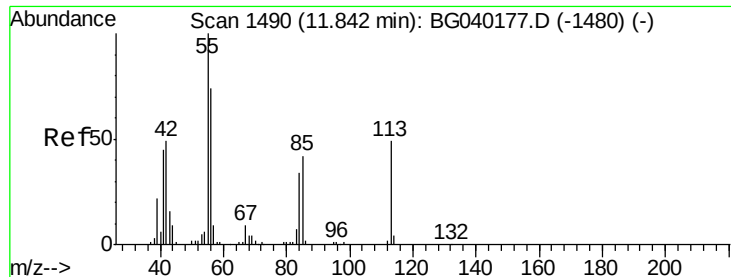
#34
Hexachlorobutadiene
Concen: 38.681 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG040573.D
Acq: 19 Apr 2019 22:18

Tgt Ion:	225	Resp:	191045
Ion	Ratio	Lower	Upper
225	100		
223	66.6	51.8	77.8
227	64.7	54.9	82.3



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





#35

Caprolactam

Concen: 16.252 ng

RT: 11.81 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BG040573.D

Acq: 19 Apr 2019 22:18

Instrument :

BNA_G

ClientSampleId :

PB119049BSD

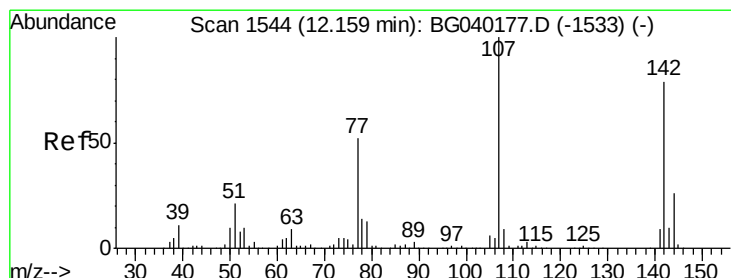
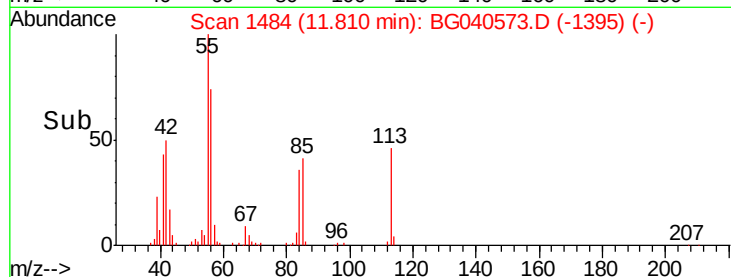
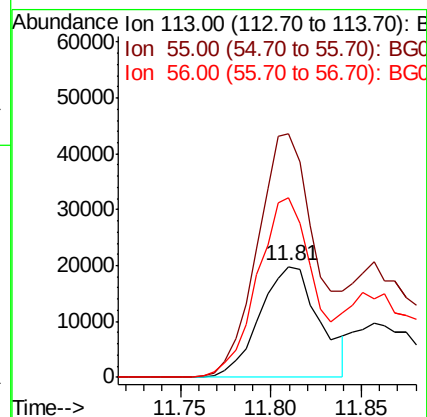
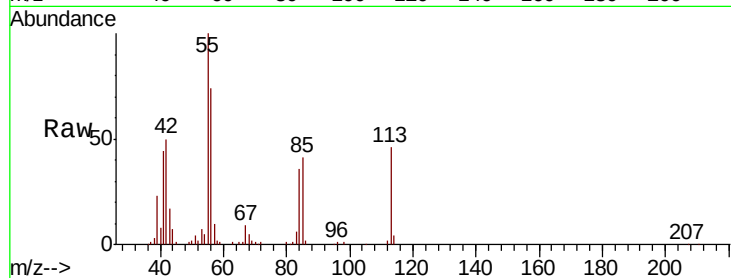
Tgt Ion:113 Resp: 45359

Ion Ratio Lower Upper

113 100

55 219.1 184.2 224.2

56 161.5 131.3 171.3



#36

4-Chloro-3-methylphenol

Concen: 30.745 ng

RT: 12.13 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BG040573.D

Acq: 19 Apr 2019 22:18

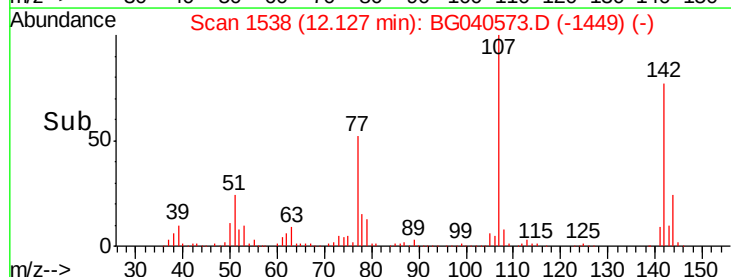
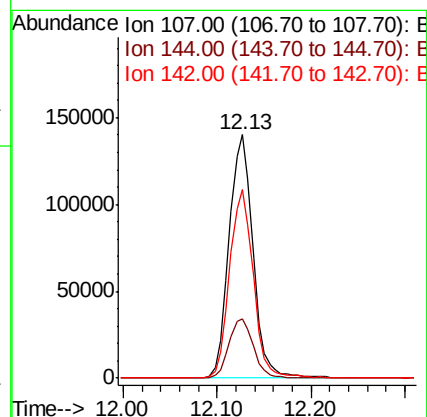
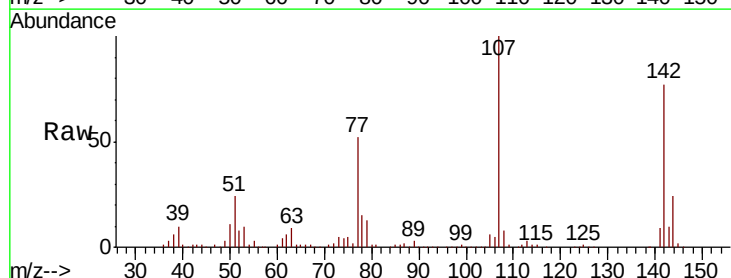
Tgt Ion:107 Resp: 248582

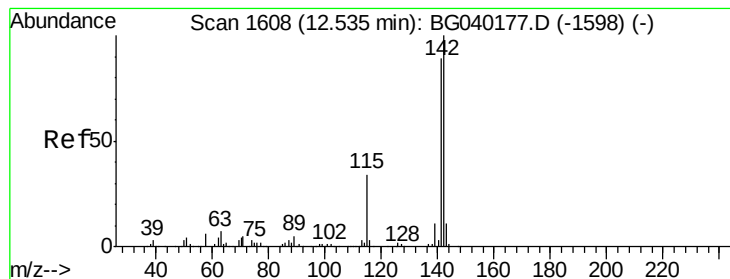
Ion Ratio Lower Upper

107 100

144 24.1 20.5 30.7

142 77.4 63.1 94.7





#37

2-Methylnaphthalene

Concen: 30.351 ng

RT: 12.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BG040573.D

Acq: 19 Apr 2019 22:18

Instrument :

BNA_G

ClientSampleId :

PB119049BSD

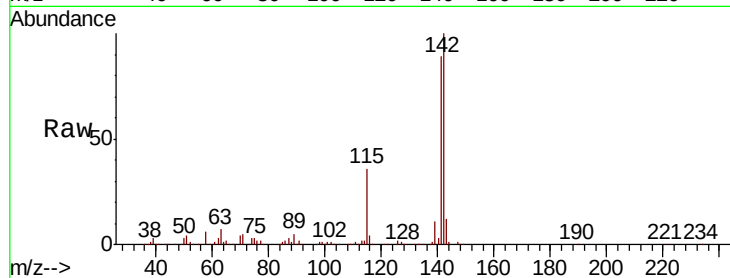
Tgt Ion:142 Resp: 508428

Ion Ratio Lower Upper

142 100

141 89.0 71.0 106.6

115 35.8 27.3 40.9

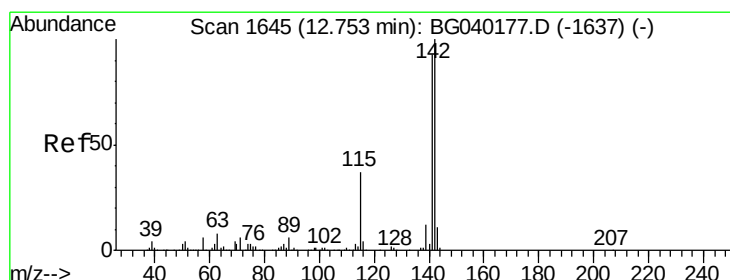
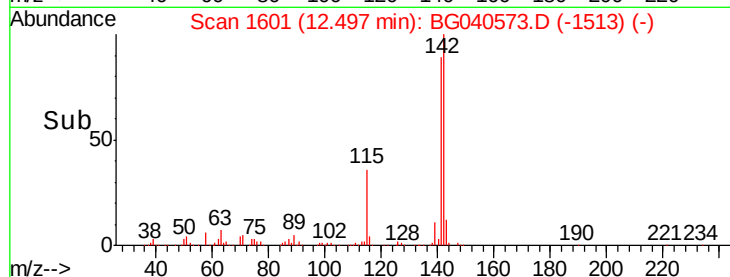
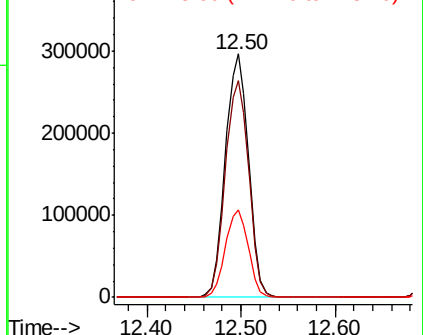


Abundance

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: 29.659 ng

RT: 12.71 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BG040573.D

Acq: 19 Apr 2019 22:18

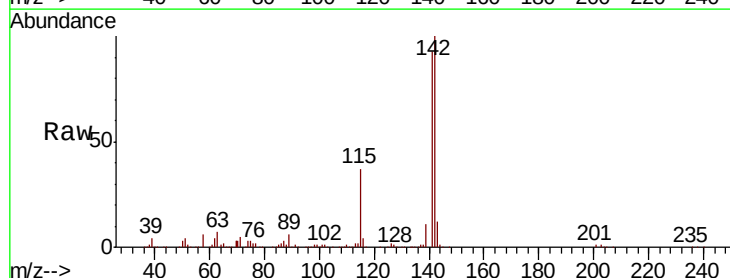
Tgt Ion:142 Resp: 481779

Ion Ratio Lower Upper

142 100

141 92.5 74.2 111.4

116 4.0 3.0 4.4

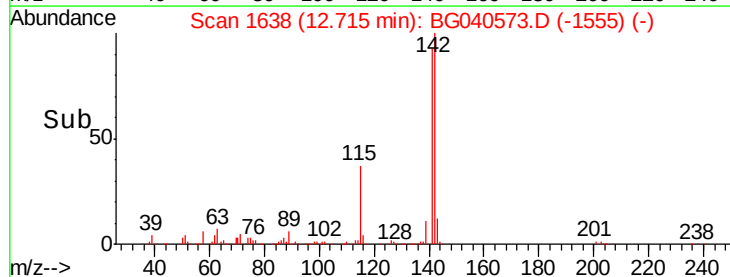
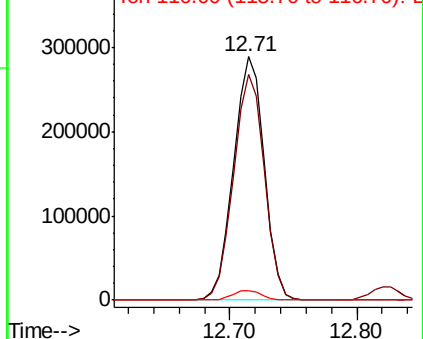


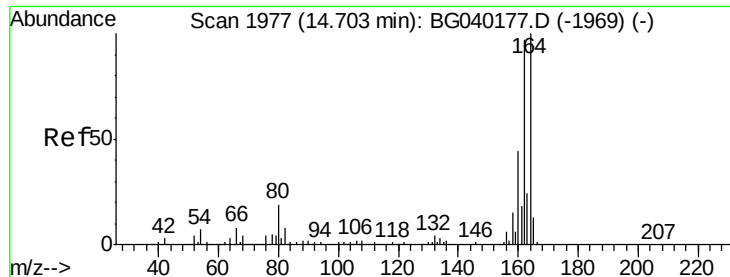
Abundance

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: 14.67 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG040573.D

Acq: 19 Apr 2019 22:18

Instrument :

BNA_G

ClientSampleId :

PB119049BSD

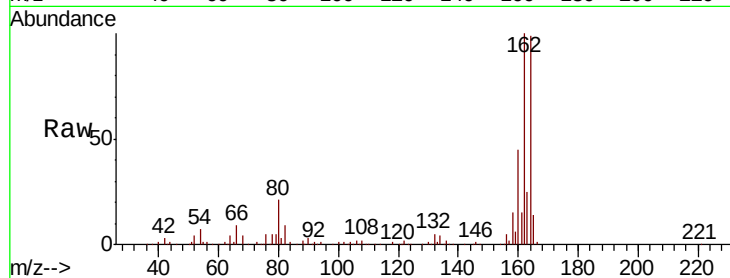
Tgt Ion:164 Resp: 193498

Ion Ratio Lower Upper

164 100

162 101.0 77.4 116.2

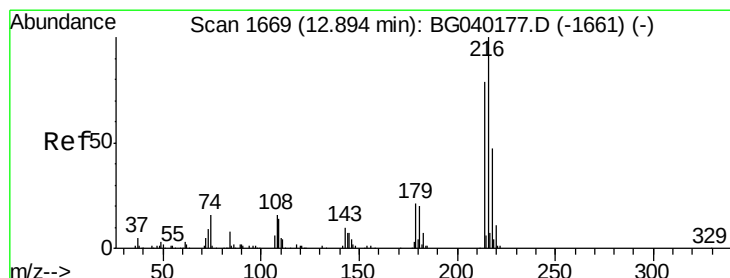
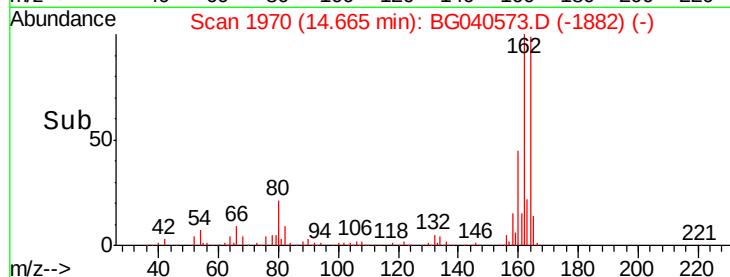
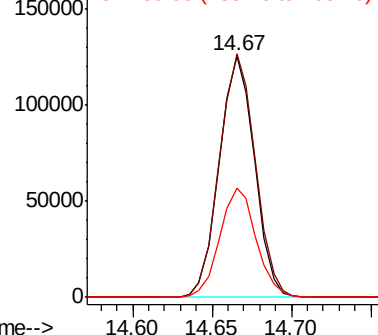
160 45.2 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.147 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG040573.D

Acq: 19 Apr 2019 22:18

Tgt Ion:216 Resp: 259209

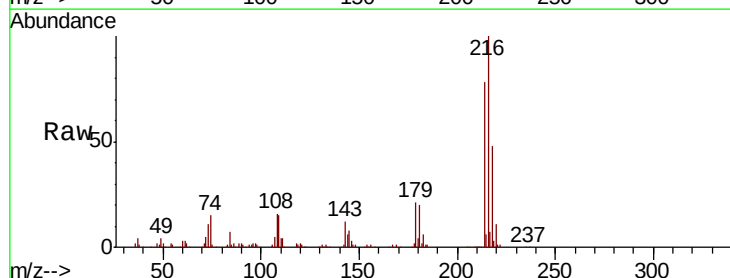
Ion Ratio Lower Upper

216 100

214 77.8 63.5 95.3

179 20.6 16.6 25.0

108 18.7 13.8 20.8

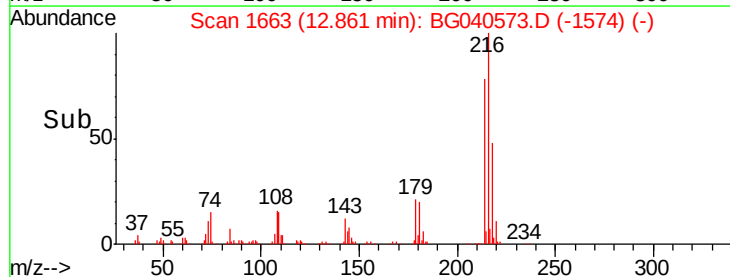
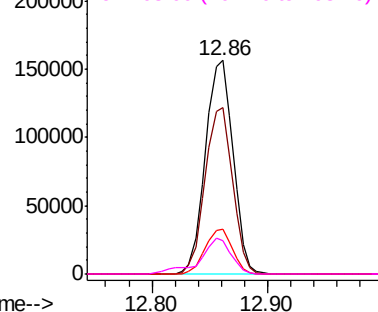


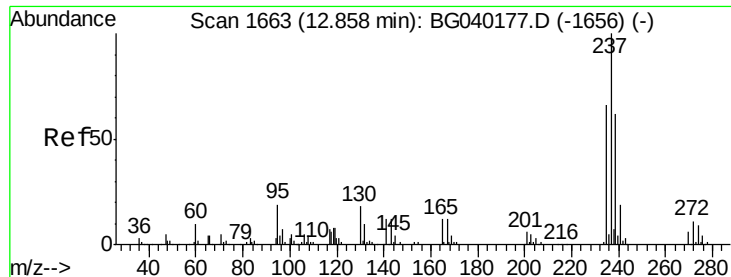
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

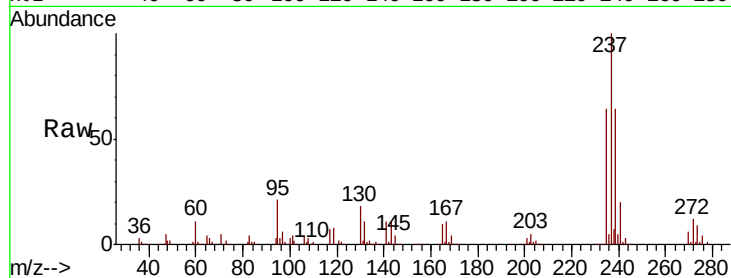




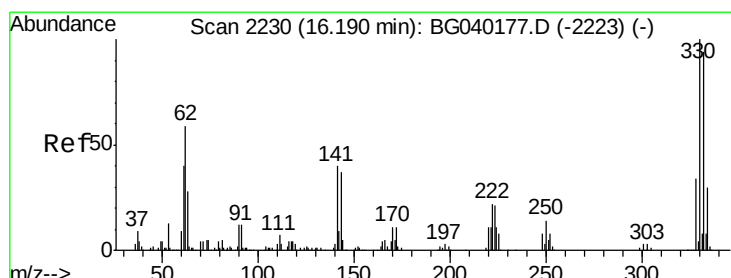
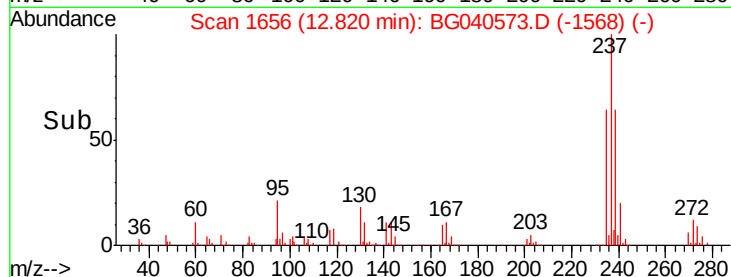
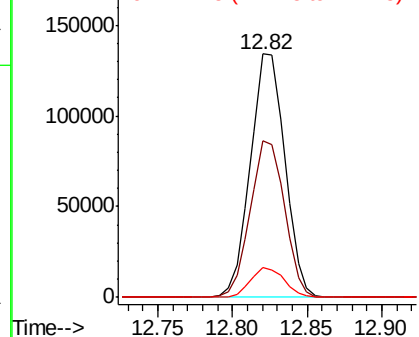
#41
Hexachlorocyclopentadiene
Concen: 63.453 ng
RT: 12.82 min Scan# 1656
Delta R.T. -0.01 min
Lab File: BG040573.D
Acq: 19 Apr 2019 22:18

Instrument :
BNA_G
ClientSampleId :
PB119049BSD

Tgt Ion: 237 Resp: 214271
Ion Ratio Lower Upper
237 100
235 64.4 46.2 86.2
272 12.4 0.0 30.5

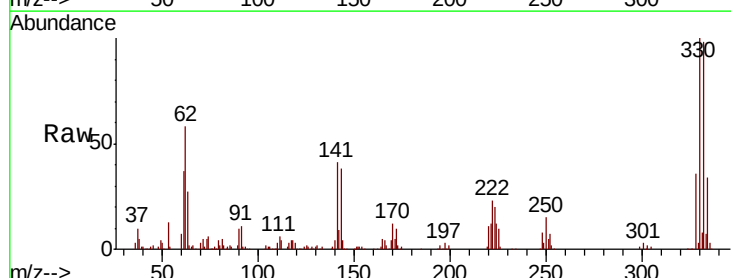


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

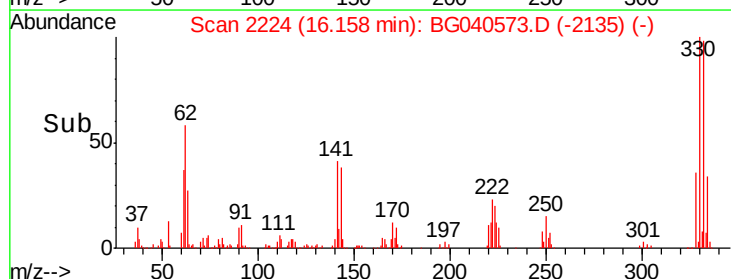
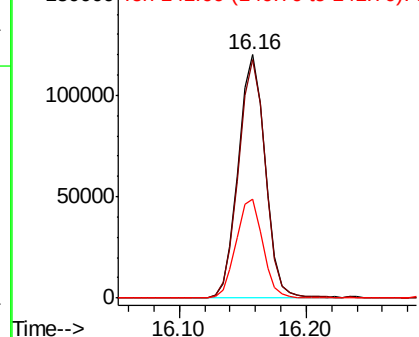


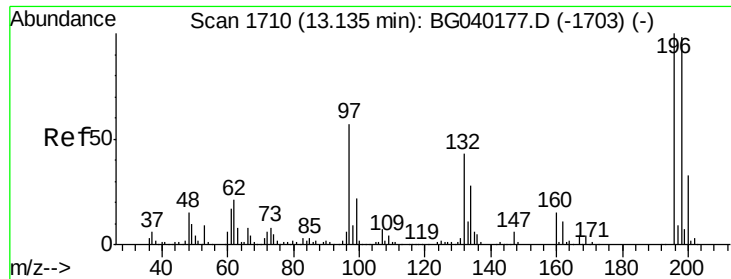
#42
2,4,6-Tribromophenol
Concen: 84.306 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG040573.D
Acq: 19 Apr 2019 22:18

Tgt Ion: 330 Resp: 176301
Ion Ratio Lower Upper
330 100
332 97.6 76.6 115.0
141 40.5 32.6 48.8



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

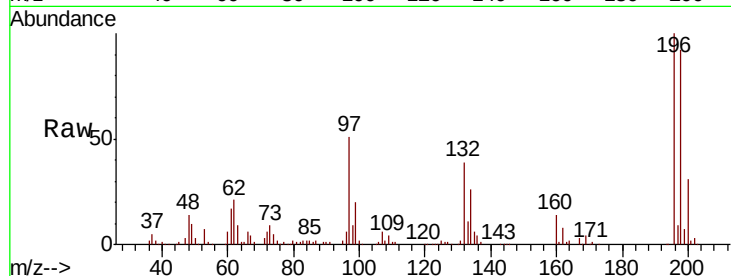




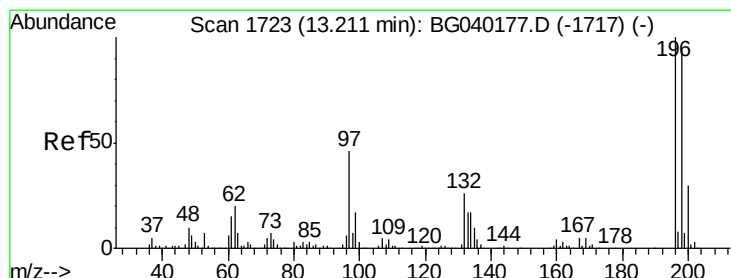
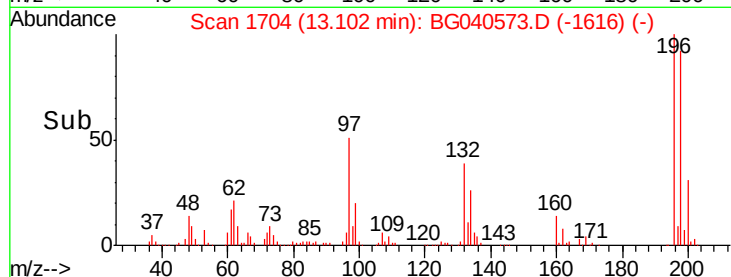
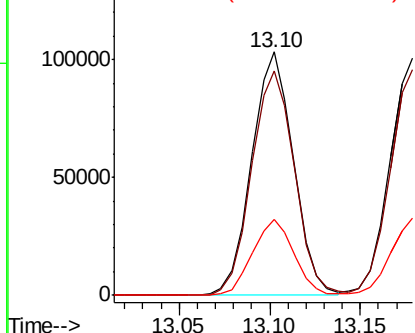
#43
 2,4,6-Trichlorophenol
 Concen: 41.524 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG040573.D
 Acq: 19 Apr 2019 22:18

Instrument :
 BNA_G
 ClientSampleId :
 PB119049BSD

Tgt Ion:196 Resp: 164649
 Ion Ratio Lower Upper
 196 100
 198 92.4 78.3 117.5
 200 31.1 26.0 39.0



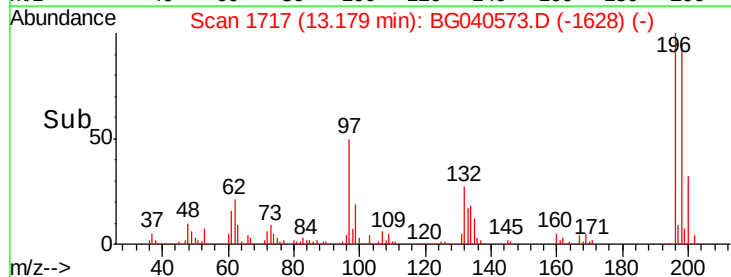
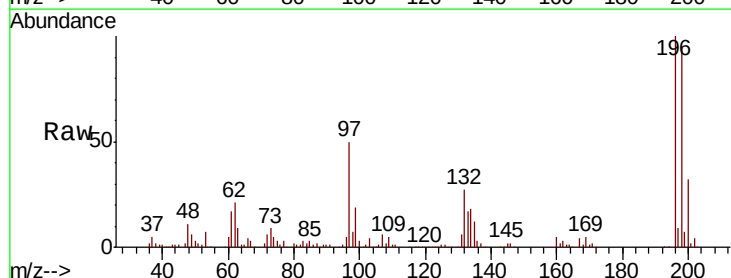
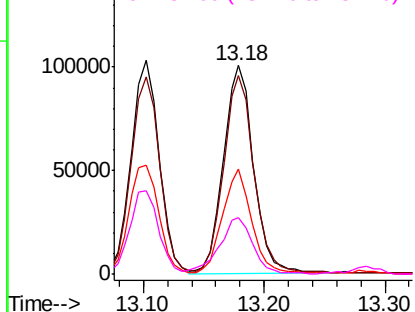
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

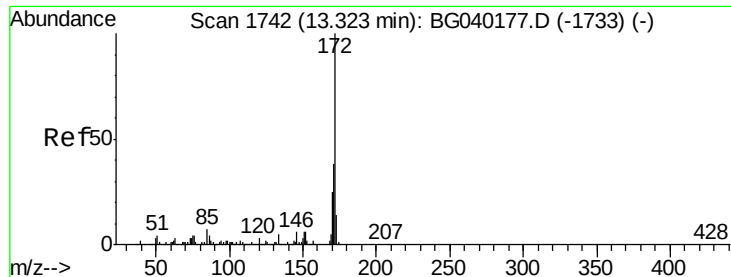


#44
 2,4,5-Trichlorophenol
 Concen: 39.954 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG040573.D
 Acq: 19 Apr 2019 22:18

Tgt Ion:196 Resp: 172675
 Ion Ratio Lower Upper
 196 100
 198 95.3 75.0 112.6
 97 50.2 37.3 55.9
 132 27.1 20.9 31.3

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

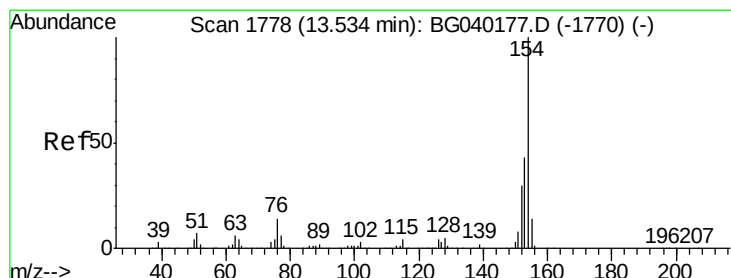
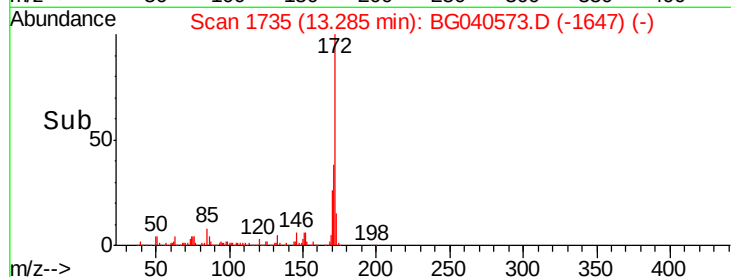
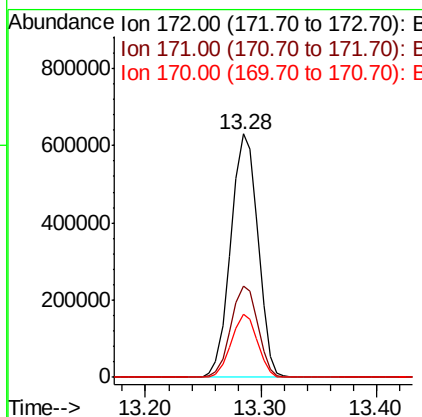
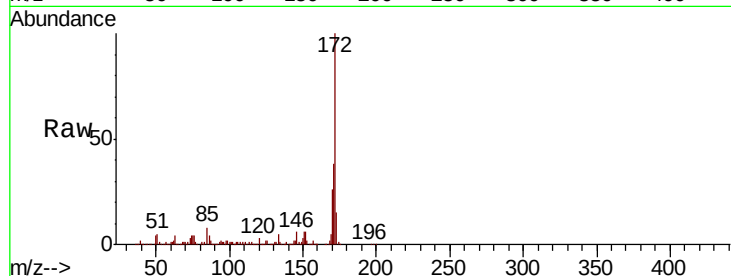




#45
 2-Fluorobiphenyl
 Concen: 78.476 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG040573.D
 Acq: 19 Apr 2019 22:18

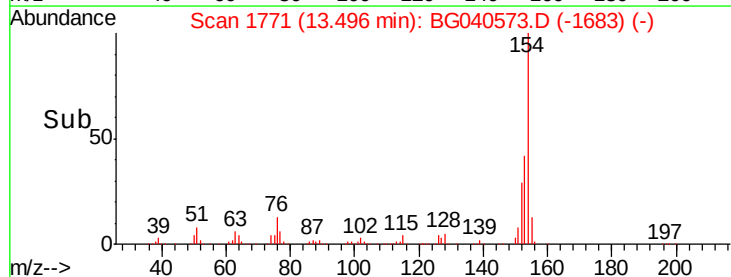
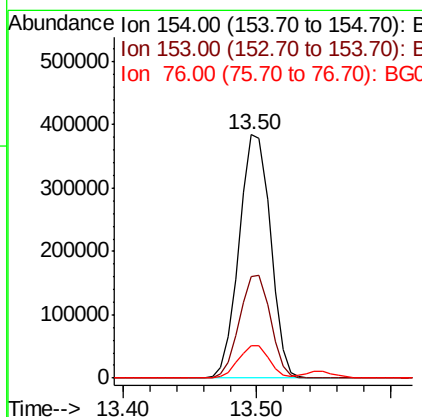
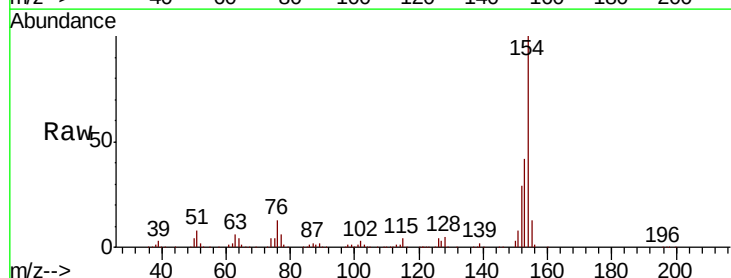
Instrument :
 BNA_G
 ClientSampleId :
 PB119049BSD

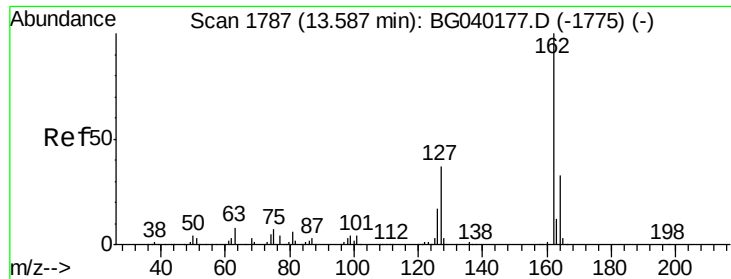
Tgt Ion:172 Resp: 1024794
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.5 45.7
 170 26.0 20.1 30.1



#46
 1,1'-Biphenyl
 Concen: 40.968 ng
 RT: 13.50 min Scan# 1771
 Delta R.T. -0.01 min
 Lab File: BG040573.D
 Acq: 19 Apr 2019 22:18

Tgt Ion:154 Resp: 626361
 Ion Ratio Lower Upper
 154 100
 153 41.8 22.5 62.5
 76 13.2 0.0 33.7

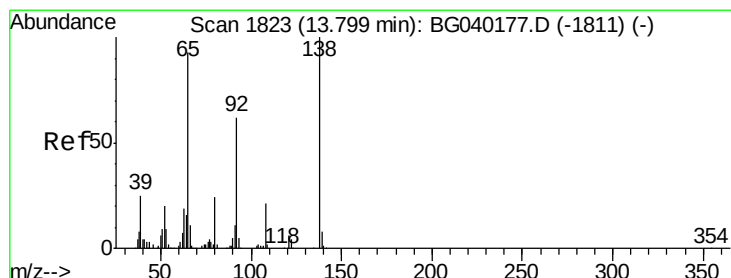
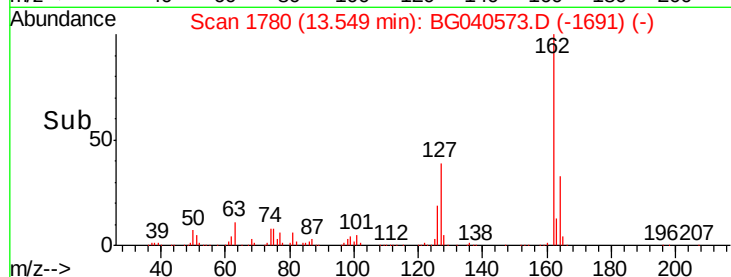
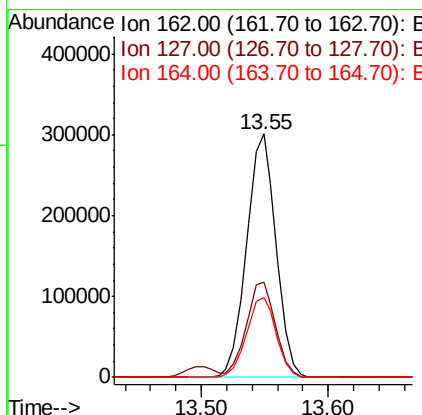
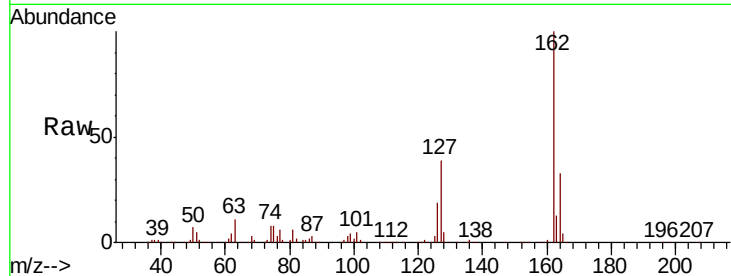




#47
2-Chloronaphthalene
Concen: 41.334 ng
RT: 13.55 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BG040573.D
Acq: 19 Apr 2019 22:18

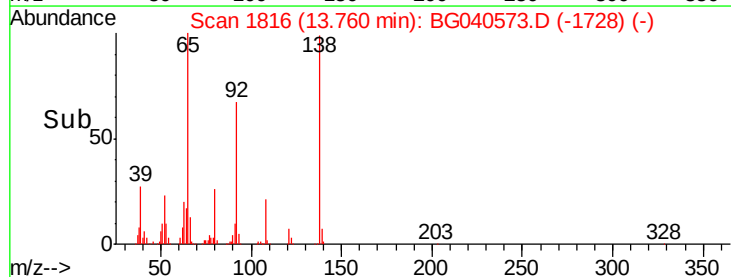
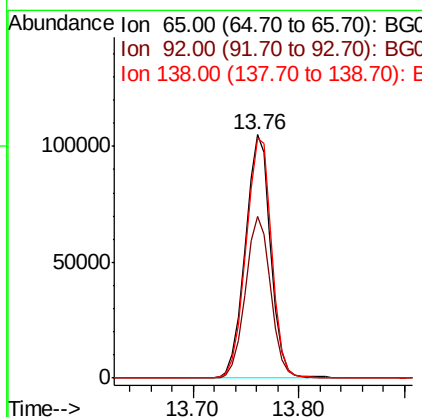
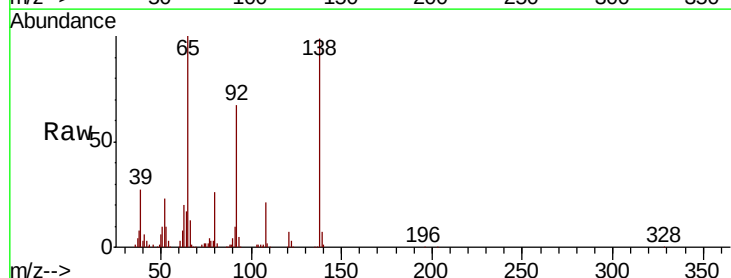
Instrument :
BNA_G
ClientSampleId :
PB119049BSD

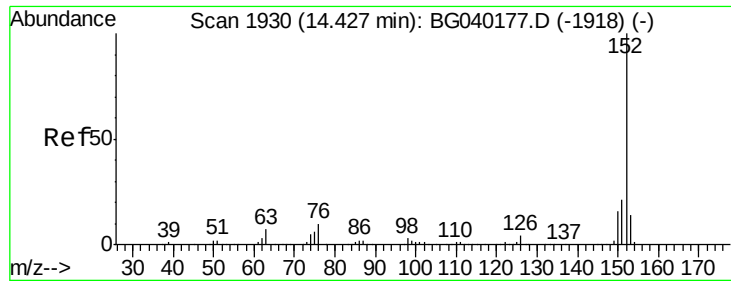
Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.2	30.6	45.8
164	32.8	26.2	39.4



#48
2-Nitroaniline
Concen: 44.218 ng
RT: 13.76 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG040573.D
Acq: 19 Apr 2019 22:18

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.6	53.8	80.6
138	98.6	86.3	129.5





#49

Acenaphthylene

Concen: 39.246 ng

RT: 14.39 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BG040573.D

Acq: 19 Apr 2019 22:18

Instrument :

BNA_G

ClientSampleId :

PB119049BSD

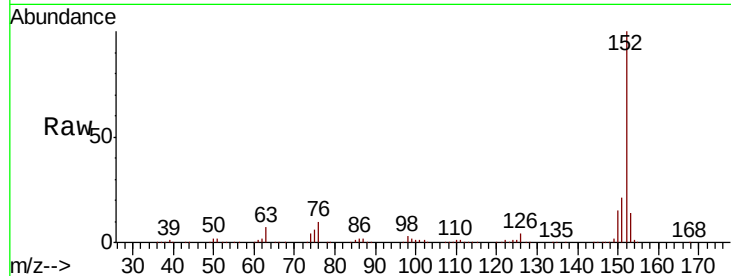
Tgt Ion:152 Resp: 780355

Ion Ratio Lower Upper

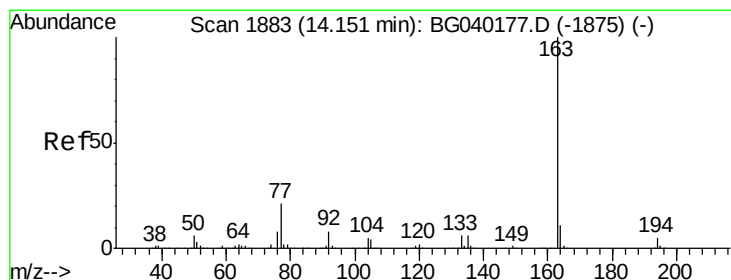
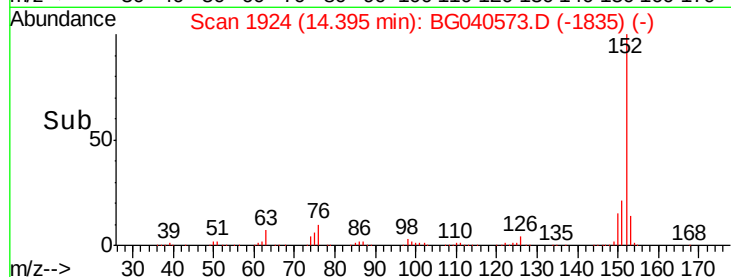
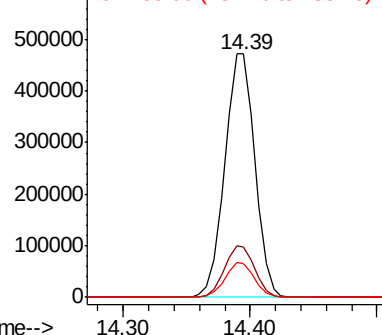
152 100

151 20.8 17.0 25.6

153 13.8 10.8 16.2



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



#50

Dimethylphthalate

Concen: 41.170 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG040573.D

Acq: 19 Apr 2019 22:18

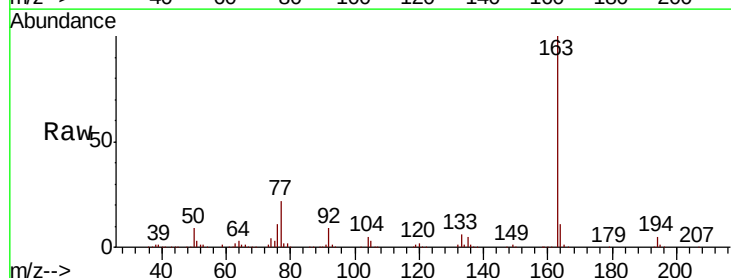
Tgt Ion:163 Resp: 623476

Ion Ratio Lower Upper

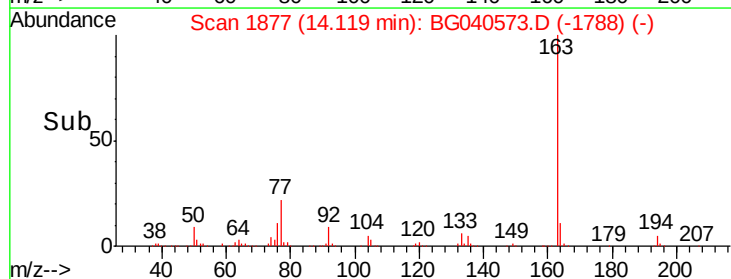
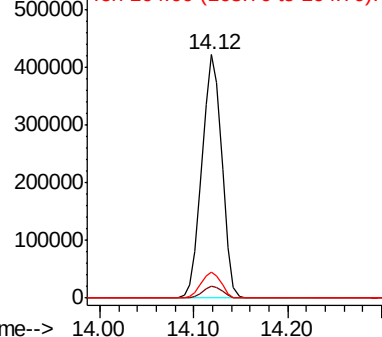
163 100

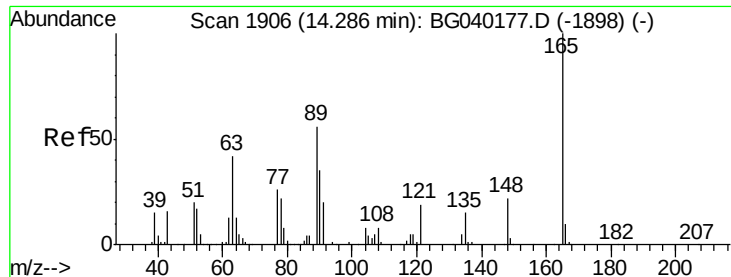
194 4.8 4.1 6.1

164 10.6 8.6 13.0



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

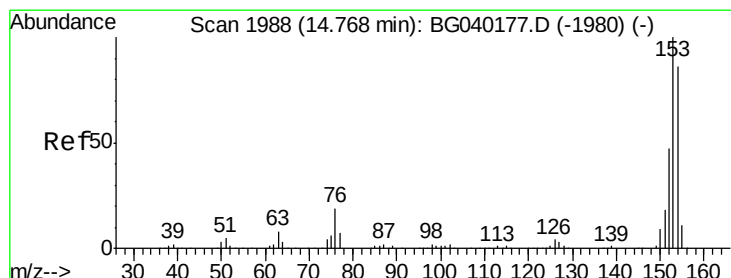
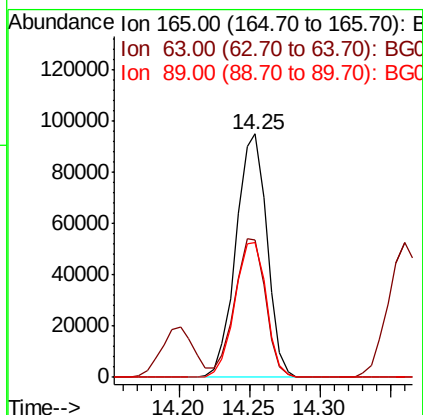
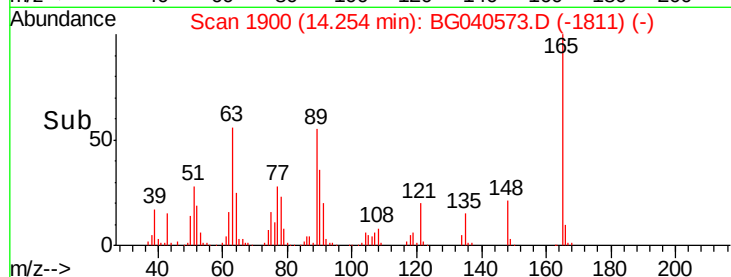
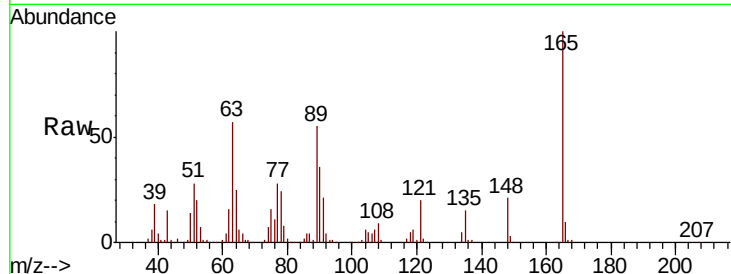




#51
 2,6-Dinitrotoluene
 Concen: 42.820 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BG040573.D
 Acq: 19 Apr 2019 22:18

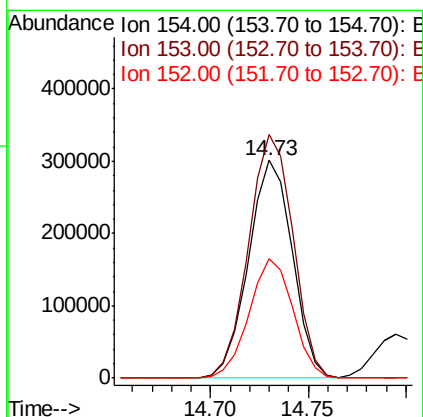
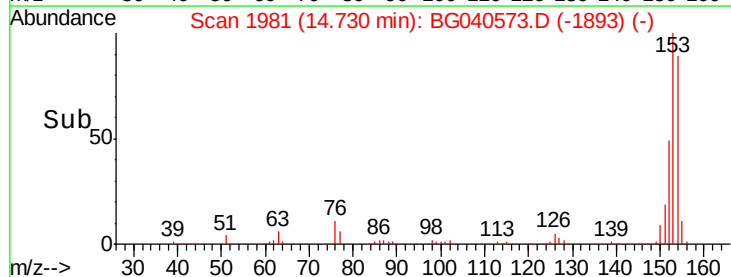
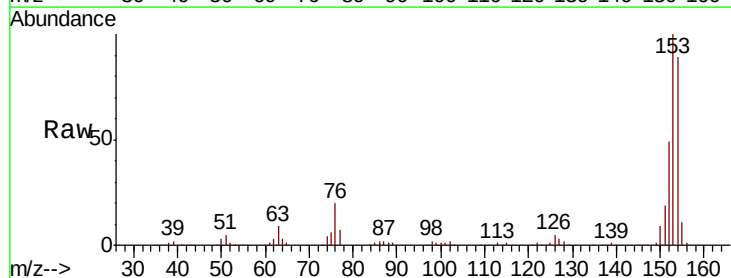
Instrument :
 BNA_G
 ClientSampleId :
 PB119049BSD

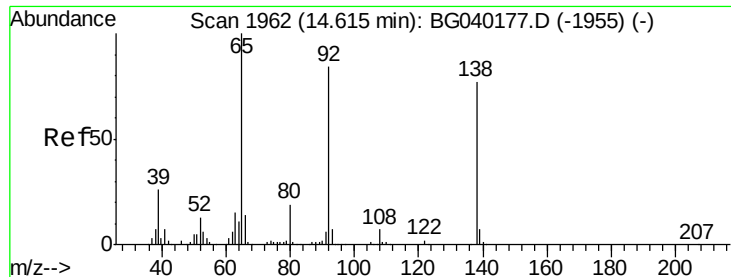
Tgt Ion:165 Resp: 145602
 Ion Ratio Lower Upper
 165 100
 63 56.6 44.1 66.1
 89 55.1 44.9 67.3



#52
 Acenaphthene
 Concen: 41.169 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.01 min
 Lab File: BG040573.D
 Acq: 19 Apr 2019 22:18

Tgt Ion:154 Resp: 469064
 Ion Ratio Lower Upper
 154 100
 153 111.8 92.8 139.2
 152 54.9 43.4 65.2





#53

3-Nitroaniline

Concen: 42.185 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG040573.D

Acq: 19 Apr 2019 22:18

Instrument :

BNA_G

ClientSampleId :

PB119049BSD

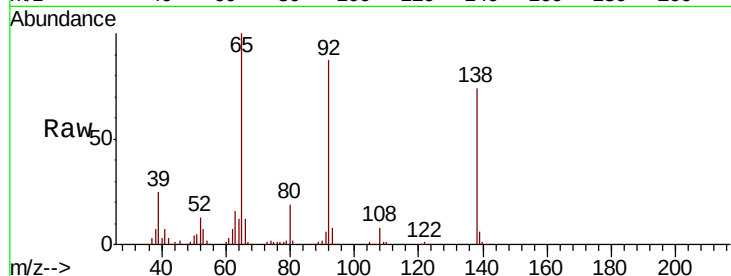
Tgt Ion:138 Resp: 151841

Ion Ratio Lower Upper

138 100

108 10.9 7.8 11.8

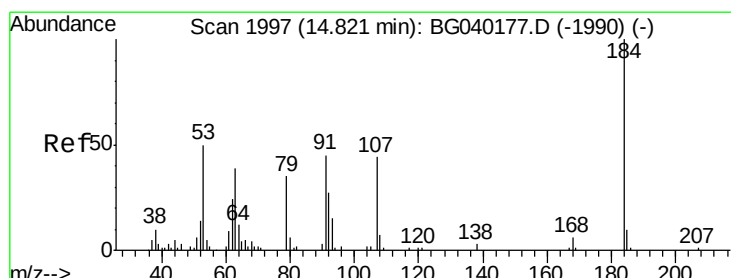
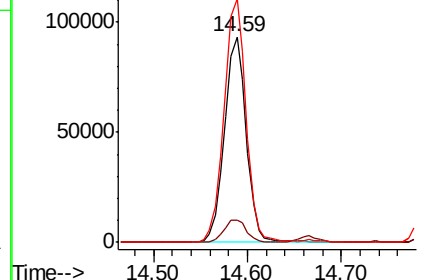
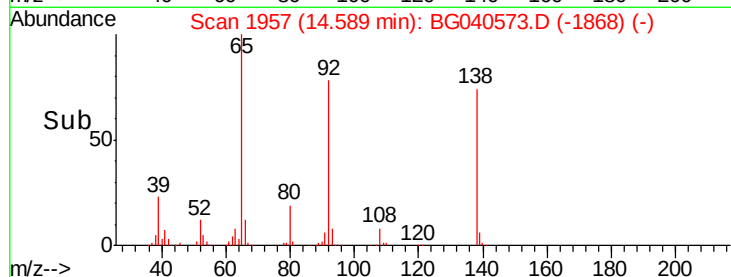
92 118.3 87.5 131.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 95.338 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BG040573.D

Acq: 19 Apr 2019 22:18

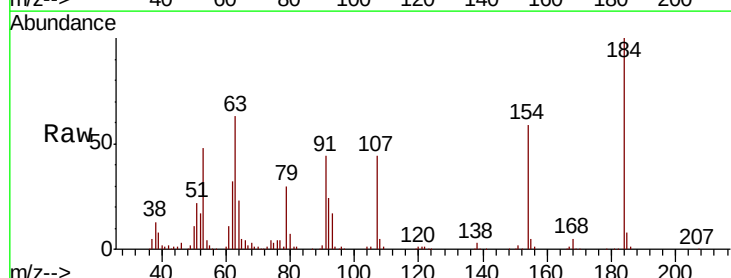
Tgt Ion:184 Resp: 172408

Ion Ratio Lower Upper

184 100

63 63.1 51.8 77.8

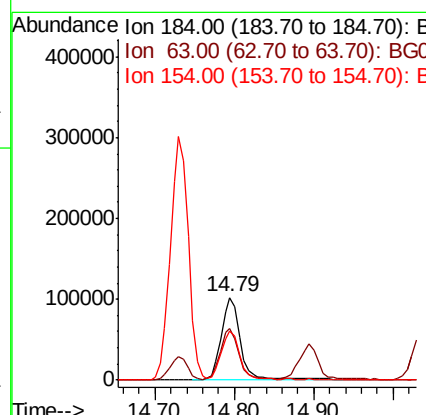
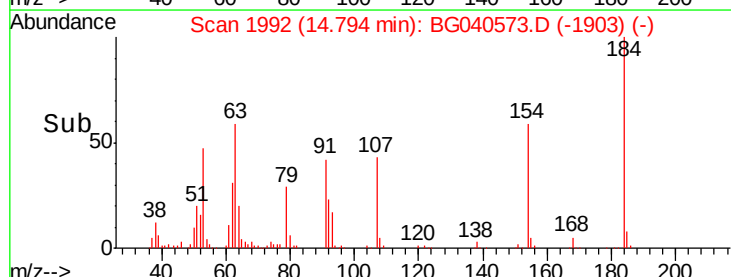
154 58.7 50.9 76.3

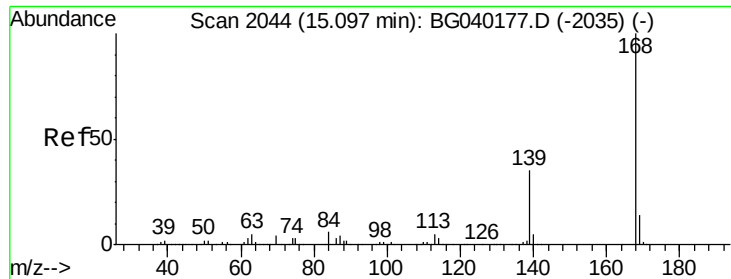


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

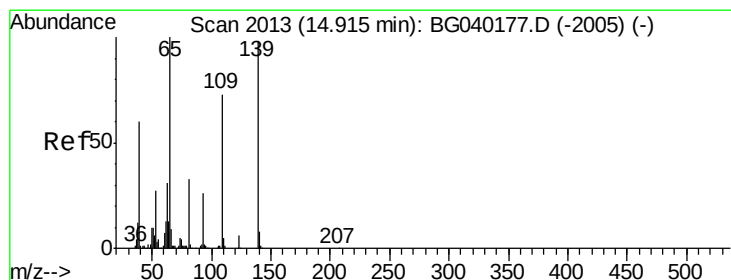
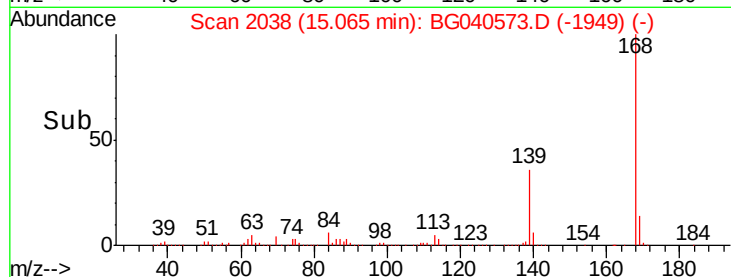
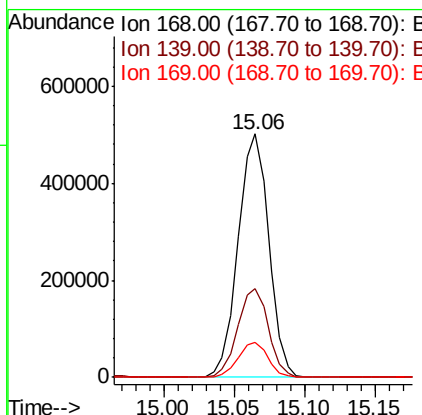
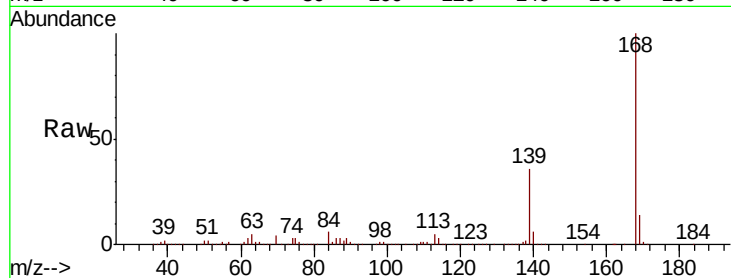




#55
Dibenzenofuran
Concen: 41.612 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BG040573.D
Acq: 19 Apr 2019 22:18

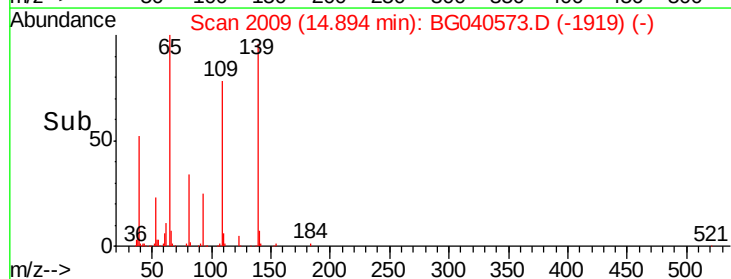
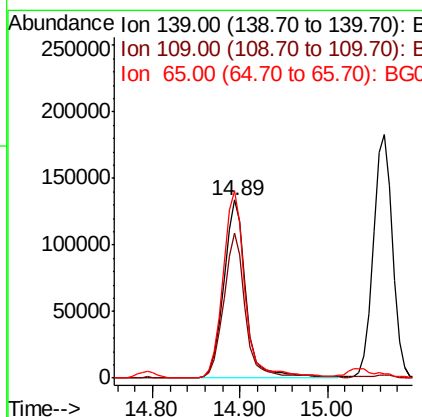
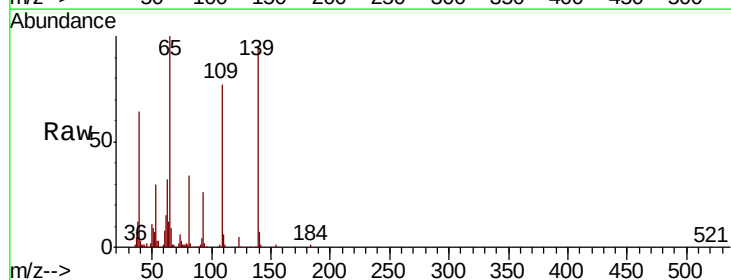
Instrument :
BNA_G
ClientSampleId :
PB119049BSD

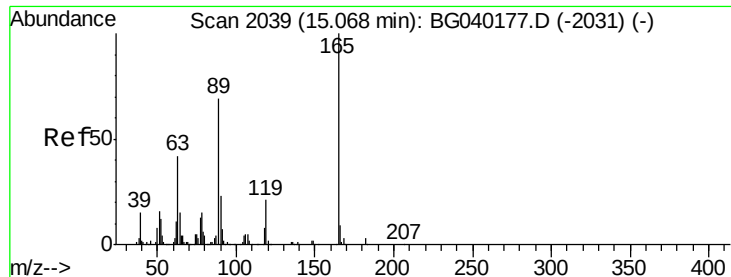
Tgt Ion:168 Resp: 761838
Ion Ratio Lower Upper
168 100
139 36.4 27.9 41.9
169 14.1 11.3 16.9



#56
4-Nitrophenol
Concen: 80.929 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BG040573.D
Acq: 19 Apr 2019 22:18

Tgt Ion:139 Resp: 235098
Ion Ratio Lower Upper
139 100
109 81.5 54.3 94.3
65 105.4 82.5 122.5





#57

2,4-Dinitrotoluene

Concen: 43.112 ng

RT: 15.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BG040573.D

Acq: 19 Apr 2019 22:18

Instrument :

BNA_G

ClientSampleId :

PB119049BSD

Tgt Ion:165 Resp: 203696

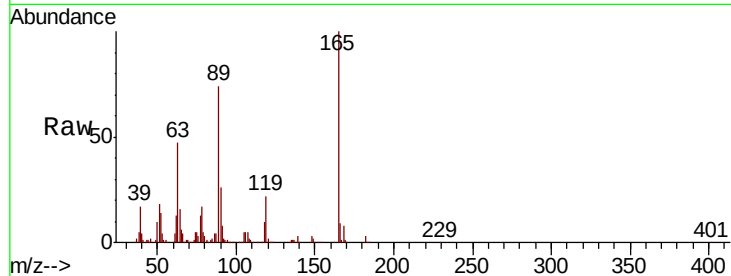
Ion Ratio Lower Upper

165 100

63 47.3 33.8 50.6

89 74.0 55.4 83.2

182 2.8 2.2 3.4

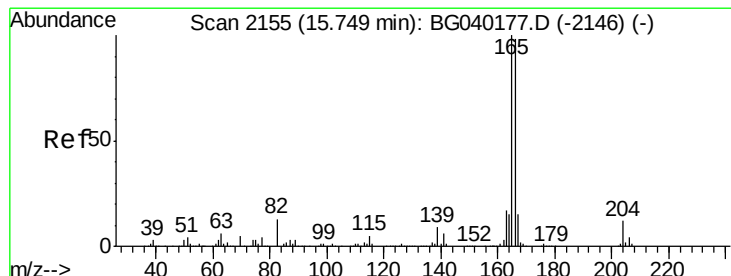
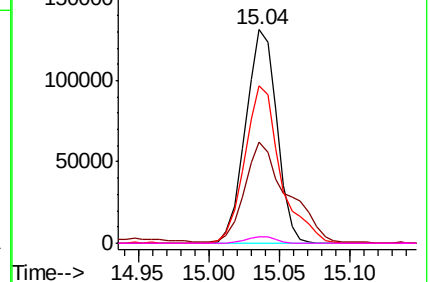
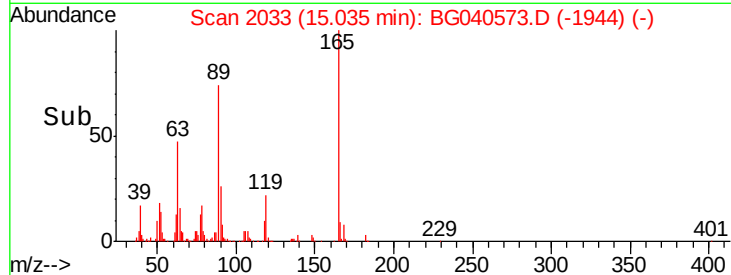


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 41.817 ng

RT: 15.71 min Scan# 2148

Delta R.T. -0.01 min

Lab File: BG040573.D

Acq: 19 Apr 2019 22:18

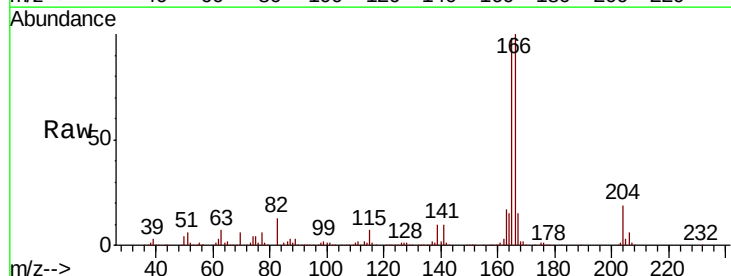
Tgt Ion:166 Resp: 601920

Ion Ratio Lower Upper

166 100

165 98.1 81.7 122.5

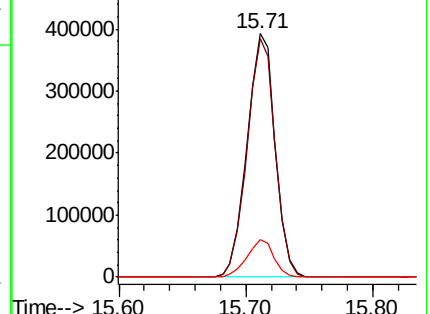
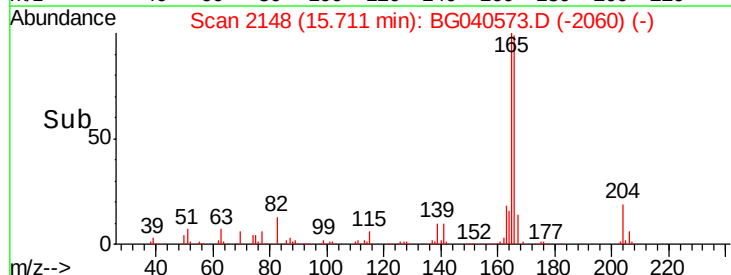
167 15.3 11.9 17.9

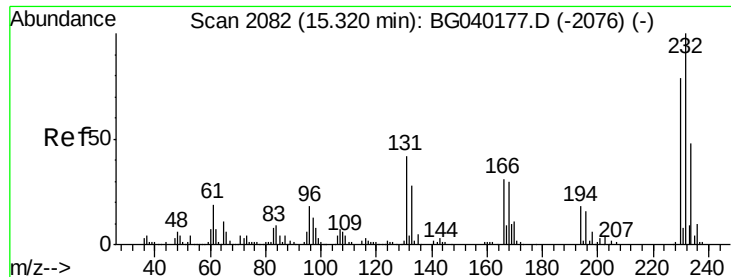


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

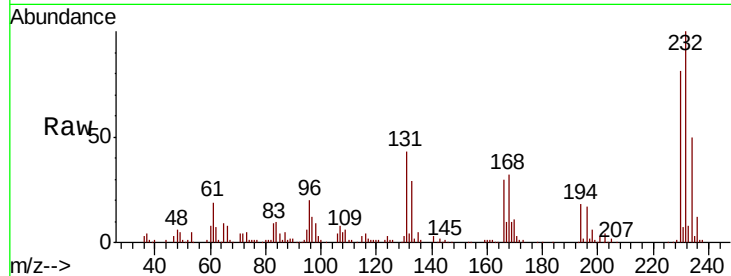




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.982 ng
 RT: 15.29 min Scan# 2076
 Delta R.T. -0.01 min
 Lab File: BG040573.D
 Acq: 19 Apr 2019 22:18

Instrument :
 BNA_G
 ClientSampleId :
 PB119049BSD

Tgt Ion:	232	Resp:	156806
Ion	Ratio	Lower	Upper
232	100		
131	42.2	32.9	49.3
130	2.4	1.8	2.8
166	29.4	23.5	35.3



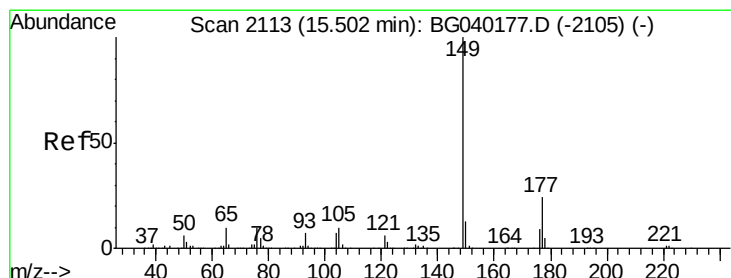
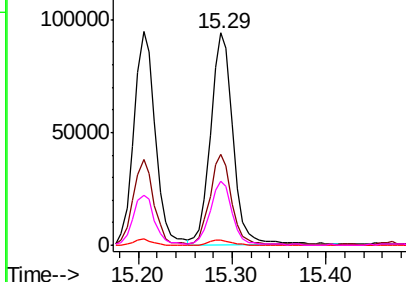
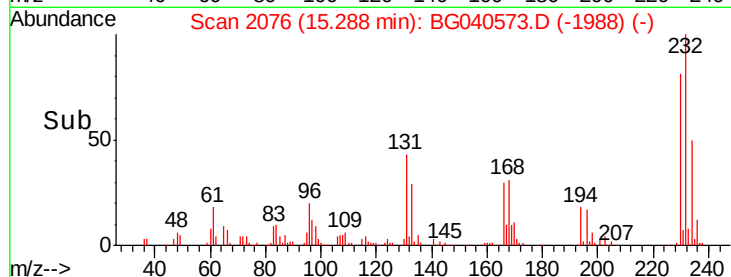
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

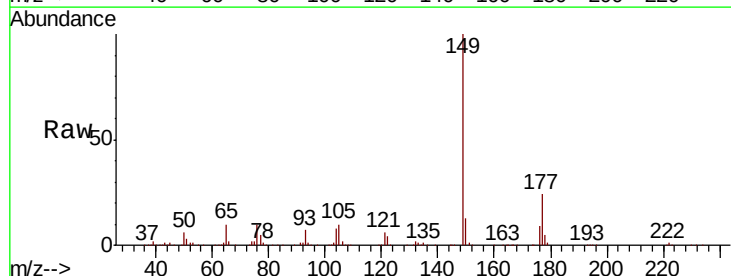
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 41.851 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BG040573.D
 Acq: 19 Apr 2019 22:18

Tgt Ion:	149	Resp:	648547
Ion	Ratio	Lower	Upper
149	100		
177	24.0	19.1	28.7
150	13.4	10.6	15.8

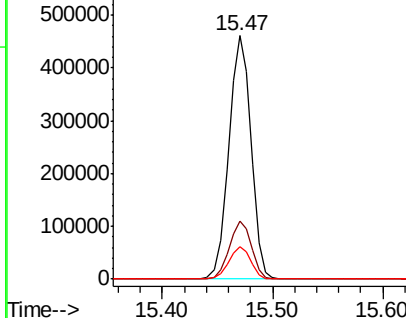
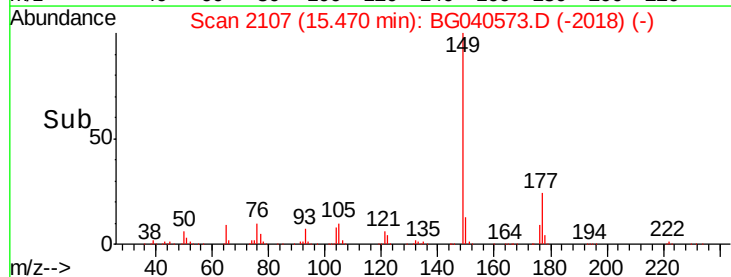


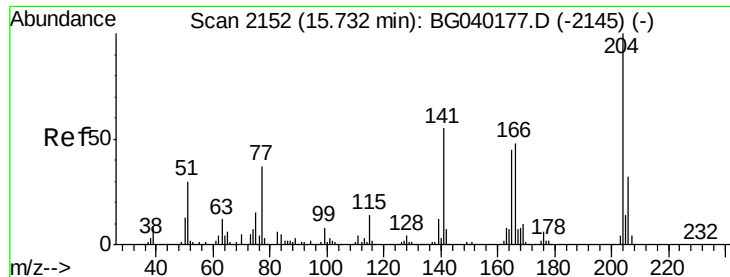
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

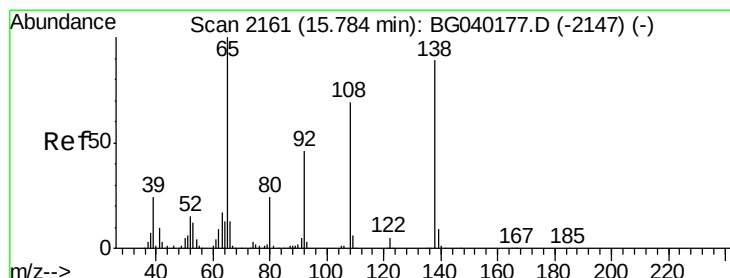
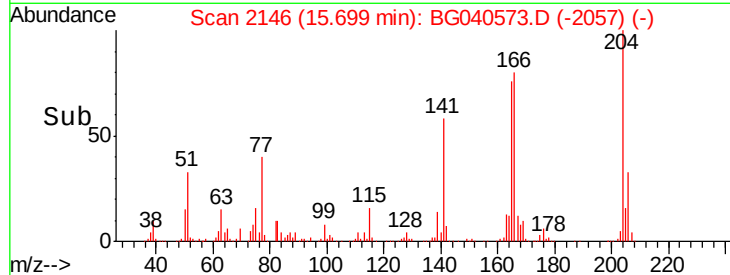
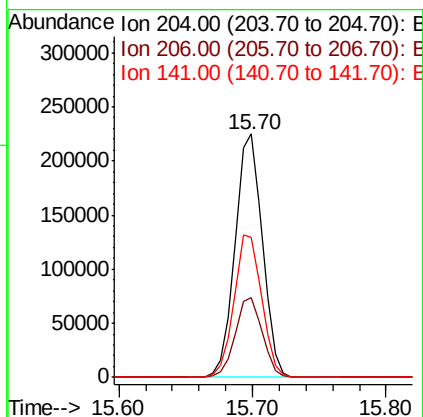
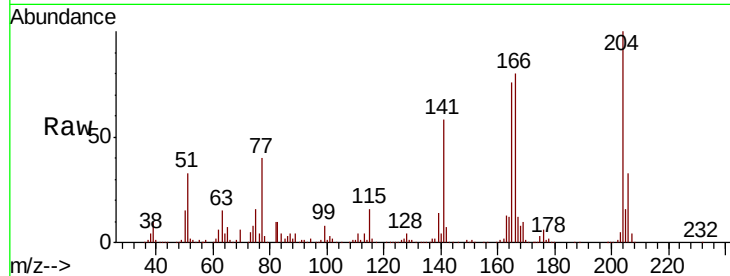




#61
 4-Chlorophenyl-phenylether
 Concen: 41.472 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BG040573.D
 Acq: 19 Apr 2019 22:18

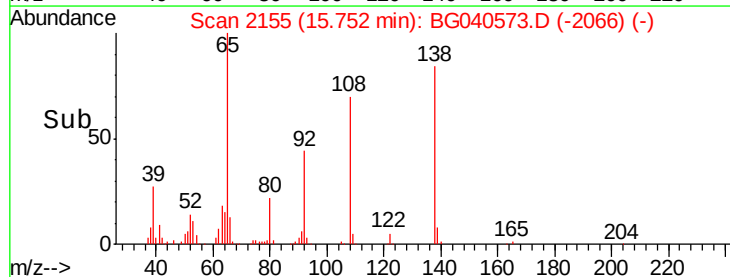
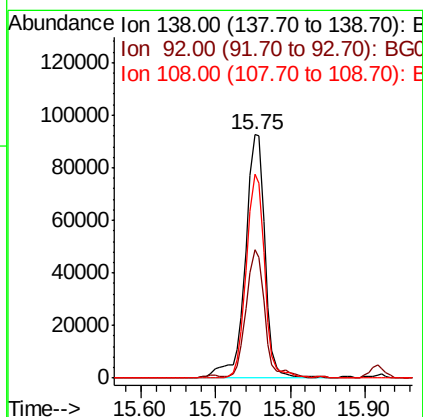
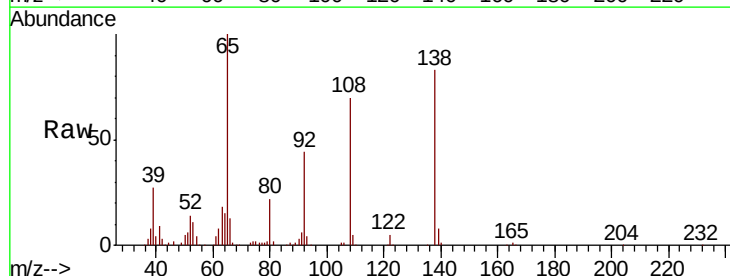
Instrument :
 BNA_G
 ClientSampleId :
 PB119049BSD

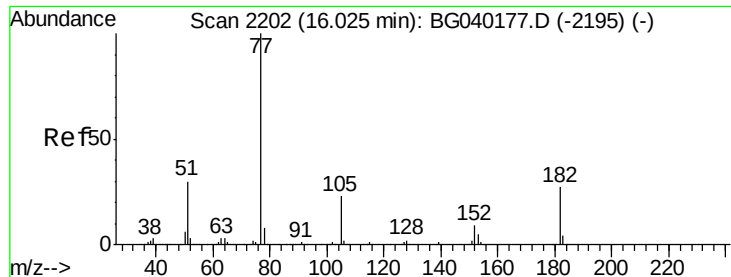
Tgt Ion: 204 Resp: 319088
 Ion Ratio Lower Upper
 204 100
 206 33.0 25.7 38.5
 141 57.6 44.0 66.0



#62
 4-Nitroaniline
 Concen: 43.979 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BG040573.D
 Acq: 19 Apr 2019 22:18

Tgt Ion: 138 Resp: 169878
 Ion Ratio Lower Upper
 138 100
 92 52.6 31.8 71.8
 108 83.9 57.2 97.2





#63

Azobenzene

Concen: 41.894 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG040573.D

Acq: 19 Apr 2019 22:18

Instrument :

BNA_G

ClientSampleId :

PB119049BSD

Tgt Ion: 77 Resp: 612387

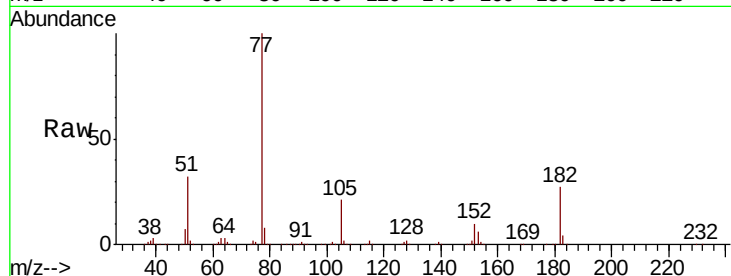
Ion Ratio Lower Upper

77 100

182 27.0 7.2 47.2

105 21.4 2.8 42.8

51 32.1 10.4 50.4

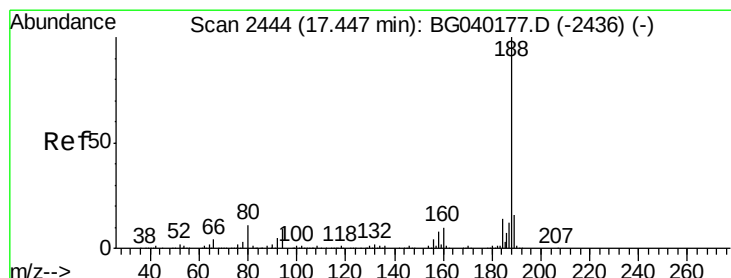
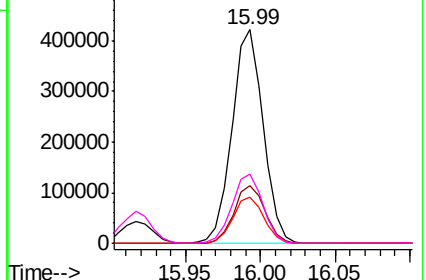
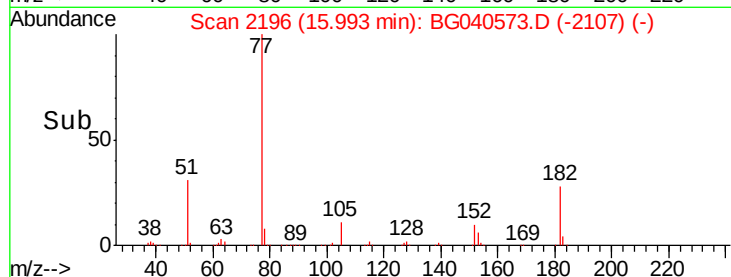


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG040573.D

Acq: 19 Apr 2019 22:18

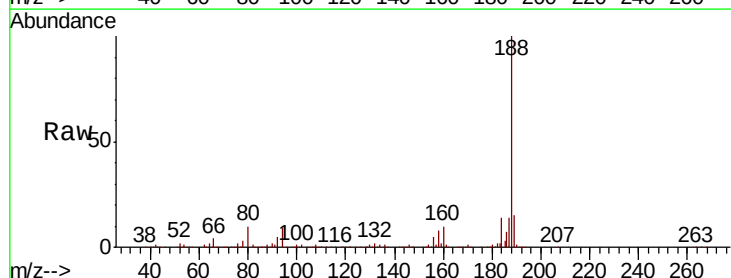
Tgt Ion: 188 Resp: 449438

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.4

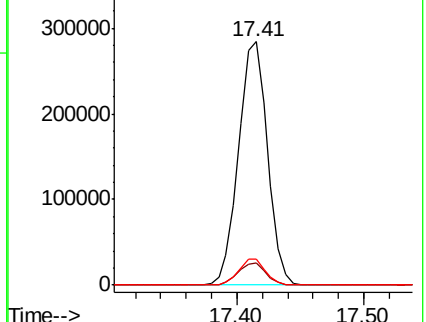
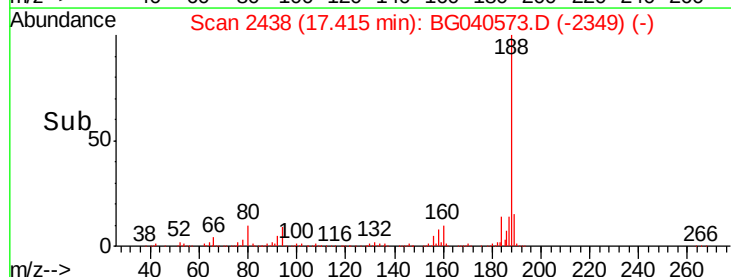
80 10.4 8.6 13.0

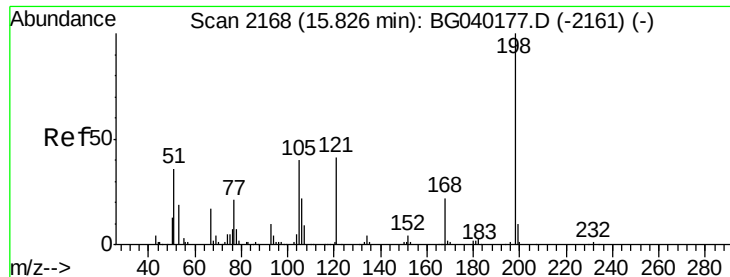


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 47.076 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG040573.D

Acq: 19 Apr 2019 22:18

Instrument :

BNA_G

ClientSampleId :

PB119049BSD

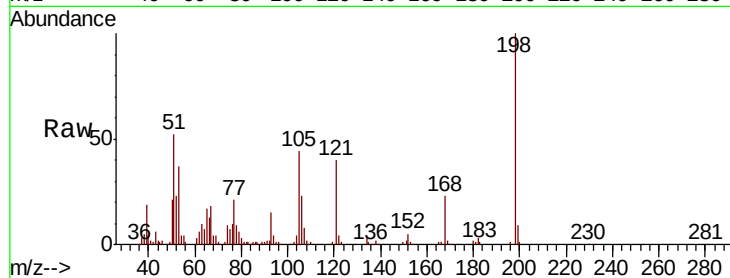
Tgt Ion:198 Resp: 118868

Ion Ratio Lower Upper

198 100

51 51.7 27.3 67.3

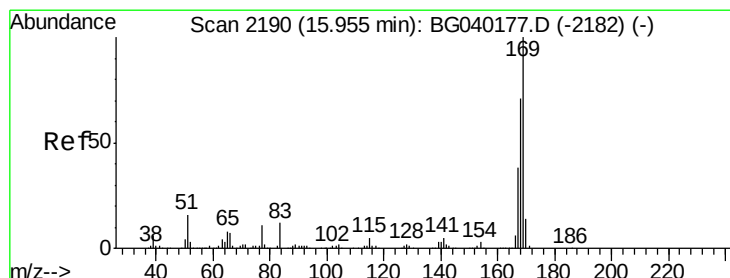
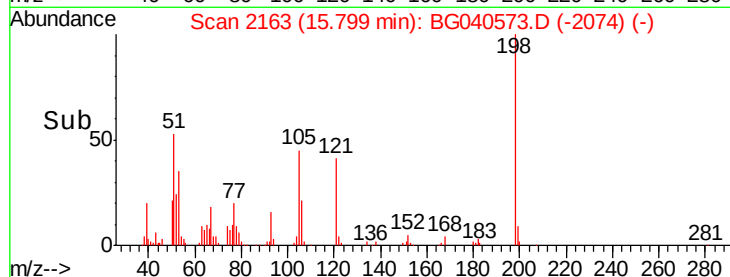
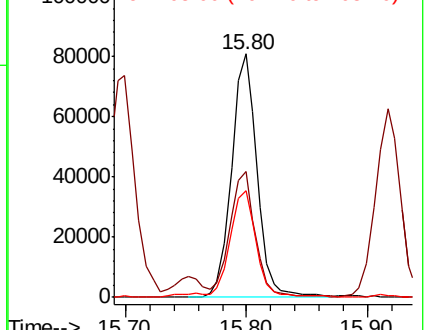
105 43.9 21.7 61.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.892 ng

RT: 15.92 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG040573.D

Acq: 19 Apr 2019 22:18

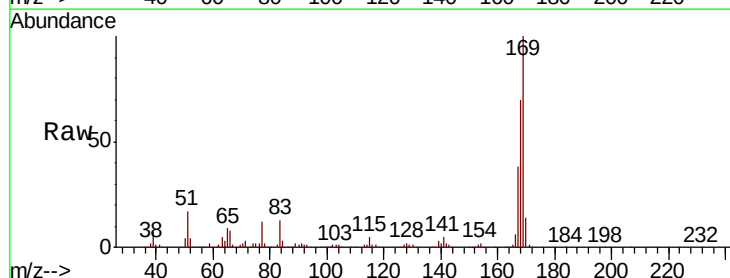
Tgt Ion:169 Resp: 550962

Ion Ratio Lower Upper

169 100

168 70.4 56.8 85.2

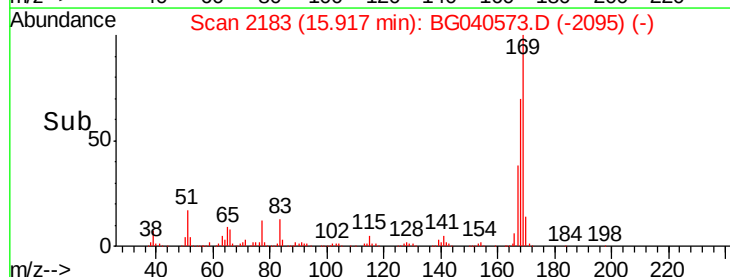
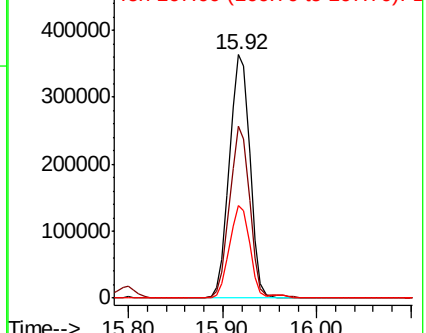
167 38.2 30.2 45.4

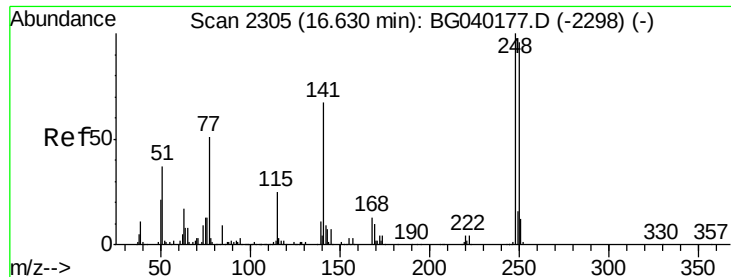


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

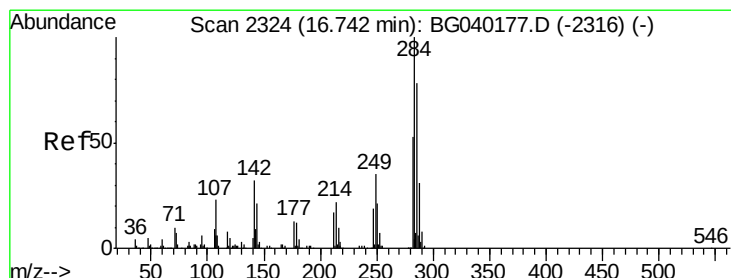
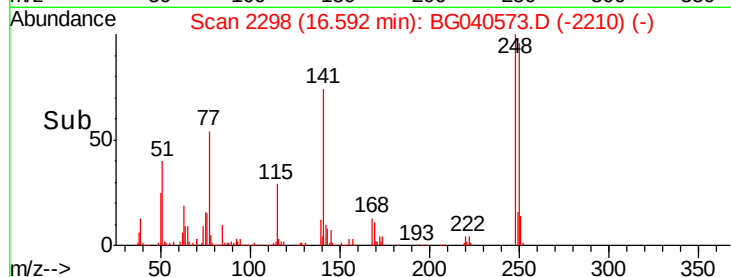
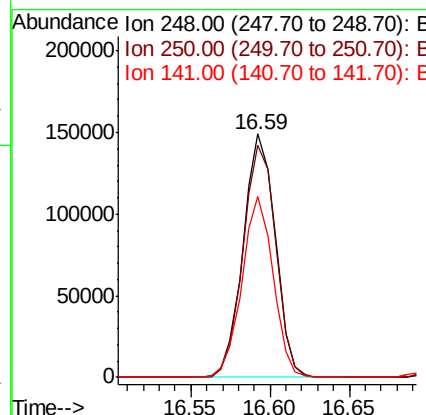
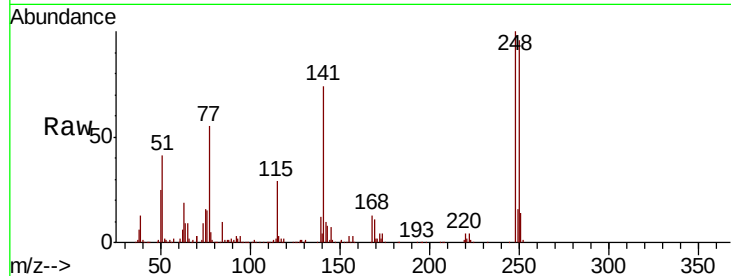




#67
4-Bromophenyl-phenylether
Concen: 41.358 ng
RT: 16.59 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BG040573.D
Acq: 19 Apr 2019 22:18

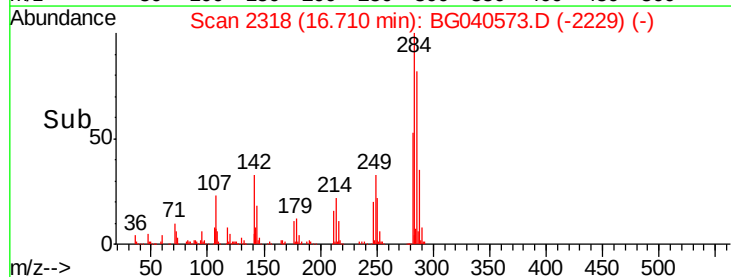
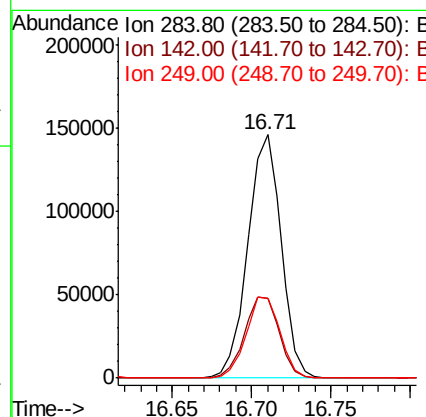
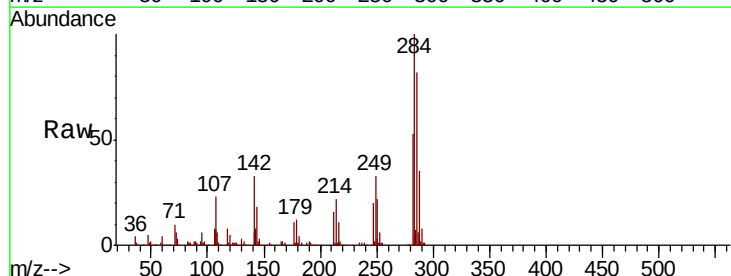
Instrument :
BNA_G
ClientSampleId :
PB119049BSD

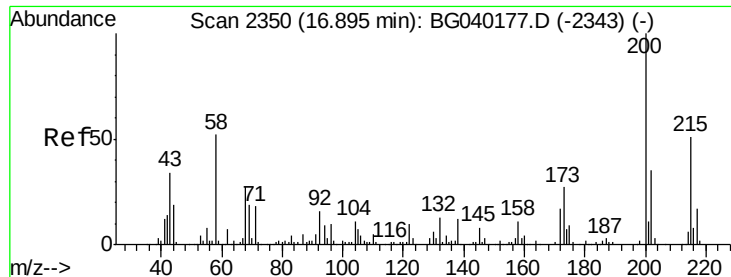
Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.5	76.4	114.6
141	74.2	53.8	80.8



#68
Hexachlorobenzene
Concen: 41.892 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.01 min
Lab File: BG040573.D
Acq: 19 Apr 2019 22:18

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.9	25.3	37.9
249	35.2	28.2	42.2





#69

Atrazine

Concen: 9.820 ng

RT: 16.86 min Scan# 2343

Delta R.T. -0.01 min

Lab File: BG040573.D

Acq: 19 Apr 2019 22:18

Instrument :

BNA_G

ClientSampleId :

PB119049BSD

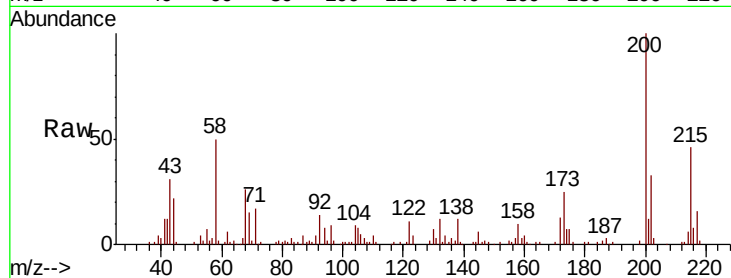
Tgt Ion:200 Resp: 48042

Ion Ratio Lower Upper

200 100

173 24.8 7.1 47.1

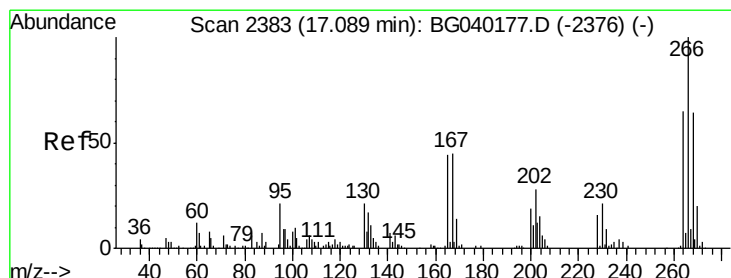
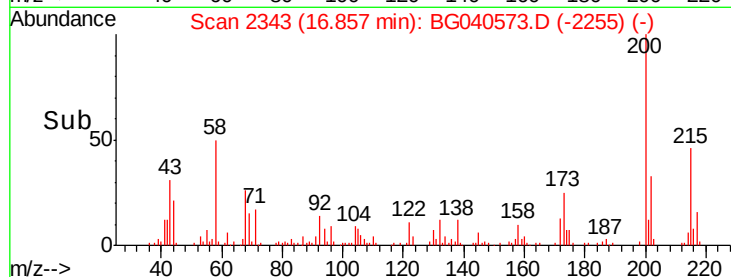
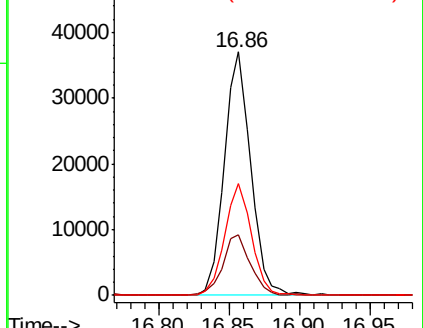
215 45.8 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 68.418 ng

RT: 17.06 min Scan# 2378

Delta R.T. -0.01 min

Lab File: BG040573.D

Acq: 19 Apr 2019 22:18

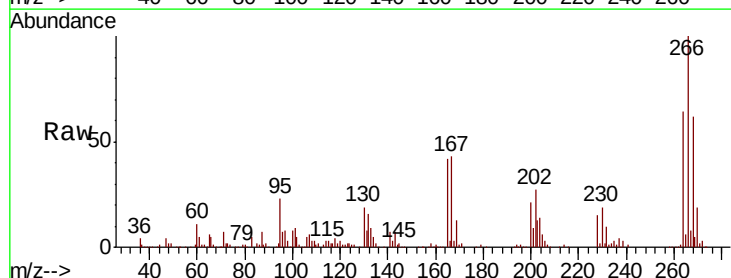
Tgt Ion:266 Resp: 201151

Ion Ratio Lower Upper

266 100

268 61.9 55.0 82.4

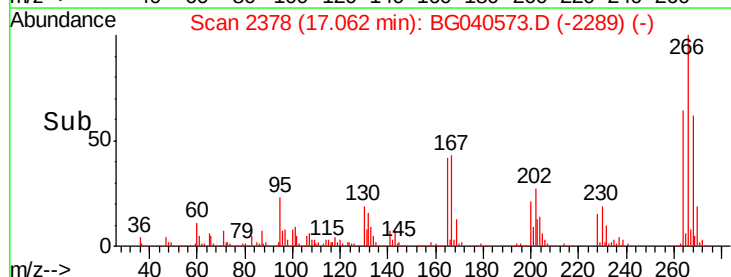
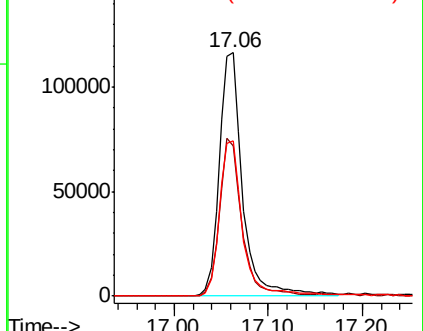
264 64.0 51.8 77.8

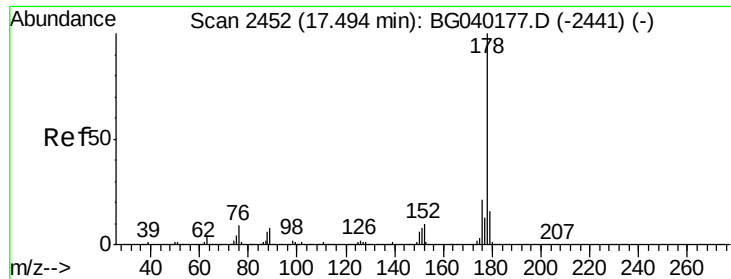


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

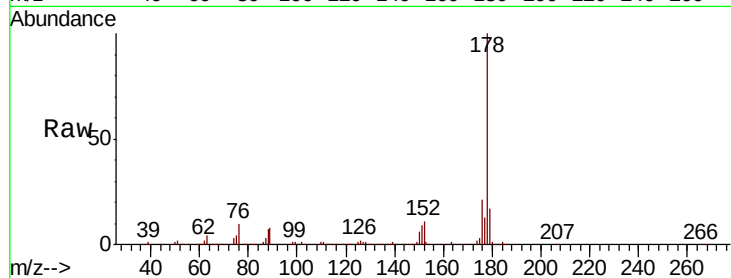




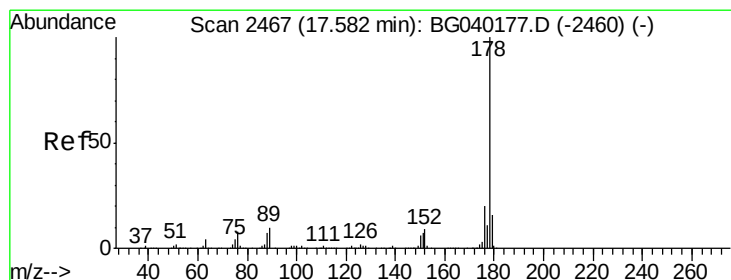
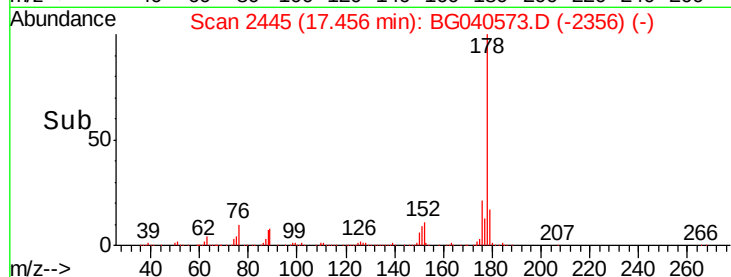
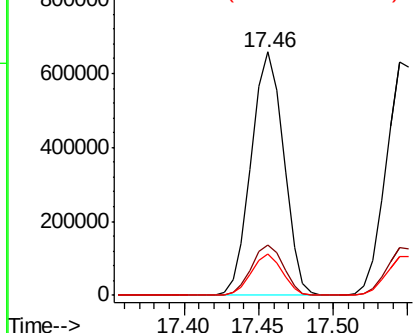
#71
Phenanthrene
Concen: 42.053 ng
RT: 17.46 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG040573.D
Acq: 19 Apr 2019 22:18

Instrument :
BNA_G
ClientSampleId :
PB119049BSD

Tgt Ion:178 Resp: 993426
Ion Ratio Lower Upper
178 100
176 20.6 16.7 25.1
179 17.0 12.8 19.2

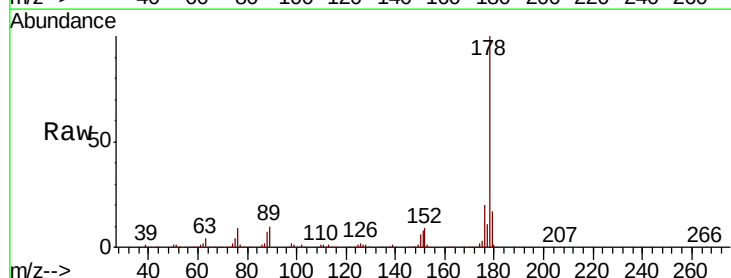


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

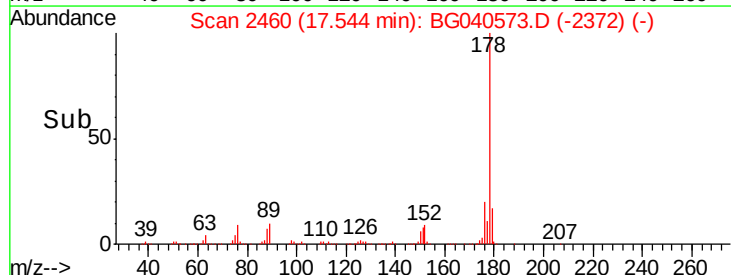
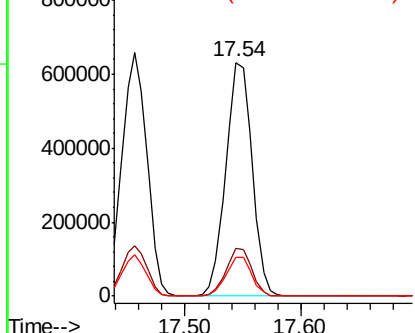


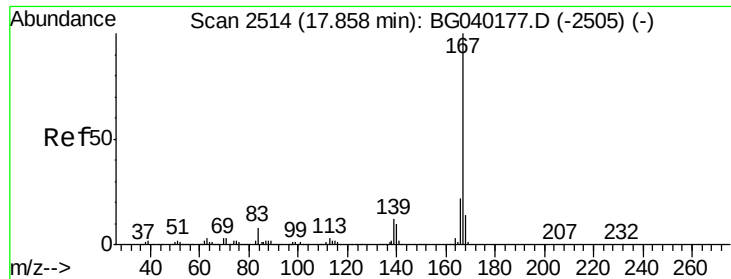
#72
Anthracene
Concen: 42.166 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG040573.D
Acq: 19 Apr 2019 22:18

Tgt Ion:178 Resp: 997027
Ion Ratio Lower Upper
178 100
176 20.4 15.9 23.9
179 16.6 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 42.515 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.01 min

Lab File: BG040573.D

Acq: 19 Apr 2019 22:18

Instrument :

BNA_G

ClientSampleId :

PB119049BSD

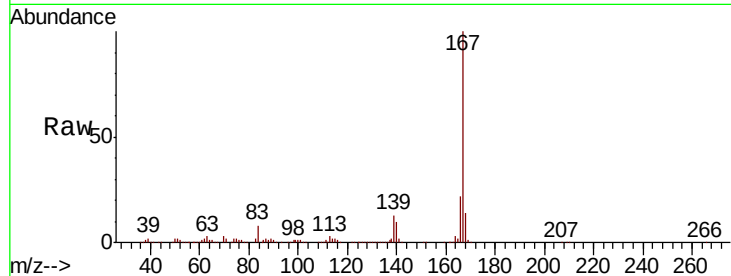
Tgt Ion:167 Resp: 951363

Ion Ratio Lower Upper

167 100

166 22.2 17.5 26.3

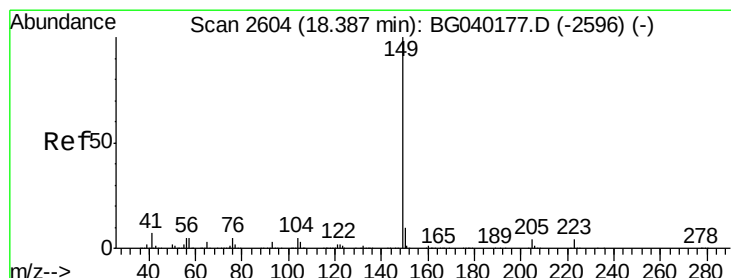
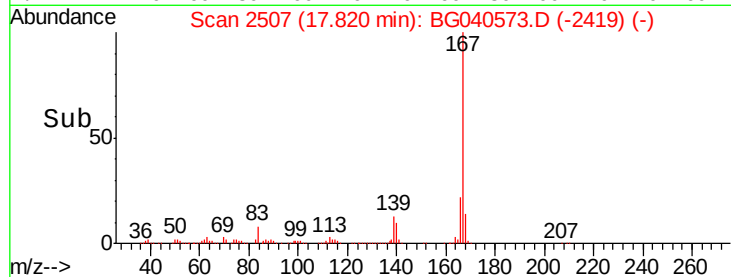
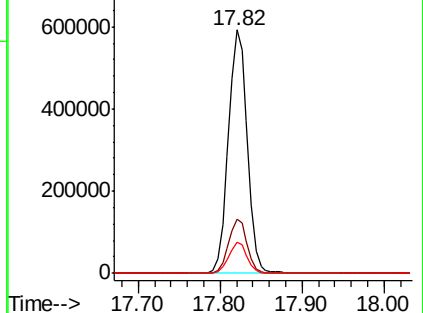
139 12.8 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.047 ng

RT: 18.35 min Scan# 2597

Delta R.T. -0.01 min

Lab File: BG040573.D

Acq: 19 Apr 2019 22:18

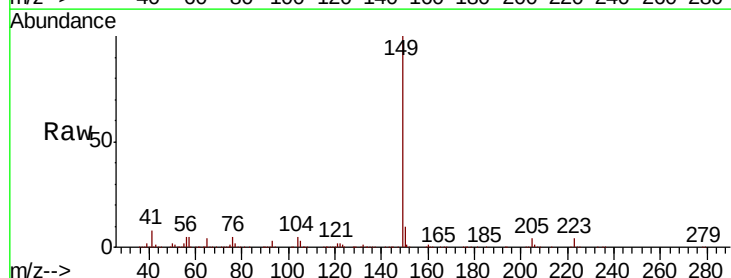
Tgt Ion:149 Resp: 1115303

Ion Ratio Lower Upper

149 100

150 10.0 7.9 11.9

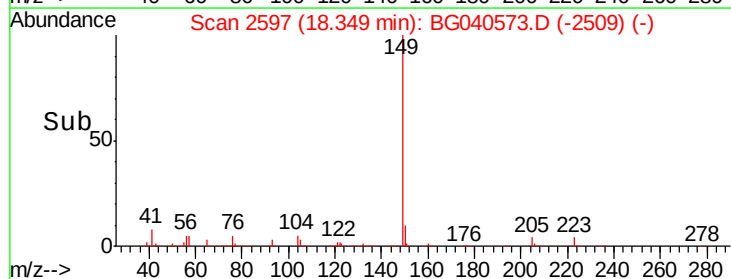
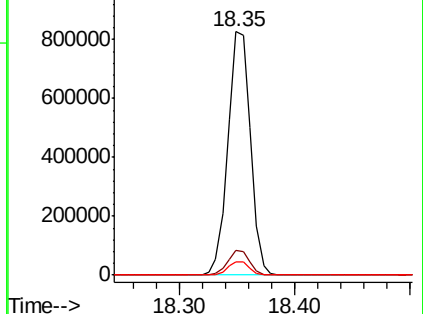
104 5.4 4.1 6.1

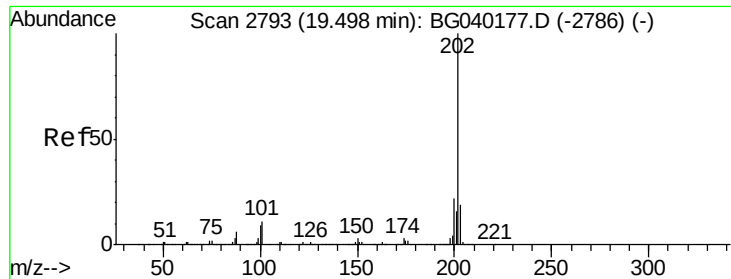


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.238 ng

RT: 19.47 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG040573.D

Acq: 19 Apr 2019 22:18

Instrument :

BNA_G

ClientSampleId :

PB119049BSD

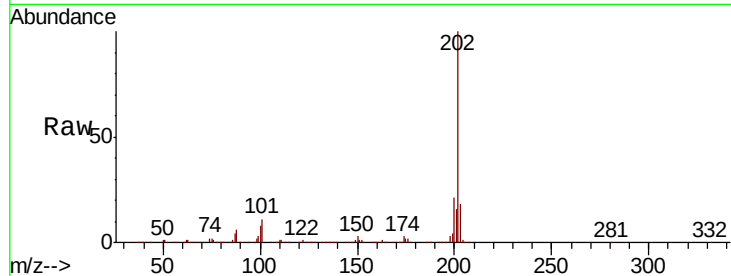
Tgt Ion:202 Resp: 1181510

Ion Ratio Lower Upper

202 100

101 11.0 0.0 30.8

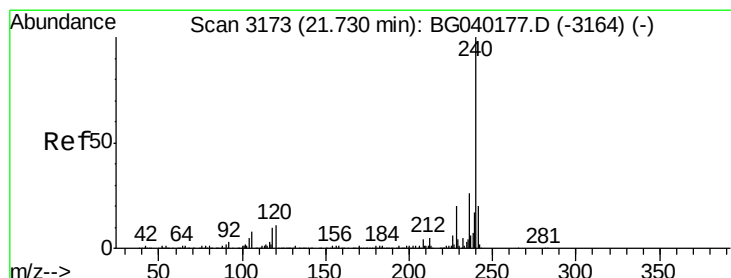
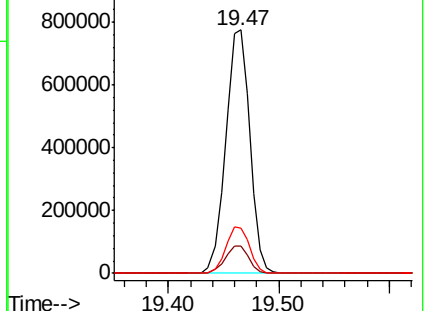
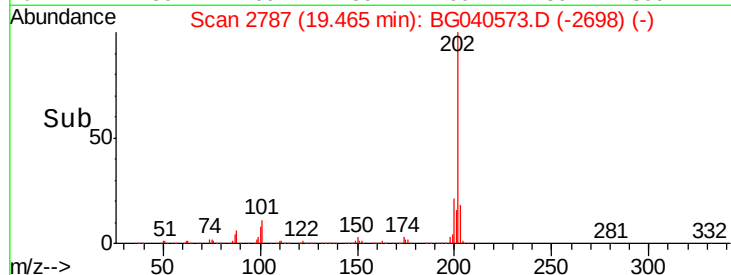
203 18.4 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG040573.D

Acq: 19 Apr 2019 22:18

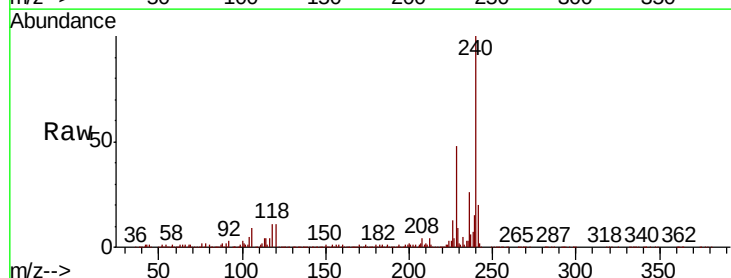
Tgt Ion:240 Resp: 484524

Ion Ratio Lower Upper

240 100

120 11.0 8.4 12.6

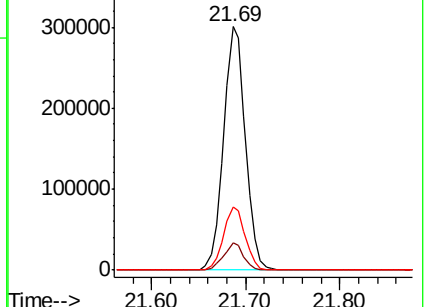
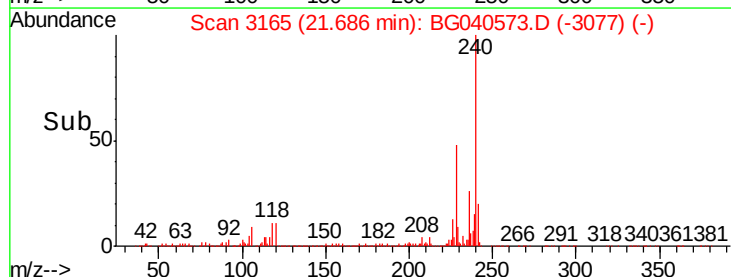
236 26.0 20.8 31.2

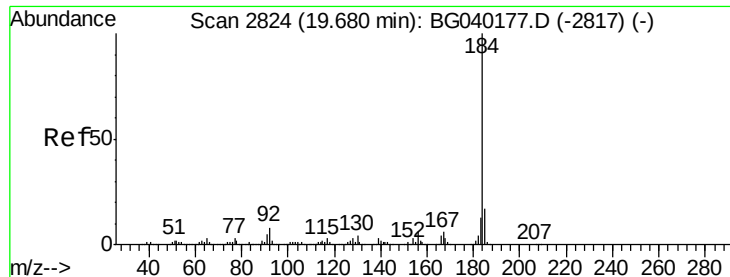


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.728 ng

RT: 19.65 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BG040573.D

Acq: 19 Apr 2019 22:18

Instrument :

BNA_G

ClientSampleId :

PB119049BSD

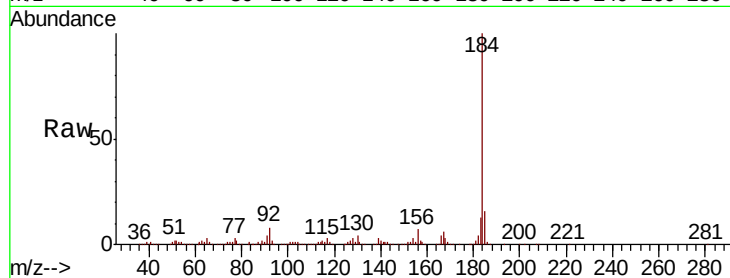
Tgt Ion:184 Resp: 607621

Ion Ratio Lower Upper

184 100

185 16.0 13.3 19.9

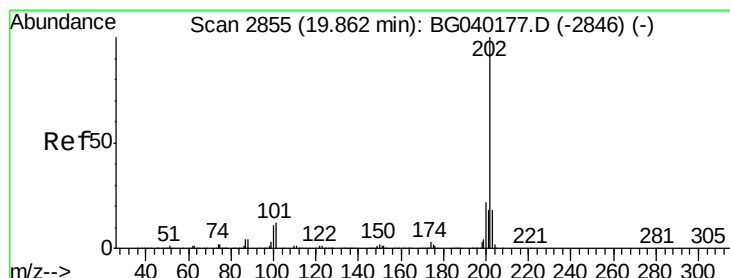
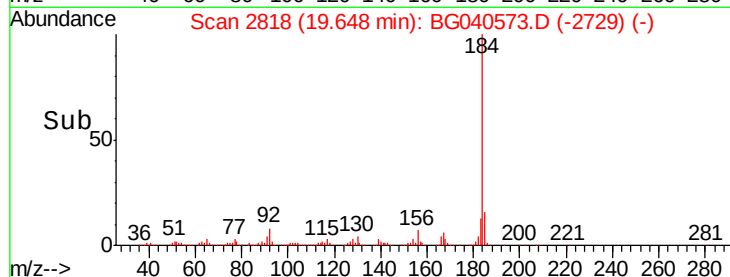
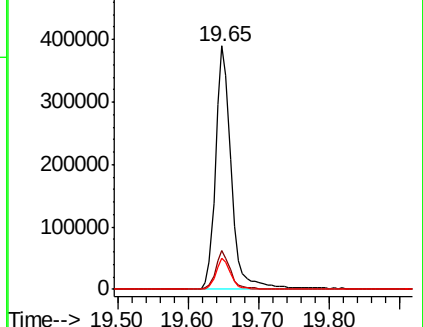
183 12.8 10.3 15.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.935 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG040573.D

Acq: 19 Apr 2019 22:18

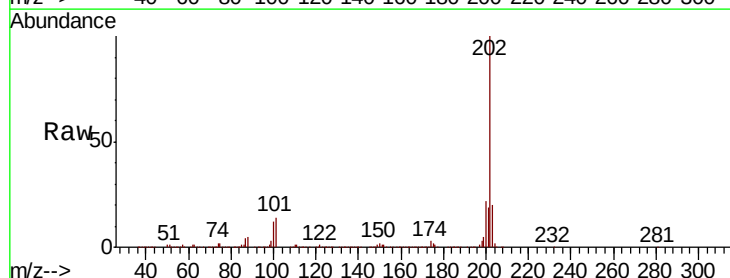
Tgt Ion:202 Resp: 1176859

Ion Ratio Lower Upper

202 100

200 21.9 17.3 25.9

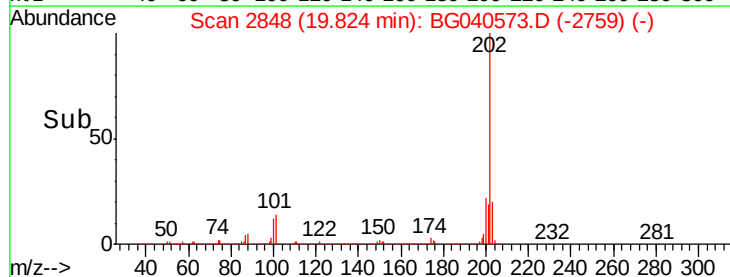
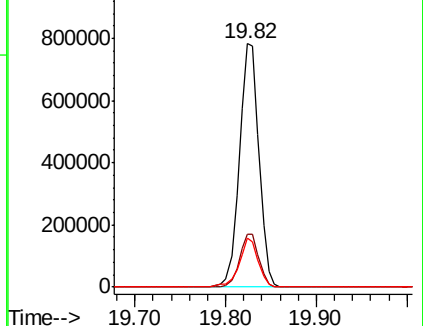
203 20.3 14.6 22.0

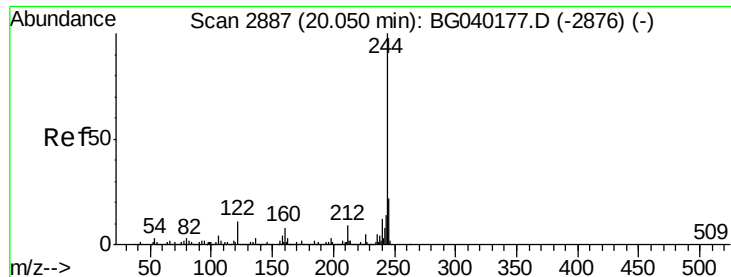


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.358 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG040573.D

Acq: 19 Apr 2019 22:18

Instrument :

BNA_G

ClientSampled :

PB119049BSD

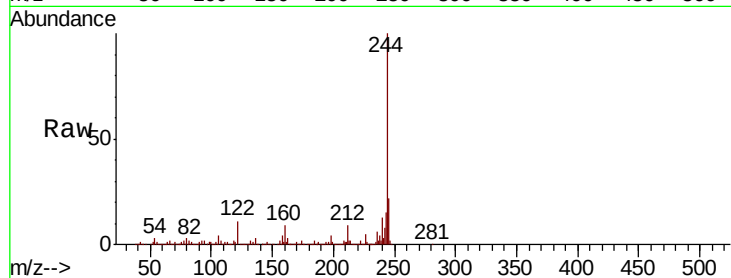
Tgt Ion:244 Resp: 1601503

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

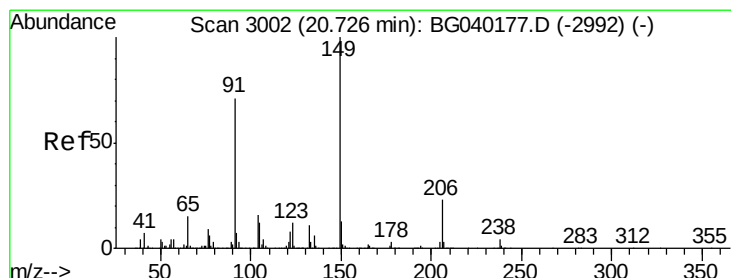
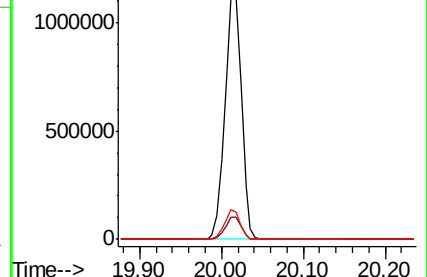
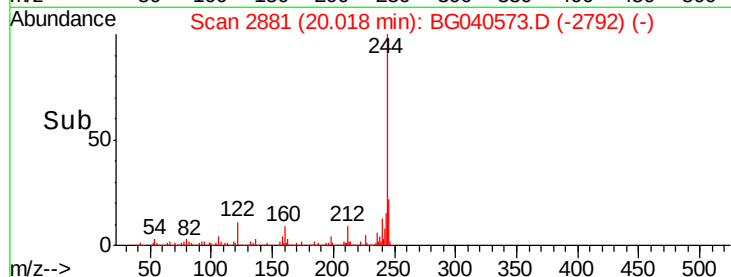
122 11.1 8.5 12.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.937 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.01 min

Lab File: BG040573.D

Acq: 19 Apr 2019 22:18

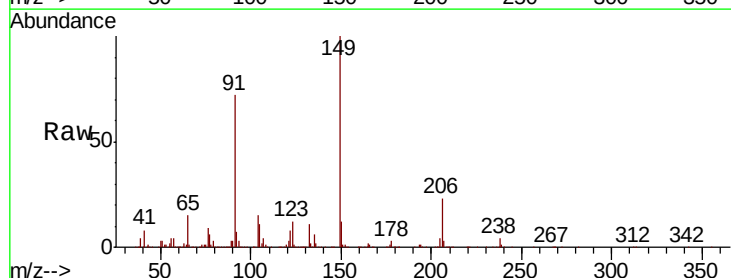
Tgt Ion:149 Resp: 544526

Ion Ratio Lower Upper

149 100

91 71.8 57.0 85.4

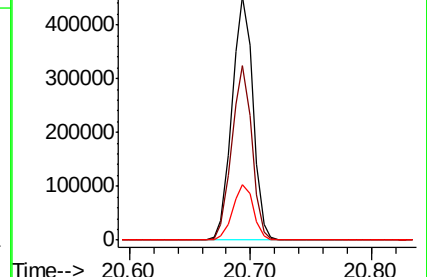
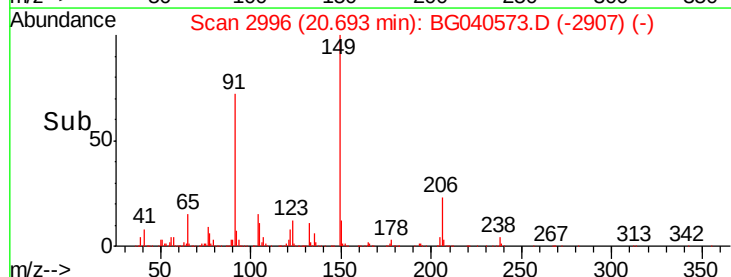
206 22.7 18.2 27.4

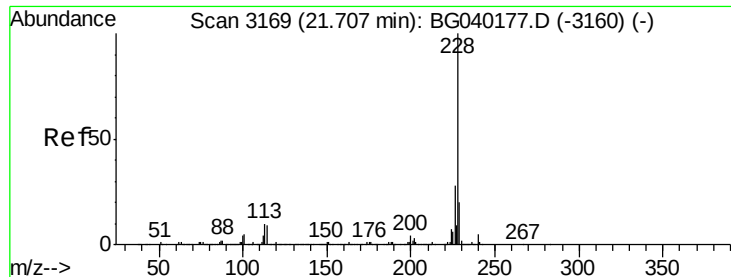


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

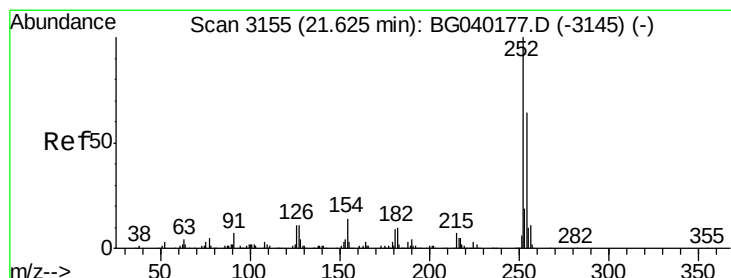
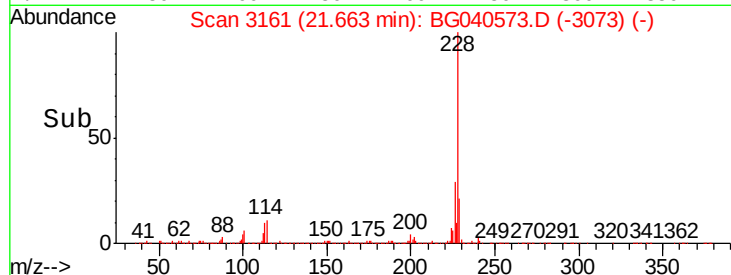
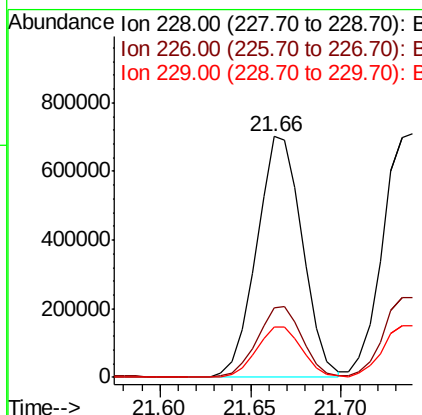
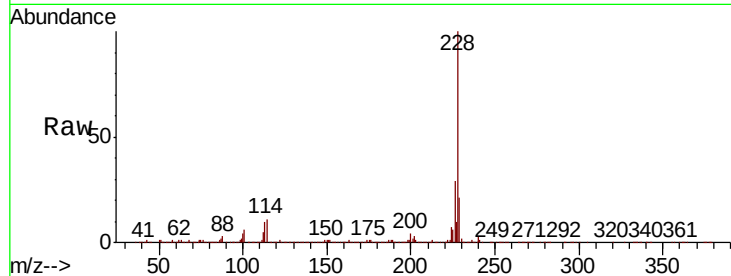




#81
Benzo(a)anthracene
Concen: 41.388 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG040573.D
Acq: 19 Apr 2019 22:18

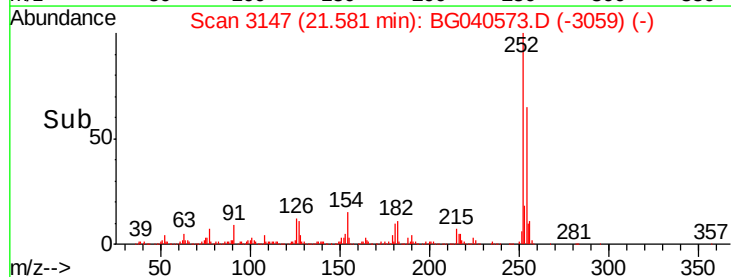
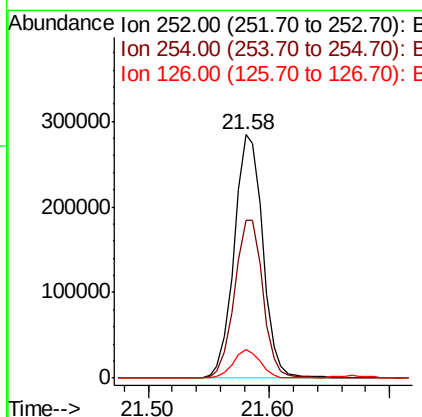
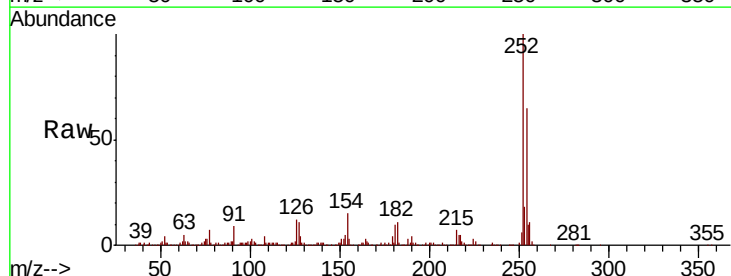
Instrument :
BNA_G
ClientSampleId :
PB119049BSD

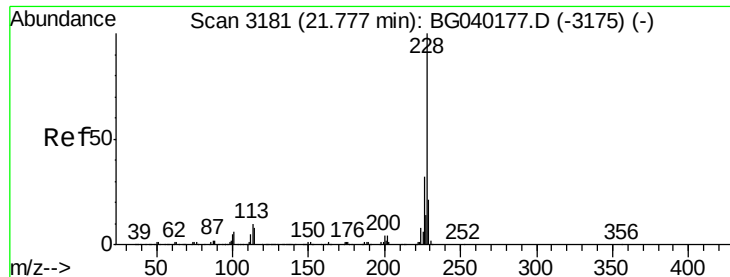
Tgt Ion: 228 Resp: 1235171
Ion Ratio Lower Upper
228 100
226 28.8 22.6 34.0
229 20.8 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 41.286 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG040573.D
Acq: 19 Apr 2019 22:18

Tgt Ion: 252 Resp: 468712
Ion Ratio Lower Upper
252 100
254 64.6 51.4 77.2
126 11.6 8.5 12.7





#83

Chrysene

Concen: 42.169 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BG040573.D

Acq: 19 Apr 2019 22:18

Instrument :

BNA_G

ClientSampleId :

PB119049BSD

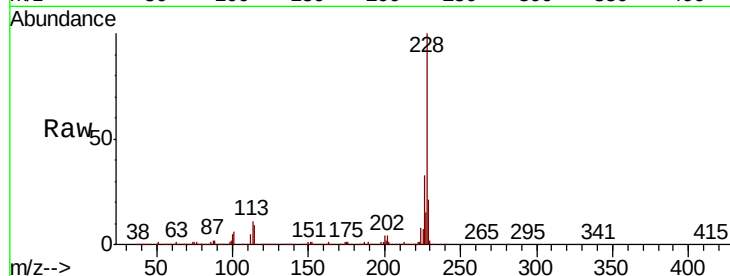
Tgt Ion:228 Resp: 1209493

Ion Ratio Lower Upper

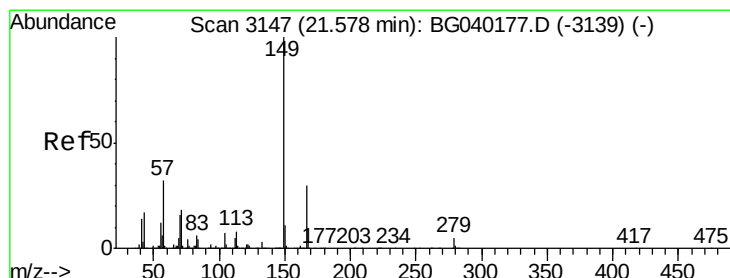
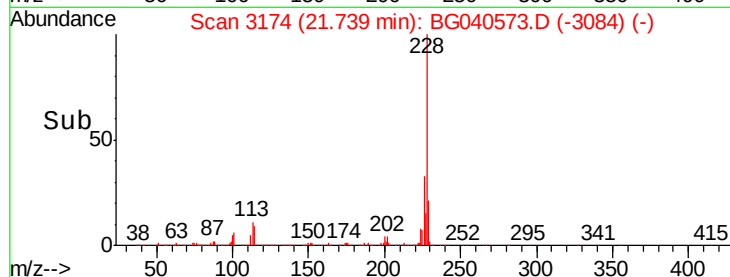
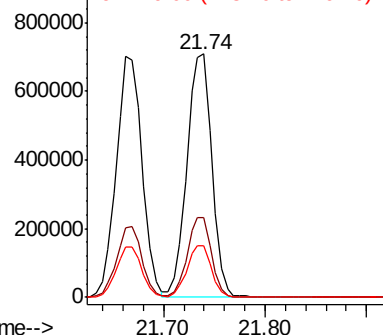
228 100

226 32.7 25.4 38.0

229 21.0 17.0 25.4



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.214 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG040573.D

Acq: 19 Apr 2019 22:18

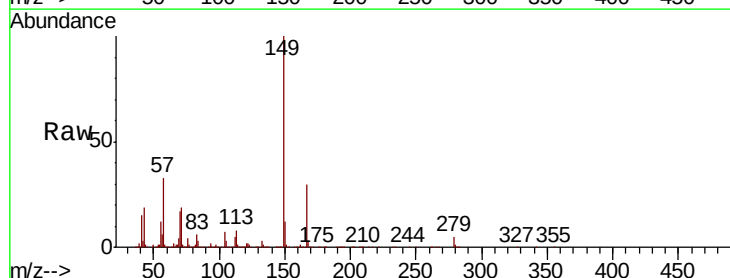
Tgt Ion:149 Resp: 803261

Ion Ratio Lower Upper

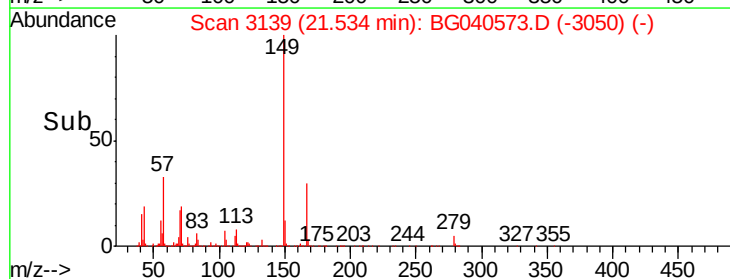
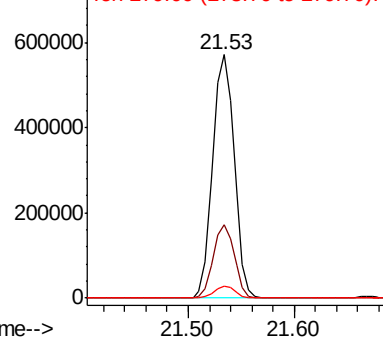
149 100

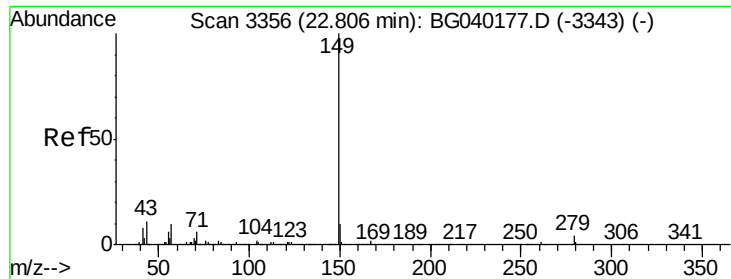
167 30.1 24.1 36.1

279 4.7 4.1 6.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.694 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BG040573.D

Acq: 19 Apr 2019 22:18

Instrument :

BNA_G

ClientSampleId :

PB119049BSD

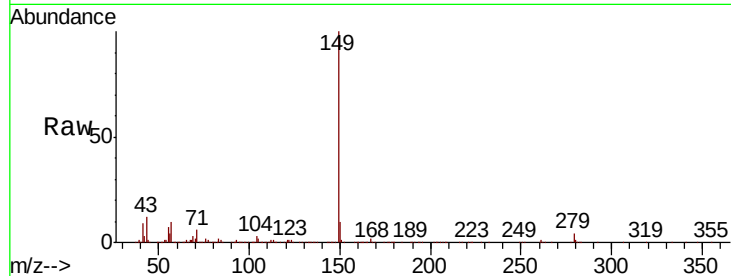
Tgt Ion:149 Resp: 1318108

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

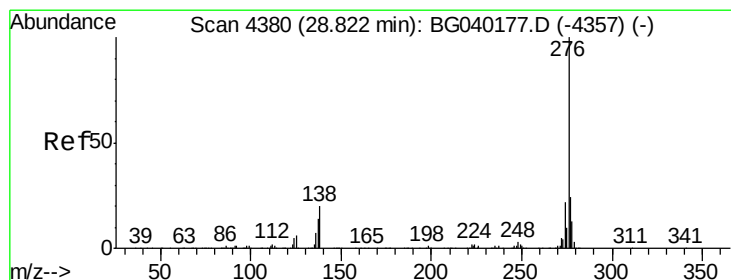
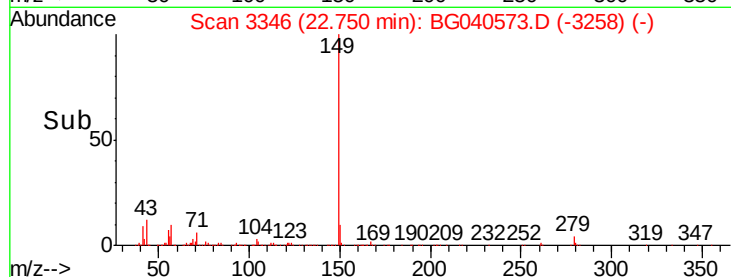
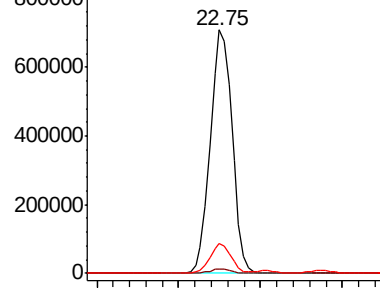
43 11.6 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.907 ng

RT: 28.73 min Scan# 4363

Delta R.T. -0.01 min

Lab File: BG040573.D

Acq: 19 Apr 2019 22:18

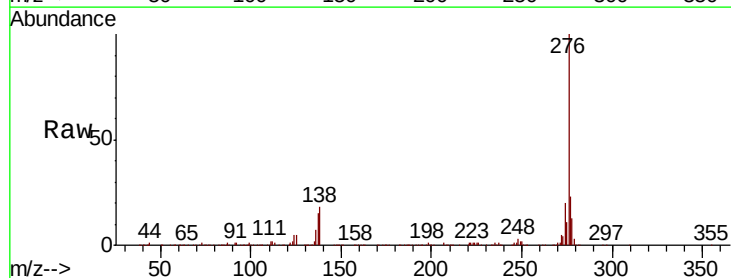
Tgt Ion:276 Resp: 1364860

Ion Ratio Lower Upper

276 100

138 10.9 18.8 28.2#

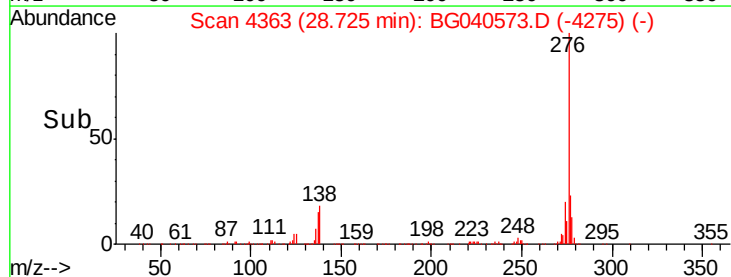
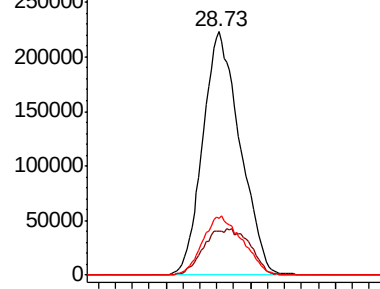
277 26.0 21.0 31.4

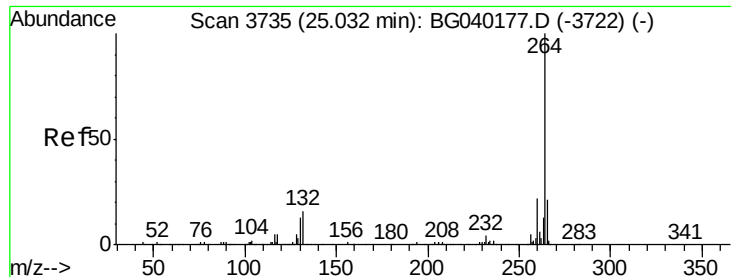


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.96 min Scan# 3723

Delta R.T. -0.01 min

Lab File: BG040573.D

Acq: 19 Apr 2019 22:18

Instrument :

BNA_G

ClientSampleId :

PB119049BSD

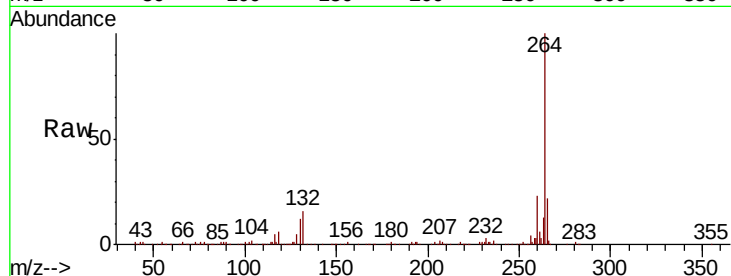
Tgt Ion:264 Resp: 394876

Ion Ratio Lower Upper

264 100

260 22.7 17.9 26.9

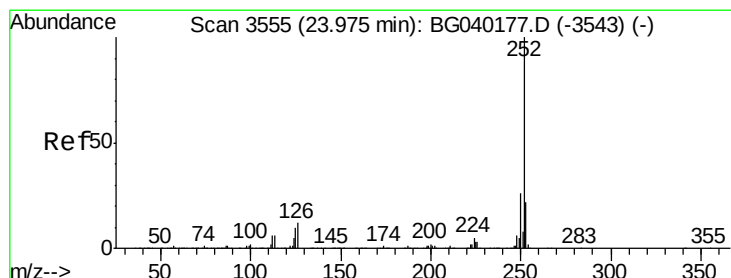
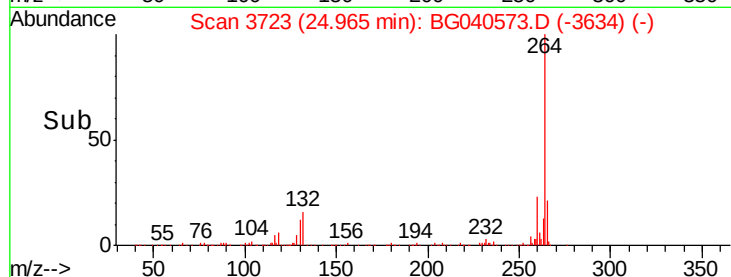
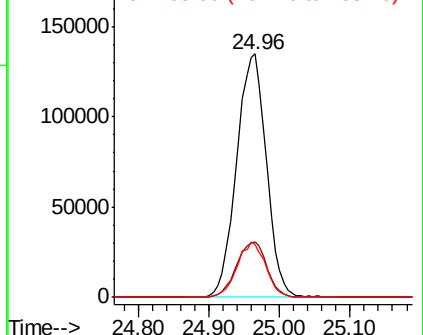
265 21.6 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.829 ng

RT: 23.91 min Scan# 3544

Delta R.T. -0.01 min

Lab File: BG040573.D

Acq: 19 Apr 2019 22:18

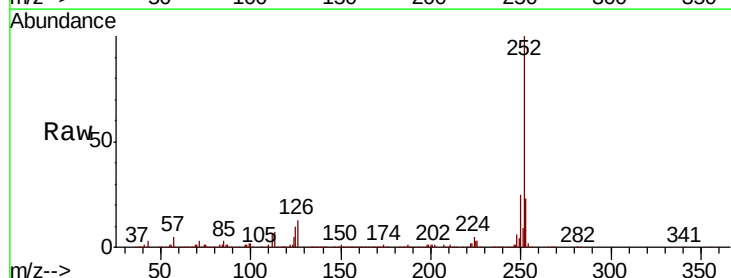
Tgt Ion:252 Resp: 1180474

Ion Ratio Lower Upper

252 100

253 22.8 17.6 26.4

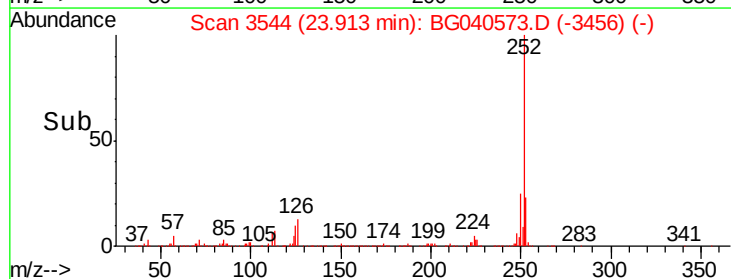
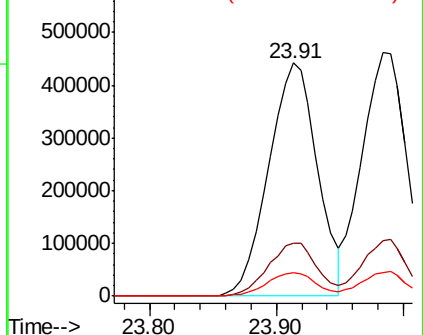
125 10.2 8.2 12.4

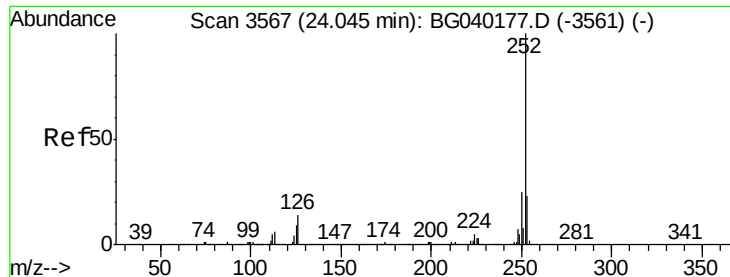


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

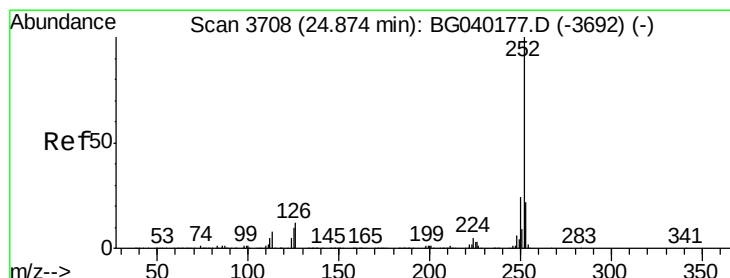
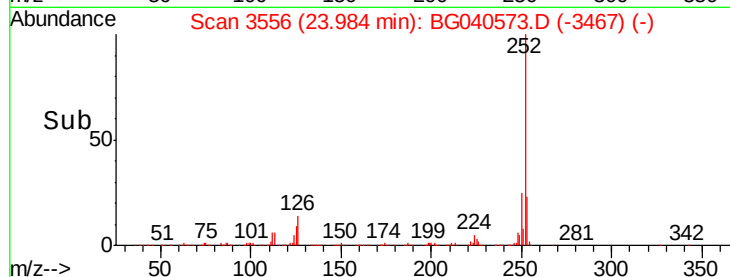
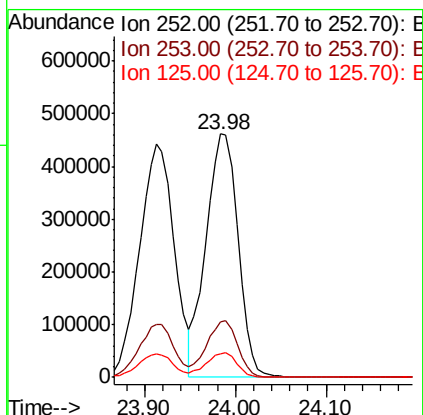
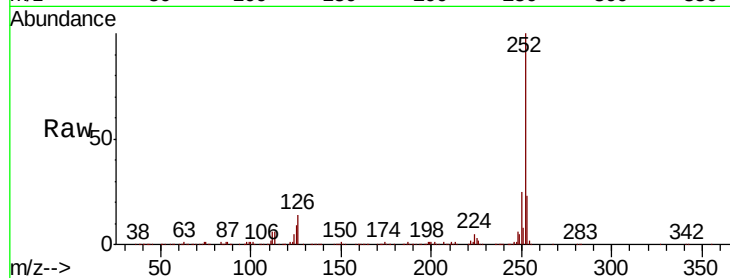




#89
Benzo(k)fluoranthene
Concen: 51.074 ng
RT: 23.98 min Scan# 3556
Delta R.T. -0.01 min
Lab File: BG040573.D
Acq: 19 Apr 2019 22:18

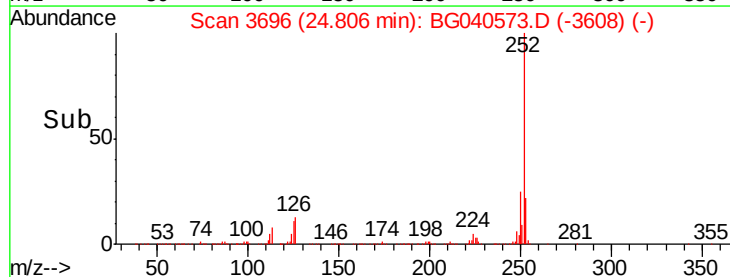
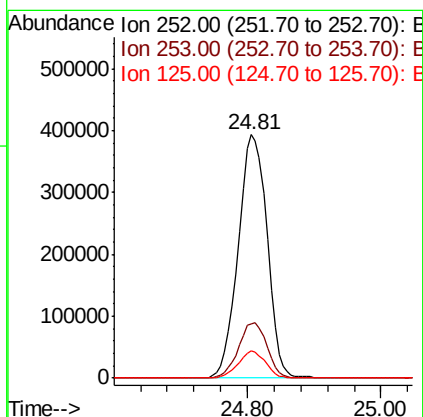
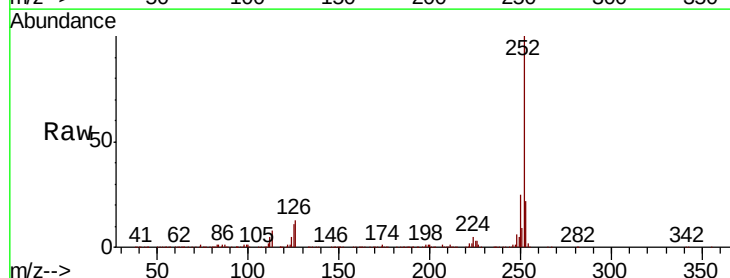
Instrument :
BNA_G
ClientSampleId :
PB119049BSD

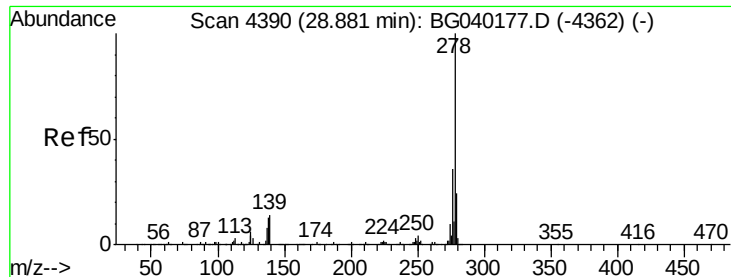
Tgt Ion:252 Resp: 1135504
Ion Ratio Lower Upper
252 100
253 22.7 18.6 28.0
125 9.5 7.3 10.9



#90
Benzo(a)pyrene
Concen: 51.729 ng
RT: 24.81 min Scan# 3696
Delta R.T. -0.01 min
Lab File: BG040573.D
Acq: 19 Apr 2019 22:18

Tgt Ion:252 Resp: 1173376
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 11.0 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 51.963 ng

RT: 28.80 min Scan# 4375

Delta R.T. -0.01 min

Lab File: BG040573.D

Acq: 19 Apr 2019 22:18

Instrument :

BNA_G

ClientSampleId :

PB119049BSD

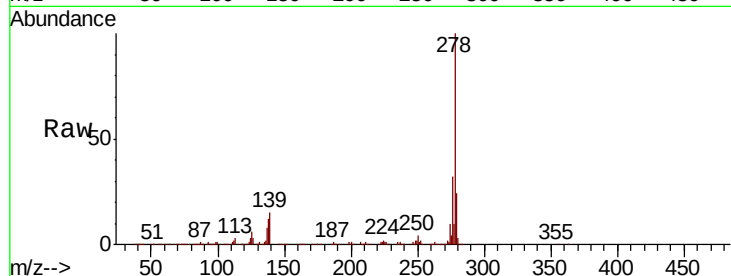
Tgt Ion:278 Resp: 1094706

Ion Ratio Lower Upper

278 100

139 15.2 11.2 16.8

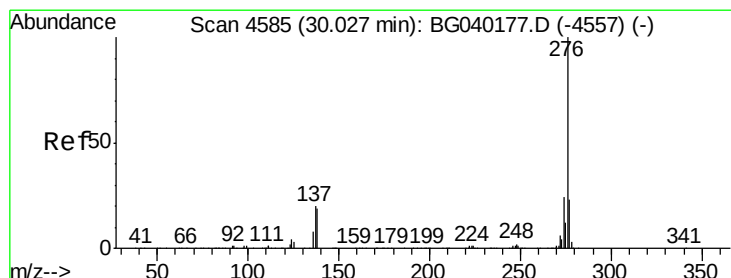
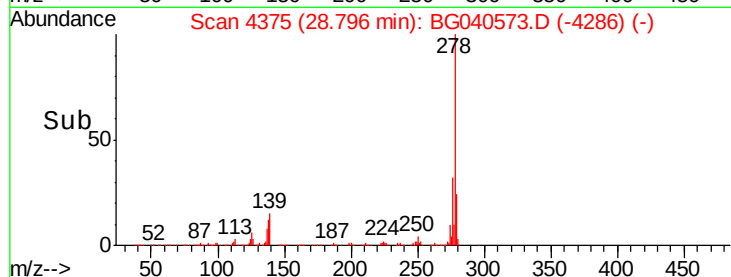
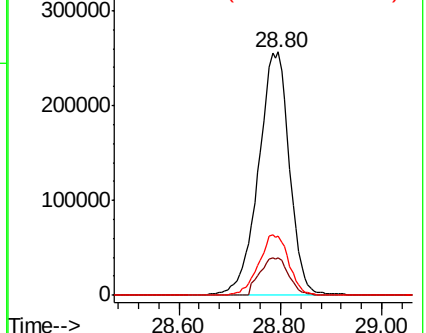
279 24.3 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 52.551 ng

RT: 29.91 min Scan# 4565

Delta R.T. 0.01 min

Lab File: BG040573.D

Acq: 19 Apr 2019 22:18

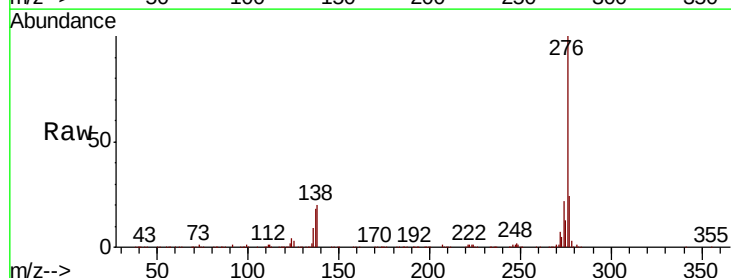
Tgt Ion:276 Resp: 1137767

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 19.7 15.2 22.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

