

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
 Data File : BG040427.D
 Acq On : 10 Apr 2019 23:02
 Operator : JU/SJ
 Sample : PB118770BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118770BS

Quant Time: Apr 11 01:43:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	46598	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	186565	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	122433	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	323266	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	358483	20.00	ng	-0.03
87) Perylene-d12	24.97	264	360424	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	367582	131.14	ng	-0.02
7) Phenol-d6	7.21	99	503485	129.97	ng	-0.02
23) Nitrobenzene-d5	9.22	82	270604	77.10	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	197708	149.42	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	626200	75.79	ng	-0.02
79) Terphenyl-d14	20.02	244	1174685	73.72	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.49	88	69401	52.655	ng	98
3) Pyridine	3.89	79	121138	34.136	ng	97
4) n-Nitrosodimethylamine	3.82	42	61769	37.629	ng	# 95
6) Aniline	7.37	93	135730	26.968	ng	97
8) 2-Chlorophenol	7.61	128	132080	40.253	ng	97
9) Benzaldehyde	7.19	77	50717	19.086	ng	95
10) Phenol	7.23	94	175189	41.665	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	128315	38.101	ng	100
12) 1,3-Dichlorobenzene	7.93	146	136644	38.309	ng	95
13) 1,4-Dichlorobenzene	8.08	146	141806	39.917	ng	94
14) 1,2-Dichlorobenzene	8.40	146	133574	39.318	ng	97
15) Benzyl Alcohol	8.29	79	119997	38.463	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	244916	37.893	ng	100
17) 2-Methylphenol	8.49	107	119659	41.126	ng	96
18) Hexachloroethane	9.12	117	50004	37.004	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	103341	37.207	ng	96
20) 3+4-Methylphenols	8.81	107	165805	42.065	ng	95
22) Acetophenone	8.88	105	201957	43.396	ng	# 98
24) Nitrobenzene	9.26	77	152941	42.079	ng	97
25) Isophorone	9.77	82	294165	40.732	ng	98
26) 2-Nitrophenol	9.97	139	74124	43.039	ng	94
27) 2,4-Dimethylphenol	10.02	122	130816	47.819	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	175461	41.066	ng	99
29) 2,4-Dichlorophenol	10.50	162	138646	46.692	ng	95
30) 1,2,4-Trichlorobenzene	10.71	180	141288	43.333	ng	97
31) Naphthalene	10.91	128	415036	43.401	ng	100
32) Benzoic acid	10.16	122	58542	35.419	ng	87
33) 4-Chloroaniline	11.03	127	107580	26.374	ng	97
34) Hexachlorobutadiene	11.17	225	83806	40.190	ng	95
35) Caprolactam	11.81	113	51040	43.314	ng	98
36) 4-Chloro-3-methylphenol	12.14	107	159070	46.598	ng	98
37) 2-Methylnaphthalene	12.51	142	317388	44.876	ng	100
38) 1-Methylnaphthalene	12.73	142	298750	43.561	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	159812	41.069	ng	99

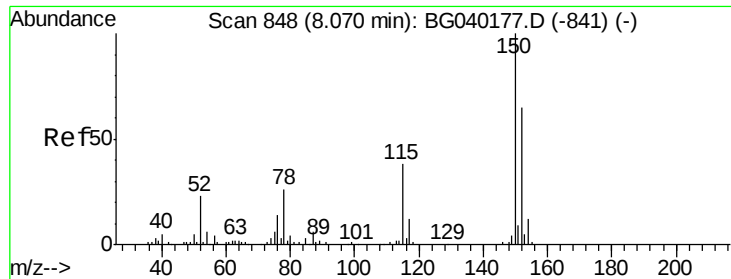
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
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 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	171972	80.487	nq	95
43) 2,4,6-Trichlorophenol	13.12	196	113314	45.165	nq	95
44) 2,4,5-Trichlorophenol	13.19	196	123861	45.294	nq	97
46) 1,1'-Biphenyl	13.51	154	404704	41.835	nq	99
47) 2-Chloronaphthalene	13.56	162	311208	41.939	nq	100
48) 2-Nitroaniline	13.77	65	110092	43.985	nq	92
49) Acenaphthylene	14.40	152	526705	41.864	nq	100
50) Dimethylphthalate	14.13	163	409902	42.778	nq	99
51) 2,6-Dinitrotoluene	14.26	165	92350	42.923	nq	100
52) Acenaphthene	14.74	154	301758	41.857	nq	98
53) 3-Nitroaniline	14.60	138	78177	34.327	nq	95
54) 2,4-Dinitrophenol	14.80	184	99790	87.212	nq	90
55) Dibenzofuran	15.07	168	504450	43.547	nq	99
56) 4-Nitrophenol	14.90	139	164246	89.357	nq	98
57) 2,4-Dinitrotoluene	15.04	165	138141	46.208	nq	95
58) Fluorene	15.72	166	398752	43.782	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	122534	49.379	nq	# 98
60) Diethylphthalate	15.48	149	438352	44.706	nq	99
61) 4-Chlorophenyl-phenylether	15.71	204	214785	44.119	nq	98
62) 4-Nitroaniline	15.76	138	113683	46.513	nq	99
63) Azobenzene	16.00	77	402565	43.526	nq	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	77583	42.718	nq	95
66) n-Nitrosodiphenylamine	15.93	169	384281	40.623	nq	98
67) 4-Bromophenyl-phenylether	16.61	248	143622	39.480	nq	98
68) Hexachlorobenzene	16.72	284	147003	40.190	nq	98
69) Atrazine	16.87	200	145773	41.426	nq	99
70) Pentachlorophenol	17.07	266	169654	80.227	nq	96
71) Phenanthrene	17.47	178	711010	41.845	nq	99
72) Anthracene	17.56	178	725996	42.688	nq	99
73) Carbazole	17.83	167	715560	44.458	nq	99
74) Di-n-butylphthalate	18.36	149	850873	44.598	nq	100
75) Fluoranthene	19.48	202	927882	46.117	nq	100
77) Benzidine	19.66	184	359293	27.755	nq	98
78) Pyrene	19.83	202	930597	39.475	nq	99
80) Butylbenzylphthalate	20.70	149	431719	42.796	nq	98
81) Benzo(a)anthracene	21.68	228	887973	40.215	nq	99
82) 3,3'-Dichlorobenzidine	21.59	252	245578	29.237	nq	96
83) Chrysene	21.74	228	875461	41.255	nq	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	619713	42.976	nq	99
85) Di-n-octyl phthalate	22.77	149	1073719	43.703	nq	100
86) Indeno(1,2,3-cd)pyrene	28.73	276	1090385	42.012	nq	# 90
88) Benzo(b)fluoranthene	23.93	252	980028	44.412	nq	98
89) Benzo(k)fluoranthene	24.00	252	907526	44.722	nq	97
90) Benzo(a)pyrene	24.82	252	937247	45.269	nq	99
91) Dibenzo(a,h)anthracene	28.81	278	881905	45.863	nq	100
92) Benzo(g,h,i)perylene	29.93	276	899450	45.514	nq	99

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

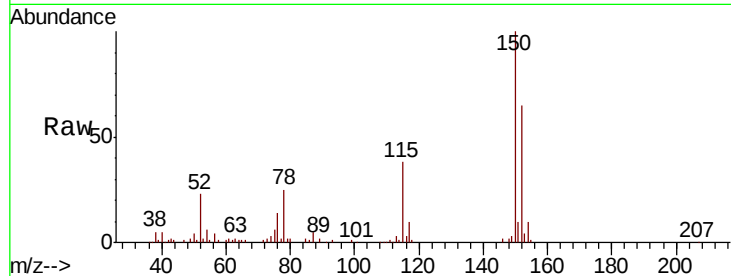


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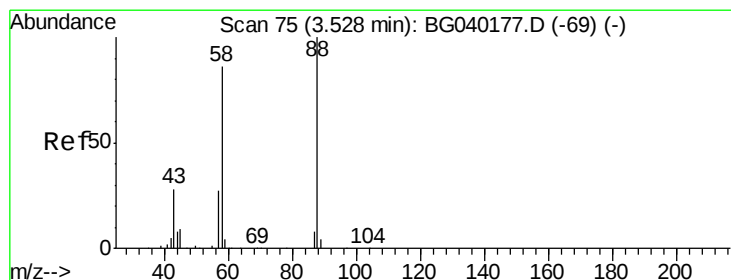
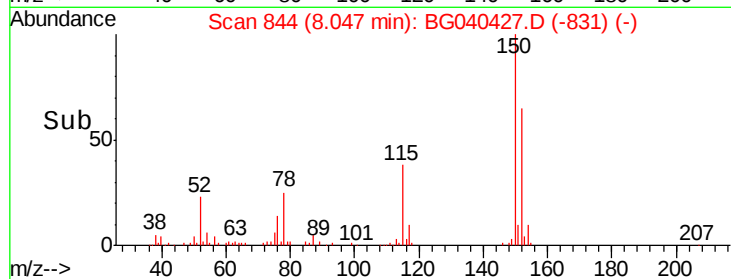
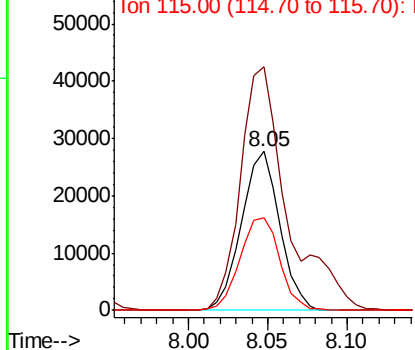
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040427.D
Acq: 10 Apr 2019 23:02

Instrument :
BNA_G
ClientSampleId :
PB118770BS

Tot Ion:152 Resp: 46598
Ion Ratio Lower Upper
152 100
150 153.1 123.7 185.5
115 58.4 46.9 70.3



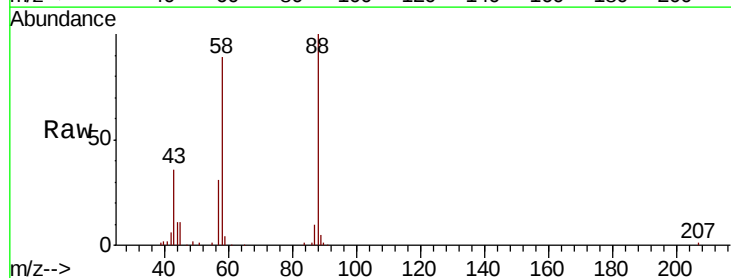
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



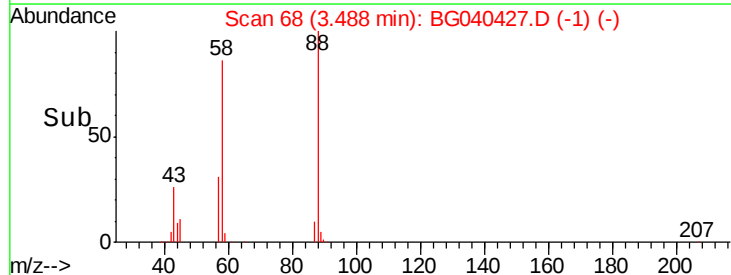
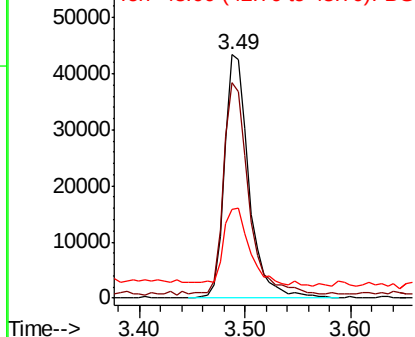
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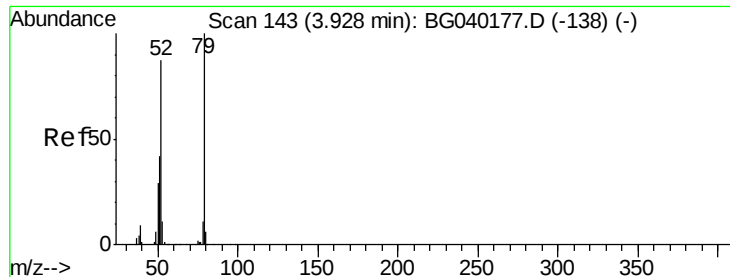
1,4-Dioxane
Concen: 52.655 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.04 min
Lab File: BG040427.D
Acq: 10 Apr 2019 23:02

Tgt Ion: 88 Resp: 69401
Ion Ratio Lower Upper
88 100
58 86.7 70.6 106.0
43 33.0 24.8 37.2



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





#3

Pvridine

Concen: 34.136 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.03 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

Instrument :

BNA_G

ClientSampleId :

PB118770BS

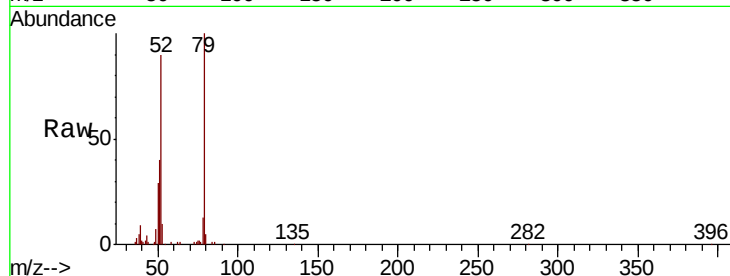
Tot Ion: 79 Resp: 121138

Ion Ratio Lower Upper

79 100

52 90.0 69.8 104.8

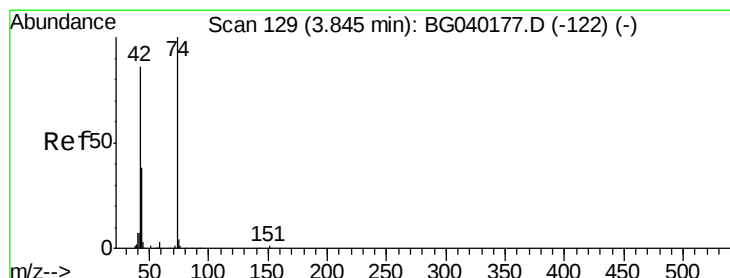
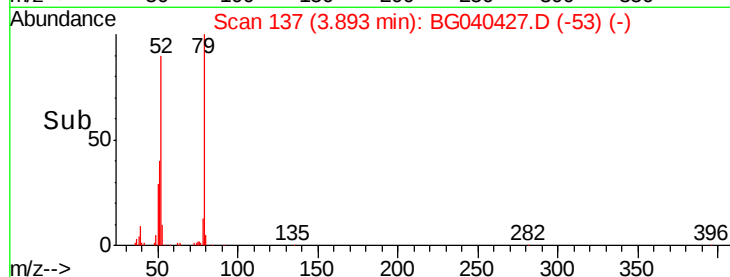
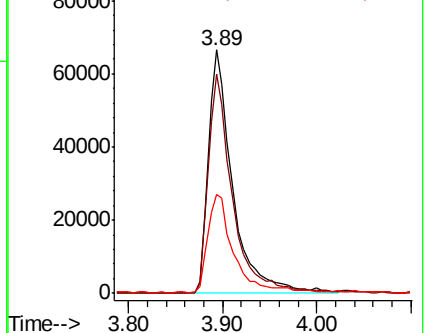
51 40.4 33.9 50.9



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: 37.629 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.03 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

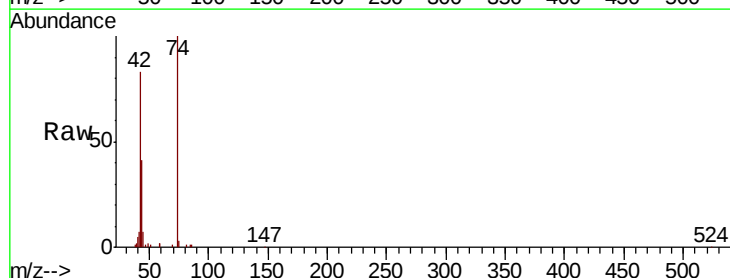
Tgt Ion: 42 Resp: 61769

Ion Ratio Lower Upper

42 100

74 120.9 92.9 139.3

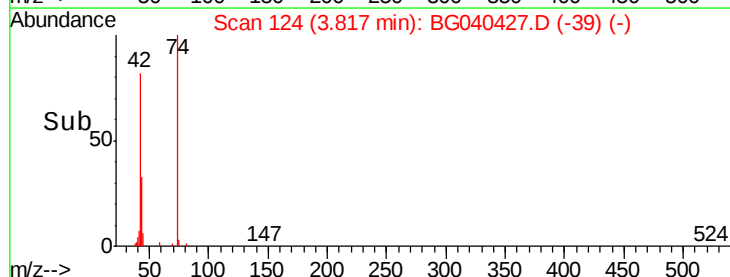
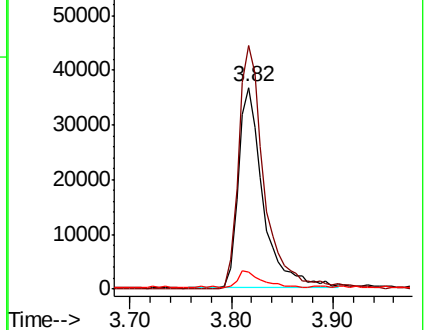
44 8.6 9.7 14.5#



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: 131.137 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.02 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

Instrument :

BNA_G

ClientSampleId :

PB118770BS

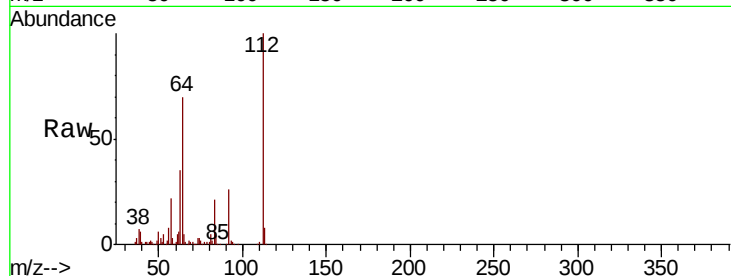
Tot Ion:112 Resp: 367582

Ion Ratio Lower Upper

112 100

64 69.8 54.2 81.2

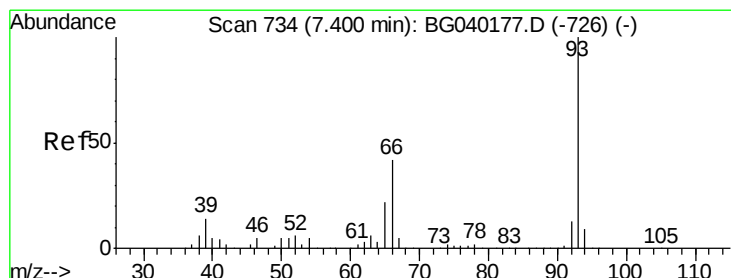
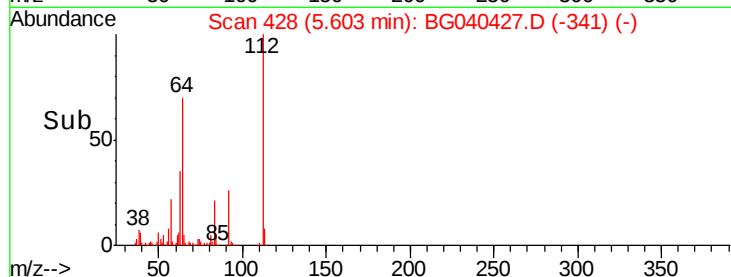
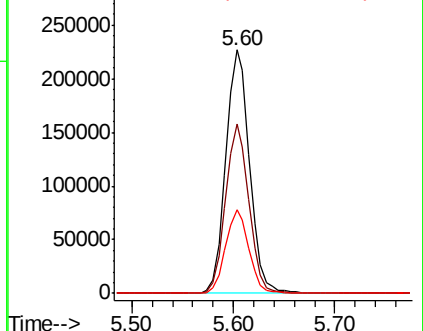
63 34.5 26.4 39.6



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: 26.968 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.03 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

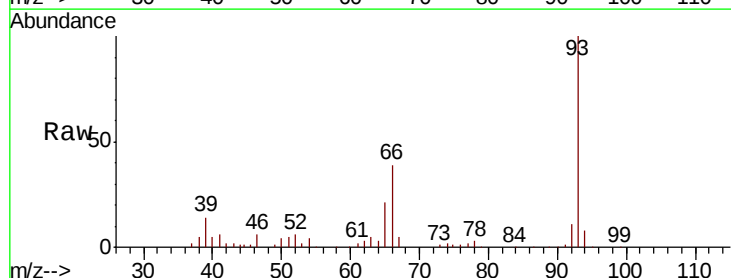
Tgt Ion: 93 Resp: 135730

Ion Ratio Lower Upper

93 100

66 39.5 33.6 50.4

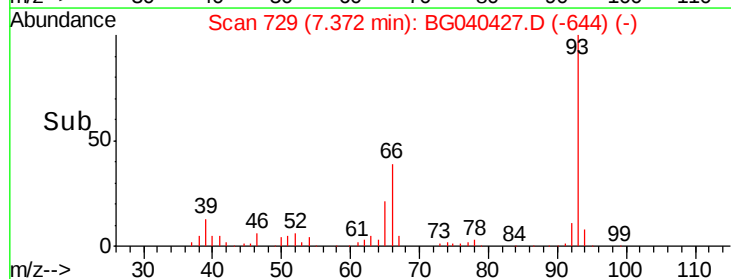
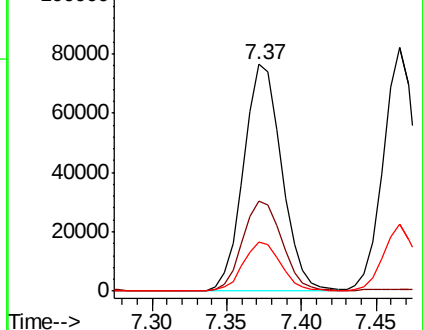
65 21.5 17.4 26.2



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: 129.971 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

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ClientSampleId :

PB118770BS

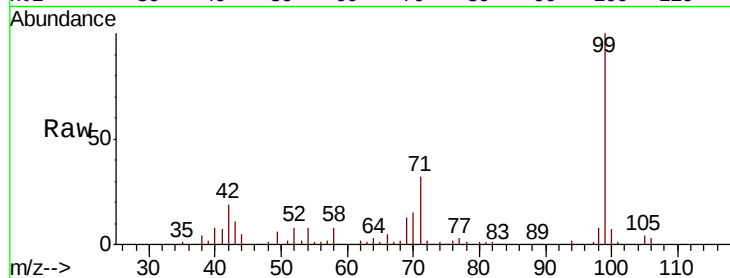
Tot Ion: 99 Resp: 503485

Ion Ratio Lower Upper

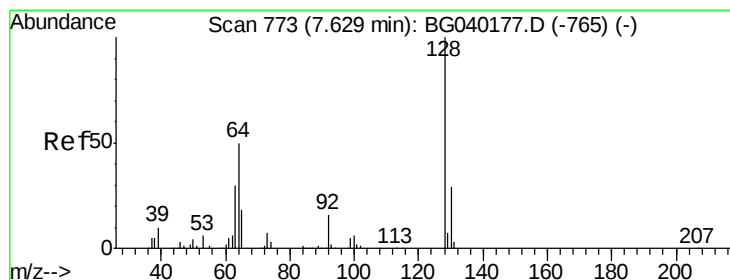
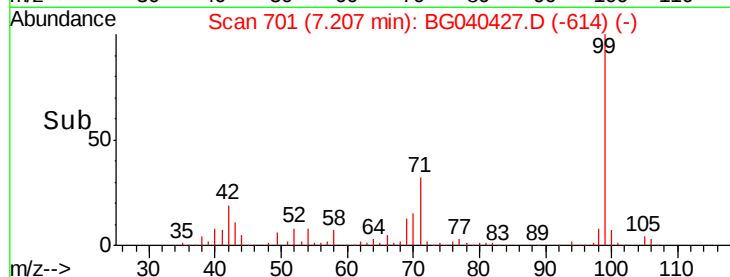
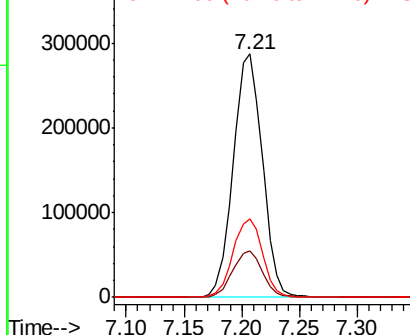
99 100

42 19.1 16.2 24.2

71 32.4 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: 40.253 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

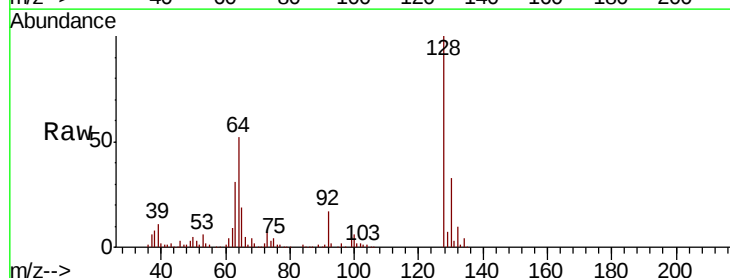
Tgt Ion: 128 Resp: 132080

Ion Ratio Lower Upper

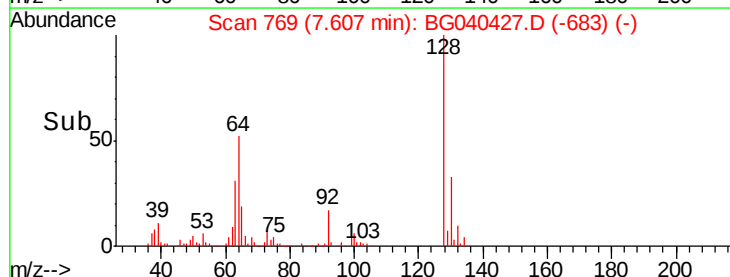
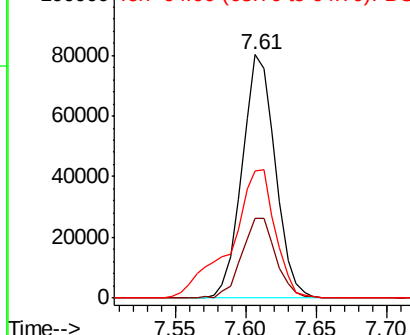
128 100

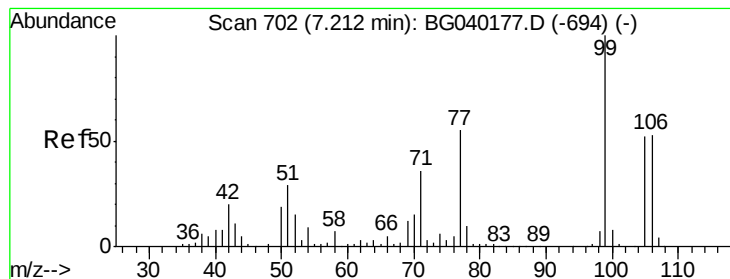
130 33.0 9.1 49.1

64 52.3 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: 19.086 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

Instrument :

BNA_G

ClientSampleId :

PB118770BS

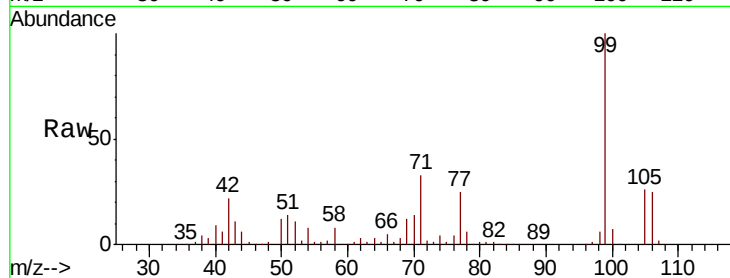
Tot Ion: 77 Resp: 50717

Ion Ratio Lower Upper

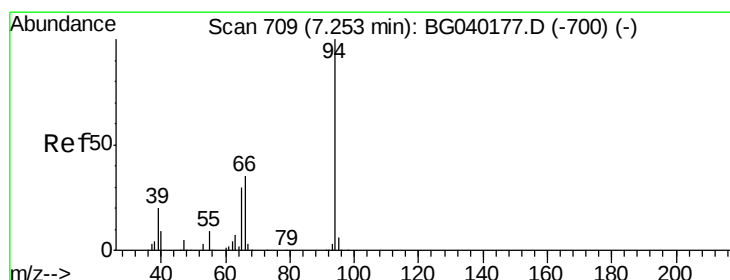
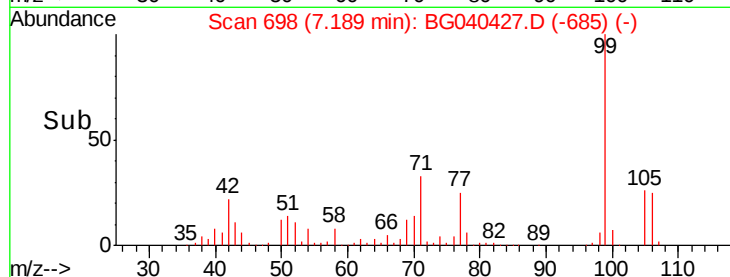
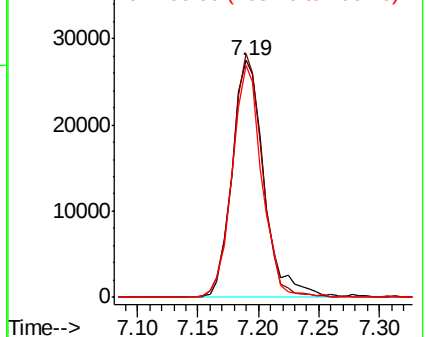
77 100

105 102.8 75.0 115.0

106 98.0 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: 41.665 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.02 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

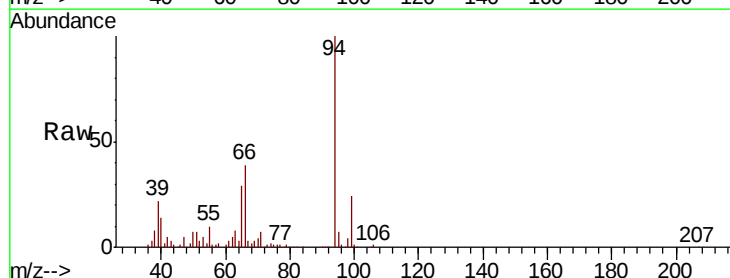
Tgt Ion: 94 Resp: 175189

Ion Ratio Lower Upper

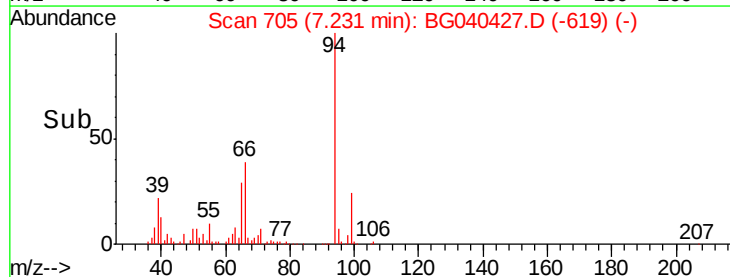
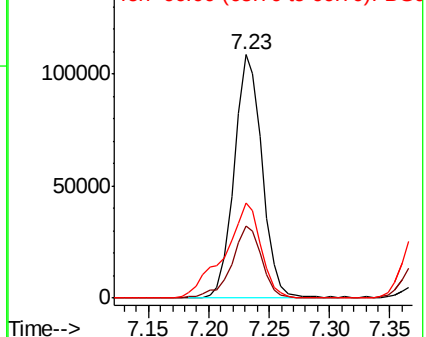
94 100

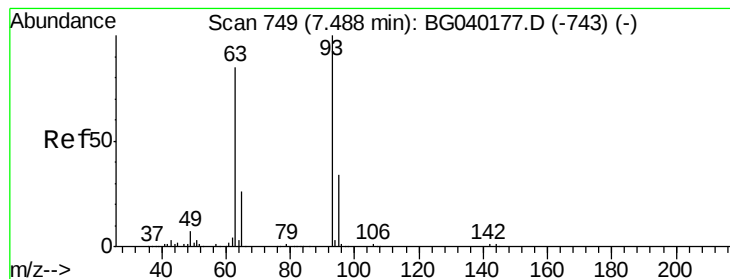
65 29.4 10.5 50.5

66 39.3 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: 38.101 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

Instrument :

BNA_G

ClientSampleId :

PB118770BS

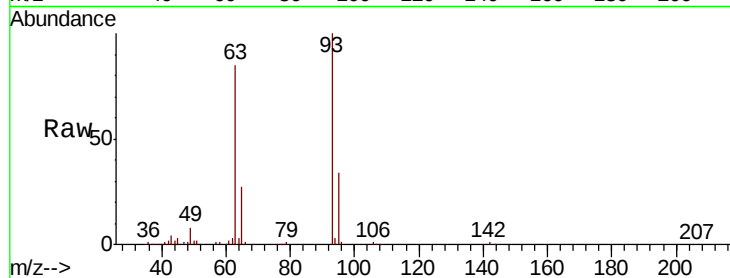
Tot Ion: 93 Resp: 128315

Ion Ratio Lower Upper

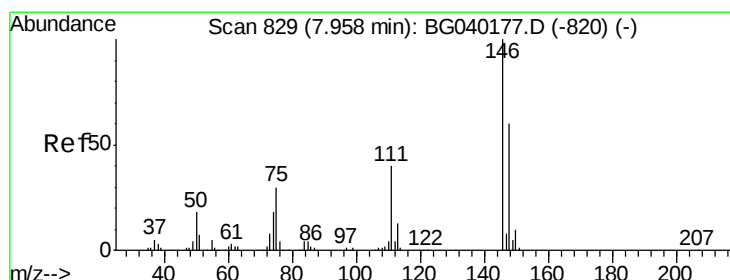
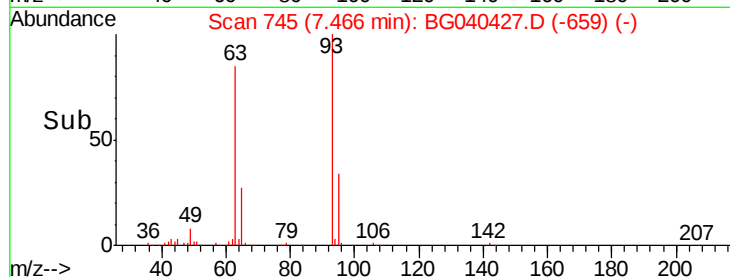
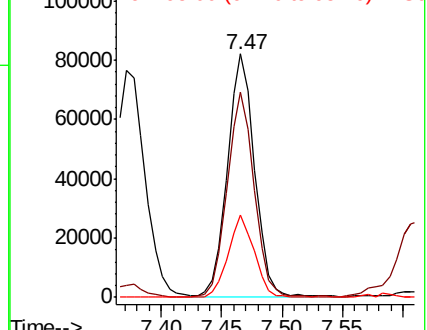
93 100

63 84.5 64.2 104.2

95 33.6 14.0 54.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 38.309 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.03 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

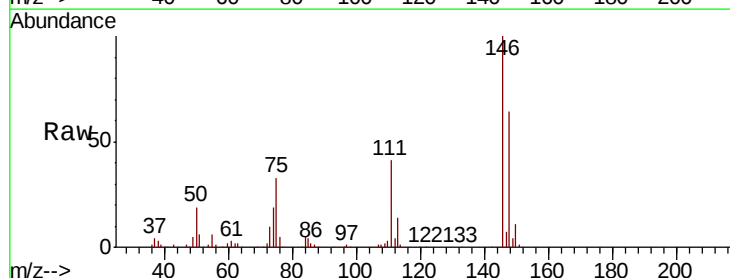
Tgt Ion: 146 Resp: 136644

Ion Ratio Lower Upper

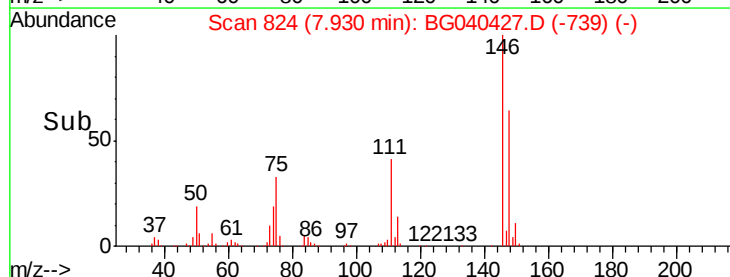
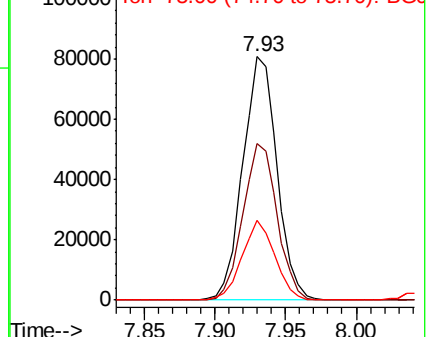
146 100

148 64.5 48.2 72.2

75 32.5 24.1 36.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC

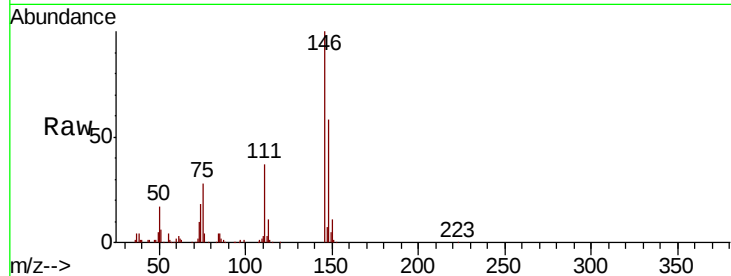




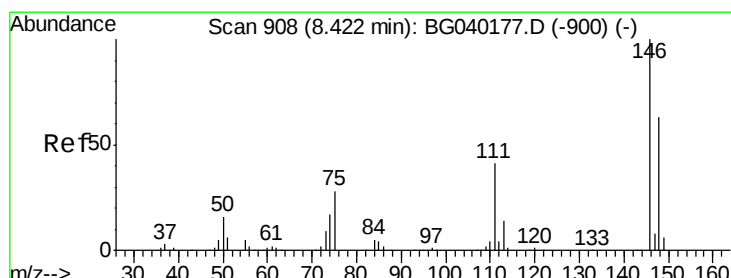
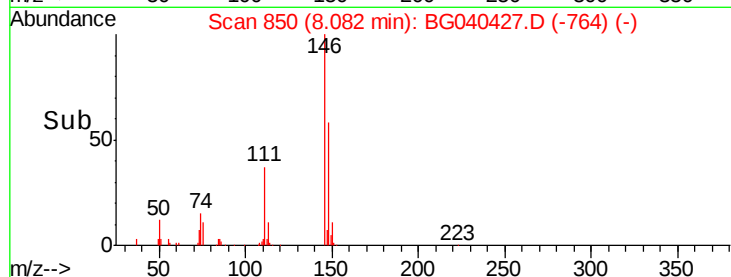
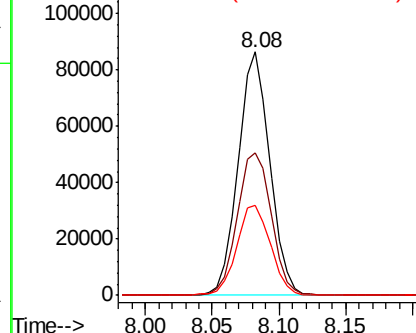
#13
 1,4-Dichlorobenzene
 Concen: 39.917 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.02 min
 Lab File: BG040427.D
 Acq: 10 Apr 2019 23:02

Instrument :
 BNA_G
 ClientSampleId :
 PB118770BS

Tot Ion:146 Resp: 141806
 Ion Ratio Lower Upper
 146 100
 148 58.4 51.0 76.4
 111 36.8 31.8 47.6

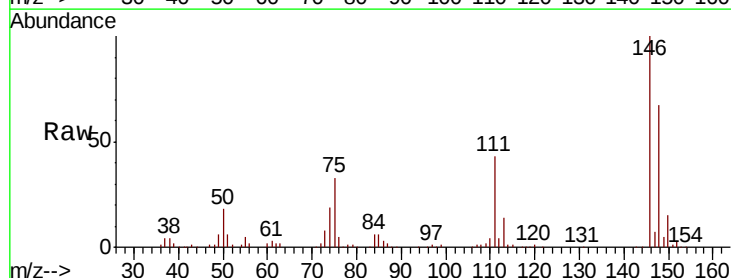


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

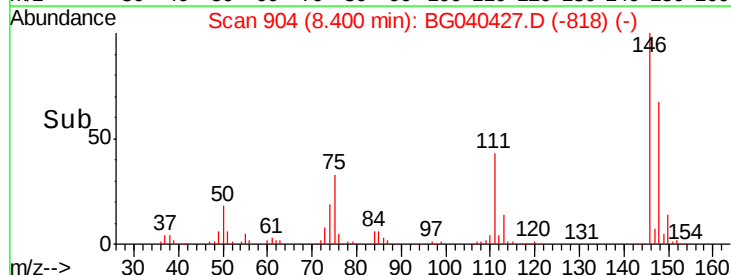
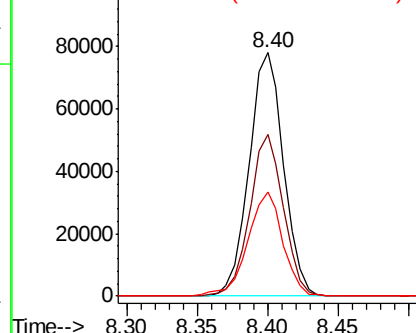


#14
 1,2-Dichlorobenzene
 Concen: 39.318 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG040427.D
 Acq: 10 Apr 2019 23:02

Tgt Ion:146 Resp: 133574
 Ion Ratio Lower Upper
 146 100
 148 66.5 50.8 76.2
 111 42.6 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: 38.463 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

Instrument :

BNA_G

ClientSampleId :

PB118770BS

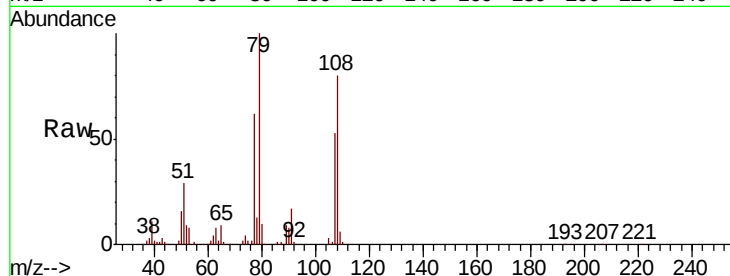
Tot Ion: 79 Resp: 119997

Ion Ratio Lower Upper

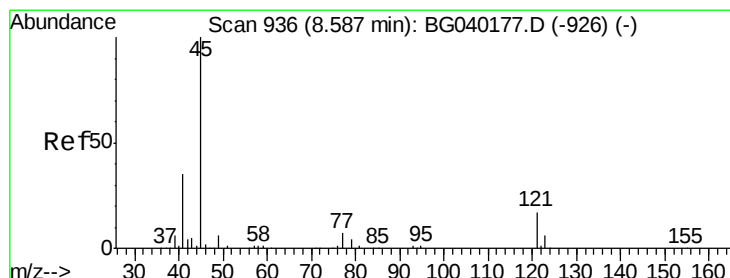
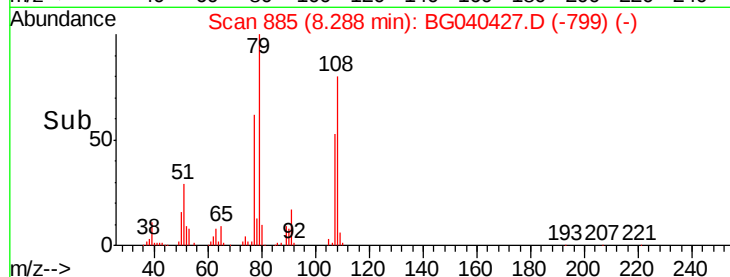
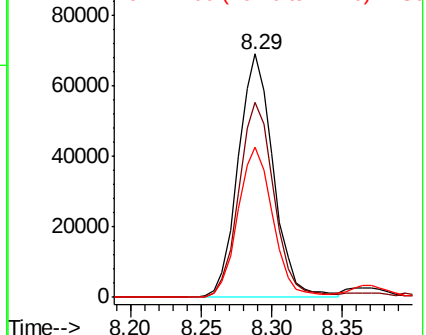
79 100

108 80.0 62.1 93.1

77 61.7 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: 37.893 ng

RT: 8.56 min Scan# 932

Delta R.T. -0.02 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

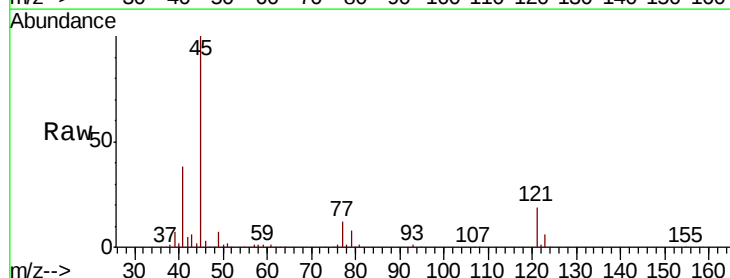
Tgt Ion: 45 Resp: 244916

Ion Ratio Lower Upper

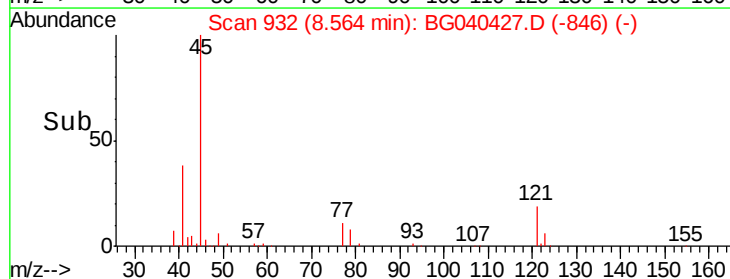
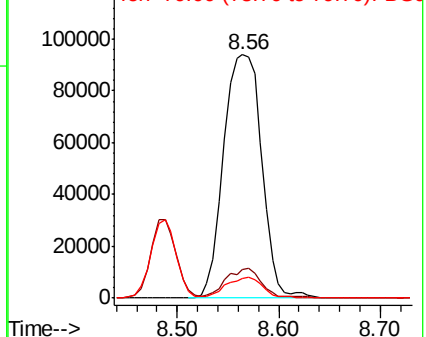
45 100

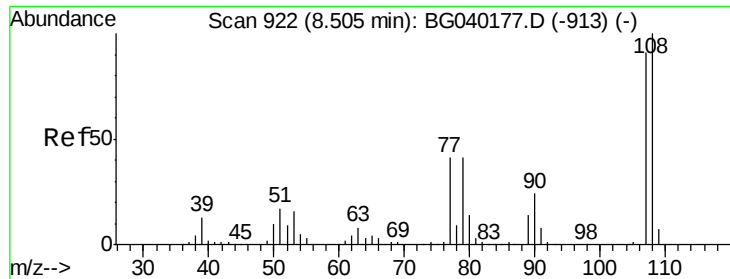
77 11.7 0.0 31.4

79 8.3 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: 41.126 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.02 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

Instrument :

BNA_G

ClientSampleId :

PB118770BS

Tot Ion:107 Resp: 119659

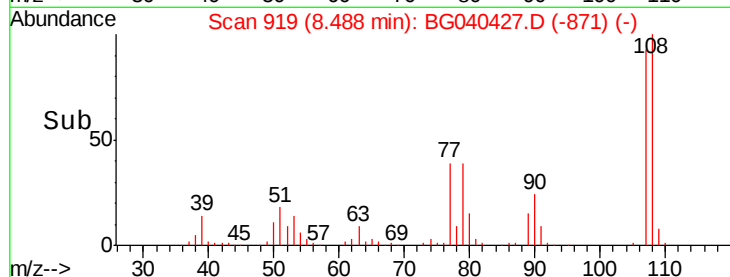
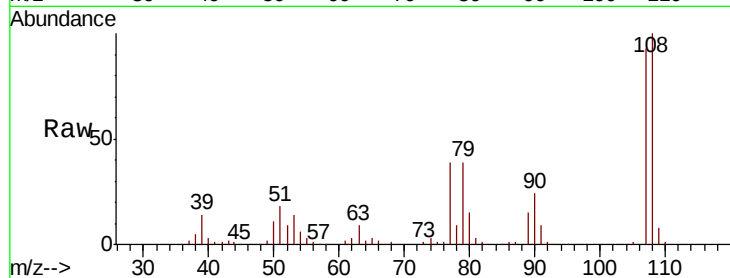
Ion Ratio Lower Upper

107 100

108 107.7 88.2 132.4

77 42.0 36.6 55.0

79 41.5 36.5 54.7

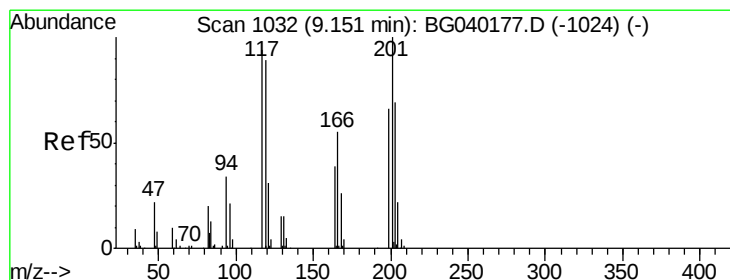
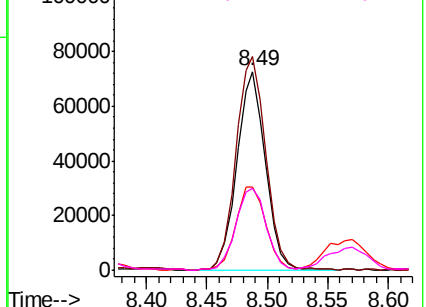


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 37.004 ng

RT: 9.12 min Scan# 1027

Delta R.T. -0.03 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

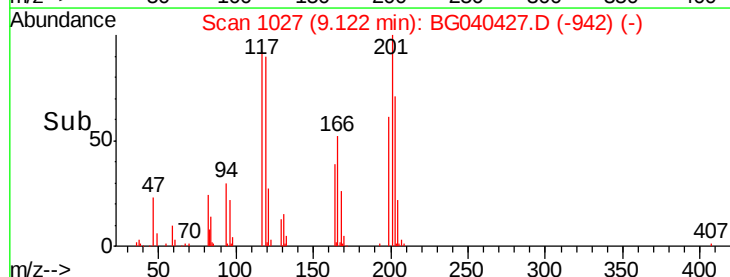
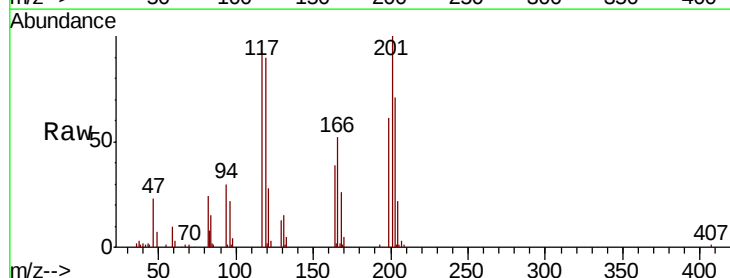
Tgt Ion:117 Resp: 50004

Ion Ratio Lower Upper

117 100

119 97.6 76.6 115.0

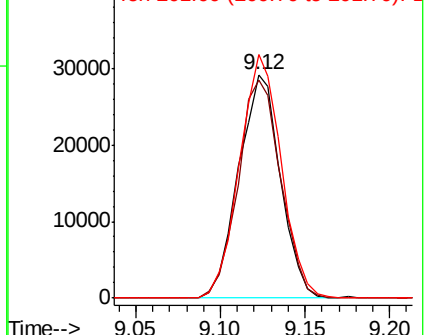
201 108.9 85.0 127.4

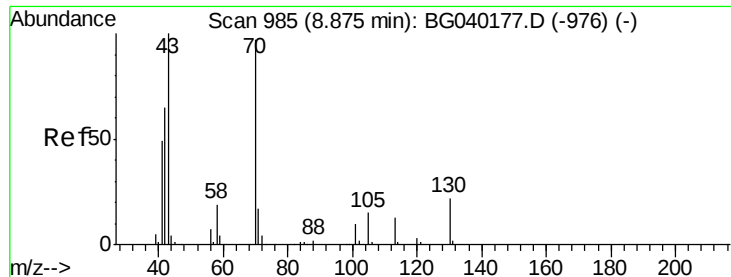


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

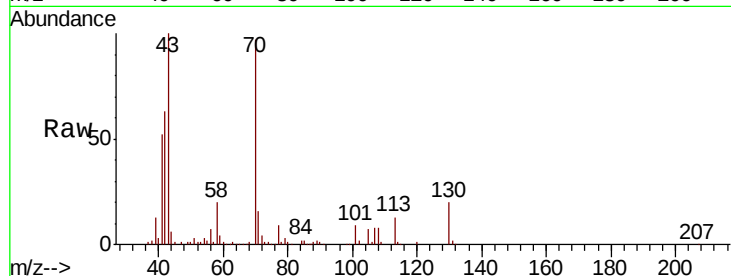




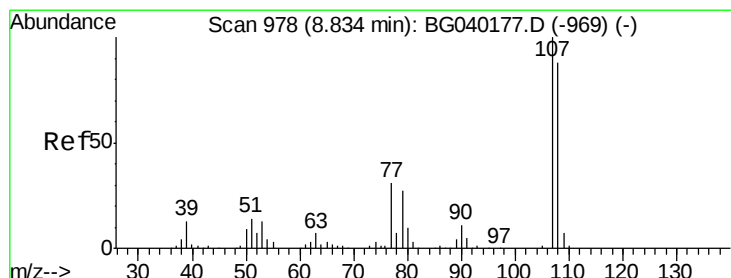
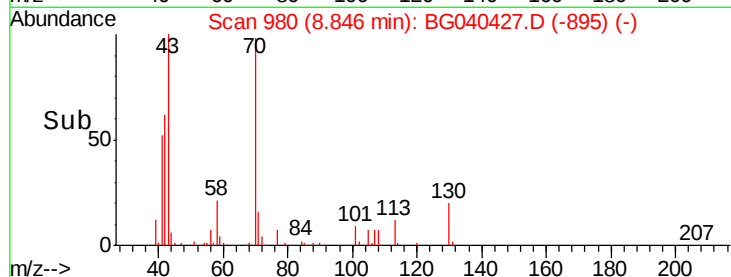
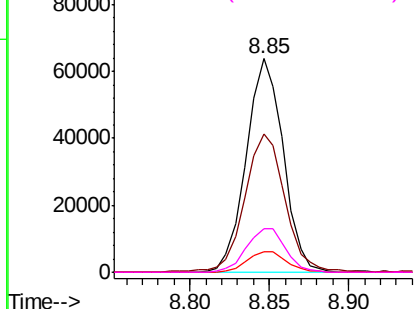
#19
n-Nitroso-di-n-propylamine
Concen: 37.207 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.03 min
Lab File: BG040427.D
Acq: 10 Apr 2019 23:02

Instrument :
BNA_G
ClientSampleId :
PB118770BS

Tot Ion:	70	Resp:	103341
Ion	Ratio	Lower	Upper
70	100		
42	64.8	54.0	81.0
101	9.7	8.6	13.0
130	20.6	18.2	27.2

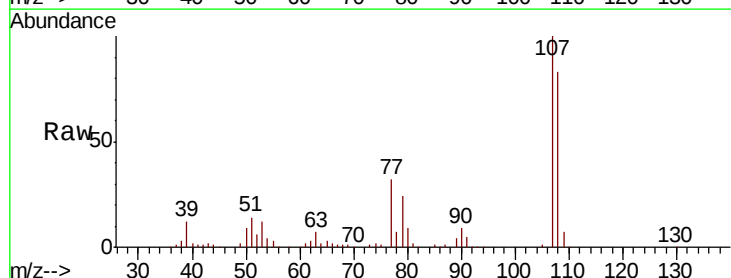


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

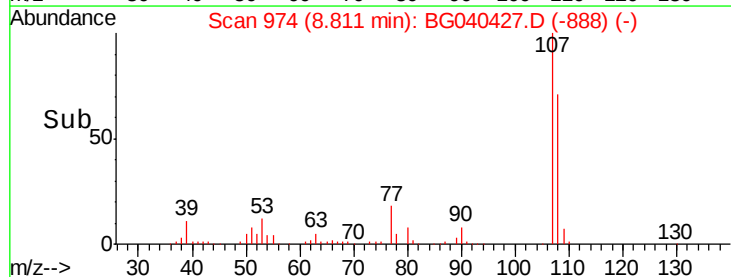
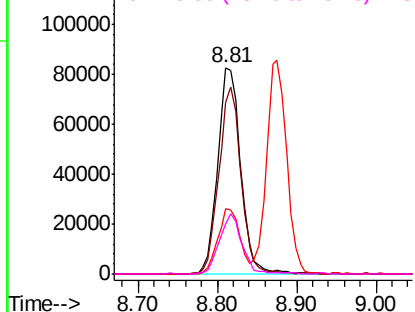


#20
3+4-Methylphenols
Concen: 42.065 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.02 min
Lab File: BG040427.D
Acq: 10 Apr 2019 23:02

Tgt Ion:	107	Resp:	165805
Ion	Ratio	Lower	Upper
107	100		
108	83.1	68.3	108.3
77	31.9	11.3	51.3
79	24.3	7.3	47.3



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

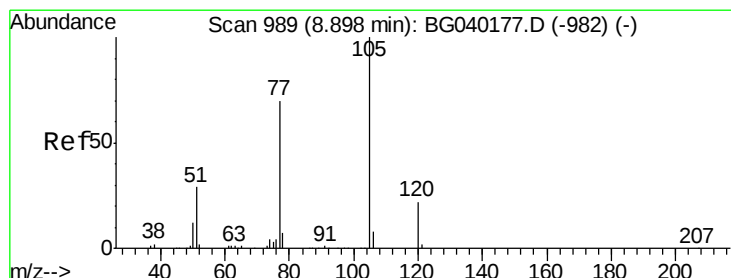
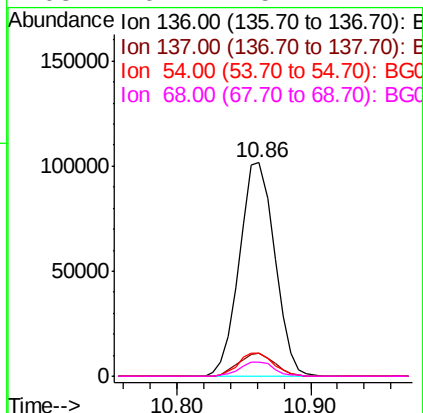
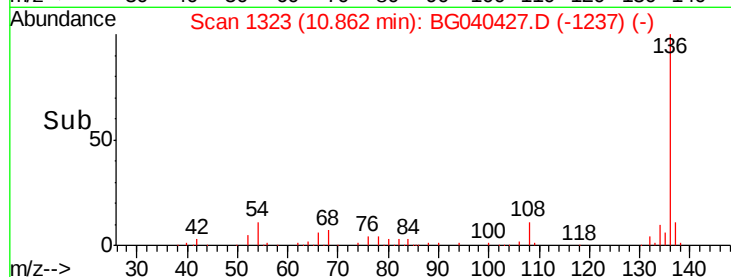
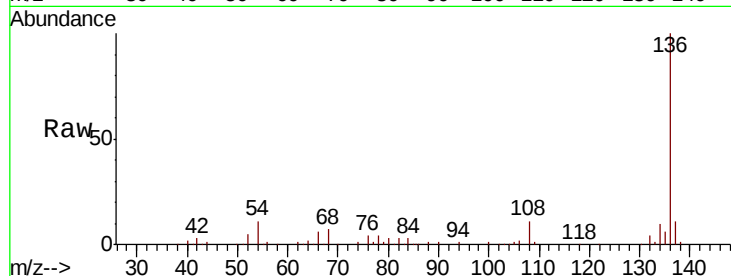




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040427.D
Acq: 10 Apr 2019 23:02

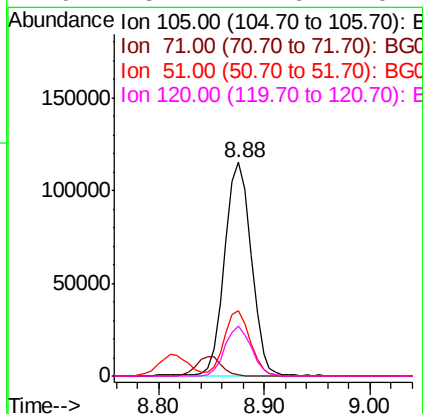
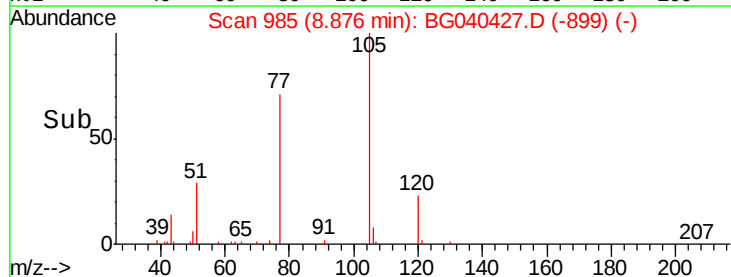
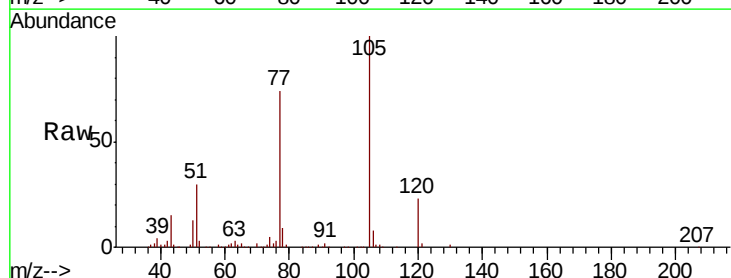
Instrument :
BNA_G
ClientSampleId :
PB118770BS

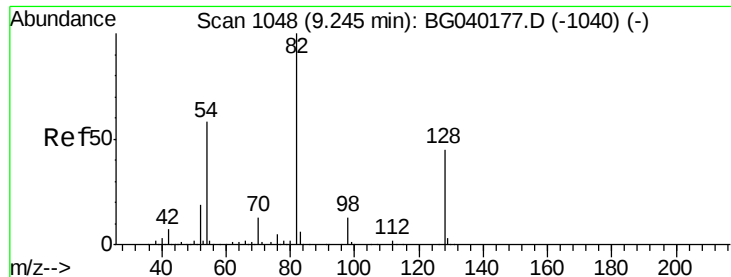
Tot Ion:136	Resp:	186565
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	10.6	9.6 14.4
68	6.7	5.1 7.7



#22
Acetophenone
Concen: 43.396 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG040427.D
Acq: 10 Apr 2019 23:02

Tgt Ion:105	Resp:	201957
Ion Ratio	Lower	Upper
105	100	
71	0.5	0.6 1.0#
51	30.4	25.1 37.7
120	23.2	17.6 26.4

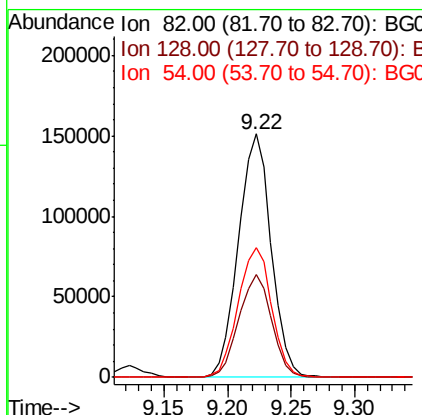
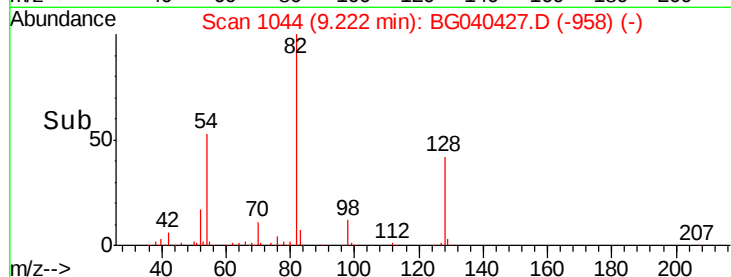
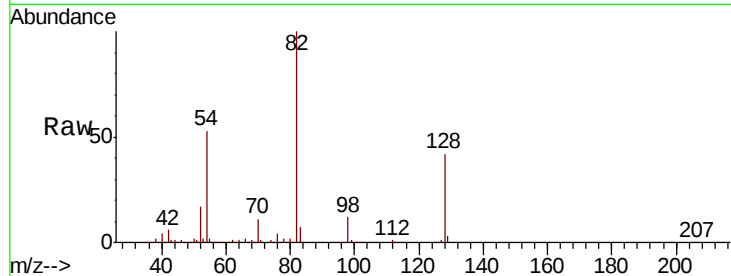




#23
 Nitrobenzene-d5
 Concen: 77.097 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040427.D
 Acq: 10 Apr 2019 23:02

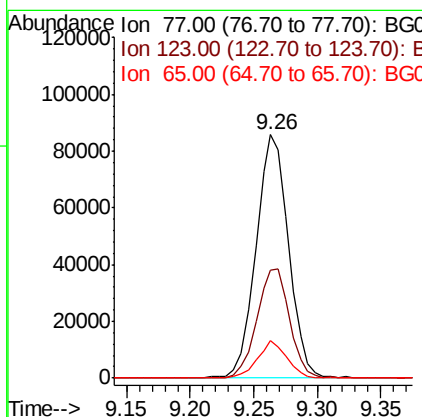
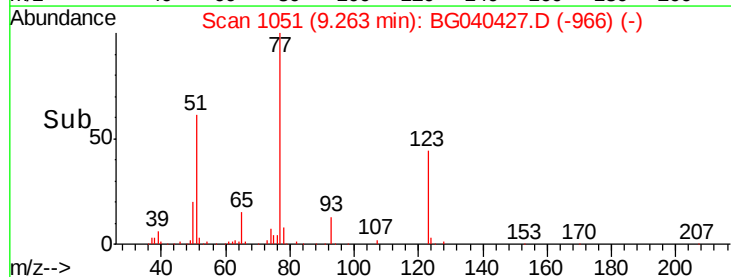
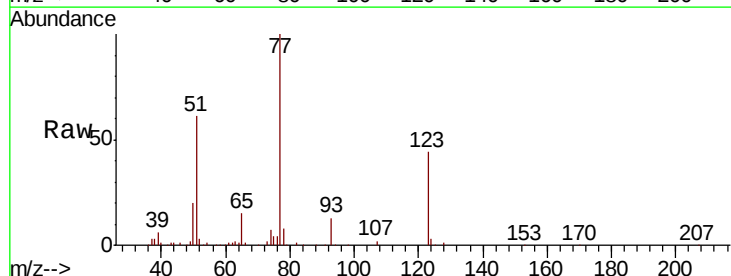
Instrument :
 BNA_G
 ClientSampleId :
 PB118770BS

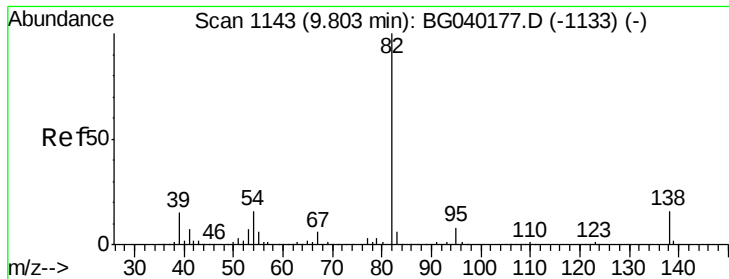
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.1	35.8	53.8
54	53.1	46.2	69.2



#24
 Nitrobenzene
 Concen: 42.079 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. -0.03 min
 Lab File: BG040427.D
 Acq: 10 Apr 2019 23:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.5	37.8	56.6
65	15.4	12.0	18.0





#25

Isophorone

Concen: 40.732 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.03 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

Instrument :

BNA_G

ClientSampleId :

PB118770BS

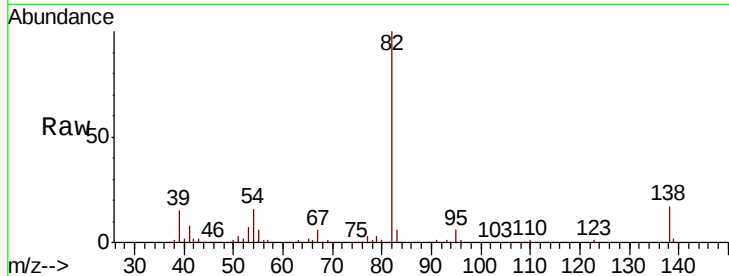
Tot Ion: 82 Resp: 294165

Ion Ratio Lower Upper

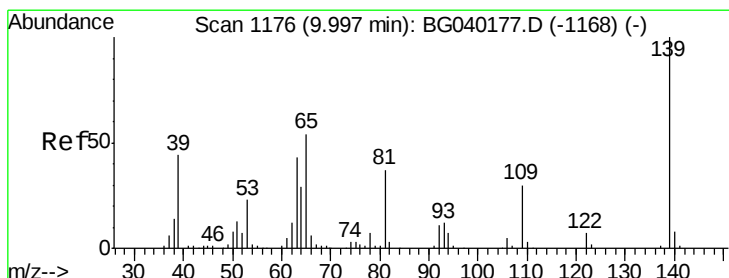
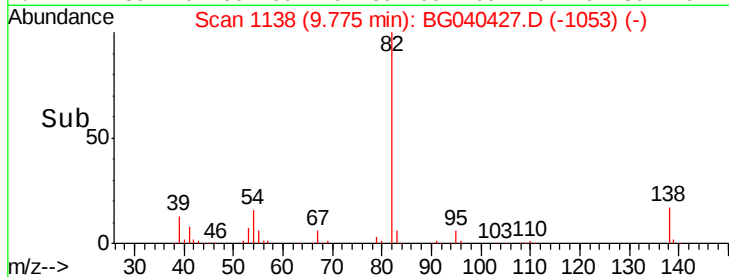
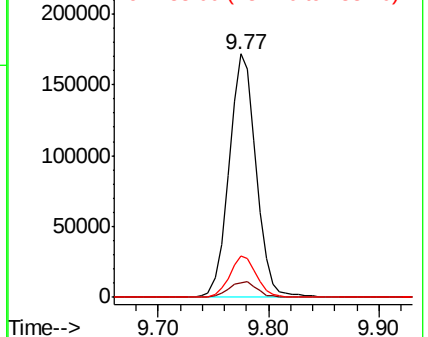
82 100

95 6.1 6.1 9.1

138 17.0 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: 43.039 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

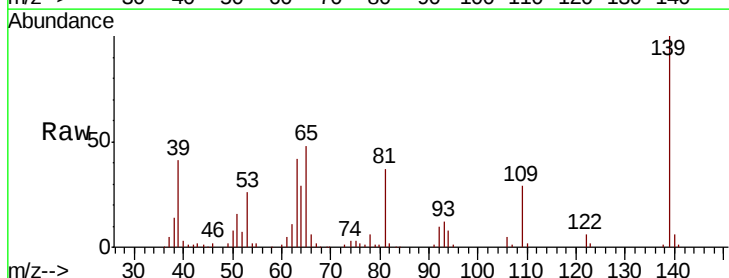
Tgt Ion: 139 Resp: 74124

Ion Ratio Lower Upper

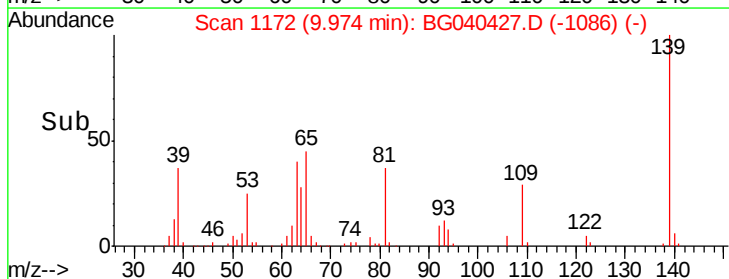
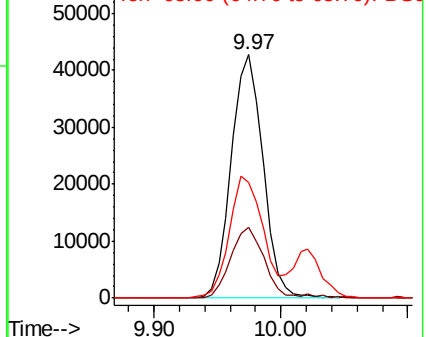
139 100

109 29.2 24.1 36.1

65 47.7 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

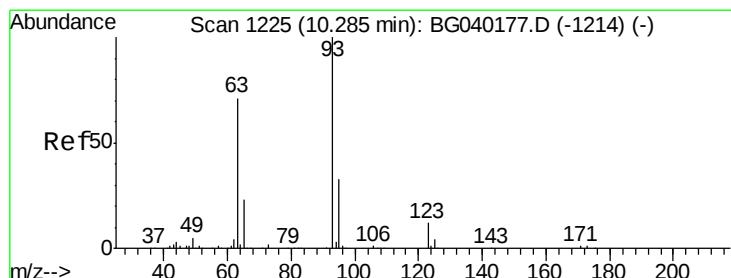
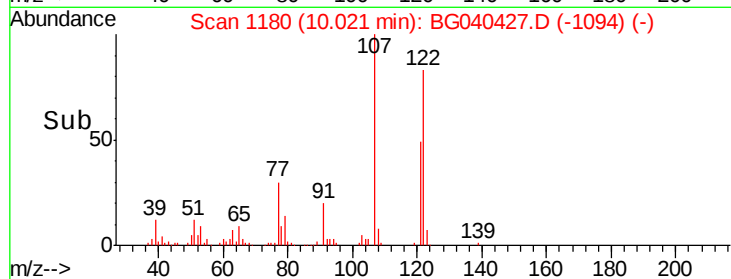
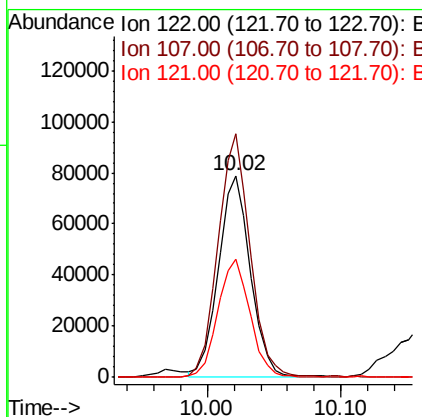
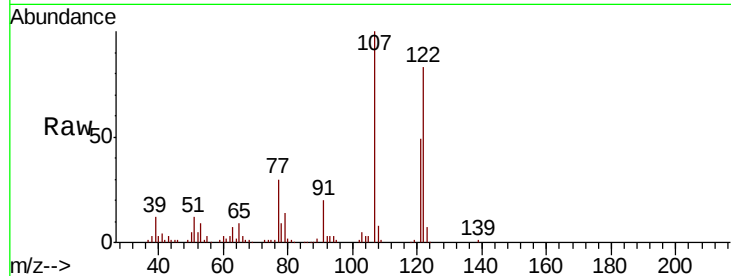




#27
 2,4-Dimethylphenol
 Concen: 47.819 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BG040427.D
 Acq: 10 Apr 2019 23:02

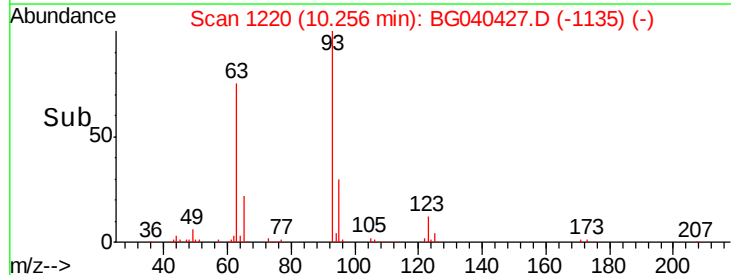
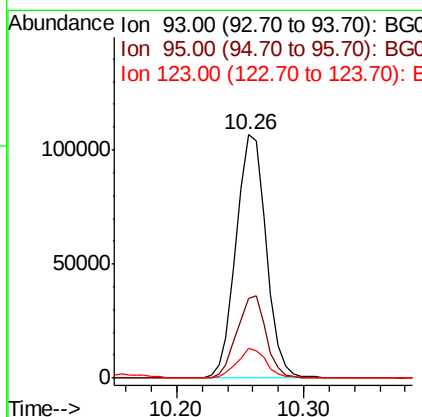
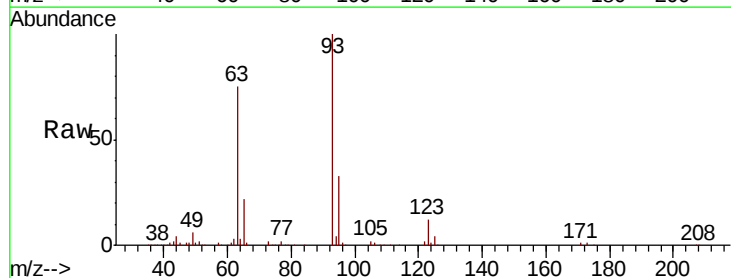
Instrument :
 BNA_G
 ClientSampleId :
 PB118770BS

Tot Ion:122 Resp: 130816
 Ion Ratio Lower Upper
 122 100
 107 120.7 97.4 146.2
 121 58.9 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.066 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.03 min
 Lab File: BG040427.D
 Acq: 10 Apr 2019 23:02

Tgt Ion: 93 Resp: 175461
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.2 39.4
 123 12.2 9.4 14.0

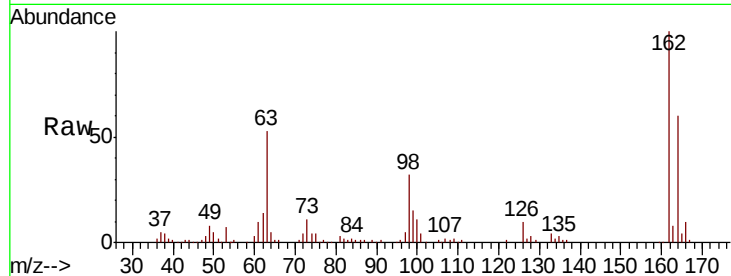




#29
 2,4-Dichlorophenol
 Concen: 46.692 ng
 RT: 10.50 min Scan# 1262
 Delta R.T. -0.03 min
 Lab File: BG040427.D
 Acq: 10 Apr 2019 23:02

Instrument :
 BNA_G
 ClientSampleID :
 PB118770BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	60.2	43.9	83.9
98	32.5	15.6	55.6

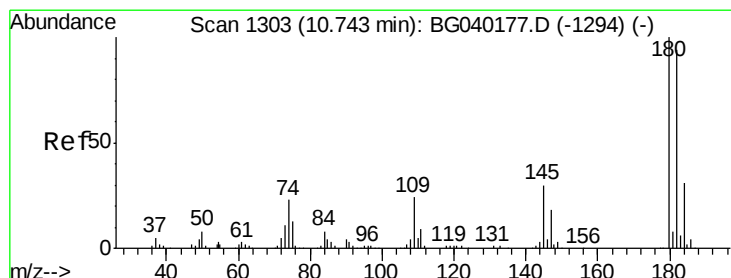
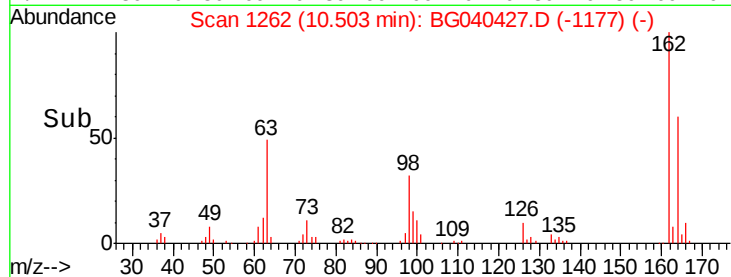
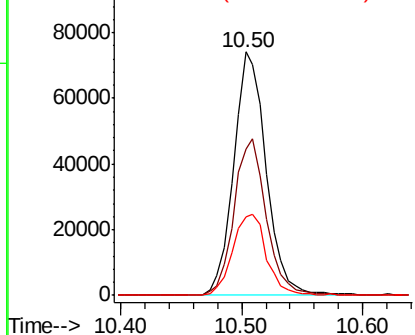


Abundance

Ion 162.00 (161.70 to 162.70): E

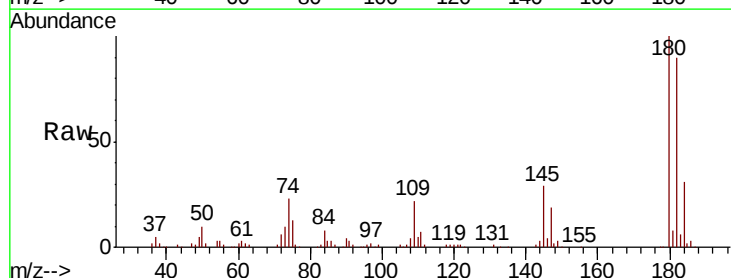
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 43.333 ng
 RT: 10.71 min Scan# 1298
 Delta R.T. -0.03 min
 Lab File: BG040427.D
 Acq: 10 Apr 2019 23:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.3	75.1	112.7
145	29.0	24.1	36.1

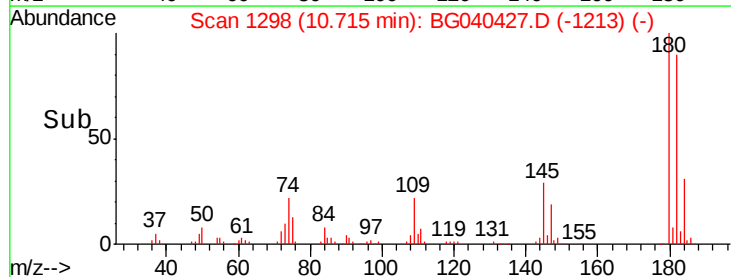
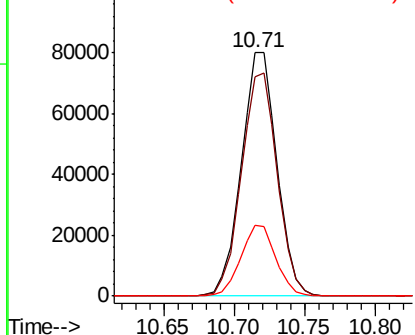


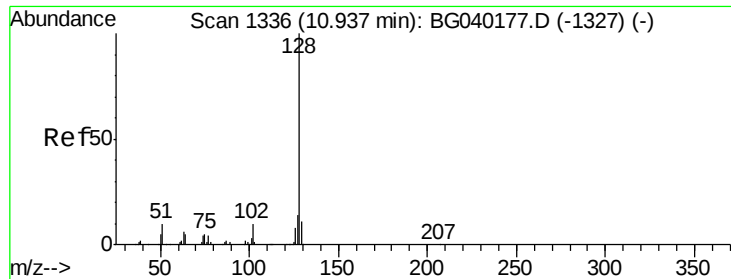
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.401 ng

RT: 10.91 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

Instrument :

BNA_G

ClientSampleId :

PB118770BS

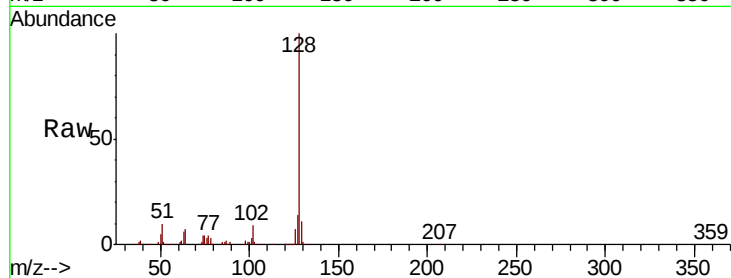
Tot Ion:128 Resp: 415036

Ion Ratio Lower Upper

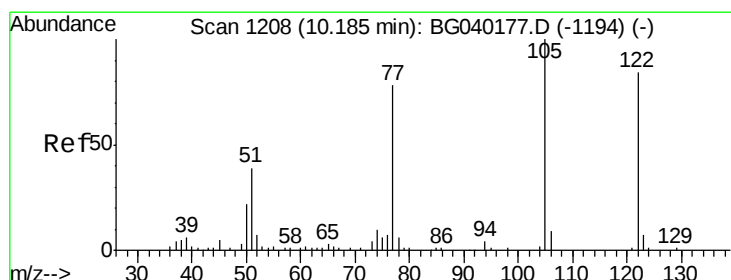
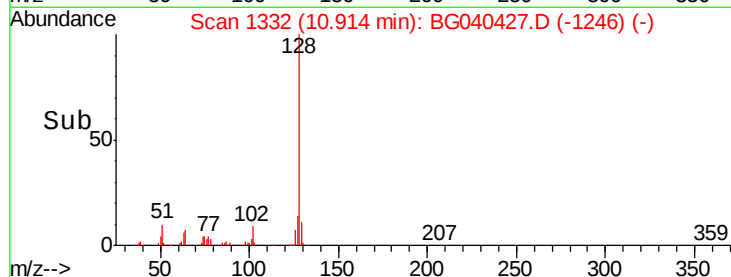
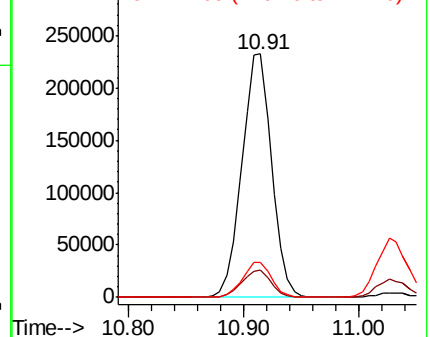
128 100

129 11.4 8.9 13.3

127 14.2 11.4 17.0



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



#32

Benzoic acid

Concen: 35.419 ng

RT: 10.16 min Scan# 1204

Delta R.T. -0.02 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

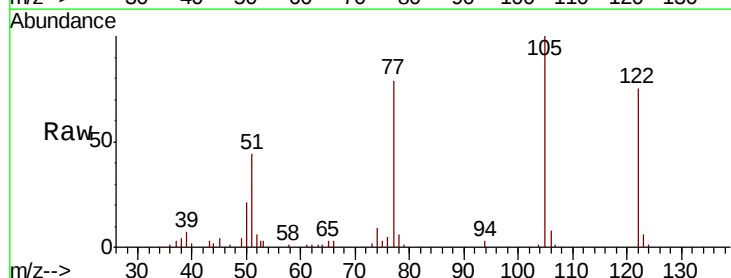
Tgt Ion:122 Resp: 58542

Ion Ratio Lower Upper

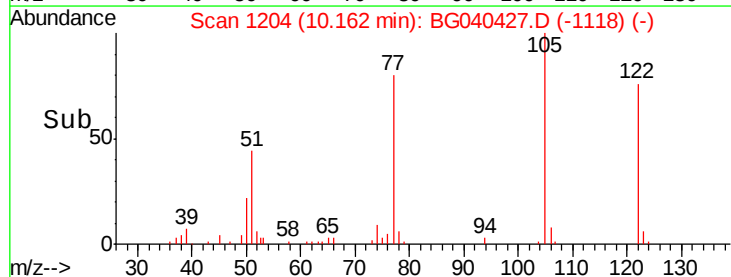
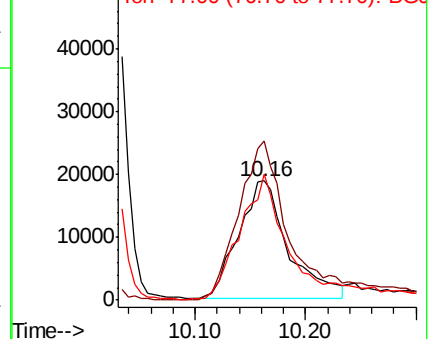
122 100

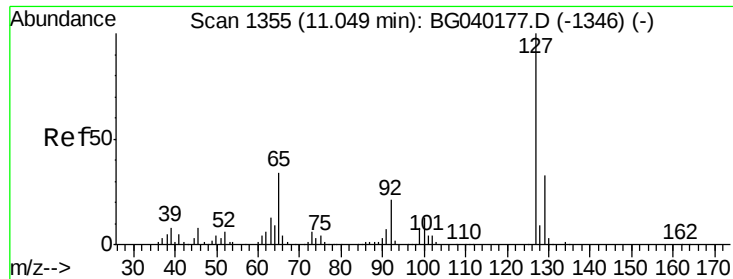
105 133.2 98.2 138.2

77 105.5 73.6 113.6



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

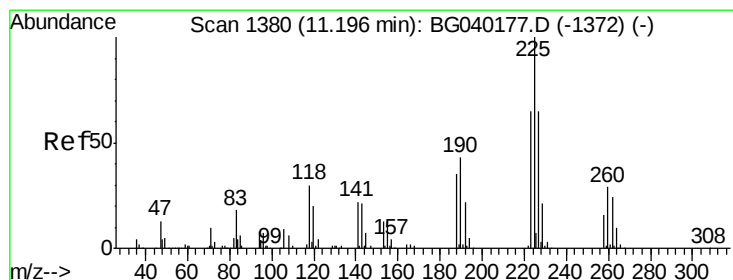
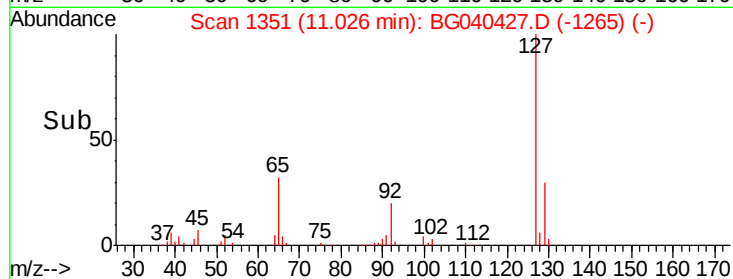
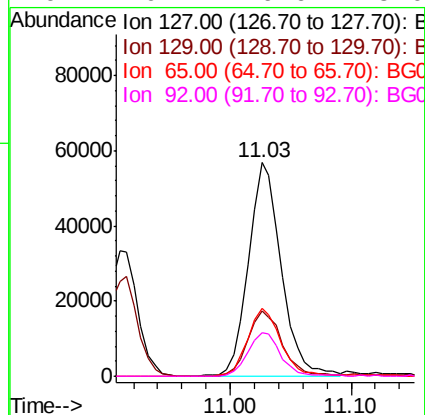
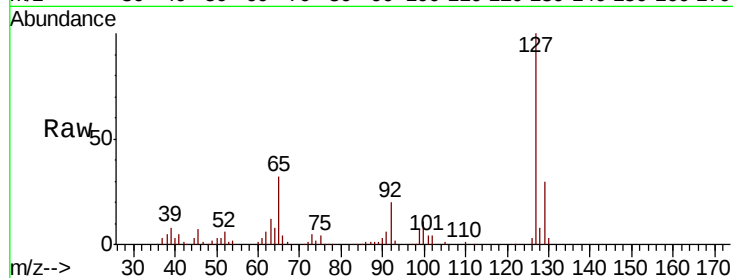




#33
4-Chloroaniline
Concen: 26.374 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG040427.D
Acq: 10 Apr 2019 23:02

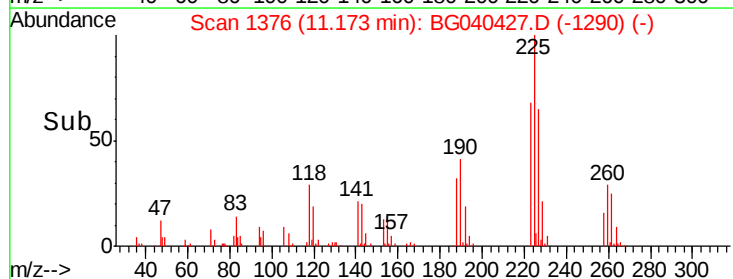
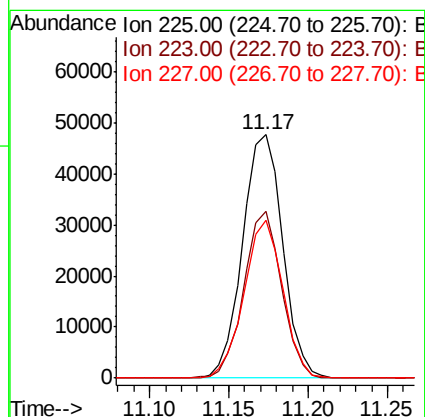
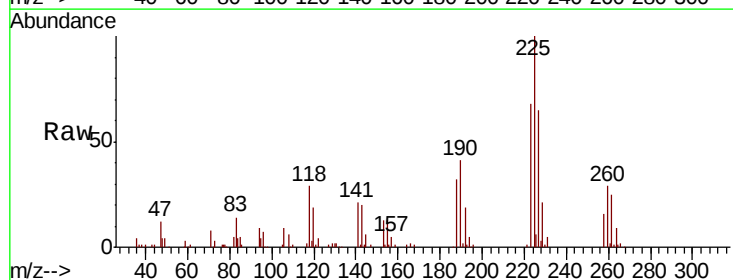
Instrument :
BNA_G
ClientSampleId :
PB118770BS

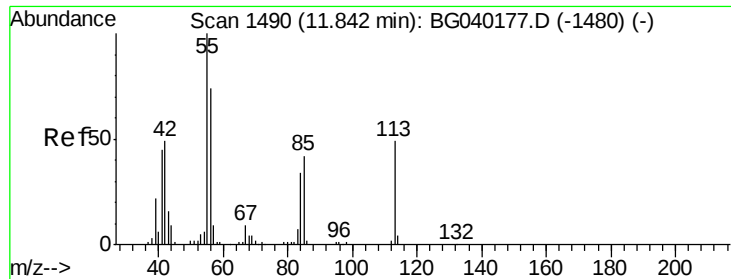
Tot Ion:	127	Resp:	107580
Ion	Ratio	Lower	Upper
127	100		
129	30.5	26.6	40.0
65	31.9	27.0	40.4
92	20.1	16.6	25.0



#34
Hexachlorobutadiene
Concen: 40.190 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG040427.D
Acq: 10 Apr 2019 23:02

Tgt Ion:	225	Resp:	83806
Ion	Ratio	Lower	Upper
225	100		
223	68.3	51.8	77.8
227	64.8	54.9	82.3





#35

Caprolactam

Concen: 43.314 ng

RT: 11.81 min Scan# 1485

Delta R.T. -0.03 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

Instrument :

BNA_G

ClientSampleId :

PB118770BS

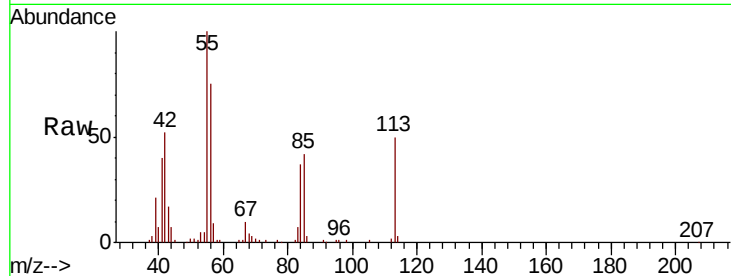
Tot Ion:113 Resp: 51040

Ion Ratio Lower Upper

113 100

55 201.0 184.2 224.2

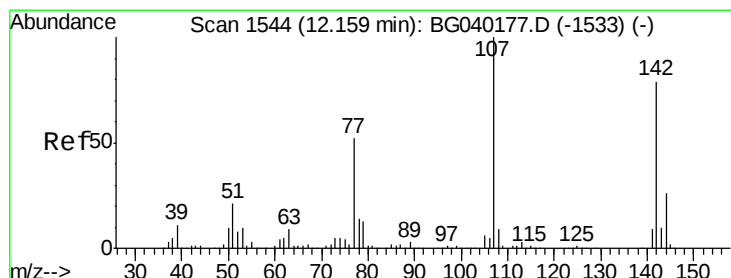
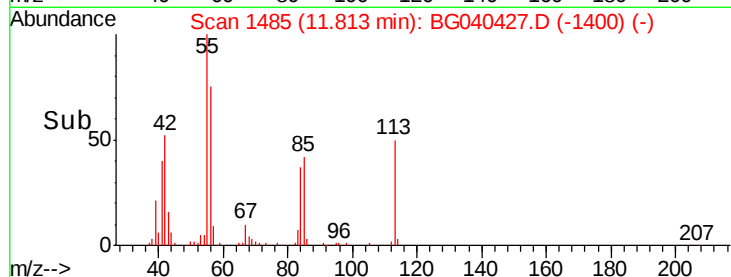
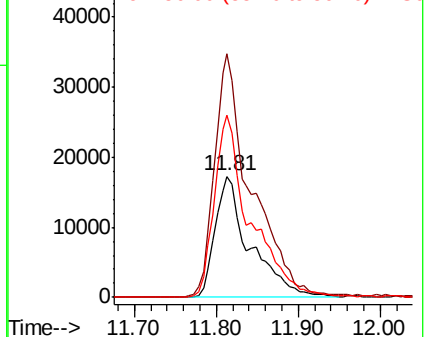
56 150.0 131.3 171.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 46.598 ng

RT: 12.14 min Scan# 1540

Delta R.T. -0.02 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

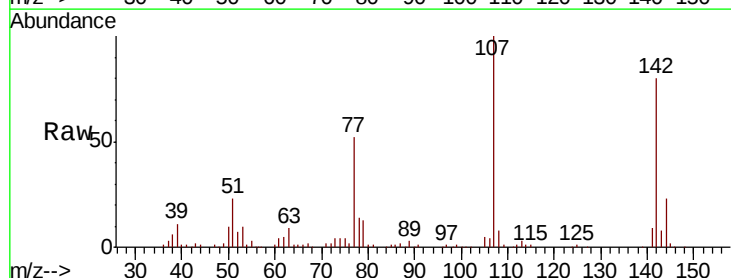
Tgt Ion:107 Resp: 159070

Ion Ratio Lower Upper

107 100

144 23.5 20.5 30.7

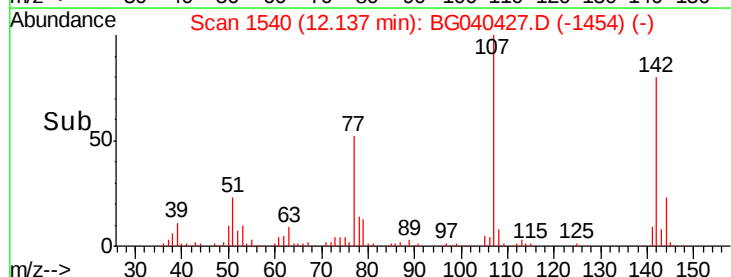
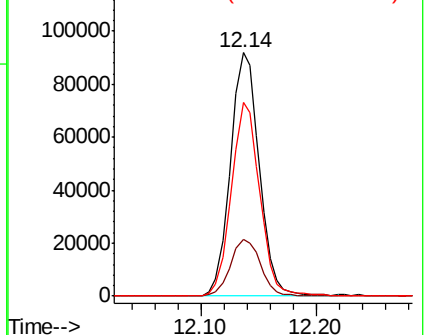
142 79.7 63.1 94.7

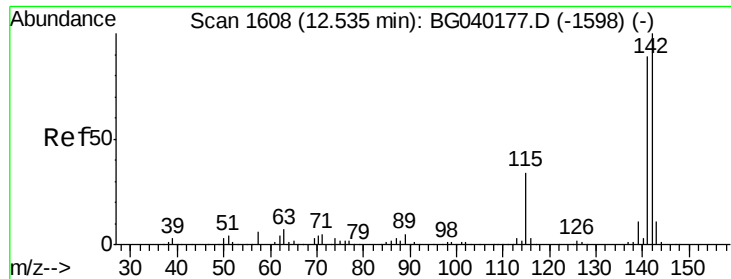


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

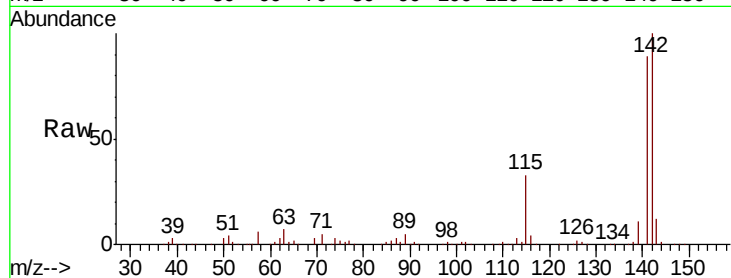




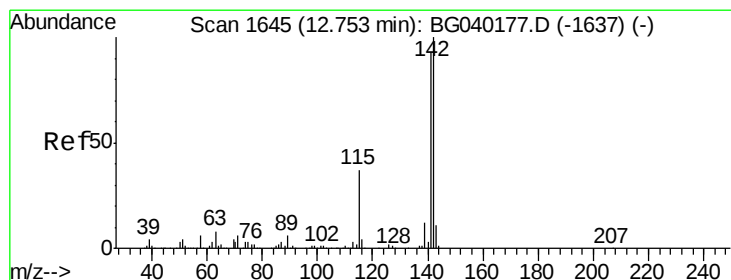
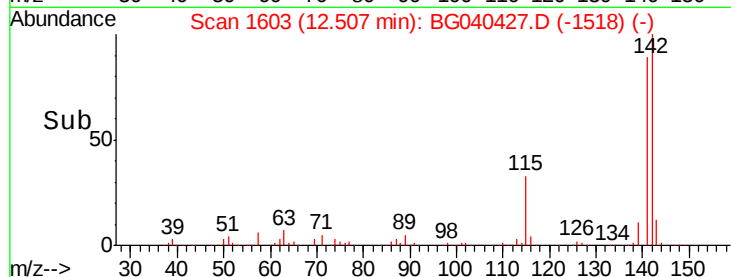
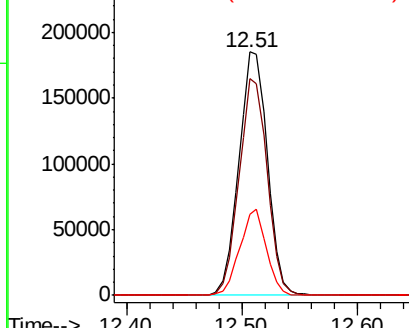
#37
2-Methylnaphthalene
Concen: 44.876 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.03 min
Lab File: BG040427.D
Acq: 10 Apr 2019 23:02

Instrument :
BNA_G
ClientSampleId :
PB118770BS

Tot Ion:142 Resp: 317388
Ion Ratio Lower Upper
142 100
141 88.9 71.0 106.6
115 33.5 27.3 40.9

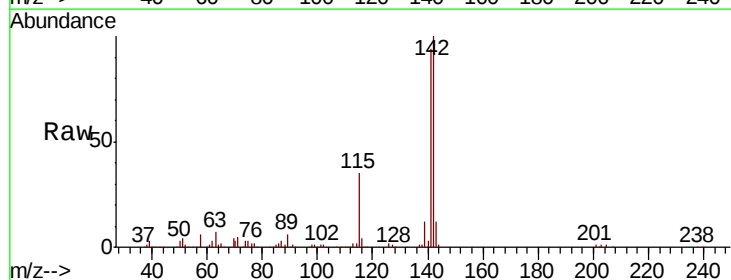


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

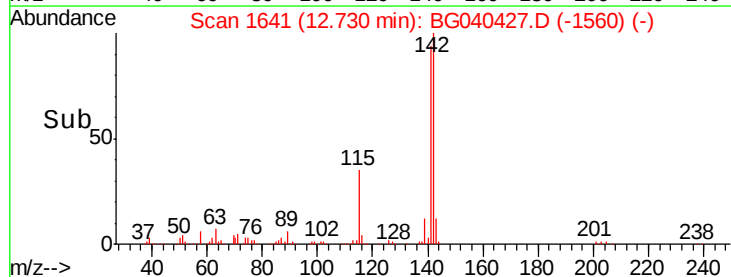
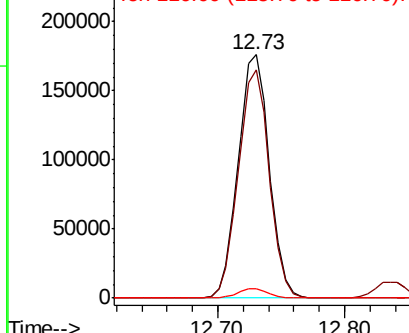


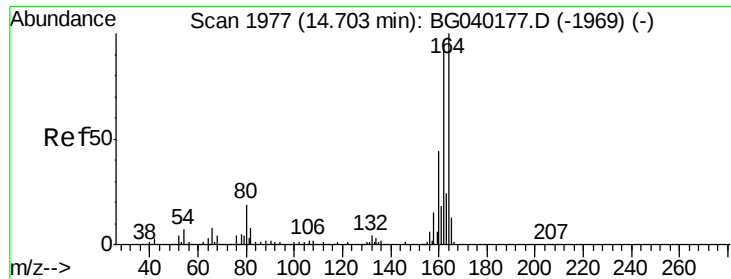
#38
1-Methylnaphthalene
Concen: 43.561 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.02 min
Lab File: BG040427.D
Acq: 10 Apr 2019 23:02

Tgt Ion:142 Resp: 298750
Ion Ratio Lower Upper
142 100
141 94.0 74.2 111.4
116 3.7 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: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

Instrument :

BNA_G

ClientSampleId :

PB118770BS

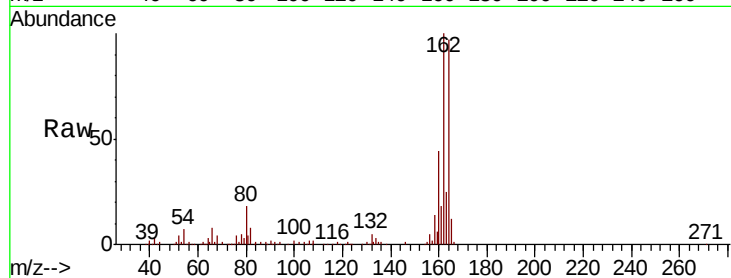
Tot Ion:164 Resp: 122433

Ion Ratio Lower Upper

164 100

162 103.0 77.4 116.2

160 45.7 35.3 52.9

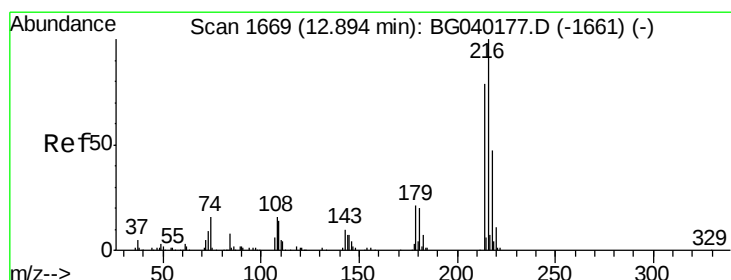
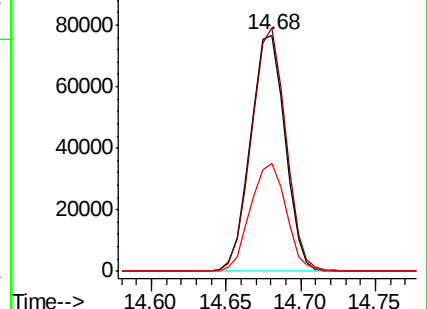
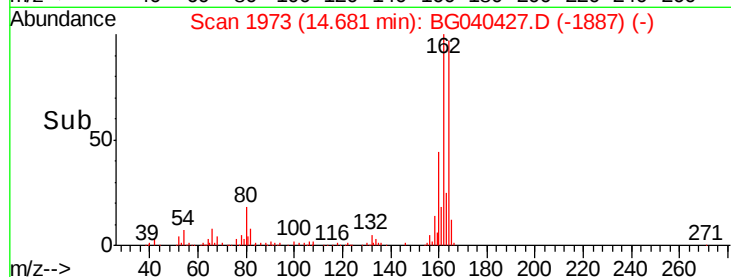


Abundance

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: 41.069 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.02 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

Tgt Ion:216 Resp: 159812

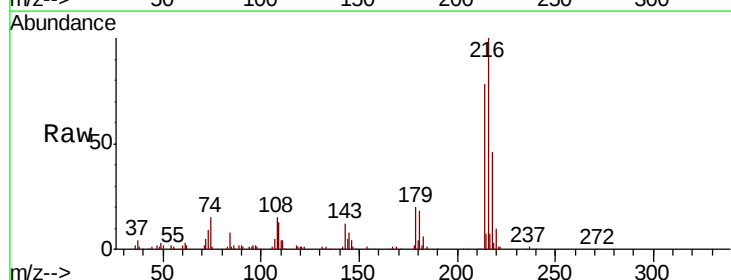
Ion Ratio Lower Upper

216 100

214 79.4 63.5 95.3

179 20.8 16.6 25.0

108 19.1 13.8 20.8



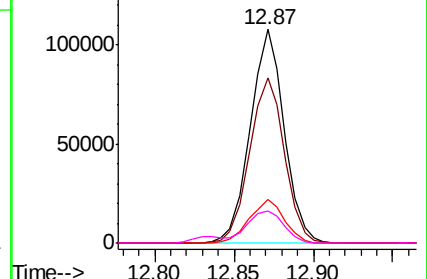
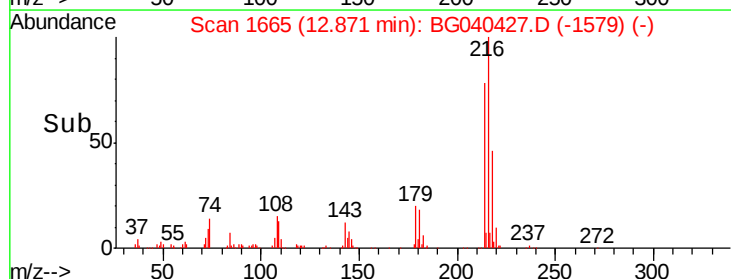
Abundance

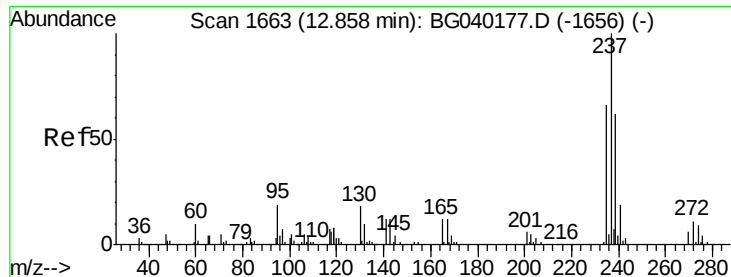
Ion 216.00 (215.70 to 216.70): E

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: 80.487 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

Instrument :

BNA_G

ClientSampled :

PB118770BS

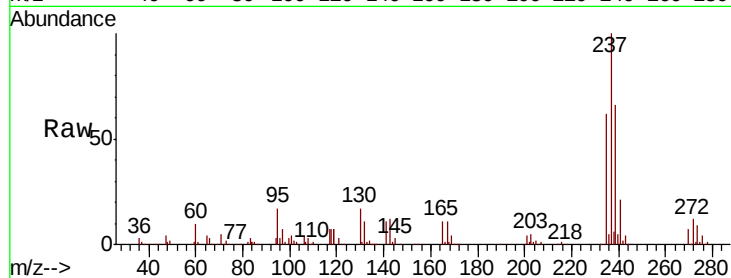
Tot Ion:237 Resp: 171972

Ion Ratio Lower Upper

237 100

235 62.1 46.2 86.2

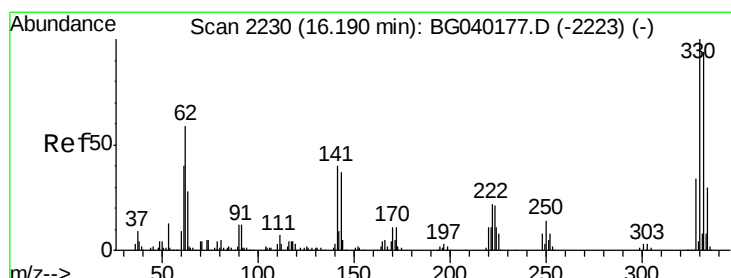
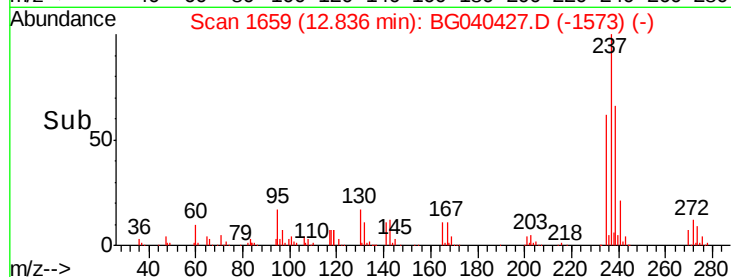
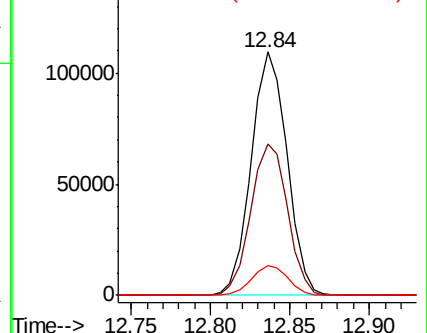
272 12.3 0.0 30.5



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: 149.419 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

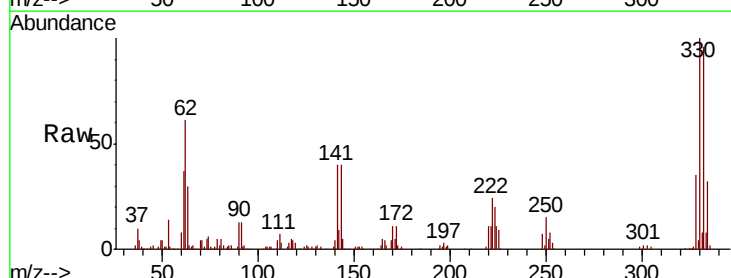
Tgt Ion:330 Resp: 197708

Ion Ratio Lower Upper

330 100

332 95.5 76.6 115.0

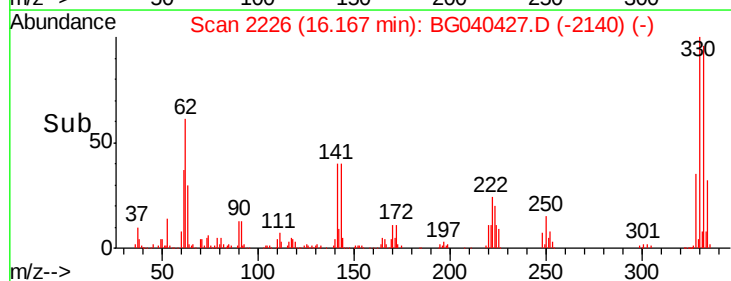
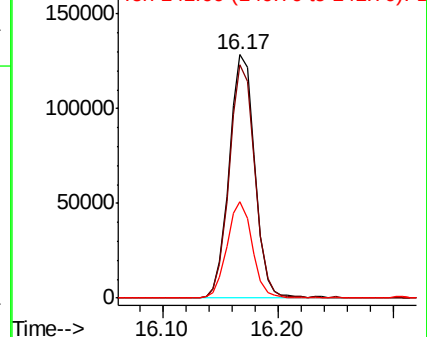
141 38.8 32.6 48.8



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

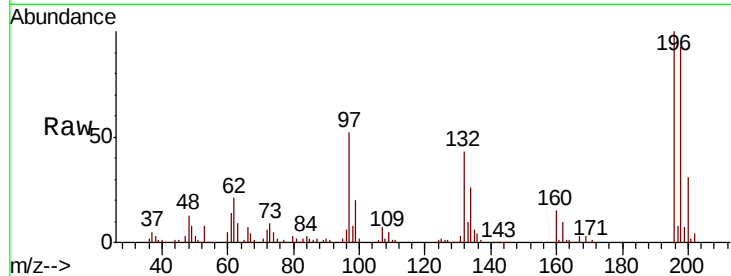




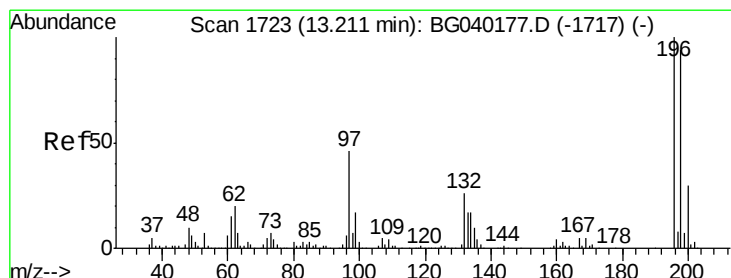
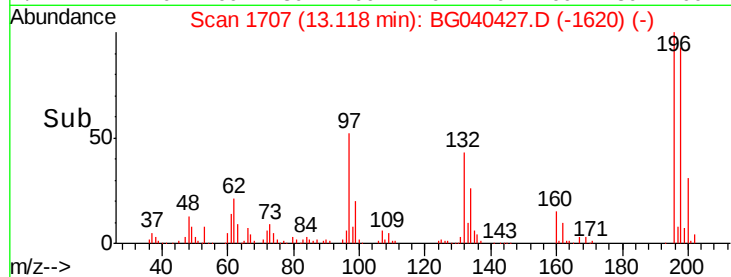
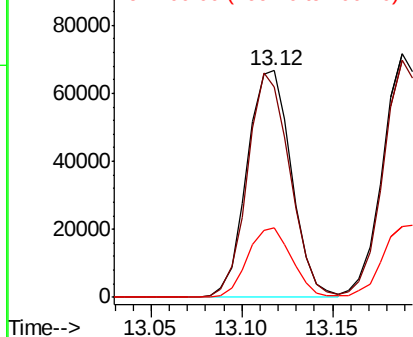
#43
 2,4,6-Trichlorophenol
 Concen: 45.165 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.02 min
 Lab File: BG040427.D
 Acq: 10 Apr 2019 23:02

Instrument :
 BNA_G
 ClientSampleId :
 PB118770BS

Tot Ion:196 Resp: 113314
 Ion Ratio Lower Upper
 196 100
 198 92.9 78.3 117.5
 200 30.7 26.0 39.0

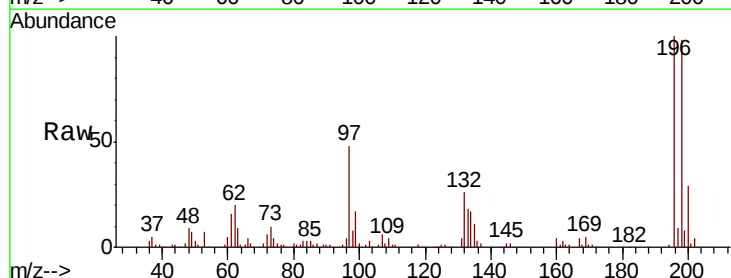


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

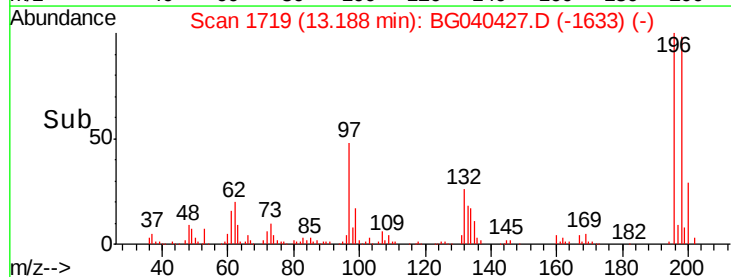
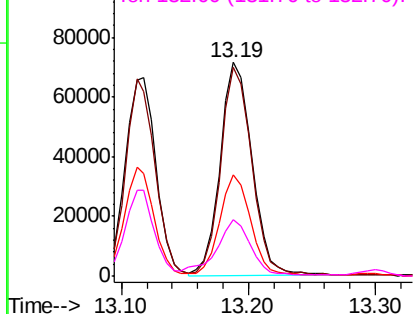


#44
 2,4,5-Trichlorophenol
 Concen: 45.294 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040427.D
 Acq: 10 Apr 2019 23:02

Tgt Ion:196 Resp: 123861
 Ion Ratio Lower Upper
 196 100
 198 97.6 75.0 112.6
 97 47.6 37.3 55.9
 132 26.2 20.9 31.3



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

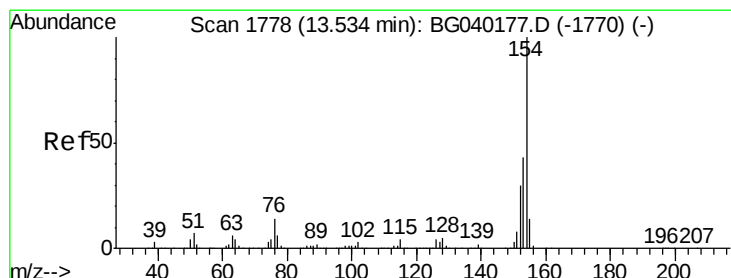
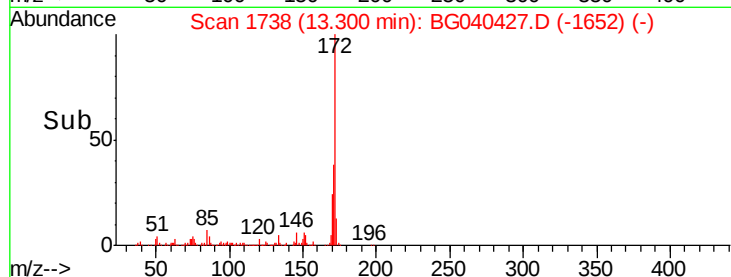
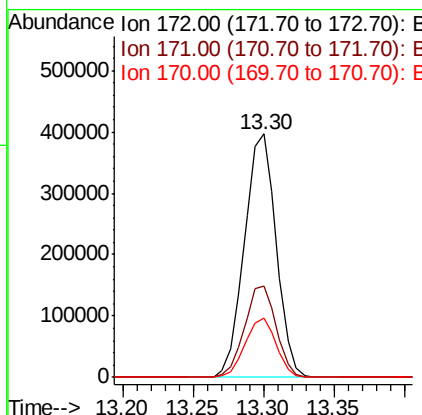
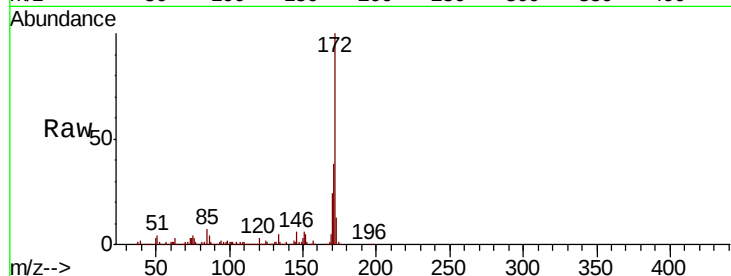




#45
2-Fluorobiphenyl
Concen: 75.787 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040427.D
Acq: 10 Apr 2019 23:02

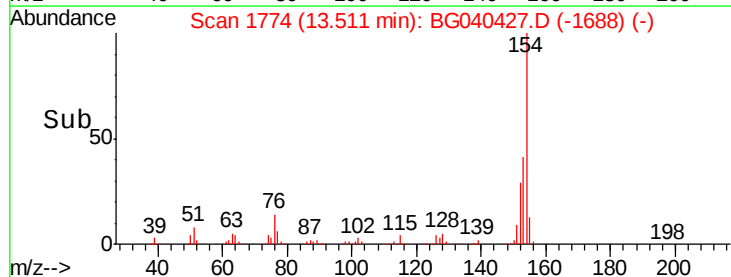
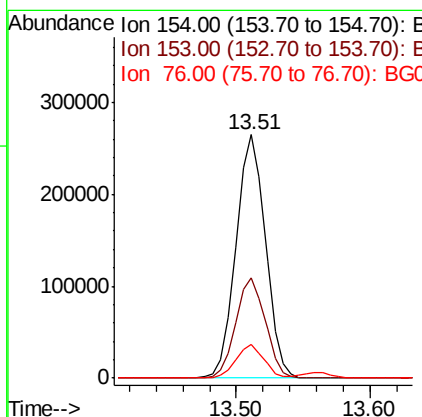
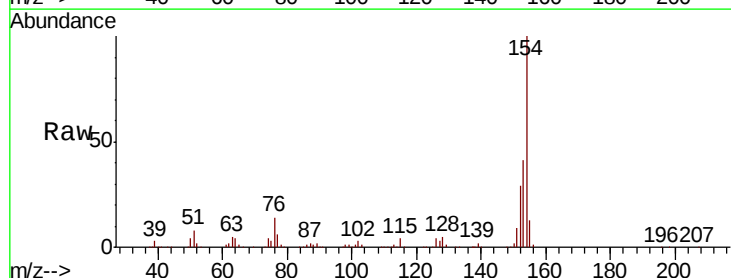
Instrument :
BNA_G
ClientSampleId :
PB118770BS

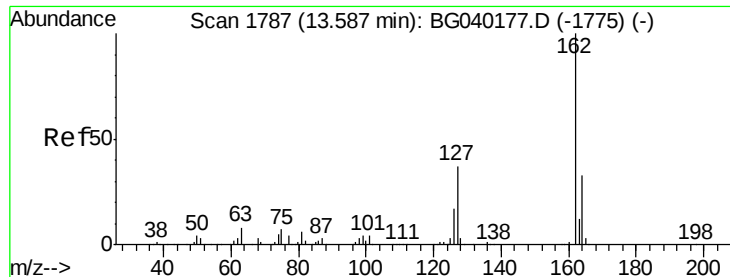
Tot Ion:172 Resp: 626200
Ion Ratio Lower Upper
172 100
171 37.7 30.5 45.7
170 24.2 20.1 30.1



#46
1,1'-Biphenyl
Concen: 41.835 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG040427.D
Acq: 10 Apr 2019 23:02

Tgt Ion:154 Resp: 404704
Ion Ratio Lower Upper
154 100
153 41.3 22.5 62.5
76 13.8 0.0 33.7

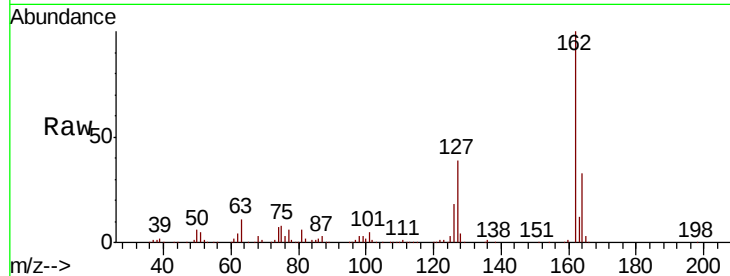




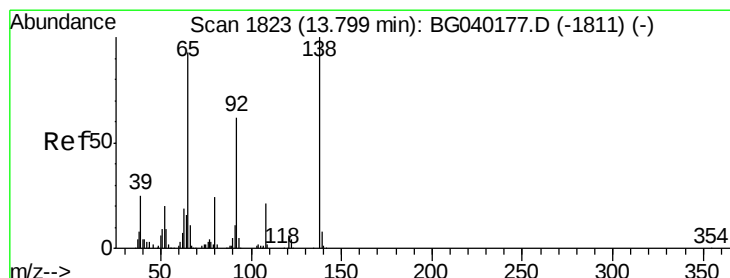
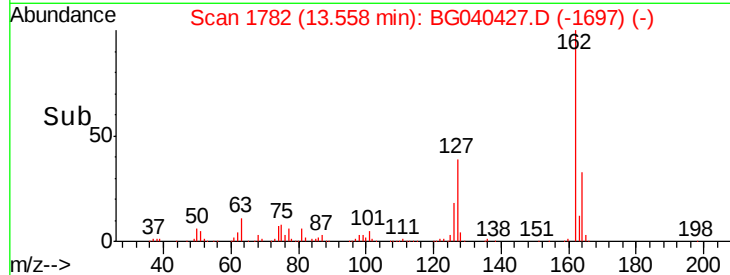
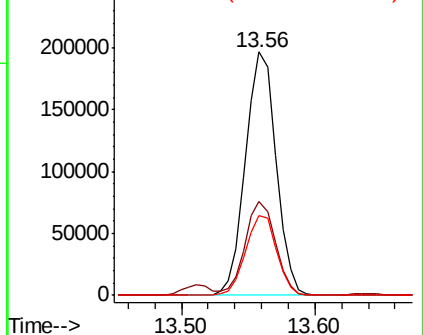
#47
2-Chloronaphthalene
Concen: 41.939 ng
RT: 13.56 min Scan# 1782
Delta R.T. -0.03 min
Lab File: BG040427.D
Acq: 10 Apr 2019 23:02

Instrument :
BNA_G
ClientSampleId :
PB118770BS

Tot Ion:162 Resp: 311208
Ion Ratio Lower Upper
162 100
127 38.7 30.6 45.8
164 32.9 26.2 39.4

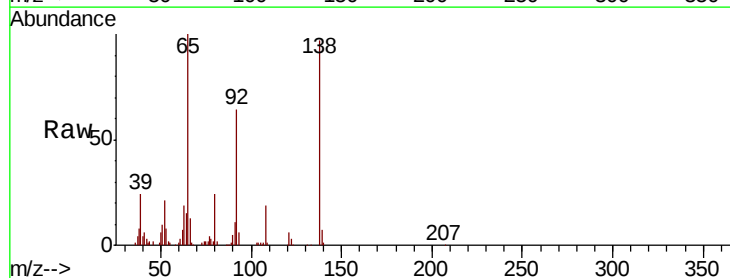


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

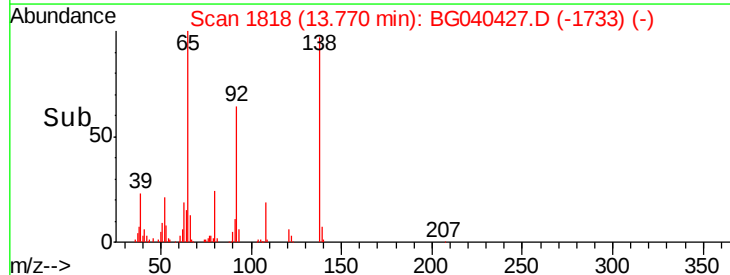
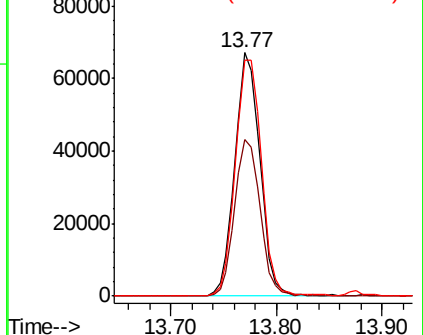


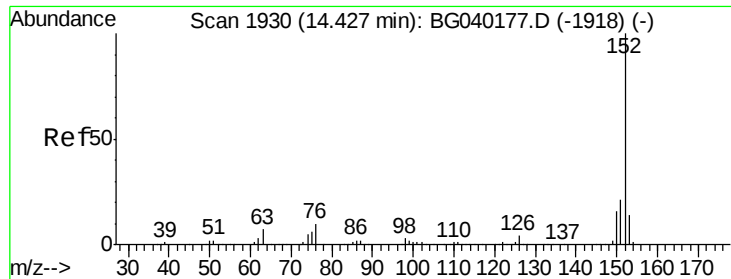
#48
2-Nitroaniline
Concen: 43.985 ng
RT: 13.77 min Scan# 1818
Delta R.T. -0.03 min
Lab File: BG040427.D
Acq: 10 Apr 2019 23:02

Tgt Ion: 65 Resp: 110092
Ion Ratio Lower Upper
65 100
92 64.2 53.8 80.6
138 97.1 86.3 129.5



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





#49

Acenaphthylene

Concen: 41.864 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

Instrument :

BNA_G

ClientSampleId :

PB118770BS

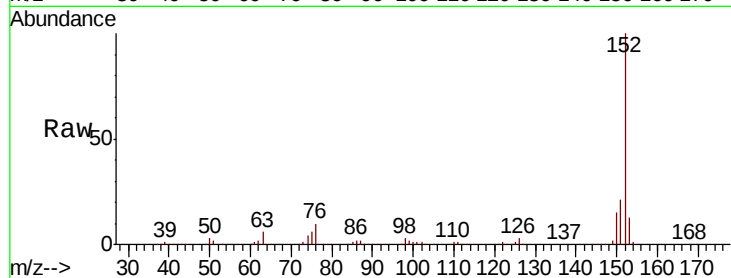
Tot Ion:152 Resp: 526705

Ion Ratio Lower Upper

152 100

151 21.1 17.0 25.6

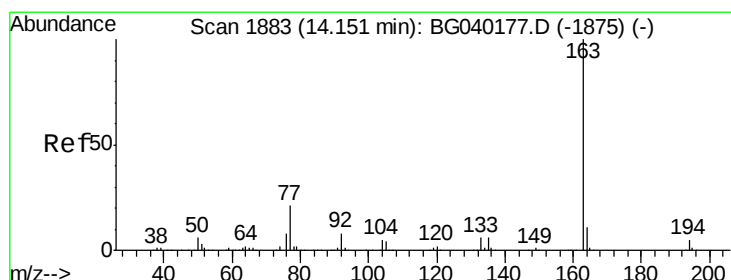
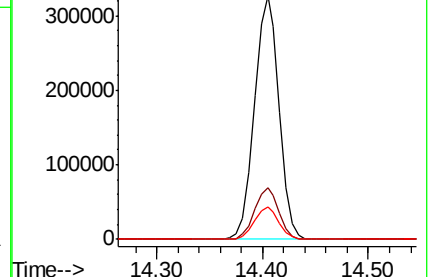
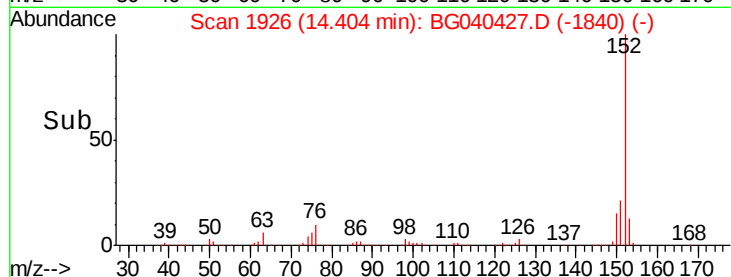
153 13.3 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.778 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

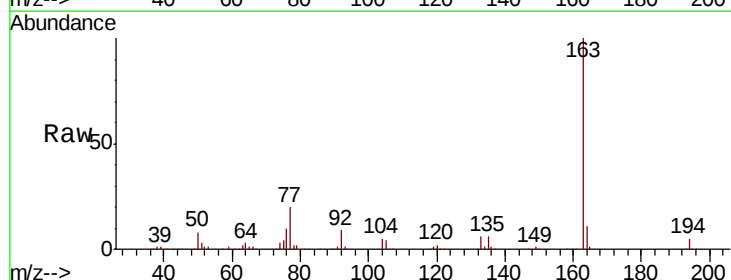
Tgt Ion:163 Resp: 409902

Ion Ratio Lower Upper

163 100

194 4.7 4.1 6.1

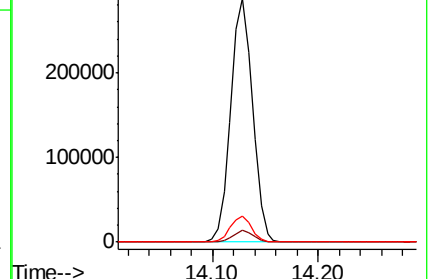
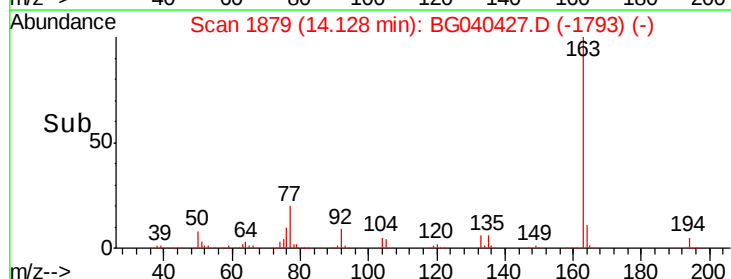
164 10.6 8.6 13.0

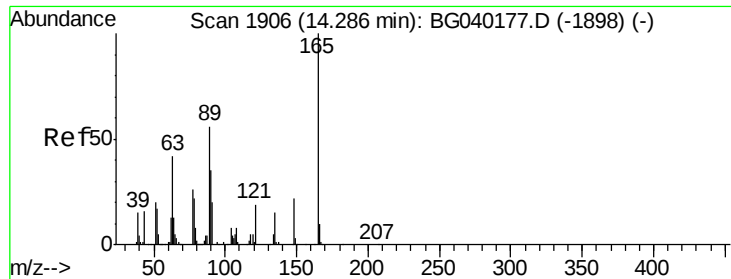


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

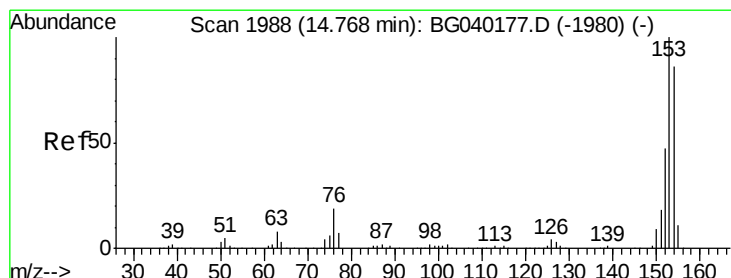
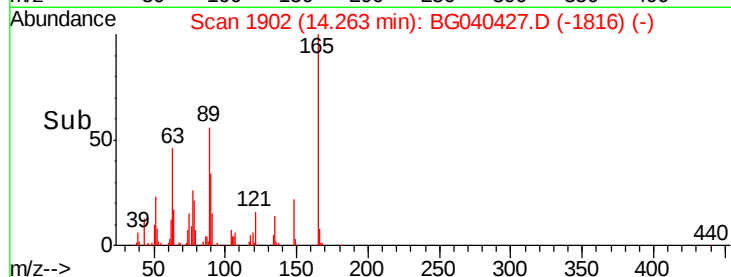
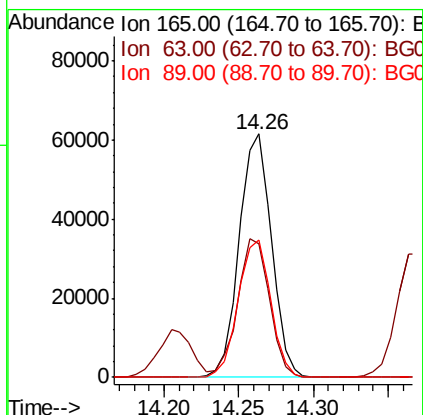
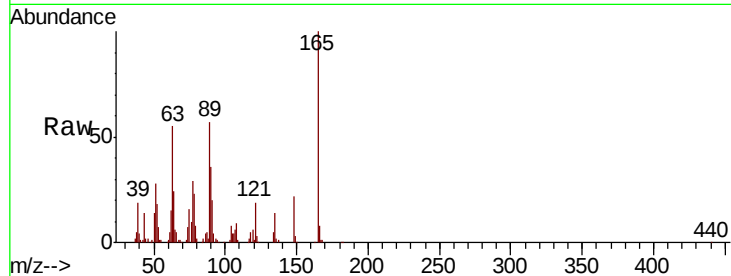




#51
2,6-Dinitrotoluene
Concen: 42.923 ng
RT: 14.26 min Scan# 1902
Delta R.T. -0.02 min
Lab File: BG040427.D
Acq: 10 Apr 2019 23:02

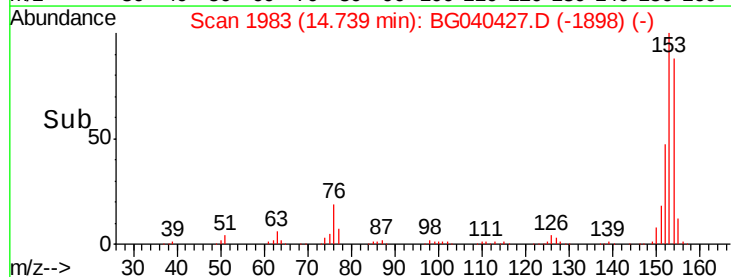
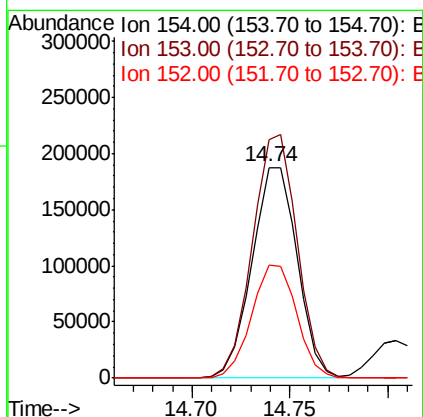
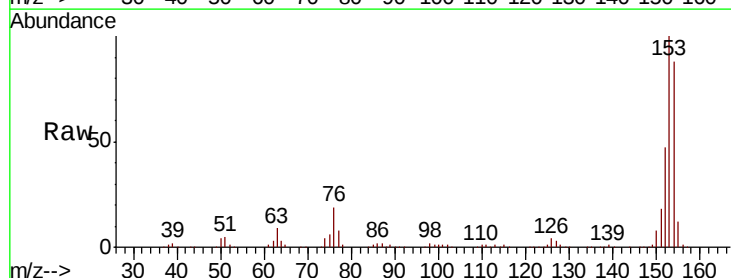
Instrument :
BNA_G
ClientSampleId :
PB118770BS

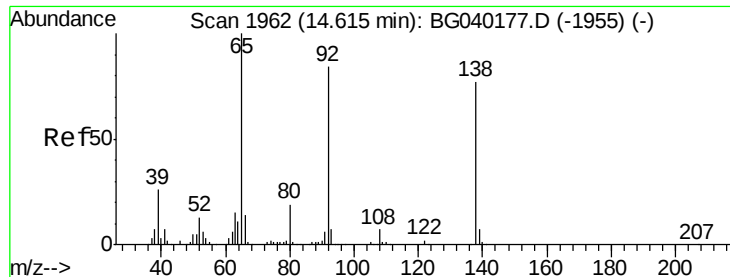
Tot Ion	Ratio	Lower	Upper
165	100		
63	54.9	44.1	66.1
89	56.6	44.9	67.3



#52
Acenaphthene
Concen: 41.857 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.03 min
Lab File: BG040427.D
Acq: 10 Apr 2019 23:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.3	92.8	139.2
152	53.6	43.4	65.2





#53

3-Nitroaniline

Concen: 34.327 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.02 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

Instrument :

BNA_G

ClientSampleId :

PB118770BS

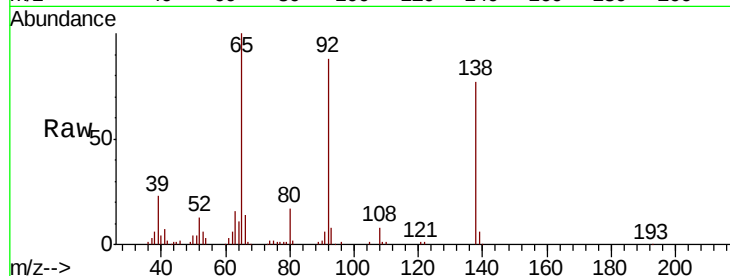
Tot Ion:138 Resp: 78177

Ion Ratio Lower Upper

138 100

108 10.9 7.8 11.8

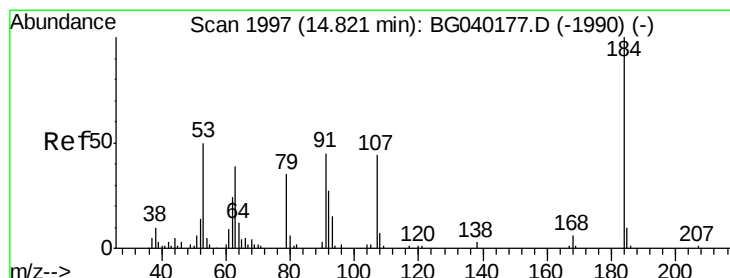
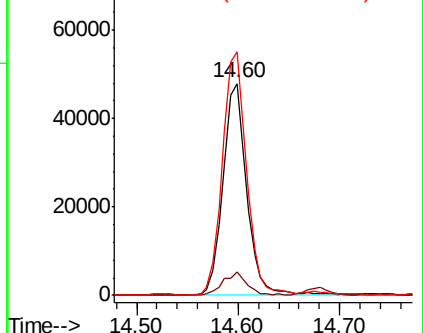
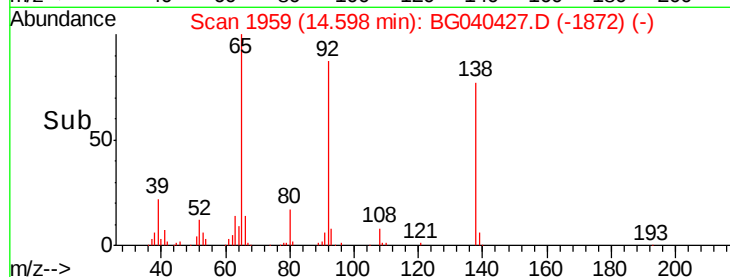
92 114.8 87.5 131.3



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: 87.212 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

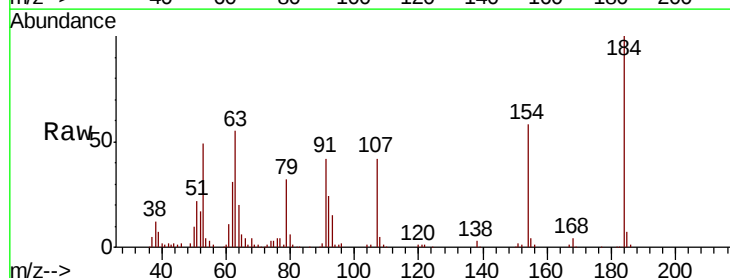
Tgt Ion:184 Resp: 99790

Ion Ratio Lower Upper

184 100

63 55.3 51.8 77.8

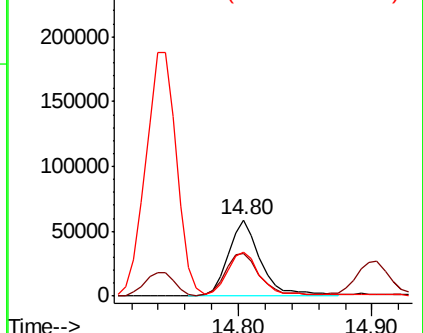
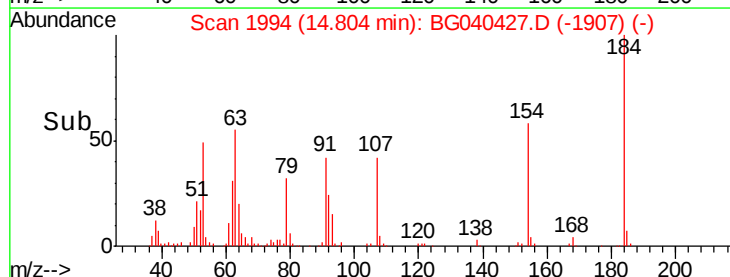
154 57.6 50.9 76.3

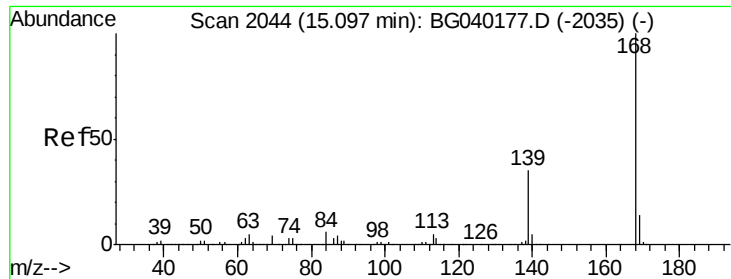


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 43.547 ng

RT: 15.07 min Scan# 2040

Delta R.T. -0.02 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

Instrument :

BNA_G

ClientSampleId :

PB118770BS

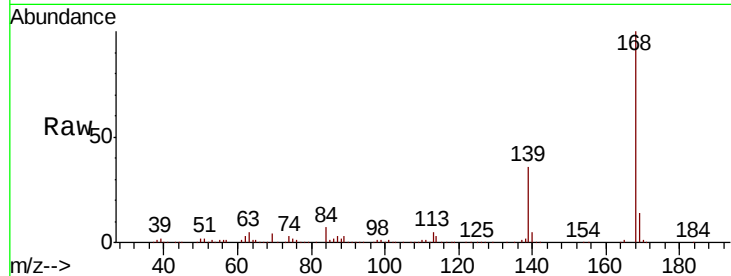
Tot Ion:168 Resp: 504450

Ion Ratio Lower Upper

168 100

139 35.6 27.9 41.9

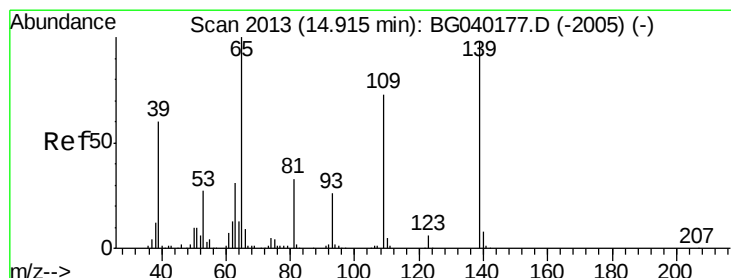
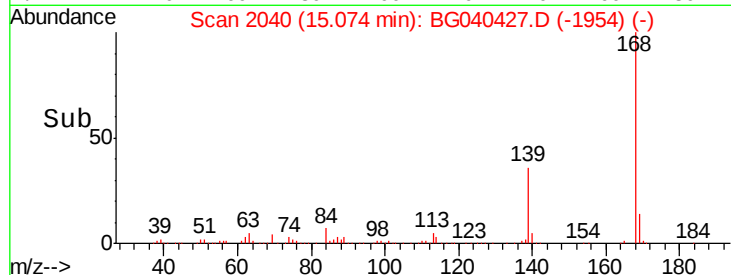
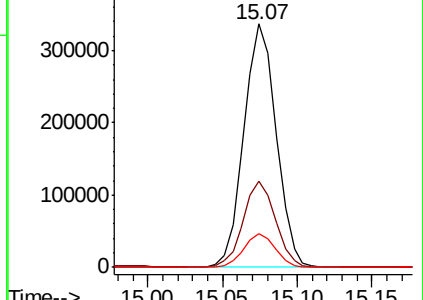
169 13.7 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 89.357 ng

RT: 14.90 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

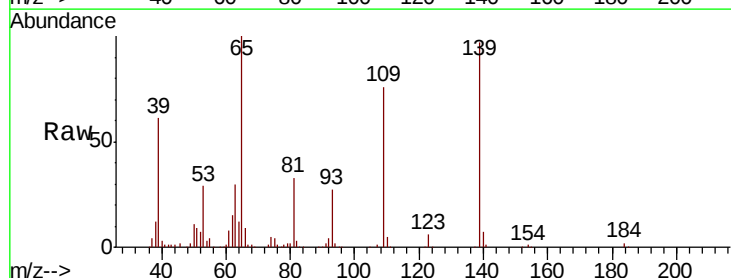
Tgt Ion:139 Resp: 164246

Ion Ratio Lower Upper

139 100

109 78.0 54.3 94.3

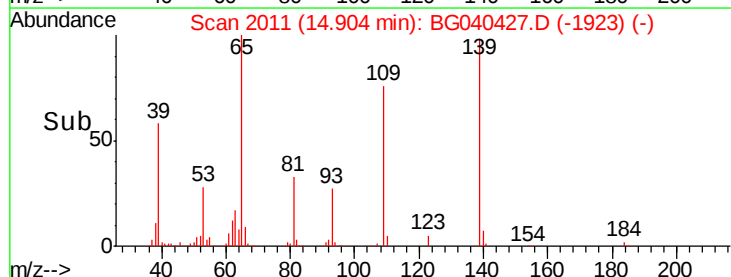
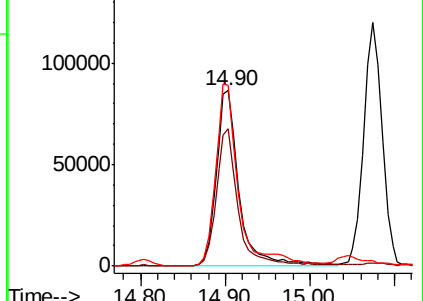
65 103.1 82.5 122.5

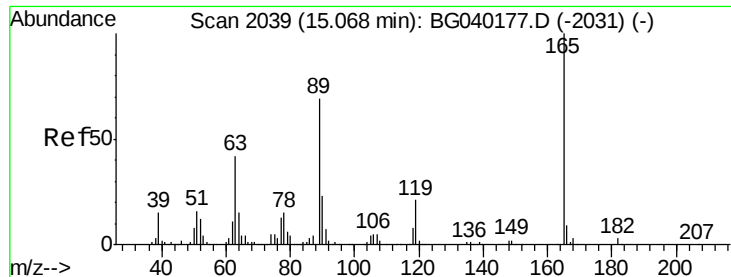


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

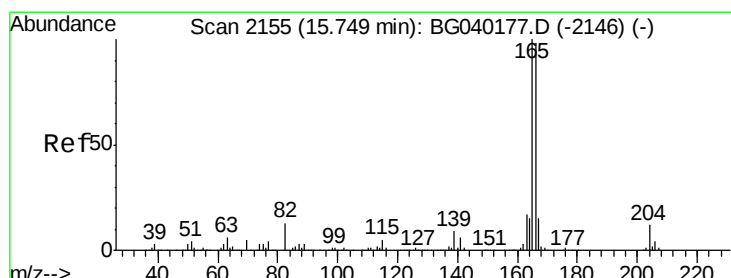
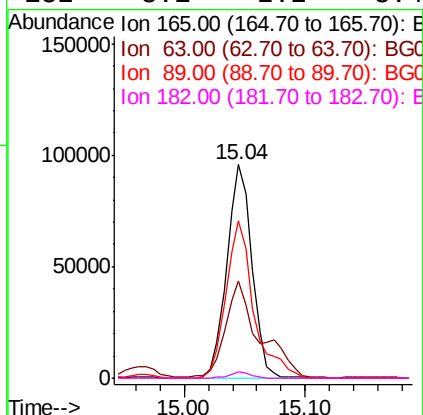
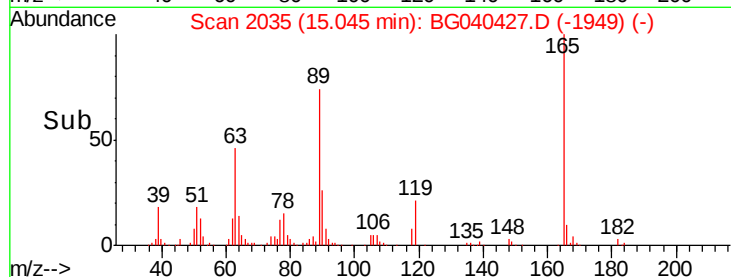
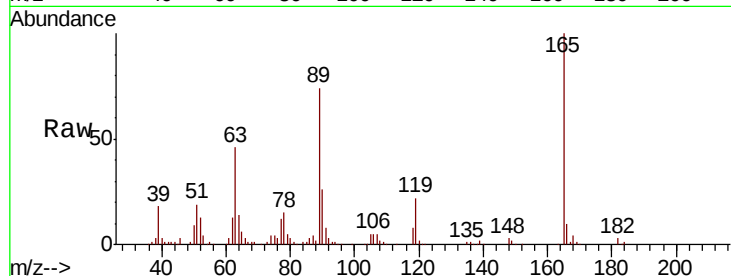




#57
2,4-Dinitrotoluene
Concen: 46.208 ng
RT: 15.04 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BG040427.D
Acq: 10 Apr 2019 23:02

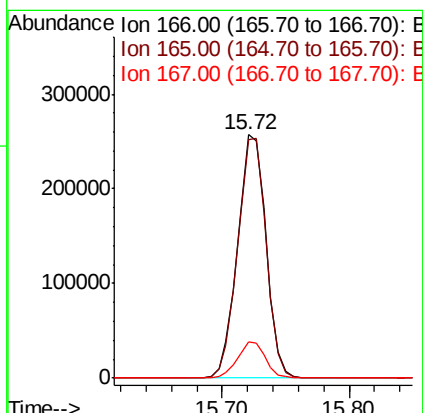
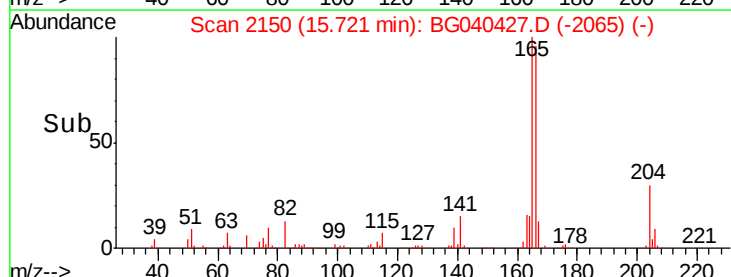
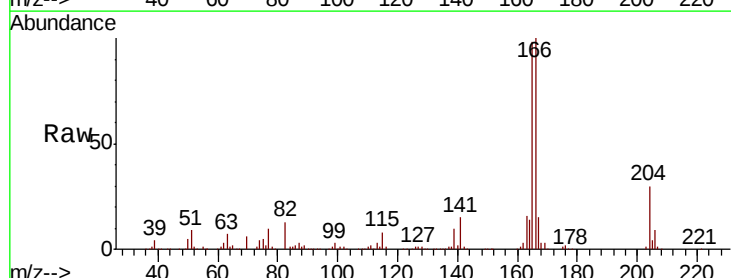
Instrument :
BNA_G
ClientSampleId :
PB118770BS

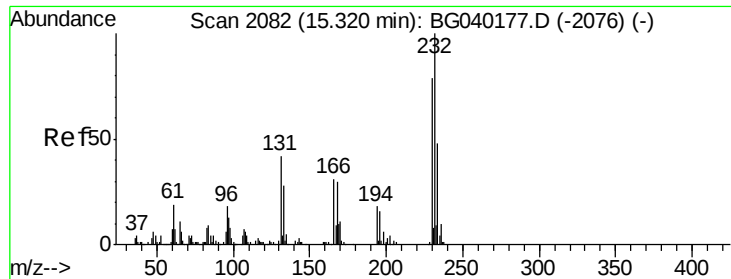
Tot Ion:165 Resp: 138141
Ion Ratio Lower Upper
165 100
63 45.8 33.8 50.6
89 73.5 55.4 83.2
182 3.1 2.2 3.4



#58
Fluorene
Concen: 43.782 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.03 min
Lab File: BG040427.D
Acq: 10 Apr 2019 23:02

Tgt Ion:166 Resp: 398752
Ion Ratio Lower Upper
166 100
165 98.1 81.7 122.5
167 14.8 11.9 17.9

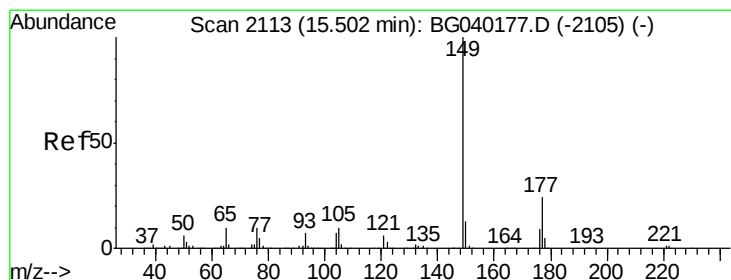
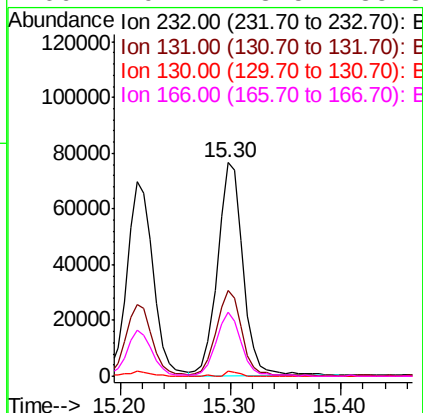
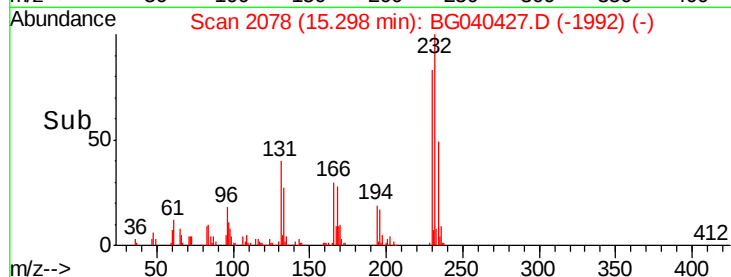
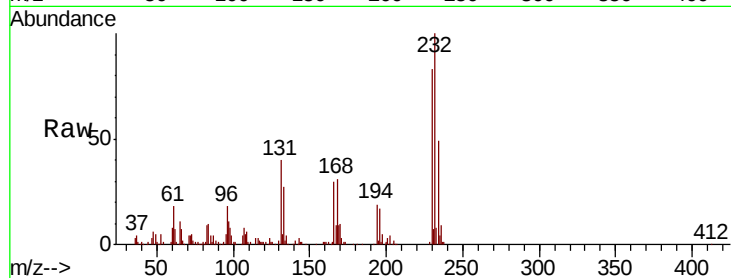




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.379 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.02 min
 Lab File: BG040427.D
 Acq: 10 Apr 2019 23:02

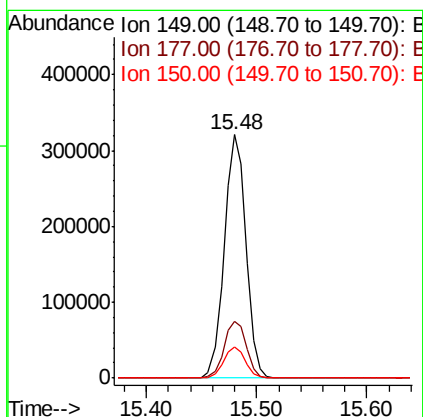
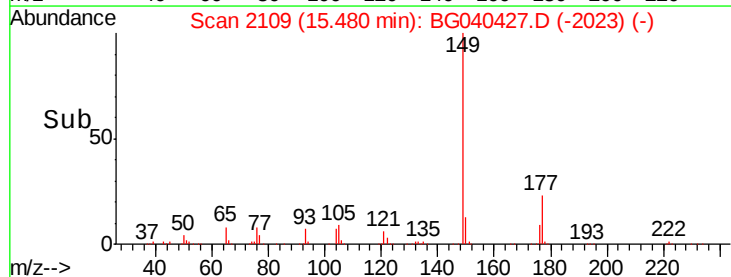
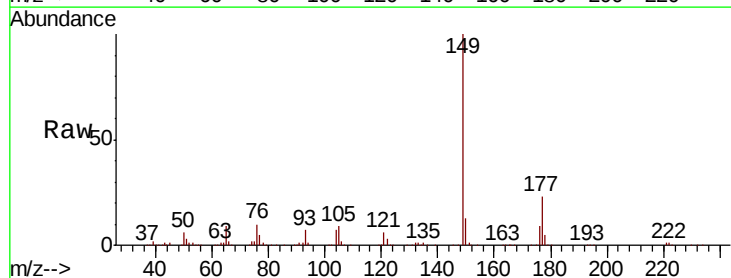
Instrument :
 BNA_G
 ClientSampleId :
 PB118770BS

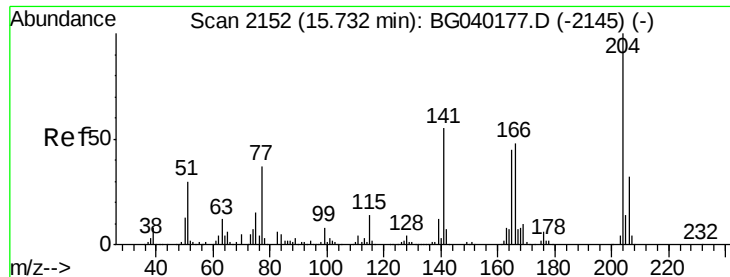
Tot Ion:232	Resp:	122534
Ion Ratio	Lower	Upper
232	100	
131	39.2	32.9 49.3
130	1.3	1.8 2.8#
166	29.7	23.5 35.3



#60
 Diethylphthalate
 Concen: 44.706 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.02 min
 Lab File: BG040427.D
 Acq: 10 Apr 2019 23:02

Tgt Ion:149	Resp:	438352
Ion Ratio	Lower	Upper
149	100	
177	23.3	19.1 28.7
150	12.9	10.6 15.8





#61

4-Chlorophenyl-phenylether

Concen: 44.119 ng

RT: 15.71 min Scan# 2148

Delta R.T. -0.02 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

Instrument :

BNA_G

ClientSampleId :

PB118770BS

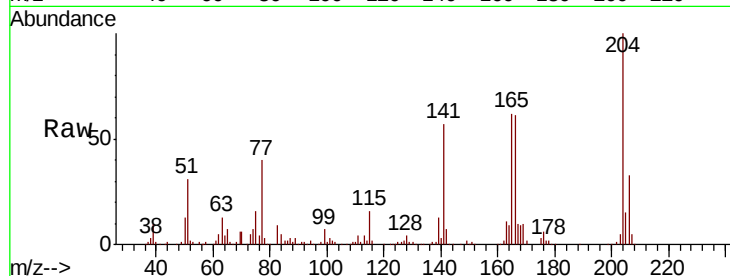
Tot Ion:204 Resp: 214785

Ion Ratio Lower Upper

204 100

206 33.2 25.7 38.5

141 56.7 44.0 66.0

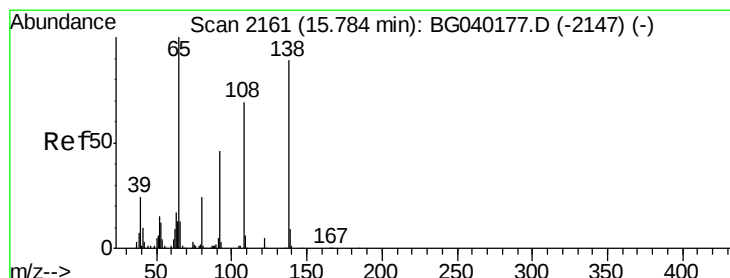
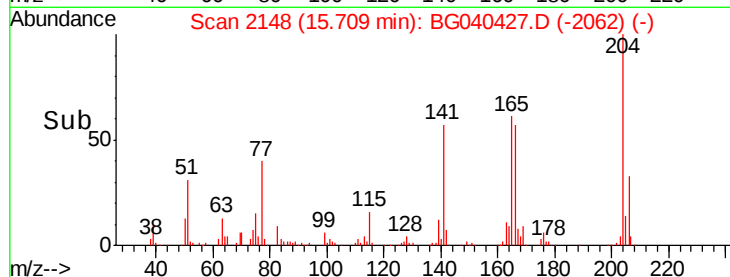
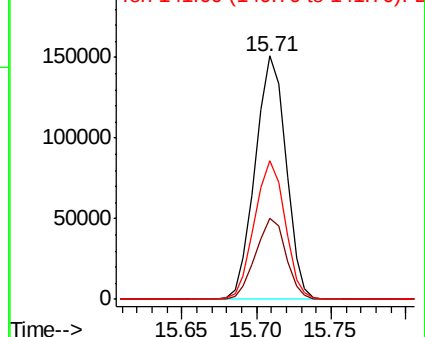


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 46.513 ng

RT: 15.76 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

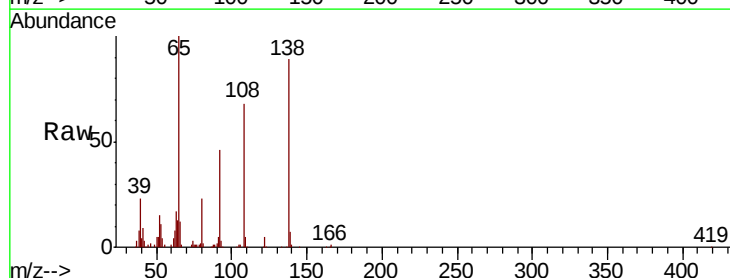
Tgt Ion:138 Resp: 113683

Ion Ratio Lower Upper

138 100

92 51.4 31.8 71.8

108 76.3 57.2 97.2

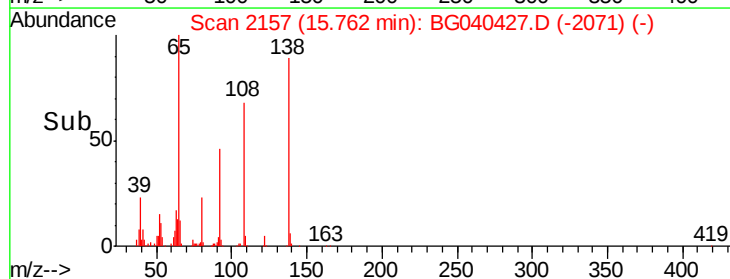
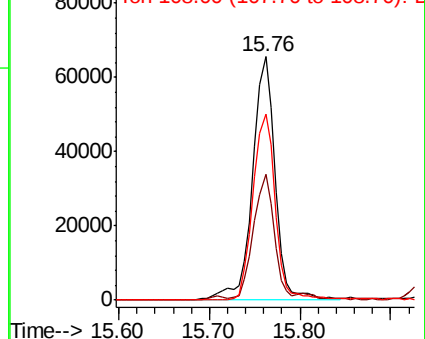


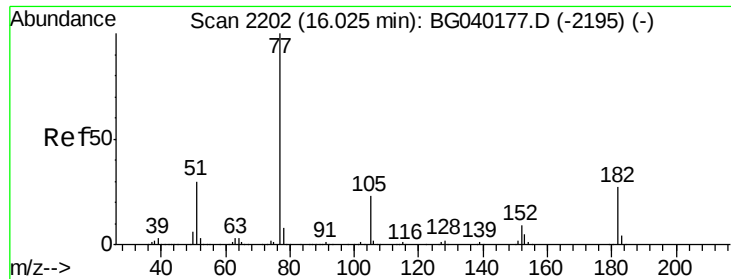
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 43.526 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.02 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

Instrument :

BNA_G

ClientSampleId :

PB118770BS

Tot Ion: 77 Resp: 402565

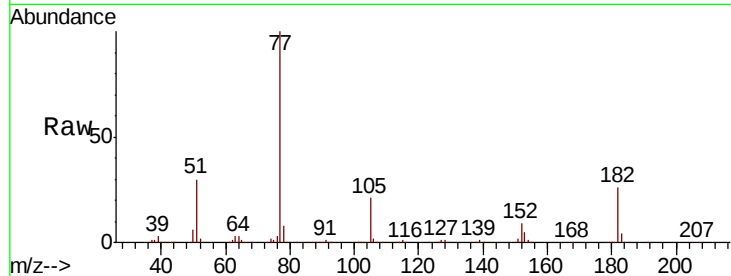
Ion Ratio Lower Upper

77 100

182 26.1 7.2 47.2

105 21.4 2.8 42.8

51 29.6 10.4 50.4

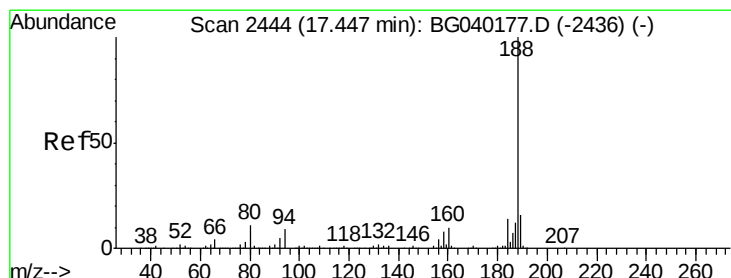
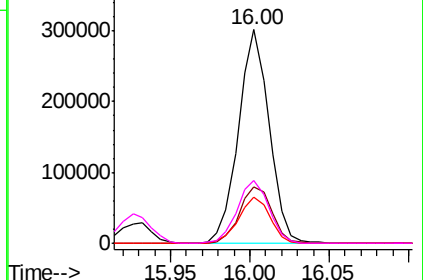
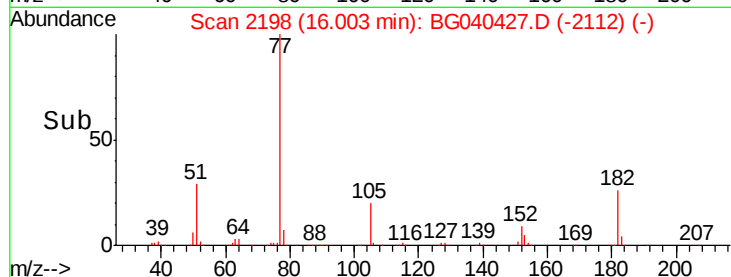


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.42 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

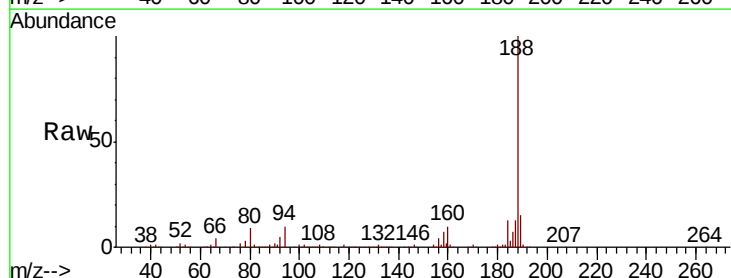
Tgt Ion: 188 Resp: 323266

Ion Ratio Lower Upper

188 100

94 9.7 7.0 10.4

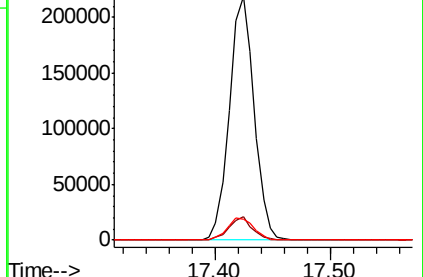
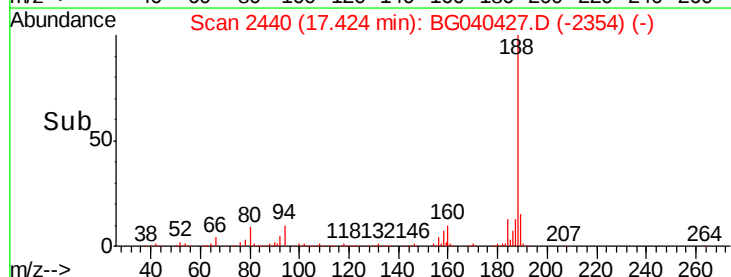
80 8.7 8.6 13.0

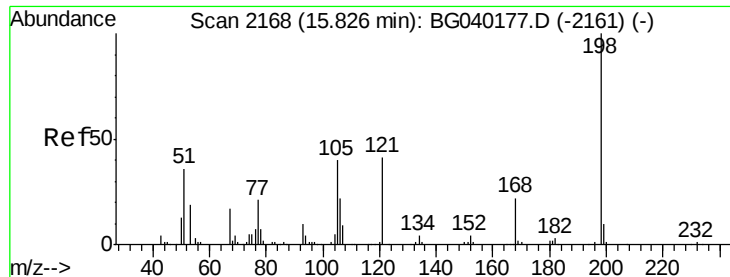


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

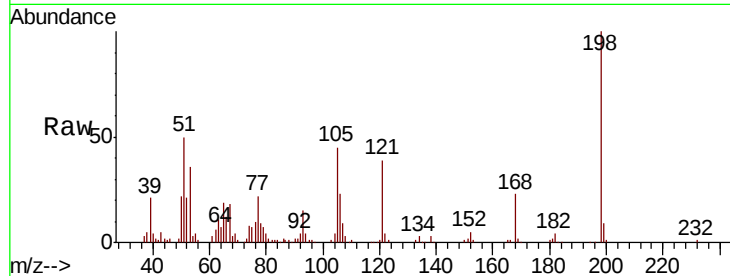




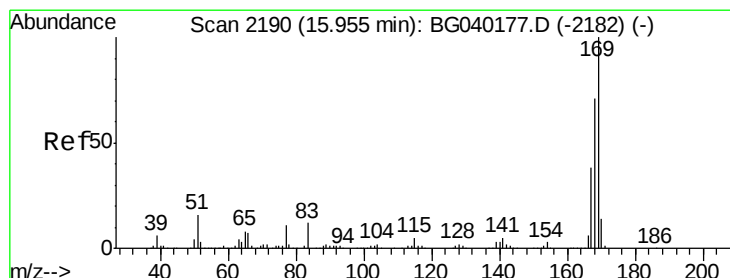
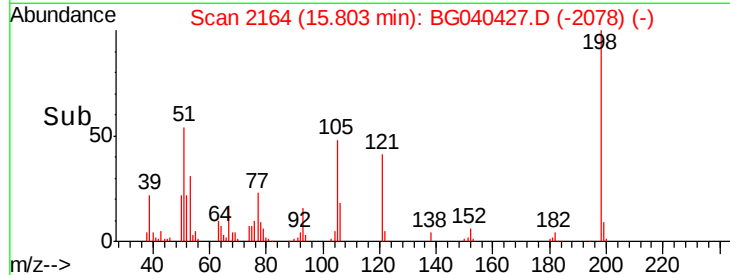
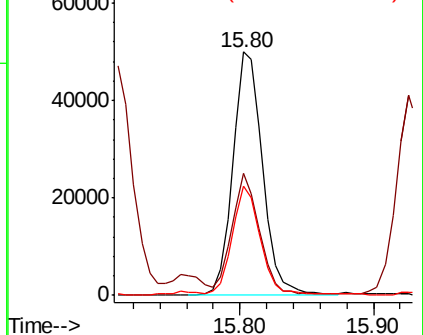
#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.718 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.02 min
 Lab File: BG040427.D
 Acq: 10 Apr 2019 23:02

Instrument :
 BNA_G
 ClientSampleId :
 PB118770BS

Tot Ion:198 Resp: 77583
 Ion Ratio Lower Upper
 198 100
 51 50.2 27.3 67.3
 105 44.9 21.7 61.7

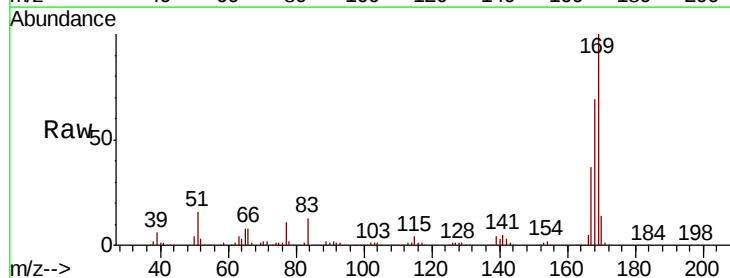


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

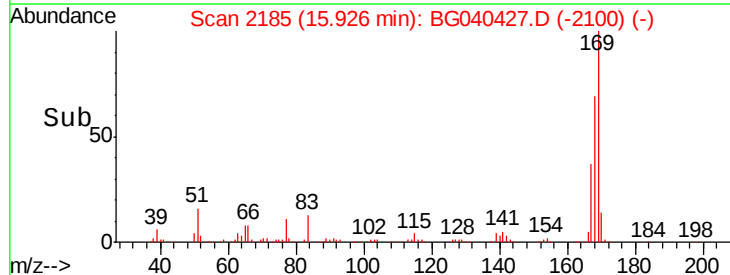
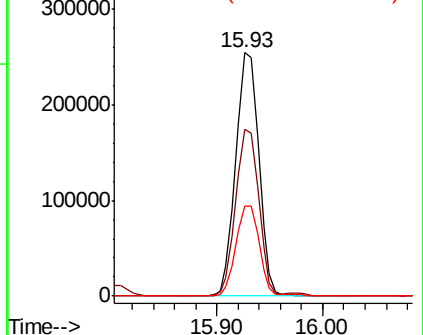


#66
 n-Nitrosodiphenylamine
 Concen: 40.623 ng
 RT: 15.93 min Scan# 2185
 Delta R.T. -0.03 min
 Lab File: BG040427.D
 Acq: 10 Apr 2019 23:02

Tgt Ion:169 Resp: 384281
 Ion Ratio Lower Upper
 169 100
 168 68.8 56.8 85.2
 167 37.0 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

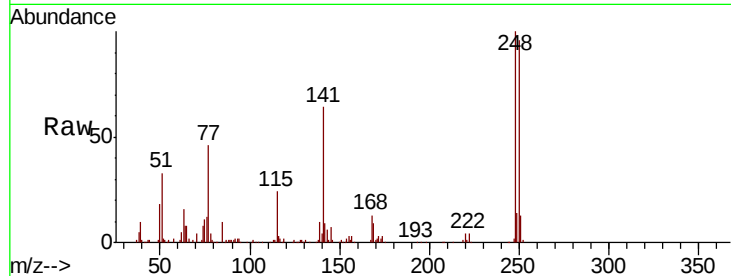




#67
 4-Bromophenyl-phenylether
 Concen: 39.480 ng
 RT: 16.61 min Scan# 2301
 Delta R.T. -0.02 min
 Lab File: BG040427.D
 Acq: 10 Apr 2019 23:02

Instrument :
 BNA_G
 ClientSampleId :
 PB118770BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.9	76.4	114.6
141	64.3	53.8	80.8

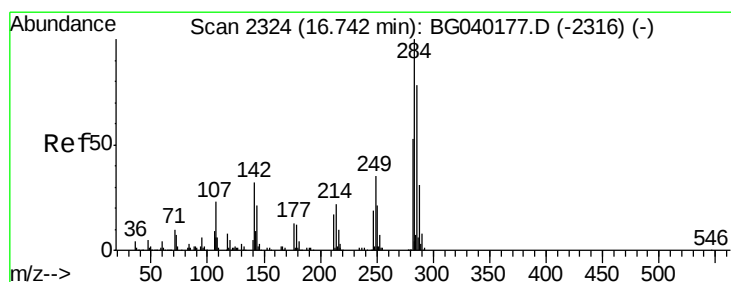
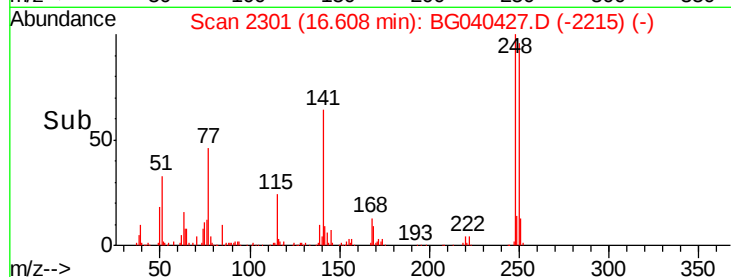
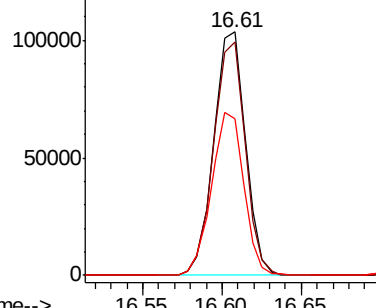


Abundance

Ion 248.00 (247.70 to 248.70): E

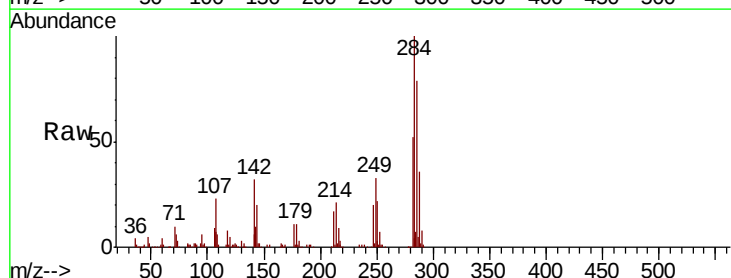
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 40.190 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: BG040427.D
 Acq: 10 Apr 2019 23:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.3	25.3	37.9
249	33.5	28.2	42.2

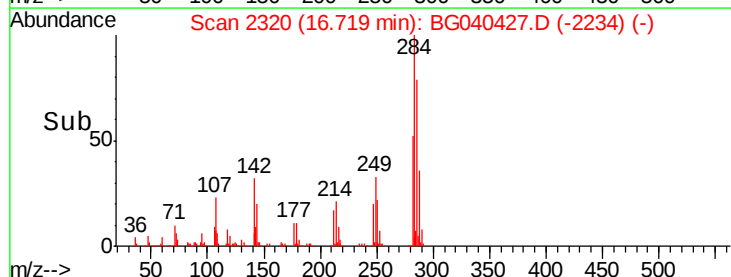
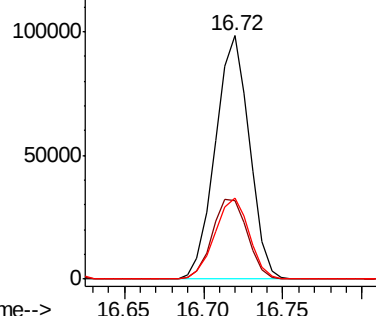


Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 41.426 ng

RT: 16.87 min Scan# 2346

Delta R.T. -0.02 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

Instrument :

BNA_G

ClientSampleId :

PB118770BS

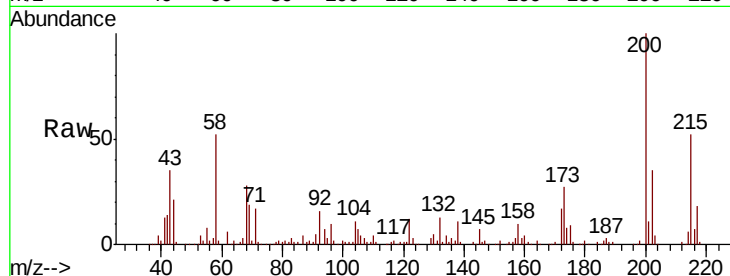
Tot Ion:200 Resp: 145773

Ion Ratio Lower Upper

200 100

173 27.5 7.1 47.1

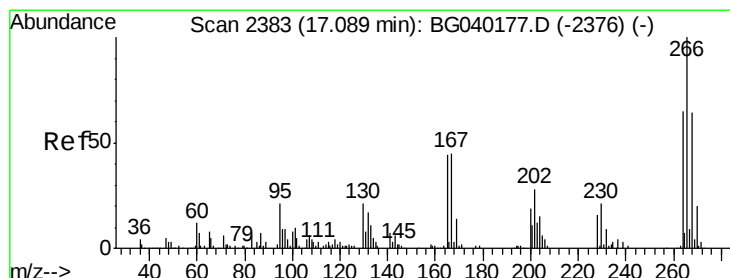
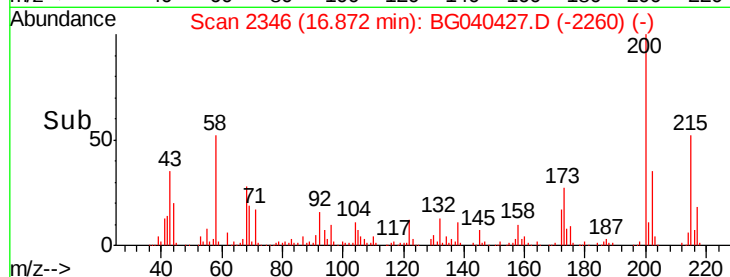
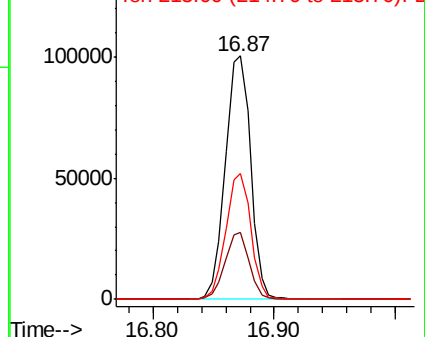
215 51.7 30.9 70.9



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: 80.227 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.02 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

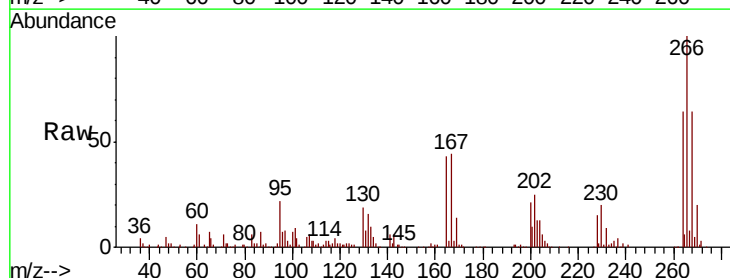
Tgt Ion:266 Resp: 169654

Ion Ratio Lower Upper

266 100

268 63.6 55.0 82.4

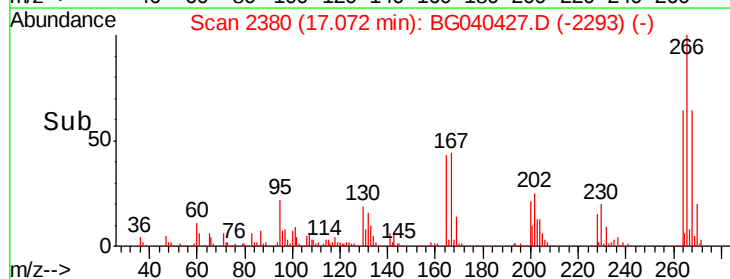
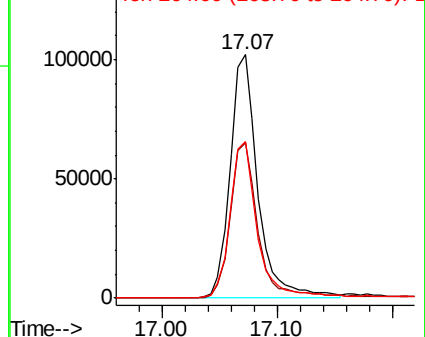
264 64.1 51.8 77.8

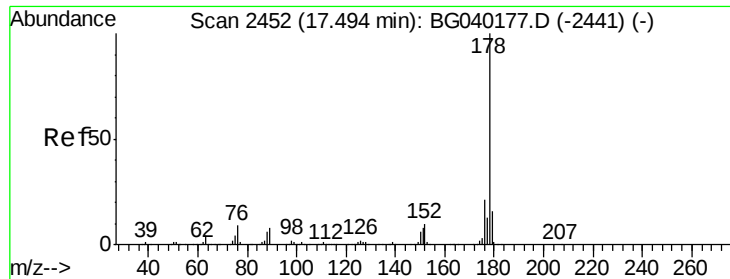


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

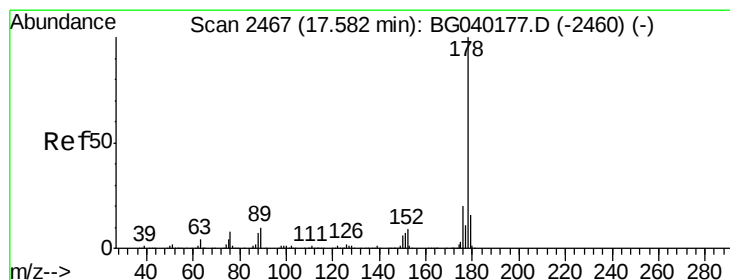
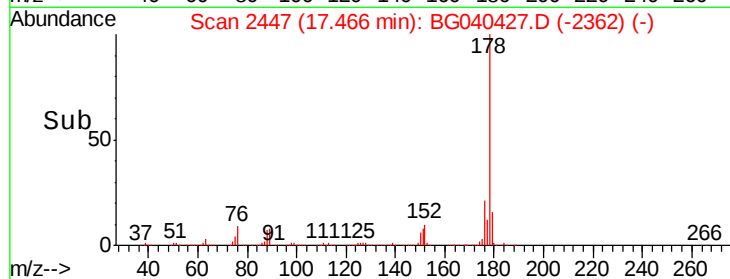
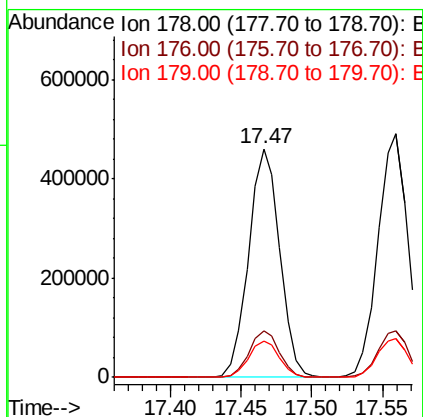
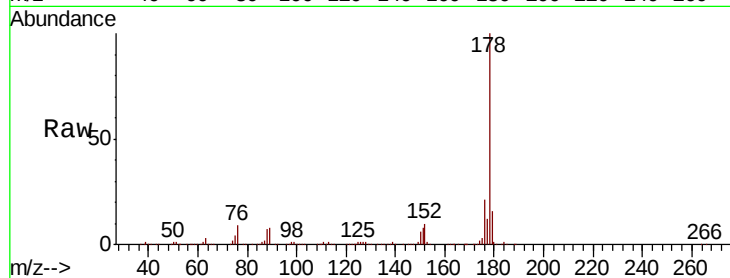




#71
Phenanthrene
Concen: 41.845 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.03 min
Lab File: BG040427.D
Acq: 10 Apr 2019 23:02

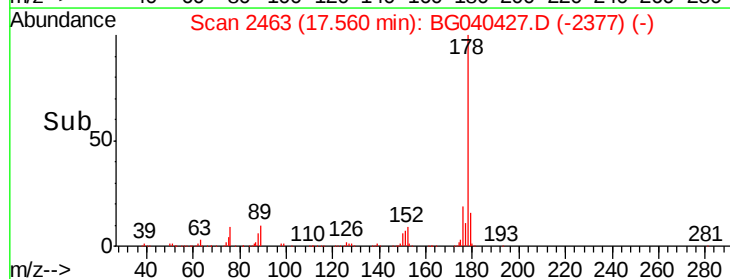
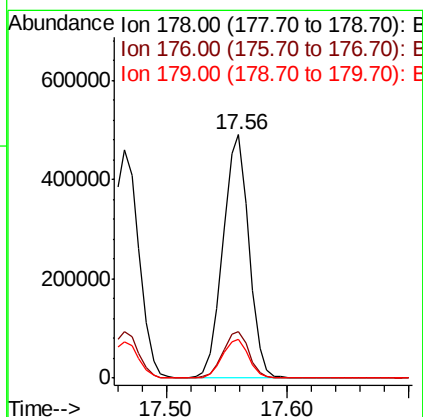
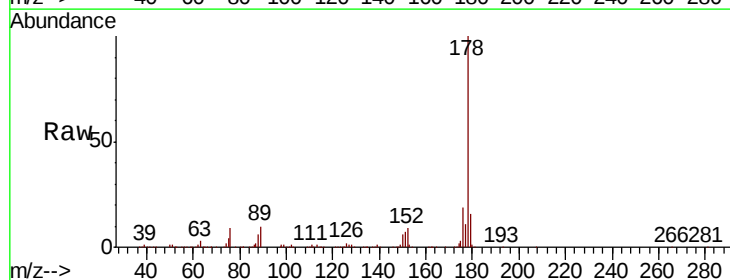
Instrument :
BNA_G
ClientSampleId :
PB118770BS

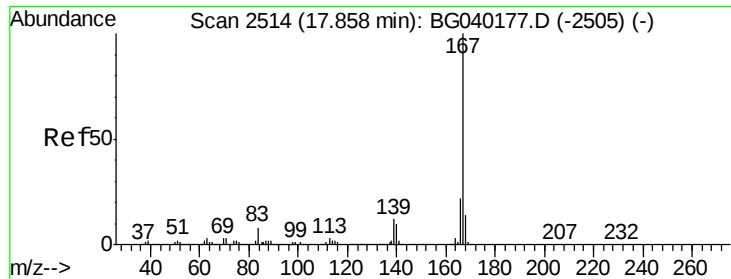
Tot Ion:178 Resp: 711010
Ion Ratio Lower Upper
178 100
176 20.6 16.7 25.1
179 15.8 12.8 19.2



#72
Anthracene
Concen: 42.688 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040427.D
Acq: 10 Apr 2019 23:02

Tgt Ion:178 Resp: 725996
Ion Ratio Lower Upper
178 100
176 19.1 15.9 23.9
179 16.0 12.9 19.3

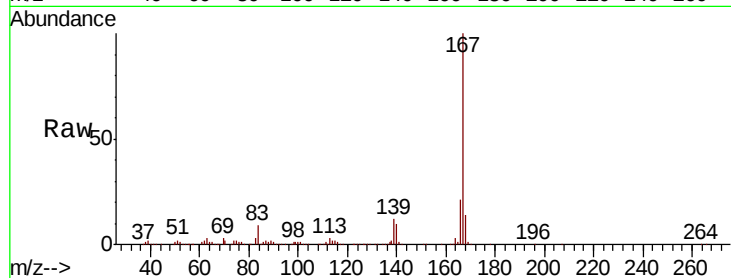




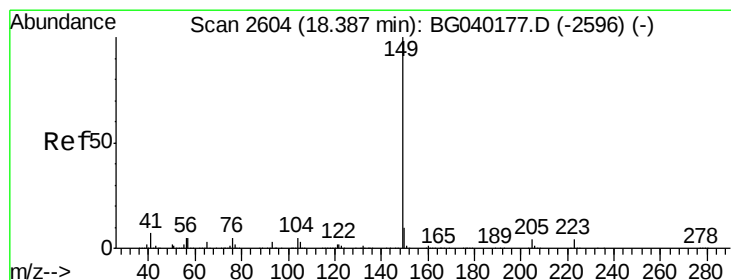
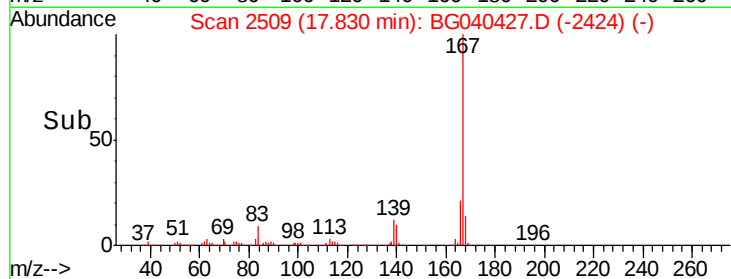
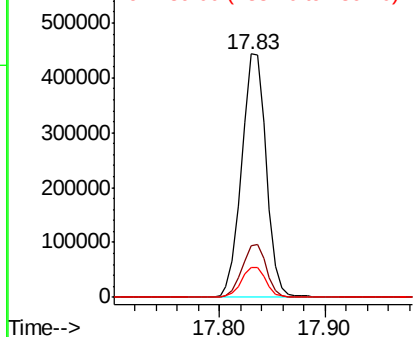
#73
 Carbazole
 Concen: 44.458 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.03 min
 Lab File: BG040427.D
 Acq: 10 Apr 2019 23:02

Instrument :
 BNA_G
 ClientSampleId :
 PB118770BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.5	26.3
139	12.1	10.0	15.0

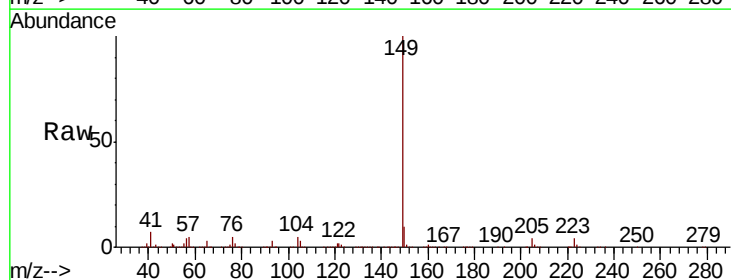


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

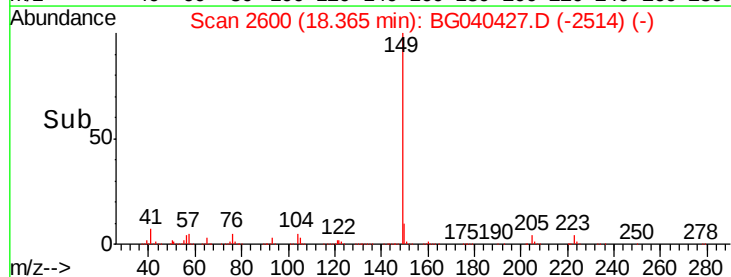
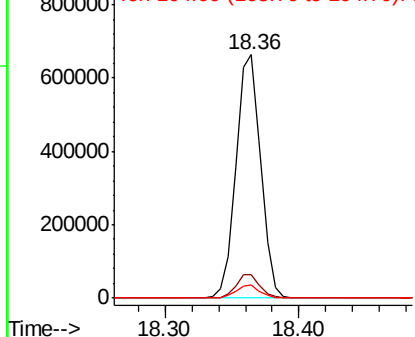


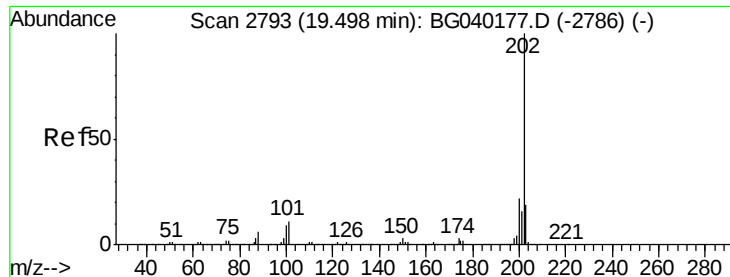
#74
 Di-n-butylphthalate
 Concen: 44.598 ng
 RT: 18.36 min Scan# 2600
 Delta R.T. -0.02 min
 Lab File: BG040427.D
 Acq: 10 Apr 2019 23:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.9	11.9
104	5.3	4.1	6.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.117 ng

RT: 19.48 min Scan# 2789

Delta R.T. -0.02 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

Instrument :

BNA_G

ClientSampleId :

PB118770BS

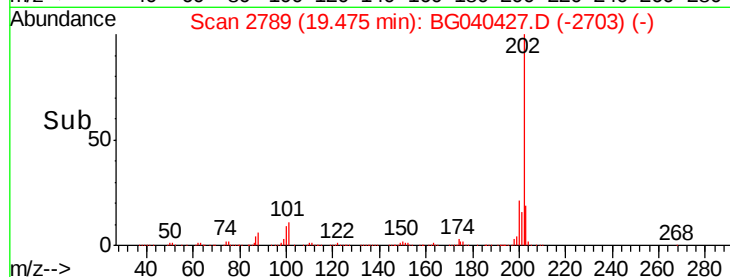
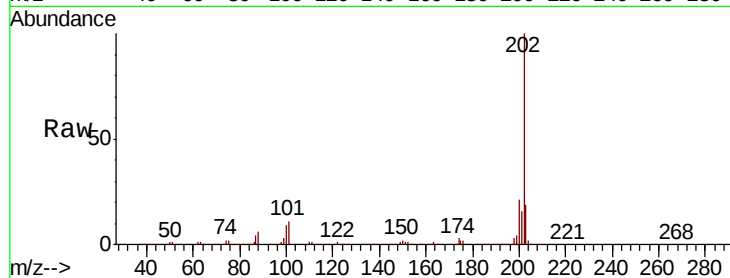
Tot Ion:202 Resp: 927882

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.8

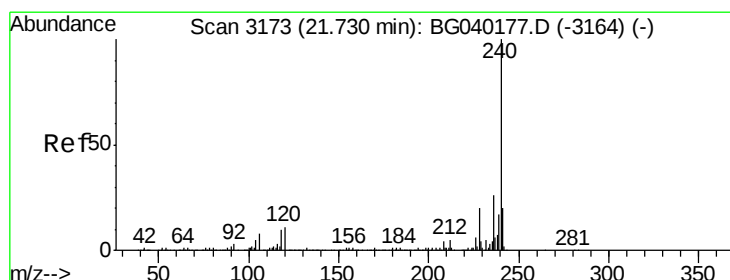
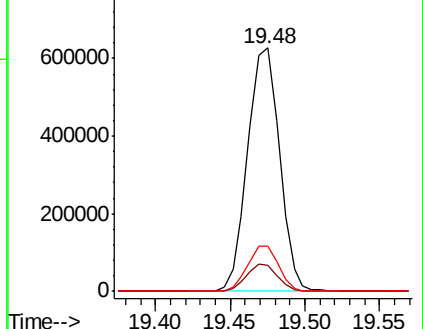
203 18.6 0.0 38.9



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: 21.70 min Scan# 3167

Delta R.T. -0.03 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

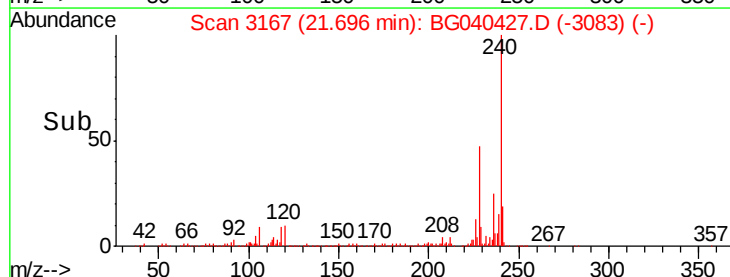
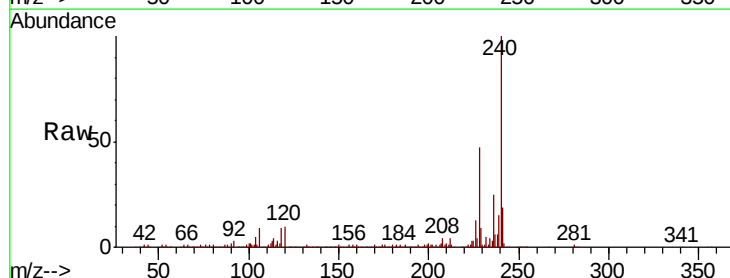
Tgt Ion:240 Resp: 358483

Ion Ratio Lower Upper

240 100

120 9.6 8.4 12.6

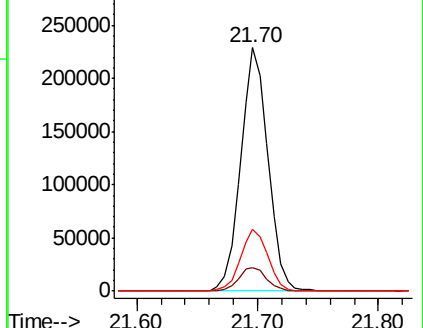
236 25.2 20.8 31.2

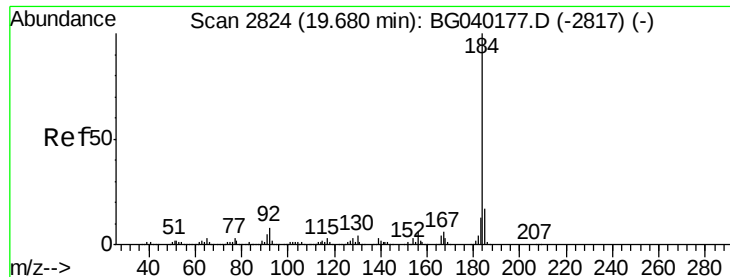


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 27.755 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

Instrument :

BNA_G

ClientSampleId :

PB118770BS

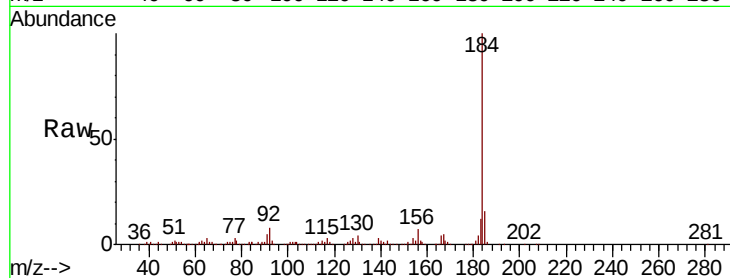
Tot Ion:184 Resp: 359293

Ion Ratio Lower Upper

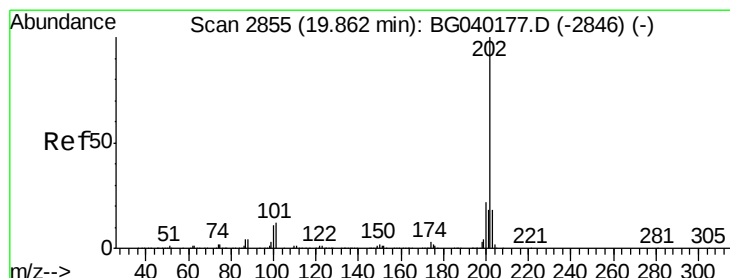
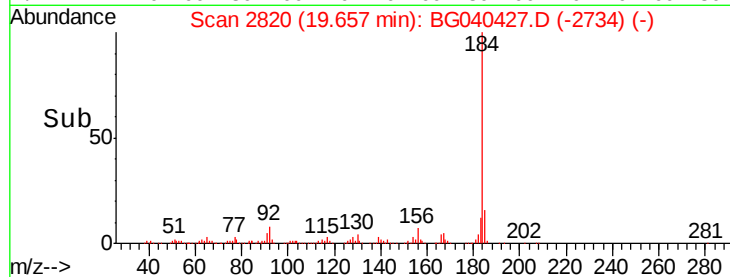
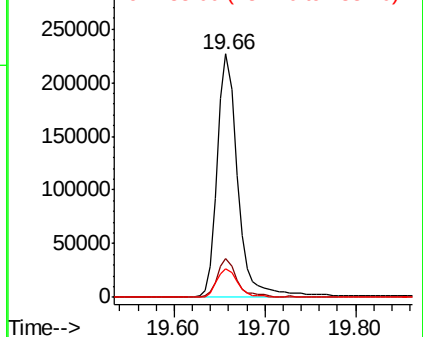
184 100

185 15.8 13.3 19.9

183 11.8 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: 39.475 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.03 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

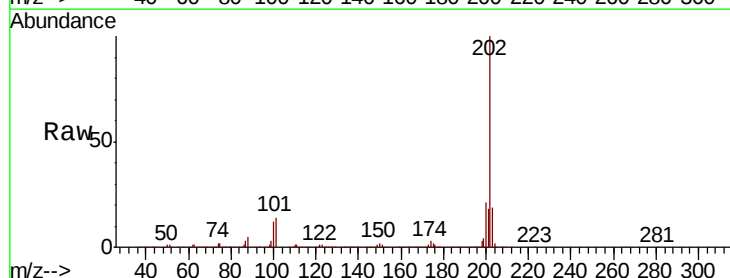
Tgt Ion:202 Resp: 930597

Ion Ratio Lower Upper

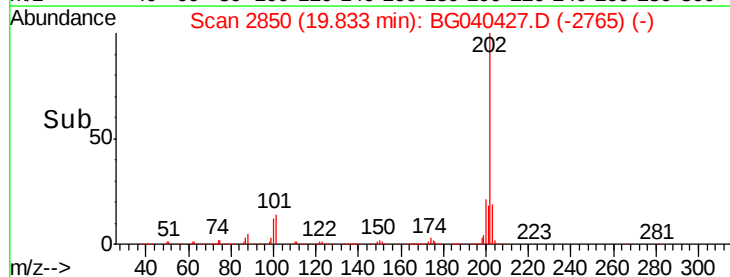
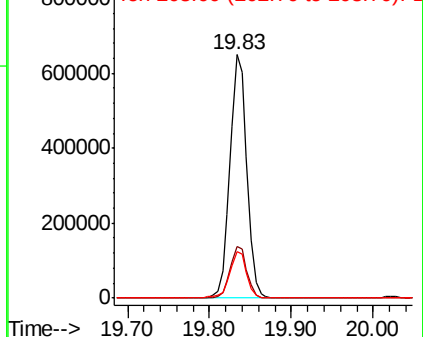
202 100

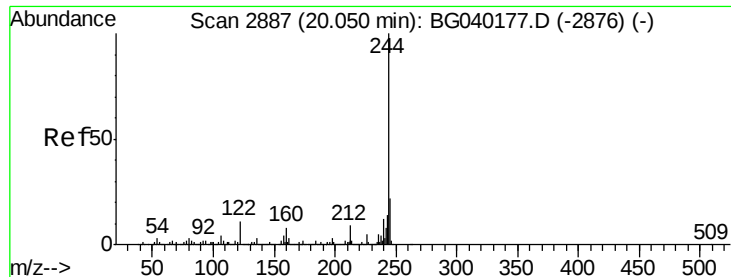
200 21.0 17.3 25.9

203 18.8 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: 73.717 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

Instrument :

BNA_G

ClientSampled :

PB118770BS

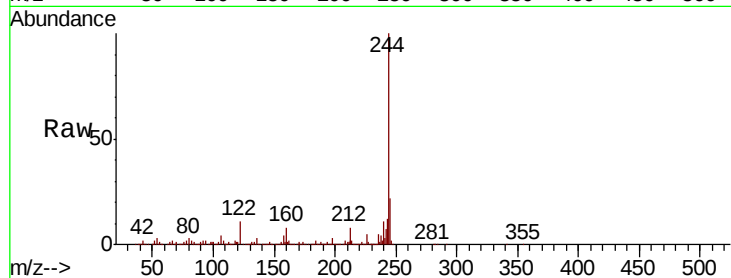
Tot Ion:244 Resp: 1174685

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.6

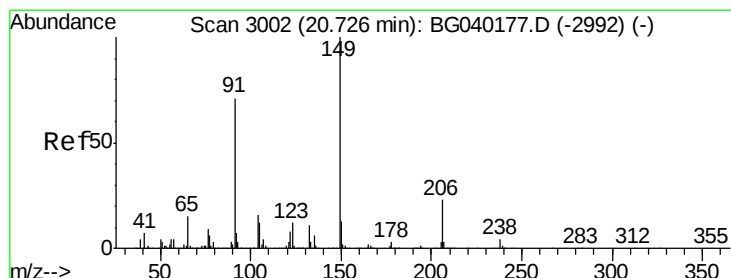
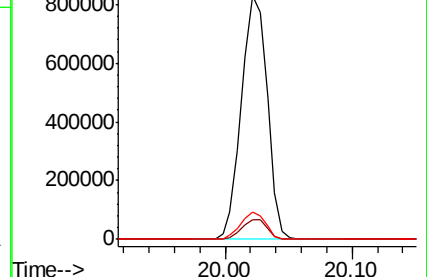
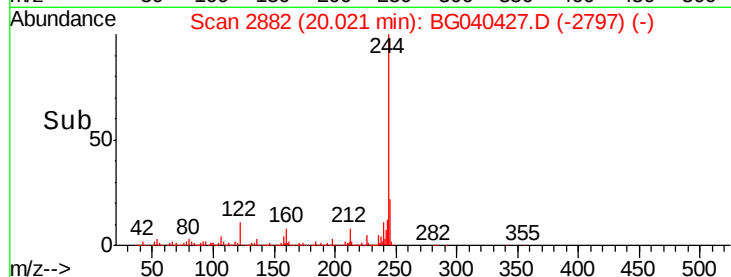
122 11.1 8.5 12.7



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: 42.796 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.02 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

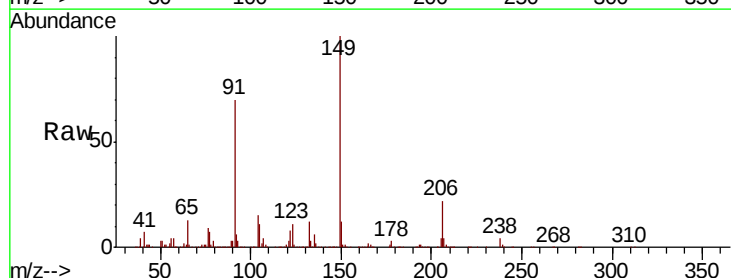
Tgt Ion:149 Resp: 431719

Ion Ratio Lower Upper

149 100

91 69.6 57.0 85.4

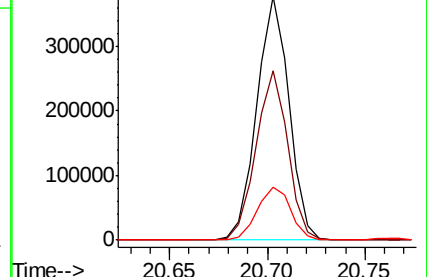
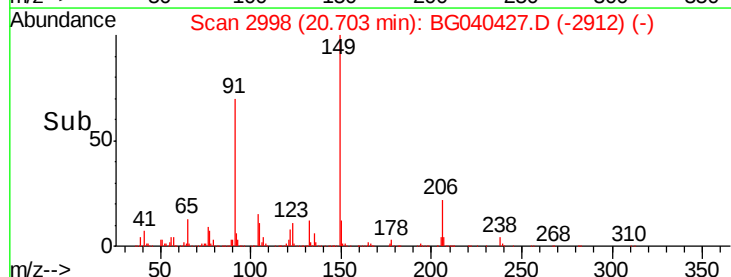
206 21.8 18.2 27.4

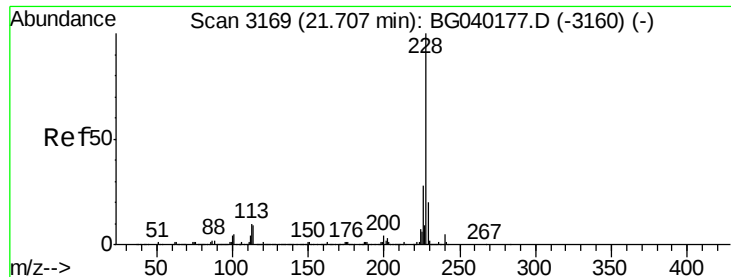


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.215 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.03 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

Instrument :

BNA_G

ClientSampleId :

PB118770BS

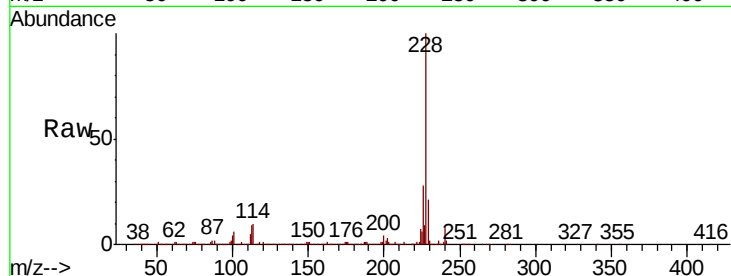
Tot Ion:228 Resp: 887973

Ion Ratio Lower Upper

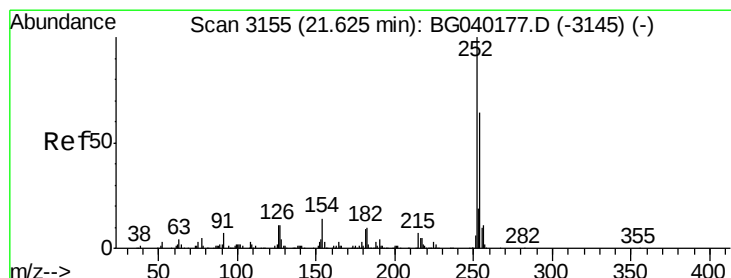
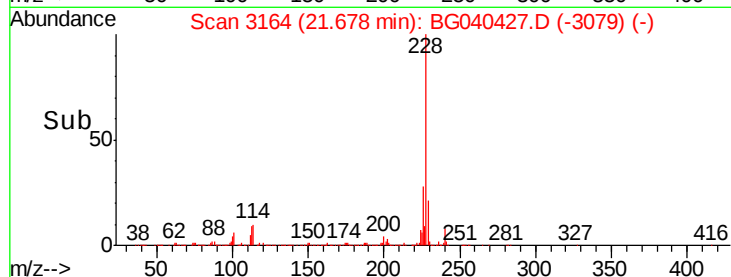
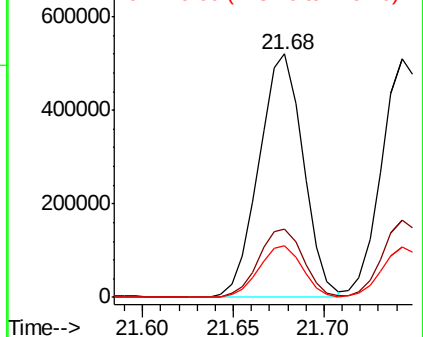
228 100

226 28.2 22.6 34.0

229 21.1 16.1 24.1



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



#82

3,3'-Dichlorobenzidine

Concen: 29.237 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.03 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

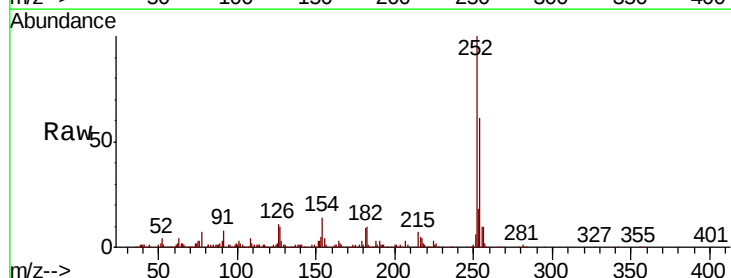
Tgt Ion:252 Resp: 245578

Ion Ratio Lower Upper

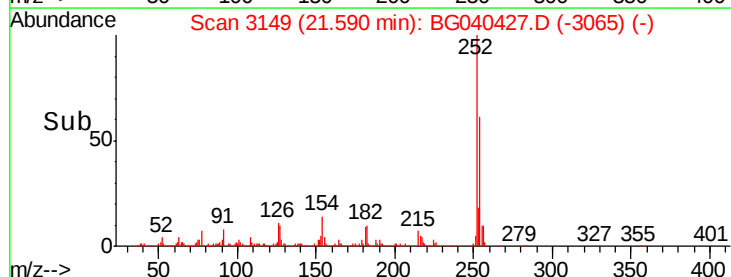
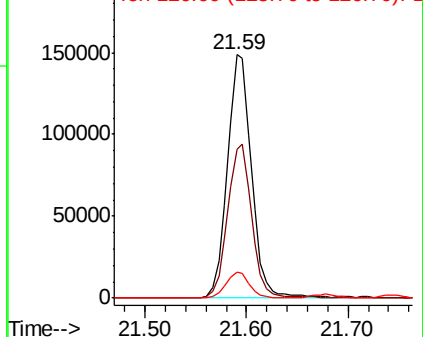
252 100

254 61.0 51.4 77.2

126 10.5 8.5 12.7



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





#83

Chrysene

Concen: 41.255 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.03 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

Instrument :

BNA_G

ClientSampleId :

PB118770BS

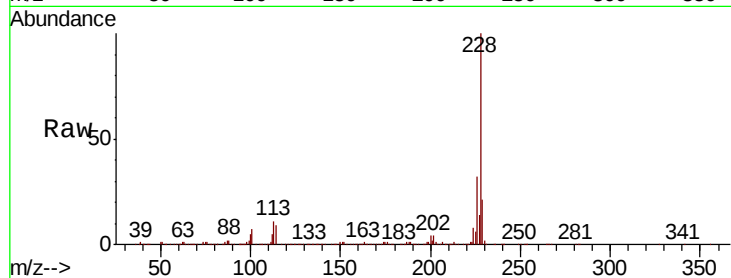
Tot Ion:228 Resp: 875461

Ion Ratio Lower Upper

228 100

226 32.3 25.4 38.0

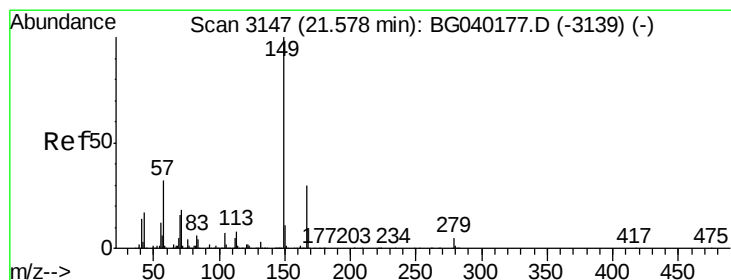
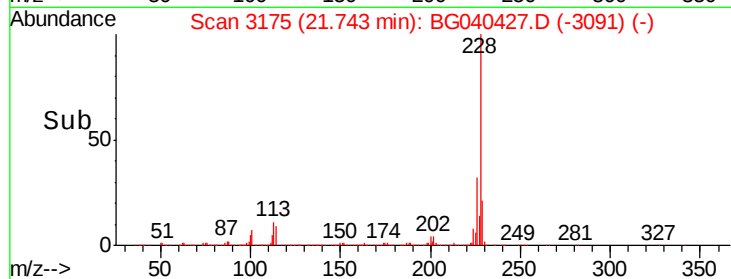
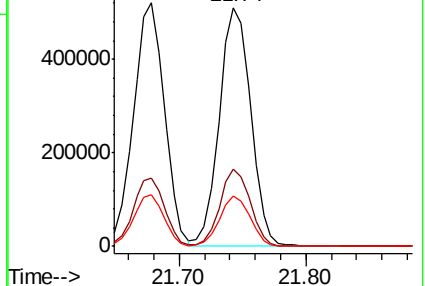
229 20.8 17.0 25.4



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: 42.976 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.03 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

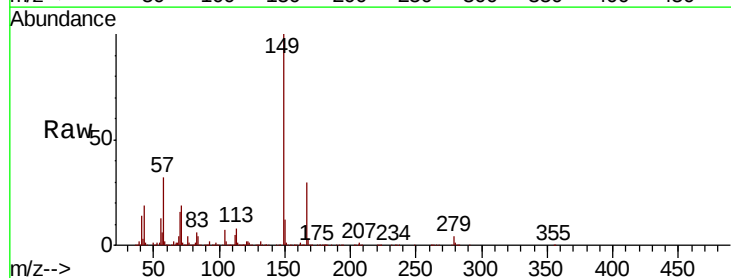
Tgt Ion:149 Resp: 619713

Ion Ratio Lower Upper

149 100

167 29.9 24.1 36.1

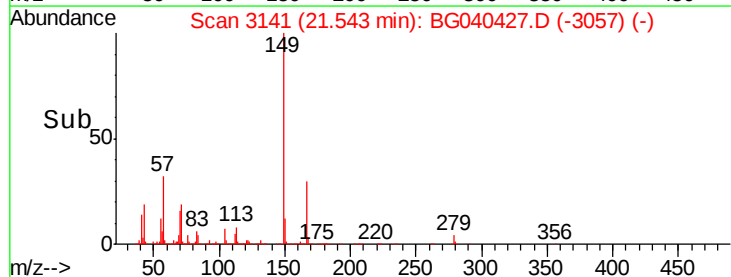
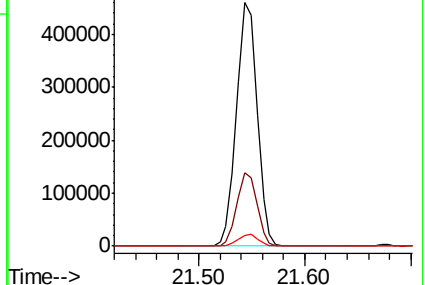
279 4.3 4.1 6.1

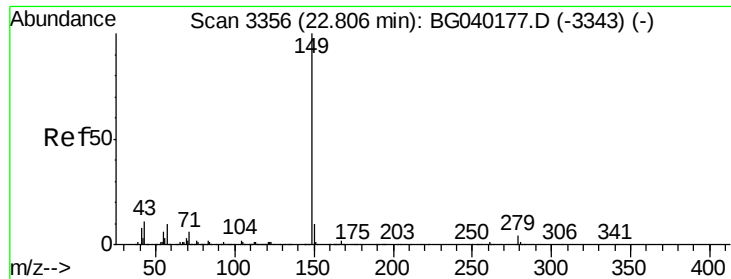


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.703 ng

RT: 22.77 min Scan# 3349

Delta R.T. -0.04 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

Instrument :

BNA_G

ClientSampleId :

PB118770BS

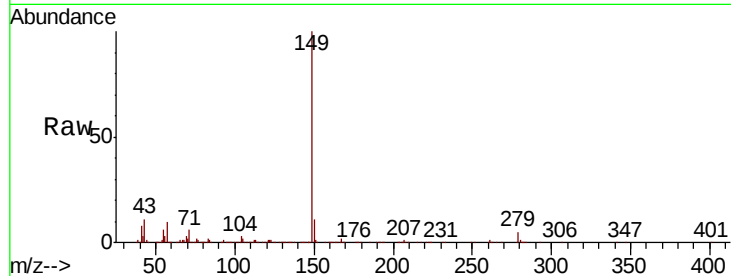
Tot Ion:149 Resp: 1073719

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

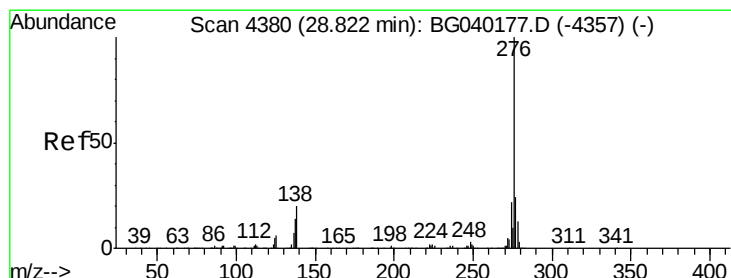
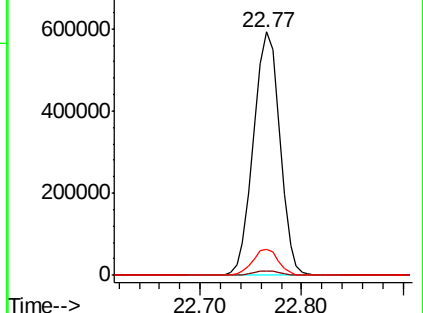
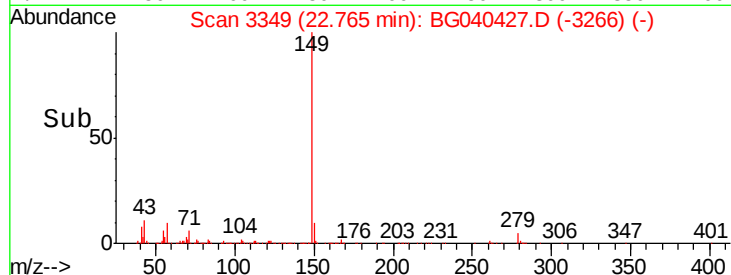
43 10.8 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.012 ng

RT: 28.73 min Scan# 4365

Delta R.T. -0.09 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

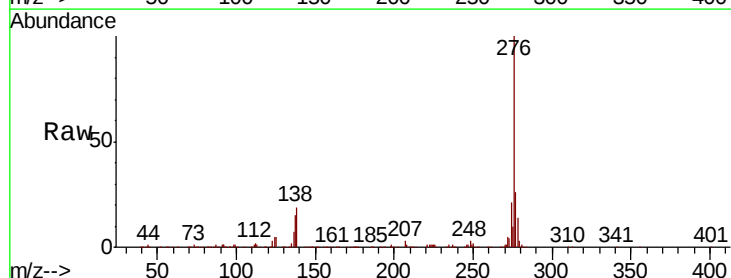
Tgt Ion:276 Resp: 1090385

Ion Ratio Lower Upper

276 100

138 13.4 18.8 28.2#

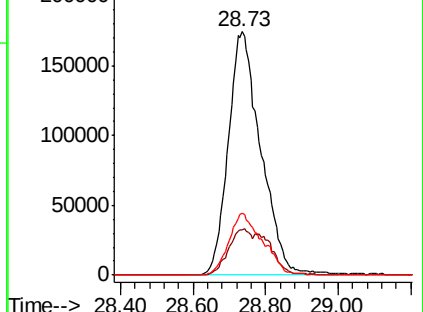
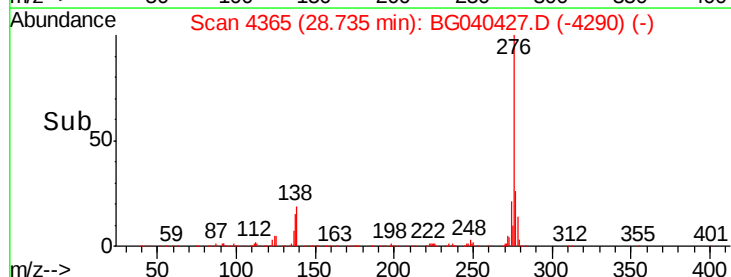
277 26.2 21.0 31.4

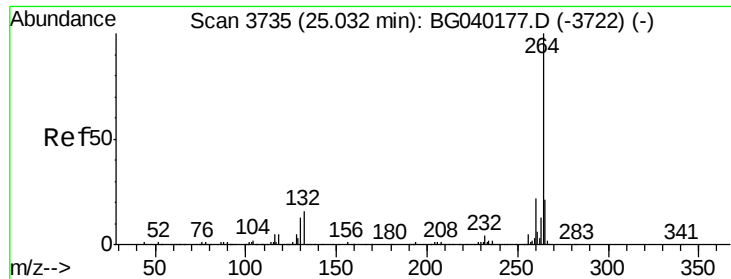


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3725

Delta R.T. -0.06 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

Instrument :

BNA_G

ClientSampleId :

PB118770BS

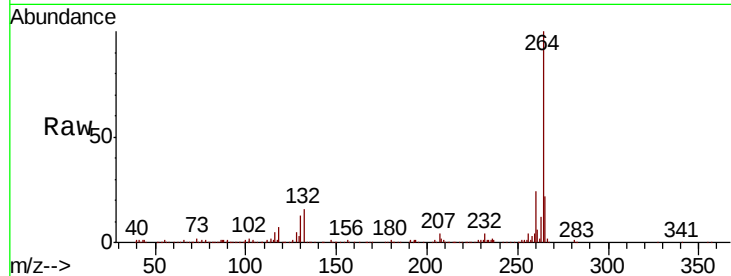
Tot Ion:264 Resp: 360424

Ion Ratio Lower Upper

264 100

260 23.7 17.9 26.9

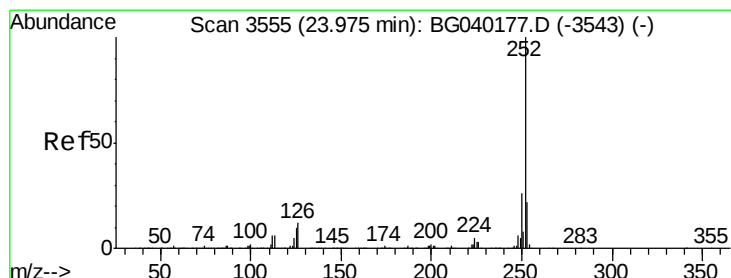
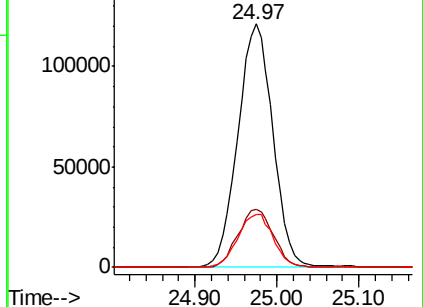
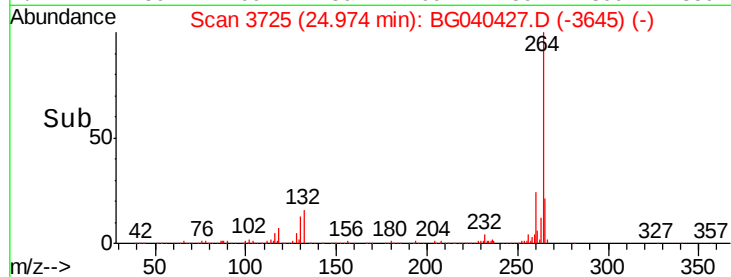
265 21.6 16.8 25.2



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: 44.412 ng

RT: 23.93 min Scan# 3547

Delta R.T. -0.05 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

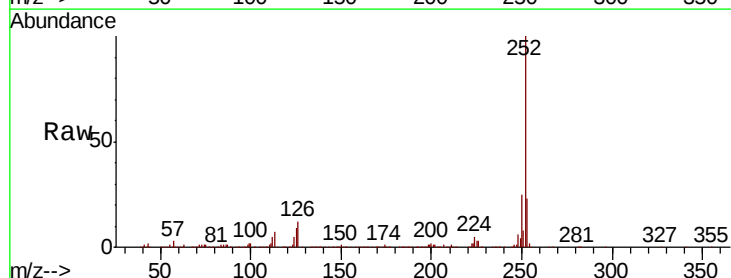
Tgt Ion:252 Resp: 980028

Ion Ratio Lower Upper

252 100

253 22.9 17.6 26.4

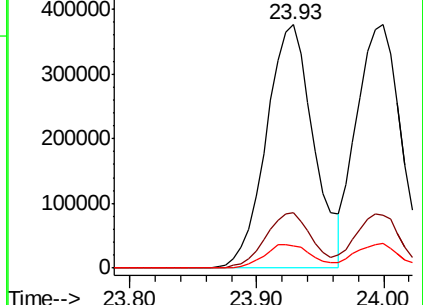
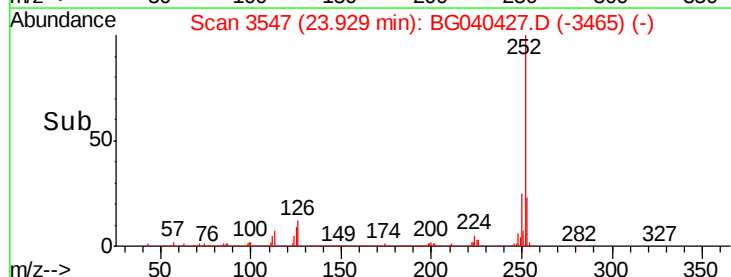
125 9.2 8.2 12.4

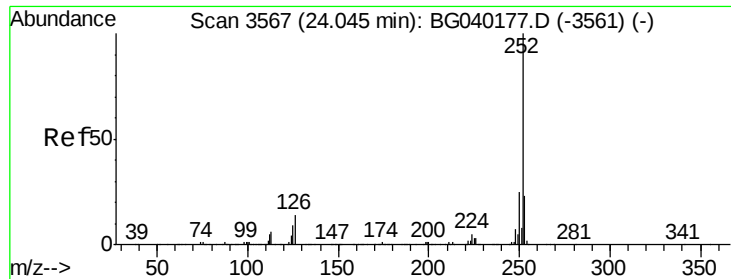


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 44.722 ng

RT: 24.00 min Scan# 3559

Delta R.T. -0.05 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

Instrument :

BNA_G

ClientSampleId :

PB118770BS

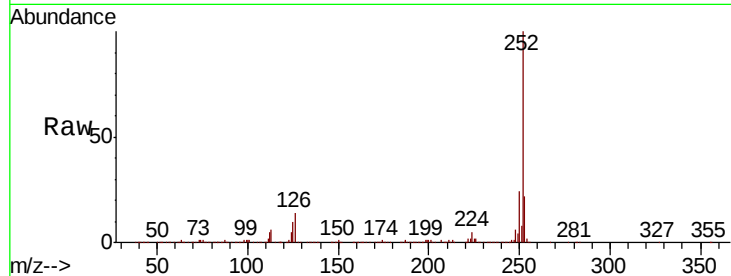
Tot Ion:252 Resp: 907526

Ion Ratio Lower Upper

252 100

253 21.9 18.6 28.0

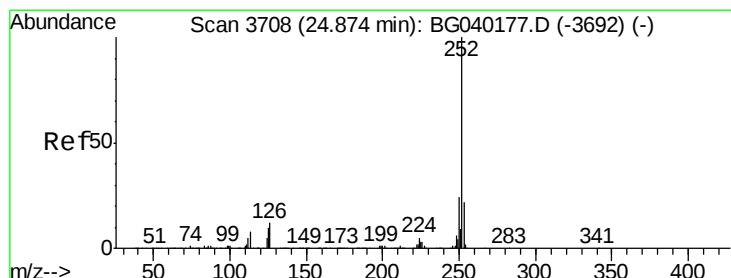
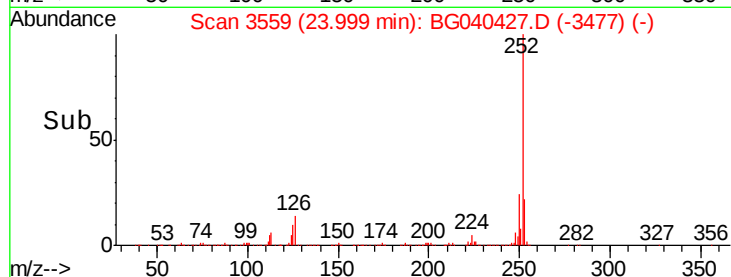
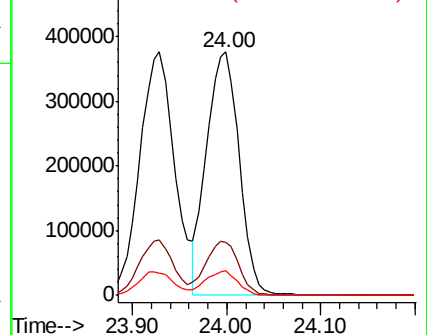
125 10.1 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 45.269 ng

RT: 24.82 min Scan# 3699

Delta R.T. -0.05 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

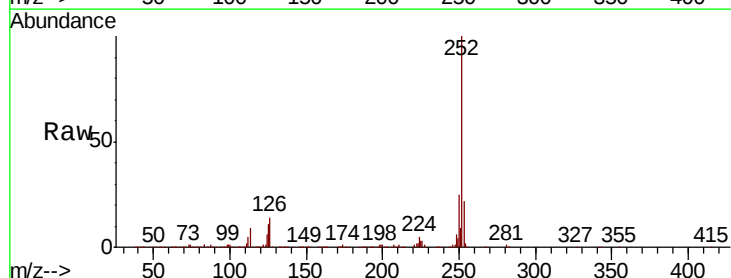
Tgt Ion:252 Resp: 937247

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

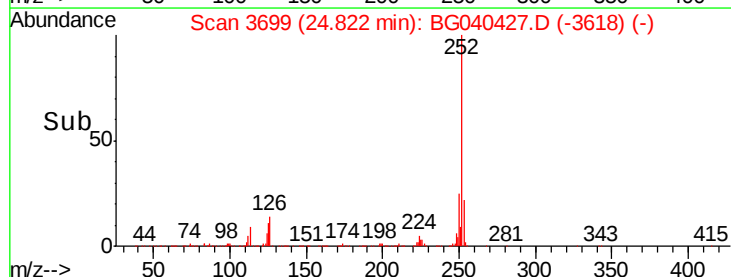
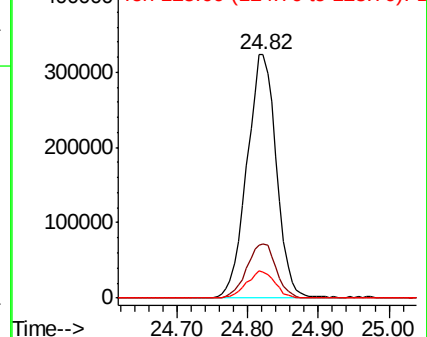
125 10.9 8.3 12.5

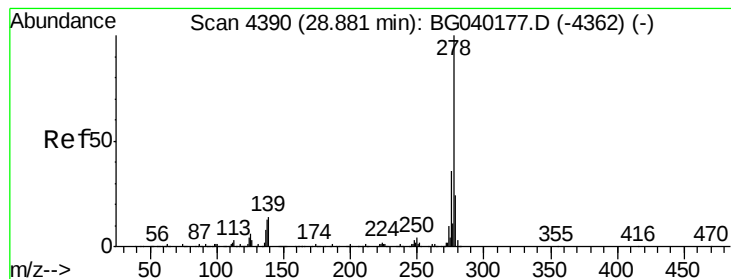


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.863 ng

RT: 28.81 min Scan# 4377

Delta R.T. -0.08 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

Instrument :

BNA_G

ClientSampleId :

PB118770BS

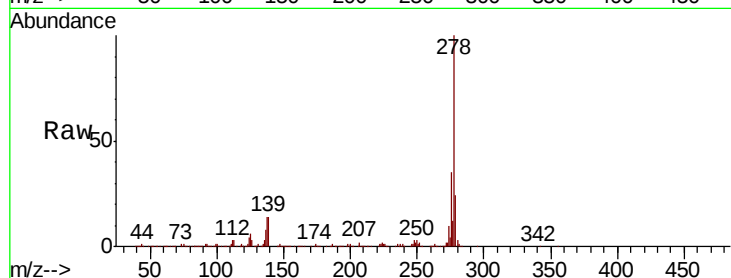
Tot Ion:278 Resp: 881905

Ion Ratio Lower Upper

278 100

139 14.0 11.2 16.8

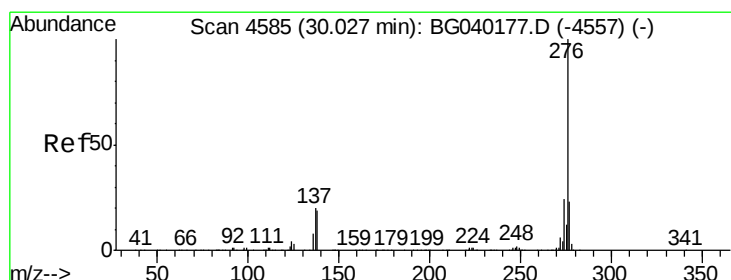
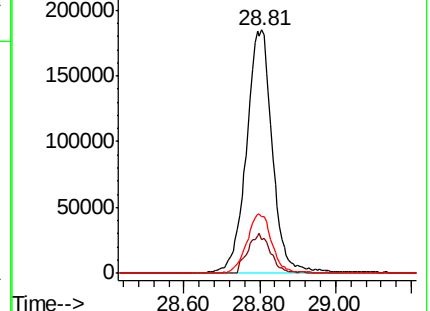
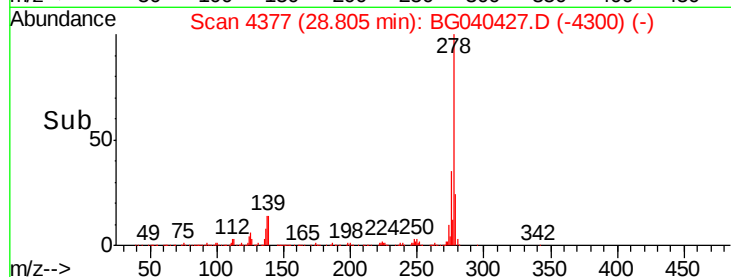
279 23.5 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.514 ng

RT: 29.93 min Scan# 4568

Delta R.T. -0.10 min

Lab File: BG040427.D

Acq: 10 Apr 2019 23:02

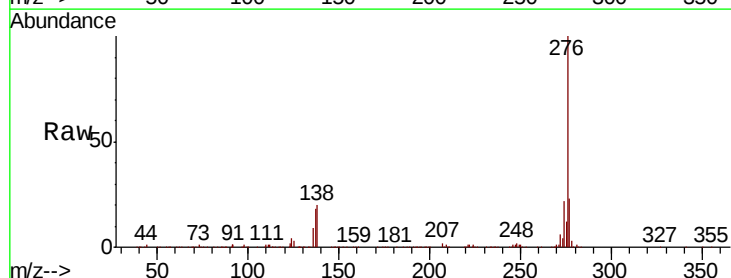
Tgt Ion:276 Resp: 899450

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 19.6 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

