

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060719\
 Data File : BG041116.D
 Acq On : 8 Jun 2019 2:51
 Operator : HP/JU
 Sample : PB120423BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120423BS

Quant Time: Jun 08 07:04:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	165026	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	697933	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	547667	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	1292329	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	1333234	20.00	ng	-0.02
87) Perylene-d12	25.10	264	1532500	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	1180070	128.94	ng	0.00
7) Phenol-d6	7.27	99	1649669	116.72	ng	0.00
23) Nitrobenzene-d5	9.30	82	1170389	74.45	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	989424	121.69	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	2576547	67.75	ng	-0.01
79) Terphenyl-d14	20.09	244	3629242	57.77	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.50	88	35896	8.644	ng	97
3) Pyridine	3.91	79	99294	8.080	ng	98
4) n-Nitrosodimethylamine	3.83	42	53913	9.453	ng	89
6) Aniline	7.44	93	130269	6.905	ng	95
8) 2-Chlorophenol	7.67	128	106047	9.720	ng	95
9) Benzaldehyde	7.25	77	38292	4.542	ng	90
10) Phenol	7.29	94	142225	9.385	ng	96
11) bis(2-Chloroethyl)ether	7.53	93	99436	9.045	ng	99
12) 1,3-Dichlorobenzene	7.99	146	114699	8.802	ng	98
13) 1,4-Dichlorobenzene	8.14	146	116157	8.806	ng	93
14) 1,2-Dichlorobenzene	8.46	146	109498	8.550	ng	99
15) Benzyl Alcohol	8.35	79	122749	9.388	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.62	45	158277	8.811	ng	97
17) 2-Methylphenol	8.54	107	105102	9.579	ng	98
18) Hexachloroethane	9.19	117	45287	8.908	ng	99
19) n-Nitroso-di-n-propylamine	8.92	70	98923	9.095	ng	99
20) 3+4-Methylphenols	8.88	107	142919	9.403	ng	96
22) Acetophenone	8.94	105	190279	9.719	ng	97
24) Nitrobenzene	9.33	77	155843	9.727	ng	97
25) Isophorone	9.84	82	287217	9.600	ng	99
26) 2-Nitrophenol	10.04	139	66502	10.069	ng	95
27) 2,4-Dimethylphenol	10.08	122	118141	10.830	ng	93
28) bis(2-Chloroethoxy)methane	10.33	93	148747	9.211	ng	96
29) 2,4-Dichlorophenol	10.57	162	128841	9.301	ng	92
30) 1,2,4-Trichlorobenzene	10.78	180	145559	9.237	ng	98
31) Naphthalene	10.98	128	353463	9.433	ng	99
32) Benzoic acid	10.22	122	69241	14.911	ng	97
33) 4-Chloroaniline	11.09	127	67419	3.878	ng	94
34) Hexachlorobutadiene	11.24	225	105293	8.733	ng	96
35) Caprolactam	11.89	113	41273	9.023	ng	94
36) 4-Chloro-3-methylphenol	12.19	107	147221	9.306	ng	97
37) 2-Methylnaphthalene	12.58	142	279526	9.685	ng	99
38) 1-Methylnaphthalene	12.58	142	279526	10.278	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	203197	9.205	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	261126	27.977	ng	97
43) 2,4,6-Trichlorophenol	13.17	196	124888	8.746	ng	96
44) 2,4,5-Trichlorophenol	13.25	196	131522	8.733	ng	98
46) 1,1'-Biphenyl	13.58	154	377426	9.310	ng	99
47) 2-Chloronaphthalene	13.62	162	307822	8.845	ng	98
48) 2-Nitroaniline	13.83	65	102441	8.205	ng	97
49) Acenaphthylene	14.46	152	478878	9.142	ng	98
50) Dimethylphthalate	14.19	163	400481	8.638	ng	99
51) 2,6-Dinitrotoluene	14.32	165	86041	8.608	ng	97
52) Acenaphthene	14.80	154	274607	8.654	ng	97
53) 3-Nitroaniline	14.65	138	54447	5.447	ng	# 95
54) 2,4-Dinitrophenol	14.86	184	106515	31.179	ng	98
55) Dibenzofuran	15.13	168	485995	9.102	ng	99
56) 4-Nitrophenol	14.94	139	126807	18.496	ng	93
57) 2,4-Dinitrotoluene	15.10	165	125321	8.876	ng	95
58) Fluorene	15.78	166	381913	8.982	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	131313	8.872	ng	99
60) Diethylphthalate	15.54	149	398366	8.420	ng	98
61) 4-Chlorophenyl-phenylether	15.77	204	237374	8.589	ng	95
62) 4-Nitroaniline	15.81	138	81826	7.733	ng	96
63) Azobenzene	16.06	77	378102	8.793	ng	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	73644	17.321	ng	95
66) n-Nitrosodiphenylamine	15.99	169	334105	9.197	ng	98
67) 4-Bromophenyl-phenylether	16.67	248	153595	8.807	ng	94
68) Hexachlorobenzene	16.78	284	162448	8.747	ng	98
69) Atrazine	16.92	200	138455	9.877	ng	98
70) Pentachlorophenol	17.12	266	182938	21.666	ng	97
71) Phenanthrene	17.52	178	623740	9.266	ng	99
72) Anthracene	17.62	178	644699	9.711	ng	99
73) Carbazole	17.89	167	537152	9.429	ng	99
74) Di-n-butylphthalate	18.42	149	646504	9.131	ng	98
75) Fluoranthene	19.53	202	814465	9.796	ng	99
77) Benzidine	19.71	184	229484	7.215	ng	98
78) Pyrene	19.89	202	815659	9.411	ng	98
80) Butylbenzylphthalate	20.76	149	297903	8.833	ng	97
81) Benzo(a)anthracene	21.74	228	794371	8.951	ng	98
82) 3,3'-Dichlorobenzidine	21.65	252	178496	5.718	ng	99
83) Chrysene	21.81	228	761031	8.961	ng	100
84) Bis(2-ethylhexyl)phthalate	21.61	149	407913	8.591	ng	98
85) Di-n-octyl phthalate	22.85	149	695822	8.800	ng	100
86) Indeno(1,2,3-cd)pyrene	28.90	276	906709	8.715	ng	# 98
88) Benzo(b)fluoranthene	24.02	252	783295	8.427	ng	99
89) Benzo(k)fluoranthene	24.09	252	763654	8.302	ng	99
90) Benzo(a)pyrene	24.93	252	765908	8.637	ng	97
91) Dibenzo(a,h)anthracene	28.97	278	749699	8.460	ng	99
92) Benzo(g,h,i)perylene	30.11	276	754068	8.759	ng	98

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

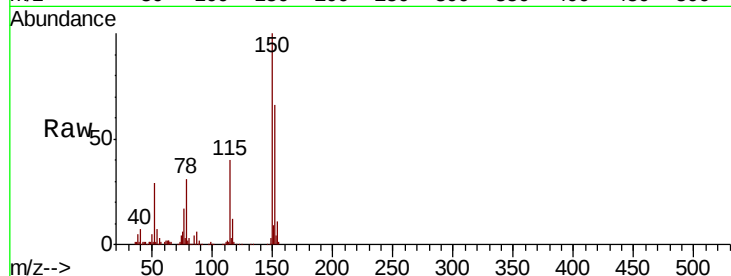


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. -0.03 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Instrument :
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PB120423BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.5	120.6	180.8
115	60.4	45.1	67.7

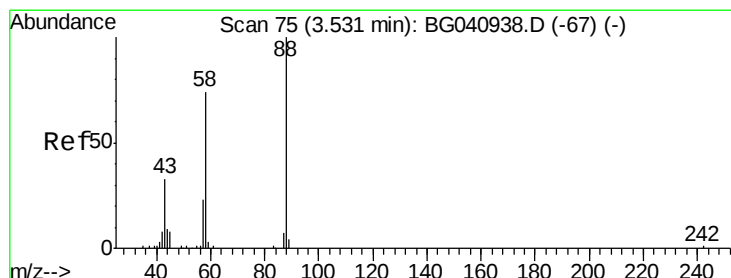
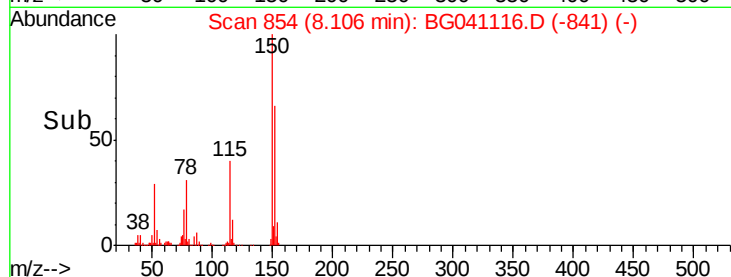
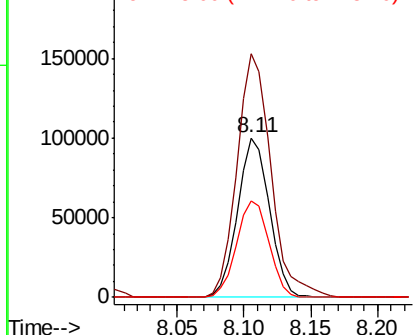


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

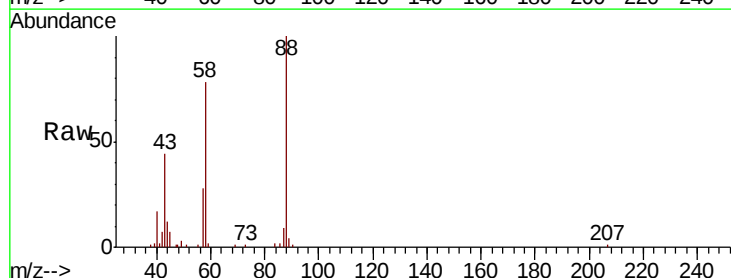
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 8.644 ng
RT: 3.50 min Scan# 70
Delta R.T. -0.03 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.3	59.0	88.6
43	35.9	27.2	40.8

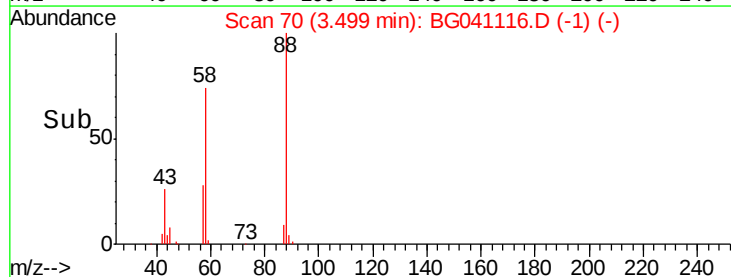
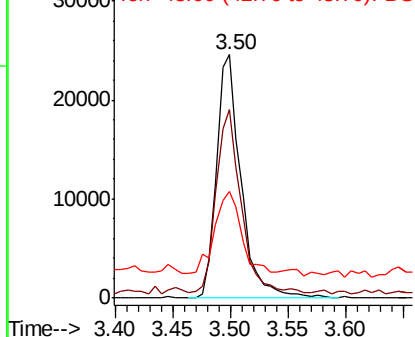


Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 8.080 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.03 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

Instrument :

BNA_G

ClientSampleId :

PB120423BS

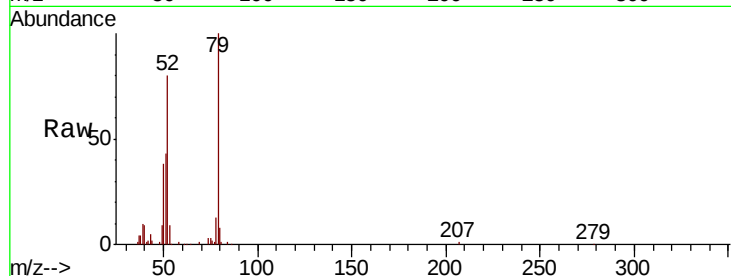
Tgt Ion: 79 Resp: 99294

Ion Ratio Lower Upper

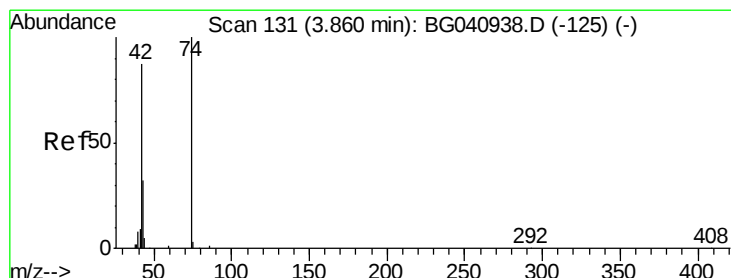
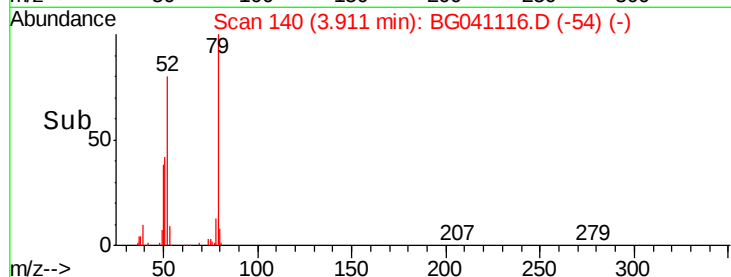
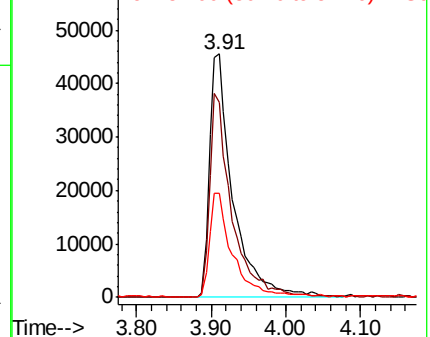
79 100

52 80.0 64.8 97.2

51 42.5 35.3 52.9



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: 9.453 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.03 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

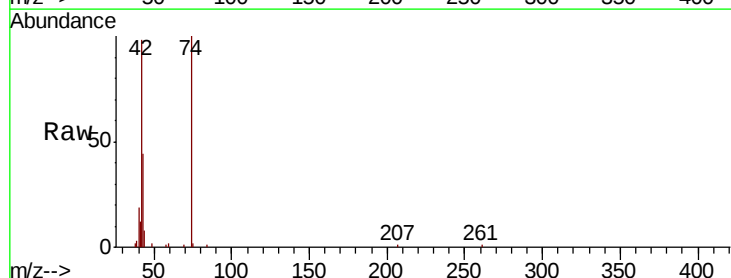
Tgt Ion: 42 Resp: 53913

Ion Ratio Lower Upper

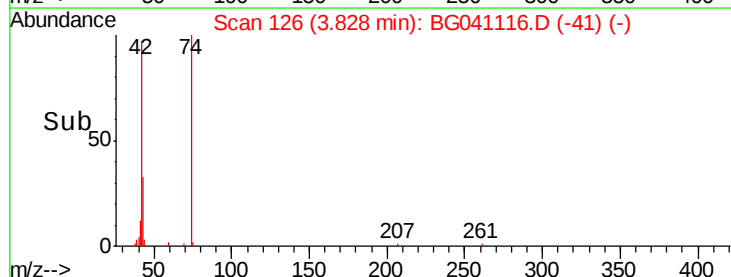
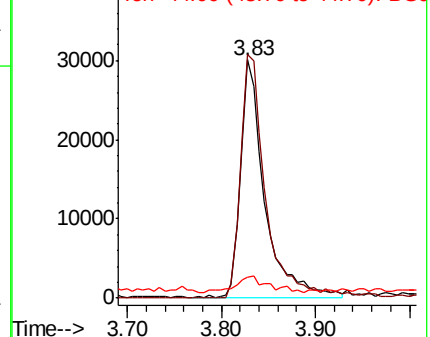
42 100

74 102.2 91.8 137.6

44 8.6 6.0 9.0



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: 128.944 ng

RT: 5.65 min Scan# 436

Delta R.T. -0.01 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

Instrument :

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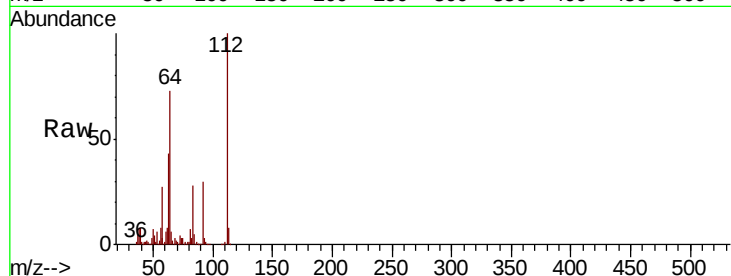
Tgt Ion:112 Resp: 1180070

Ion Ratio Lower Upper

112 100

64 72.8 56.2 84.2

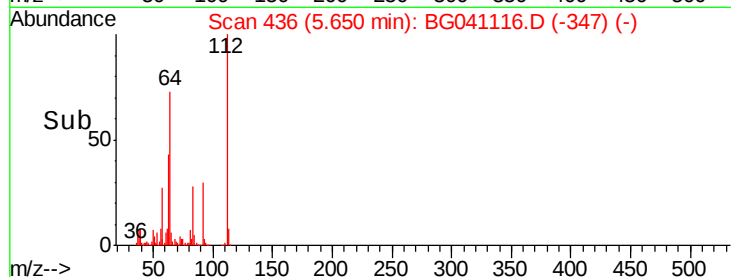
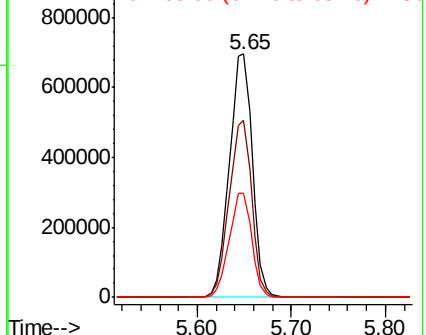
63 42.9 32.8 49.2



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: 6.905 ng

RT: 7.44 min Scan# 740

Delta R.T. -0.02 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

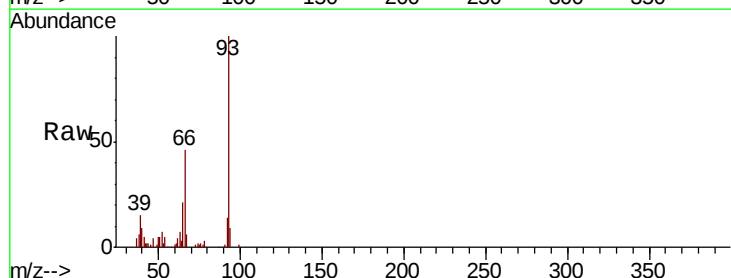
Tgt Ion: 93 Resp: 130269

Ion Ratio Lower Upper

93 100

66 45.6 33.8 50.8

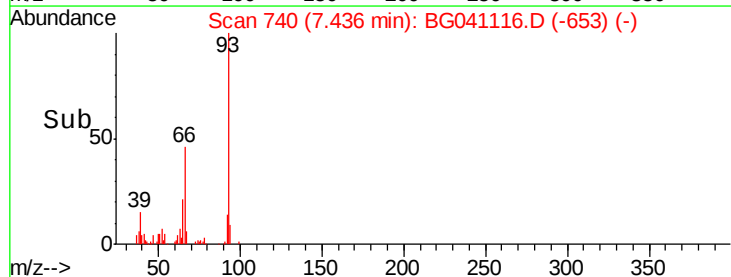
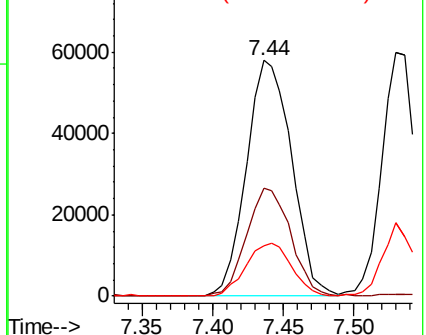
65 21.2 18.3 27.5

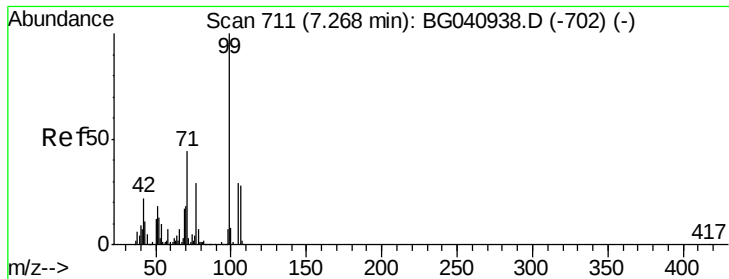


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 116.717 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

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ClientSampleId :

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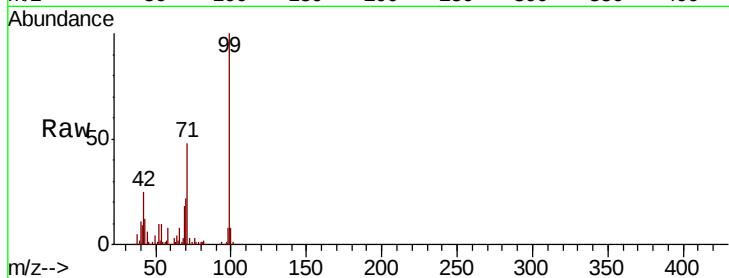
Tgt Ion: 99 Resp: 1649669

Ion Ratio Lower Upper

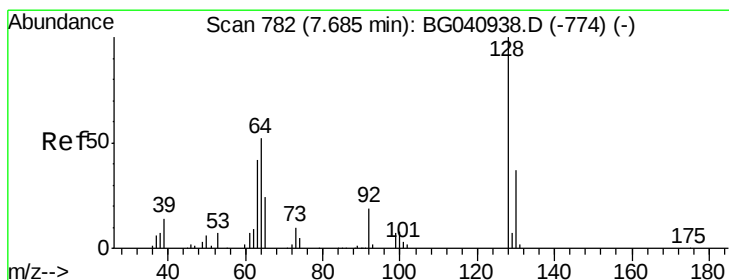
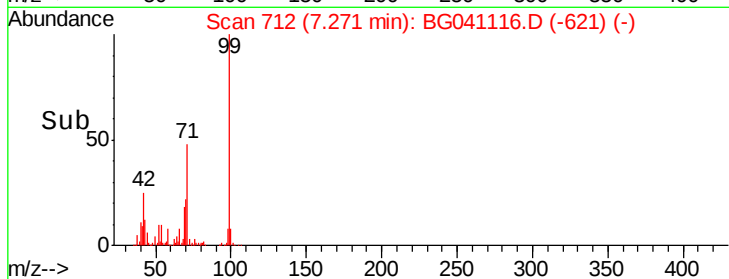
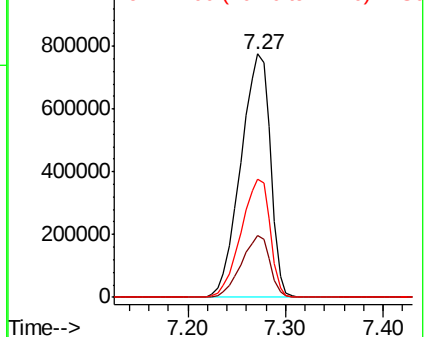
99 100

42 25.2 17.9 26.9

71 48.4 35.4 53.0



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: 9.720 ng

RT: 7.67 min Scan# 780

Delta R.T. -0.01 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

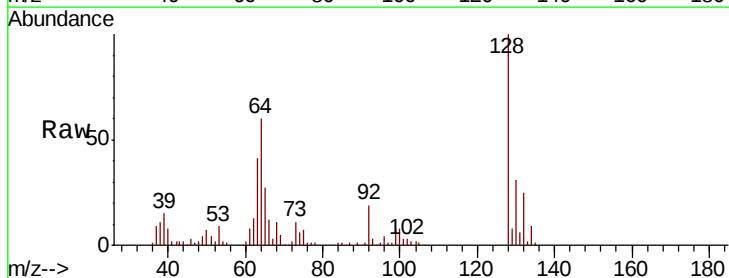
Tgt Ion: 128 Resp: 106047

Ion Ratio Lower Upper

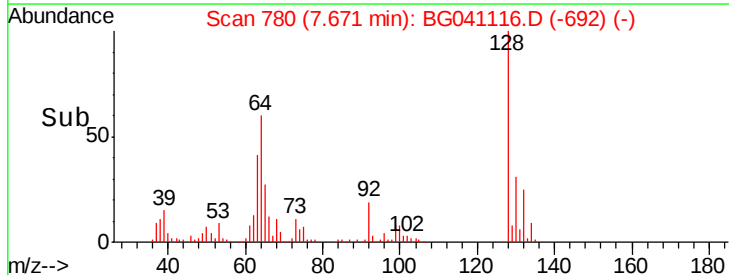
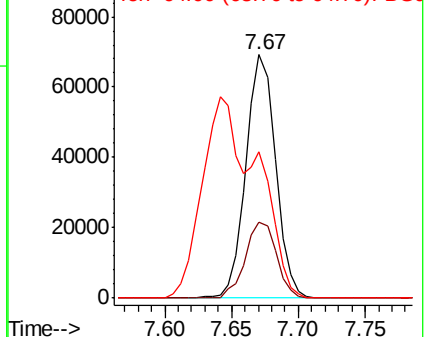
128 100

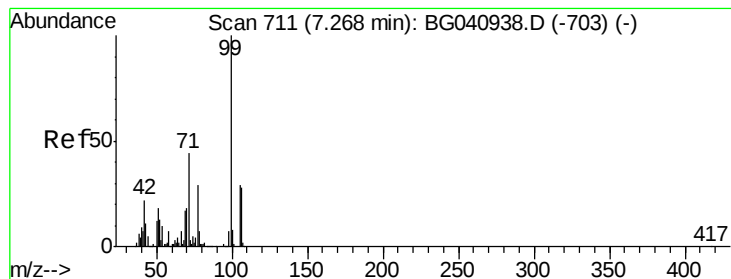
130 31.1 16.6 56.6

64 59.9 37.8 77.8



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: 4.542 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.02 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

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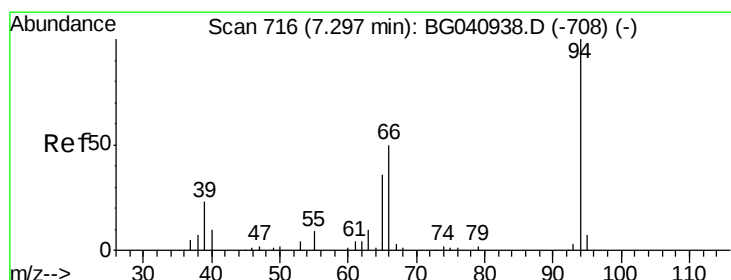
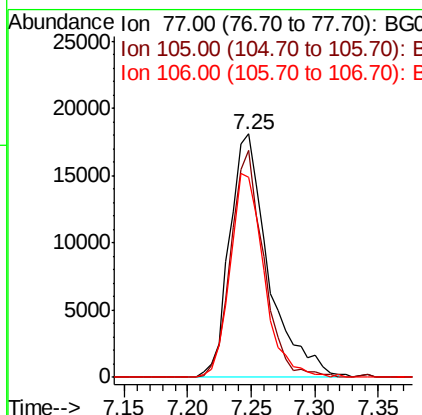
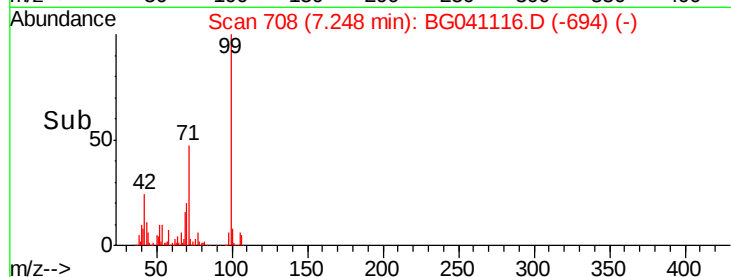
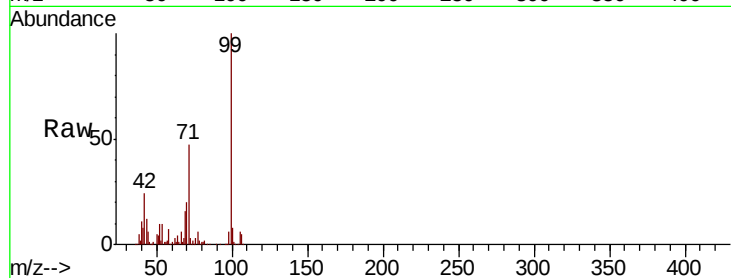
Tgt Ion: 77 Resp: 38292

Ion Ratio Lower Upper

77 100

105 93.5 78.9 118.9

106 82.3 76.7 116.7



#10

Phenol

Concen: 9.385 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

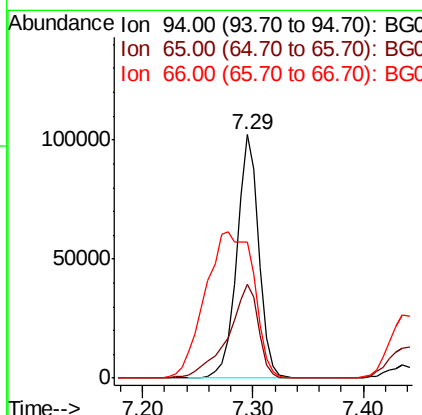
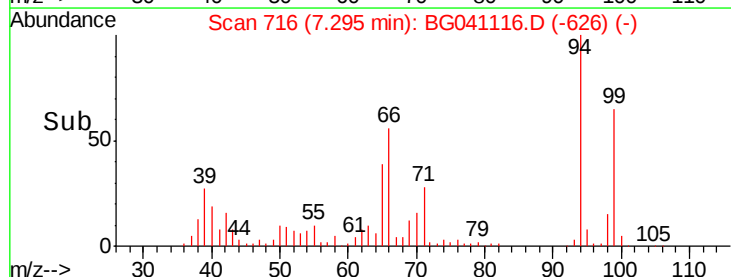
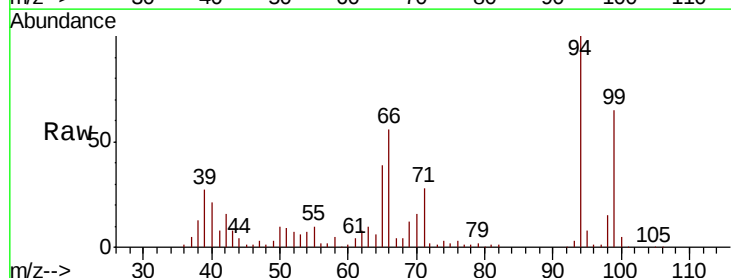
Tgt Ion: 94 Resp: 142225

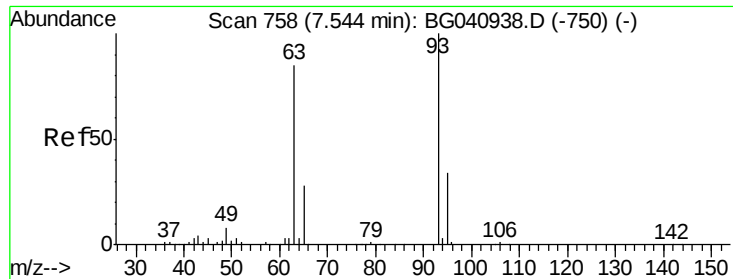
Ion Ratio Lower Upper

94 100

65 38.7 17.0 57.0

66 55.8 32.4 72.4

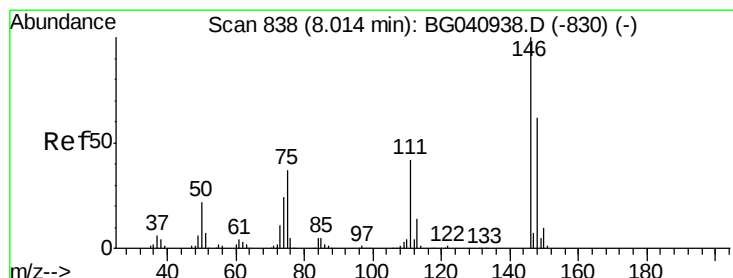
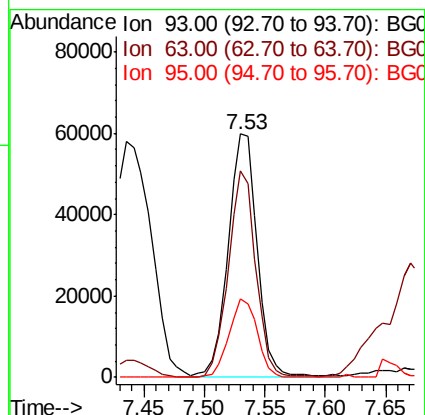
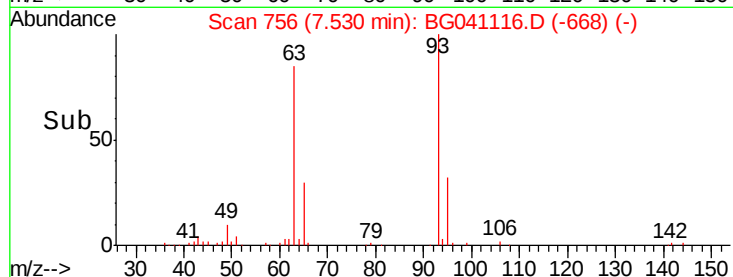
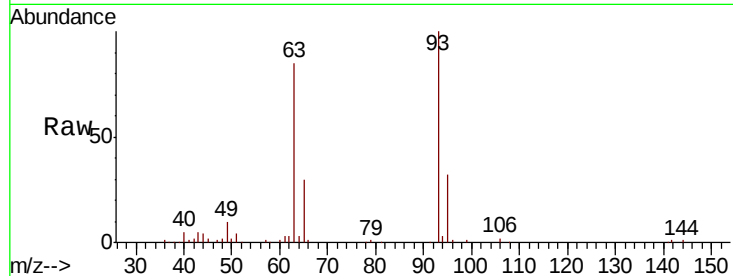




#11
 bis(2-Chloroethyl)ether
 Concen: 9.045 ng
 RT: 7.53 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BG041116.D
 Acq: 8 Jun 2019 2:51

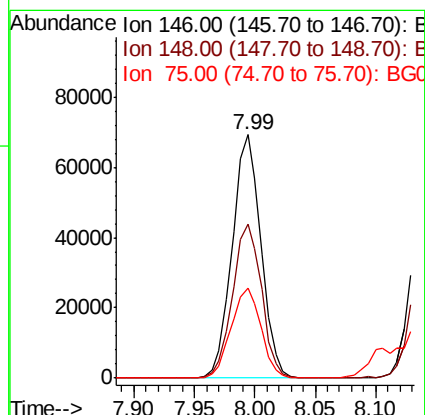
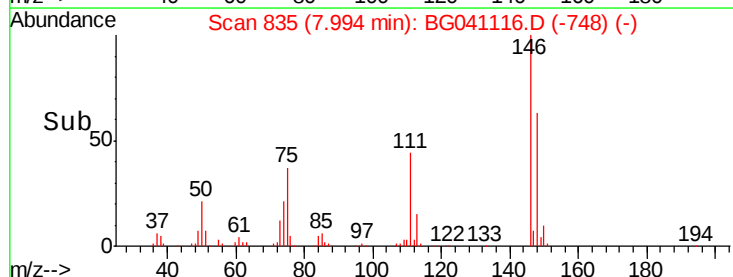
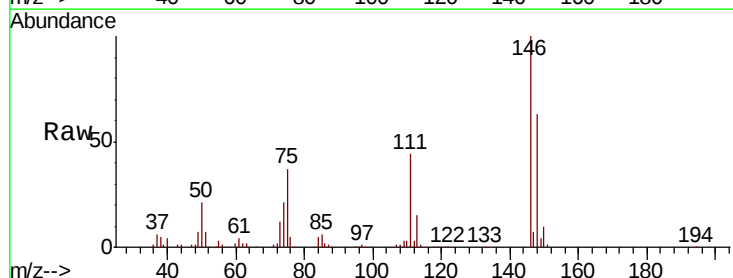
Instrument :
 BNA_G
 ClientSampleId :
 PB120423BS

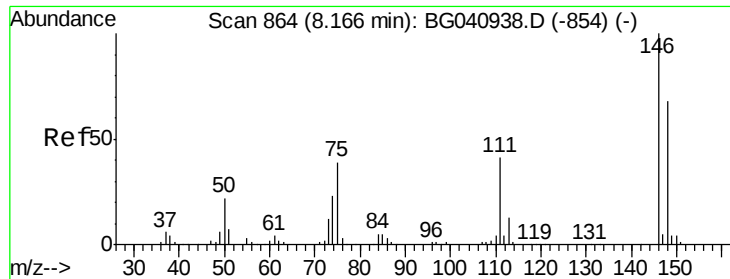
Tgt Ion: 93 Resp: 99436
 Ion Ratio Lower Upper
 93 100
 63 84.9 64.5 104.5
 95 32.2 13.3 53.3



#12
 1,3-Dichlorobenzene
 Concen: 8.802 ng
 RT: 7.99 min Scan# 835
 Delta R.T. -0.02 min
 Lab File: BG041116.D
 Acq: 8 Jun 2019 2:51

Tgt Ion: 146 Resp: 114699
 Ion Ratio Lower Upper
 146 100
 148 63.4 49.2 73.8
 75 37.1 29.4 44.0

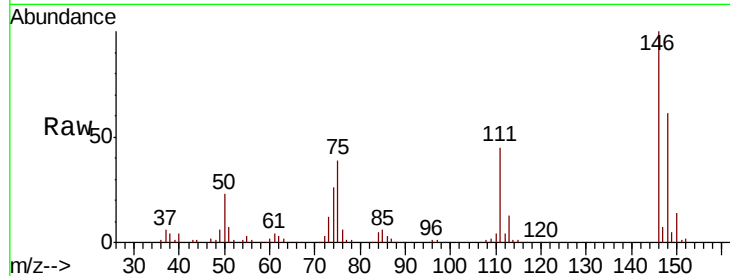




#13
 1,4-Dichlorobenzene
 Concen: 8.806 ng
 RT: 8.14 min Scan# 860
 Delta R.T. -0.03 min
 Lab File: BG041116.D
 Acq: 8 Jun 2019 2:51

Instrument :
 BNA_G
 ClientSampleId :
 PB120423BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.1	54.2	81.4
111	44.8	32.9	49.3

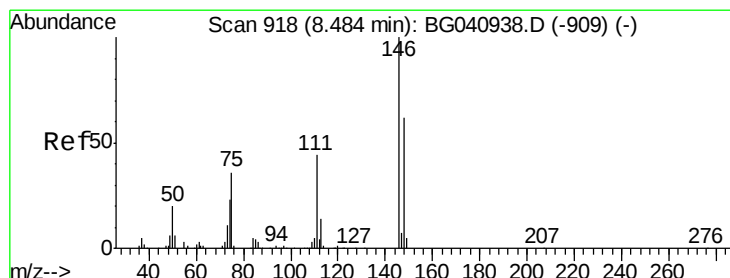
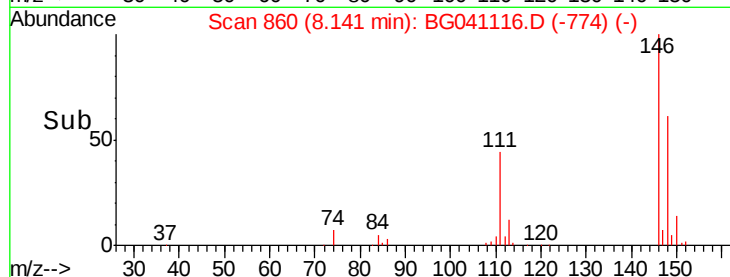
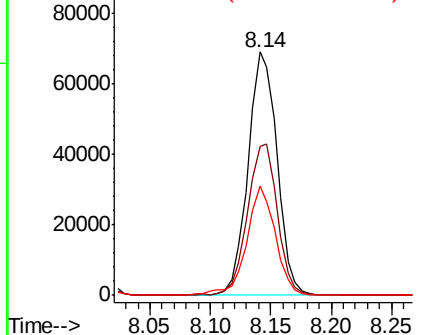


Abundance

Ion 146.00 (145.70 to 146.70): E

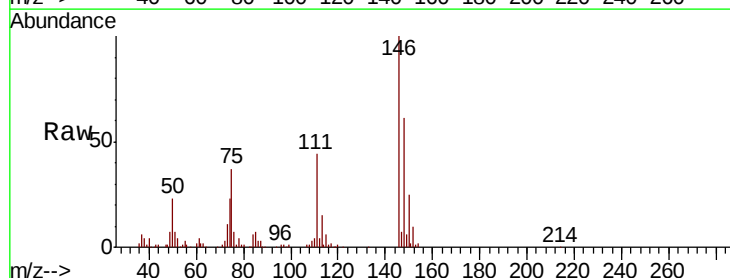
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 8.550 ng
 RT: 8.46 min Scan# 915
 Delta R.T. -0.02 min
 Lab File: BG041116.D
 Acq: 8 Jun 2019 2:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.4	49.8	74.6
111	43.7	35.0	52.4

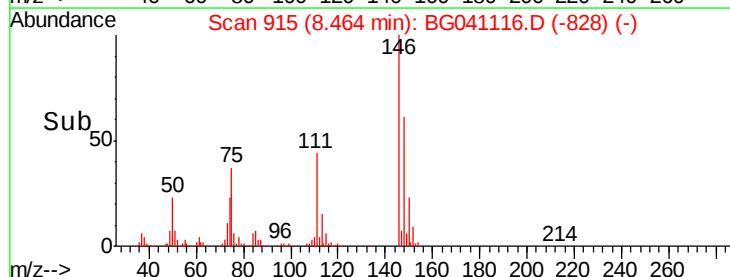
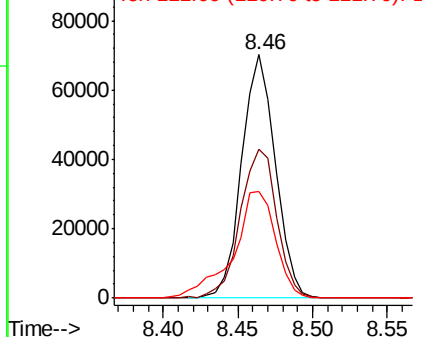


Abundance

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: 9.388 ng

RT: 8.35 min Scan# 895

Delta R.T. -0.02 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

Instrument :

BNA_G

ClientSampleId :

PB120423BS

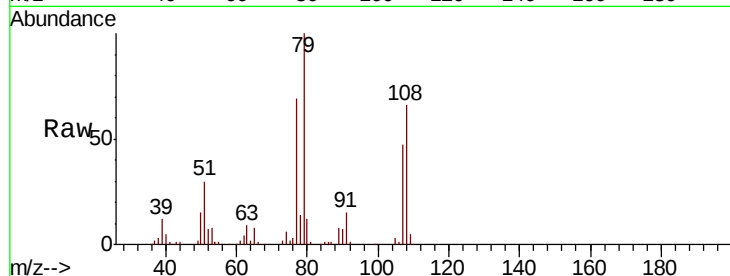
Tgt Ion: 79 Resp: 122749

Ion Ratio Lower Upper

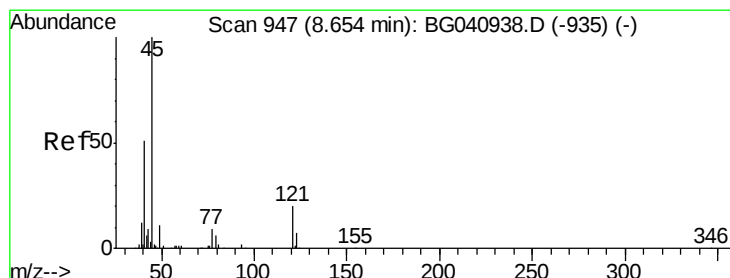
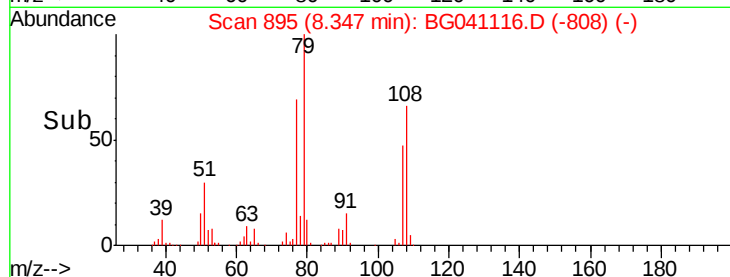
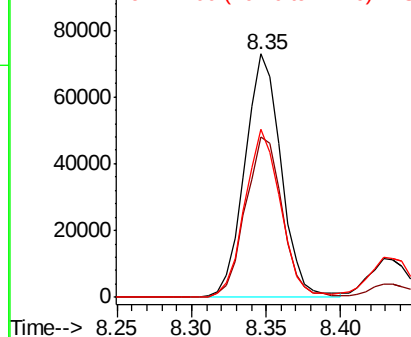
79 100

108 65.8 48.3 72.5

77 69.2 52.3 78.5



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: 8.811 ng

RT: 8.62 min Scan# 942

Delta R.T. -0.03 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

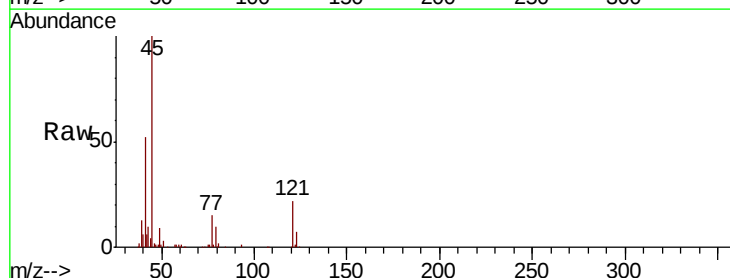
Tgt Ion: 45 Resp: 158277

Ion Ratio Lower Upper

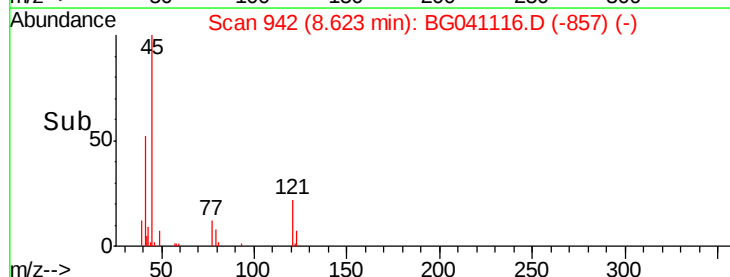
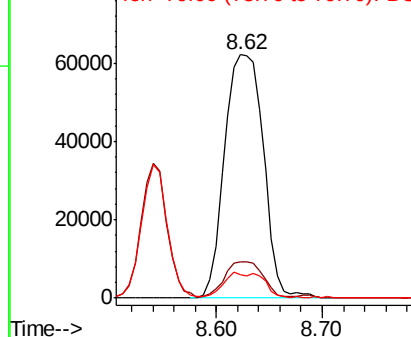
45 100

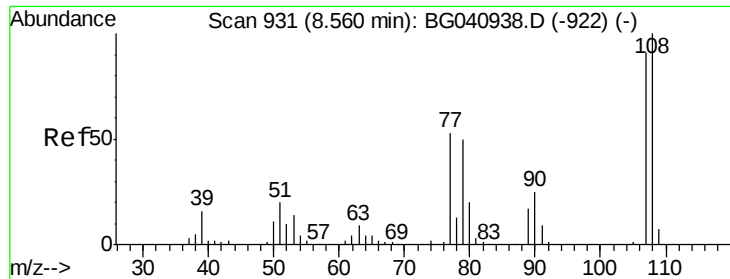
77 15.1 0.0 33.7

79 9.6 0.0 30.2



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

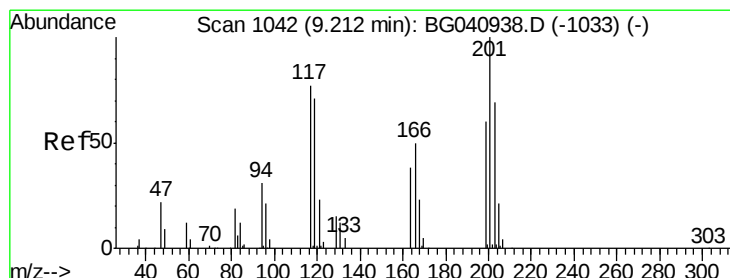
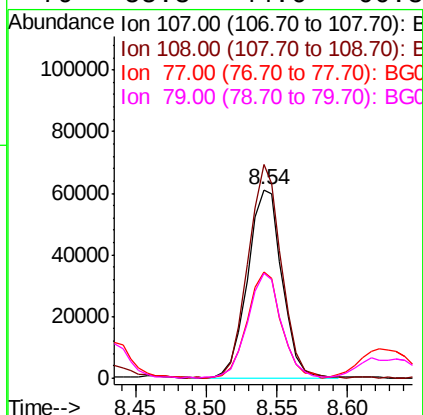
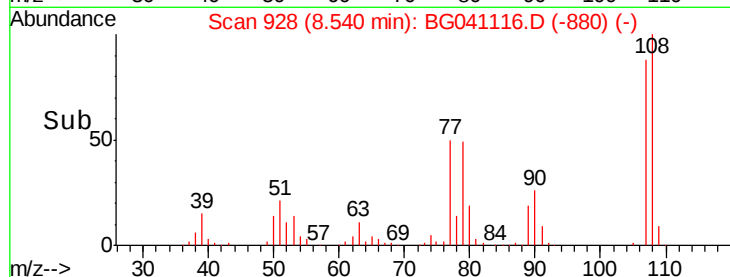
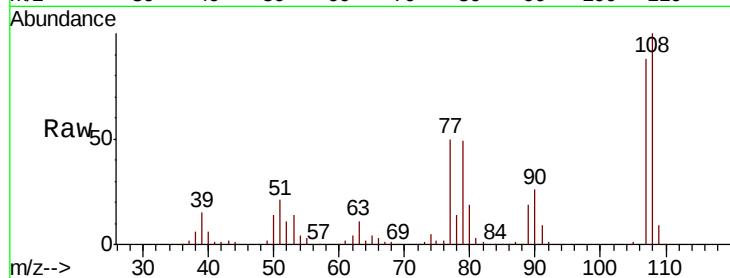




#17
2-Methylphenol
Concen: 9.579 ng
RT: 8.54 min Scan# 928
Delta R.T. -0.02 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

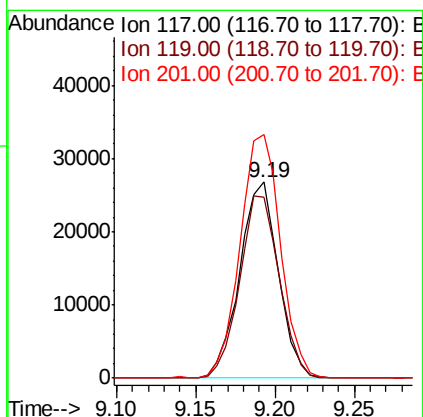
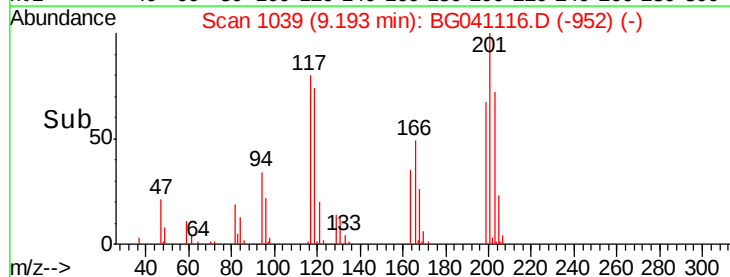
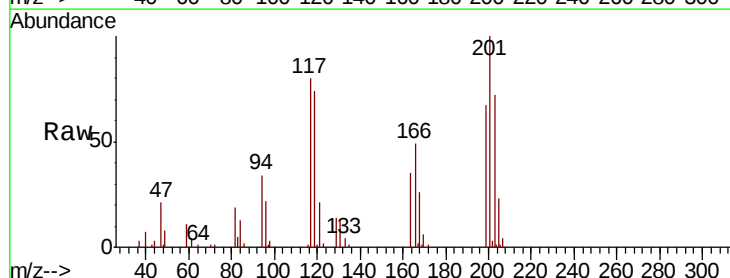
Instrument :
BNA_G
ClientSampleId :
PB120423BS

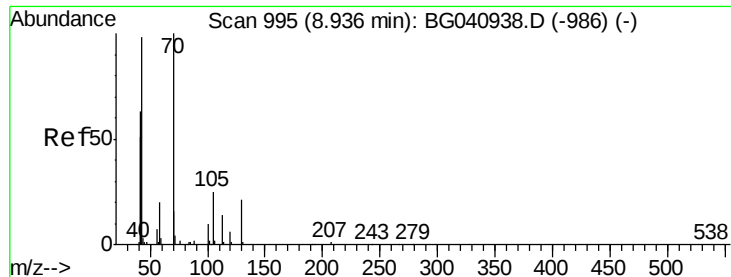
Tgt Ion:	107	Resp:	105102
Ion	Ratio	Lower	Upper
107	100		
108	113.2	87.7	131.5
77	56.2	46.6	70.0
79	55.8	44.6	66.8



#18
Hexachloroethane
Concen: 8.908 ng
RT: 9.19 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Tgt Ion:	117	Resp:	45287
Ion	Ratio	Lower	Upper
117	100		
119	92.5	75.0	112.6
201	128.1	103.5	155.3

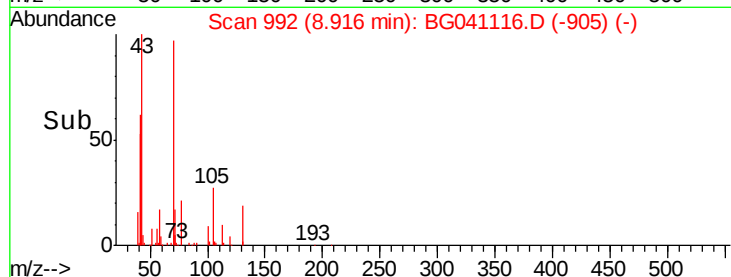
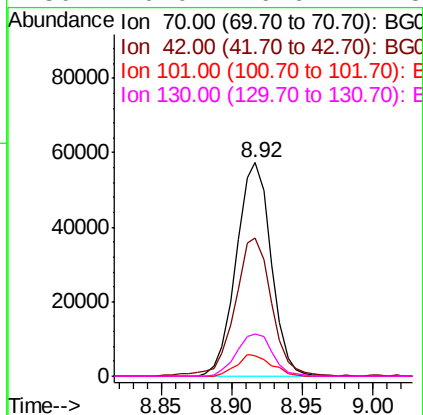
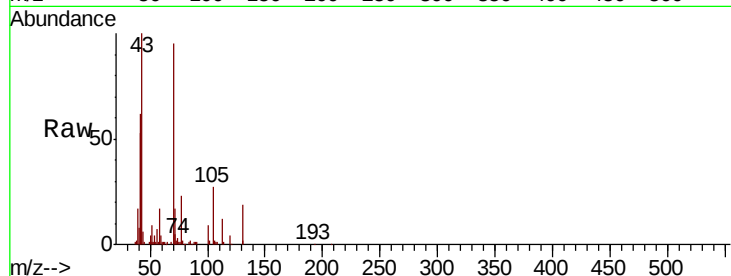




#19
n-Nitroso-di-n-propylamine
Concen: 9.095 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.02 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

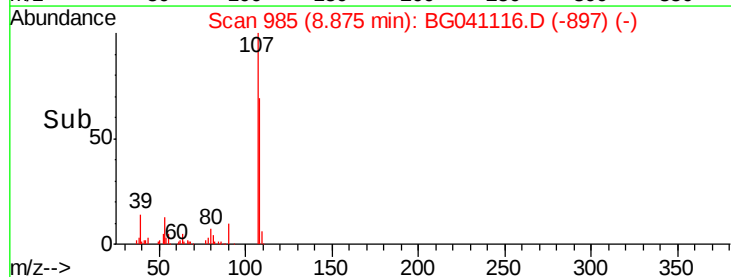
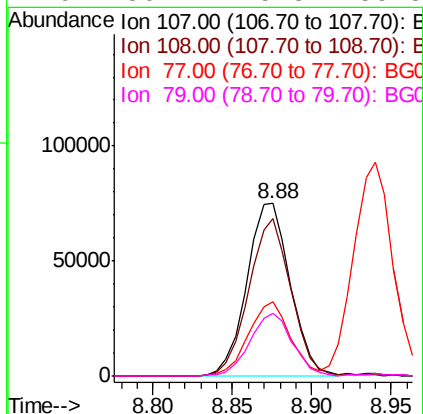
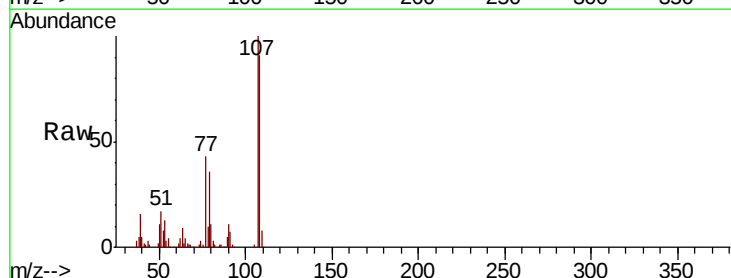
Instrument :
BNA_G
ClientSampleId :
PB120423BS

Tgt Ion:	70	Resp:	98923
Ion	Ratio	Lower	Upper
70	100		
42	64.9	51.5	77.3
101	9.8	8.1	12.1
130	20.0	16.6	24.8



#20
3+4-Methylphenols
Concen: 9.403 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Tgt Ion:	107	Resp:	142919
Ion	Ratio	Lower	Upper
107	100		
108	91.2	66.8	106.8
77	42.9	20.5	60.5
79	36.1	15.8	55.8

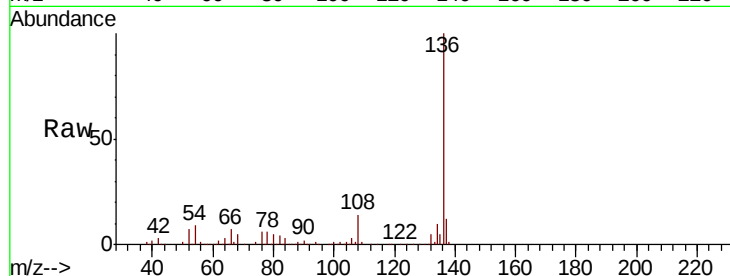




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Instrument :
BNA_G
ClientSampleId :
PB120423BS

Tgt Ion:	136	Resp:	697933
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.5	14.3
54	9.1	7.6	11.4
68	4.7	3.9	5.9



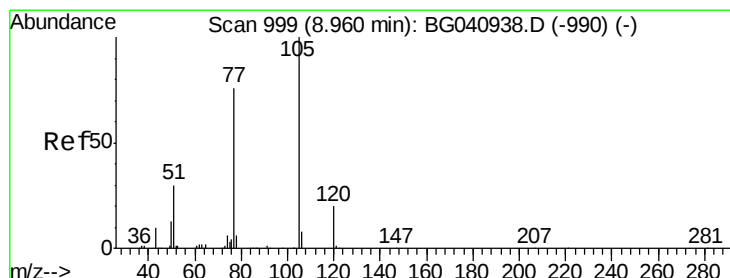
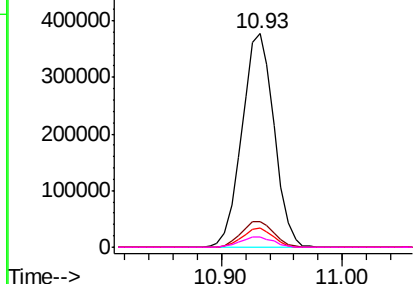
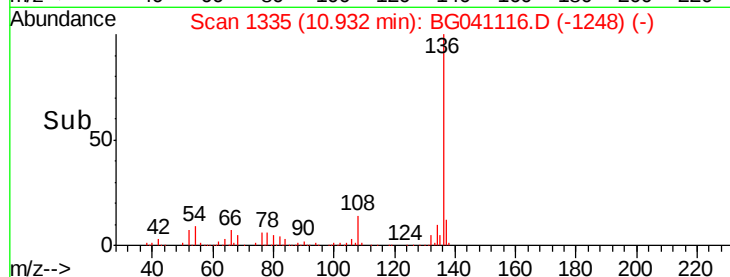
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

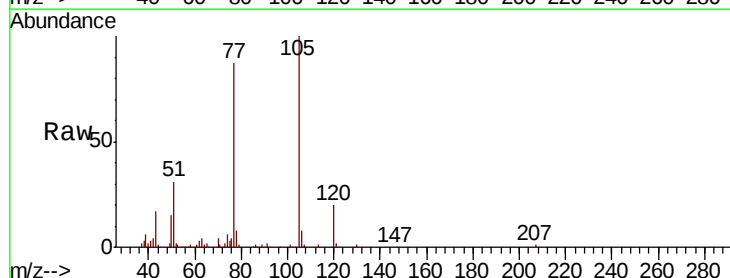
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 9.719 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.02 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Tgt Ion:	105	Resp:	190279
Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.4	0.6
51	31.4	27.0	40.6
120	20.3	16.2	24.4



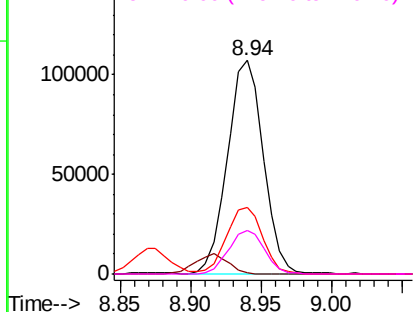
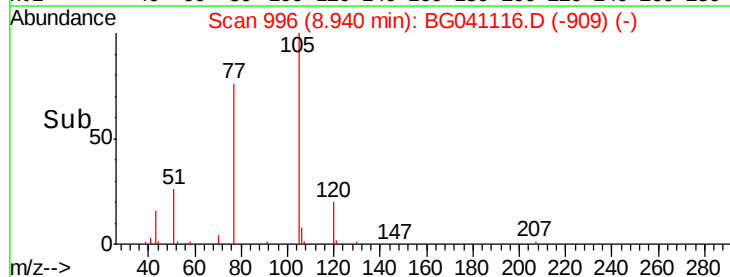
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

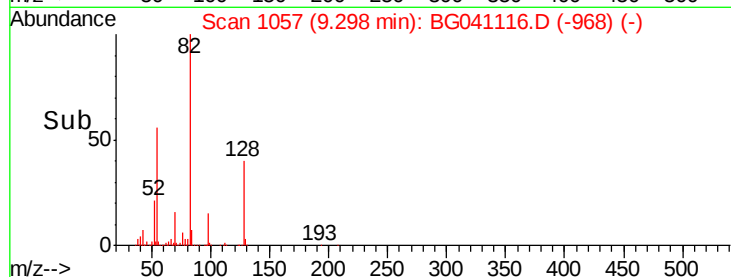
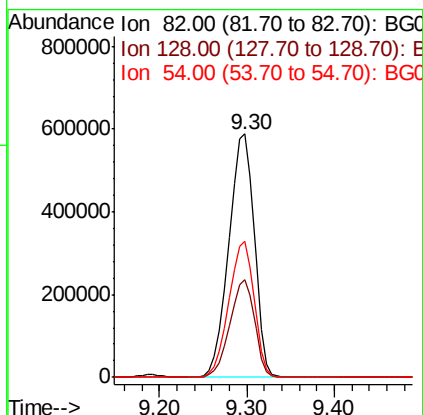
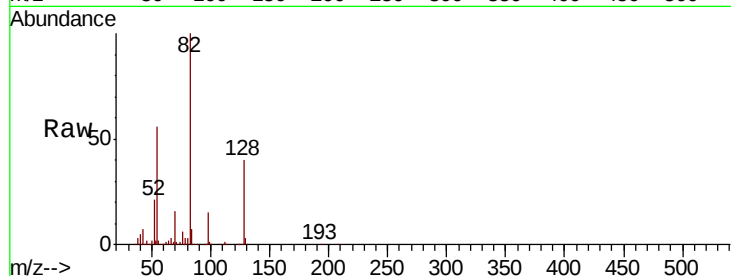




#23
Nitrobenzene-d5
Concen: 74.445 ng
RT: 9.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

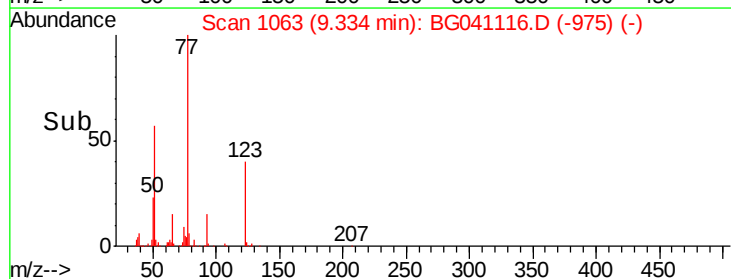
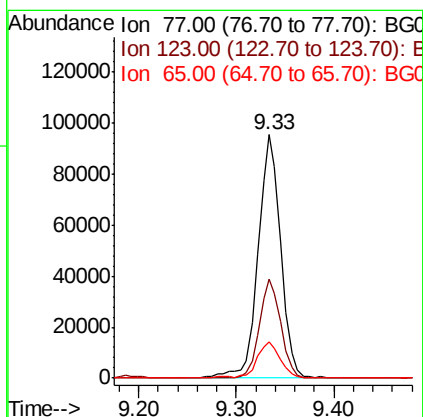
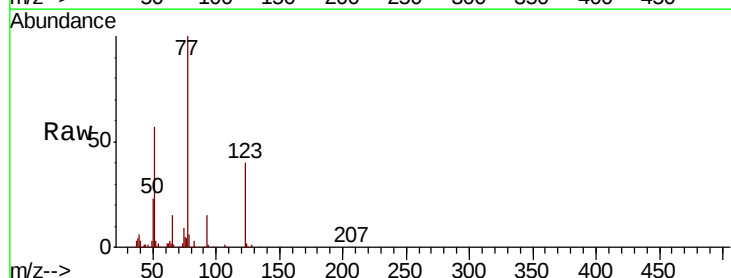
Instrument :
BNA_G
ClientSampleId :
PB120423BS

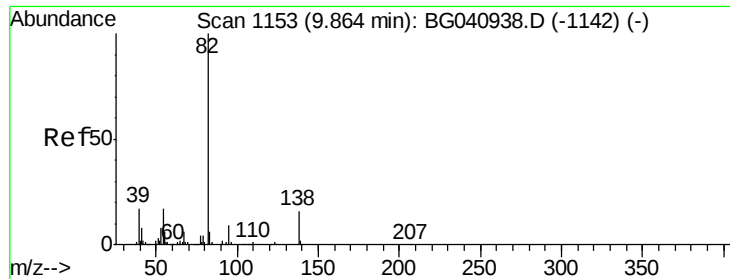
Tgt Ion: 82 Resp: 1170389
Ion Ratio Lower Upper
82 100
128 40.3 30.5 45.7
54 56.0 44.6 66.8



#24
Nitrobenzene
Concen: 9.727 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Tgt Ion: 77 Resp: 155843
Ion Ratio Lower Upper
77 100
123 40.5 30.6 46.0
65 14.9 12.3 18.5

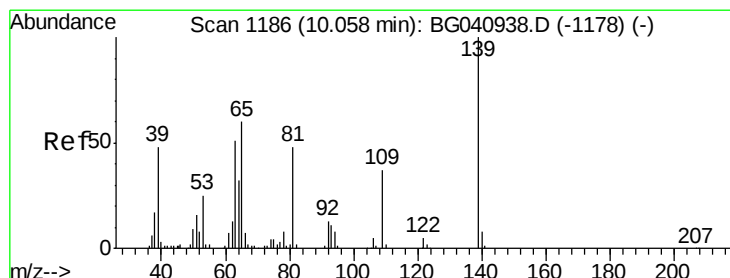
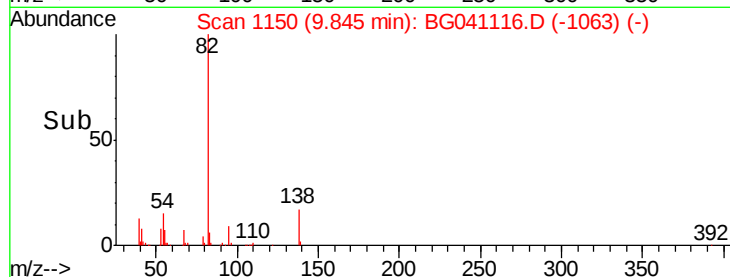
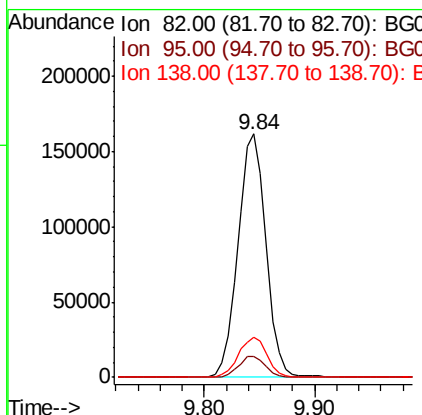
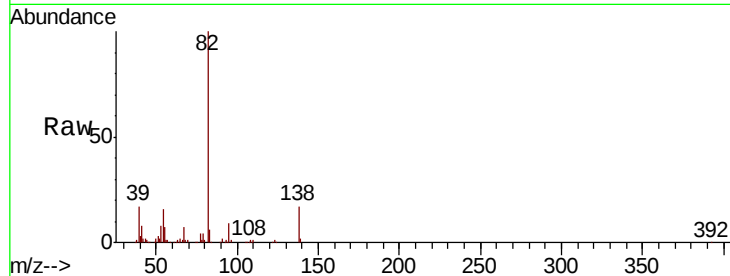




#25
Isophorone
Concen: 9.600 ng
RT: 9.84 min Scan# 1150
Delta R.T. -0.02 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

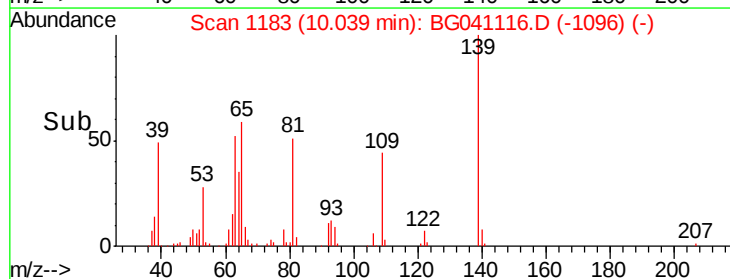
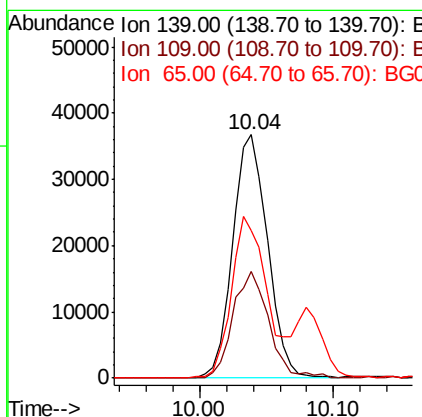
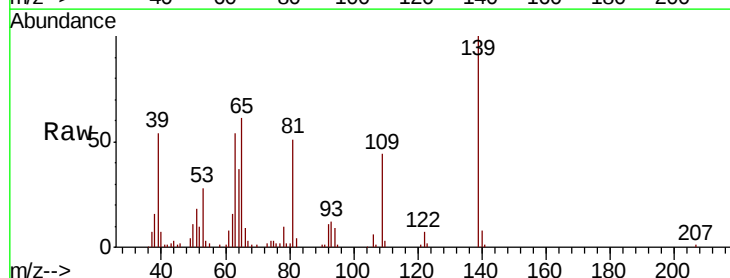
Instrument :
BNA_G
ClientSampleId :
PB120423BS

Tgt Ion: 82 Resp: 287217
Ion Ratio Lower Upper
82 100
95 8.6 7.0 10.4
138 16.6 12.6 19.0



#26
2-Nitrophenol
Concen: 10.069 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Tgt Ion: 139 Resp: 66502
Ion Ratio Lower Upper
139 100
109 43.7 29.8 44.6
65 60.6 47.8 71.6

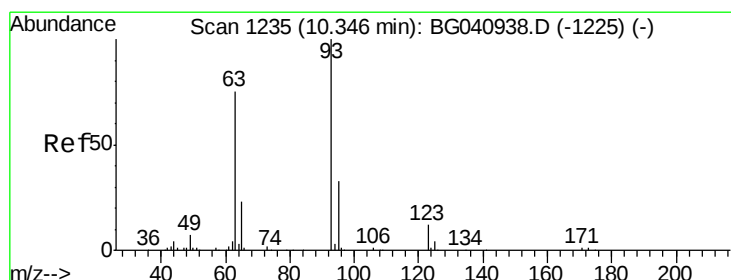
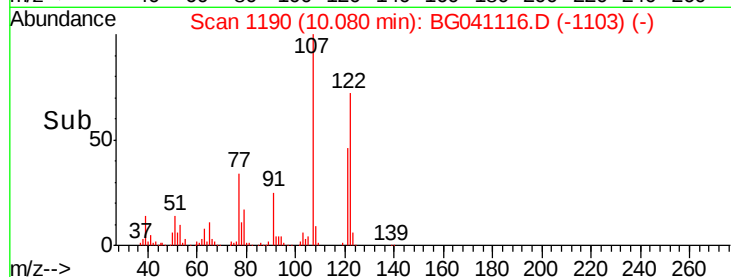
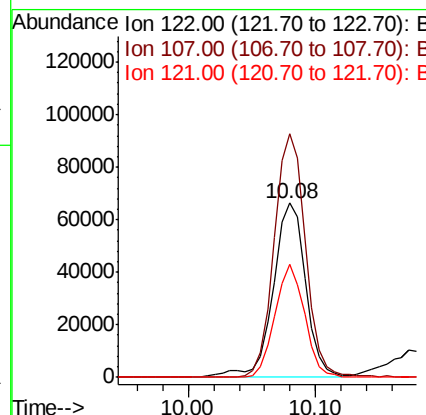
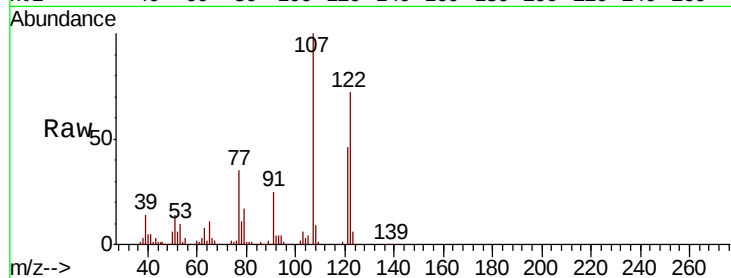




#27
 2,4-Dimethylphenol
 Concen: 10.830 ng
 RT: 10.08 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BG041116.D
 Acq: 8 Jun 2019 2:51

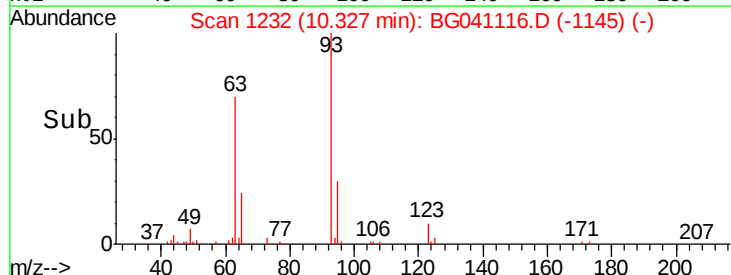
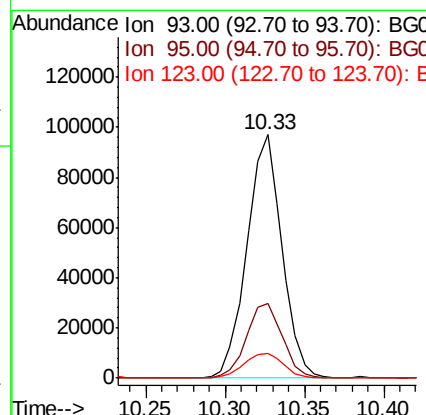
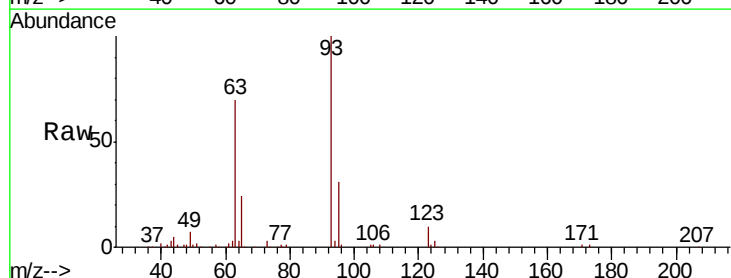
Instrument :
 BNA_G
 ClientSampleId :
 PB120423BS

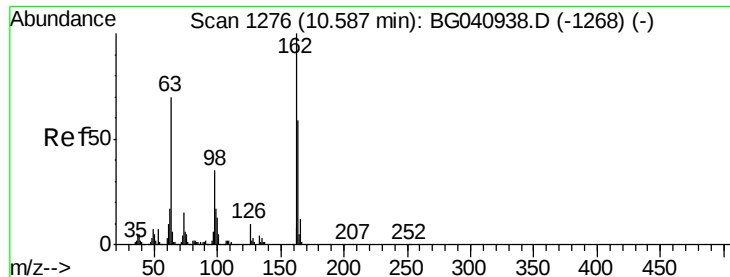
Tgt Ion:122 Resp: 118141
 Ion Ratio Lower Upper
 122 100
 107 139.6 105.9 158.9
 121 64.7 46.2 69.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 9.211 ng
 RT: 10.33 min Scan# 1232
 Delta R.T. -0.02 min
 Lab File: BG041116.D
 Acq: 8 Jun 2019 2:51

Tgt Ion: 93 Resp: 148747
 Ion Ratio Lower Upper
 93 100
 95 30.6 26.2 39.2
 123 10.1 9.5 14.3

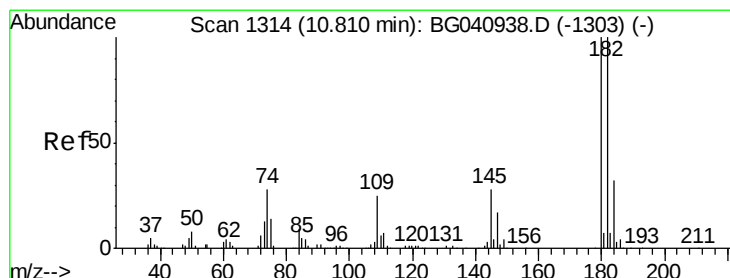
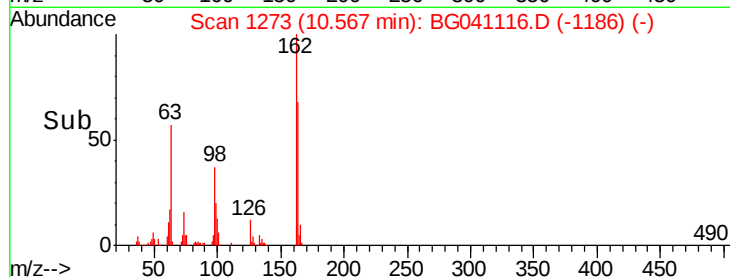
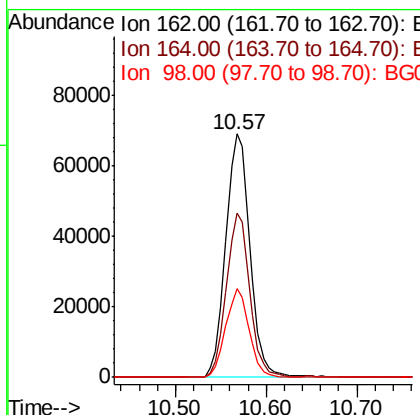
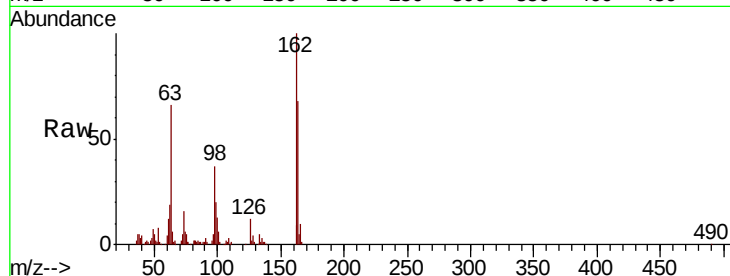




#29
2,4-Dichlorophenol
Concen: 9.301 ng
RT: 10.57 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

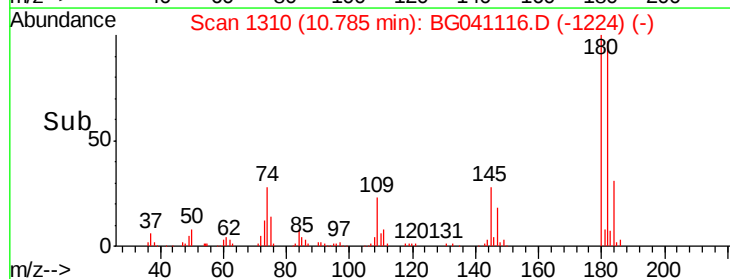
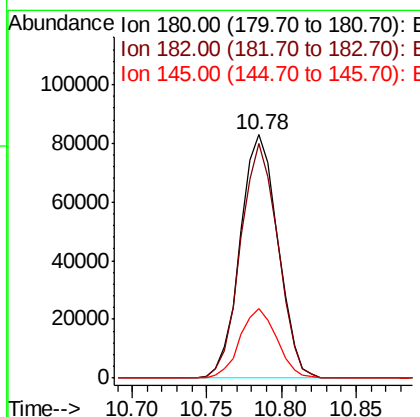
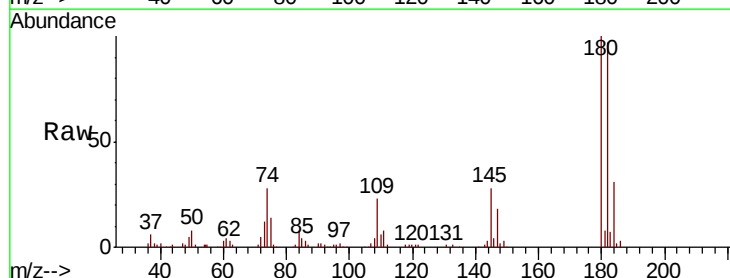
Instrument :
BNA_G
ClientSampleId :
PB120423BS

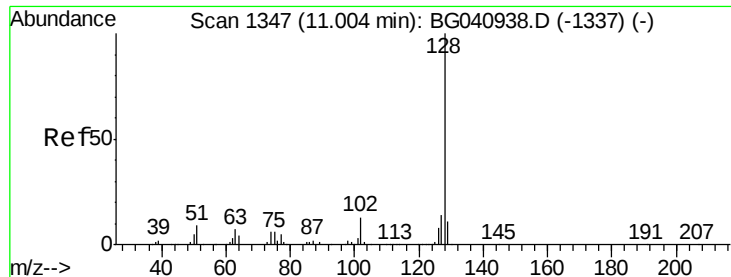
Tgt Ion	Ratio	Lower	Upper
162	100		
164	67.6	39.4	79.4
98	36.6	15.3	55.3



#30
1,2,4-Trichlorobenzene
Concen: 9.237 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	79.7	119.5
145	28.3	22.6	34.0

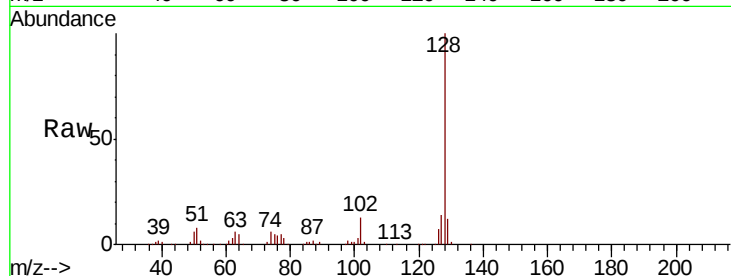




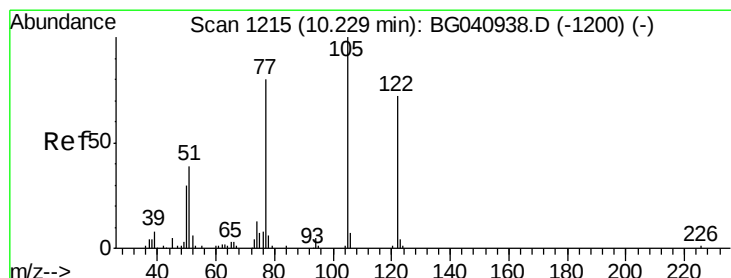
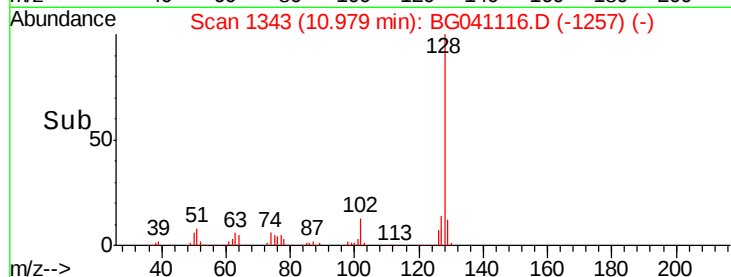
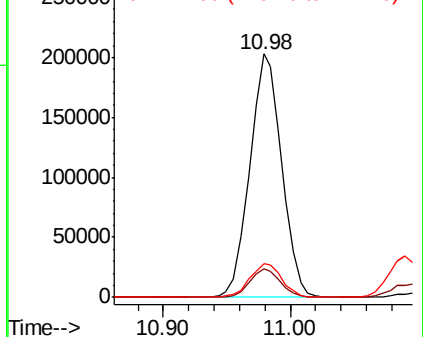
#31
Naphthalene
Concen: 9.433 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.03 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Instrument :
BNA_G
ClientSampleId :
PB120423BS

Tgt Ion:128 Resp: 353463
Ion Ratio Lower Upper
128 100
129 11.6 8.5 12.7
127 14.0 11.4 17.2

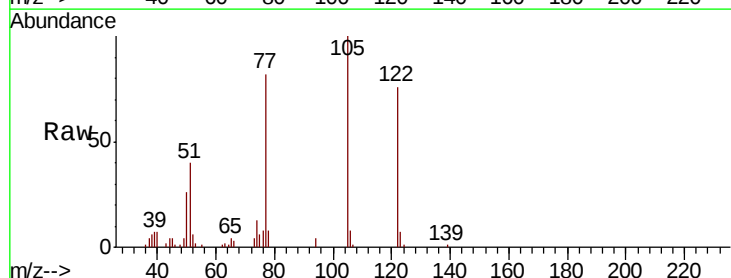


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

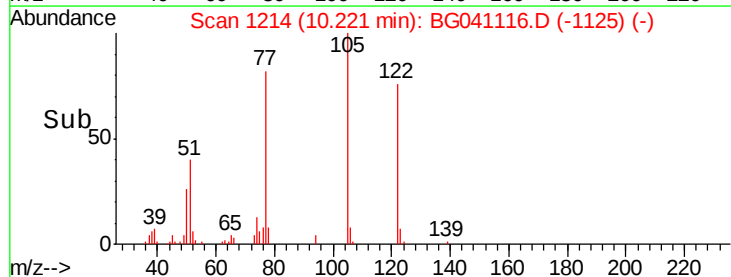
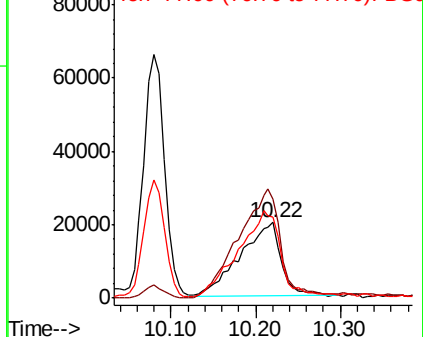


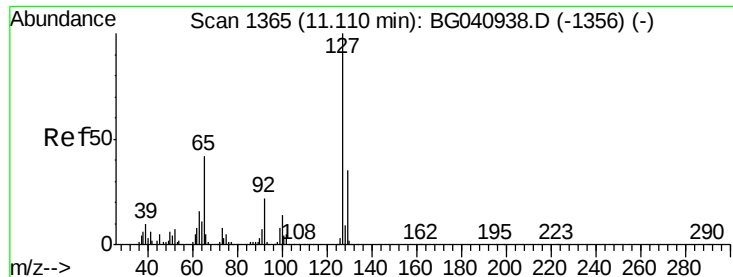
#32
Benzoic acid
Concen: 14.911 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Tgt Ion:122 Resp: 69241
Ion Ratio Lower Upper
122 100
105 131.2 114.8 154.8
77 107.4 89.9 129.9



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

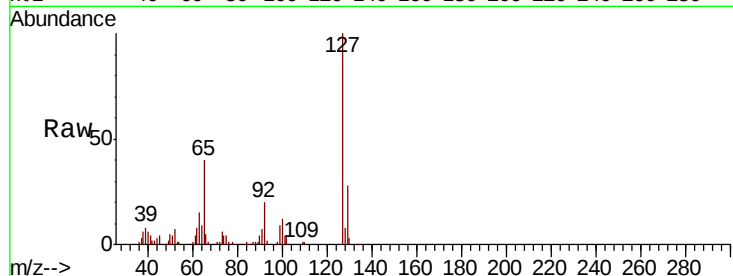




#33
4-Chloroaniline
Concen: 3.878 ng
RT: 11.09 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Instrument :
BNA_G
ClientSampleId :
PB120423BS

Tgt Ion:	127	Resp:	67419
Ion	Ratio	Lower	Upper
127	100		
129	28.5	27.7	41.5
65	40.0	33.2	49.8
92	19.5	17.2	25.8



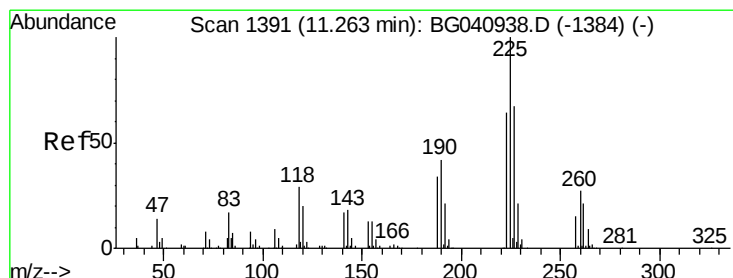
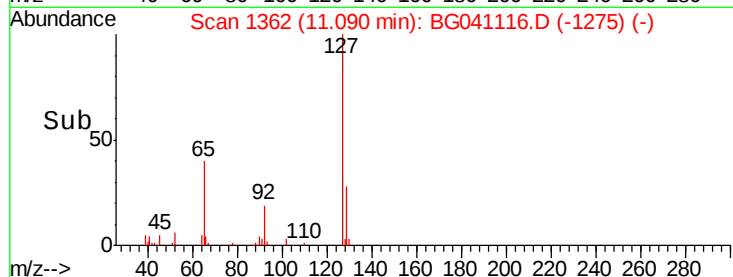
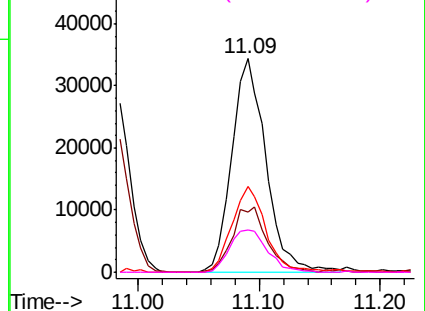
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

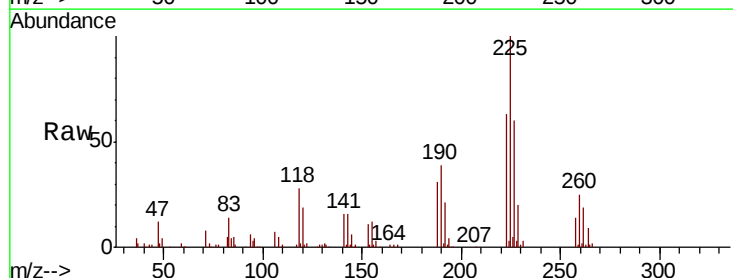
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 8.733 ng
RT: 11.24 min Scan# 1387
Delta R.T. -0.03 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Tgt Ion:	225	Resp:	105293
Ion	Ratio	Lower	Upper
225	100		
223	62.9	48.8	73.2
227	60.0	51.4	77.0

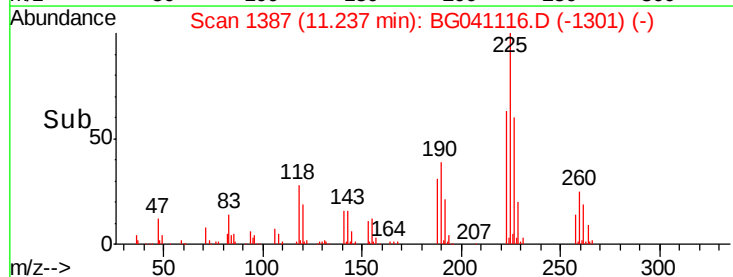
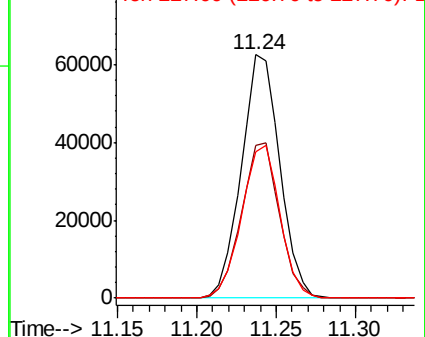


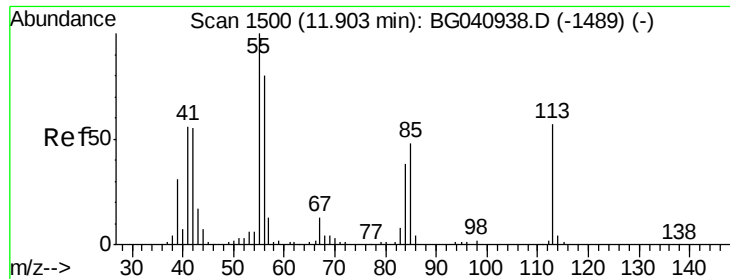
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 9.023 ng

RT: 11.89 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

Instrument :

BNA_G

ClientSampleId :

PB120423BS

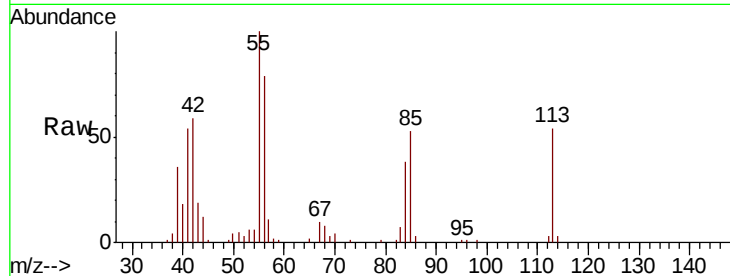
Tgt Ion:113 Resp: 41273

Ion Ratio Lower Upper

113 100

55 184.1 155.9 195.9

56 146.3 119.9 159.9

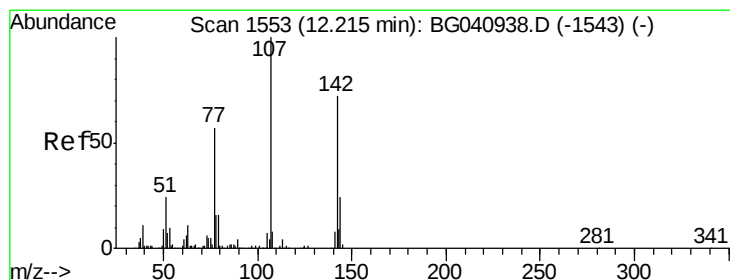
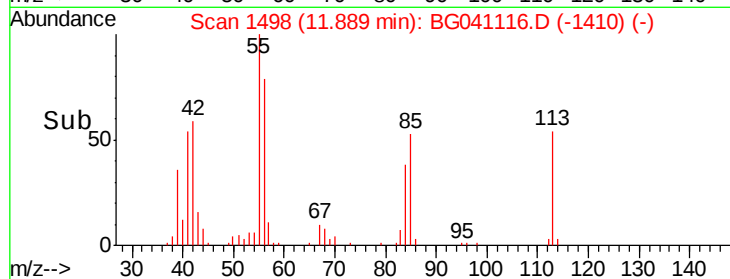
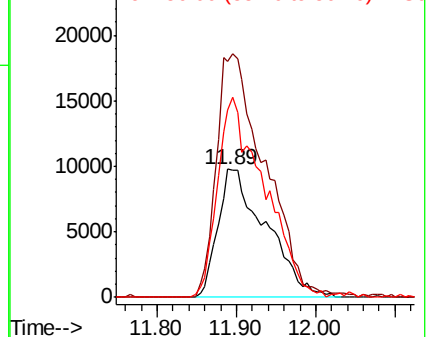


Abundance

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: 9.306 ng

RT: 12.19 min Scan# 1549

Delta R.T. -0.03 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

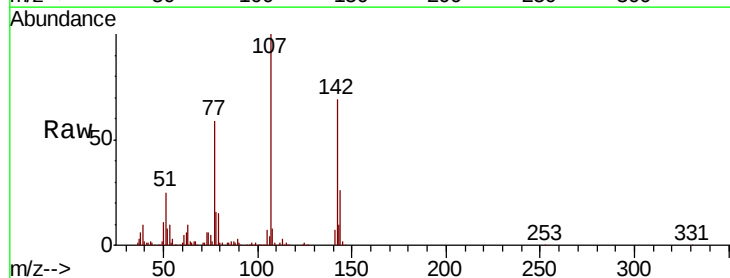
Tgt Ion:107 Resp: 147221

Ion Ratio Lower Upper

107 100

144 25.6 19.4 29.0

142 68.5 57.3 85.9

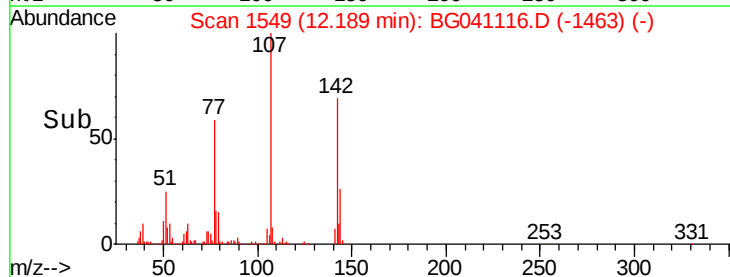
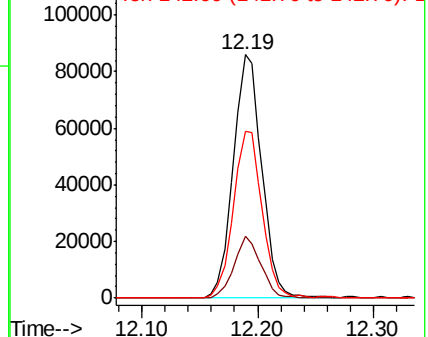


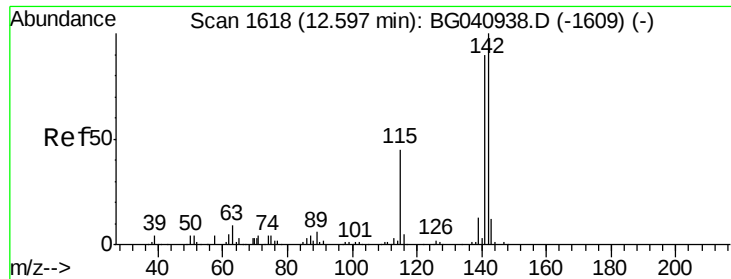
Abundance

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

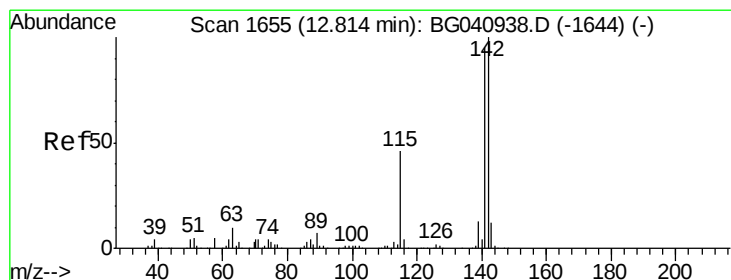
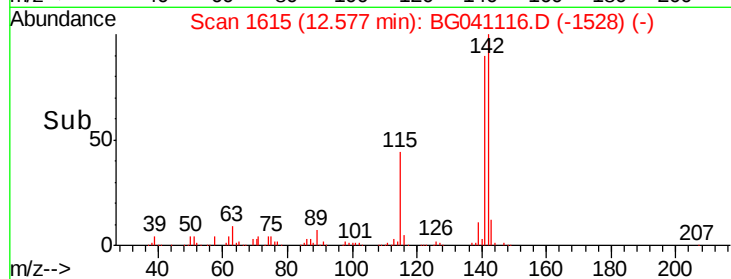
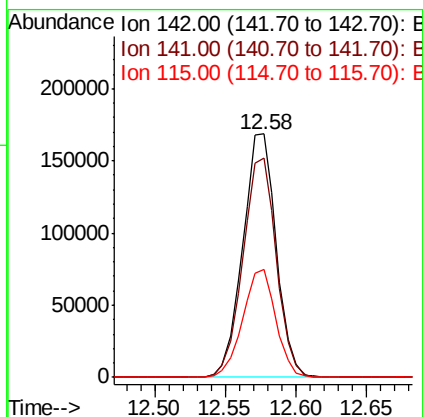
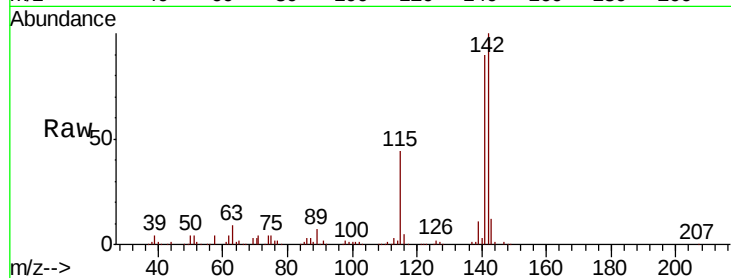




#37
 2-Methylnaphthalene
 Concen: 9.685 ng
 RT: 12.58 min Scan# 1615
 Delta R.T. -0.02 min
 Lab File: BG041116.D
 Acq: 8 Jun 2019 2:51

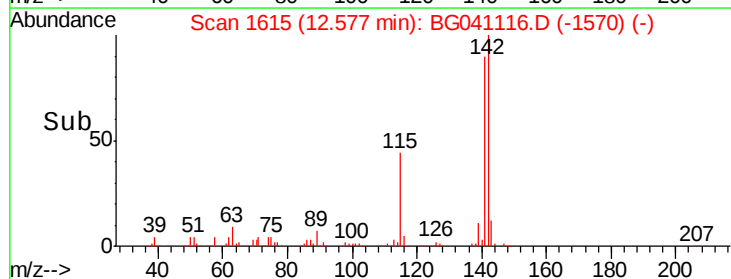
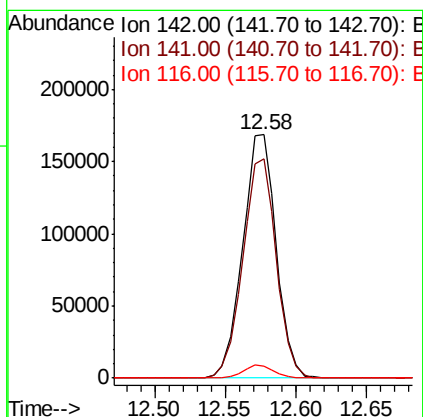
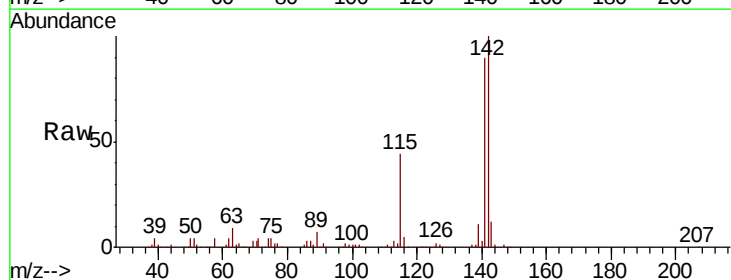
Instrument :
 BNA_G
 ClientSampleId :
 PB120423BS

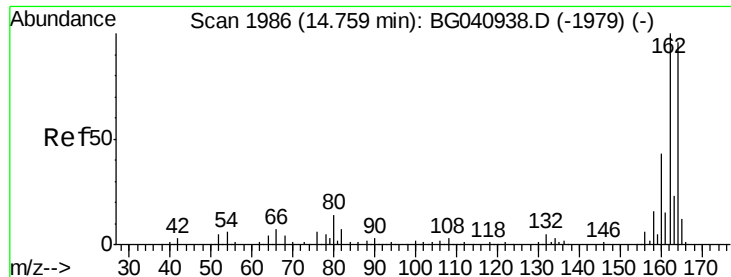
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.2	108.4
115	44.2	36.2	54.4



#38
 1-Methylnaphthalene
 Concen: 10.278 ng
 RT: 12.58 min Scan# 1615
 Delta R.T. -0.24 min
 Lab File: BG041116.D
 Acq: 8 Jun 2019 2:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	75.7	113.5
116	5.0	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.02 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

Instrument :

BNA_G

ClientSampleId :

PB120423BS

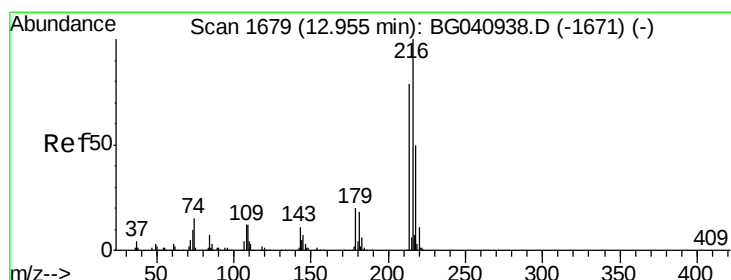
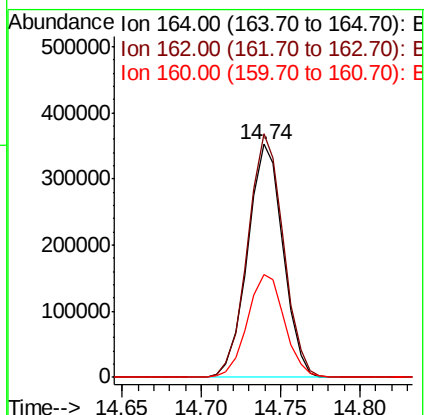
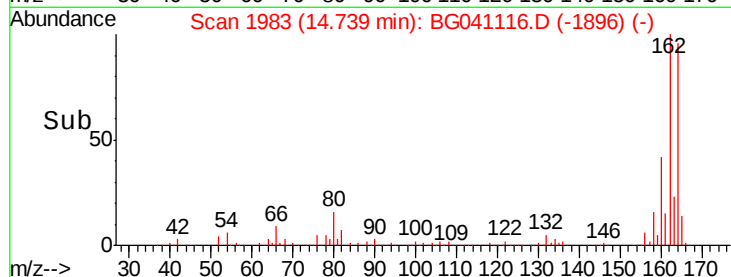
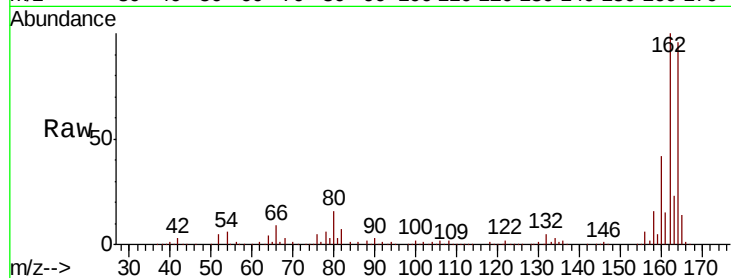
Tgt Ion:164 Resp: 547667

Ion Ratio Lower Upper

164 100

162 104.4 83.0 124.4

160 44.4 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.205 ng

RT: 12.94 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

Tgt Ion:216 Resp: 203197

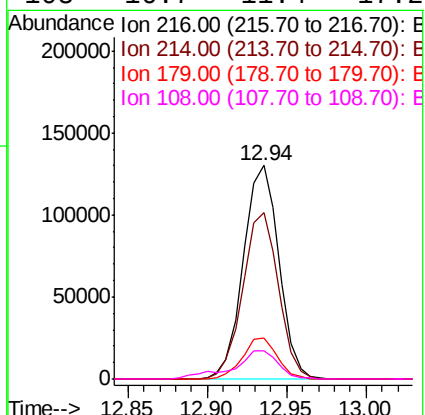
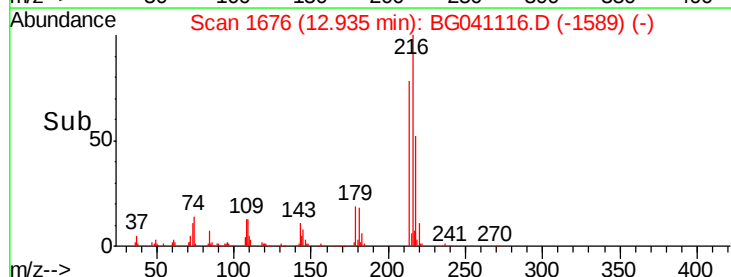
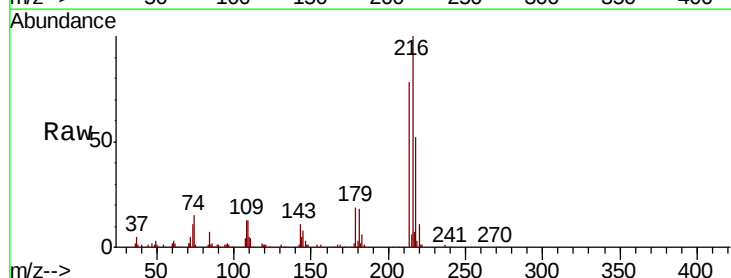
Ion Ratio Lower Upper

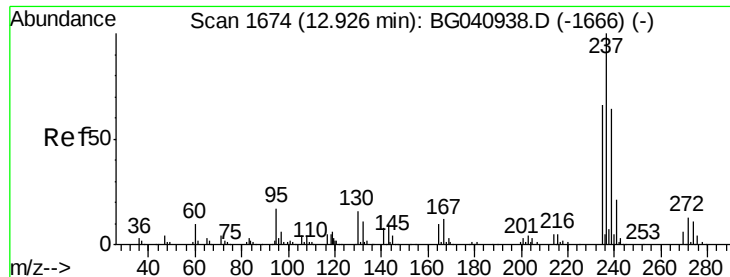
216 100

214 78.0 63.4 95.2

179 18.8 15.2 22.8

108 16.7 11.4 17.2





#41

Hexachlorocyclopentadiene

Concen: 27.977 ng

RT: 12.90 min Scan# 1670

Delta R.T. -0.02 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

Instrument :

BNA_G

ClientSampleId :

PB120423BS

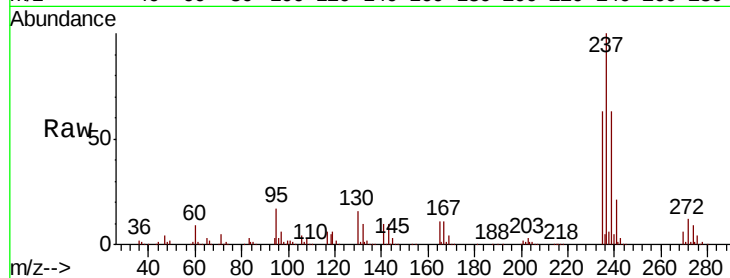
Tgt Ion: 237 Resp: 261126

Ion Ratio Lower Upper

237 100

235 63.1 45.5 85.5

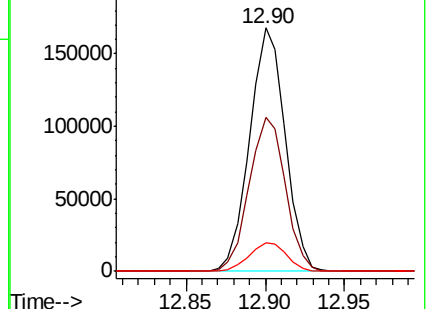
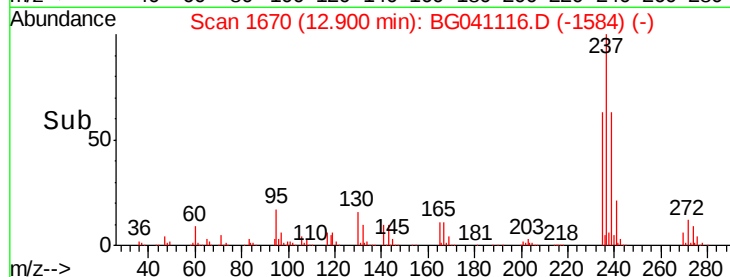
272 11.9 0.0 32.9



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: 121.693 ng

RT: 16.24 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

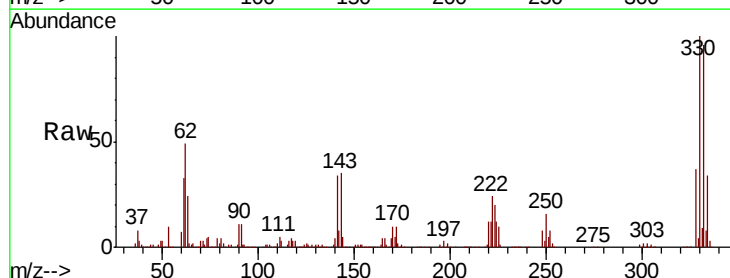
Tgt Ion: 330 Resp: 989424

Ion Ratio Lower Upper

330 100

332 96.3 78.5 117.7

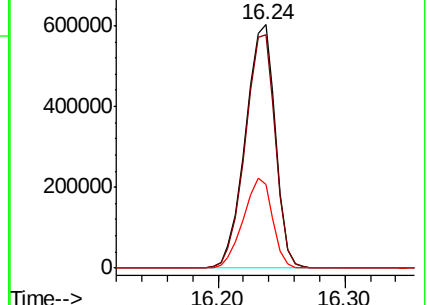
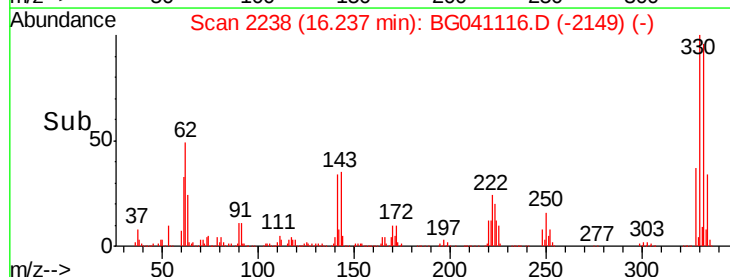
141 36.1 28.7 43.1



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

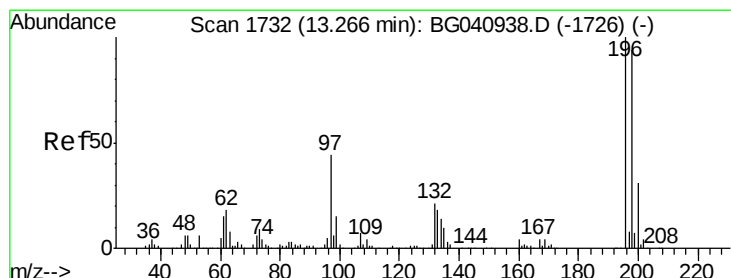
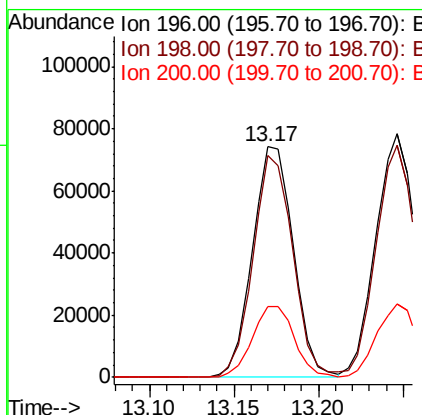
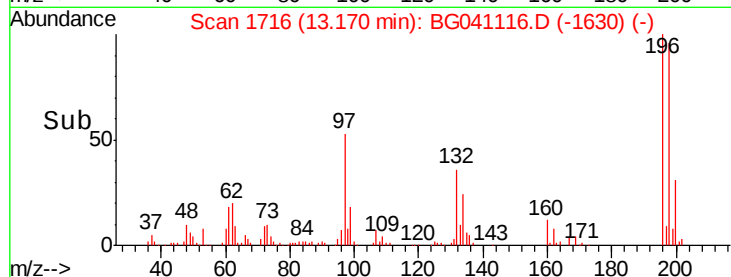
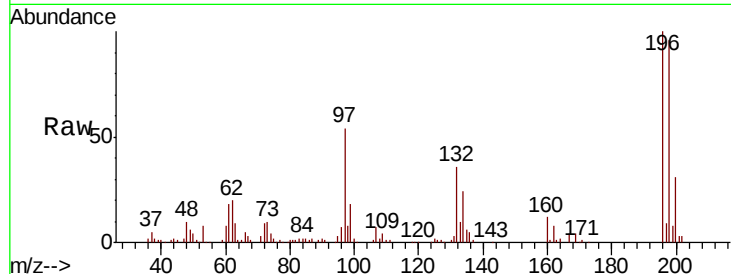




#43
 2,4,6-Trichlorophenol
 Concen: 8.746 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.03 min
 Lab File: BG041116.D
 Acq: 8 Jun 2019 2:51

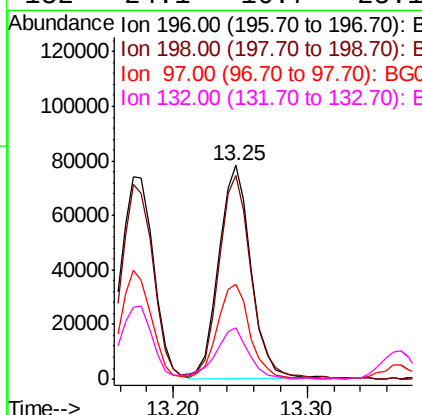
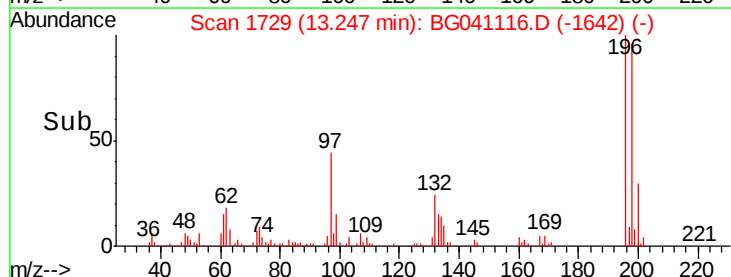
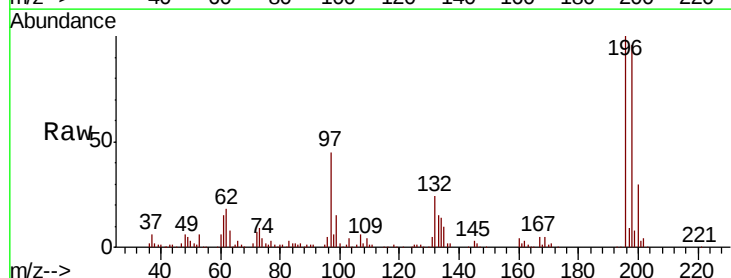
Instrument :
 BNA_G
 ClientSampleId :
 PB120423BS

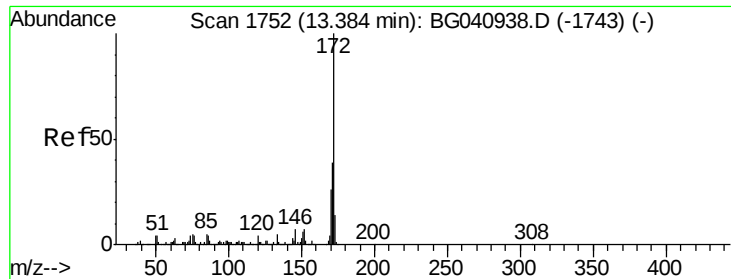
Tgt Ion:196 Resp: 124888
 Ion Ratio Lower Upper
 196 100
 198 96.4 73.8 110.6
 200 30.8 24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 8.733 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BG041116.D
 Acq: 8 Jun 2019 2:51

Tgt Ion:196 Resp: 131522
 Ion Ratio Lower Upper
 196 100
 198 95.6 75.1 112.7
 97 44.5 35.6 53.4
 132 24.1 16.7 25.1

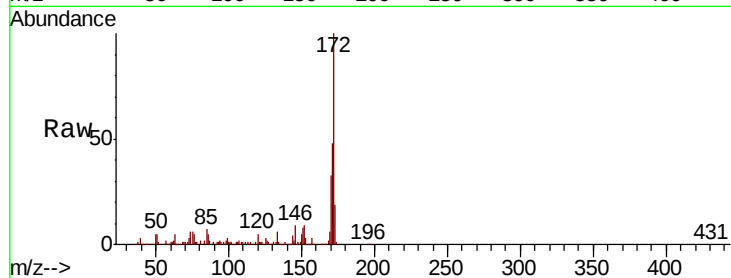




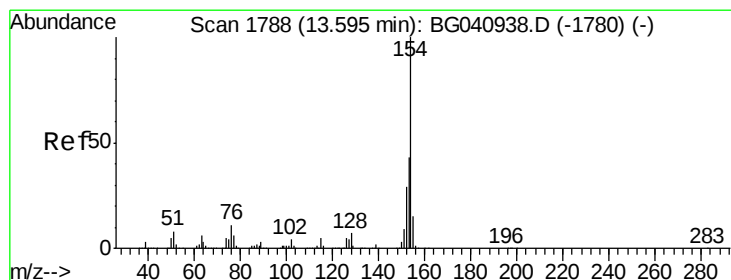
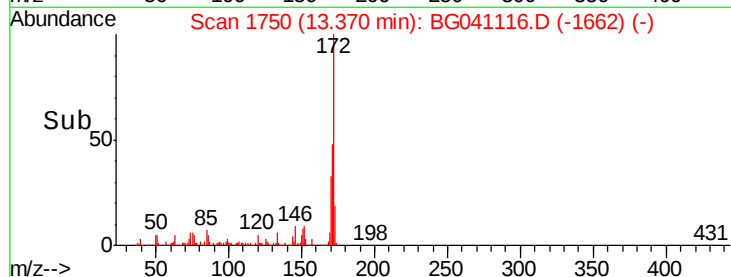
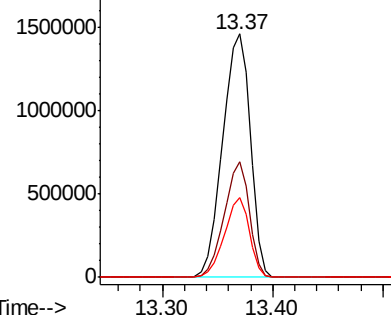
#45
 2-Fluorobiphenyl
 Concen: 67.751 ng
 RT: 13.37 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG041116.D
 Acq: 8 Jun 2019 2:51

Instrument :
 BNA_G
 ClientSampleId :
 PB120423BS

Tgt Ion:172 Resp: 2576547
 Ion Ratio Lower Upper
 172 100
 171 47.7 31.1 46.7#
 170 33.0 20.5 30.7#

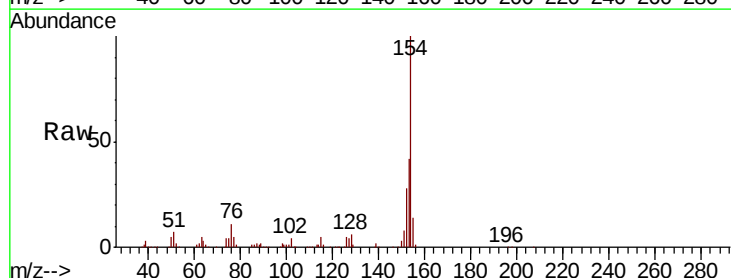


Abundance Ion 172.00 (171.70 to 172.70): E
 2000000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

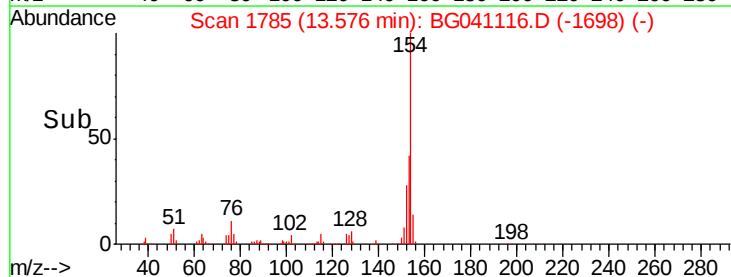
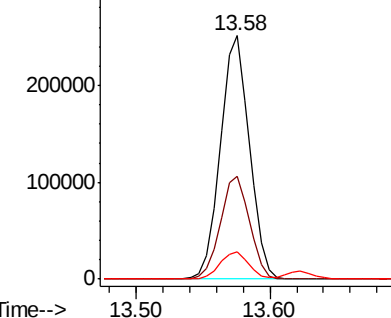


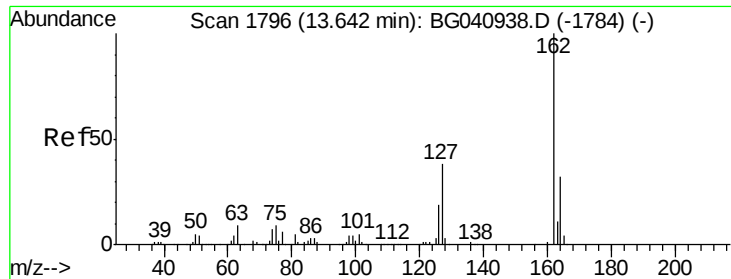
#46
 1,1'-Biphenyl
 Concen: 9.310 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.02 min
 Lab File: BG041116.D
 Acq: 8 Jun 2019 2:51

Tgt Ion:154 Resp: 377426
 Ion Ratio Lower Upper
 154 100
 153 42.2 23.3 63.3
 76 11.1 0.0 31.1



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG

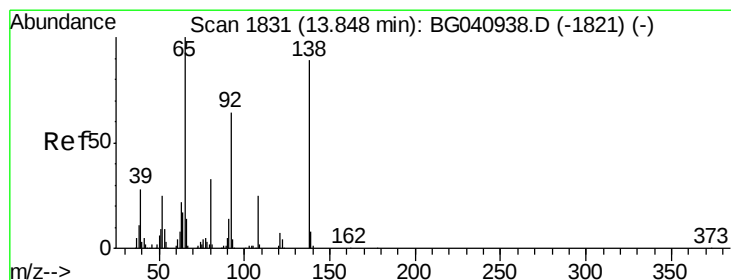
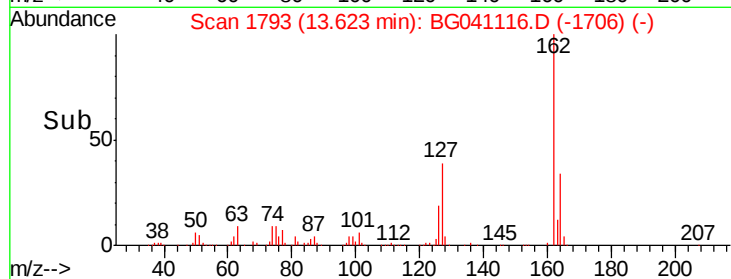
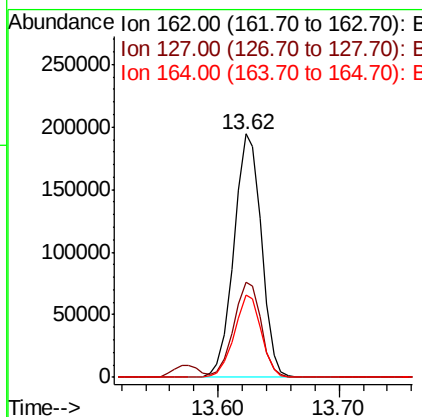
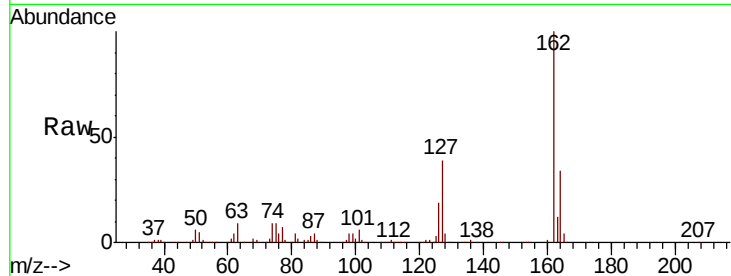




#47
 2-Chloronaphthalene
 Concen: 8.845 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG041116.D
 Acq: 8 Jun 2019 2:51

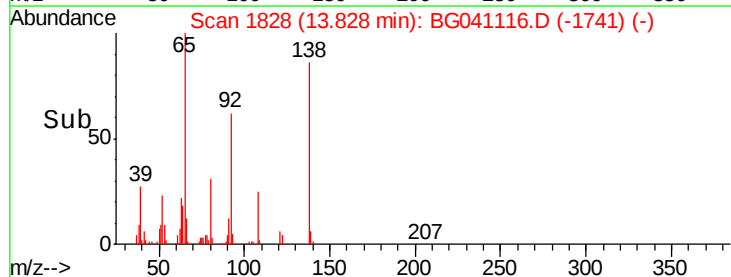
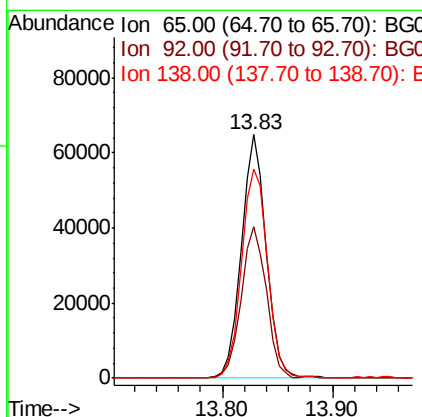
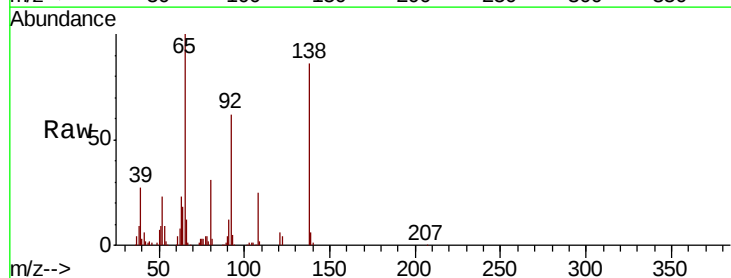
Instrument :
 BNA_G
 ClientSampleId :
 PB120423BS

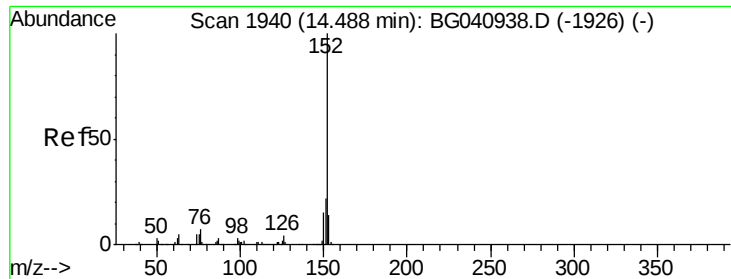
Tgt Ion: 162 Resp: 307822
 Ion Ratio Lower Upper
 162 100
 127 39.2 30.5 45.7
 164 34.0 25.8 38.6



#48
 2-Nitroaniline
 Concen: 8.205 ng
 RT: 13.83 min Scan# 1828
 Delta R.T. -0.02 min
 Lab File: BG041116.D
 Acq: 8 Jun 2019 2:51

Tgt Ion: 65 Resp: 102441
 Ion Ratio Lower Upper
 65 100
 92 62.1 51.0 76.6
 138 85.8 71.2 106.8





#49

Acenaphthylene

Concen: 9.142 ng

RT: 14.46 min Scan# 1936

Delta R.T. -0.03 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

Instrument :

BNA_G

ClientSampleId :

PB120423BS

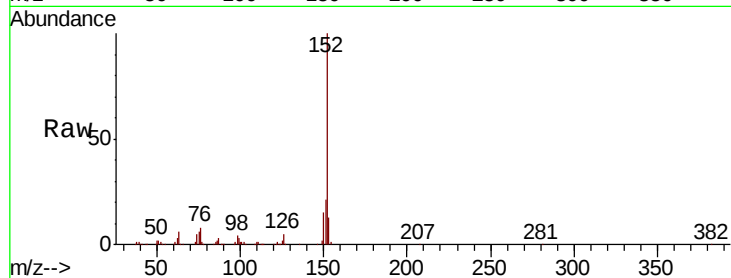
Tgt Ion:152 Resp: 478878

Ion Ratio Lower Upper

152 100

151 20.8 17.4 26.0

153 13.3 11.0 16.4

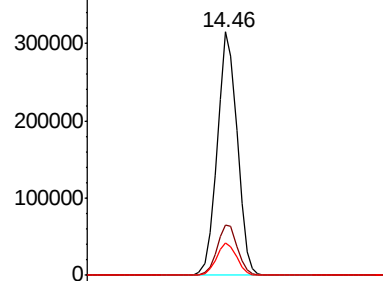


Abundance

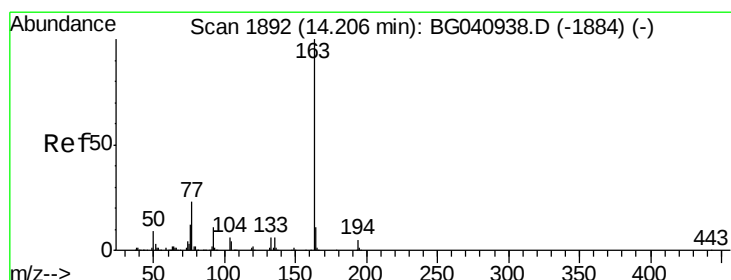
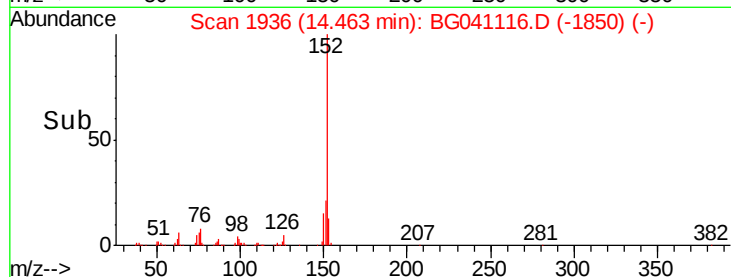
Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Dimethylphthalate

Concen: 8.638 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.02 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

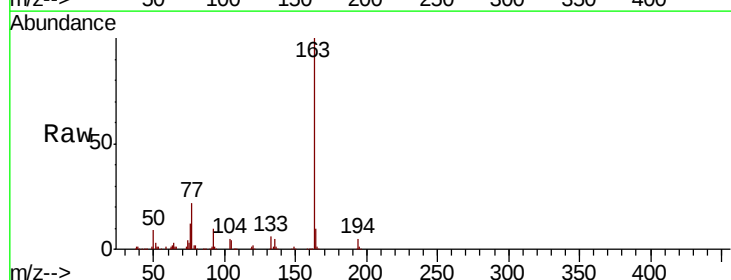
Tgt Ion:163 Resp: 400481

Ion Ratio Lower Upper

163 100

194 5.0 3.8 5.8

164 10.4 8.7 13.1

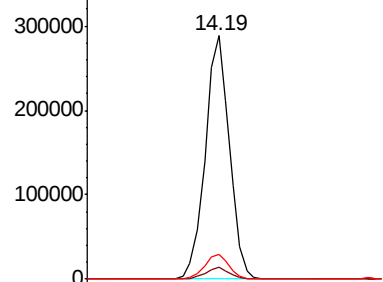


Abundance

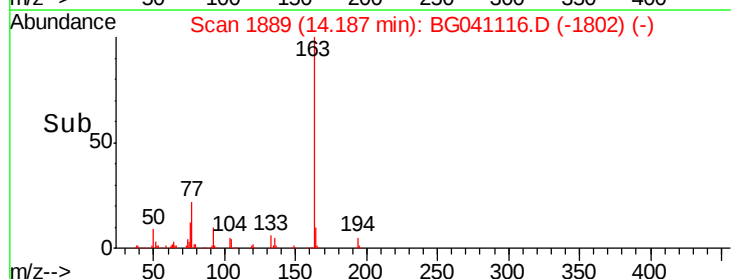
Ion 163.00 (162.70 to 163.70): E

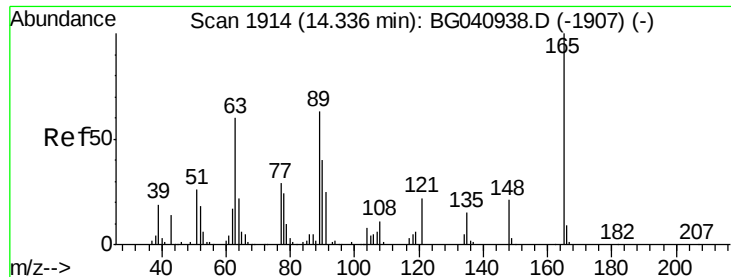
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->





#51

2,6-Dinitrotoluene

Concen: 8.608 ng

RT: 14.32 min Scan# 1911

Delta R.T. -0.02 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

Instrument :

BNA_G

ClientSampleId :

PB120423BS

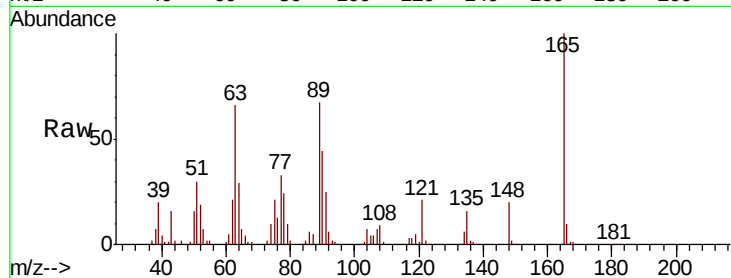
Tgt Ion:165 Resp: 86041

Ion Ratio Lower Upper

165 100

63 66.1 53.6 80.4

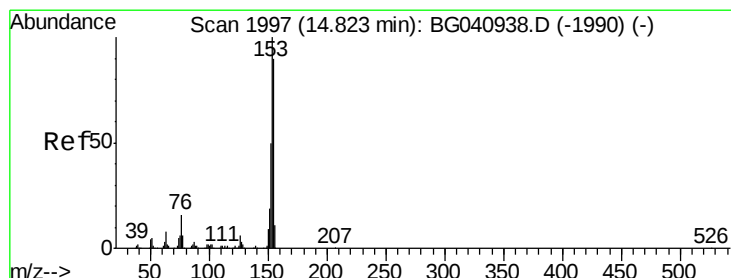
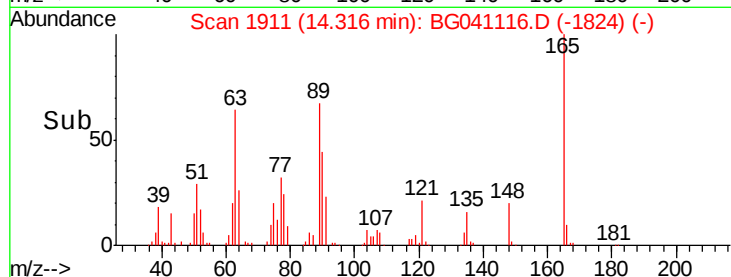
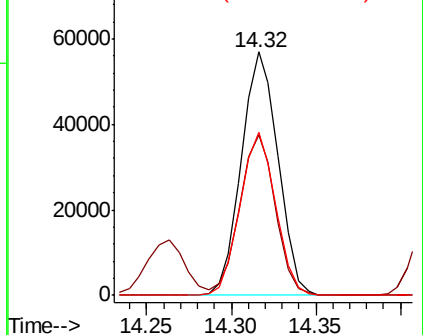
89 66.9 50.4 75.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 8.654 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

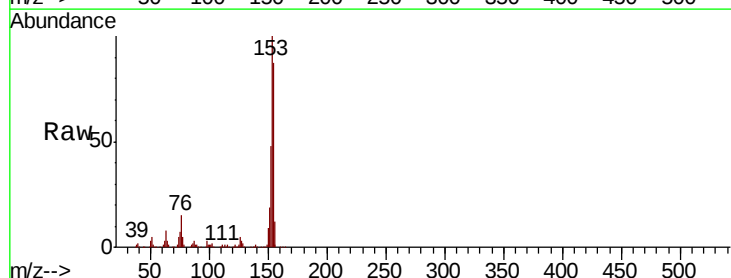
Tgt Ion:154 Resp: 274607

Ion Ratio Lower Upper

154 100

153 115.2 88.6 133.0

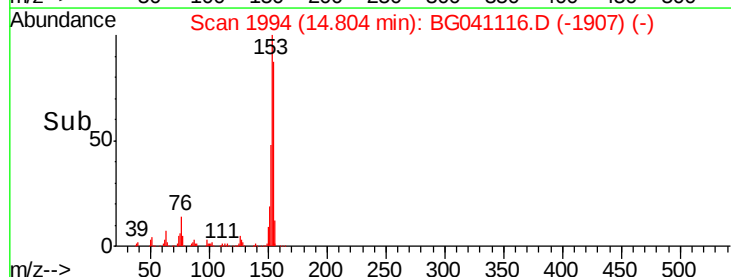
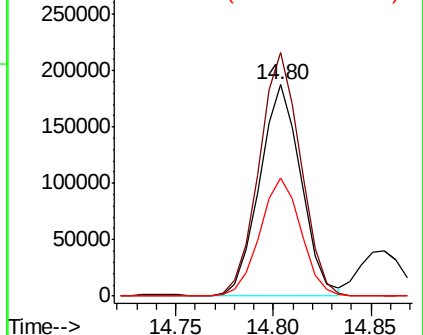
152 55.7 44.2 66.4

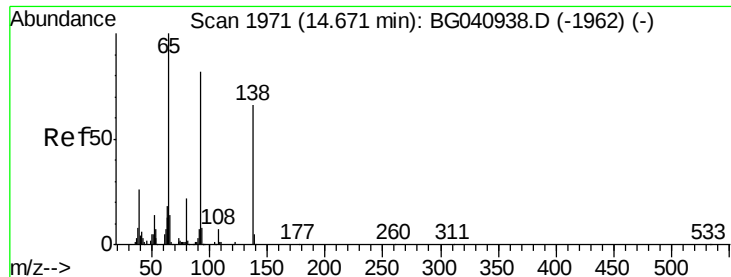


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

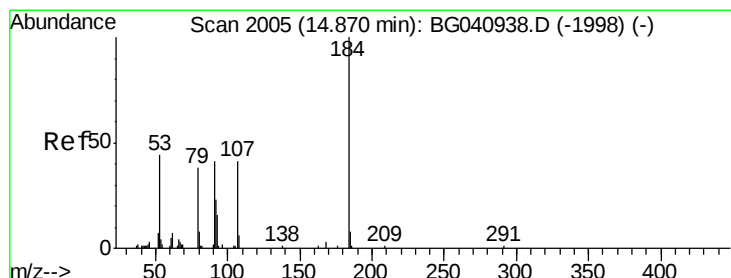
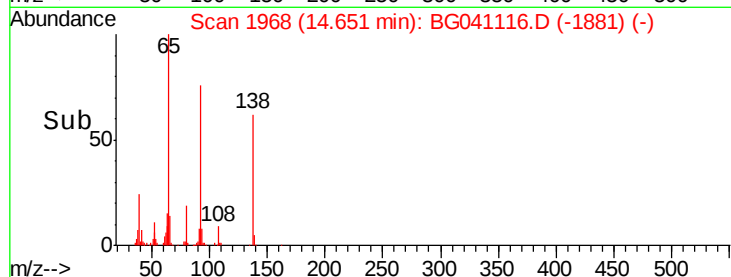
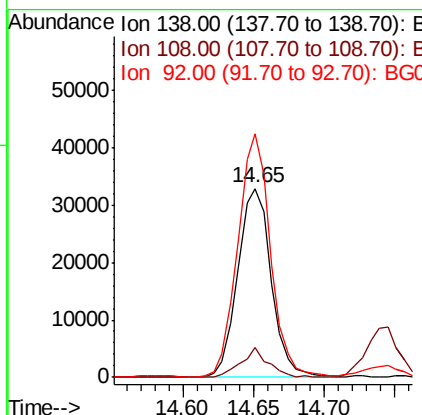
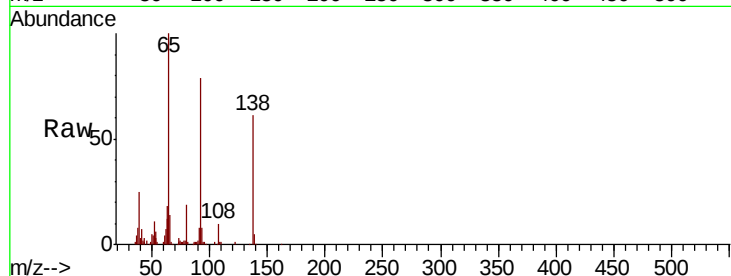




#53
 3-Nitroaniline
 Concen: 5.447 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.02 min
 Lab File: BG041116.D
 Acq: 8 Jun 2019 2:51

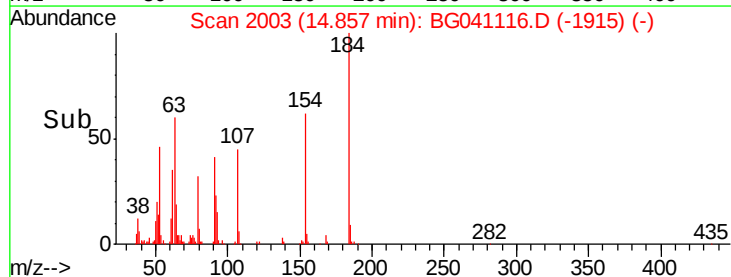
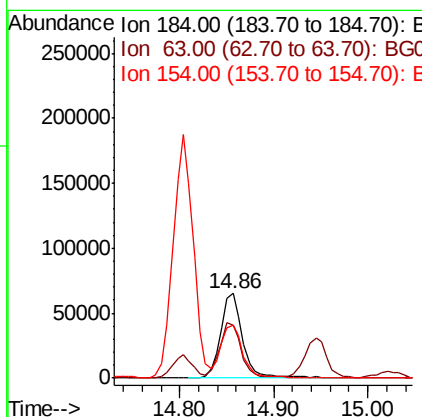
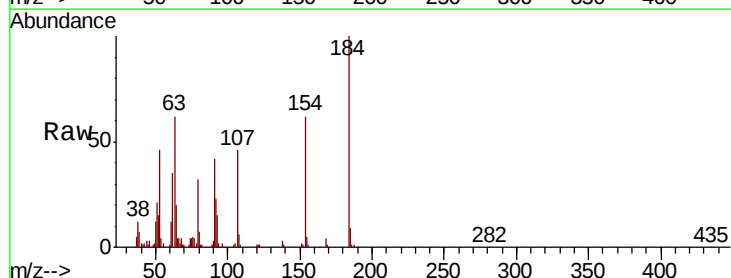
Instrument :
 BNA_G
 ClientSampleId :
 PB120423BS

Tgt Ion:138 Resp: 54447
 Ion Ratio Lower Upper
 138 100
 108 15.7 8.5 12.7#
 92 128.9 99.0 148.6



#54
 2,4-Dinitrophenol
 Concen: 31.179 ng
 RT: 14.86 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BG041116.D
 Acq: 8 Jun 2019 2:51

Tgt Ion:184 Resp: 106515
 Ion Ratio Lower Upper
 184 100
 63 62.1 49.8 74.6
 154 62.3 52.2 78.4





#55

Dibenzofuran

Concen: 9.102 ng

RT: 15.13 min Scan# 2050

Delta R.T. -0.02 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

Instrument :

BNA_G

ClientSampleId :

PB120423BS

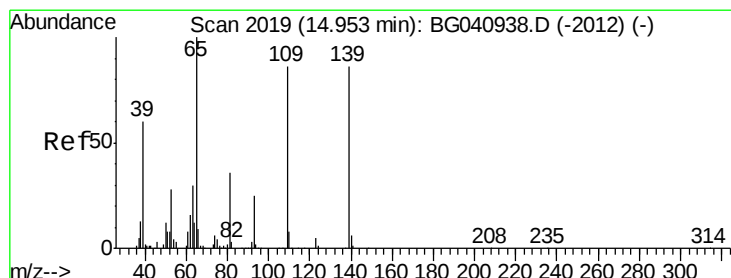
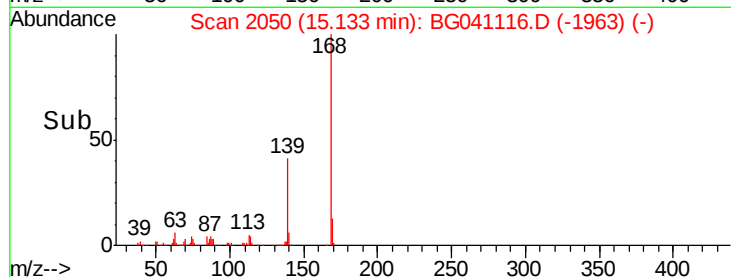
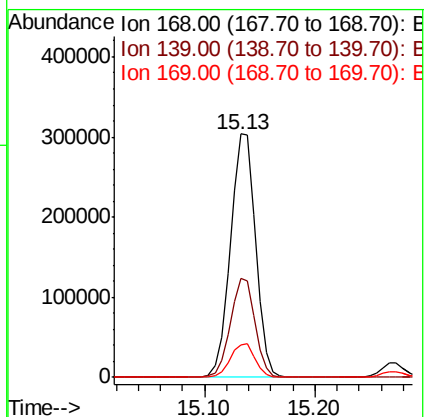
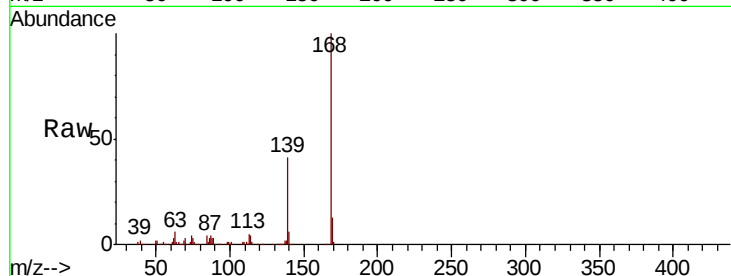
Tgt Ion:168 Resp: 485995

Ion Ratio Lower Upper

168 100

139 40.7 32.8 49.2

169 13.5 11.3 16.9



#56

4-Nitrophenol

Concen: 18.496 ng

RT: 14.94 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

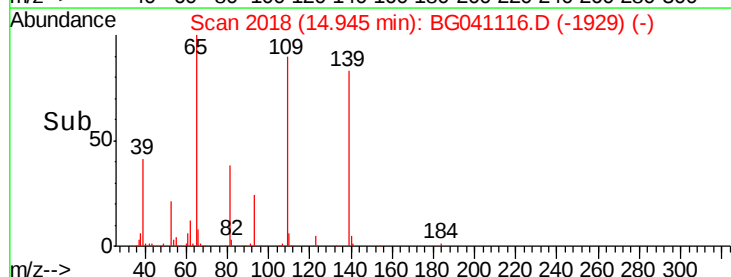
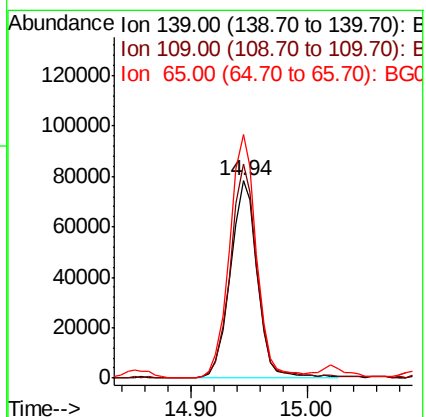
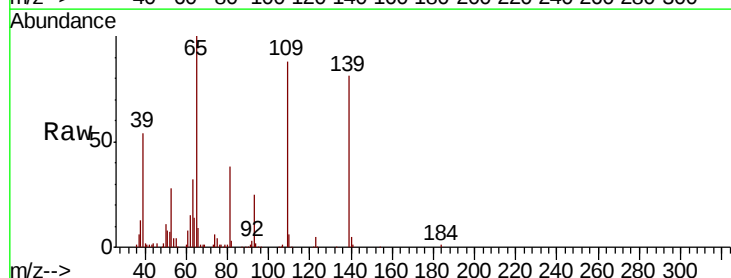
Tgt Ion:139 Resp: 126807

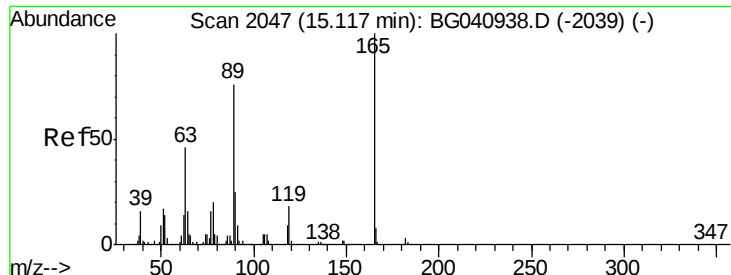
Ion Ratio Lower Upper

139 100

109 108.4 79.6 119.6

65 123.4 96.9 136.9

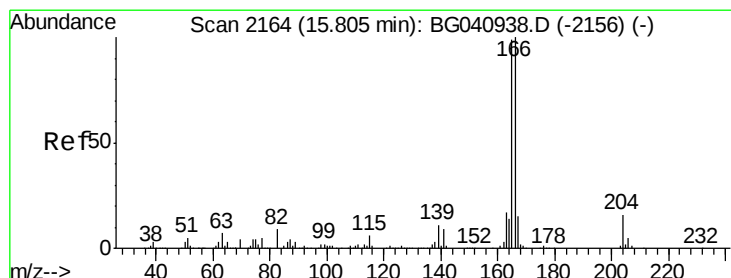
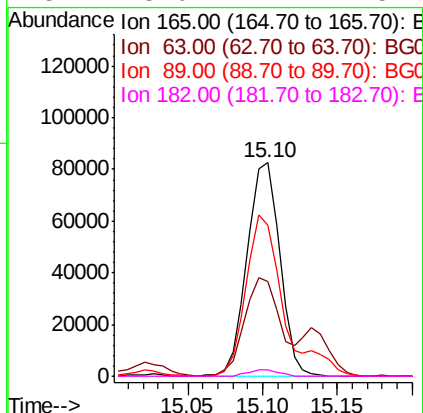
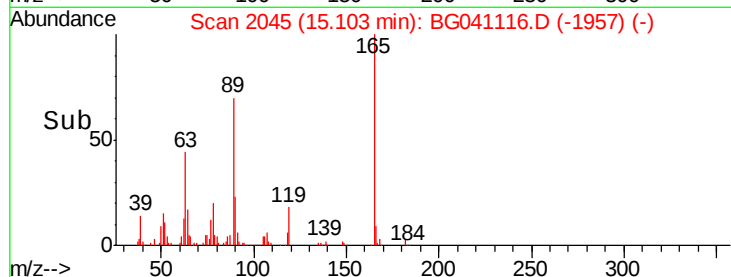
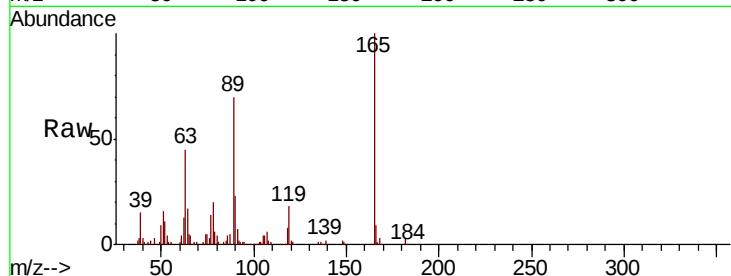




#57
2,4-Dinitrotoluene
Concen: 8.876 ng
RT: 15.10 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

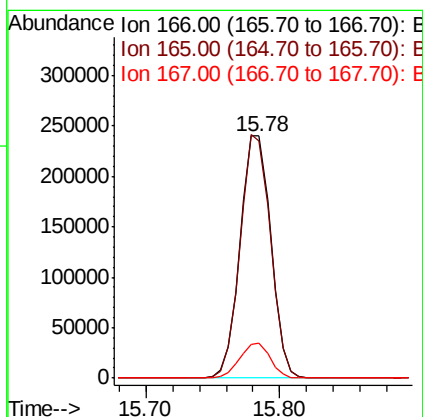
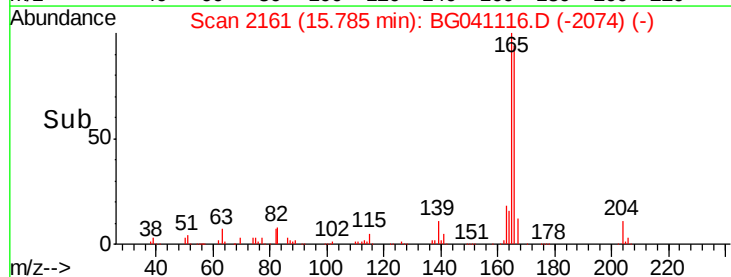
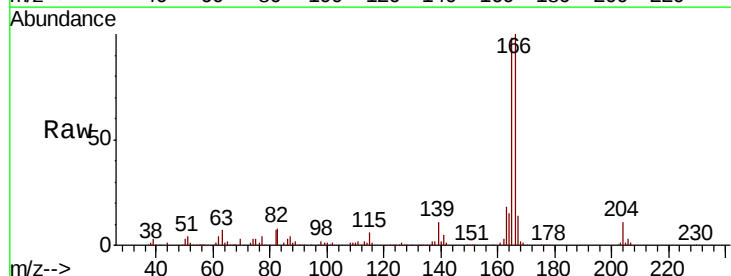
Instrument :
BNA_G
ClientSampleId :
PB120423BS

Tgt Ion:165 Resp: 125321
Ion Ratio Lower Upper
165 100
63 44.6 37.3 55.9
89 70.5 61.0 91.6
182 3.0 2.2 3.2



#58
Fluorene
Concen: 8.982 ng
RT: 15.78 min Scan# 2161
Delta R.T. -0.02 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Tgt Ion:166 Resp: 381913
Ion Ratio Lower Upper
166 100
165 98.0 79.2 118.8
167 14.4 11.8 17.6

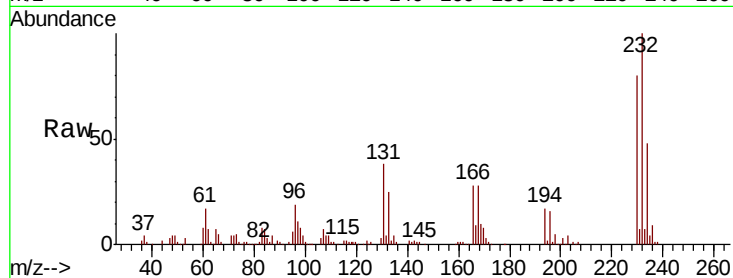




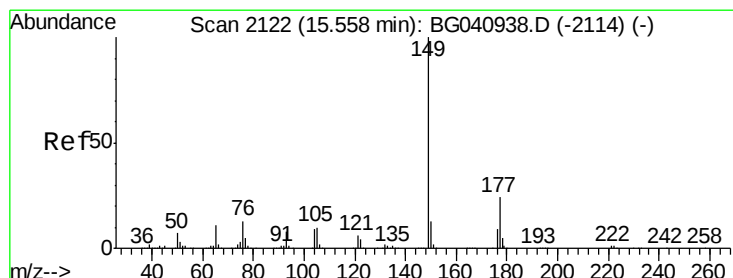
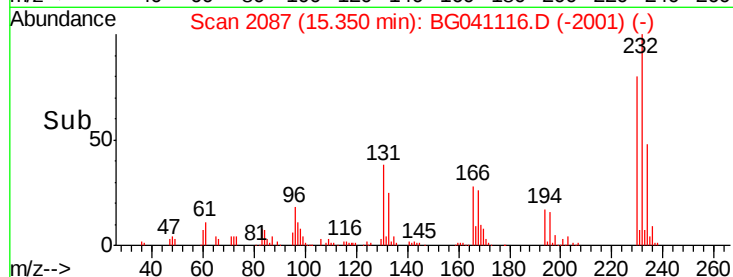
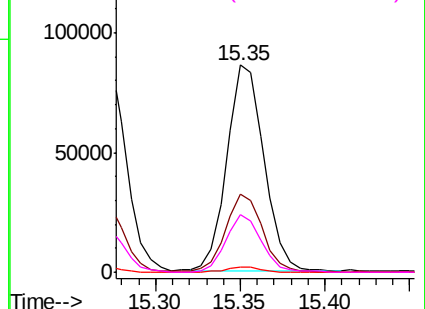
#59
2,3,4,6-Tetrachlorophenol
Concen: 8.872 ng
RT: 15.35 min Scan# 2087
Delta R.T. -0.03 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Instrument :
BNA_G
ClientSampleId :
PB120423BS

Tgt Ion:	232	Resp:	131313
Ion	Ratio	Lower	Upper
232	100		
131	37.3	30.3	45.5
130	2.6	1.8	2.8
166	27.2	21.3	31.9

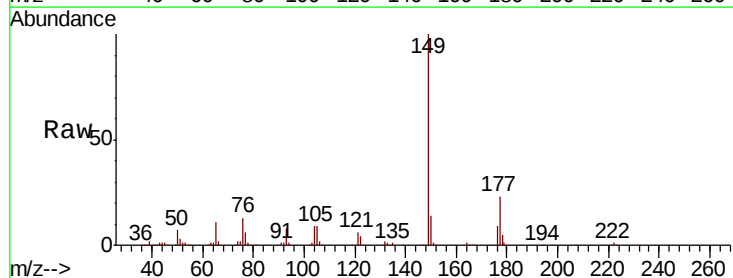


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

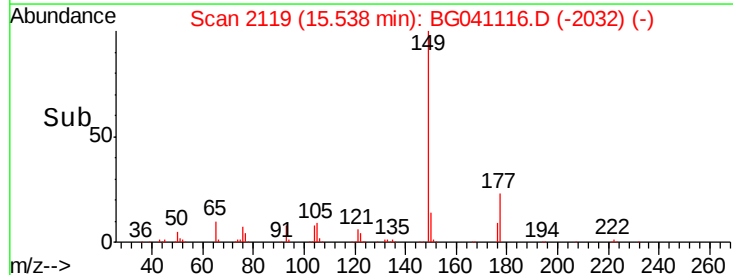
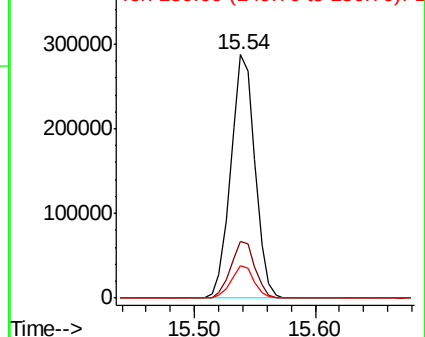


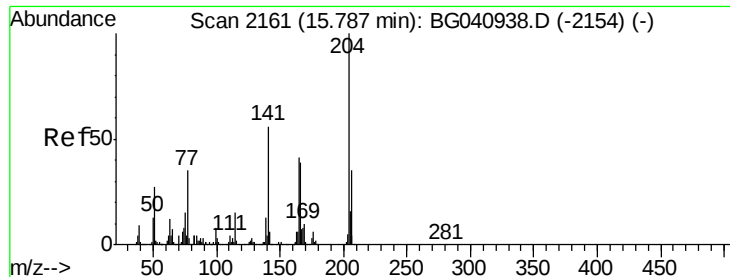
#60
Diethylphthalate
Concen: 8.420 ng
RT: 15.54 min Scan# 2119
Delta R.T. -0.02 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Tgt Ion:	149	Resp:	398366
Ion	Ratio	Lower	Upper
149	100		
177	23.3	19.4	29.0
150	13.5	10.3	15.5



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

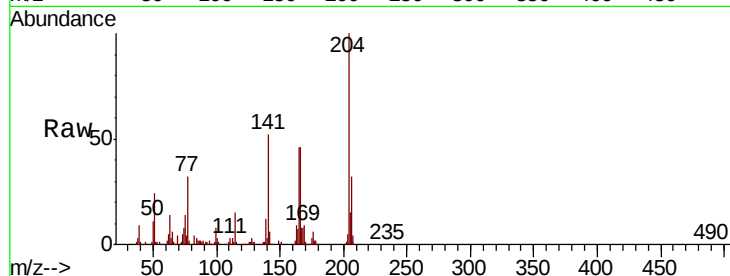




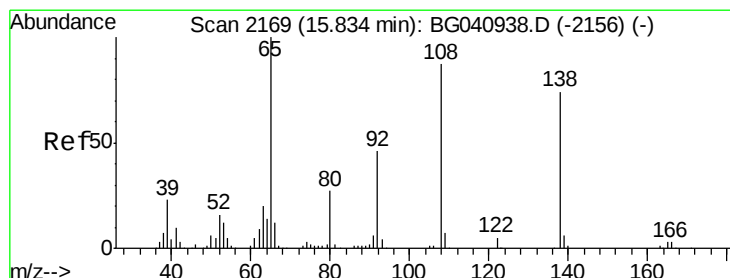
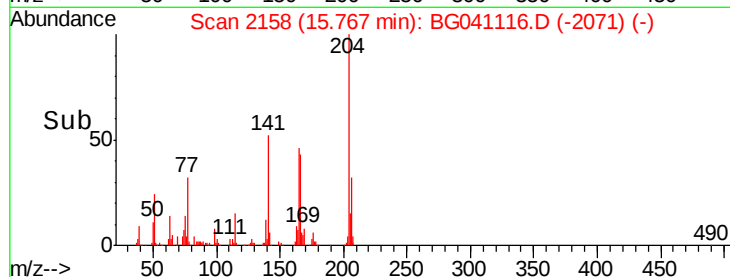
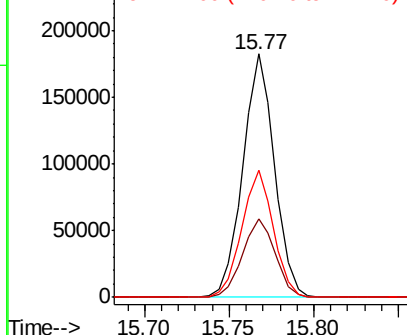
#61
 4-Chlorophenyl-phenylether
 Concen: 8.589 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. -0.02 min
 Lab File: BG041116.D
 Acq: 8 Jun 2019 2:51

Instrument :
 BNA_G
 ClientSampleId :
 PB120423BS

Tgt Ion: 204 Resp: 237374
 Ion Ratio Lower Upper
 204 100
 206 32.3 27.6 41.4
 141 52.0 45.1 67.7

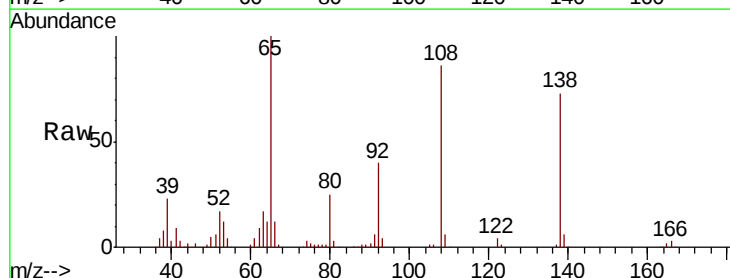


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

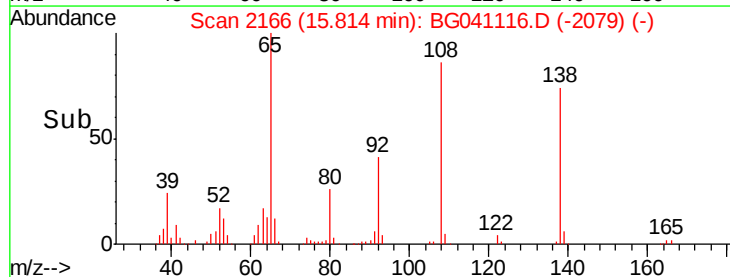
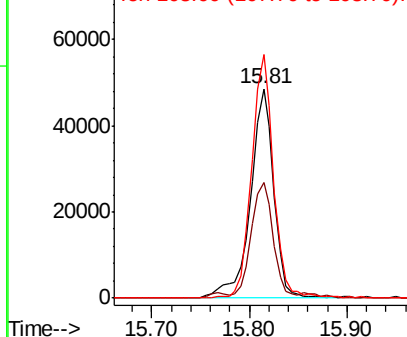


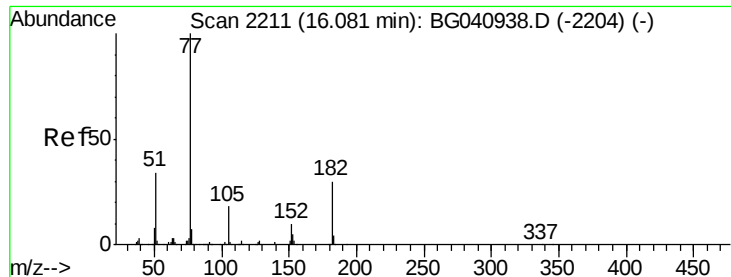
#62
 4-Nitroaniline
 Concen: 7.733 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. -0.02 min
 Lab File: BG041116.D
 Acq: 8 Jun 2019 2:51

Tgt Ion: 138 Resp: 81826
 Ion Ratio Lower Upper
 138 100
 92 55.1 42.4 82.4
 108 116.5 96.9 136.9



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

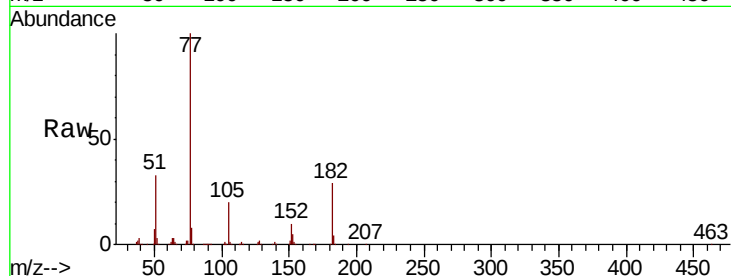




#63
Azobenzene
Concen: 8.793 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Instrument :
BNA_G
ClientSampleId :
PB120423BS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.9	9.6	49.6
105	19.8	0.0	37.5
51	33.3	13.7	53.7



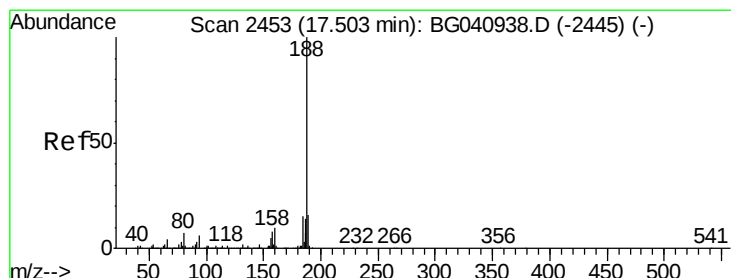
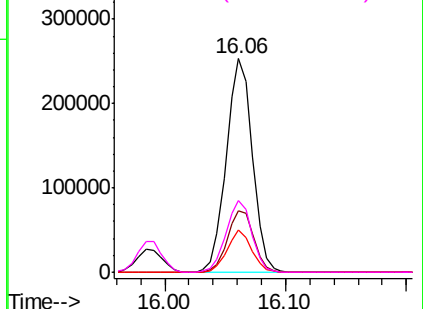
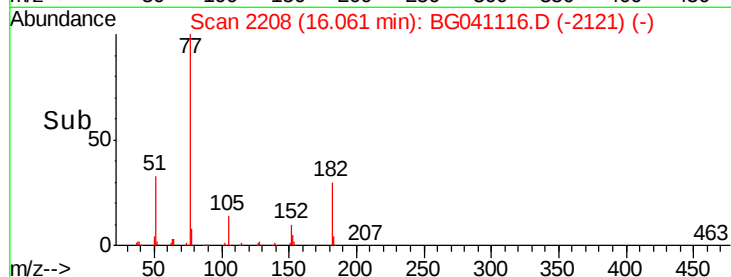
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

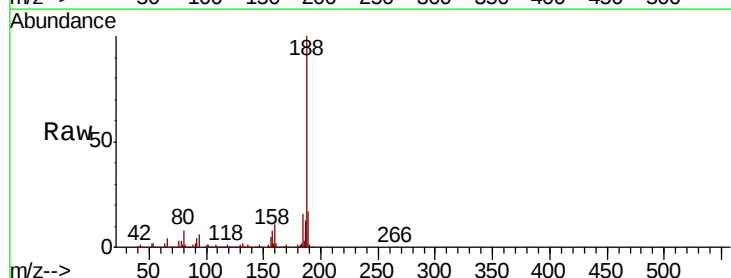
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.02 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.3	4.7	7.1
80	7.6	5.8	8.8

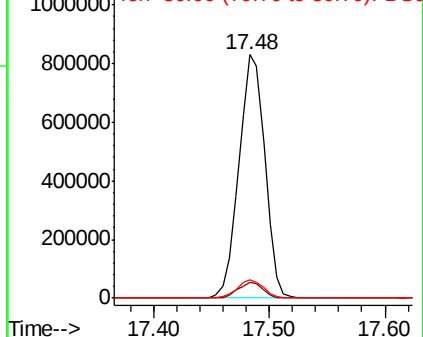
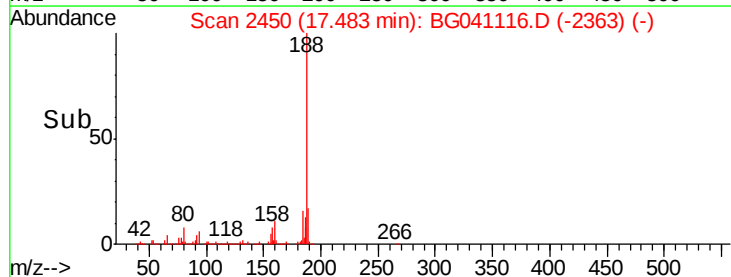


Abundance

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: 17.321 ng

RT: 15.86 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

Instrument :

BNA_G

ClientSampleId :

PB120423BS

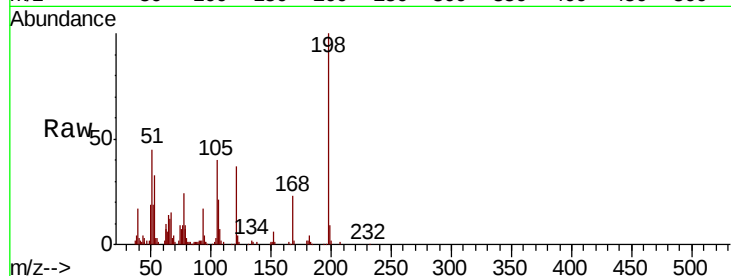
Tgt Ion:198 Resp: 73644

Ion Ratio Lower Upper

198 100

51 44.8 21.6 61.6

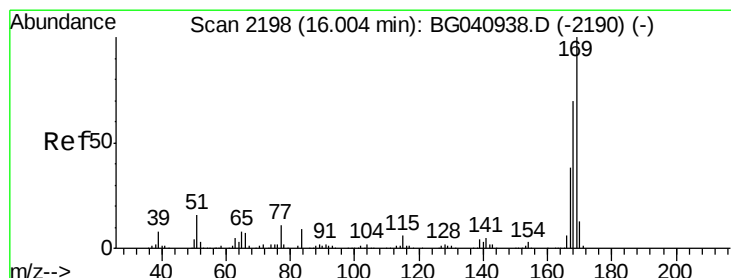
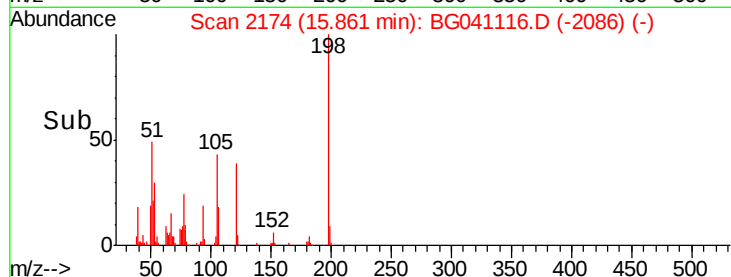
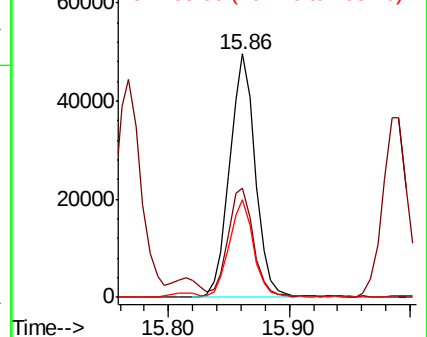
105 40.0 17.5 57.5



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: 9.197 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

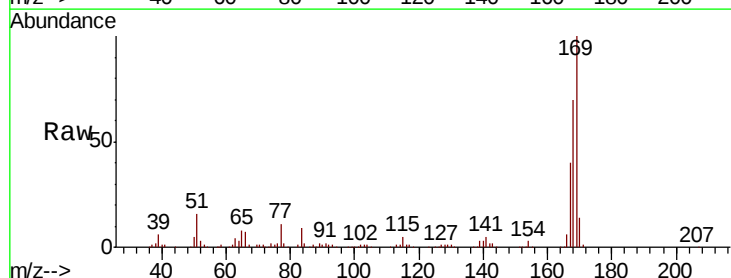
Tgt Ion:169 Resp: 334105

Ion Ratio Lower Upper

169 100

168 70.3 55.7 83.5

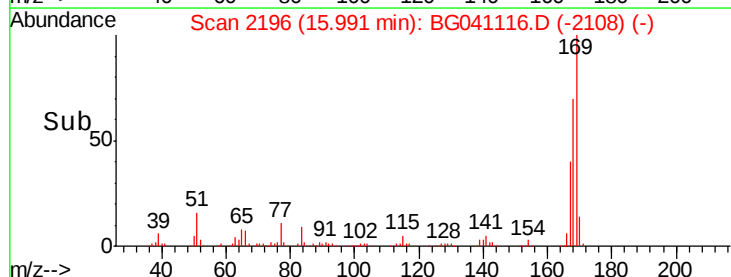
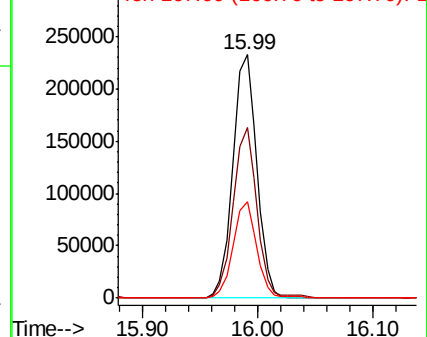
167 39.7 30.2 45.2



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

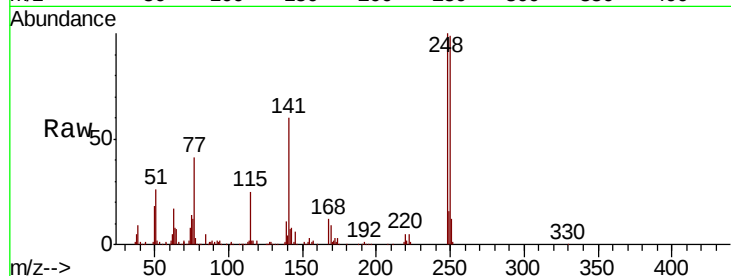




#67
4-Bromophenyl-phenylether
Concen: 8.807 ng
RT: 16.67 min Scan# 2311
Delta R.T. -0.02 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Instrument :
BNA_G
ClientSampleId :
PB120423BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.8	75.0	112.4
141	60.4	52.4	78.6

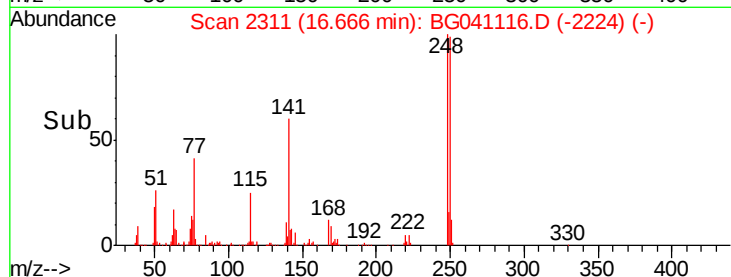
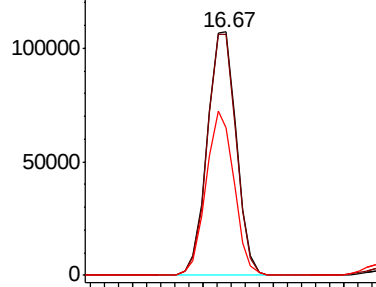


Abundance

Ion 248.00 (247.70 to 248.70): E

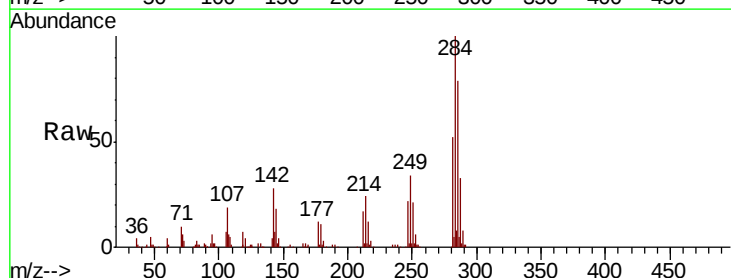
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 8.747 ng
RT: 16.78 min Scan# 2330
Delta R.T. -0.02 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.3	23.9	35.9
249	34.1	26.8	40.2

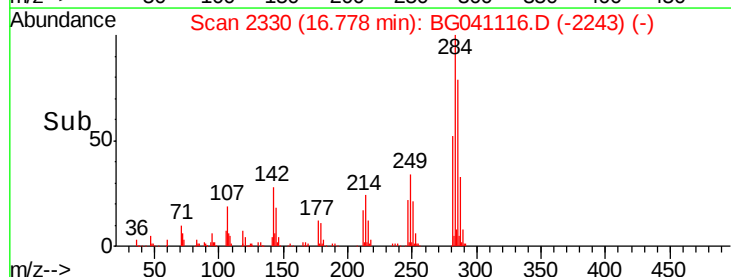
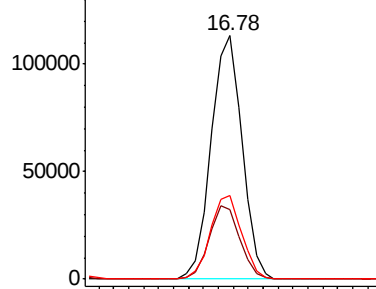


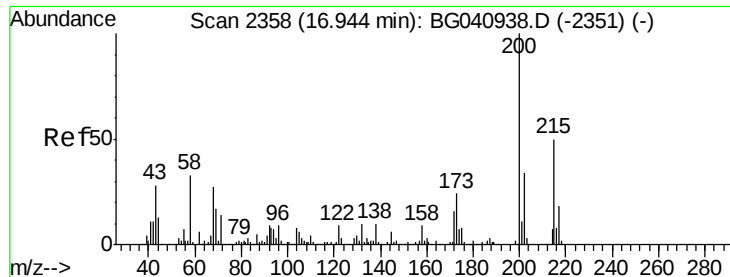
Abundance

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: 9.877 ng

RT: 16.92 min Scan# 2355

Delta R.T. -0.02 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

Instrument :

BNA_G

ClientSampleId :

PB120423BS

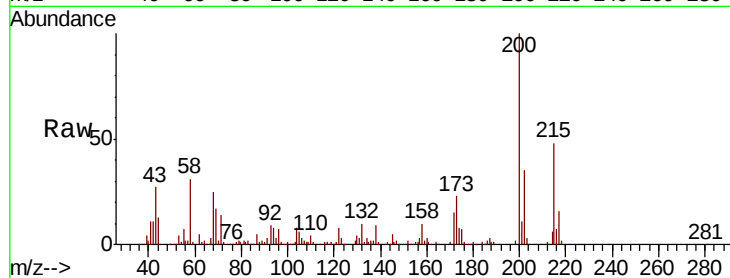
Tgt Ion:200 Resp: 138455

Ion Ratio Lower Upper

200 100

173 23.0 3.6 43.6

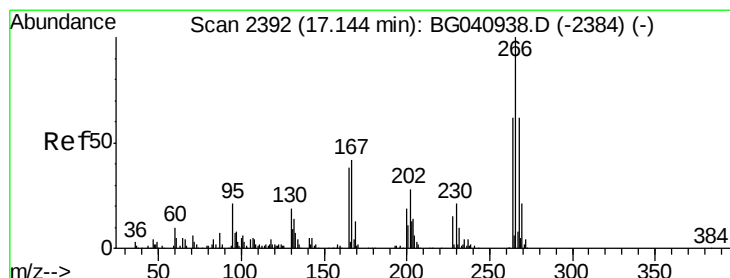
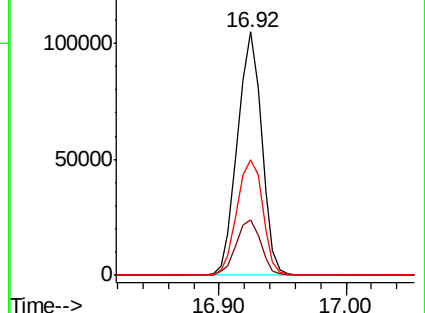
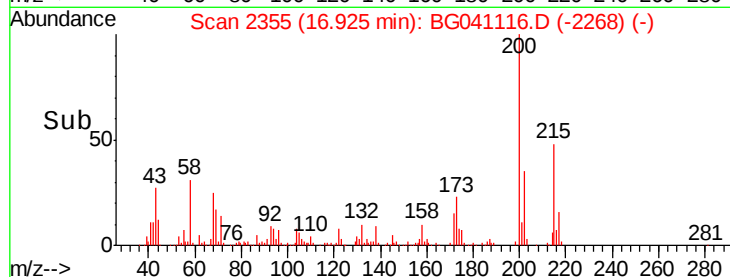
215 47.7 29.6 69.6



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: 21.666 ng

RT: 17.12 min Scan# 2389

Delta R.T. -0.02 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

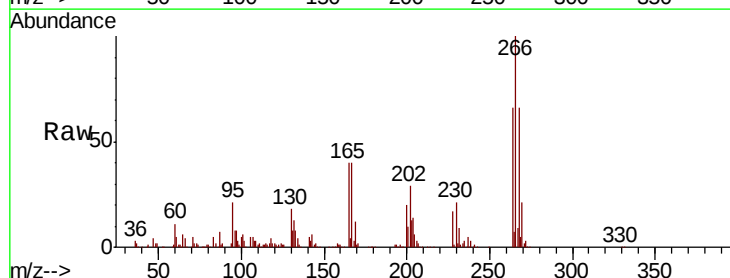
Tgt Ion:266 Resp: 182938

Ion Ratio Lower Upper

266 100

268 66.2 53.1 79.7

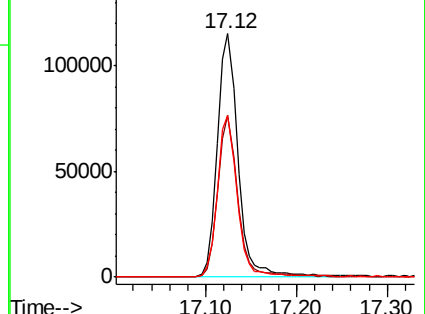
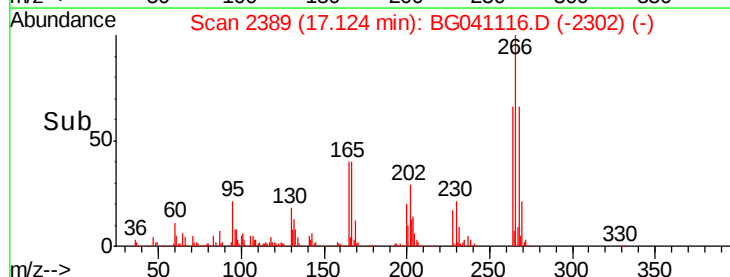
264 66.2 49.9 74.9



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

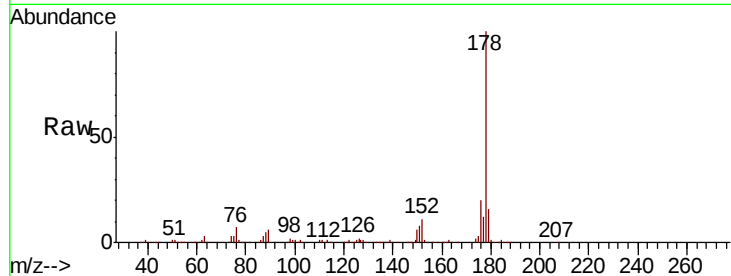




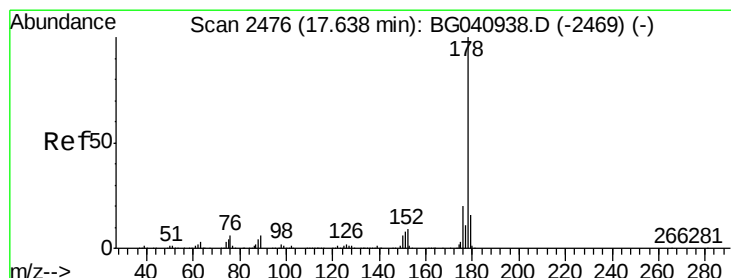
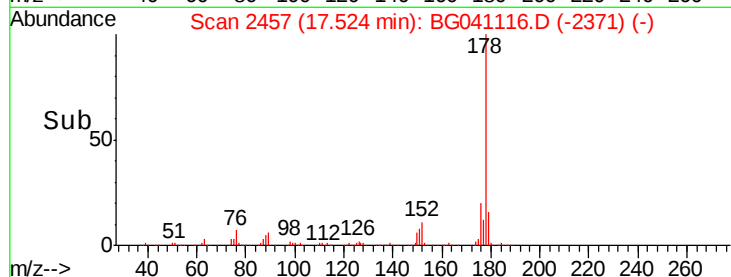
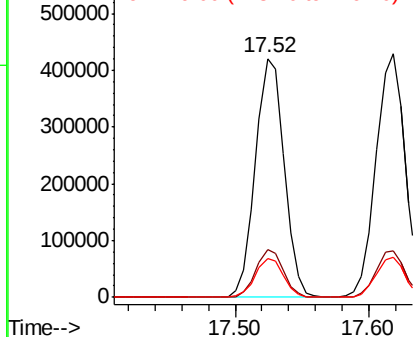
#71
Phenanthrene
Concen: 9.266 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.03 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Instrument :
BNA_G
ClientSampleId :
PB120423BS

Tgt Ion:178 Resp: 623740
Ion Ratio Lower Upper
178 100
176 20.0 15.5 23.3
179 16.4 12.7 19.1

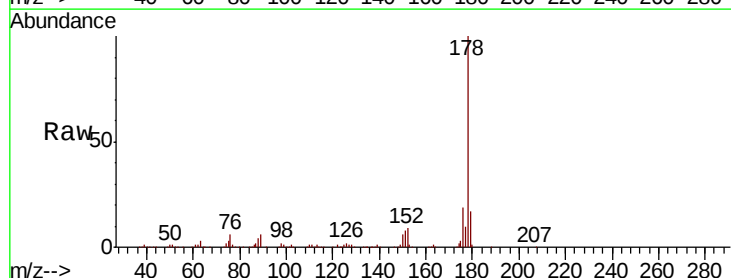


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

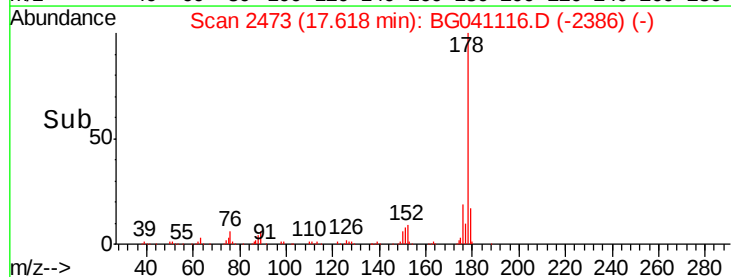
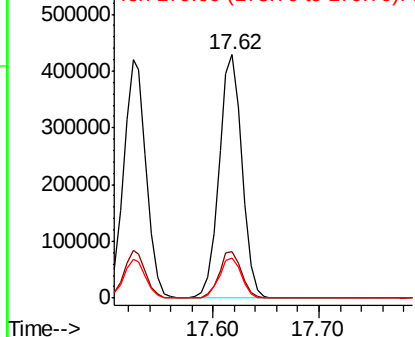


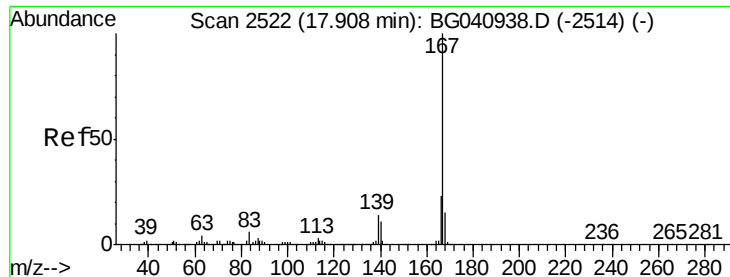
#72
Anthracene
Concen: 9.711 ng
RT: 17.62 min Scan# 2473
Delta R.T. -0.02 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Tgt Ion:178 Resp: 644699
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 16.7 13.0 19.4



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





#73

Carbazole

Concen: 9.429 ng

RT: 17.89 min Scan# 2519

Delta R.T. -0.02 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

Instrument :

BNA_G

ClientSampleId :

PB120423BS

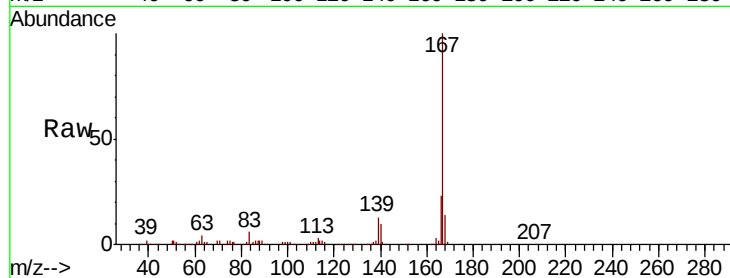
Tgt Ion:167 Resp: 537152

Ion Ratio Lower Upper

167 100

166 23.4 18.2 27.4

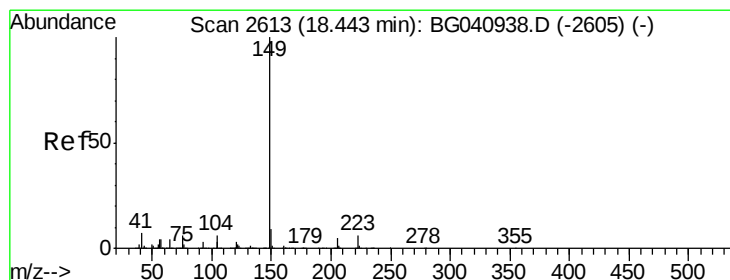
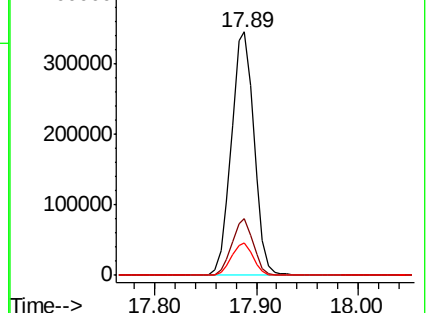
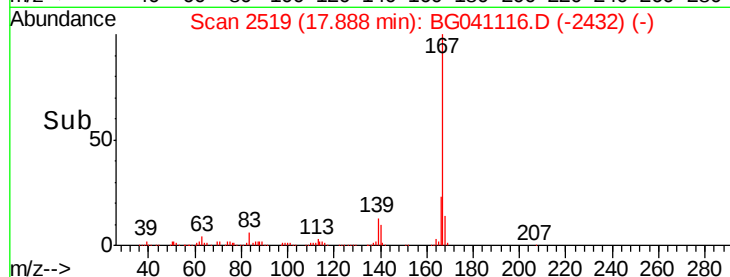
139 13.5 10.8 16.2



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: 9.131 ng

RT: 18.42 min Scan# 2609

Delta R.T. -0.03 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

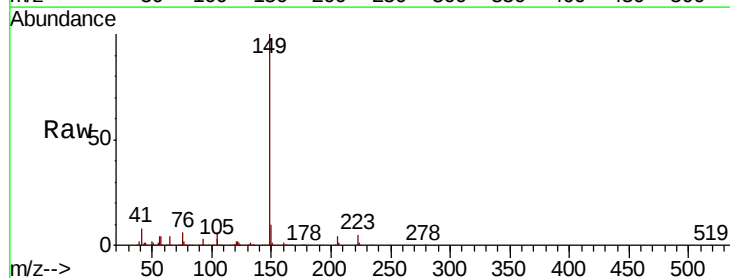
Tgt Ion:149 Resp: 646504

Ion Ratio Lower Upper

149 100

150 10.2 7.4 11.2

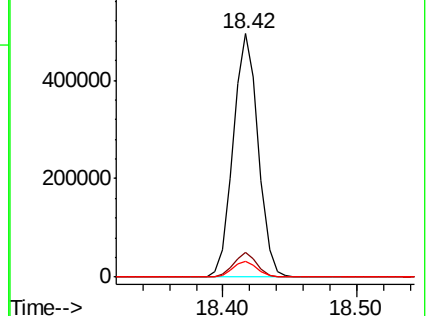
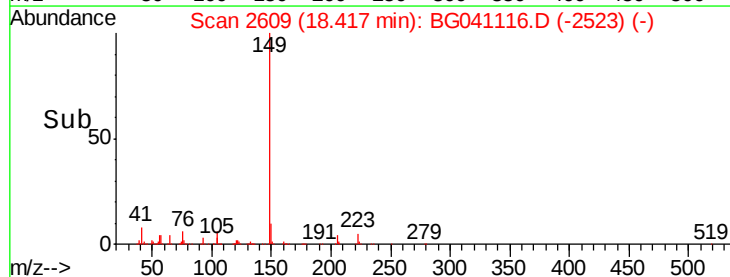
104 6.4 5.0 7.4

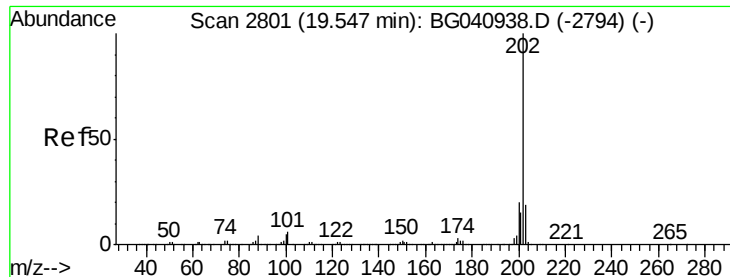


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 9.796 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.02 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

Instrument :

BNA_G

ClientSampleId :

PB120423BS

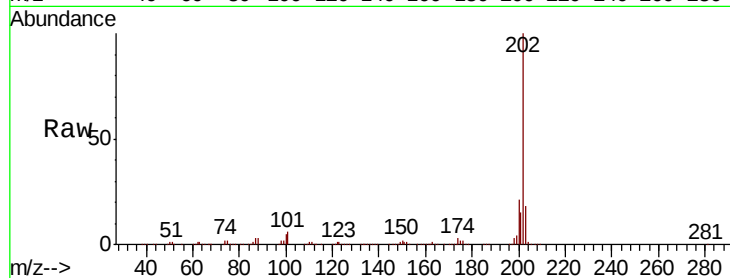
Tgt Ion:202 Resp: 814465

Ion Ratio Lower Upper

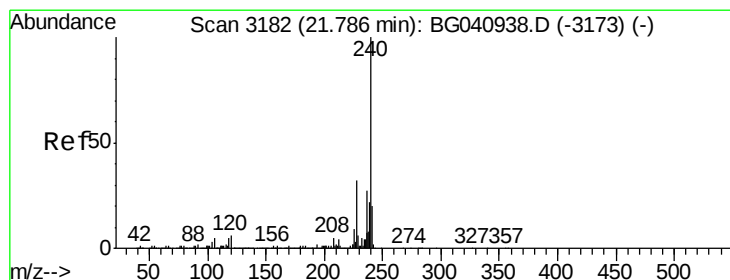
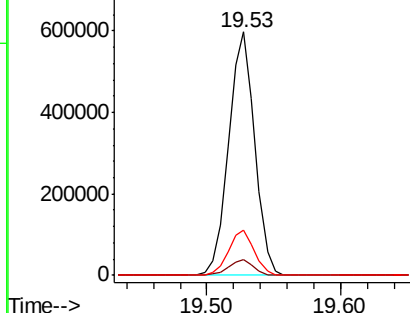
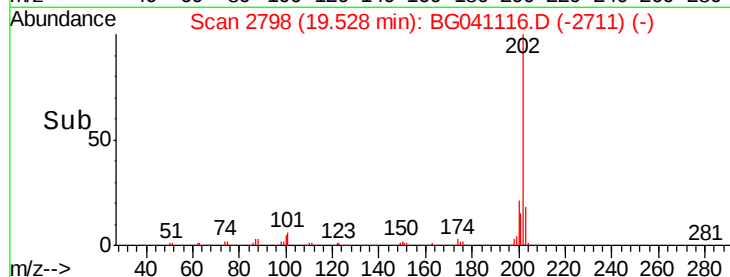
202 100

101 6.3 0.0 26.2

203 18.4 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3179

Delta R.T. -0.02 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

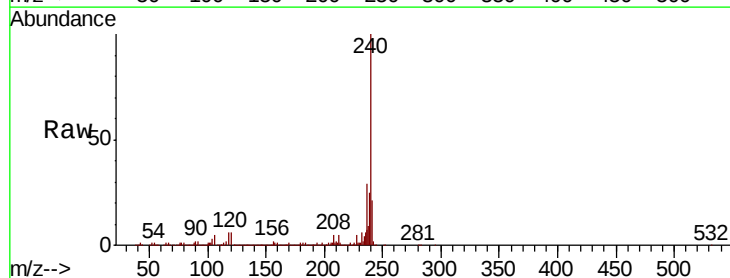
Tgt Ion:240 Resp: 1333234

Ion Ratio Lower Upper

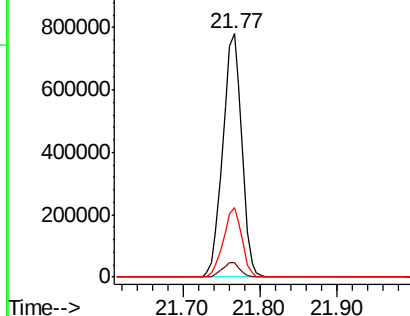
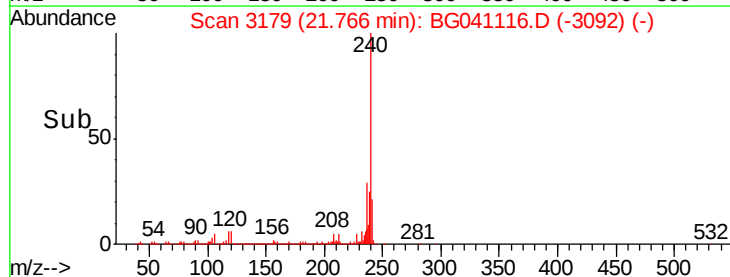
240 100

120 5.8 4.5 6.7

236 28.6 21.3 31.9



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: 7.215 ng

RT: 19.71 min Scan# 2829

Delta R.T. -0.02 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

Instrument :

BNA_G

ClientSampleId :

PB120423BS

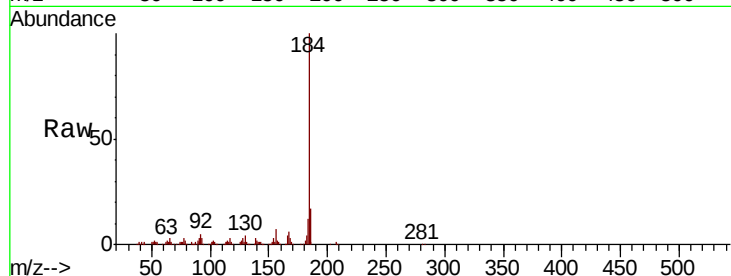
Tgt Ion:184 Resp: 229484

Ion Ratio Lower Upper

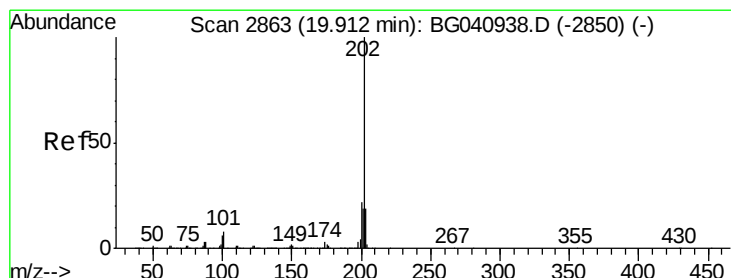
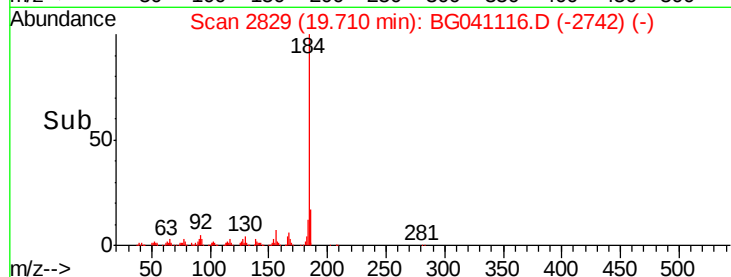
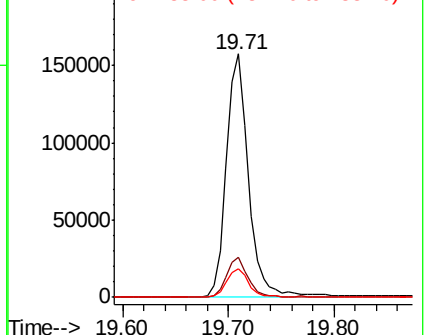
184 100

185 16.6 13.3 19.9

183 11.9 10.7 16.1



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: 9.411 ng

RT: 19.89 min Scan# 2860

Delta R.T. -0.02 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

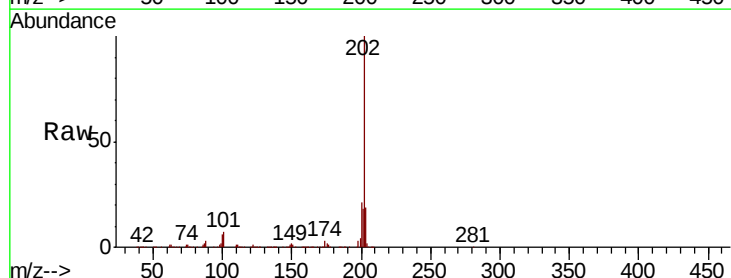
Tgt Ion:202 Resp: 815659

Ion Ratio Lower Upper

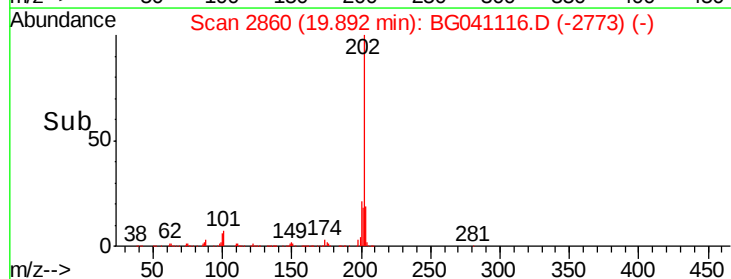
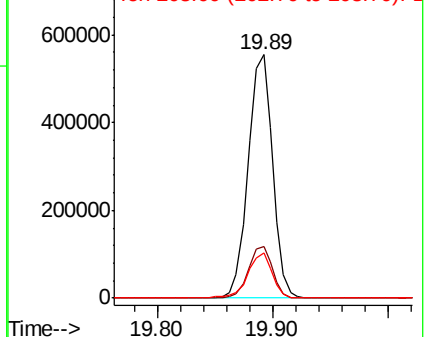
202 100

200 21.1 17.5 26.3

203 18.8 15.6 23.4



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: 57.773 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

Instrument :

BNA_G

ClientSampleId :

PB120423BS

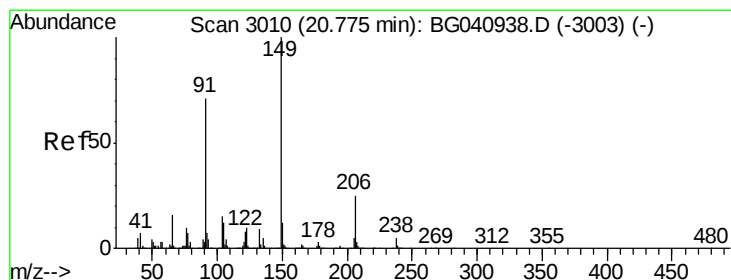
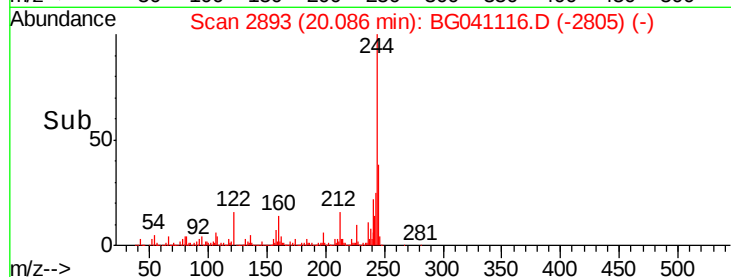
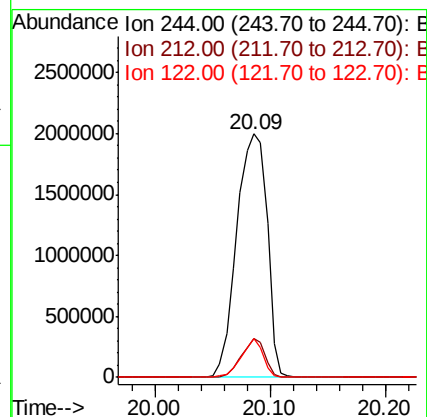
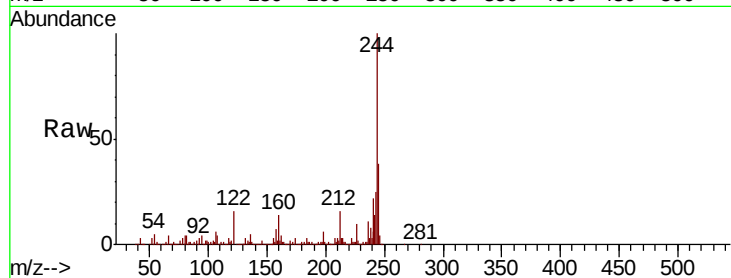
Tgt Ion:244 Resp: 3629242

Ion Ratio Lower Upper

244 100

212 15.8 7.0 10.4#

122 15.8 5.4 8.0#



#80

Butylbenzylphthalate

Concen: 8.833 ng

RT: 20.76 min Scan# 3007

Delta R.T. -0.02 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

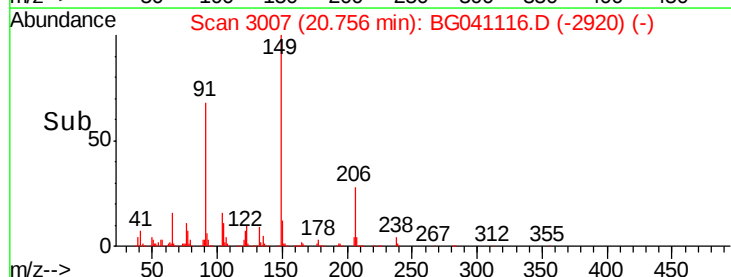
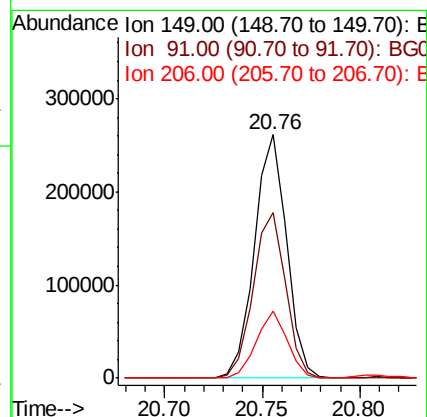
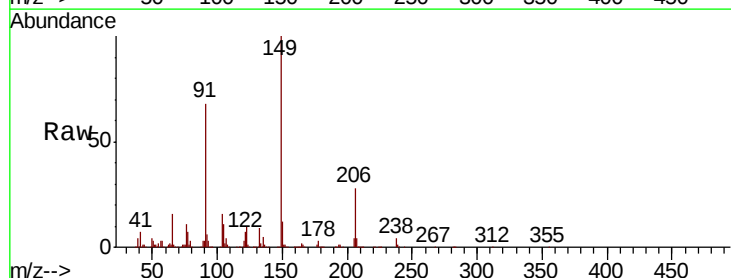
Tgt Ion:149 Resp: 297903

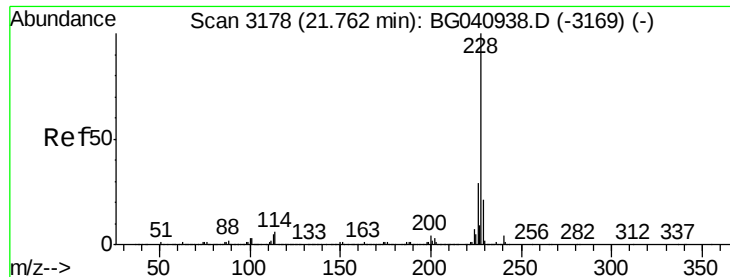
Ion Ratio Lower Upper

149 100

91 68.2 56.5 84.7

206 27.6 20.3 30.5

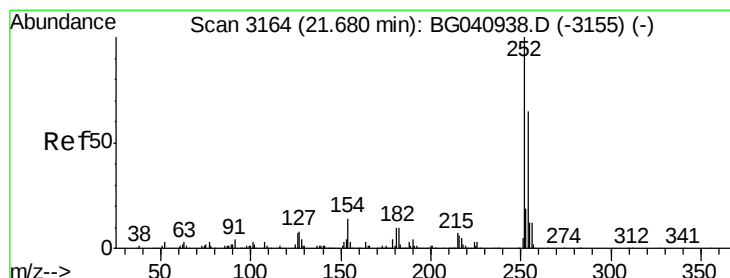
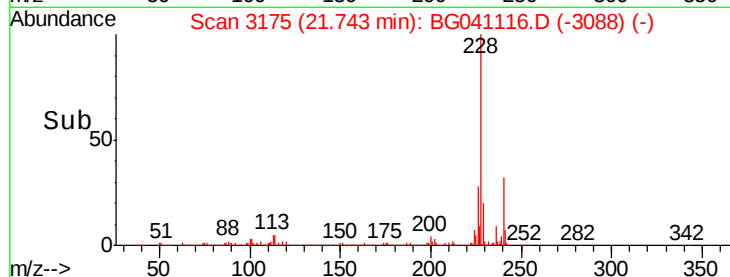
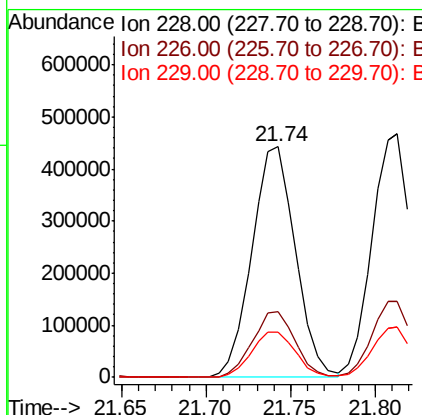
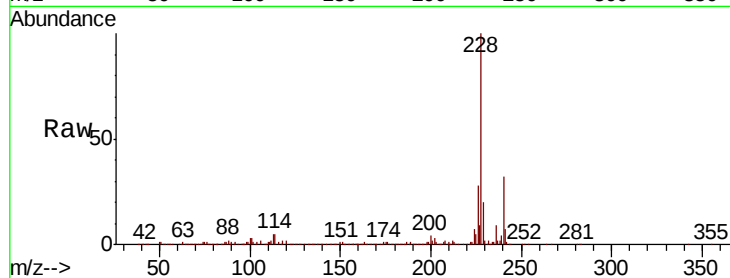




#81
Benzo(a)anthracene
Concen: 8.951 ng
RT: 21.74 min Scan# 3175
Delta R.T. -0.02 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

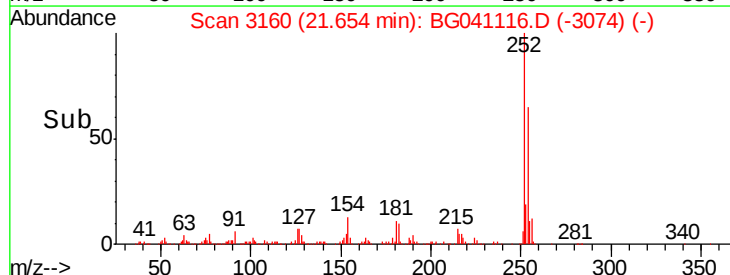
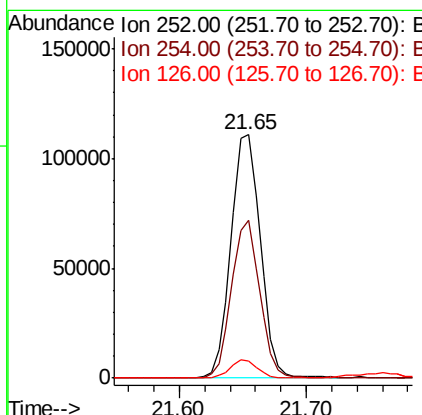
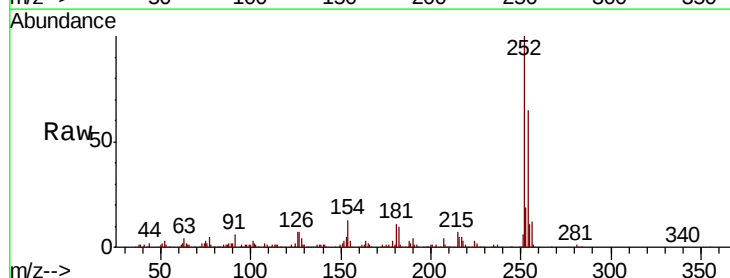
Instrument :
BNA_G
ClientSampleId :
PB120423BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.5	35.3
229	19.7	16.7	25.1



#82
3,3'-Dichlorobenzidine
Concen: 5.718 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.03 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.1	78.1
126	7.0	5.5	8.3





#83

Chrysene

Concen: 8.961 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

Instrument :

BNA_G

ClientSampleId :

PB120423BS

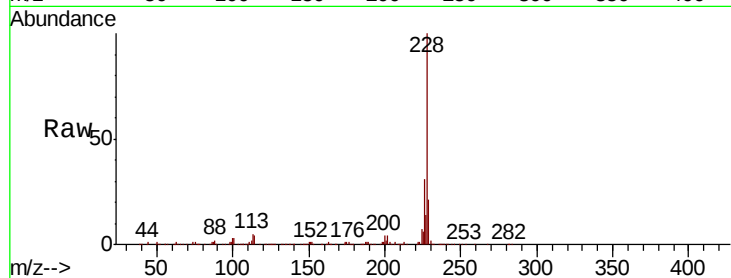
Tgt Ion:228 Resp: 761031

Ion Ratio Lower Upper

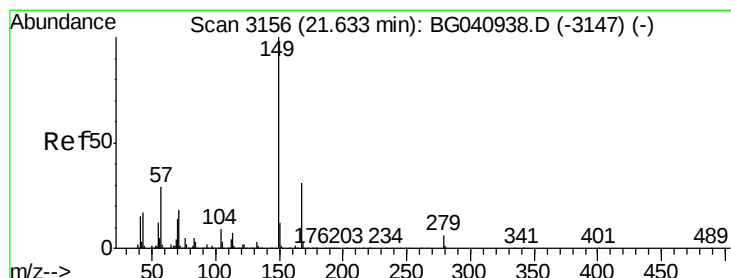
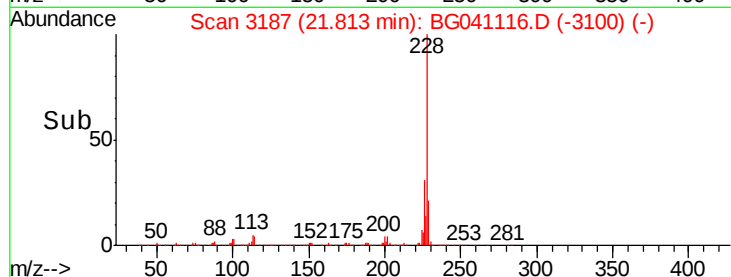
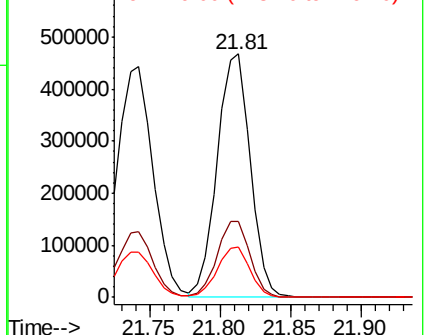
228 100

226 31.0 24.6 37.0

229 20.6 16.6 24.8



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: 8.591 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.03 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

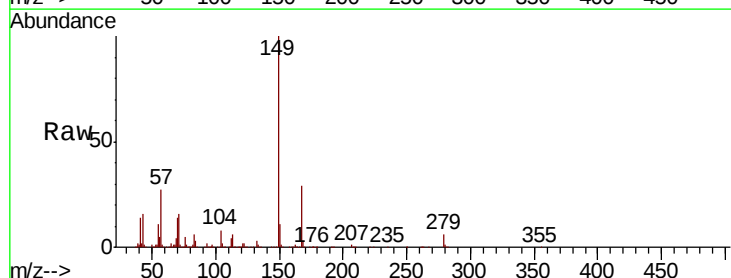
Tgt Ion:149 Resp: 407913

Ion Ratio Lower Upper

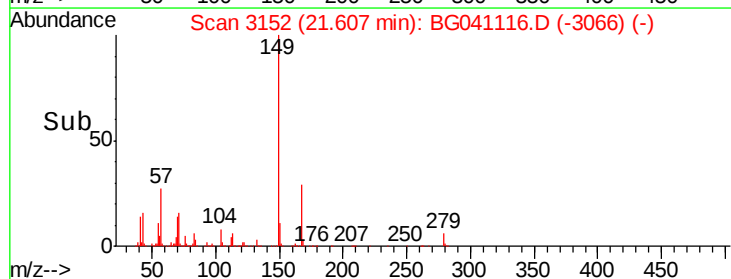
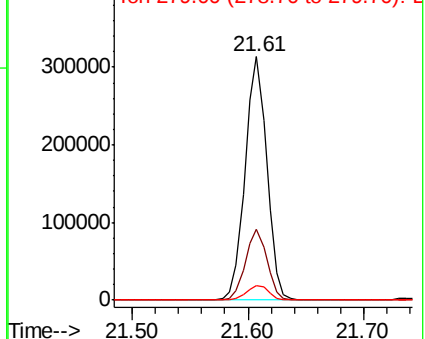
149 100

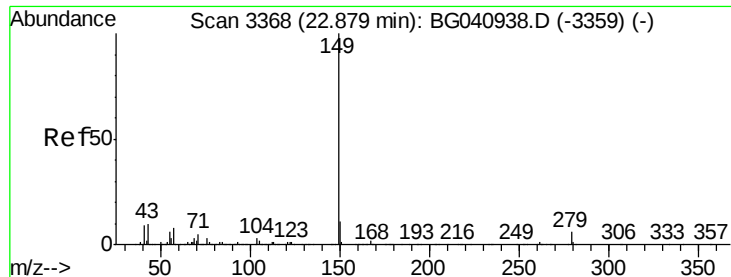
167 29.3 24.6 37.0

279 6.0 5.0 7.6



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

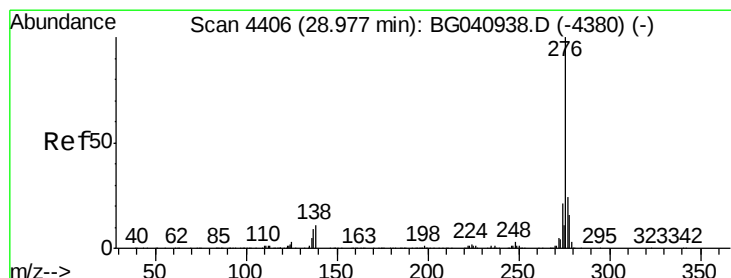
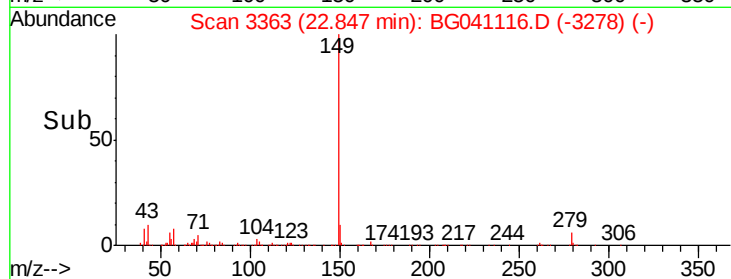
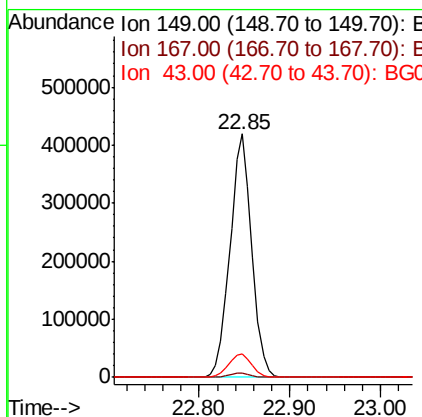
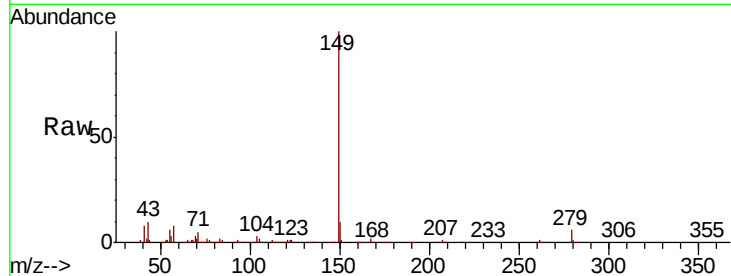




#85
Di-n-octyl phthalate
Concen: 8.800 ng
RT: 22.85 min Scan# 3363
Delta R.T. -0.03 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

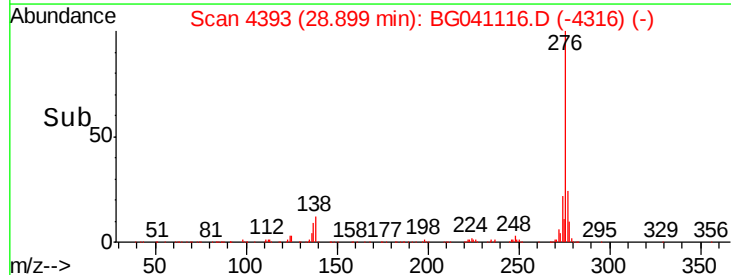
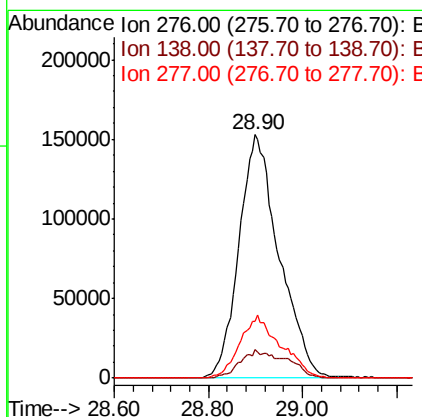
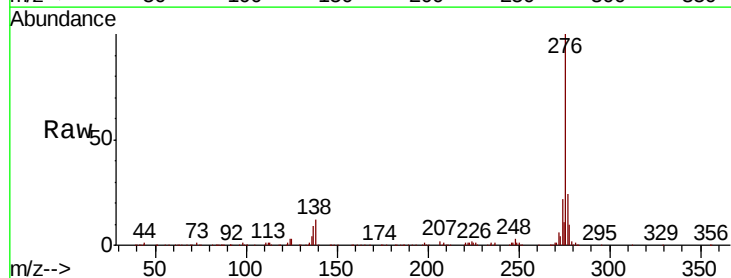
Instrument :
BNA_G
ClientSampled :
PB120423BS

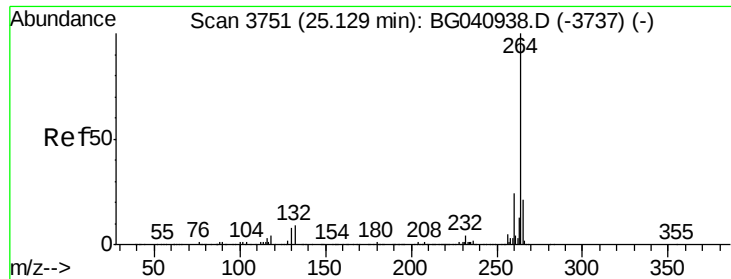
Tgt Ion:149 Resp: 695822
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.0 8.1 12.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 8.715 ng
RT: 28.90 min Scan# 4393
Delta R.T. -0.08 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Tgt Ion:276 Resp: 906709
Ion Ratio Lower Upper
276 100
138 9.2 5.7 8.5#
277 26.2 20.8 31.2





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3746

Delta R.T. -0.03 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

Instrument :

BNA_G

ClientSampleId :

PB120423BS

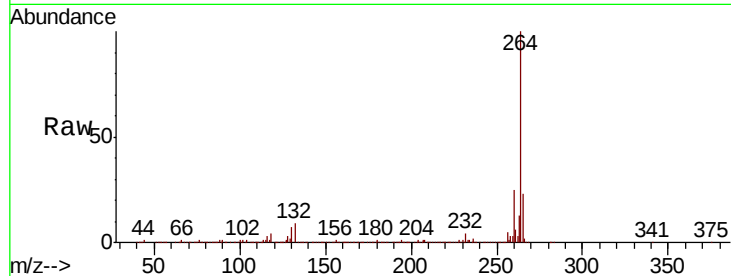
Tgt Ion:264 Resp: 1532500

Ion Ratio Lower Upper

264 100

260 25.2 19.0 28.4

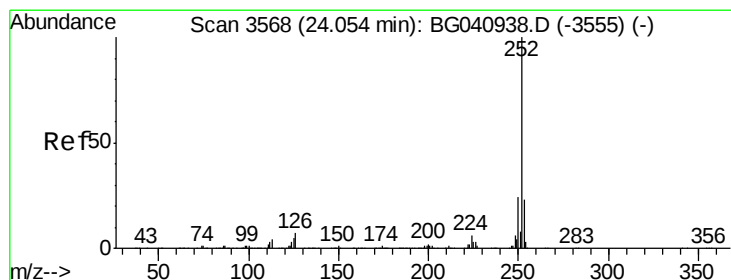
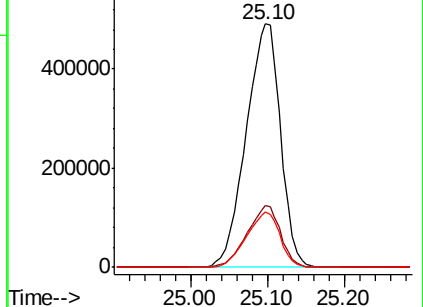
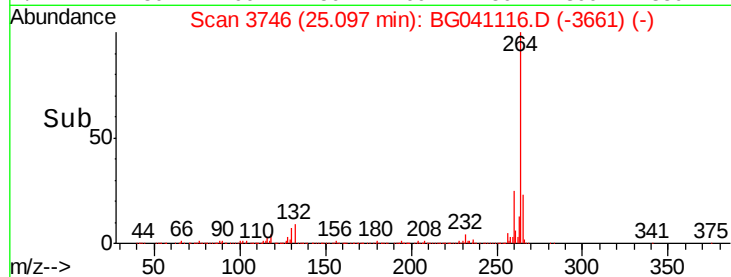
265 22.9 17.0 25.4



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: 8.427 ng

RT: 24.02 min Scan# 3562

Delta R.T. -0.04 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

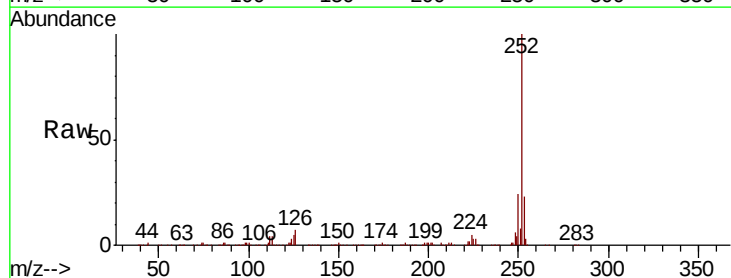
Tgt Ion:252 Resp: 783295

Ion Ratio Lower Upper

252 100

253 23.4 18.4 27.6

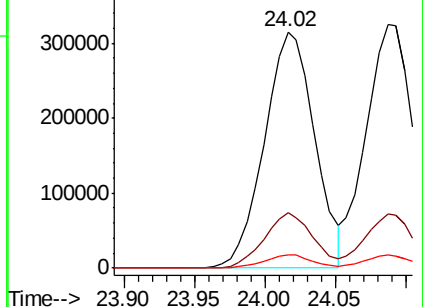
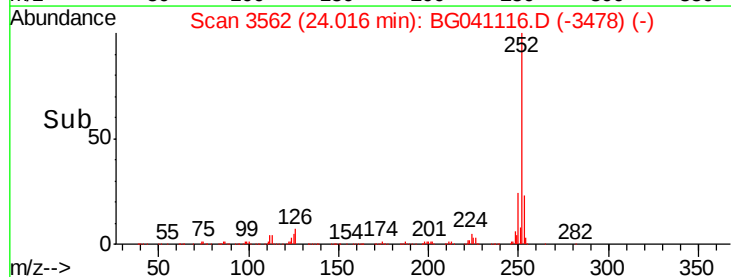
125 5.4 4.3 6.5

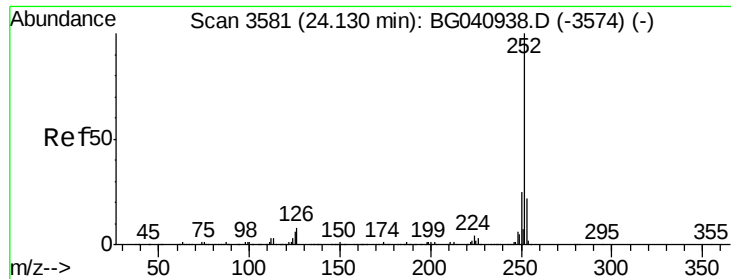


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 8.302 ng

RT: 24.09 min Scan# 3574

Delta R.T. -0.04 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

Instrument :

BNA_G

ClientSampleId :

PB120423BS

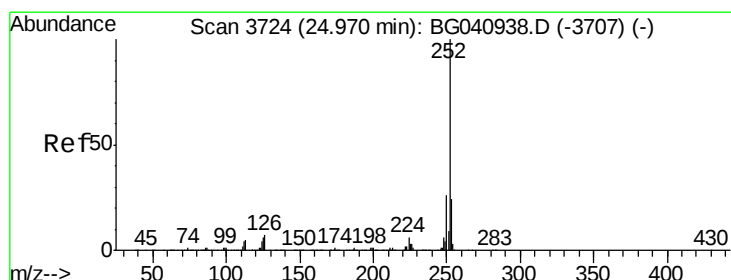
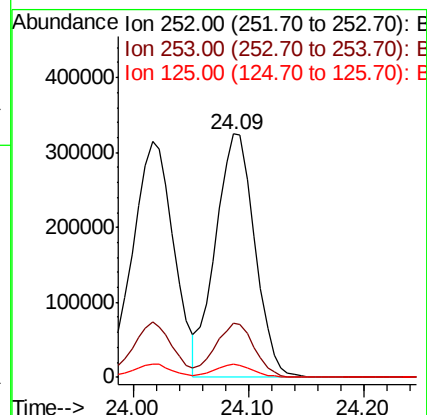
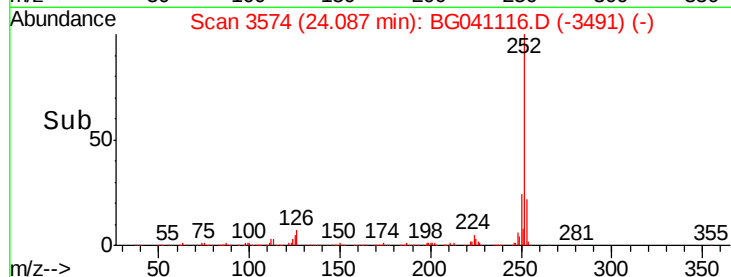
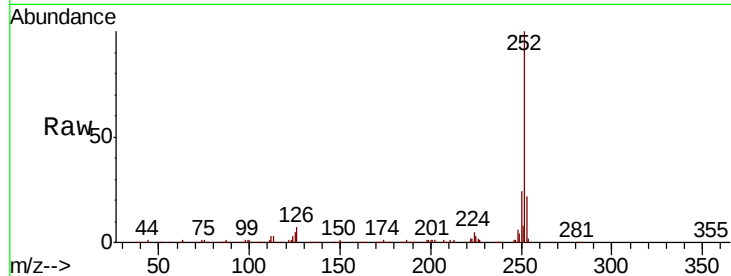
Tgt Ion:252 Resp: 763654

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 5.2 4.7 7.1



#90

Benzo(a)pyrene

Concen: 8.637 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.04 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

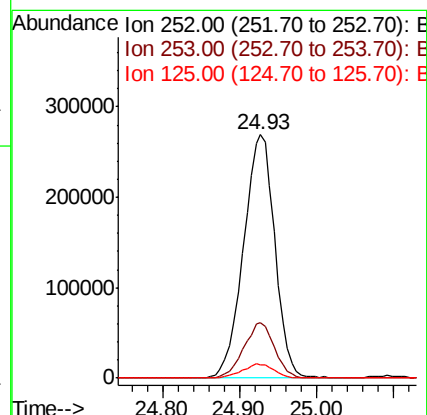
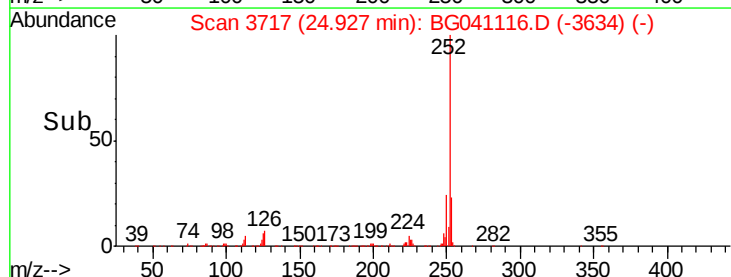
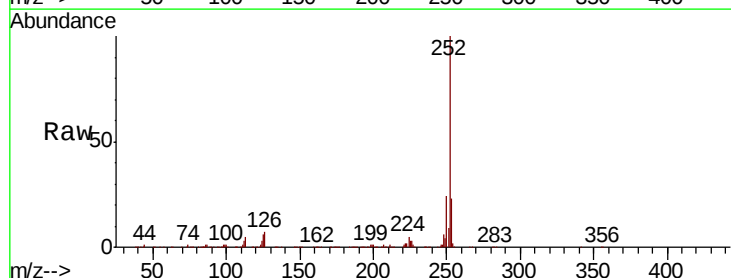
Tgt Ion:252 Resp: 765908

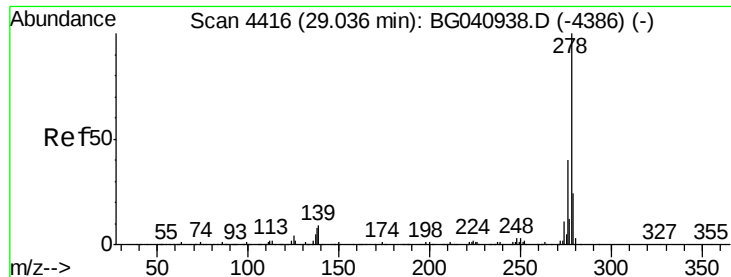
Ion Ratio Lower Upper

252 100

253 22.6 19.5 29.3

125 5.6 5.1 7.7





#91

Dibenzo(a,h)anthracene

Concen: 8.460 ng

RT: 28.97 min Scan# 4405

Delta R.T. -0.07 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

Instrument :

BNA_G

ClientSampleId :

PB120423BS

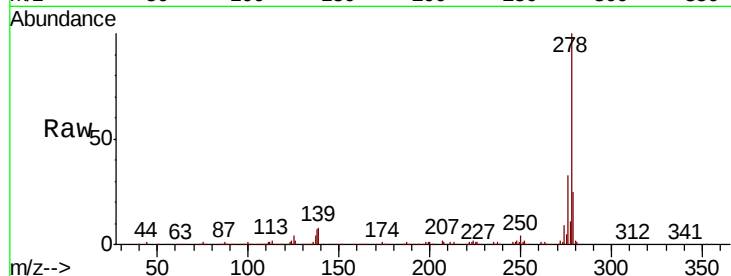
Tgt Ion: 278 Resp: 749699

Ion Ratio Lower Upper

278 100

139 8.4 7.1 10.7

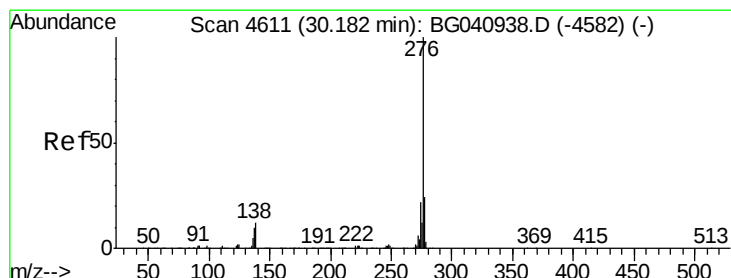
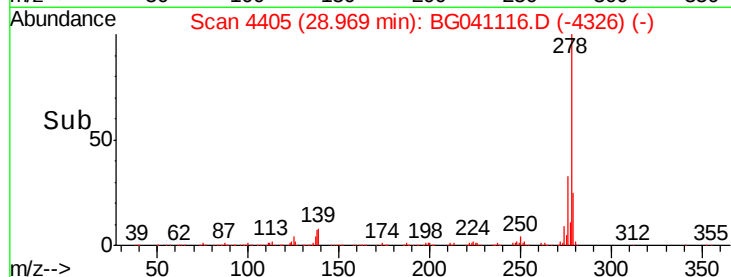
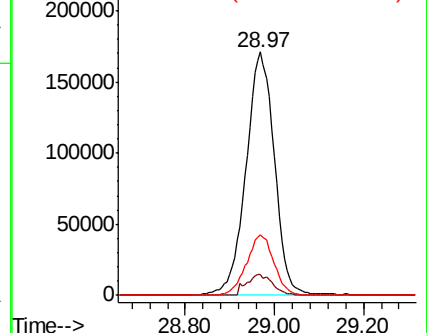
279 24.8 19.4 29.2



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: 8.759 ng

RT: 30.11 min Scan# 4599

Delta R.T. -0.07 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

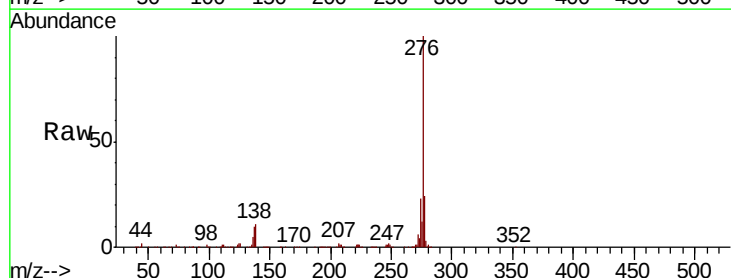
Tgt Ion: 276 Resp: 754068

Ion Ratio Lower Upper

276 100

277 23.6 19.4 29.0

138 10.9 9.7 14.5



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

