

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012919\
 Data File : BG039313.D
 Acq On : 29 Jan 2019 11:34
 Operator : JU/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 29 12:11:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 10:46:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	46022	20.00	ng	-0.01
21) Naphthalene-d8	11.01	136	203432	20.00	ng	0.00
39) Acenaphthene-d10	14.81	164	133781	20.00	ng	-0.02
64) Phenanthrene-d10	17.55	188	319816	20.00	ng	-0.03
76) Chrysene-d12	21.85	240	306507	20.00	ng	-0.01
87) Perylene-d12	25.24	264	311441	20.00	ng	0.12

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.72	112	212009	87.39	ng	-0.03
7) Phenol-d6	7.32	99	317102	90.82	ng	-0.03
23) Nitrobenzene-d5	9.36	82	253229	68.11	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	113602	50.66	ng	-0.04
45) 2-Fluorobiphenyl	13.44	172	711516	72.79	ng	-0.02
79) Terphenyl-d14	20.15	244	1106507	66.78	ng	-0.04

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.62	88	46269	48.702	ng	89
3) Pyridine	4.02	79	130555	50.573	ng	98
4) n-Nitrosodimethylamine	3.94	42	61690	53.105	ng	92
6) Aniline	7.51	93	193677	46.190	ng	95
8) 2-Chlorophenol	7.74	128	117177	40.973	ng	89
9) Benzaldehyde	7.33	77	78596	39.035	ng	89
10) Phenol	7.34	94	160995	45.993	ng	98
11) bis(2-Chloroethyl)ether	7.60	93	128354	47.977	ng	94
12) 1,3-Dichlorobenzene	8.07	146	138984	40.562	ng	95
13) 1,4-Dichlorobenzene	8.22	146	139456	40.187	ng	97
14) 1,2-Dichlorobenzene	8.54	146	133501	40.349	ng	98
15) Benzyl Alcohol	8.42	79	125517	47.738	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.71	45	283247	55.214	ng	98
17) 2-Methylphenol	8.61	107	105051	43.220	ng	97
18) Hexachloroethane	9.27	117	47853	40.590	ng	88
19) n-Nitroso-di-n-propylamine	8.99	70	113073	49.318	ng	# 95
20) 3+4-Methylphenols	8.94	107	149043	43.009	ng	98
22) Acetophenone	9.02	105	208733	39.290	ng	# 95
24) Nitrobenzene	9.41	77	134812	35.876	ng	94
25) Isophorone	9.92	82	279541	43.651	ng	# 93
26) 2-Nitrophenol	10.12	139	48641	23.931	ng	93
27) 2,4-Dimethylphenol	10.15	122	112605	39.379	ng	96
28) bis(2-Chloroethoxy)methane	10.40	93	174772	45.409	ng	98
29) 2,4-Dichlorophenol	10.64	162	124475	35.039	ng	88
30) 1,2,4-Trichlorobenzene	10.86	180	140179	32.841	ng	98
31) Naphthalene	11.06	128	384066	37.642	ng	99
32) Benzoic acid	10.26	122	65275	43.093	ng	92
33) 4-Chloroaniline	11.17	127	180756	39.592	ng	95
34) Hexachlorobutadiene	11.33	225	92715	31.568	ng	94
35) Caprolactam	11.96	113	54168	38.025	ng	# 71
36) 4-Chloro-3-methylphenol	12.26	107	146743	38.621	ng	90
37) 2-Methylnaphthalene	12.65	142	284209	37.153	ng	99
38) 1-Methylnaphthalene	12.87	142	274701	37.413	ng	99
40) 1,2,4,5-Tetrachlorobenzene	13.01	216	165287	32.898	ng	# 98

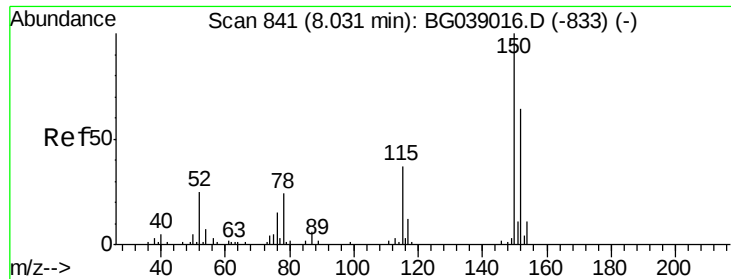
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012919\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 10:46:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.98	237	90782	36.751	ng	98
43) 2,4,6-Trichlorophenol	13.24	196	105720	33.433	ng	93
44) 2,4,5-Trichlorophenol	13.31	196	113519	33.966	ng	97
46) 1,1'-Biphenyl	13.65	154	422522	39.859	ng	98
47) 2-Chloronaphthalene	13.69	162	320761	37.392	ng	96
48) 2-Nitroaniline	13.90	65	83548	34.765	ng	89
49) Acenaphthylene	14.53	152	486658	37.744	ng	99
50) Dimethylphthalate	14.26	163	416147	36.811	ng	99
51) 2,6-Dinitrotoluene	14.39	165	73767	29.185	ng	95
52) Acenaphthene	14.88	154	321297	41.475	ng	98
53) 3-Nitroaniline	14.72	138	78958	30.795	ng	# 81
54) 2,4-Dinitrophenol	14.92	184	25512	19.530	ng	88
55) Dibenzofuran	15.21	168	502589	36.734	ng	100
56) 4-Nitrophenol	14.99	139	67157	36.402	ng	84
57) 2,4-Dinitrotoluene	15.16	165	90917	25.072	ng	# 81
58) Fluorene	15.86	166	377653	36.671	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.42	232	104276	33.053	ng	93
60) Diethylphthalate	15.62	149	425847	36.560	ng	99
61) 4-Chlorophenyl-phenylether	15.84	204	210398	32.428	ng	89
62) 4-Nitroaniline	15.88	138	84412	31.603	ng	95
63) Azobenzene	16.14	77	416787	45.757	ng	95
65) 4,6-Dinitro-2-methylphenol	15.92	198	44283	18.690	ng	92
66) n-Nitrosodiphenylamine	16.06	169	373542	39.399	ng	96
67) 4-Bromophenyl-phenylether	16.74	248	136011	33.084	ng	# 91
68) Hexachlorobenzene	16.84	284	135614	30.231	ng	# 93
69) Atrazine	17.00	200	139342	34.596	ng	96
70) Pentachlorophenol	17.19	266	98486	41.035	ng	97
71) Phenanthrene	17.59	178	629350	37.230	ng	99
72) Anthracene	17.69	178	621718	37.197	ng	98
73) Carbazole	17.96	167	616709	37.377	ng	95
74) Di-n-butylphthalate	18.50	149	725592	39.530	ng	99
75) Fluoranthene	19.60	202	720994	34.405	ng	96
77) Benzidine	19.77	184	380747	40.614	ng	98
78) Pyrene	19.96	202	736543	37.707	ng	97
80) Butylbenzylphthalate	20.83	149	319344	42.985	ng	89
81) Benzo(a)anthracene	21.83	228	695803	37.291	ng	98
82) 3,3'-Dichlorobenzidine	21.74	252	262961	34.589	ng	# 97
83) Chrysene	21.90	228	668592	37.676	ng	97
84) Bis(2-ethylhexyl)phthalate	21.71	149	451700	43.788	ng	95
85) Di-n-octyl phthalate	22.99	149	751509	43.084	ng	# 92
86) Indeno(1,2,3-cd)pyrene	29.16	276	727056	34.287	ng	# 95
88) Benzo(b)fluoranthene	24.16	252	665964	38.780	ng	# 98
89) Benzo(k)fluoranthene	24.23	252	652984	38.458	ng	# 96
90) Benzo(a)pyrene	25.08	252	637007	38.377	ng	# 97
91) Dibenzo(a,h)anthracene	29.24	278	590233	35.749	ng	# 96
92) Benzo(g,h,i)perylene	30.38	276	594836	36.392	ng	# 93

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

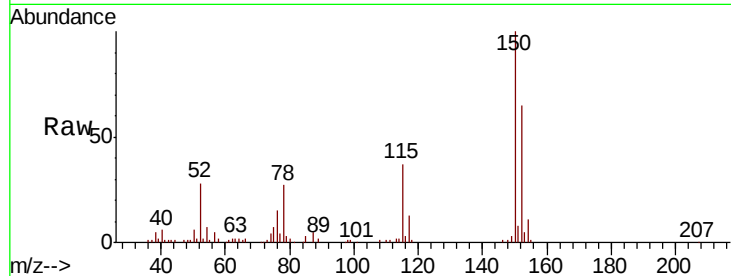


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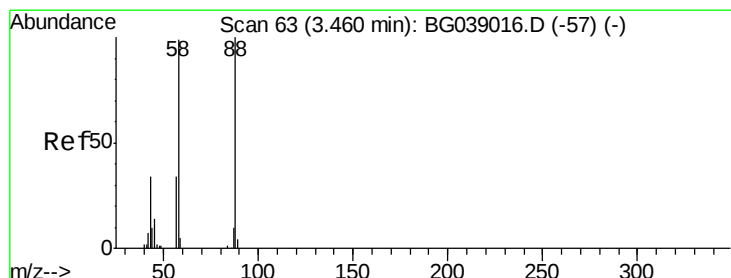
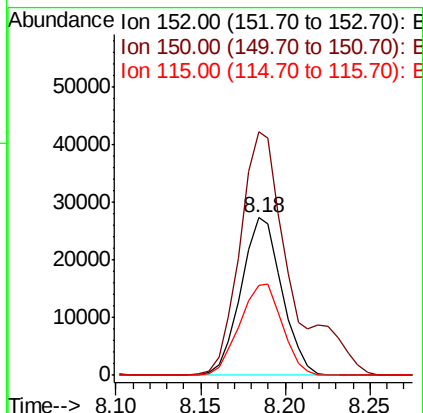
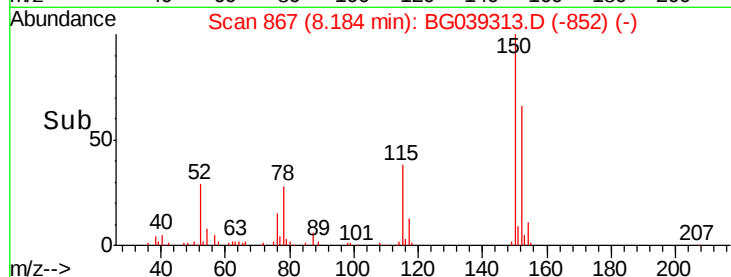
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.01 min
Lab File: BG039313.D
Acq: 29 Jan 2019 11:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 46022
Ion Ratio Lower Upper
152 100
150 154.6 124.7 187.1
115 57.4 46.5 69.7



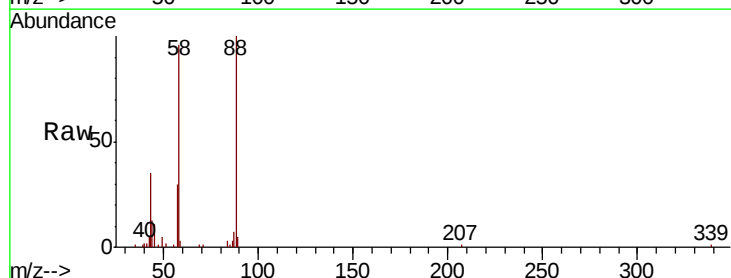
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



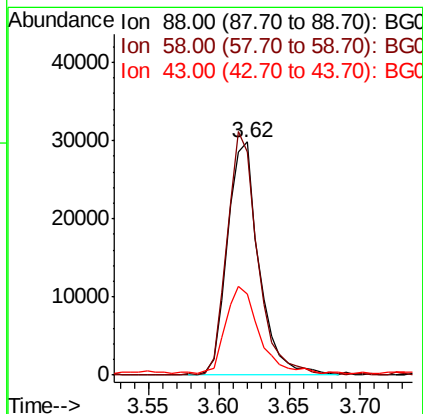
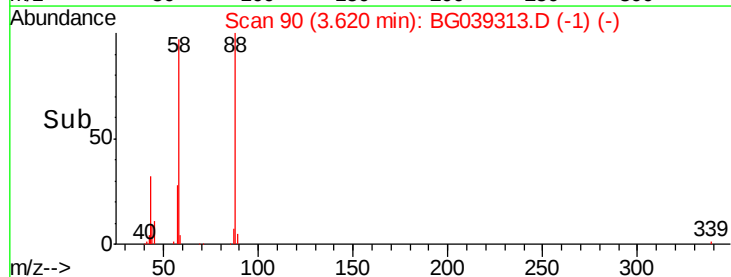
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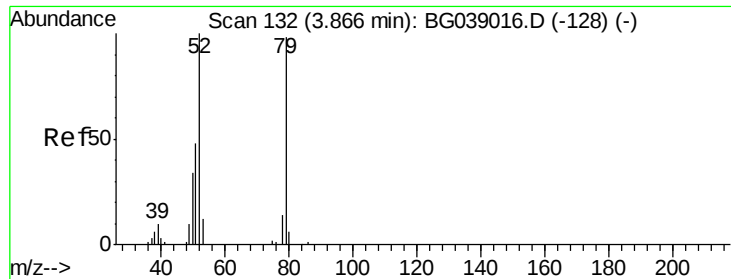
1,4-Dioxane
Concen: 48.702 ng
RT: 3.62 min Scan# 90
Delta R.T. -0.00 min
Lab File: BG039313.D
Acq: 29 Jan 2019 11:34

Tgt Ion: 88 Resp: 46269
Ion Ratio Lower Upper
88 100
58 101.4 72.4 108.6
43 39.2 27.6 41.4



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





#3

Pvridine

Concen: 50.573 ng

RT: 4.02 min Scan# 158

Delta R.T. -0.01 min

Lab File: BG039313.D

Acq: 29 Jan 2019 11:34

Instrument :

BNA_F

ClientSampled :

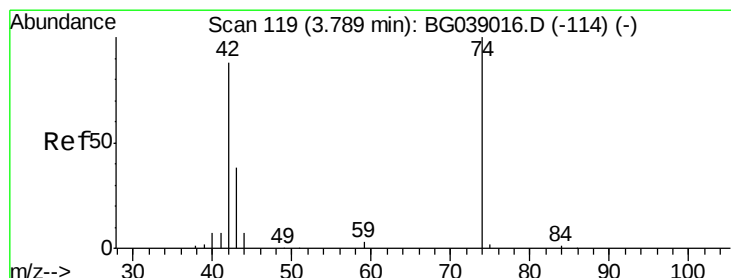
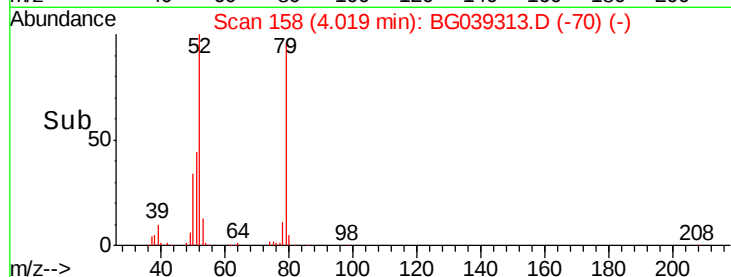
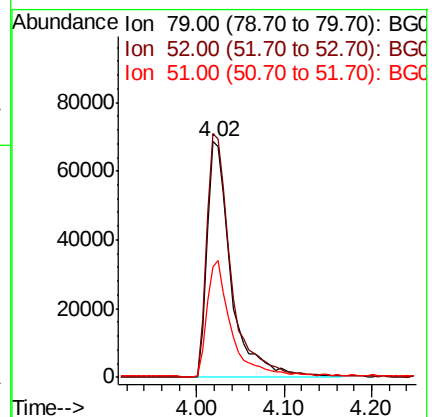
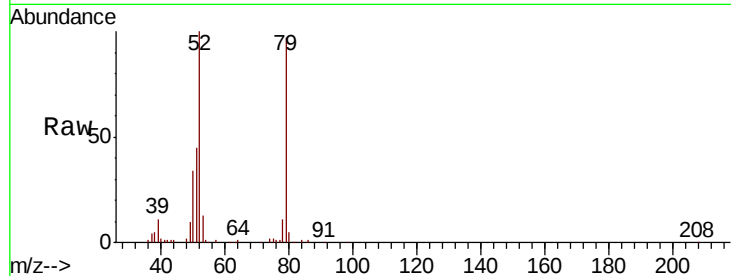
Tot Ion: 79 Resp: 130555

Ion Ratio Lower Upper

79 100

52 103.3 81.5 122.3

51 46.9 39.8 59.6



#4

n-Nitrosodimethylamine

Concen: 53.105 ng

RT: 3.94 min Scan# 144

Delta R.T. -0.02 min

Lab File: BG039313.D

Acq: 29 Jan 2019 11:34

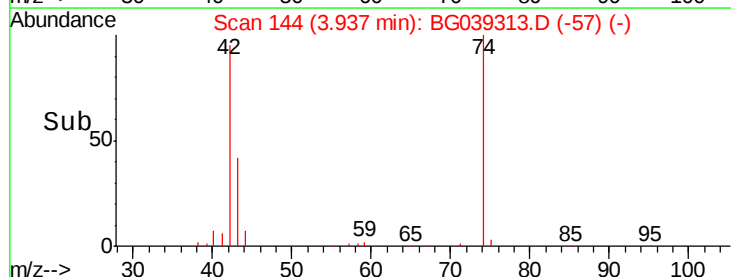
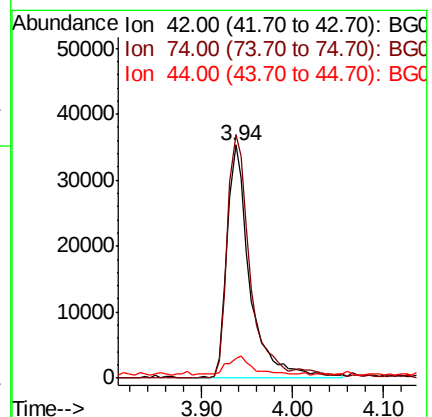
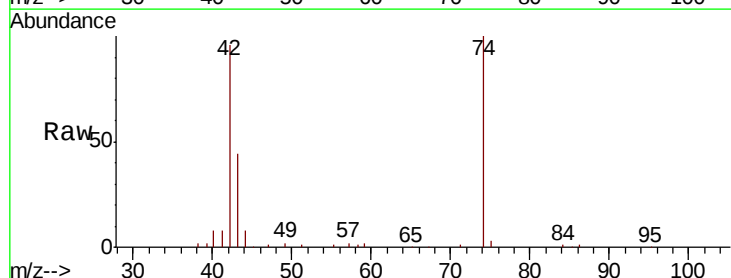
Tgt Ion: 42 Resp: 61690

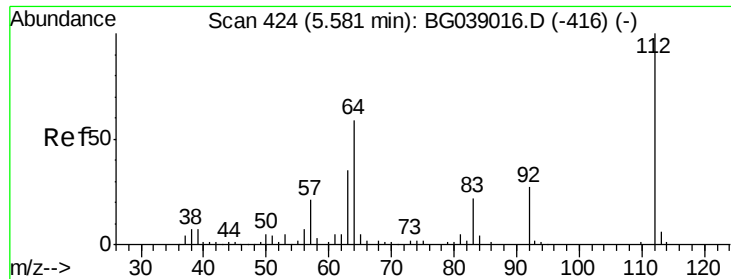
Ion Ratio Lower Upper

42 100

74 104.5 90.7 136.1

44 8.6 6.5 9.7

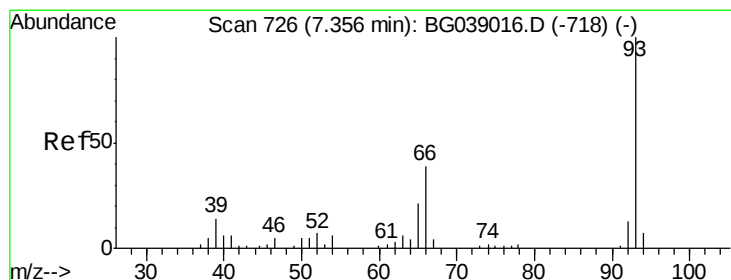
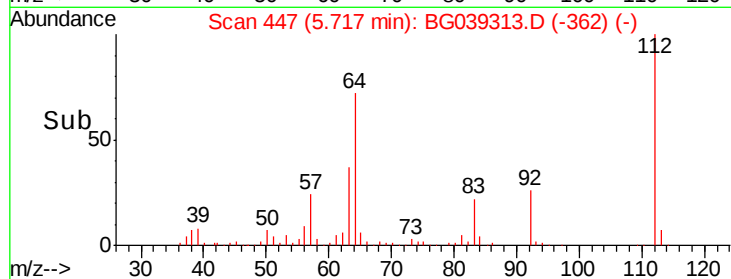
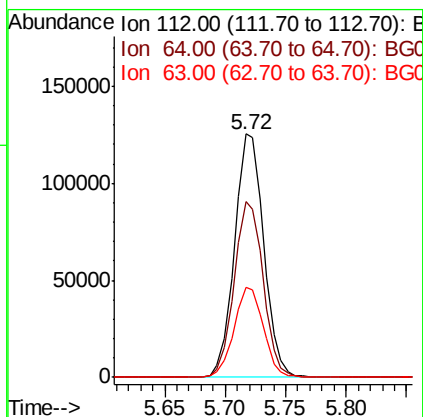
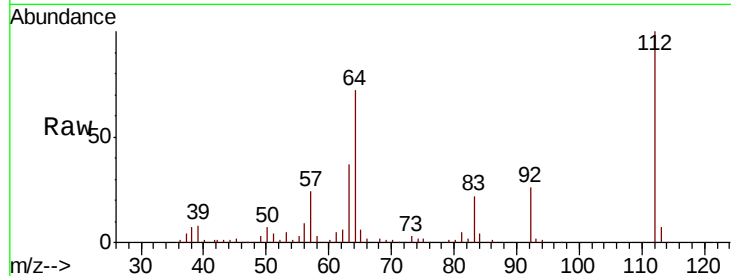




#5
 2-Fluorophenol
 Concen: 87.388 ng
 RT: 5.72 min Scan# 447
 Delta R.T. -0.03 min
 Lab File: BG039313.D
 Acq: 29 Jan 2019 11:34

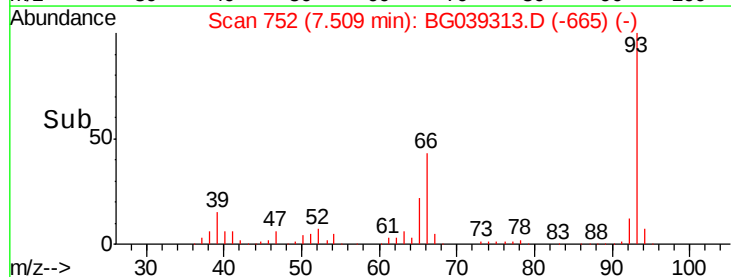
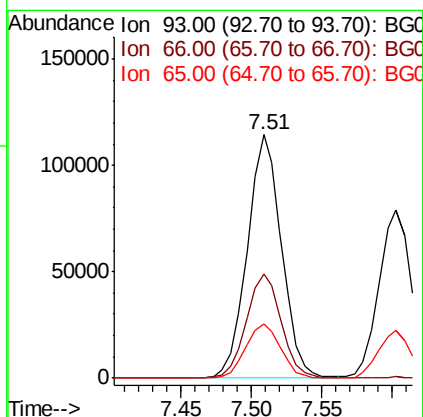
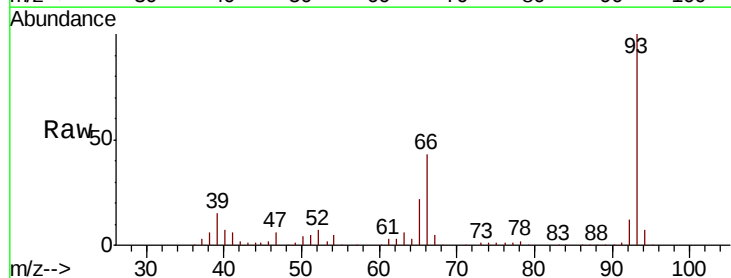
Instrument :
 BNA_F
 ClientSampleId :

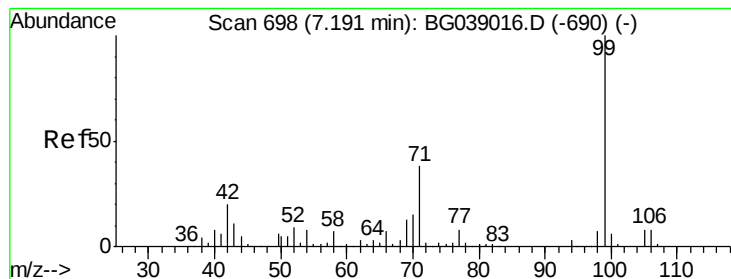
Tot Ion: 112 Resp: 212009
 Ion Ratio Lower Upper
 112 100
 64 72.3 47.0 70.6#
 63 37.2 28.0 42.0



#6
 Aniline
 Concen: 46.190 ng
 RT: 7.51 min Scan# 752
 Delta R.T. -0.02 min
 Lab File: BG039313.D
 Acq: 29 Jan 2019 11:34

Tgt Ion: 93 Resp: 193677
 Ion Ratio Lower Upper
 93 100
 66 42.8 30.9 46.3
 65 22.1 17.0 25.4





#7

Phenol-d6

Concen: 90.823 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.03 min

Lab File: BG039313.D

Acq: 29 Jan 2019 11:34

Instrument :

BNA_F

ClientSampled :

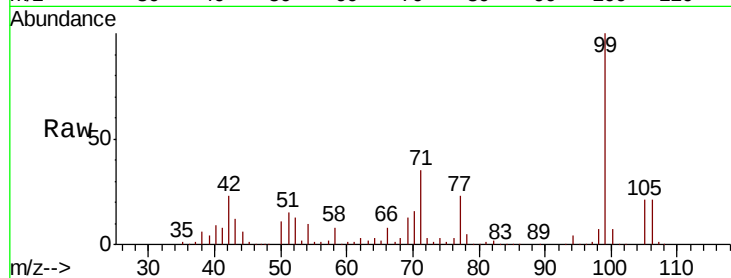
Tot Ion: 99 Resp: 317102

Ion Ratio Lower Upper

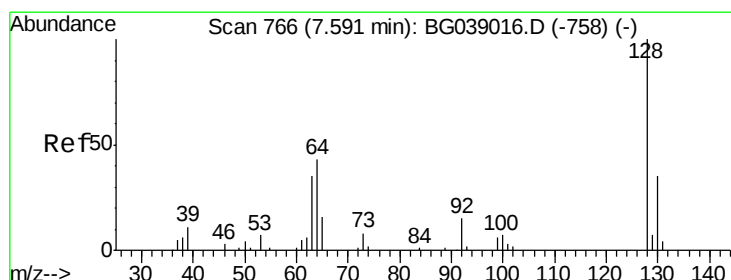
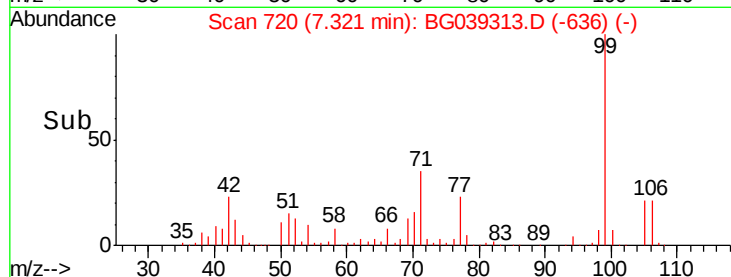
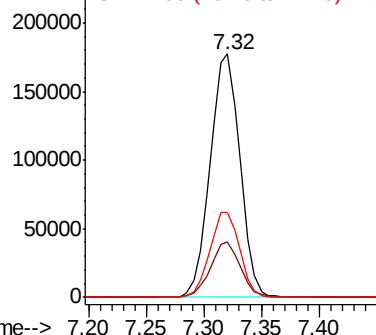
99 100

42 22.7 15.8 23.6

71 35.0 30.2 45.4



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



#8

2-Chlorophenol

Concen: 40.973 ng

RT: 7.74 min Scan# 792

Delta R.T. -0.01 min

Lab File: BG039313.D

Acq: 29 Jan 2019 11:34

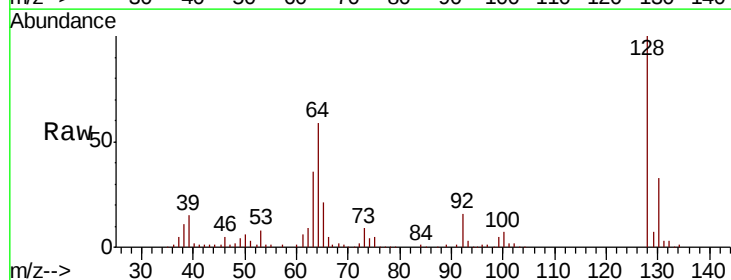
Tgt Ion: 128 Resp: 117177

Ion Ratio Lower Upper

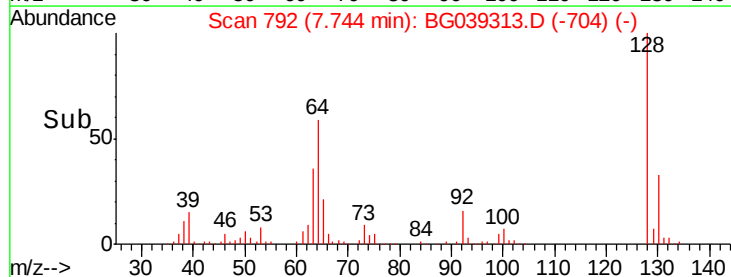
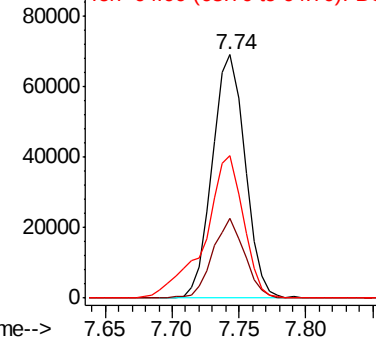
128 100

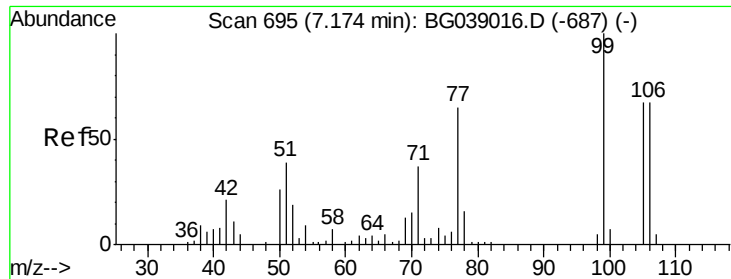
130 32.9 14.5 54.5

64 58.7 27.3 67.3



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





#9

Benzaldehyde

Concen: 39.035 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039313.D

Acq: 29 Jan 2019 11:34

Instrument :

BNA_F

ClientSampled :

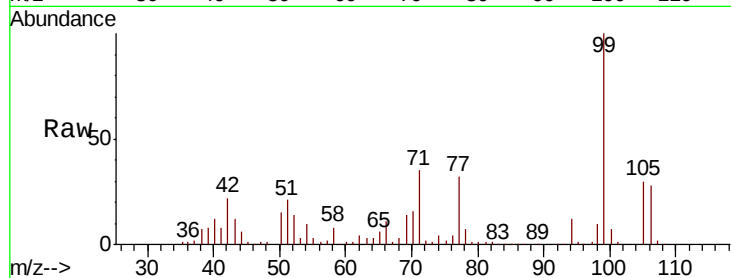
Tot Ion: 77 Resp: 78596

Ion Ratio Lower Upper

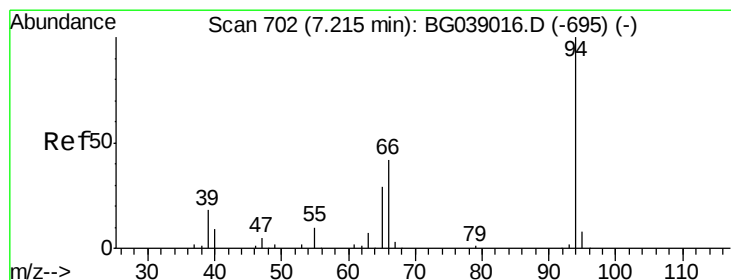
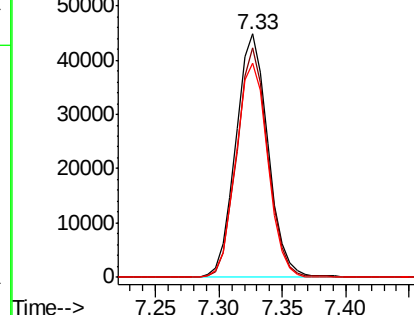
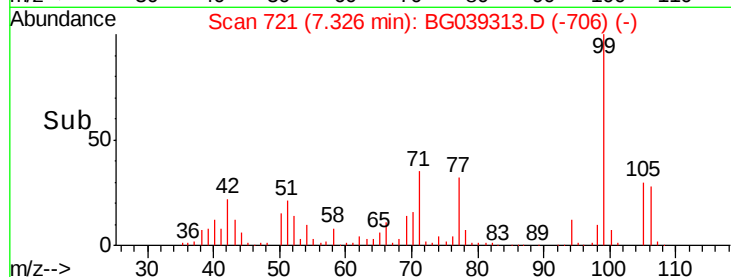
77 100

105 94.5 82.4 122.4

106 88.0 82.8 122.8



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



#10

Phenol

Concen: 45.993 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.04 min

Lab File: BG039313.D

Acq: 29 Jan 2019 11:34

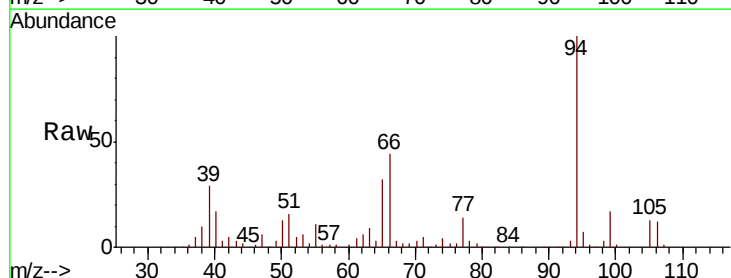
Tgt Ion: 94 Resp: 160995

Ion Ratio Lower Upper

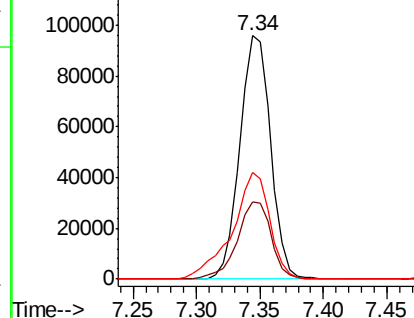
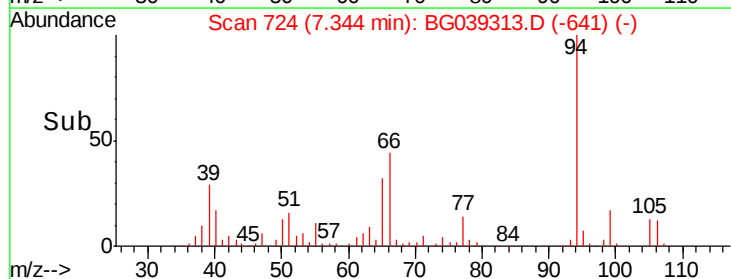
94 100

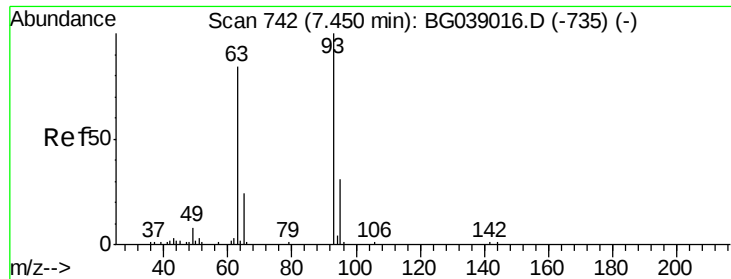
65 31.7 10.3 50.3

66 43.7 25.1 65.1



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

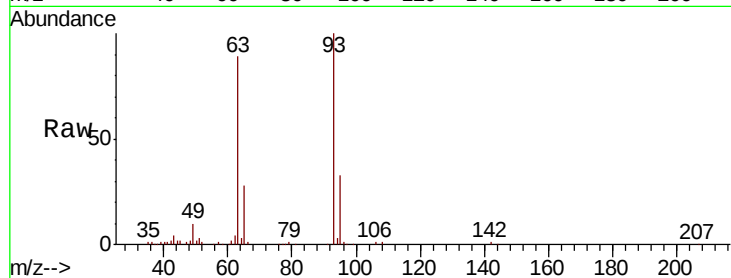




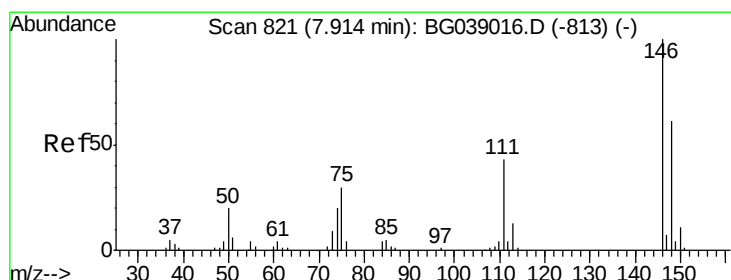
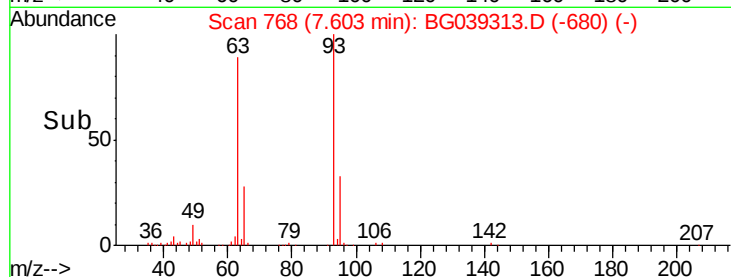
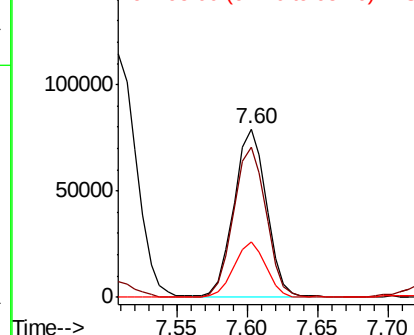
#11
bis(2-Chloroethyl)ether
Concen: 47.977 ng
RT: 7.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BG039313.D
Acq: 29 Jan 2019 11:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 128354
Ion Ratio Lower Upper
93 100
63 89.5 63.2 103.2
95 32.7 11.2 51.2

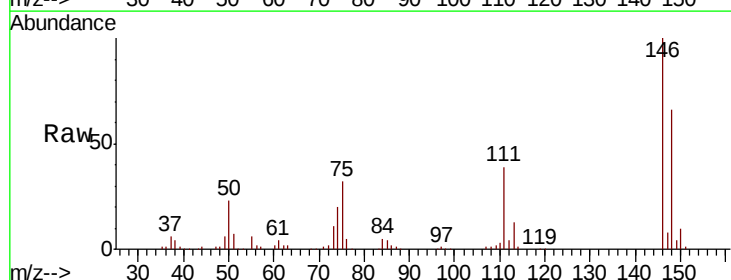


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

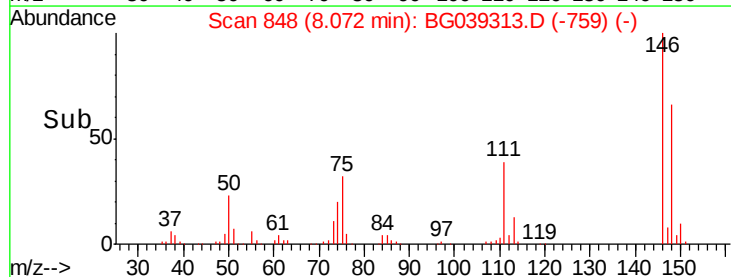
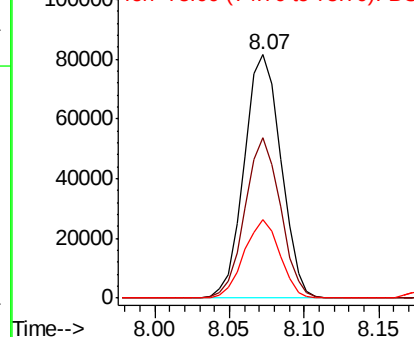


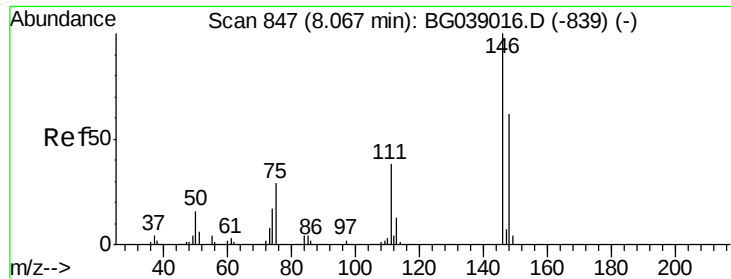
#12
1,3-Dichlorobenzene
Concen: 40.562 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG039313.D
Acq: 29 Jan 2019 11:34

Tgt Ion: 146 Resp: 138984
Ion Ratio Lower Upper
146 100
148 65.8 49.1 73.7
75 32.2 23.9 35.9



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

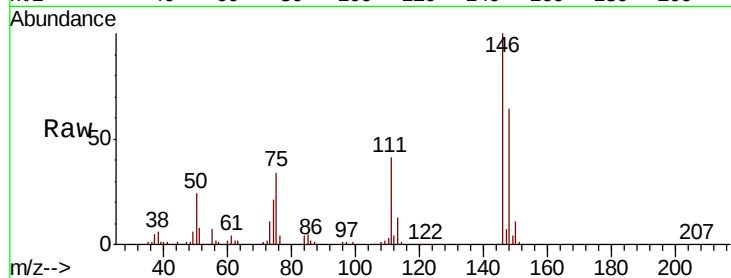




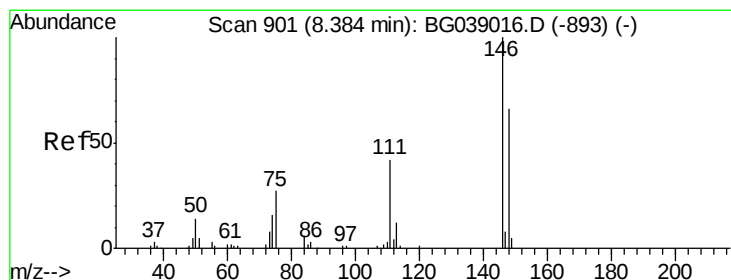
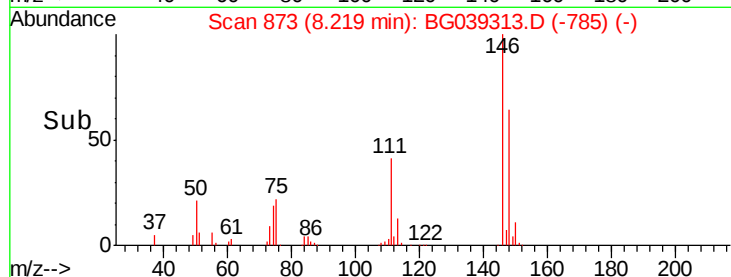
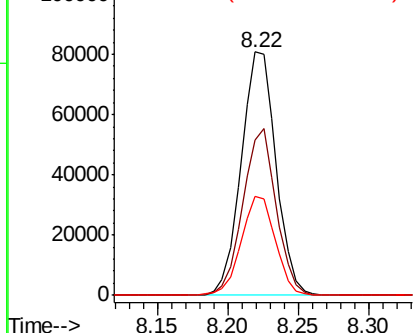
#13
 1,4-Dichlorobenzene
 Concen: 40.187 ng
 RT: 8.22 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BG039313.D
 Acq: 29 Jan 2019 11:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 139456
 Ion Ratio Lower Upper
 146 100
 148 63.9 49.8 74.6
 111 40.7 30.6 45.8

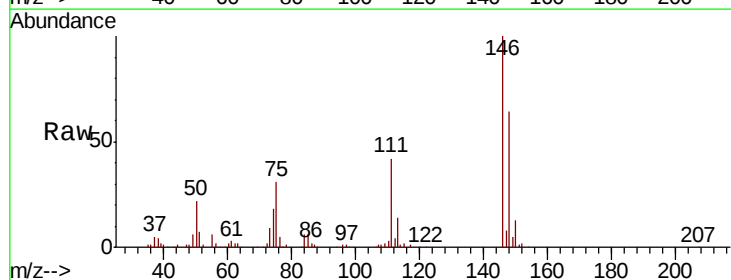


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

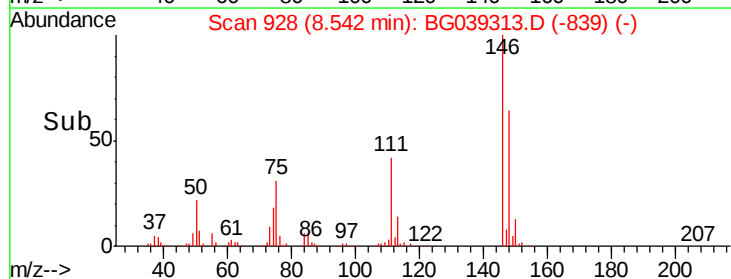
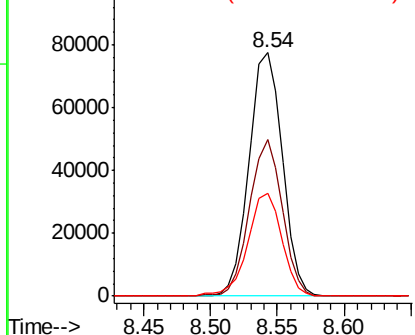


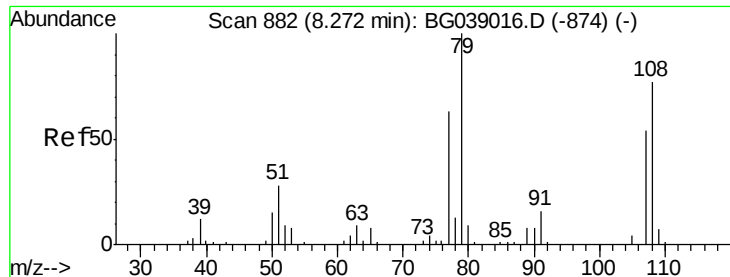
#14
 1,2-Dichlorobenzene
 Concen: 40.349 ng
 RT: 8.54 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BG039313.D
 Acq: 29 Jan 2019 11:34

Tgt Ion:146 Resp: 133501
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.6 79.0
 111 42.2 34.6 51.8



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: 47.738 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.02 min

Lab File: BG039313.D

Acq: 29 Jan 2019 11:34

Instrument :
BNA_F
ClientSampled :

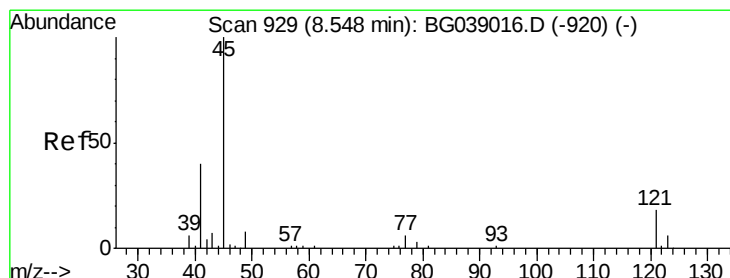
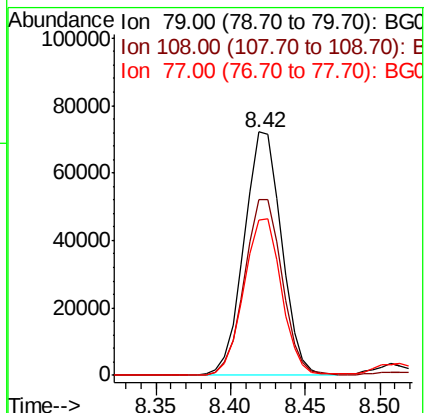
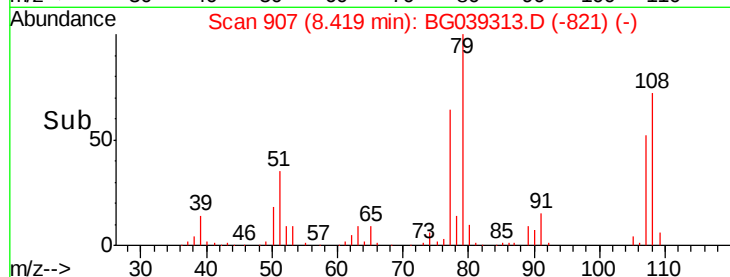
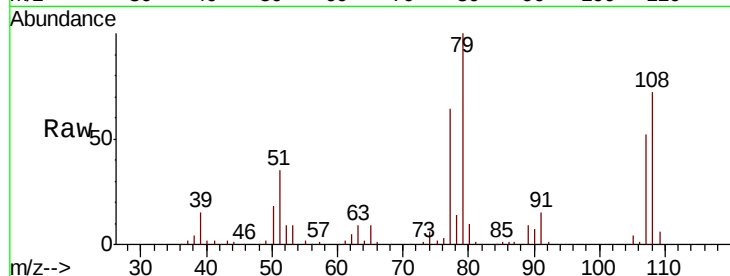
Tot Ion: 79 Resp: 125517

Ion Ratio Lower Upper

79 100

108 72.2 62.0 93.0

77 63.9 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 55.214 ng

RT: 8.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BG039313.D

Acq: 29 Jan 2019 11:34

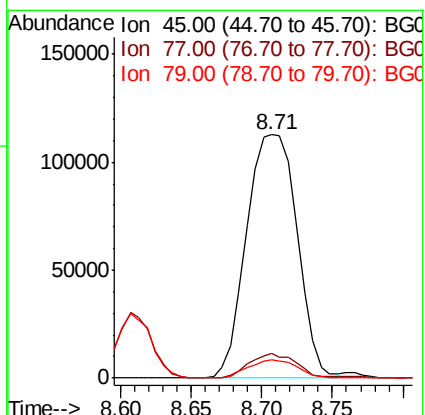
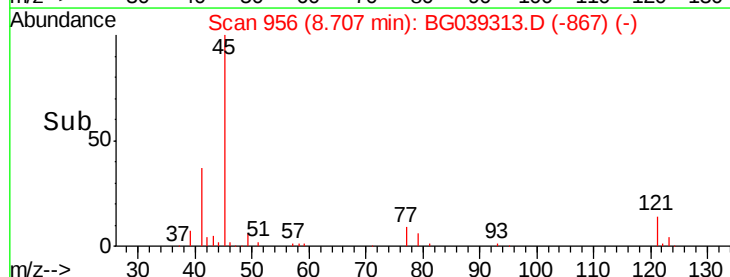
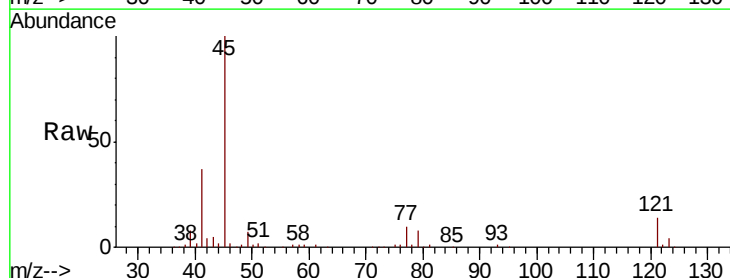
Tgt Ion: 45 Resp: 283247

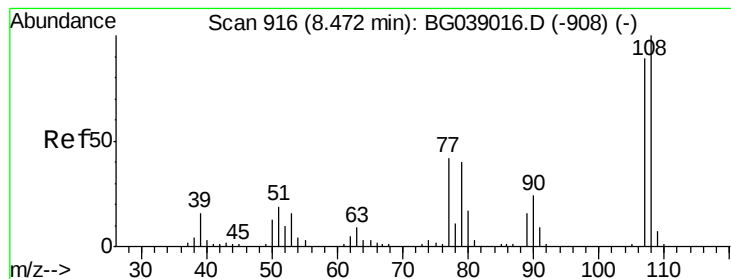
Ion Ratio Lower Upper

45 100

77 10.0 0.0 30.7

79 7.5 0.0 28.5

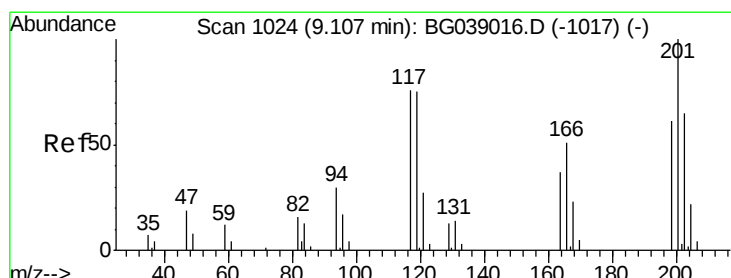
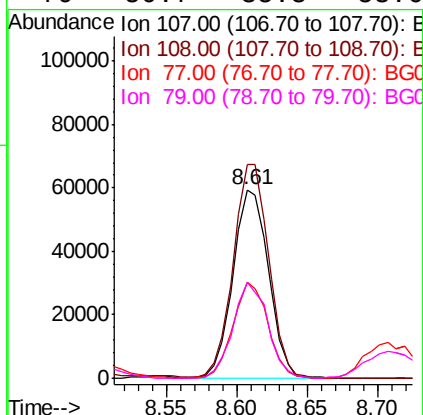
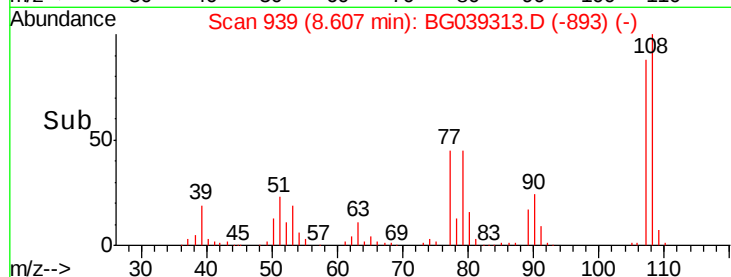
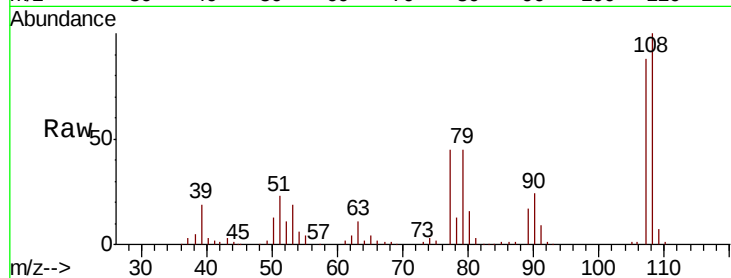




#17
2-Methylphenol
Concen: 43.220 ng
RT: 8.61 min Scan# 939
Delta R.T. -0.03 min
Lab File: BG039313.D
Acq: 29 Jan 2019 11:34

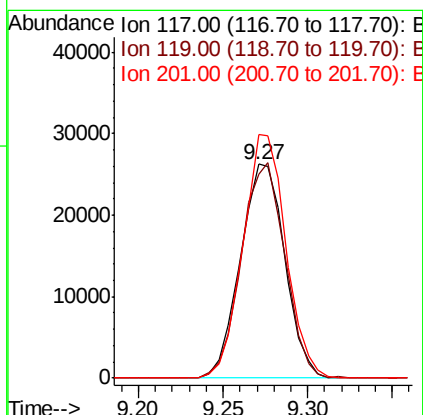
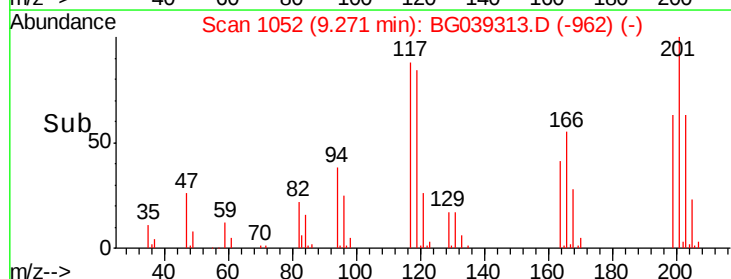
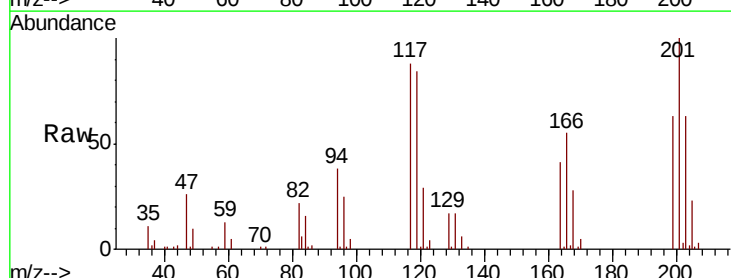
Instrument :
BNA_F
ClientSampleId :

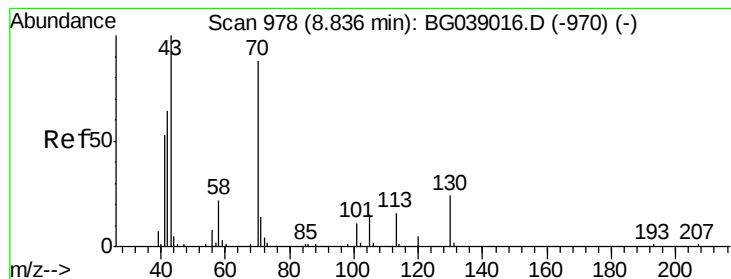
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.5	90.3	135.5
77	50.9	38.3	57.5
79	50.7	35.8	53.6



#18
Hexachloroethane
Concen: 40.590 ng
RT: 9.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BG039313.D
Acq: 29 Jan 2019 11:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	78.7	118.1
201	113.9	108.1	162.1





#19

n-Nitroso-di-n-propylamine

Concen: 49.318 ng

RT: 8.99 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BG039313.D

Acq: 29 Jan 2019 11:34

Instrument :

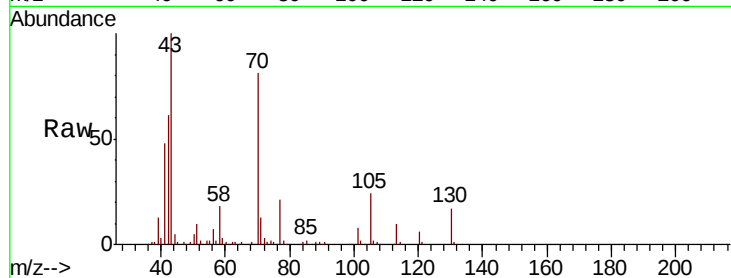
BNA_F

ClientSampled :

Tot Ion: 70 Resp: 113073

Ion Ratio Lower Upper

70	100		
42	75.5	59.0	88.4
101	9.4	10.4	15.6
130	21.1	21.6	32.4



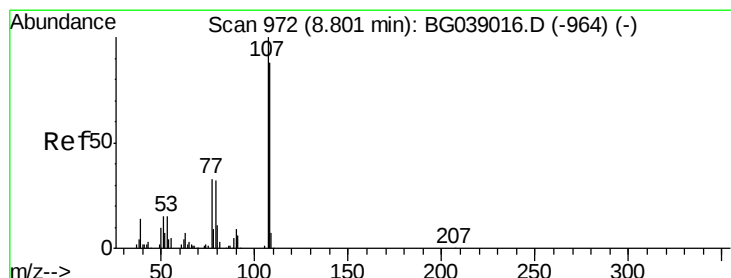
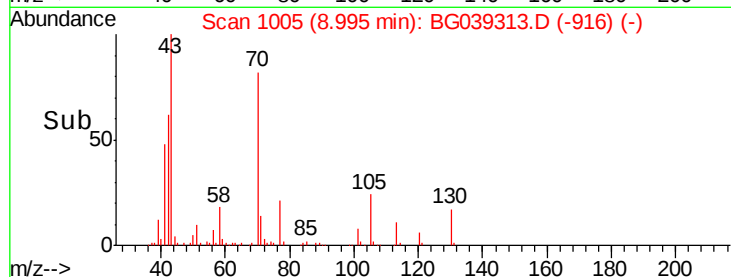
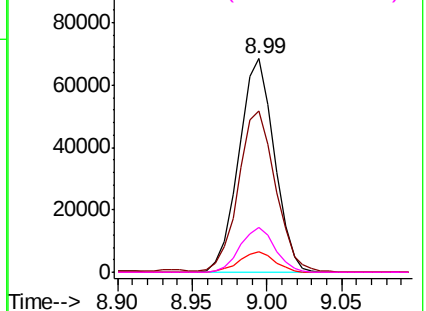
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 43.009 ng

RT: 8.94 min Scan# 996

Delta R.T. -0.03 min

Lab File: BG039313.D

Acq: 29 Jan 2019 11:34

Tgt Ion: 107 Resp: 149043

Ion Ratio Lower Upper

107	100		
108	87.9	68.4	108.4
77	35.4	13.3	53.3
79	33.7	11.6	51.6

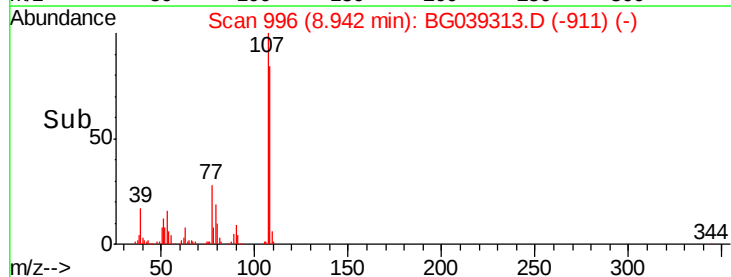
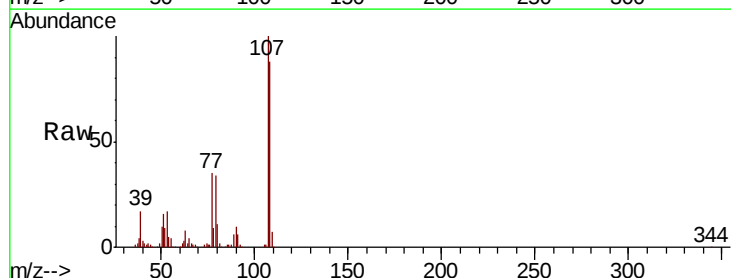
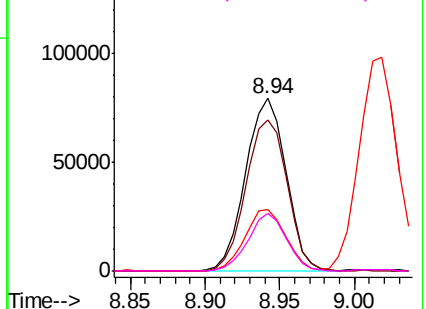
Abundance

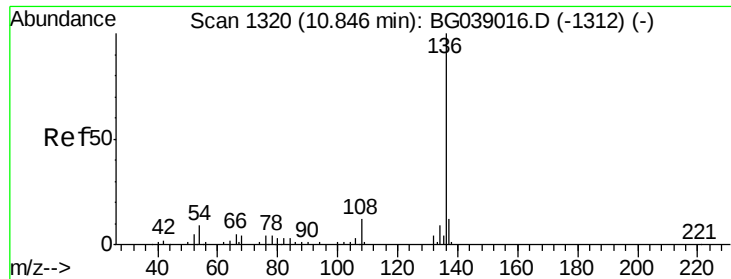
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

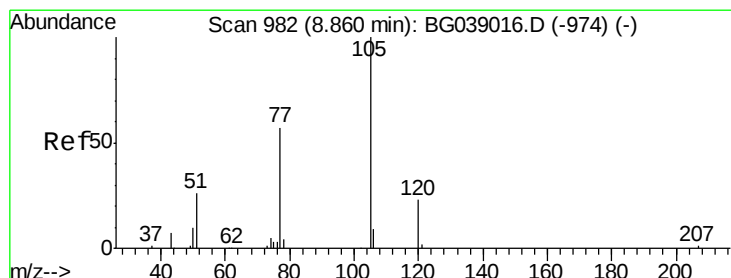
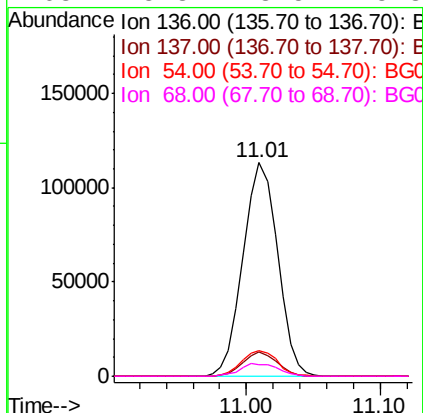
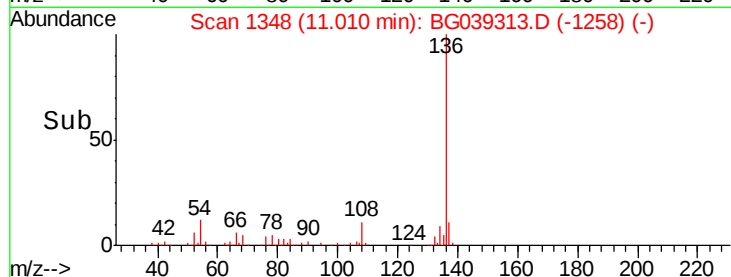
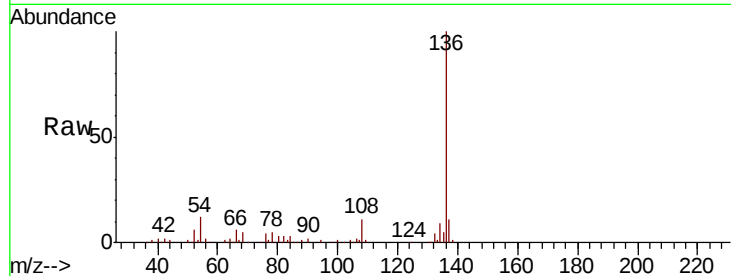




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.01 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BG039313.D
Acq: 29 Jan 2019 11:34

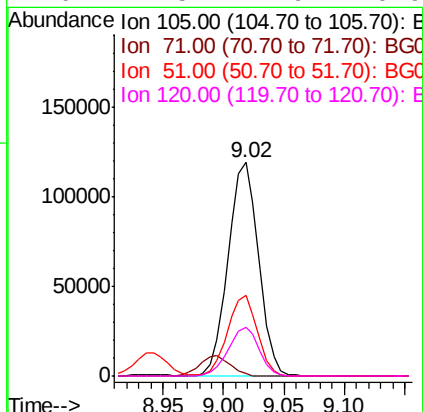
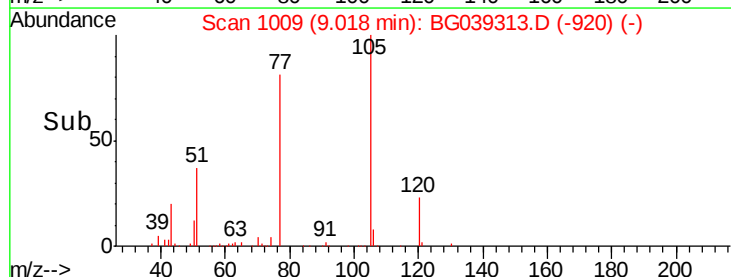
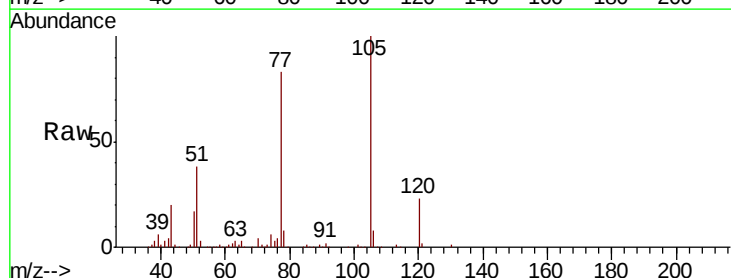
Instrument :
BNA_F
ClientSampleId :

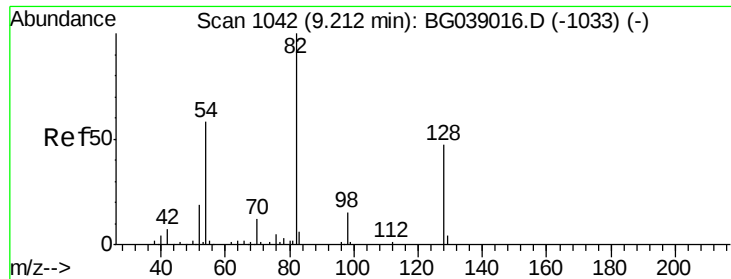
Tot Ion:136	Resp:	203432
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.4 14.2
54	11.8	7.2 10.8#
68	5.3	3.5 5.3#



#22
Acetophenone
Concen: 39.290 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG039313.D
Acq: 29 Jan 2019 11:34

Tgt Ion:105	Resp:	208733
Ion Ratio	Lower	Upper
105	100	
71	1.0	0.6 1.0#
51	37.7	26.6 39.8
120	22.5	17.9 26.9

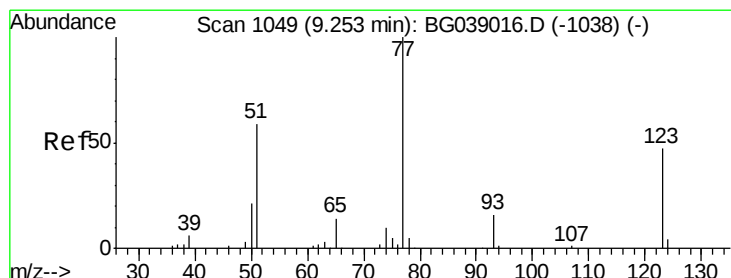
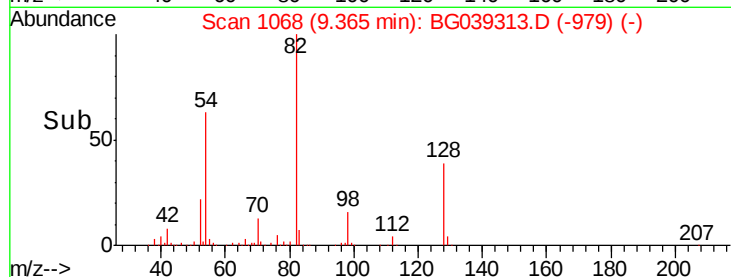
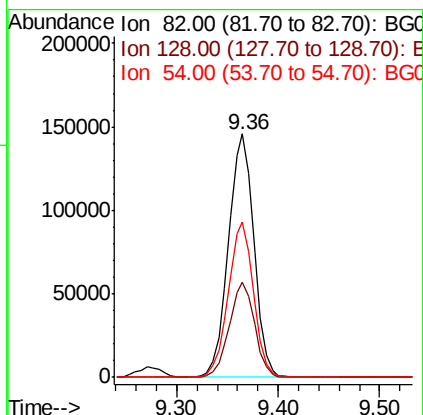
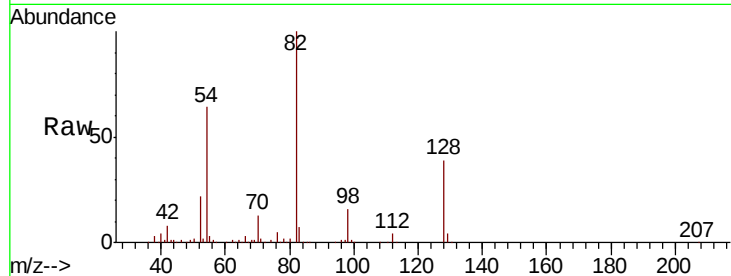




#23
 Nitrobenzene-d5
 Concen: 68.114 ng
 RT: 9.36 min Scan# 1068
 Delta R.T. -0.01 min
 Lab File: BG039313.D
 Acq: 29 Jan 2019 11:34

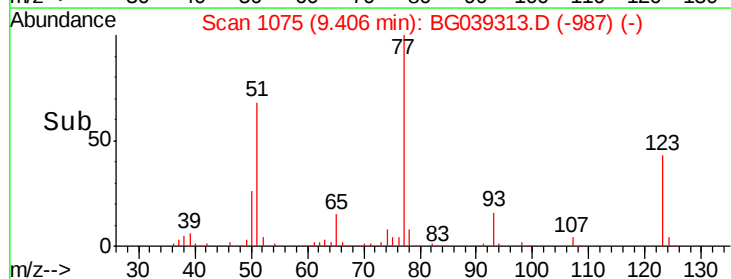
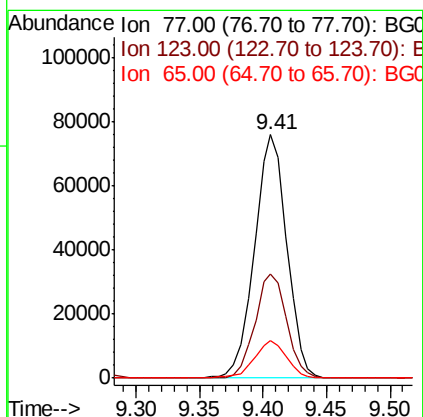
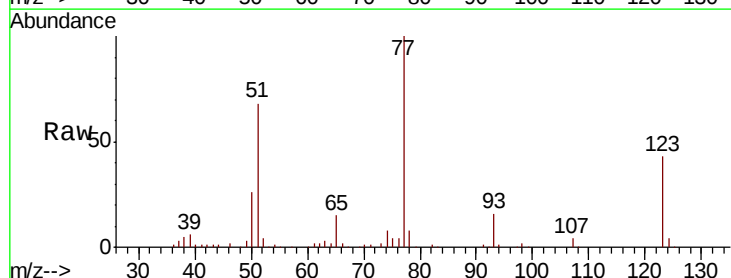
Instrument :
 BNA_F
 ClientSampleId :

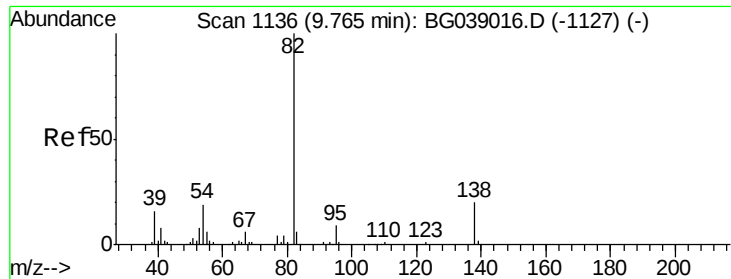
Tot Ion	82	Resp	253229
Ion Ratio	Lower	Upper	
82	100		
128	39.1	37.3	55.9
54	63.6	46.4	69.6



#24
 Nitrobenzene
 Concen: 35.876 ng
 RT: 9.41 min Scan# 1075
 Delta R.T. -0.01 min
 Lab File: BG039313.D
 Acq: 29 Jan 2019 11:34

Tgt Ion	77	Resp	134812
Ion Ratio	Lower	Upper	
77	100		
123	42.6	37.6	56.4
65	15.4	11.0	16.6





#25

Isophorone

Concen: 43.651 ng

RT: 9.92 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BG039313.D

Acq: 29 Jan 2019 11:34

Instrument :

BNA_F

ClientSampleId :

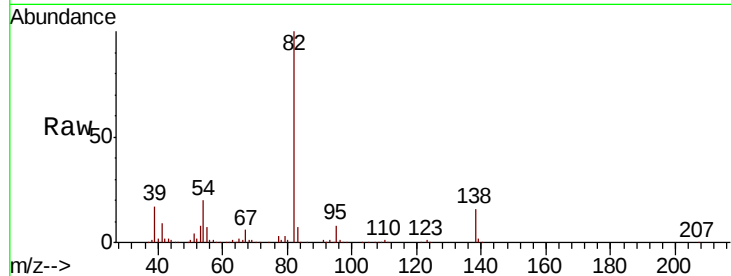
Tot Ion: 82 Resp: 279541

Ion Ratio Lower Upper

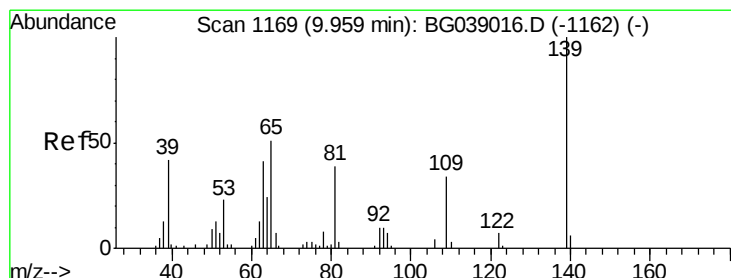
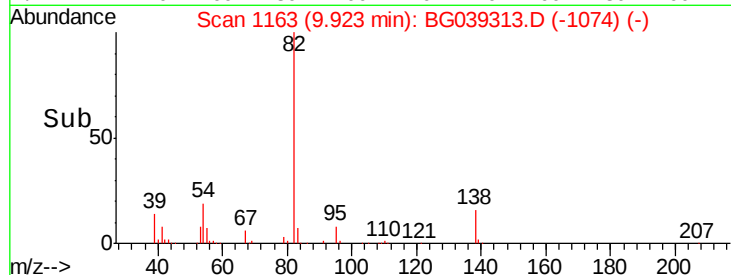
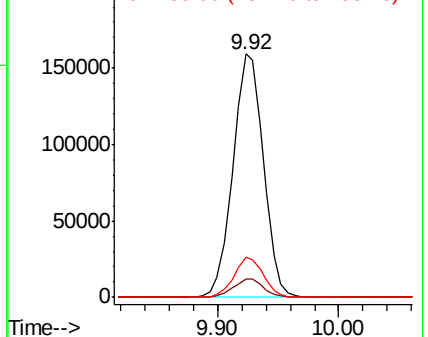
82 100

95 7.7 7.0 10.6

138 16.2 16.2 24.4#



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



#26

2-Nitrophenol

Concen: 23.931 ng

RT: 10.12 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BG039313.D

Acq: 29 Jan 2019 11:34

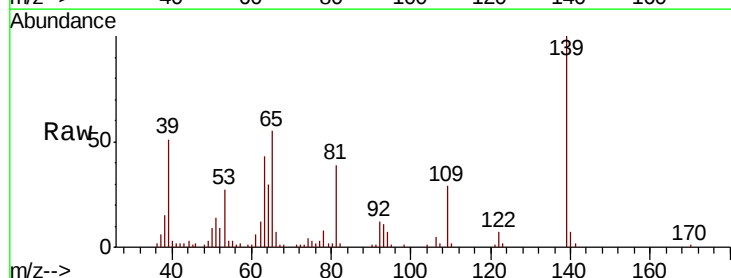
Tgt Ion: 139 Resp: 48641

Ion Ratio Lower Upper

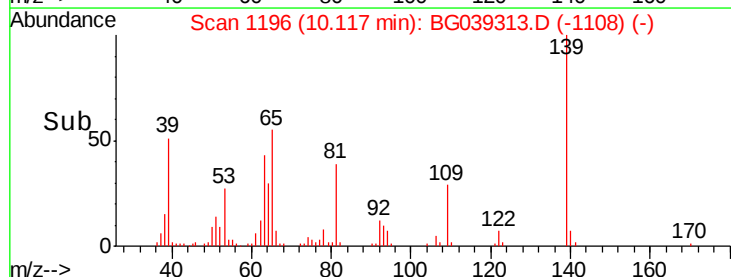
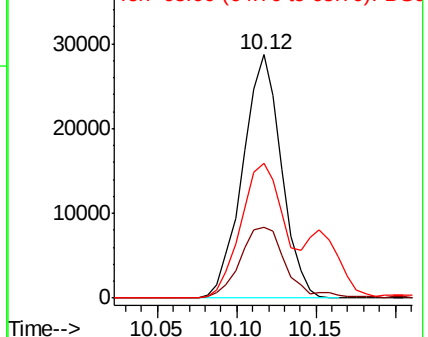
139 100

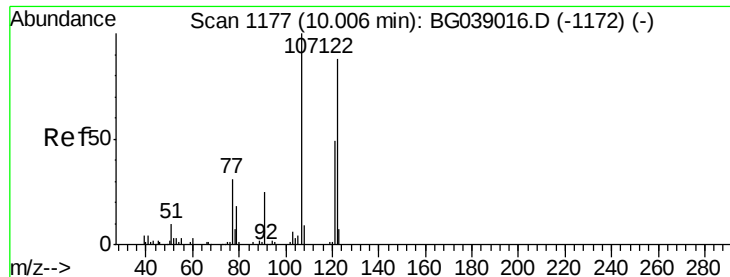
109 29.2 27.3 40.9

65 55.4 40.6 61.0



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

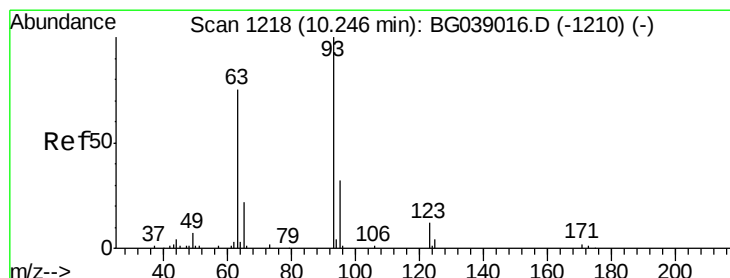
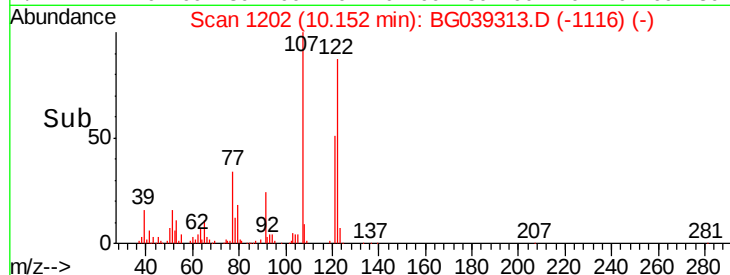
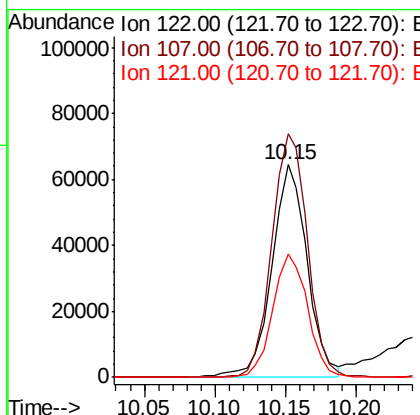
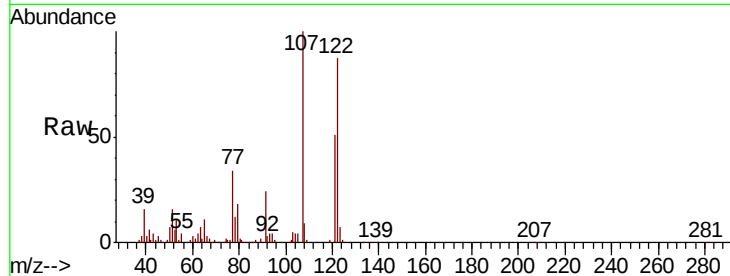




#27
2,4-Dimethylphenol
Concen: 39.379 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BG039313.D
Acq: 29 Jan 2019 11:34

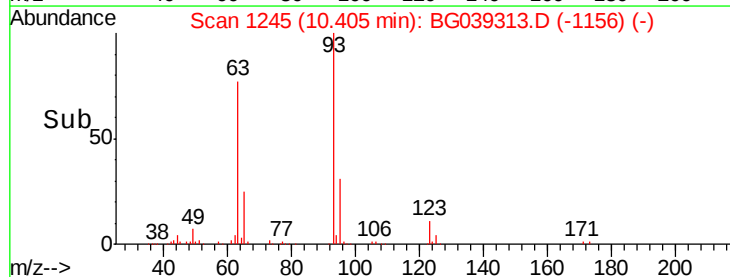
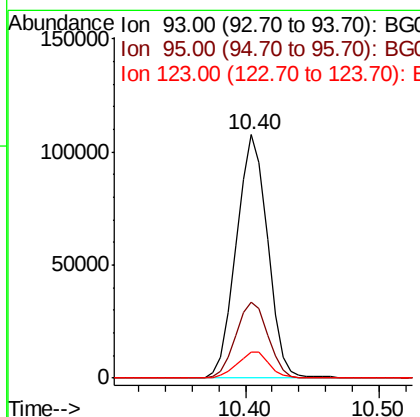
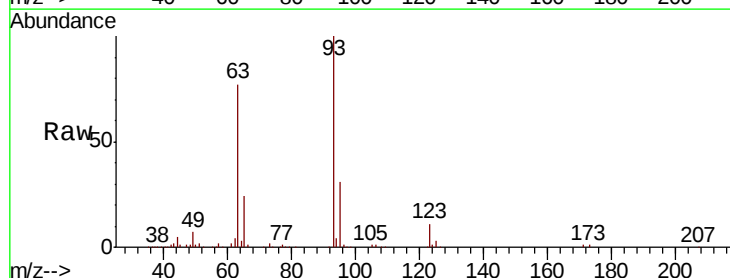
Instrument :
BNA_F
ClientSampleId :

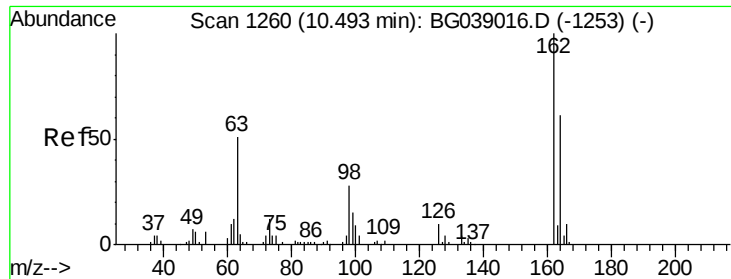
Tot Ion:122 Resp: 112605
Ion Ratio Lower Upper
122 100
107 114.6 88.8 133.2
121 58.0 43.1 64.7



#28
bis(2-Chloroethoxy)methane
Concen: 45.409 ng
RT: 10.40 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BG039313.D
Acq: 29 Jan 2019 11:34

Tgt Ion: 93 Resp: 174772
Ion Ratio Lower Upper
93 100
95 31.2 25.6 38.4
123 10.7 10.1 15.1

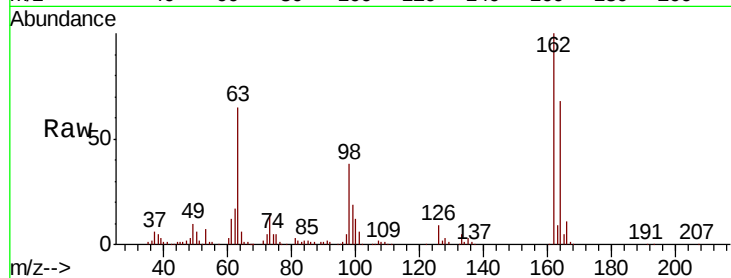




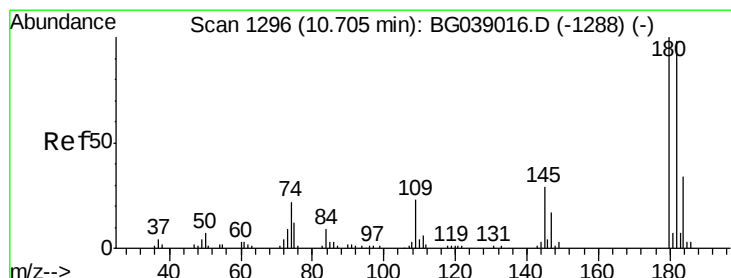
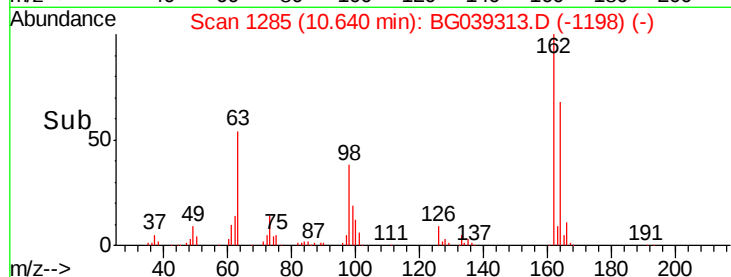
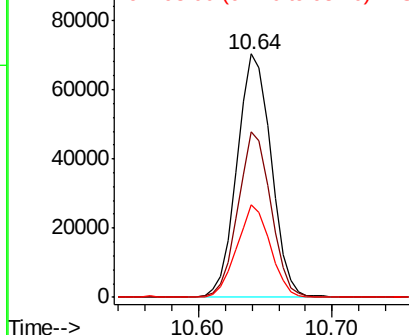
#29
2,4-Dichlorophenol
Concen: 35.039 ng
RT: 10.64 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BG039313.D
Acq: 29 Jan 2019 11:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	68.1	41.3	81.3
98	38.1	8.3	48.3

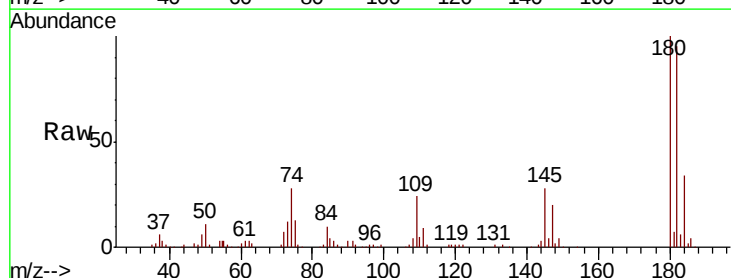


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

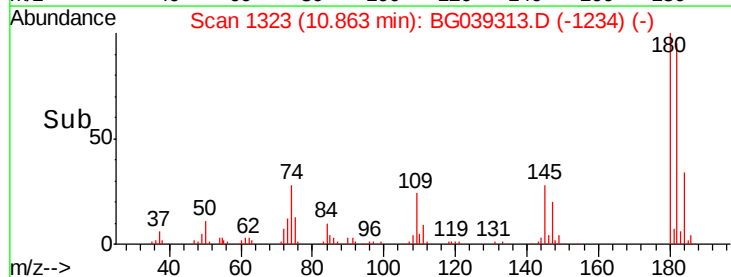
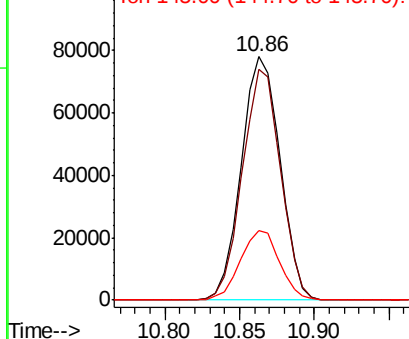


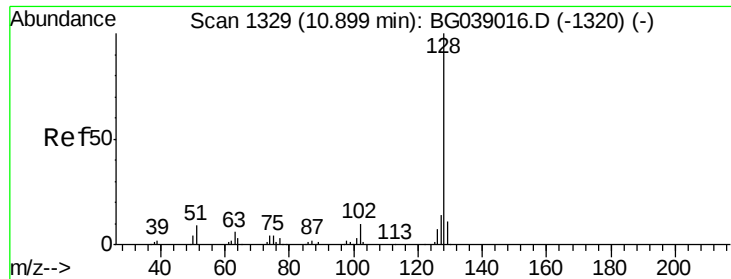
#30
1,2,4-Trichlorobenzene
Concen: 32.841 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG039313.D
Acq: 29 Jan 2019 11:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	78.1	117.1
145	28.4	23.1	34.7



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

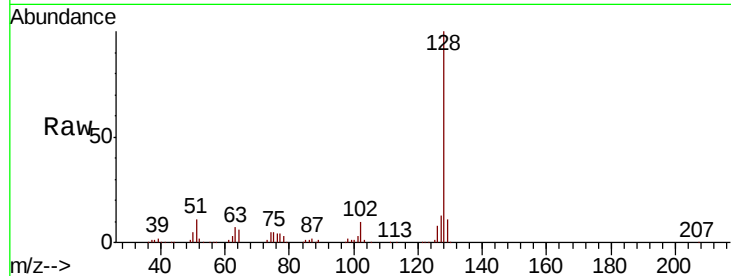




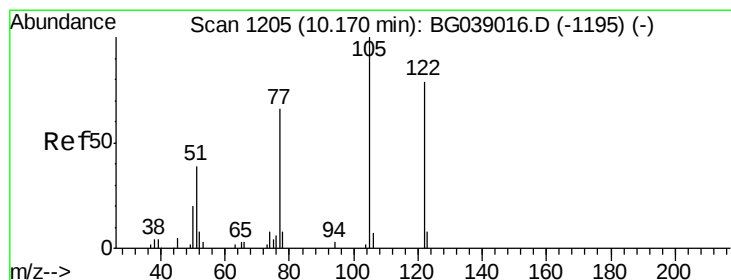
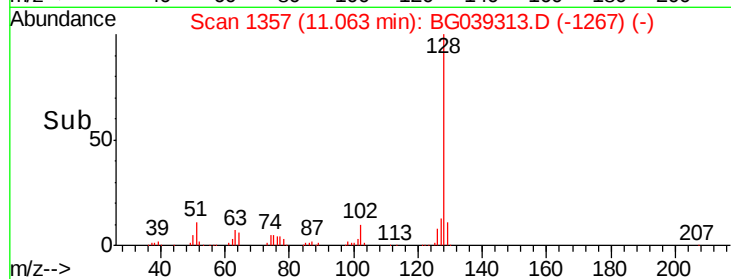
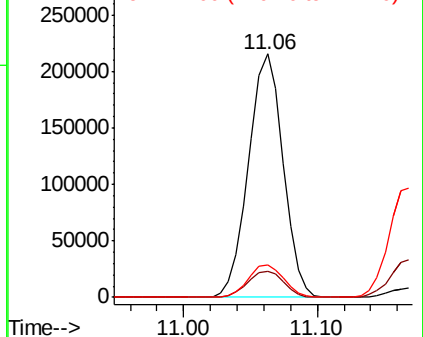
#31
Naphthalene
Concen: 37.642 ng
RT: 11.06 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BG039313.D
Acq: 29 Jan 2019 11:34

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.1	13.7
127	13.5	11.2	16.8

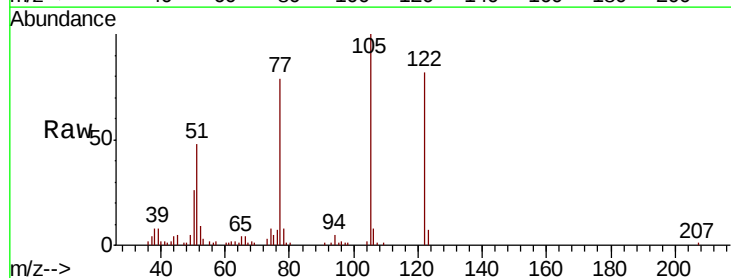


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

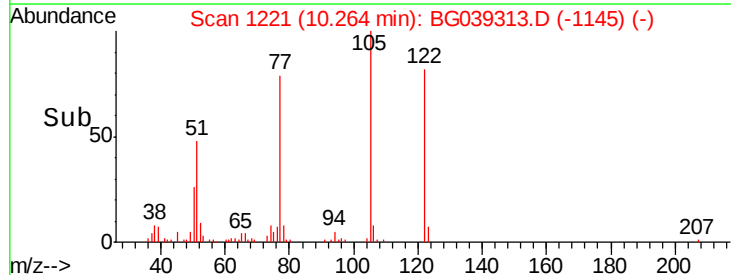
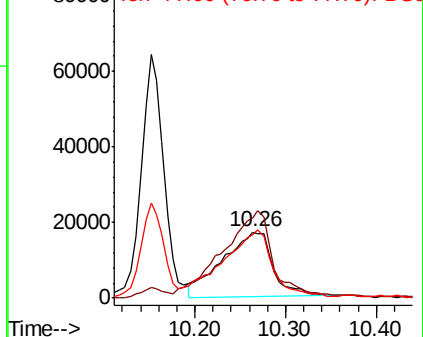


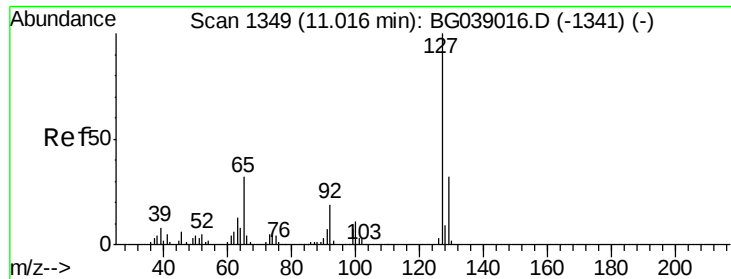
#32
Benzoic acid
Concen: 43.093 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.08 min
Lab File: BG039313.D
Acq: 29 Jan 2019 11:34

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.8	106.4	146.4
77	96.3	63.6	103.6



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

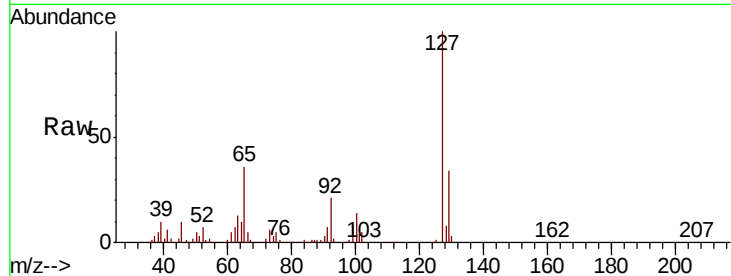




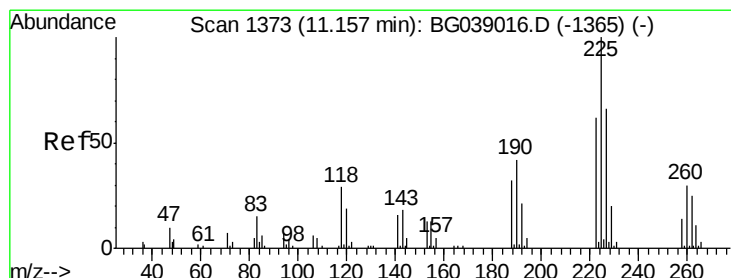
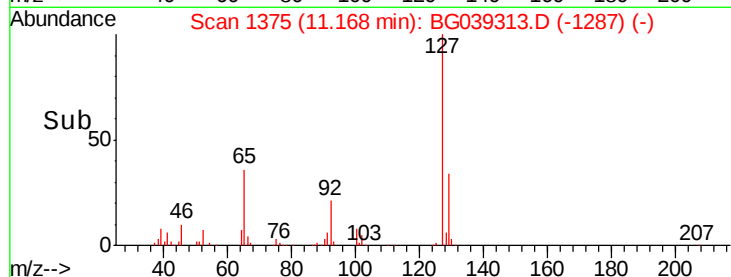
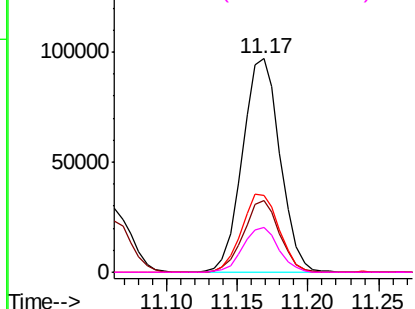
#33
4-Chloroaniline
Concen: 39.592 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BG039313.D
Acq: 29 Jan 2019 11:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	180756
Ion	Ratio	Lower	Upper
127	100		
129	33.7	25.4	38.0
65	36.0	25.4	38.0
92	20.8	15.2	22.8

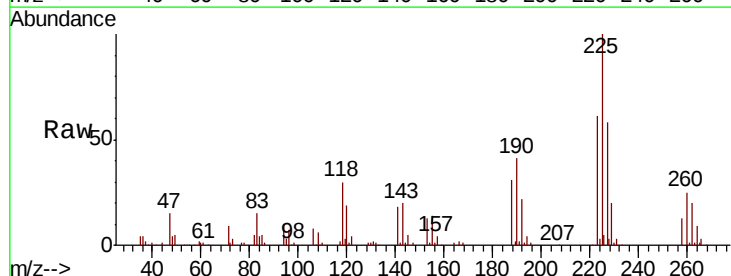


Abundance Ion 127.00 (126.70 to 127.70): E
150000 Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

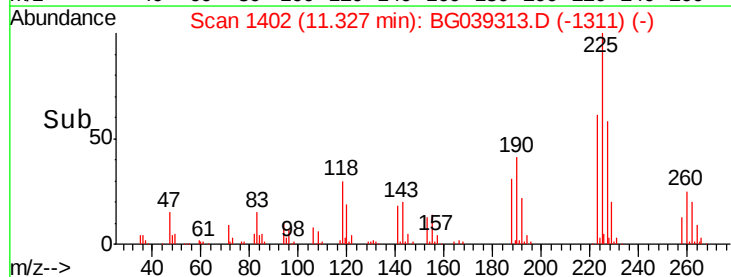
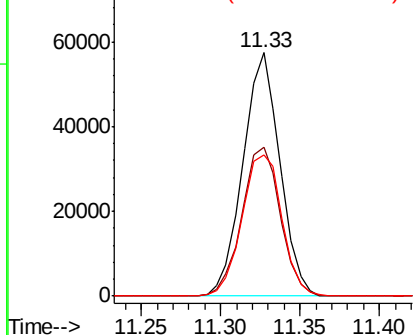


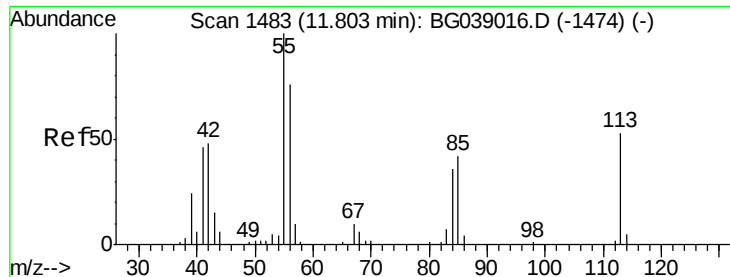
#34
Hexachlorobutadiene
Concen: 31.568 ng
RT: 11.33 min Scan# 1402
Delta R.T. 0.01 min
Lab File: BG039313.D
Acq: 29 Jan 2019 11:34

Tgt Ion:	225	Resp:	92715
Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.2	75.4
227	57.9	53.2	79.8



Abundance Ion 225.00 (224.70 to 225.70): E
80000 Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

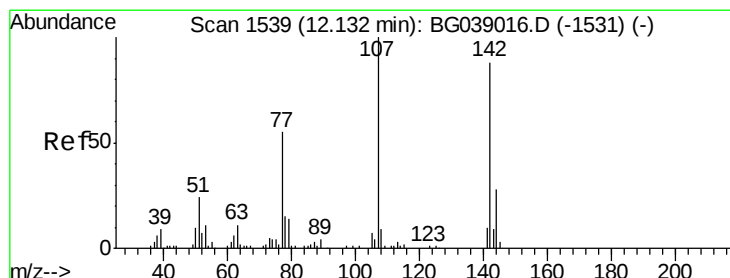
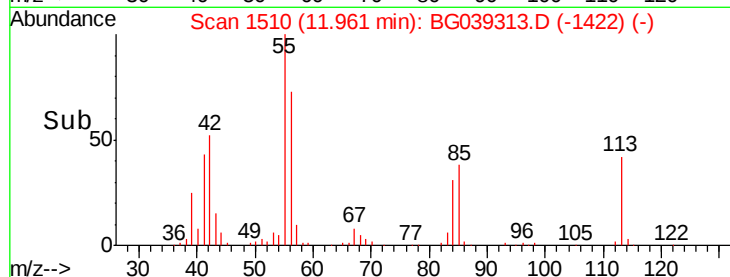
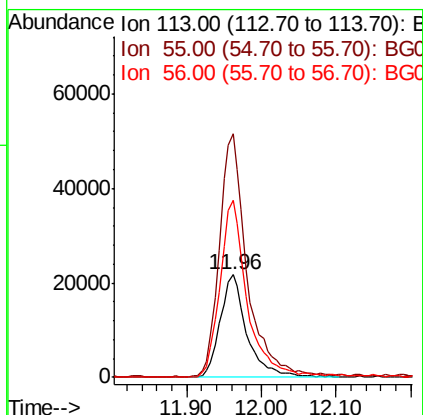
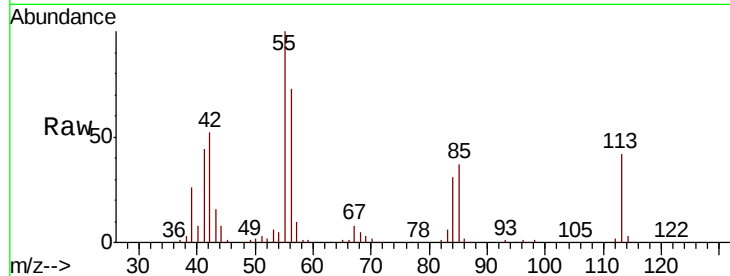




#35
 Caprolactam
 Concen: 38.025 ng
 RT: 11.96 min Scan# 1510
 Delta R.T. -0.01 min
 Lab File: BG039313.D
 Acq: 29 Jan 2019 11:34

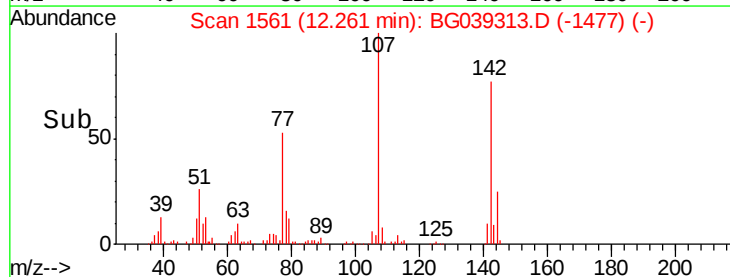
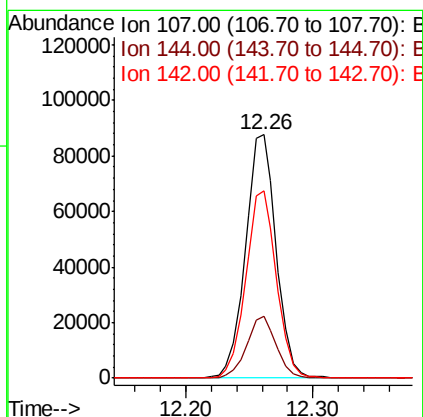
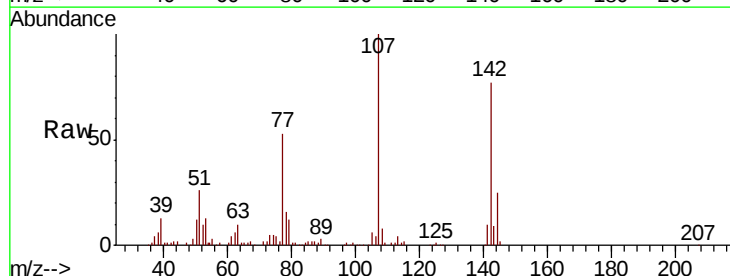
Instrument :
 BNA_F
 ClientSampleID :

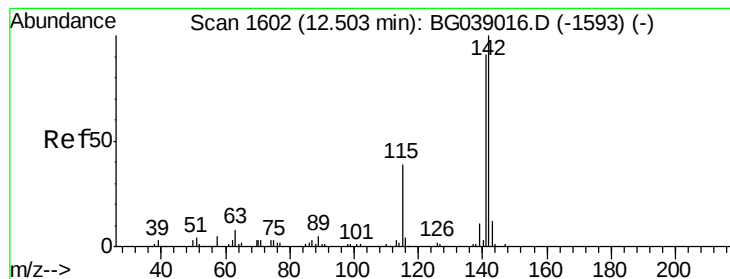
Tot Ion:113 Resp: 54168
 Ion Ratio Lower Upper
 113 100
 55 236.9 168.6 208.6#
 56 172.6 123.2 163.2#



#36
 4-Chloro-3-methylphenol
 Concen: 38.621 ng
 RT: 12.26 min Scan# 1561
 Delta R.T. -0.04 min
 Lab File: BG039313.D
 Acq: 29 Jan 2019 11:34

Tgt Ion:107 Resp: 146743
 Ion Ratio Lower Upper
 107 100
 144 25.2 22.6 34.0
 142 76.8 70.2 105.4





#37

2-Methylnaphthalene

Concen: 37.153 ng

RT: 12.65 min Scan# 1627

Delta R.T. -0.02 min

Lab File: BG039313.D

Acq: 29 Jan 2019 11:34

Instrument :

BNA_F

ClientSampleId :

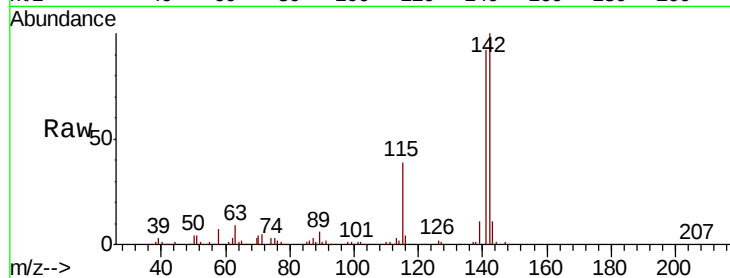
Tot Ion:142 Resp: 284209

Ion Ratio Lower Upper

142 100

141 91.9 72.6 109.0

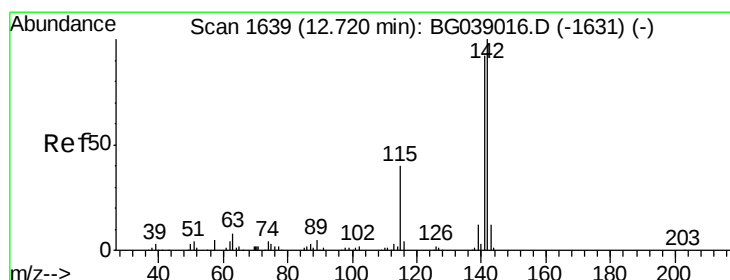
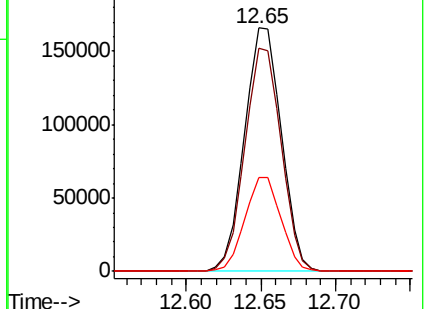
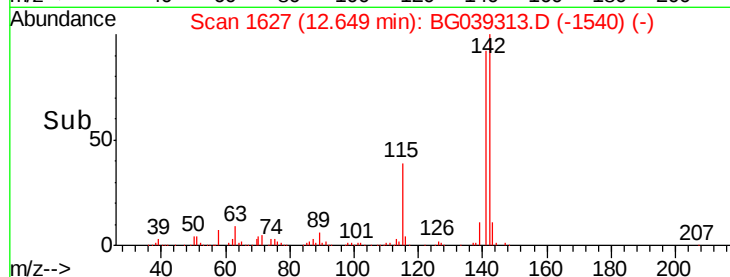
115 38.5 31.1 46.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 37.413 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BG039313.D

Acq: 29 Jan 2019 11:34

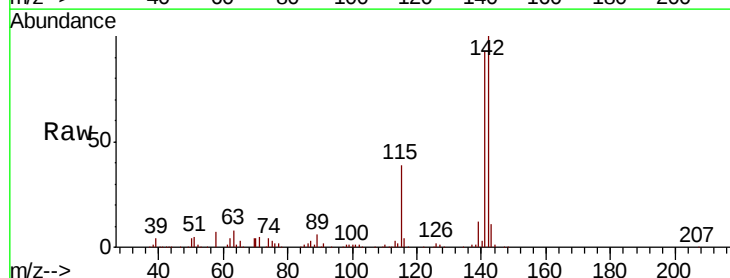
Tgt Ion:142 Resp: 274701

Ion Ratio Lower Upper

142 100

141 92.8 73.3 109.9

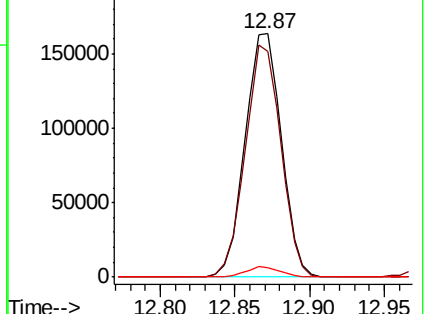
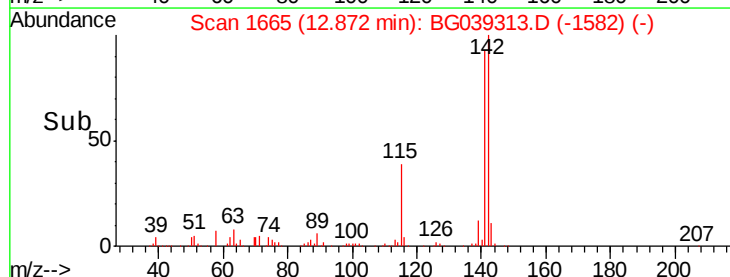
116 3.8 3.1 4.7

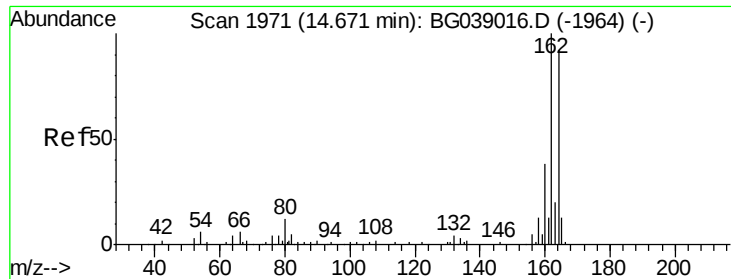


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.81 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BG039313.D

Acq: 29 Jan 2019 11:34

Instrument :

BNA_F

ClientSampled :

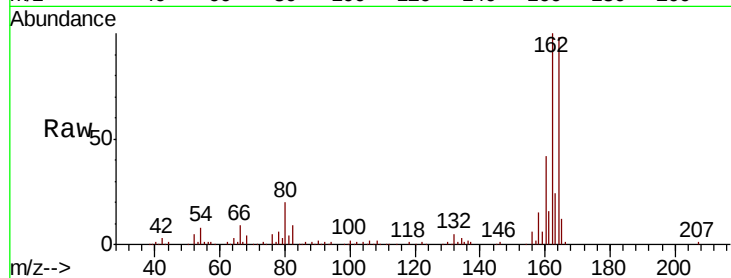
Tot Ion:164 Resp: 133781

Ion Ratio Lower Upper

164 100

162 102.0 87.2 130.8

160 42.7 33.3 49.9

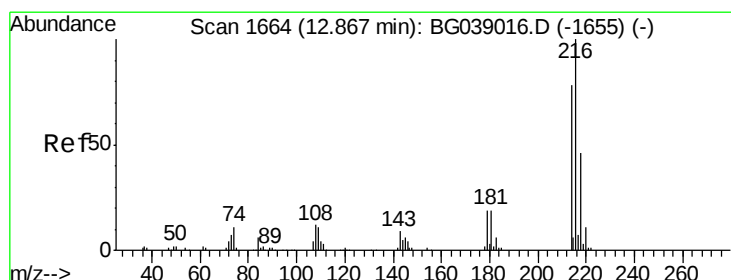
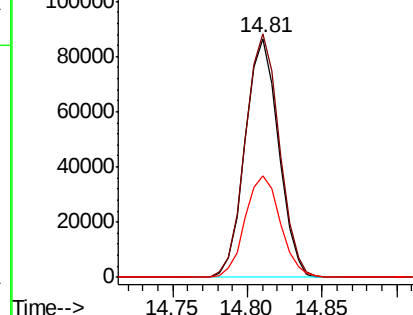
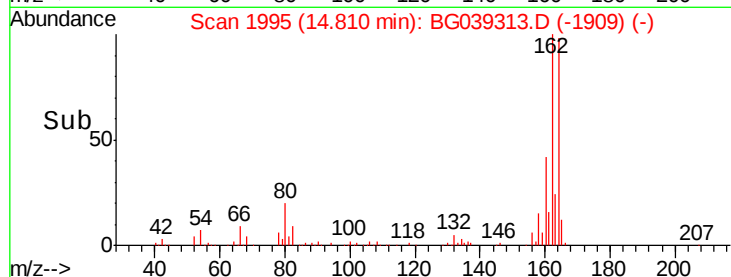


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 32.898 ng

RT: 13.01 min Scan# 1688

Delta R.T. -0.02 min

Lab File: BG039313.D

Acq: 29 Jan 2019 11:34

Tgt Ion:216 Resp: 165287

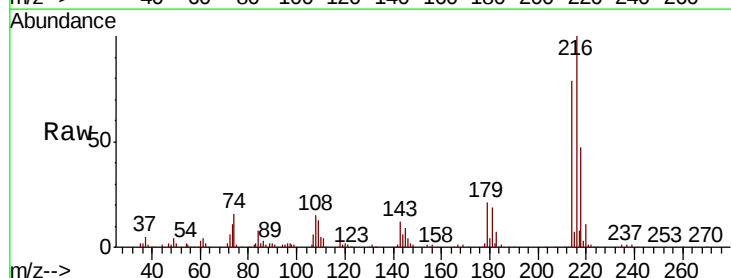
Ion Ratio Lower Upper

216 100

214 78.3 63.4 95.2

179 20.8 15.5 23.3

108 17.5 11.4 17.2#



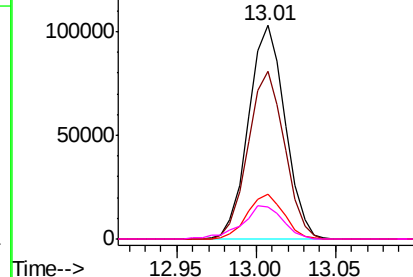
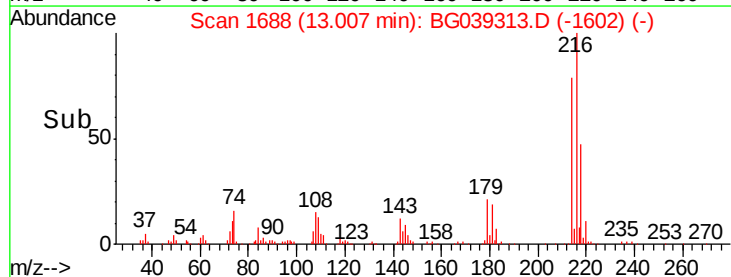
Abundance

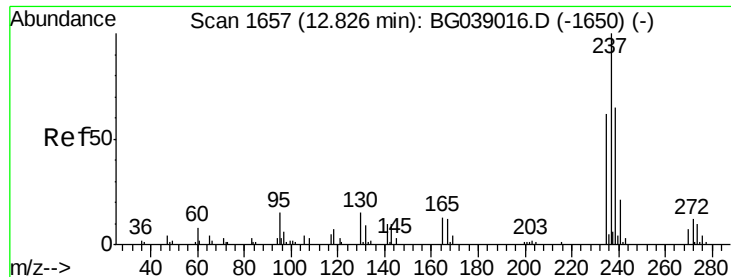
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 36.751 ng

RT: 12.98 min Scan# 1683

Delta R.T. -0.01 min

Lab File: BG039313.D

Acq: 29 Jan 2019 11:34

Instrument :

BNA_F

ClientSampleId :

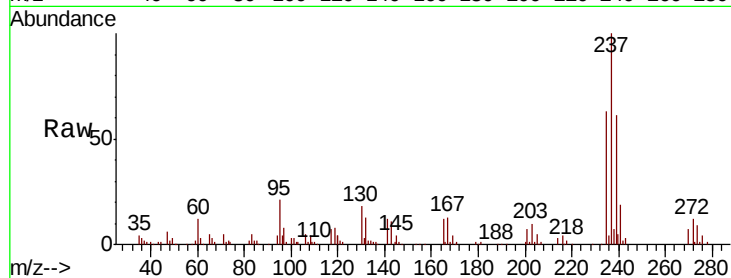
Tot Ion:237 Resp: 90782

Ion Ratio Lower Upper

237 100

235 63.3 41.7 81.7

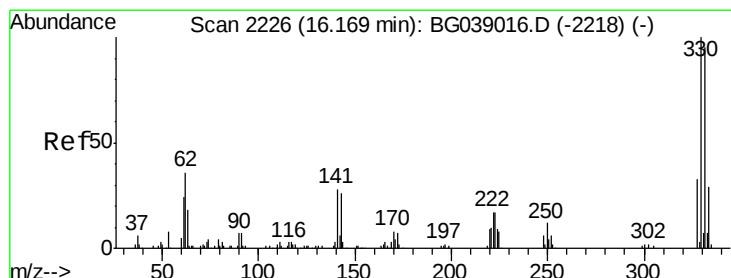
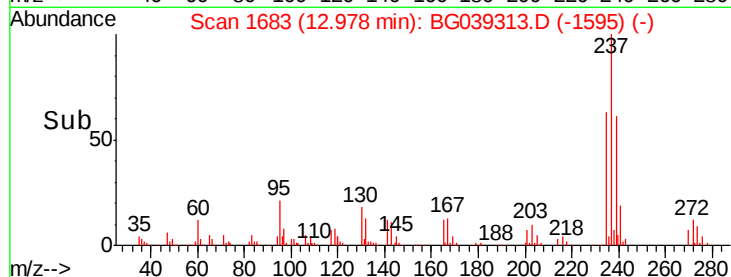
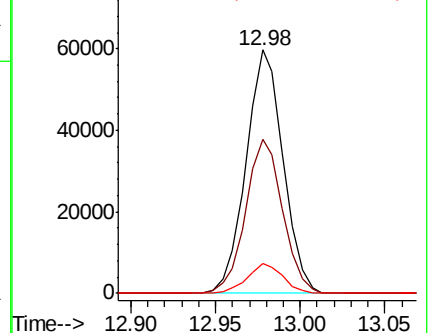
272 12.3 0.0 32.1



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: 50.658 ng

RT: 16.29 min Scan# 2247

Delta R.T. -0.04 min

Lab File: BG039313.D

Acq: 29 Jan 2019 11:34

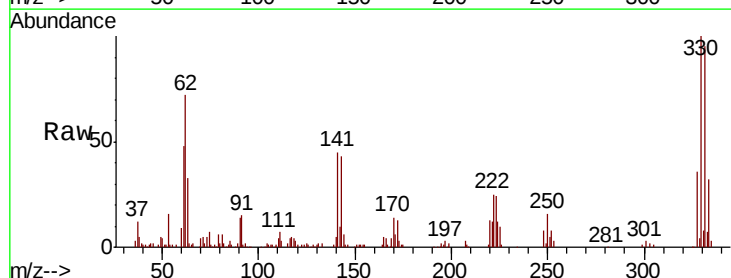
Tgt Ion:330 Resp: 113602

Ion Ratio Lower Upper

330 100

332 94.6 75.7 113.5

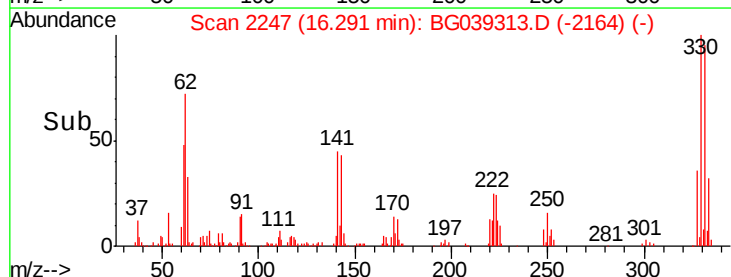
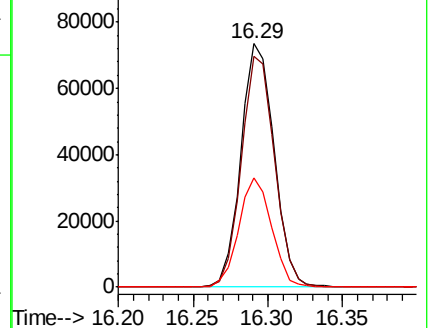
141 44.5 24.9 37.3#

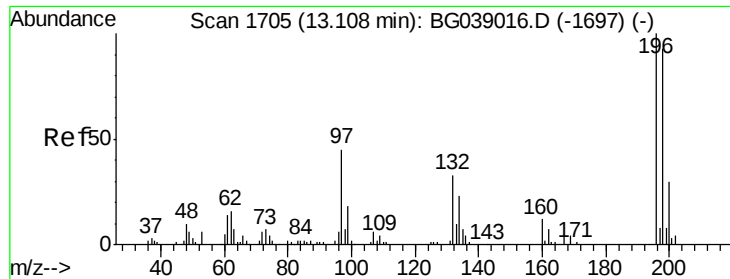


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

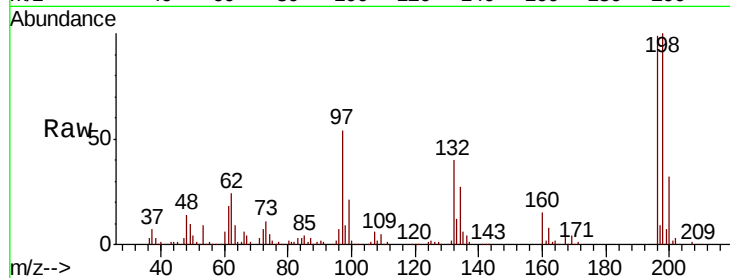




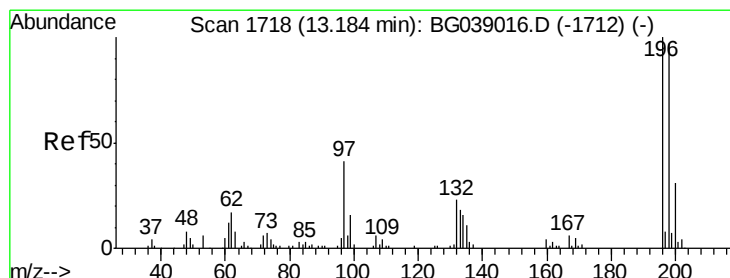
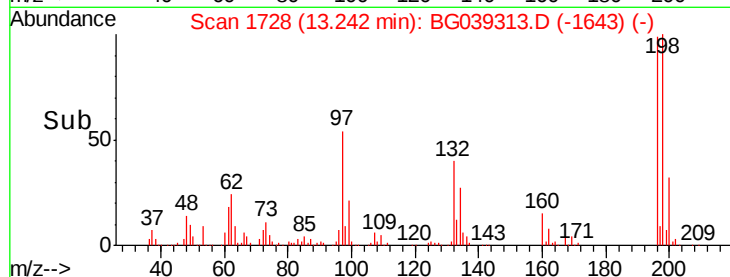
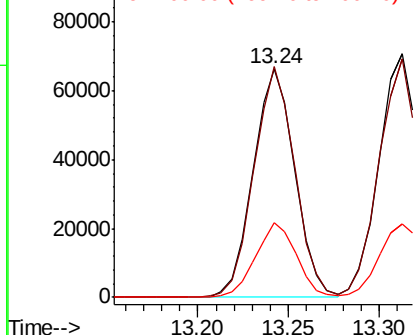
#43
 2,4,6-Trichlorophenol
 Concen: 33.433 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.03 min
 Lab File: BG039313.D
 Acq: 29 Jan 2019 11:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 105720
 Ion Ratio Lower Upper
 196 100
 198 100.8 74.5 111.7
 200 32.6 23.8 35.6



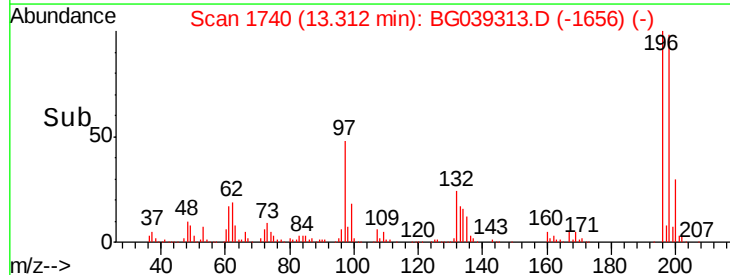
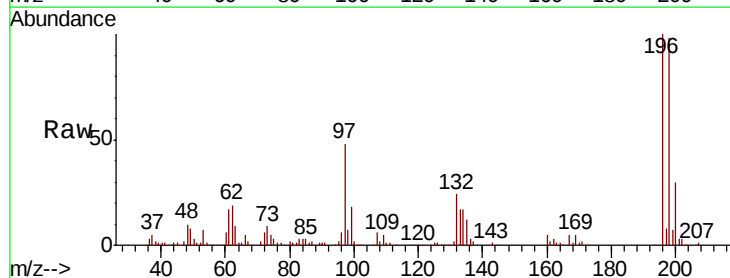
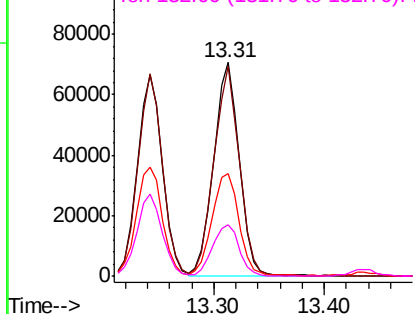
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

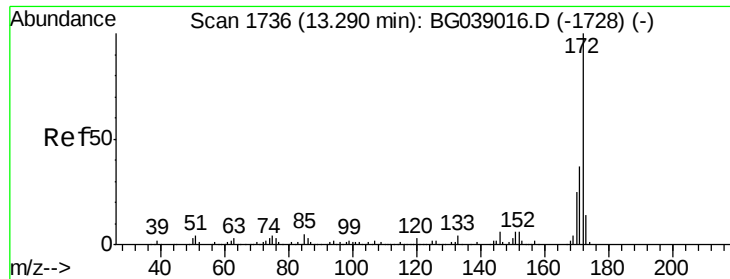


#44
 2,4,5-Trichlorophenol
 Concen: 33.966 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.04 min
 Lab File: BG039313.D
 Acq: 29 Jan 2019 11:34

Tgt Ion:196 Resp: 113519
 Ion Ratio Lower Upper
 196 100
 198 98.1 78.1 117.1
 97 48.0 33.2 49.8
 132 24.0 18.2 27.4

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

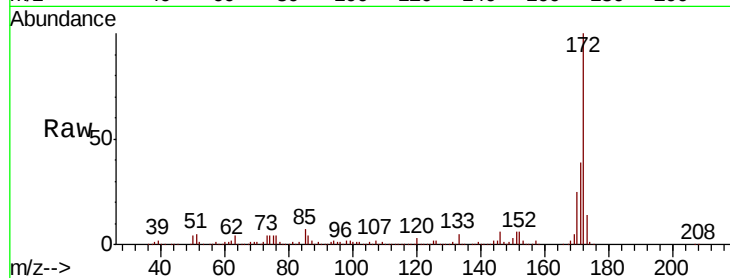




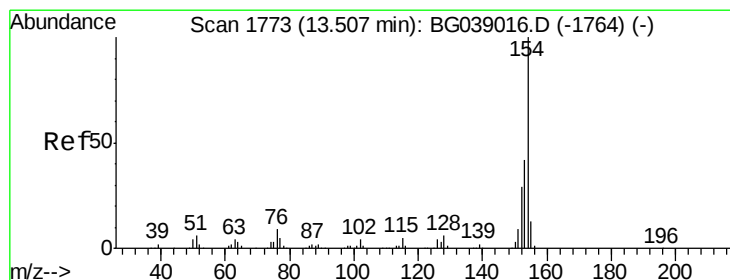
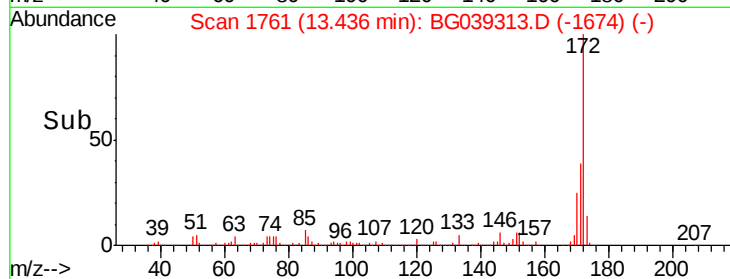
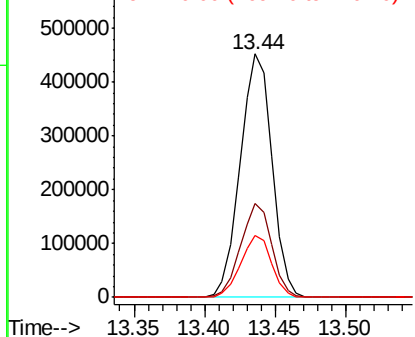
#45
2-Fluorobiphenyl
Concen: 72.787 ng
RT: 13.44 min Scan# 1761
Delta R.T. -0.02 min
Lab File: BG039313.D
Acq: 29 Jan 2019 11:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 711516
Ion Ratio Lower Upper
172 100
171 38.5 29.4 44.0
170 25.3 20.1 30.1

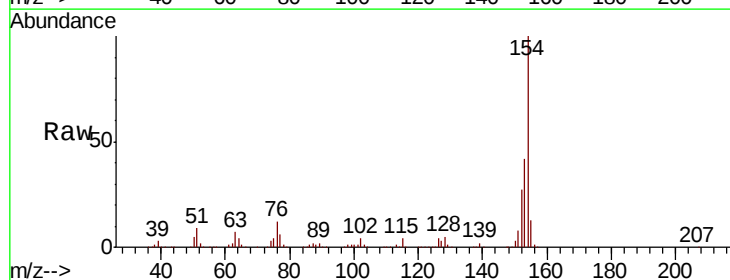


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

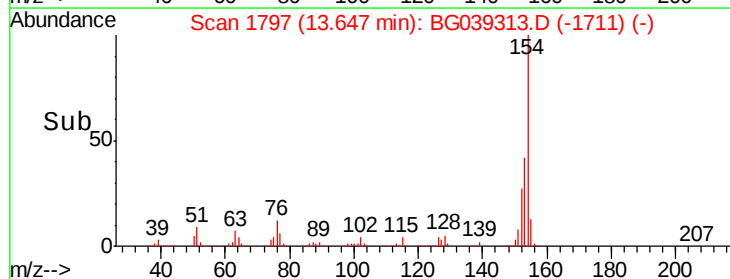
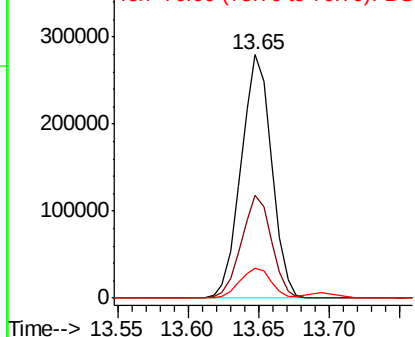


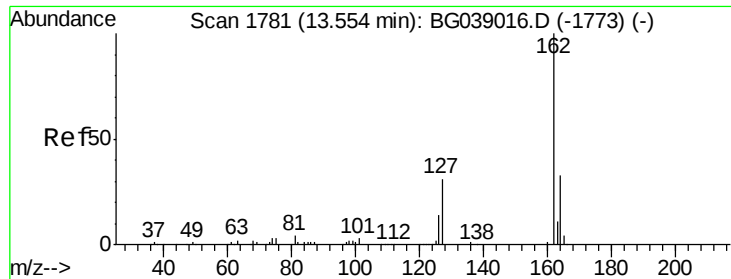
#46
1,1'-Biphenyl
Concen: 39.859 ng
RT: 13.65 min Scan# 1797
Delta R.T. -0.02 min
Lab File: BG039313.D
Acq: 29 Jan 2019 11:34

Tgt Ion:154 Resp: 422522
Ion Ratio Lower Upper
154 100
153 42.1 22.4 62.4
76 12.4 0.0 29.4



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

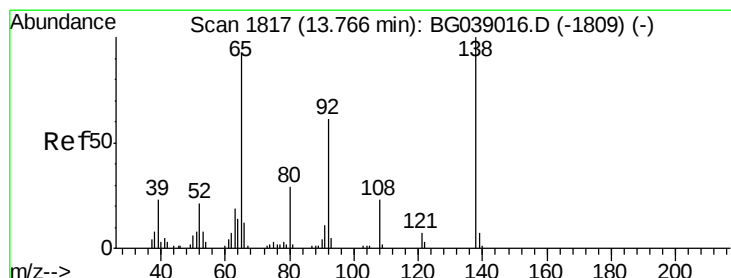
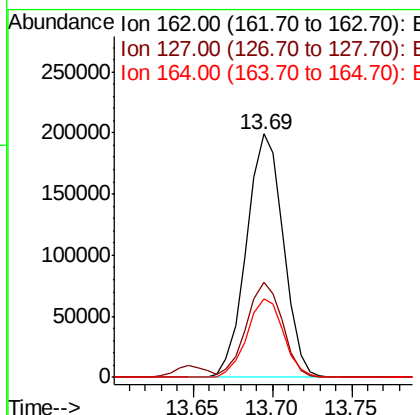
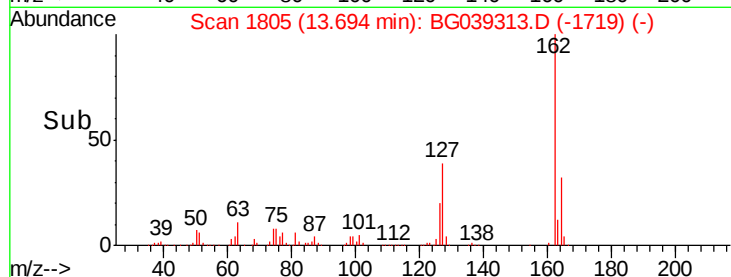
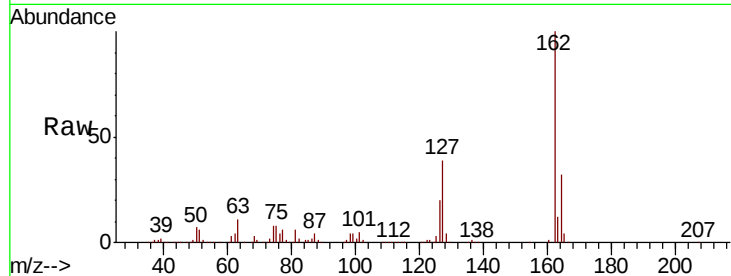




#47
2-Chloronaphthalene
Concen: 37.392 ng
RT: 13.69 min Scan# 1805
Delta R.T. -0.02 min
Lab File: BG039313.D
Acq: 29 Jan 2019 11:34

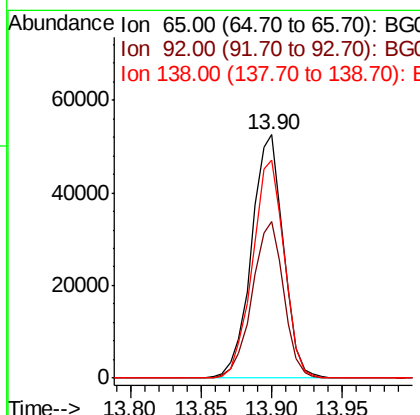
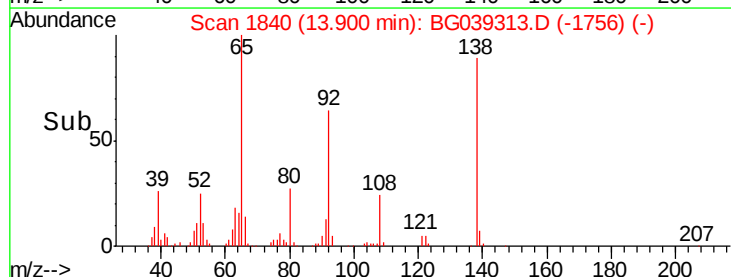
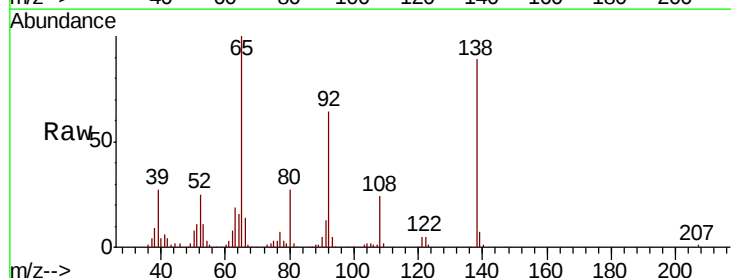
Instrument :
BNA_F
ClientSampleId :

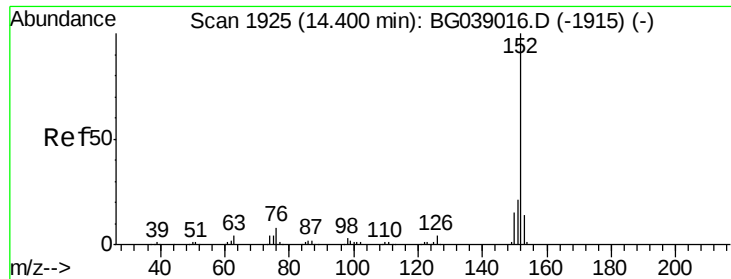
Tot Ion: 162 Resp: 320761
Ion Ratio Lower Upper
162 100
127 38.8 28.4 42.6
164 32.1 26.3 39.5



#48
2-Nitroaniline
Concen: 34.765 ng
RT: 13.90 min Scan# 1840
Delta R.T. -0.04 min
Lab File: BG039313.D
Acq: 29 Jan 2019 11:34

Tgt Ion: 65 Resp: 83548
Ion Ratio Lower Upper
65 100
92 64.3 52.2 78.4
138 89.3 86.0 129.0





#49

Acenaphthylene

Concen: 37.744 ng

RT: 14.53 min Scan# 1948

Delta R.T. -0.03 min

Lab File: BG039313.D

Acq: 29 Jan 2019 11:34

Instrument :

BNA_F

ClientSampleId :

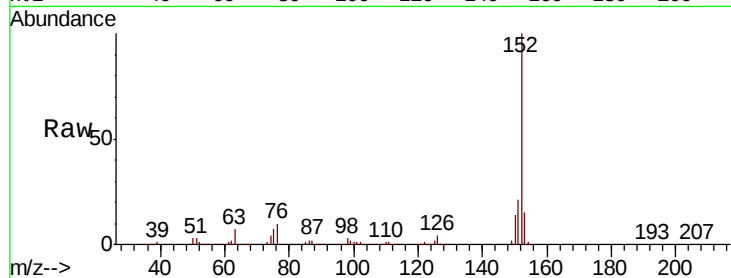
Tot Ion:152 Resp: 486658

Ion Ratio Lower Upper

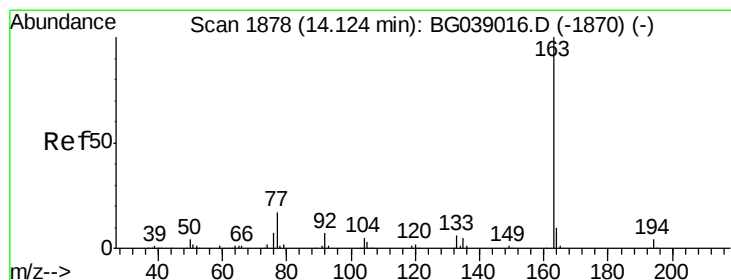
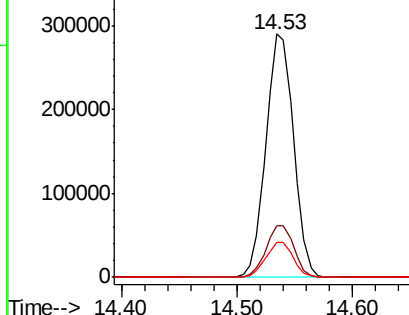
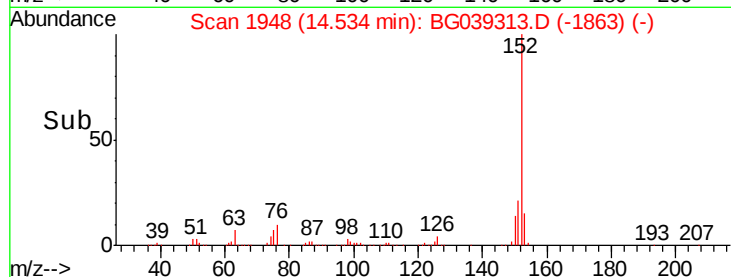
152 100

151 21.0 17.0 25.4

153 14.6 11.2 16.8



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



#50

Dimethylphthalate

Concen: 36.811 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.03 min

Lab File: BG039313.D

Acq: 29 Jan 2019 11:34

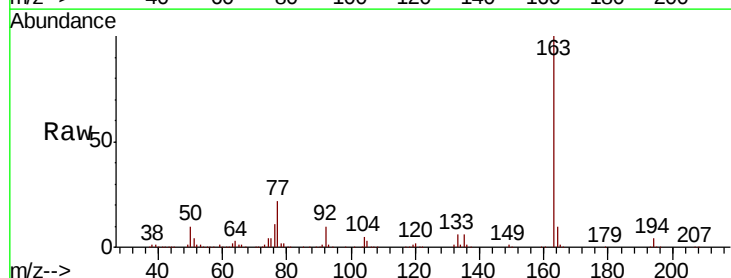
Tgt Ion:163 Resp: 416147

Ion Ratio Lower Upper

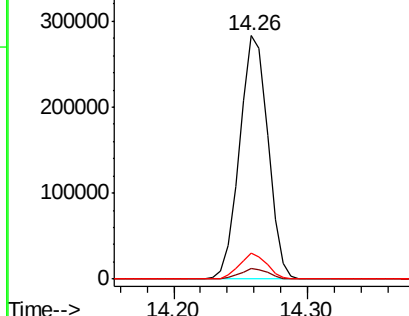
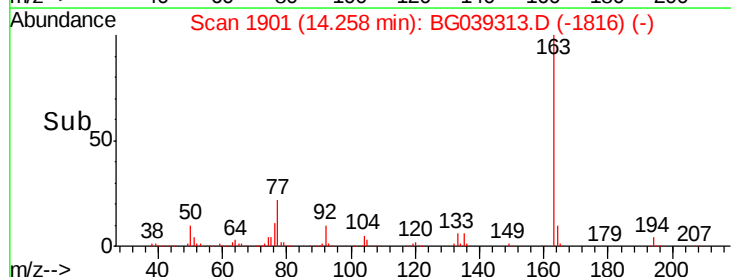
163 100

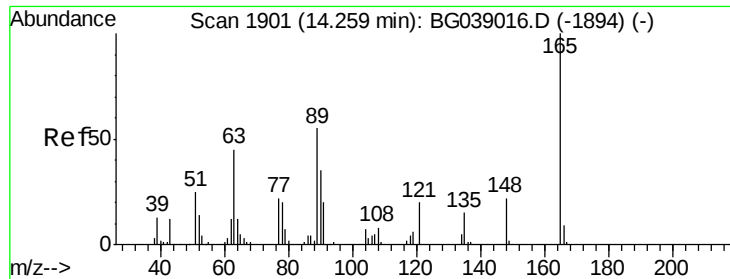
194 4.5 3.6 5.4

164 10.5 8.2 12.2



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

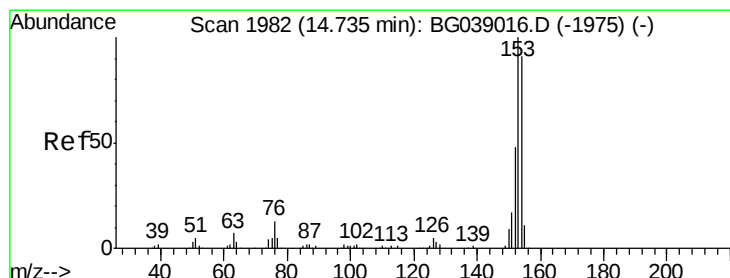
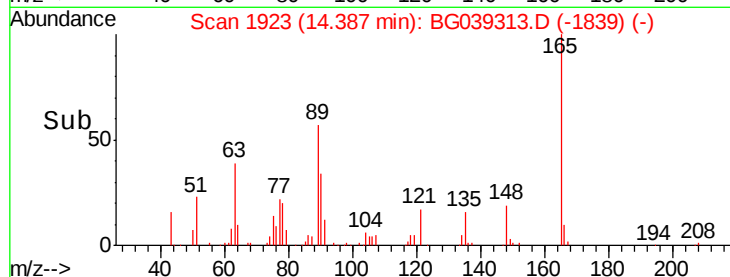
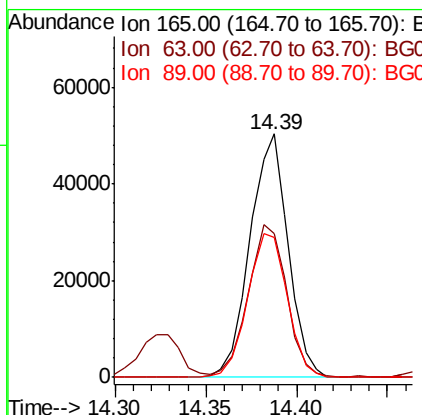
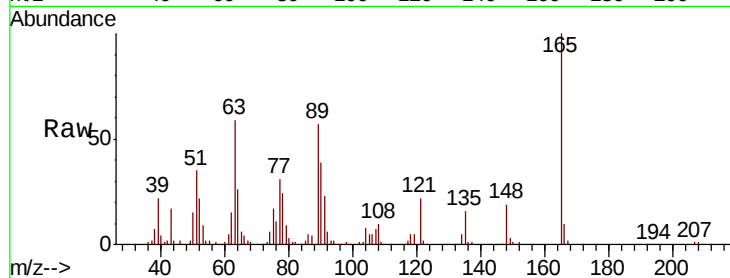




#51
 2,6-Dinitrotoluene
 Concen: 29.185 ng
 RT: 14.39 min Scan# 1923
 Delta R.T. -0.04 min
 Lab File: BG039313.D
 Acq: 29 Jan 2019 11:34

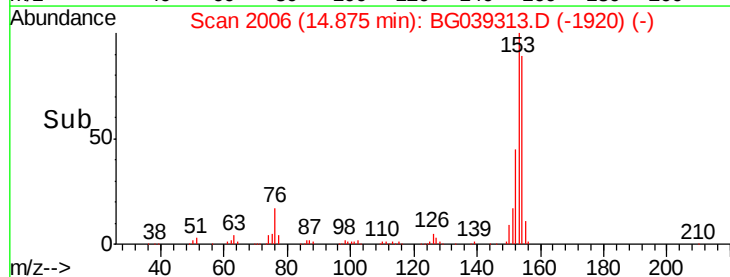
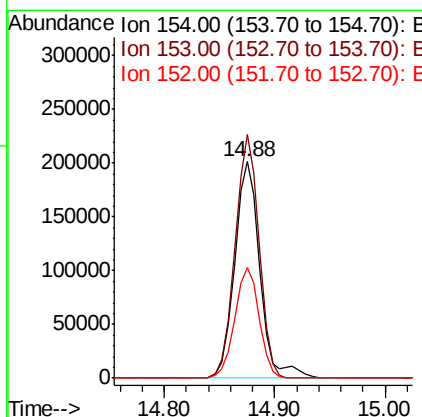
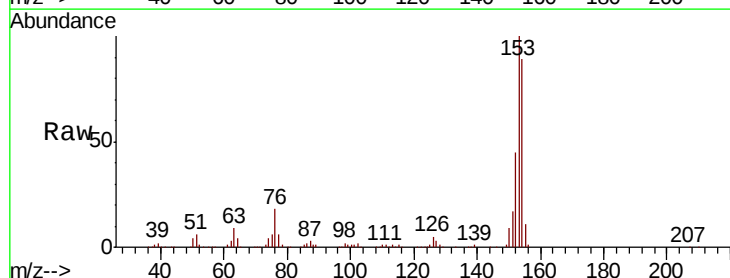
Instrument :
 BNA_F
 ClientSampleId :

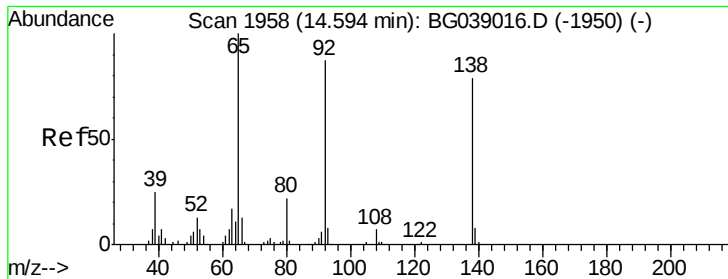
Tot Ion:165 Resp: 73767
 Ion Ratio Lower Upper
 165 100
 63 58.8 43.6 65.4
 89 57.3 43.7 65.5



#52
 Acenaphthene
 Concen: 41.475 ng
 RT: 14.88 min Scan# 2006
 Delta R.T. -0.02 min
 Lab File: BG039313.D
 Acq: 29 Jan 2019 11:34

Tgt Ion:154 Resp: 321297
 Ion Ratio Lower Upper
 154 100
 153 112.6 87.9 131.9
 152 51.1 42.2 63.2





#53

3-Nitroaniline

Concen: 30.795 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.04 min

Lab File: BG039313.D

Acq: 29 Jan 2019 11:34

Instrument :

BNA_F

ClientSampleId :

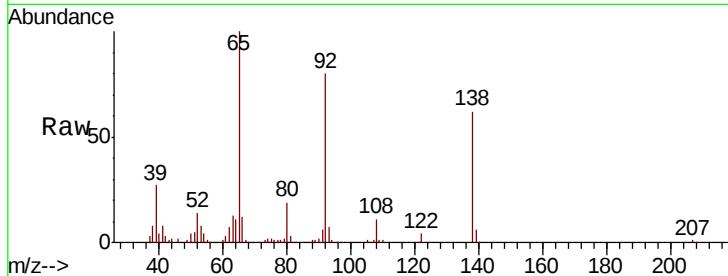
Tot Ion:138 Resp: 78958

Ion Ratio Lower Upper

138 100

108 17.3 7.4 11.0#

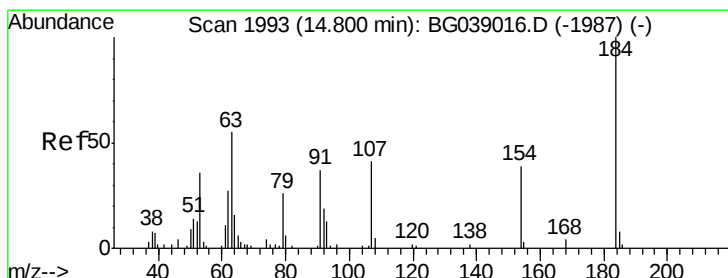
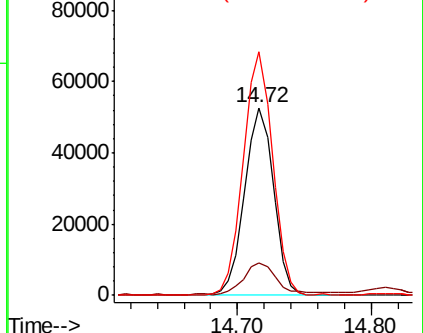
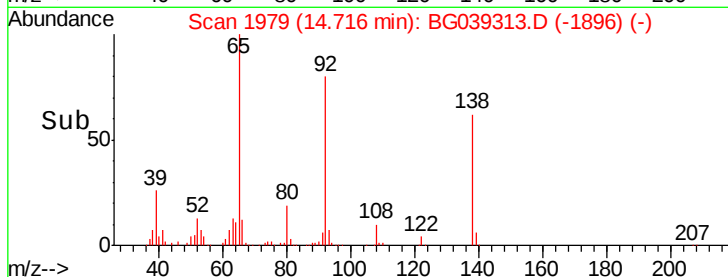
92 129.6 88.2 132.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 19.530 ng

RT: 14.92 min Scan# 2013

Delta R.T. -0.06 min

Lab File: BG039313.D

Acq: 29 Jan 2019 11:34

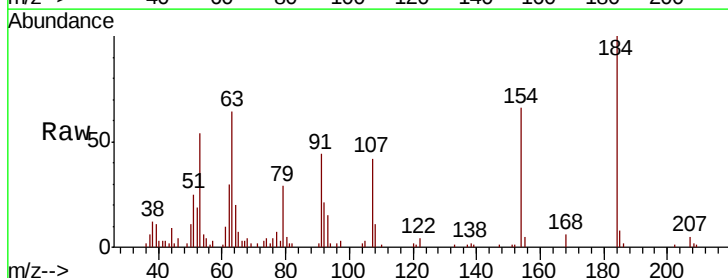
Tgt Ion:184 Resp: 25512

Ion Ratio Lower Upper

184 100

63 63.6 44.0 66.0

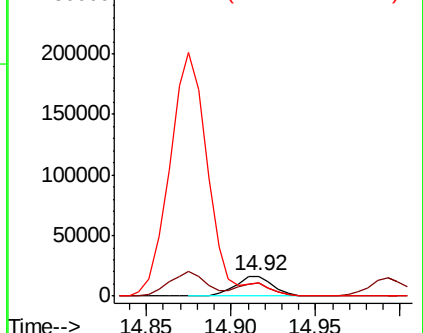
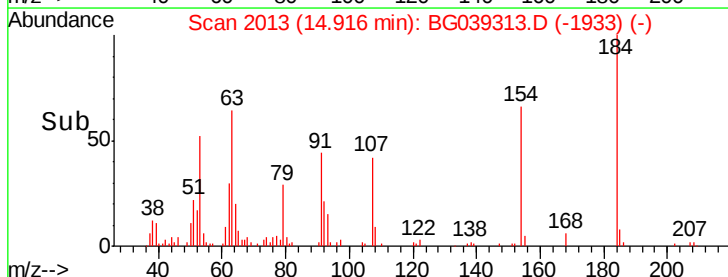
154 66.3 46.1 69.1

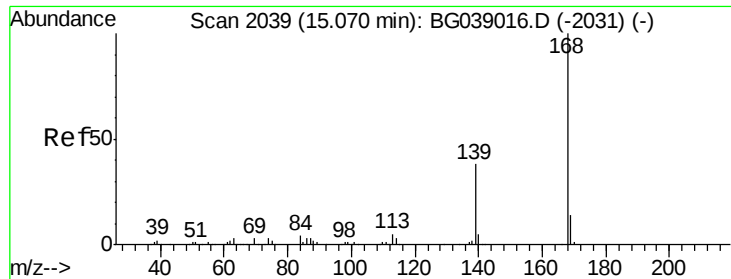


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

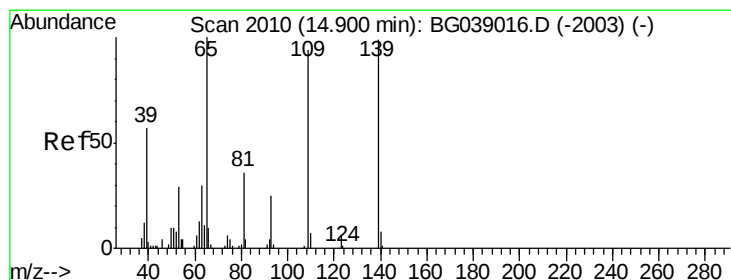
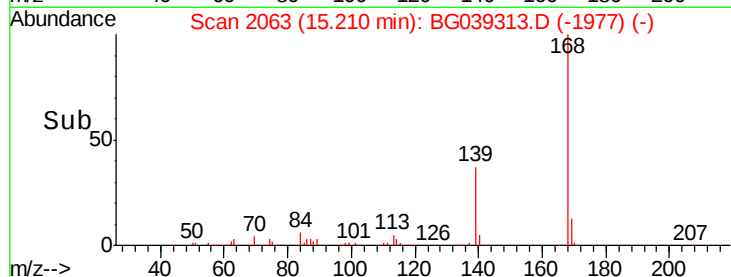
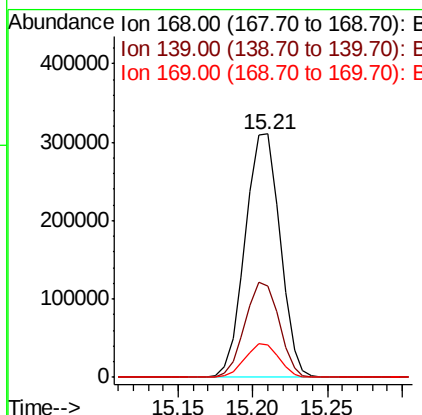
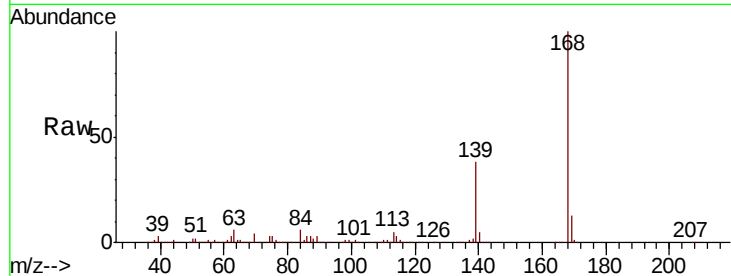




#55
Dibenzofuran
Concen: 36.734 ng
RT: 15.21 min Scan# 2063
Delta R.T. -0.02 min
Lab File: BG039313.D
Acq: 29 Jan 2019 11:34

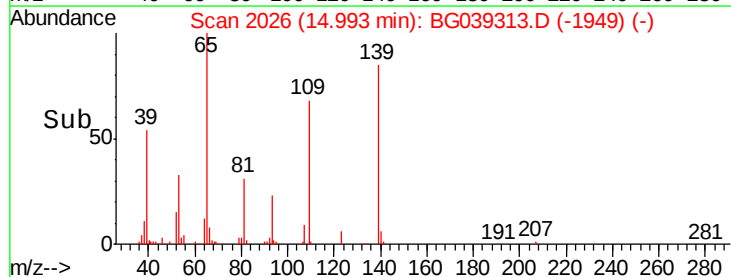
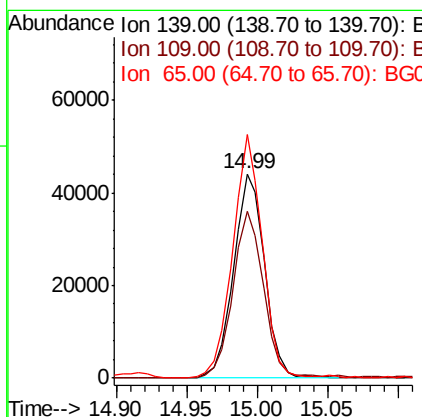
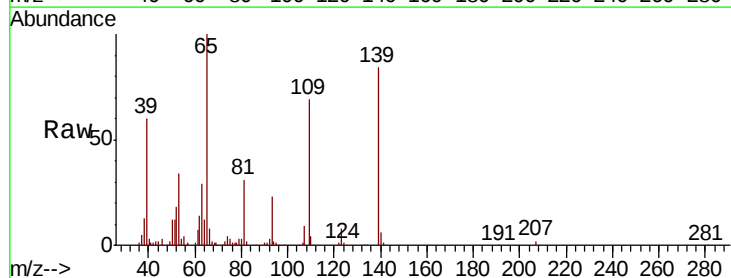
Instrument :
BNA_F
ClientSampleId :

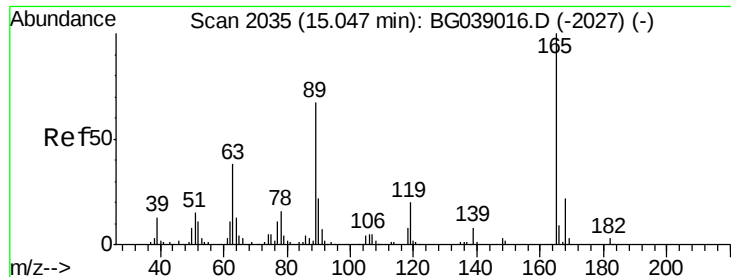
Tot Ion:168 Resp: 502589
Ion Ratio Lower Upper
168 100
139 37.6 30.1 45.1
169 13.3 10.9 16.3



#56
4-Nitrophenol
Concen: 36.402 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.08 min
Lab File: BG039313.D
Acq: 29 Jan 2019 11:34

Tgt Ion:139 Resp: 67157
Ion Ratio Lower Upper
139 100
109 81.9 75.6 115.6
65 119.1 81.2 121.2

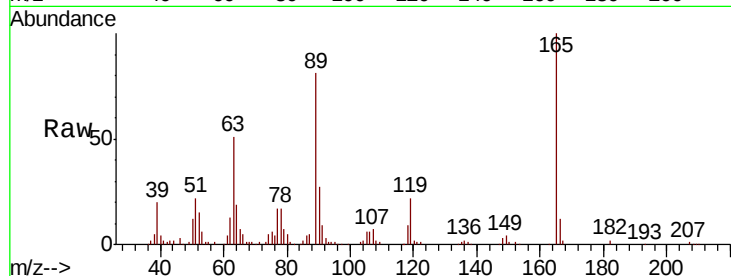




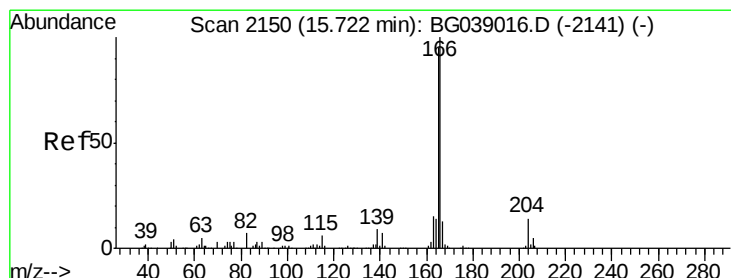
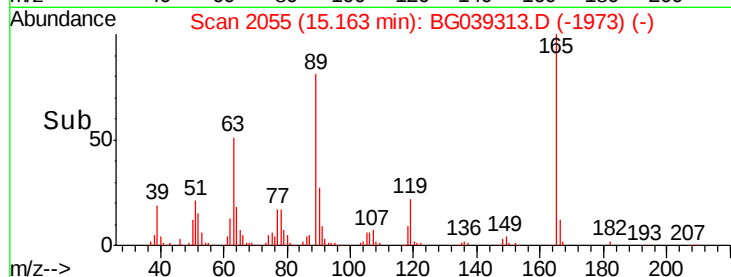
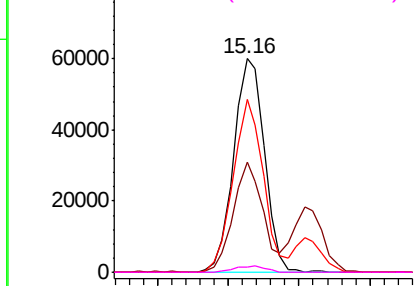
#57
2,4-Dinitrotoluene
Concen: 25.072 ng
RT: 15.16 min Scan# 2055
Delta R.T. -0.05 min
Lab File: BG039313.D
Acq: 29 Jan 2019 11:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 90917
Ion Ratio Lower Upper
165 100
63 51.3 30.2 45.4#
89 80.7 53.2 79.8#
182 2.5 2.7 4.1#

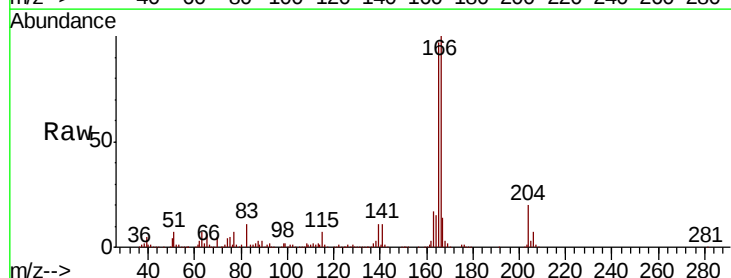


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

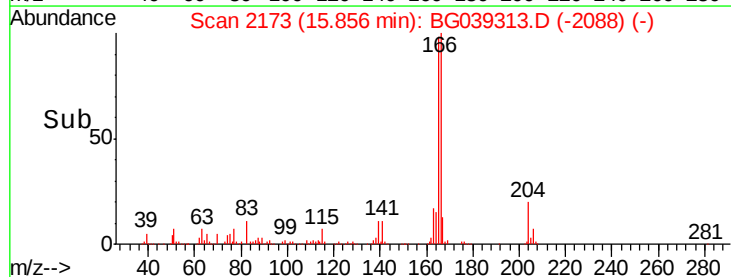
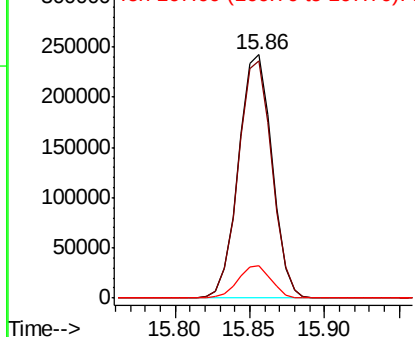


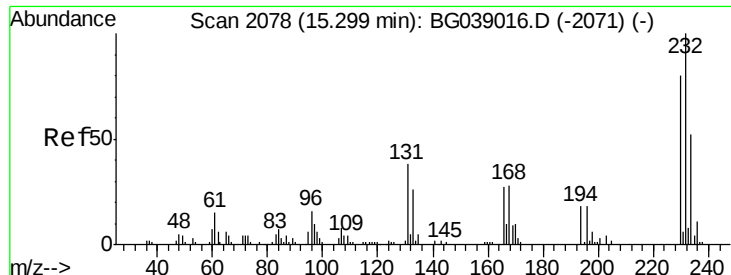
#58
Fluorene
Concen: 36.671 ng
RT: 15.86 min Scan# 2173
Delta R.T. -0.03 min
Lab File: BG039313.D
Acq: 29 Jan 2019 11:34

Tgt Ion:166 Resp: 377653
Ion Ratio Lower Upper
166 100
165 97.4 76.2 114.2
167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

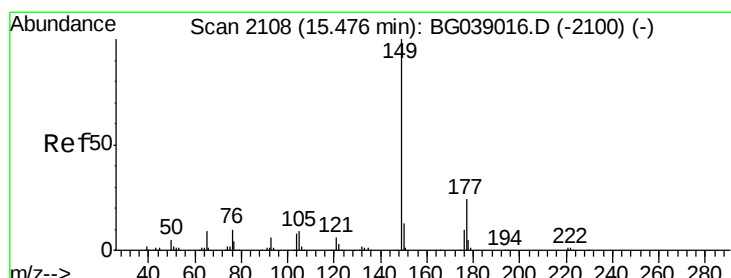
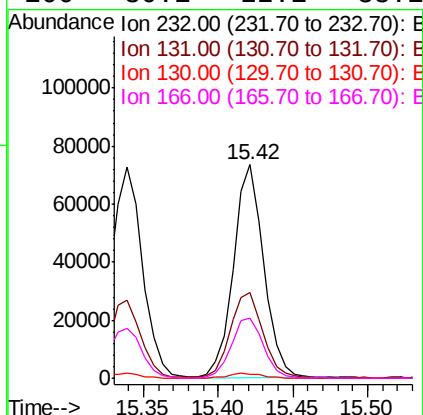
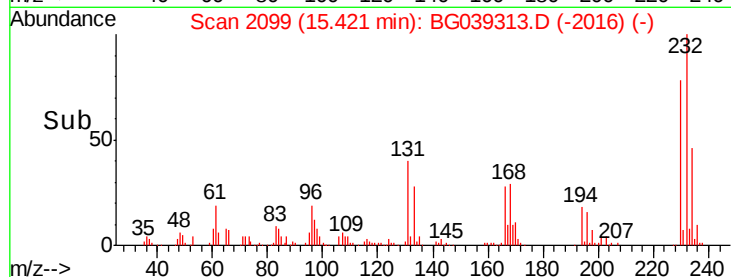
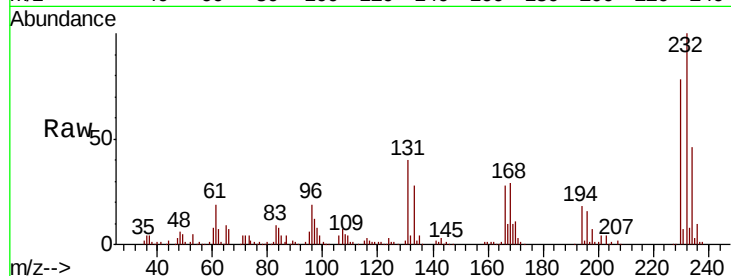




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 33.053 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. -0.04 min
 Lab File: BG039313.D
 Acq: 29 Jan 2019 11:34

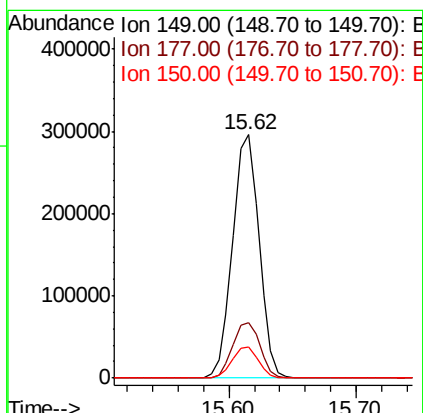
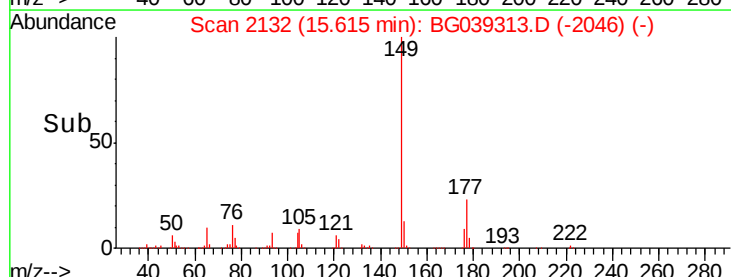
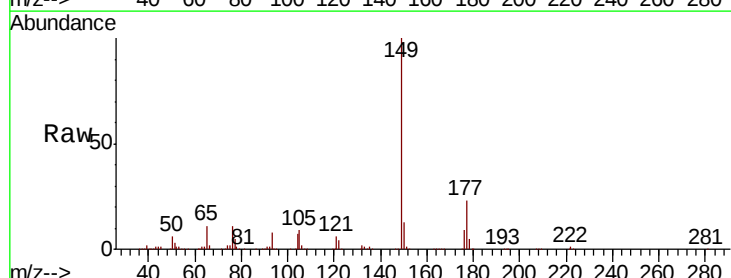
Instrument :
 BNA_F
 ClientSampleId :

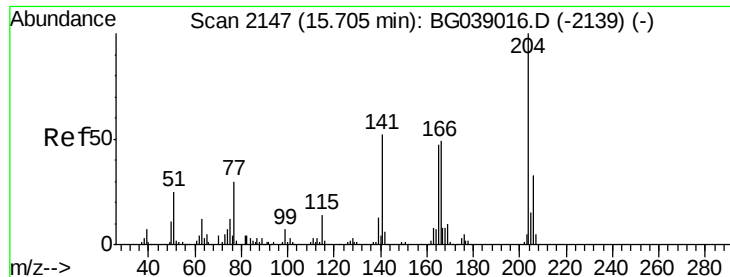
Tot Ion	Ratio	Lower	Upper
232	100		
131	43.6	30.9	46.3
130	2.5	1.9	2.9
166	30.1	22.1	33.1



#60
 Diethylphthalate
 Concen: 36.560 ng
 RT: 15.62 min Scan# 2132
 Delta R.T. -0.02 min
 Lab File: BG039313.D
 Acq: 29 Jan 2019 11:34

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	19.0	28.6
150	12.7	10.2	15.4

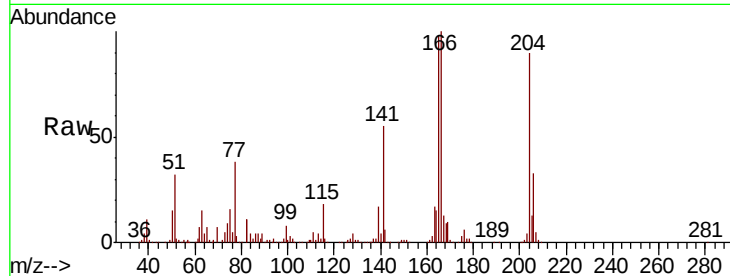




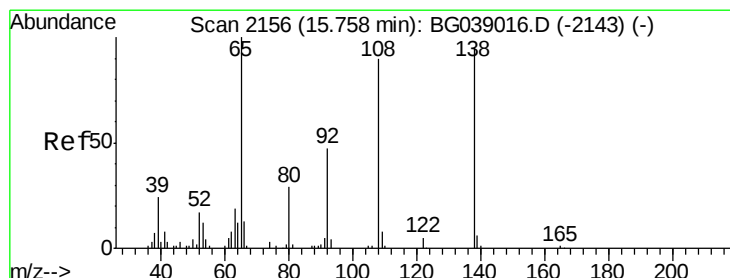
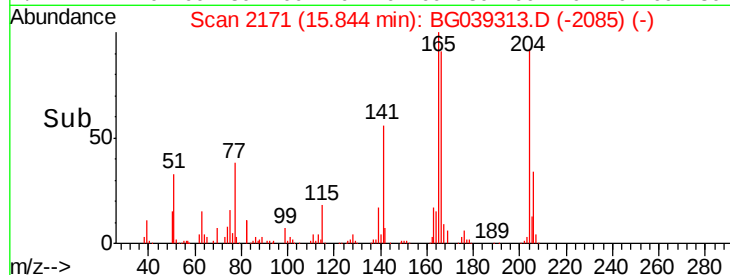
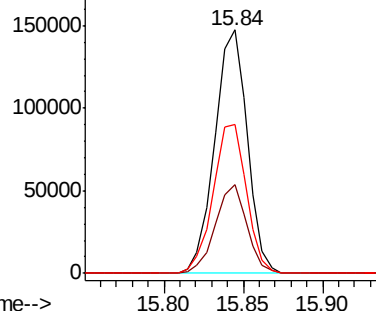
#61
4-Chlorophenyl-phenylether
Concen: 32.428 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BG039313.D
Acq: 29 Jan 2019 11:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	36.5	26.6	39.8
141	61.2	41.4	62.0

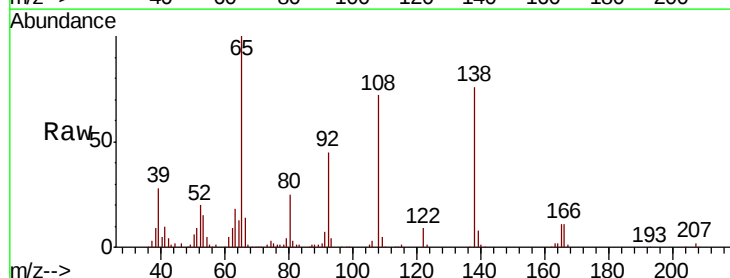


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

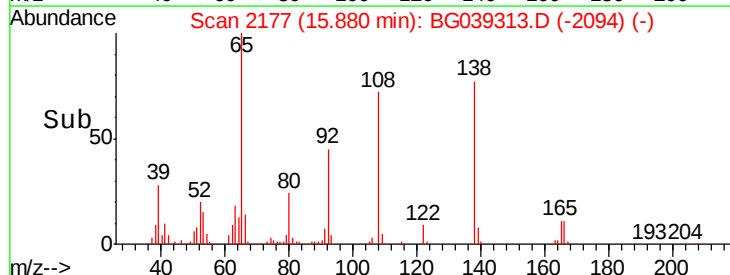
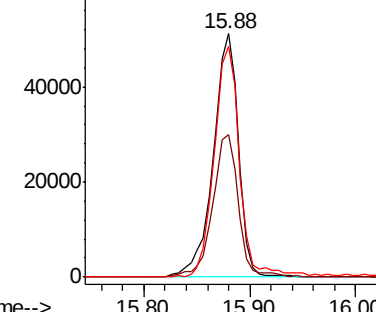


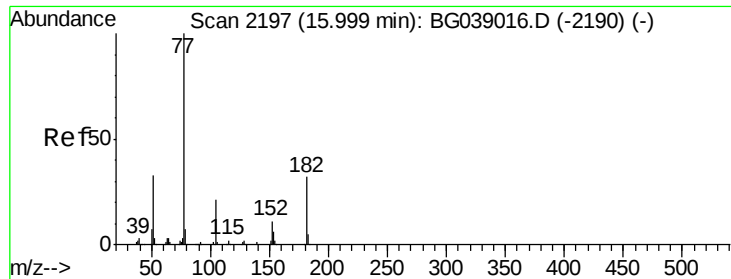
#62
4-Nitroaniline
Concen: 31.603 ng
RT: 15.88 min Scan# 2177
Delta R.T. -0.04 min
Lab File: BG039313.D
Acq: 29 Jan 2019 11:34

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.7	29.7	69.7
108	94.6	75.7	115.7



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

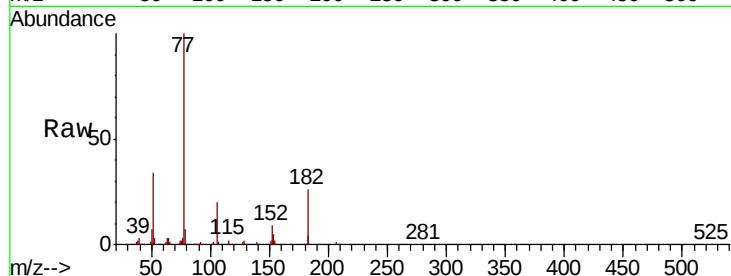




#63
Azobenzene
Concen: 45.757 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BG039313.D
Acq: 29 Jan 2019 11:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	416787
Ion	Ratio	Lower	Upper
77	100		
182	26.4	12.2	52.2
105	19.8	1.2	41.2
51	34.1	13.4	53.4

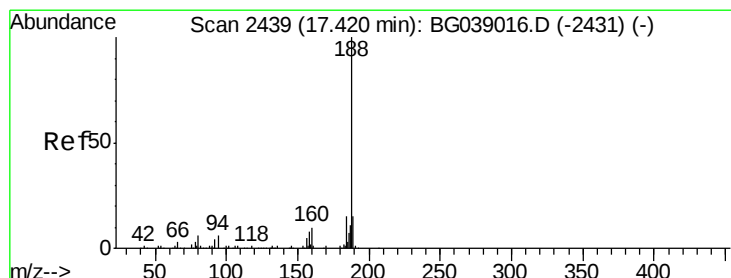
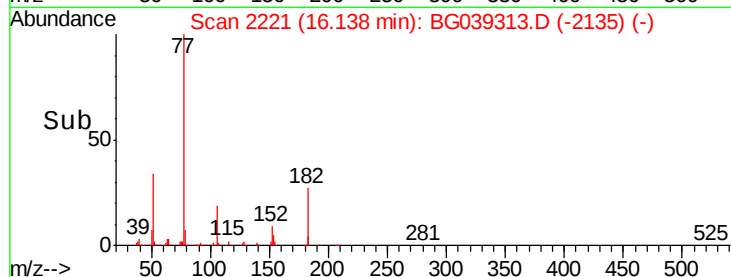
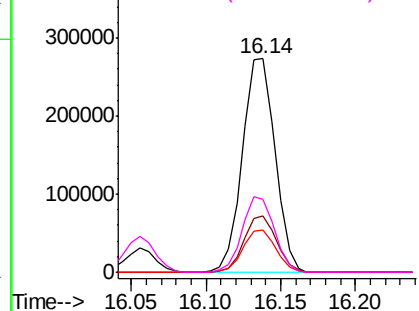


Abundance Ion 77.00 (76.70 to 77.70): BG039313.D (-2135) (-)

Ion 182.00 (181.70 to 182.70): BG039313.D (-2135) (-)

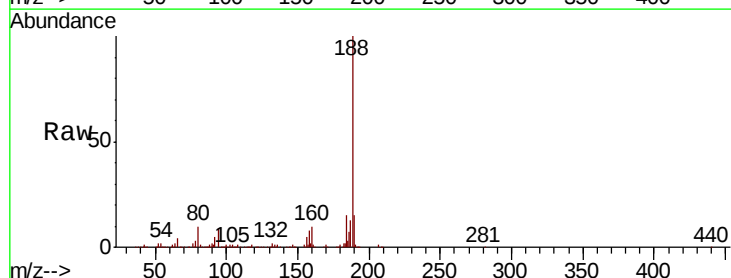
Ion 105.00 (104.70 to 105.70): BG039313.D (-2135) (-)

Ion 51.00 (50.70 to 51.70): BG039313.D (-2135) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.03 min
Lab File: BG039313.D
Acq: 29 Jan 2019 11:34

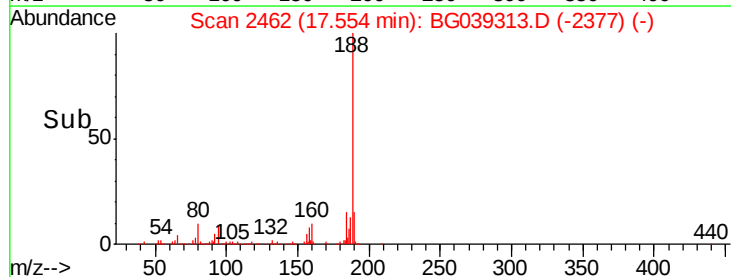
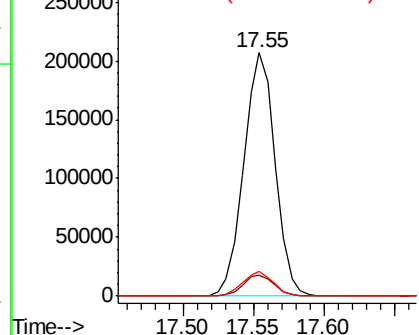
Tgt Ion:	188	Resp:	319816
Ion	Ratio	Lower	Upper
188	100		
94	8.6	5.0	7.4#
80	10.1	4.7	7.1#

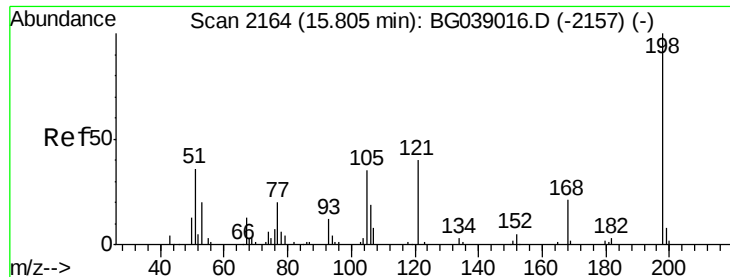


Abundance Ion 188.00 (187.70 to 188.70): BG039313.D (-2377) (-)

Ion 94.00 (93.70 to 94.70): BG039313.D (-2377) (-)

Ion 80.00 (79.70 to 80.70): BG039313.D (-2377) (-)

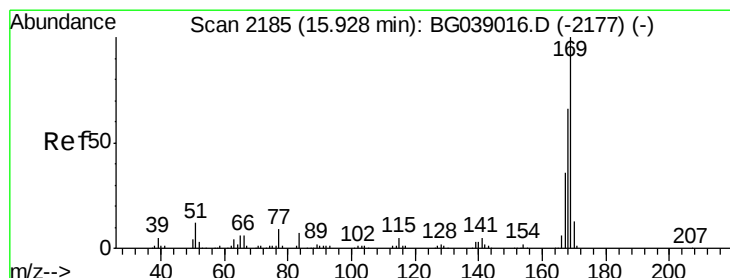
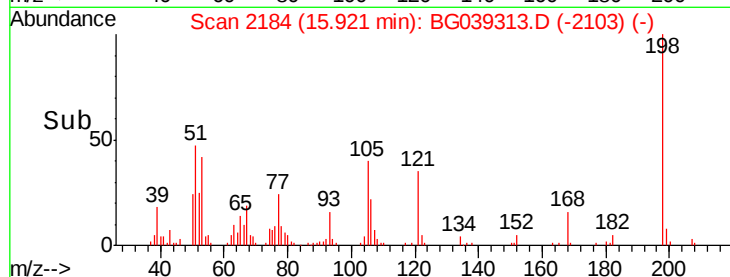
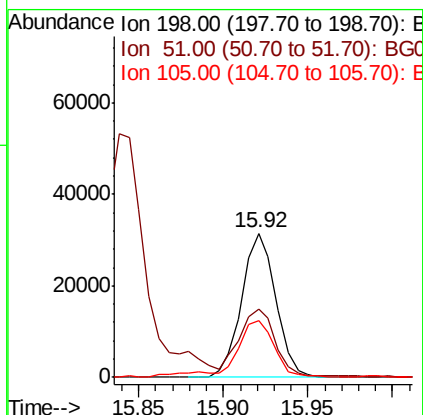
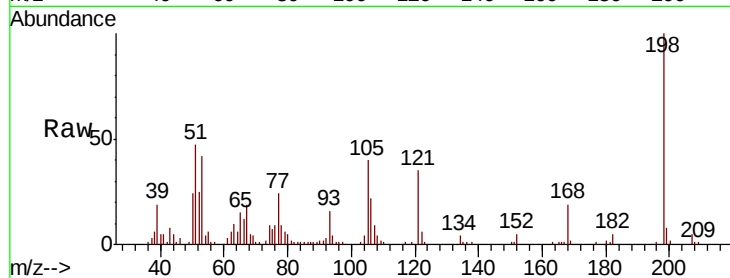




#65
4,6-Dinitro-2-methylphenol
Concen: 18.690 ng
RT: 15.92 min Scan# 2184
Delta R.T. -0.05 min
Lab File: BG039313.D
Acq: 29 Jan 2019 11:34

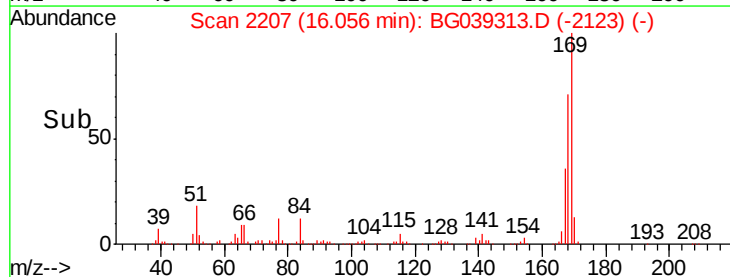
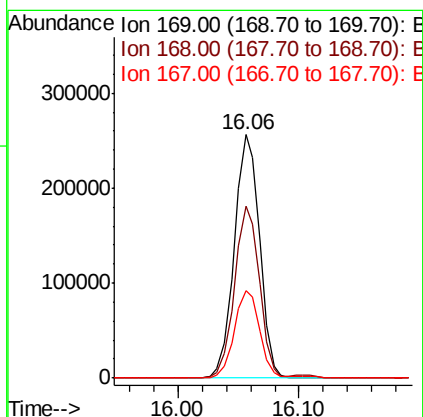
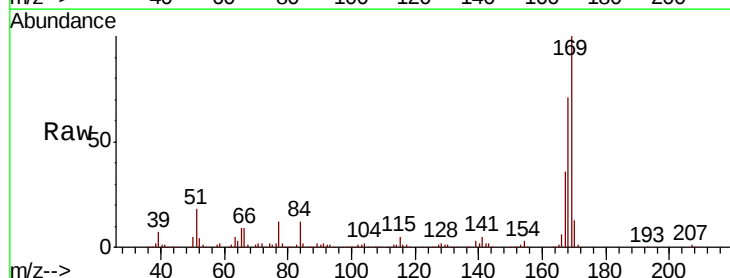
Instrument :
BNA_F
ClientSampleId :

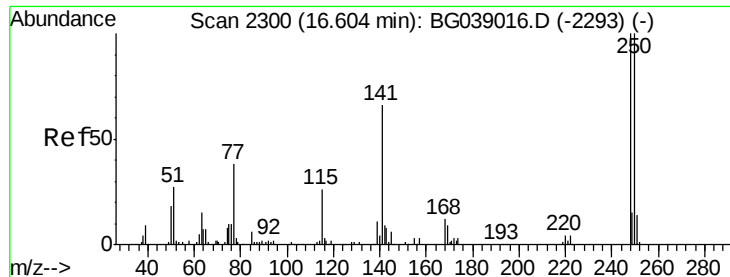
Tot Ion:198 Resp: 44283
Ion Ratio Lower Upper
198 100
51 47.4 20.8 60.8
105 39.7 16.1 56.1



#66
n-Nitrosodiphenylamine
Concen: 39.399 ng
RT: 16.06 min Scan# 2207
Delta R.T. -0.04 min
Lab File: BG039313.D
Acq: 29 Jan 2019 11:34

Tgt Ion:169 Resp: 373542
Ion Ratio Lower Upper
169 100
168 70.8 53.2 79.8
167 36.0 29.1 43.7

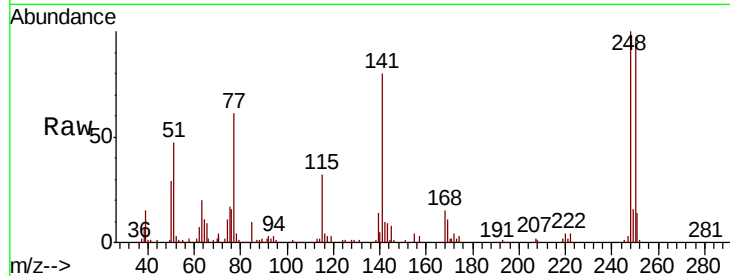




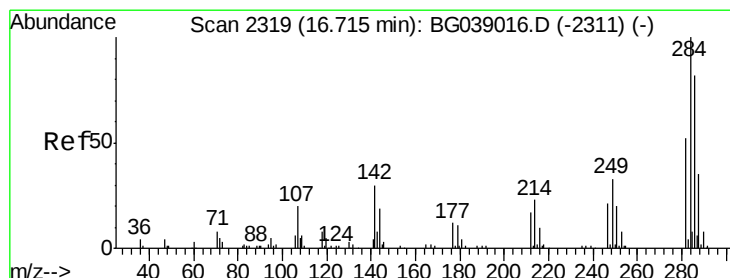
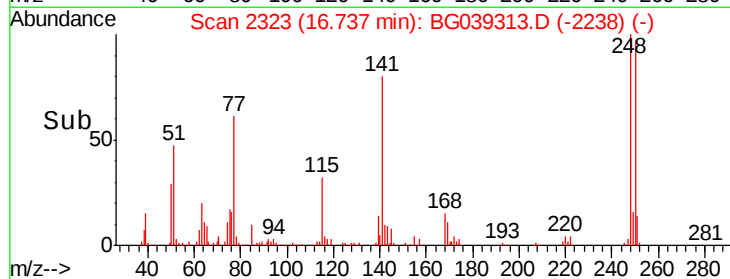
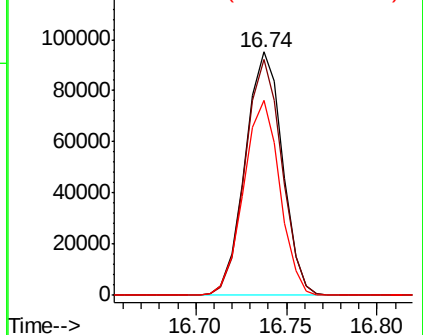
#67
4-Bromophenyl-phenylether
Concen: 33.084 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.03 min
Lab File: BG039313.D
Acq: 29 Jan 2019 11:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 136011
Ion Ratio Lower Upper
248 100
250 97.0 79.9 119.9
141 79.9 52.7 79.1#

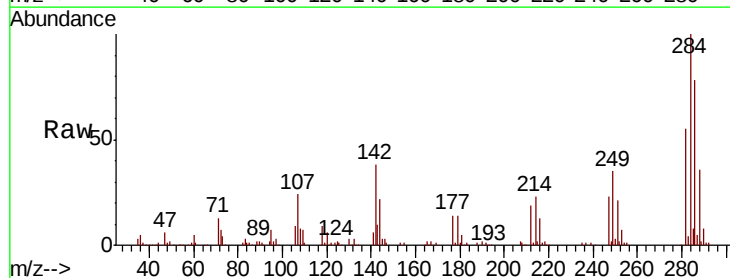


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

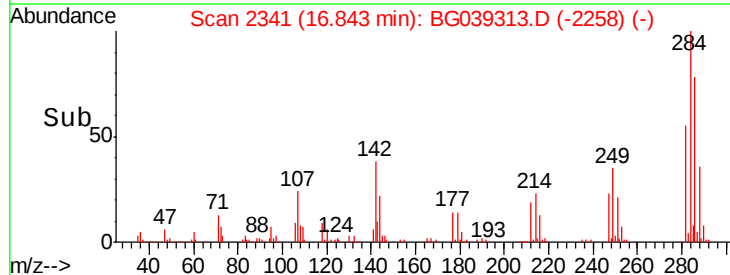
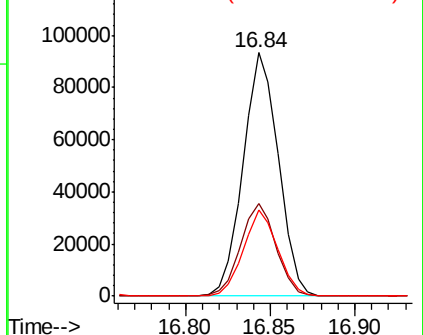


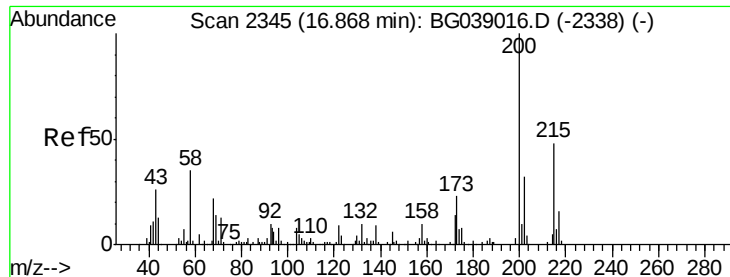
#68
Hexachlorobenzene
Concen: 30.231 ng
RT: 16.84 min Scan# 2341
Delta R.T. -0.04 min
Lab File: BG039313.D
Acq: 29 Jan 2019 11:34

Tgt Ion:284 Resp: 135614
Ion Ratio Lower Upper
284 100
142 38.2 24.3 36.5#
249 35.2 27.8 41.8



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: 34.596 ng

RT: 17.00 min Scan# 2367

Delta R.T. -0.04 min

Lab File: BG039313.D

Acq: 29 Jan 2019 11:34

Instrument :

BNA_F

ClientSampleId :

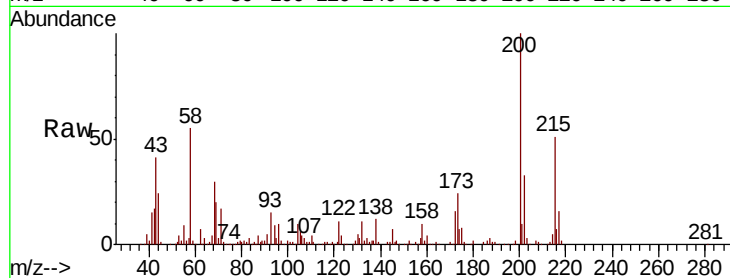
Tot Ion:200 Resp: 139342

Ion Ratio Lower Upper

200 100

173 23.9 2.6 42.6

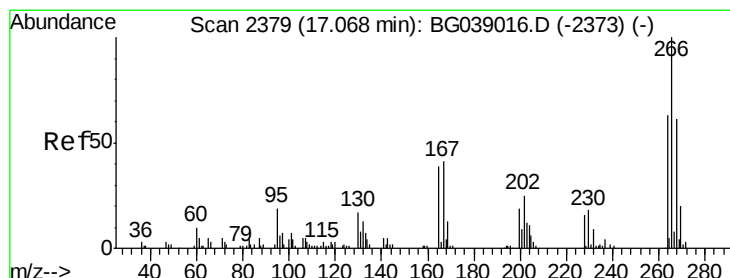
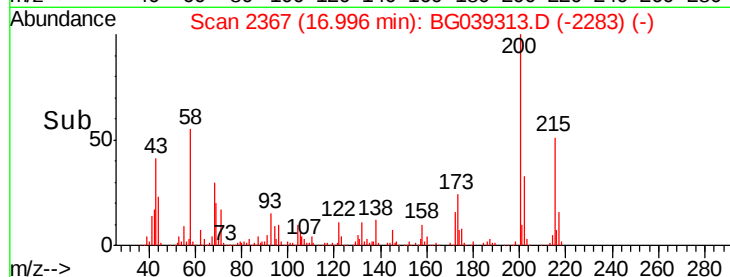
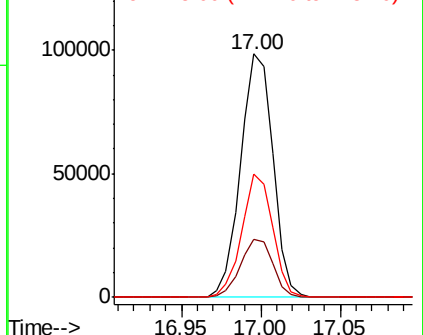
215 50.9 28.0 68.0



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: 41.035 ng

RT: 17.19 min Scan# 2400

Delta R.T. -0.05 min

Lab File: BG039313.D

Acq: 29 Jan 2019 11:34

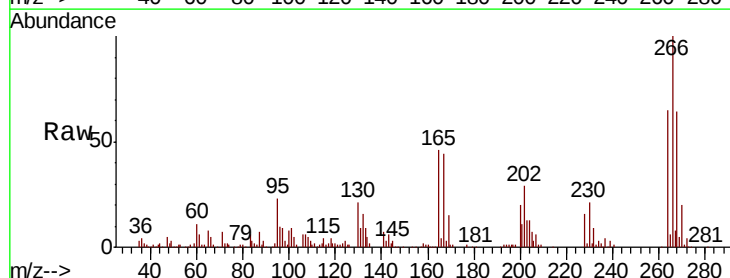
Tgt Ion:266 Resp: 98486

Ion Ratio Lower Upper

266 100

268 63.9 52.0 78.0

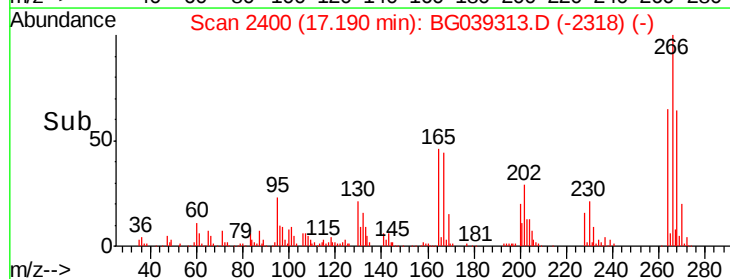
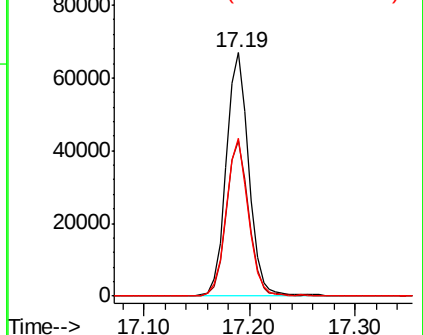
264 65.1 54.6 81.8

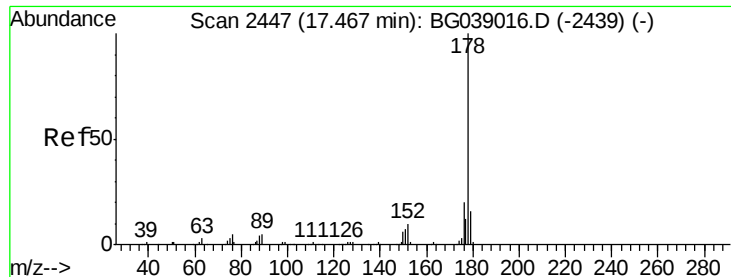


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.230 ng

RT: 17.59 min Scan# 2469

Delta R.T. -0.04 min

Lab File: BG039313.D

Acq: 29 Jan 2019 11:34

Instrument :

BNA_F

ClientSampleId :

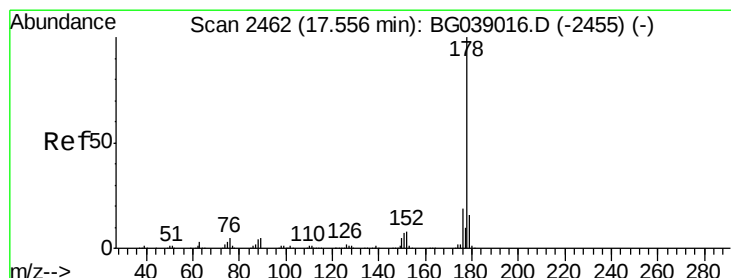
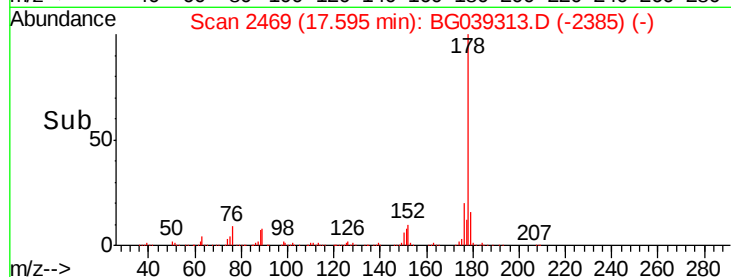
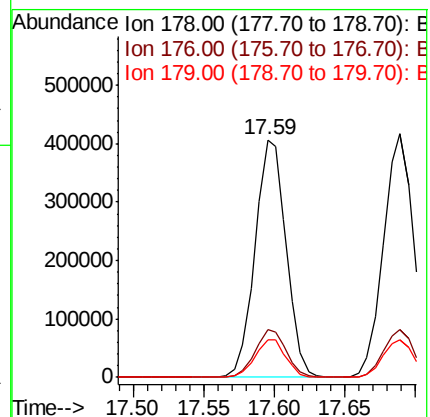
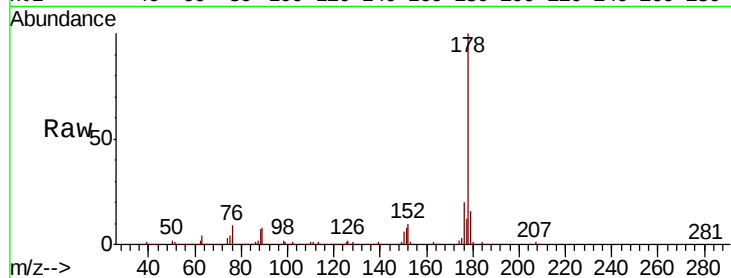
Tot Ion:178 Resp: 629350

Ion Ratio Lower Upper

178 100

176 20.3 15.7 23.5

179 15.8 12.9 19.3



#72

Anthracene

Concen: 37.197 ng

RT: 17.69 min Scan# 2485

Delta R.T. -0.03 min

Lab File: BG039313.D

Acq: 29 Jan 2019 11:34

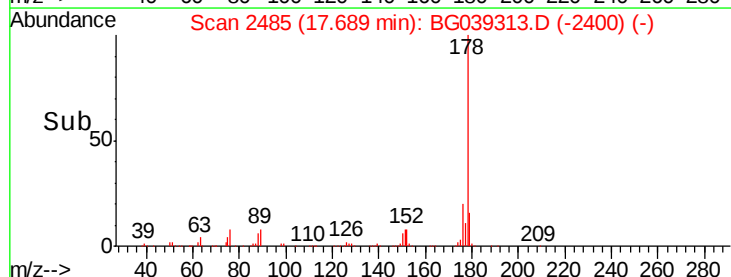
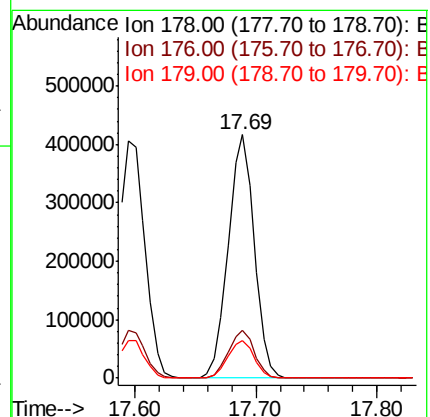
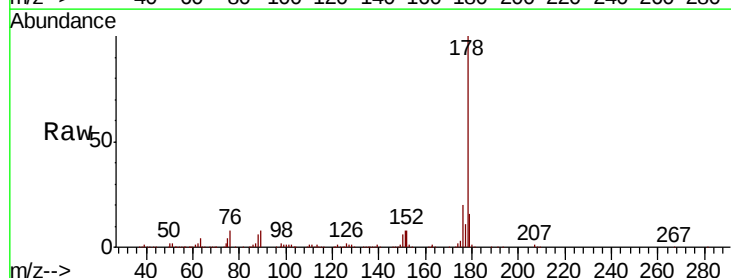
Tgt Ion:178 Resp: 621718

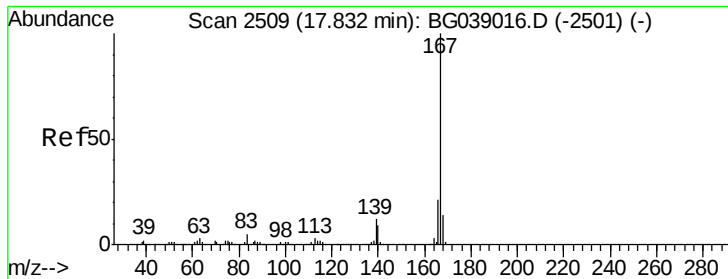
Ion Ratio Lower Upper

178 100

176 19.7 14.9 22.3

179 15.6 13.0 19.4





#73

Carbazole

Concen: 37.377 ng

RT: 17.96 min Scan# 2531

Delta R.T. -0.04 min

Lab File: BG039313.D

Acq: 29 Jan 2019 11:34

Instrument :

BNA_F

ClientSampled :

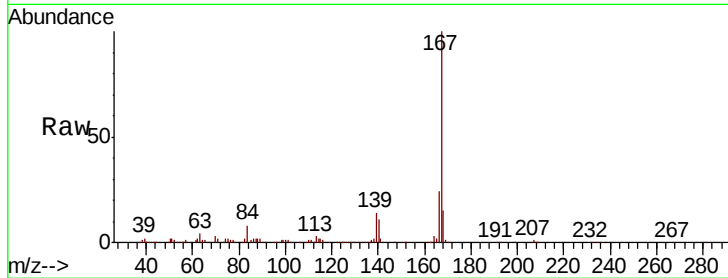
Tot Ion:167 Resp: 616709

Ion Ratio Lower Upper

167 100

166 24.3 16.9 25.3

139 13.5 10.0 15.0

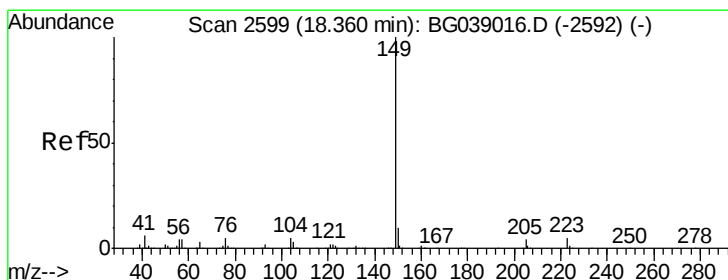
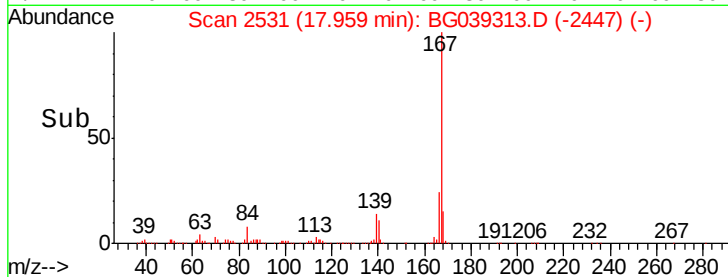
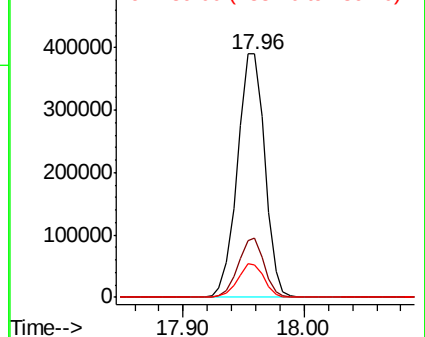


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.530 ng

RT: 18.50 min Scan# 2623

Delta R.T. -0.02 min

Lab File: BG039313.D

Acq: 29 Jan 2019 11:34

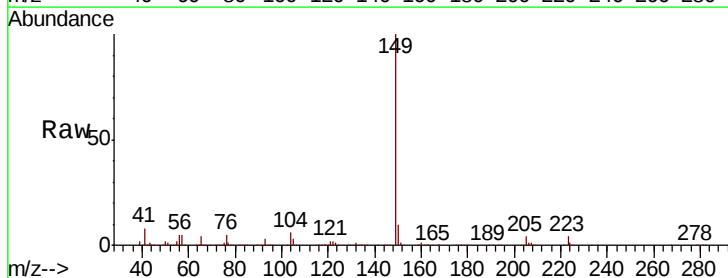
Tgt Ion:149 Resp: 725592

Ion Ratio Lower Upper

149 100

150 9.6 7.9 11.9

104 5.6 4.2 6.2

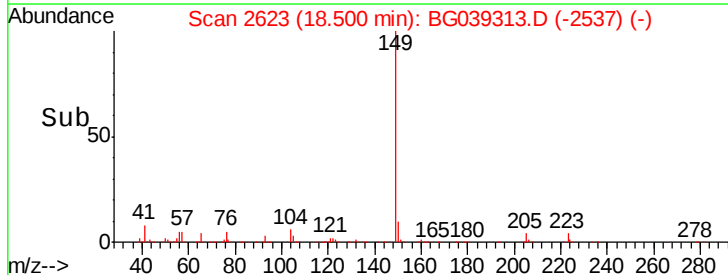
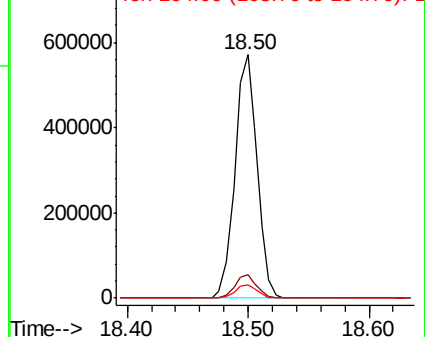


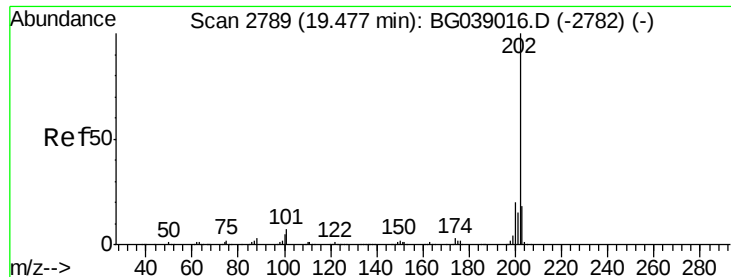
Abundance

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: 34.405 ng

RT: 19.60 min Scan# 2810

Delta R.T. -0.04 min

Lab File: BG039313.D

Acq: 29 Jan 2019 11:34

Instrument :

BNA_F

ClientSampleId :

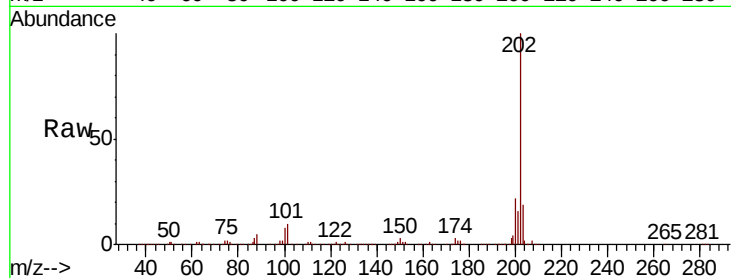
Tot Ion:202 Resp: 720994

Ion Ratio Lower Upper

202 100

101 10.0 0.0 26.9

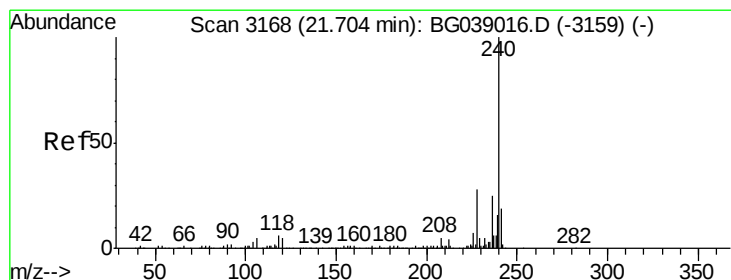
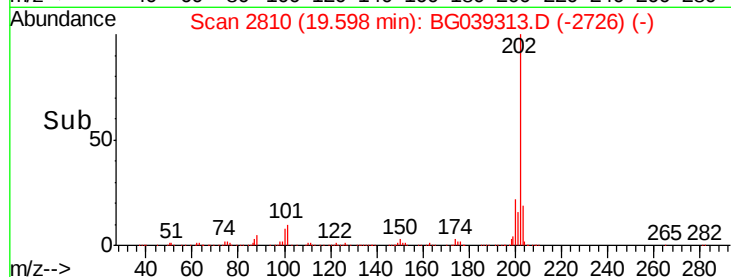
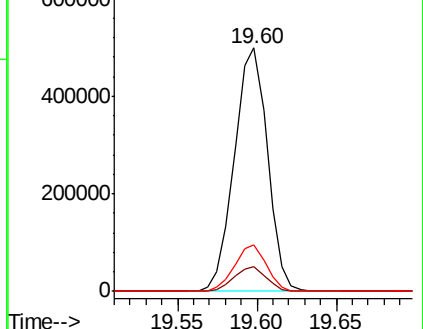
203 18.9 0.0 38.1



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: 21.85 min Scan# 3193

Delta R.T. -0.01 min

Lab File: BG039313.D

Acq: 29 Jan 2019 11:34

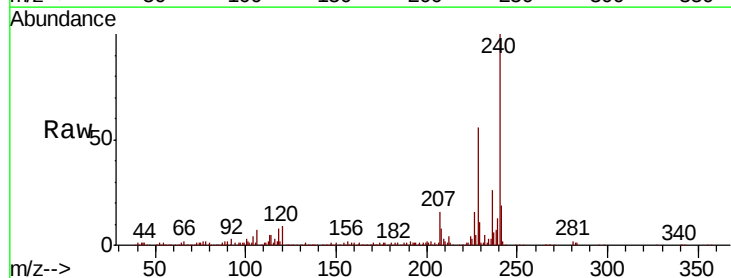
Tgt Ion:240 Resp: 306507

Ion Ratio Lower Upper

240 100

120 8.8 4.3 6.5#

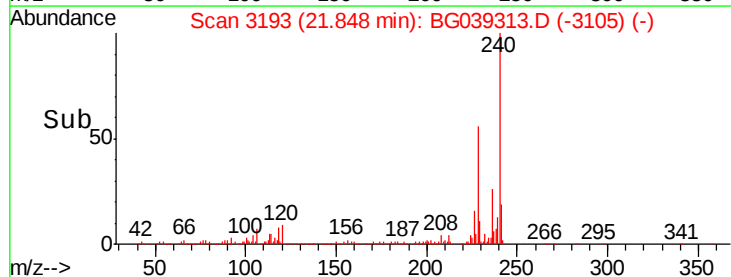
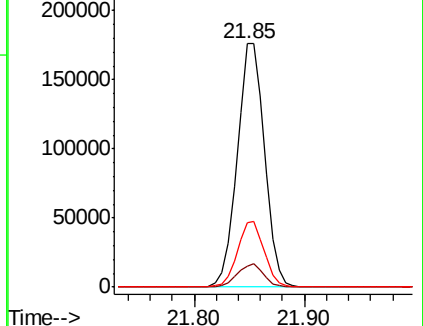
236 26.2 20.1 30.1

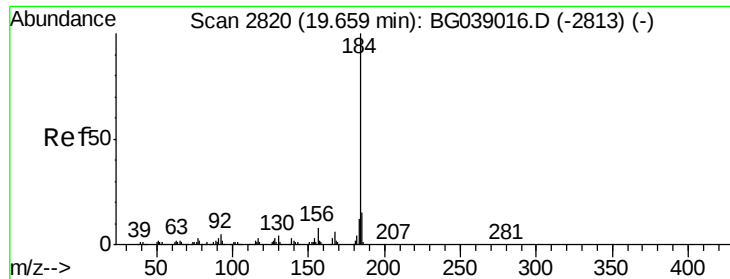


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.614 ng

RT: 19.77 min Scan# 2840

Delta R.T. -0.05 min

Lab File: BG039313.D

Acq: 29 Jan 2019 11:34

Instrument :

BNA_F

ClientSampleId :

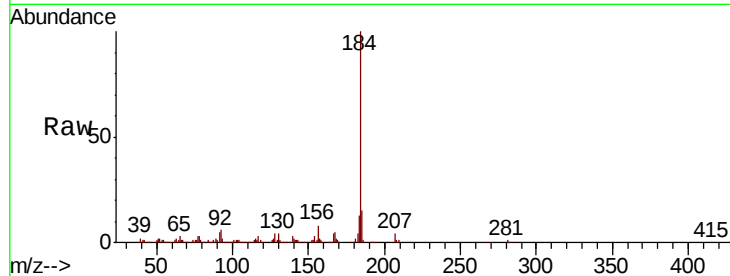
Tot Ion:184 Resp: 380747

Ion Ratio Lower Upper

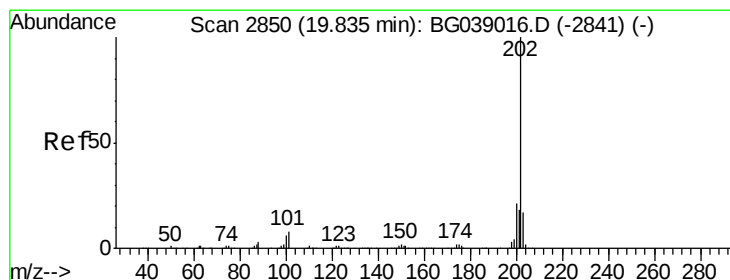
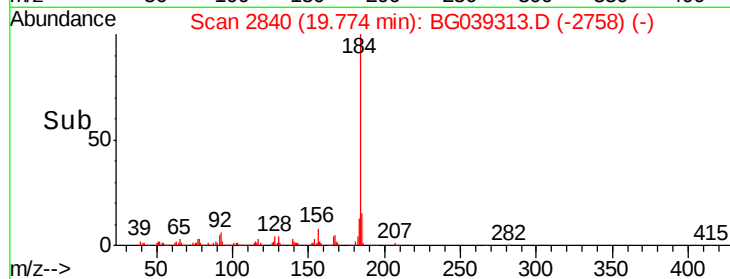
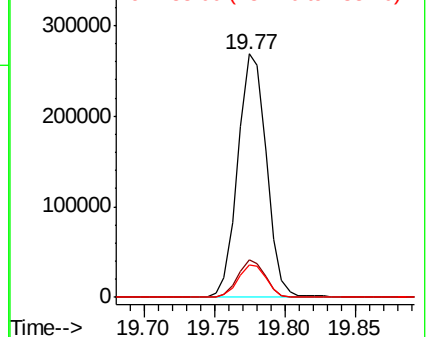
184 100

185 15.2 12.1 18.1

183 13.2 9.5 14.3



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: 37.707 ng

RT: 19.96 min Scan# 2871

Delta R.T. -0.04 min

Lab File: BG039313.D

Acq: 29 Jan 2019 11:34

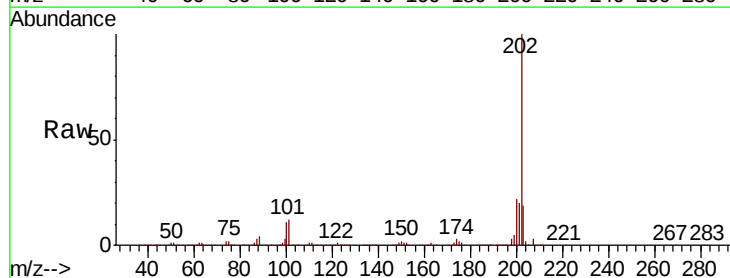
Tgt Ion:202 Resp: 736543

Ion Ratio Lower Upper

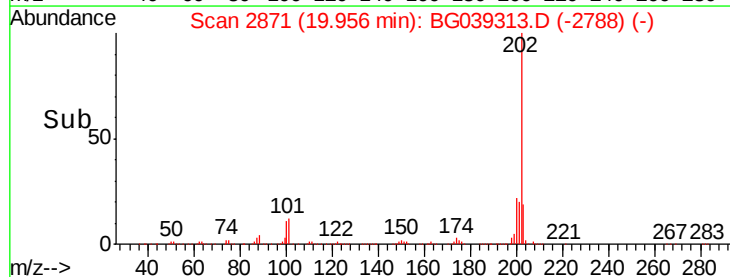
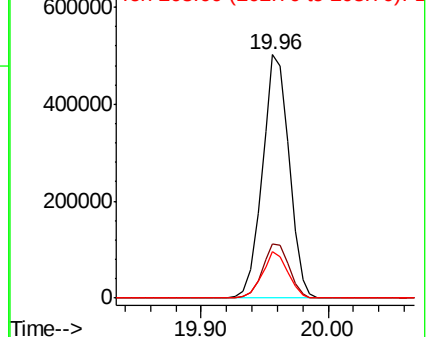
202 100

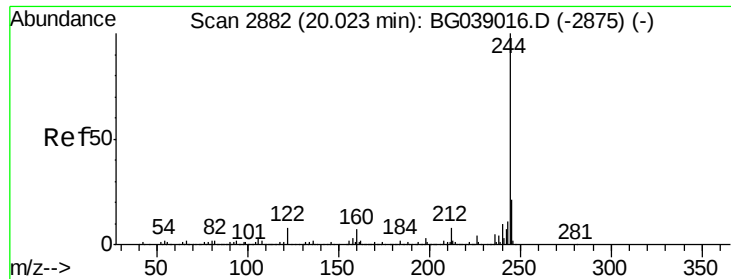
200 22.3 17.0 25.6

203 19.1 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

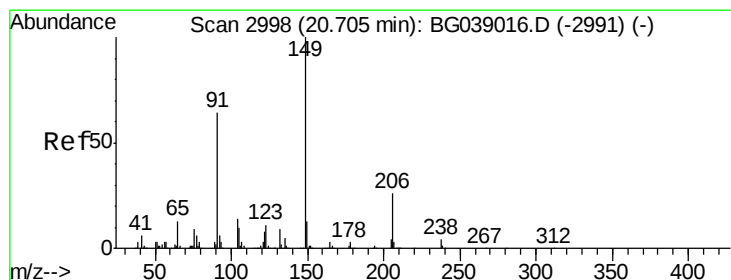
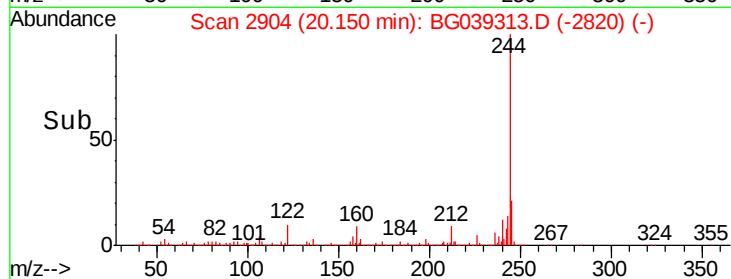
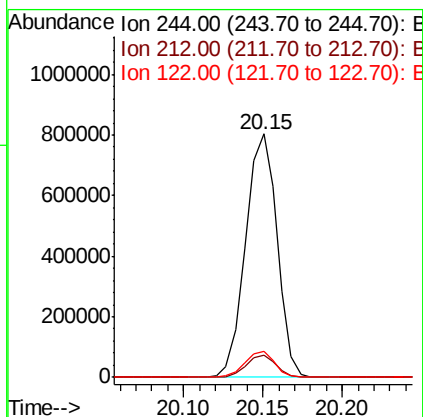
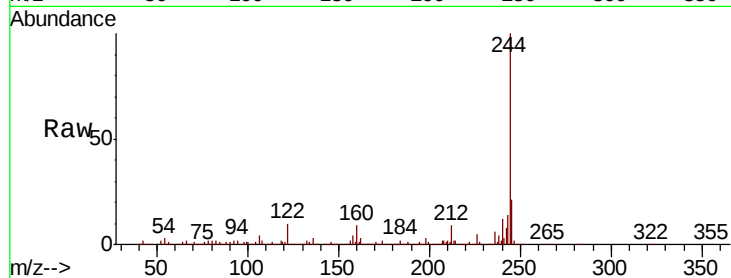




#79
 Terphenyl-d14
 Concen: 66.782 ng
 RT: 20.15 min Scan# 2904
 Delta R.T. -0.04 min
 Lab File: BG039313.D
 Acq: 29 Jan 2019 11:34

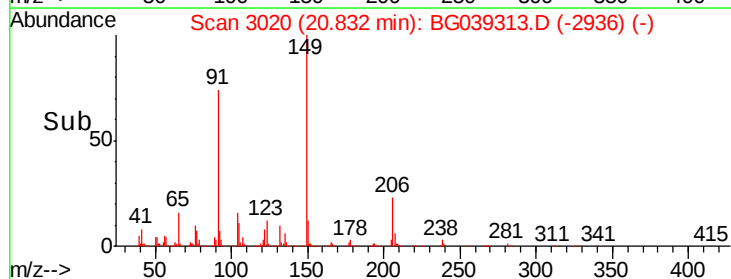
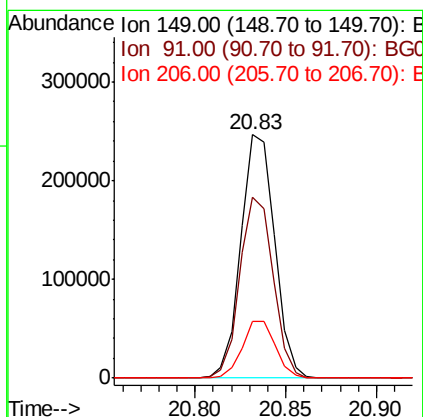
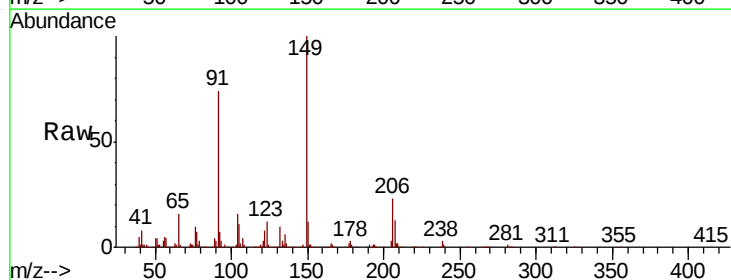
Instrument :
 BNA_F
 ClientSampleId :

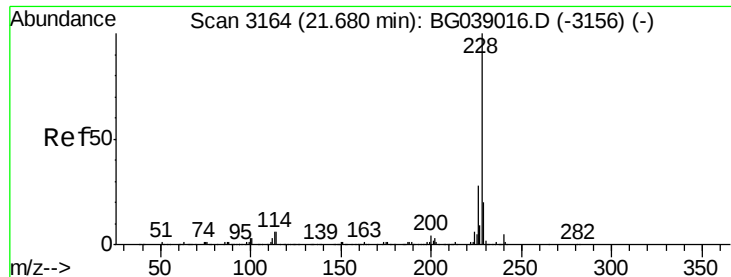
Tot Ion:244 Resp: 1106507
 Ion Ratio Lower Upper
 244 100
 212 9.1 6.1 9.1
 122 10.5 6.1 9.1#



#80
 Butylbenzylphthalate
 Concen: 42.985 ng
 RT: 20.83 min Scan# 3020
 Delta R.T. -0.04 min
 Lab File: BG039313.D
 Acq: 29 Jan 2019 11:34

Tgt Ion:149 Resp: 319344
 Ion Ratio Lower Upper
 149 100
 91 74.4 51.4 77.0
 206 23.2 20.4 30.6

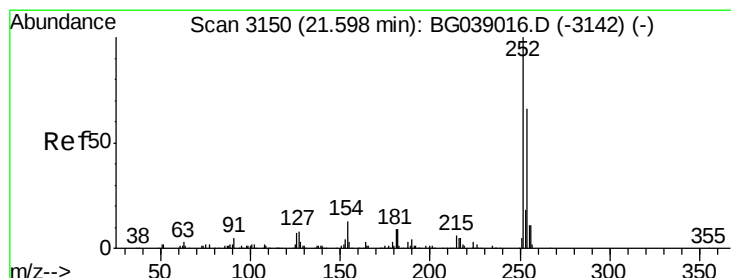
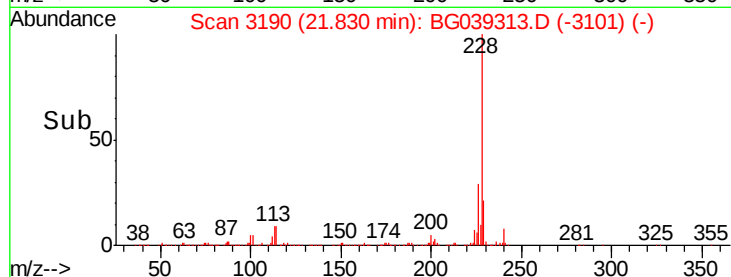
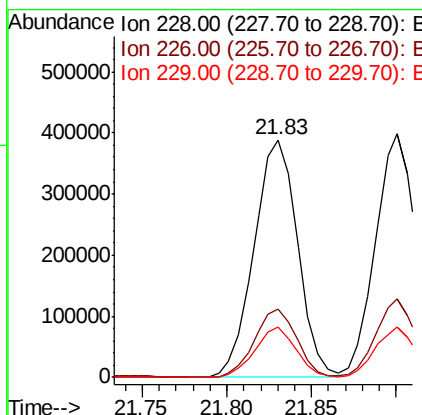
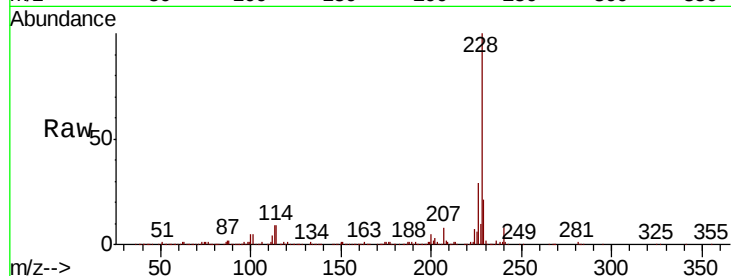




#81
Benzo(a)anthracene
Concen: 37.291 ng
RT: 21.83 min Scan# 3190
Delta R.T. -0.01 min
Lab File: BG039313.D
Acq: 29 Jan 2019 11:34

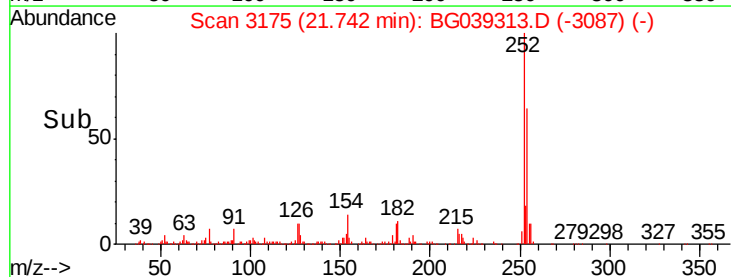
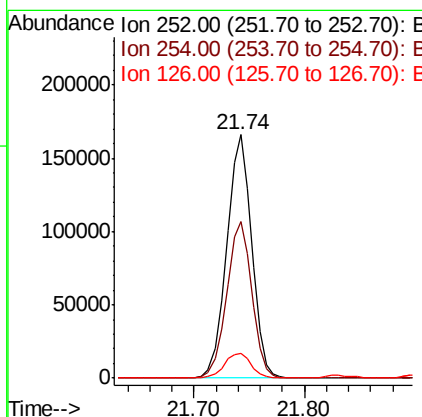
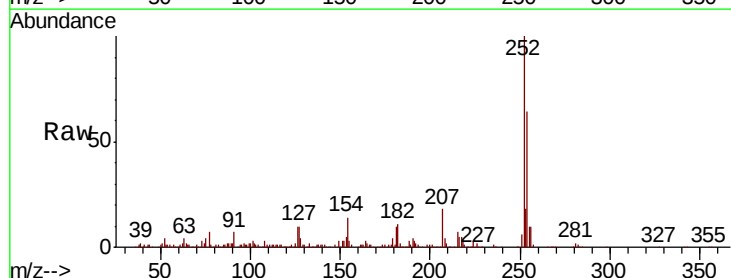
Instrument :
BNA_F
ClientSampled :

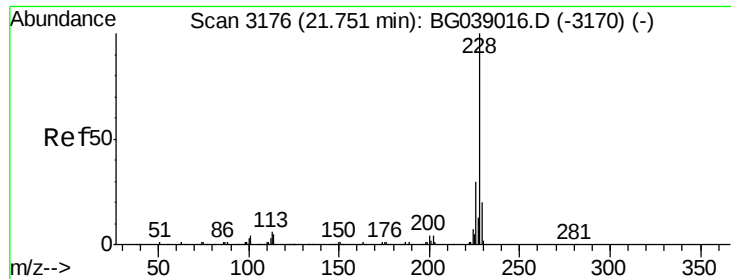
Tot Ion:228 Resp: 695803
Ion Ratio Lower Upper
228 100
226 28.8 22.4 33.6
229 21.1 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 34.589 ng
RT: 21.74 min Scan# 3175
Delta R.T. -0.01 min
Lab File: BG039313.D
Acq: 29 Jan 2019 11:34

Tgt Ion:252 Resp: 262961
Ion Ratio Lower Upper
252 100
254 64.1 53.0 79.6
126 10.0 6.0 9.0#

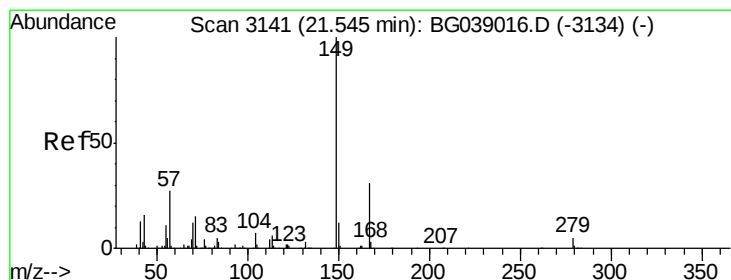
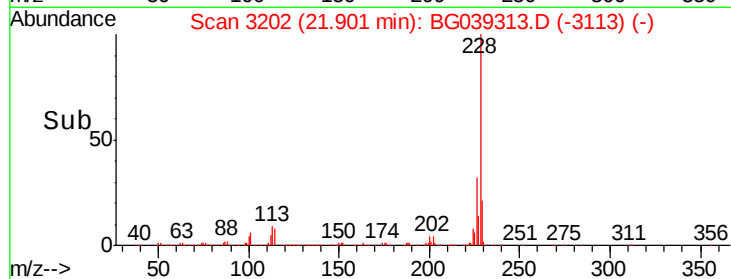
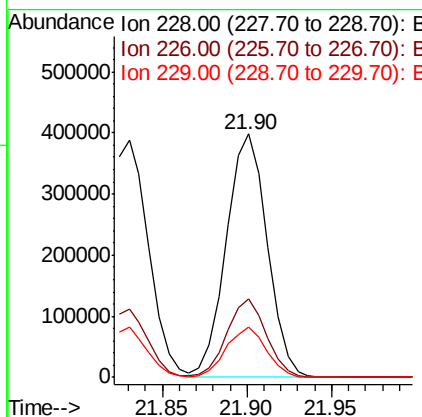
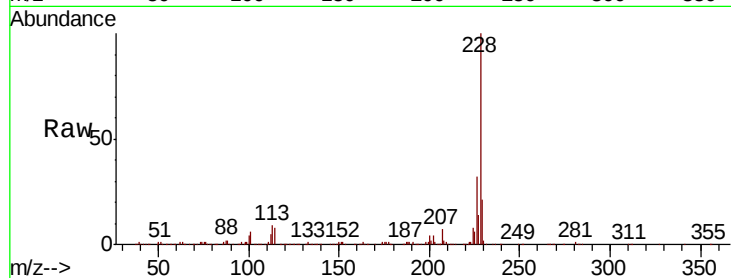




#83
 Chrvsene
 Concen: 37.676 ng
 RT: 21.90 min Scan# 3202
 Delta R.T. -0.01 min
 Lab File: BG039313.D
 Acq: 29 Jan 2019 11:34

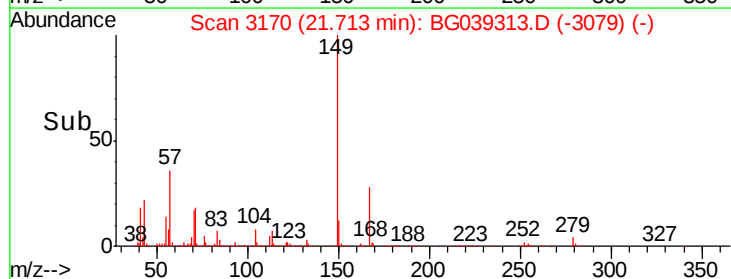
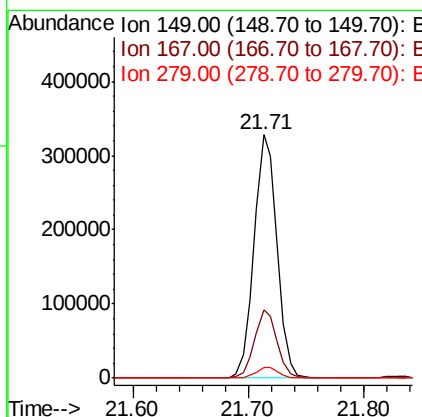
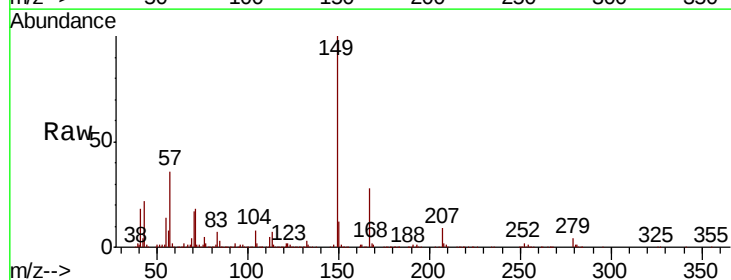
Instrument :
 BNA_F
 ClientSampleId :

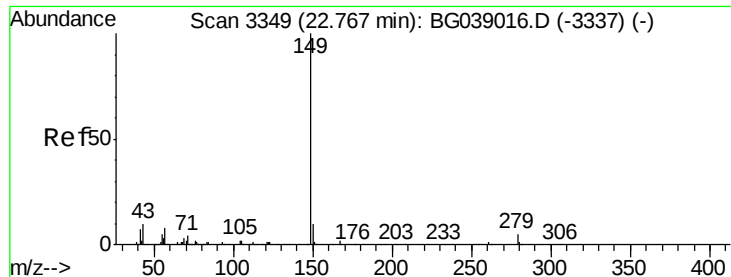
Tot Ion:228 Resp: 668592
 Ion Ratio Lower Upper
 228 100
 226 32.2 24.1 36.1
 229 20.8 16.0 24.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.788 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. 0.00 min
 Lab File: BG039313.D
 Acq: 29 Jan 2019 11:34

Tgt Ion:149 Resp: 451700
 Ion Ratio Lower Upper
 149 100
 167 28.3 25.0 37.4
 279 4.4 4.3 6.5





#85

Di-n-octyl phthalate

Concen: 43.084 ng

RT: 22.99 min Scan# 3388

Delta R.T. 0.07 min

Lab File: BG039313.D

Acq: 29 Jan 2019 11:34

Instrument :

BNA_F

ClientSampleId :

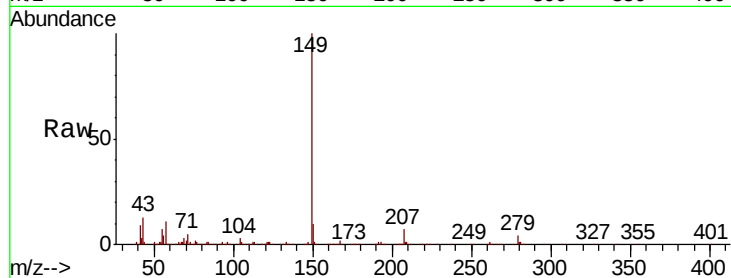
Tot Ion:149 Resp: 751509

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

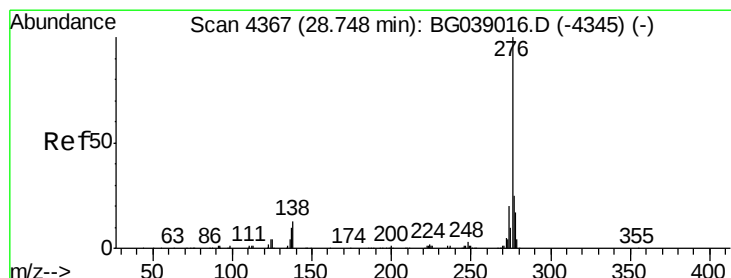
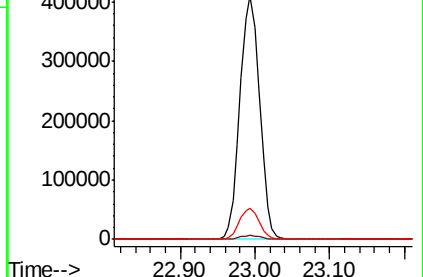
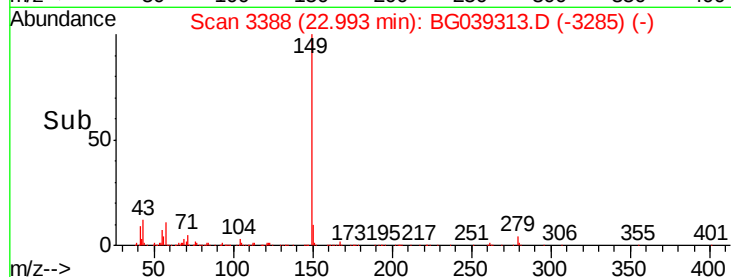
43 12.8 7.5 11.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.287 ng

RT: 29.16 min Scan# 4437

Delta R.T. 0.28 min

Lab File: BG039313.D

Acq: 29 Jan 2019 11:34

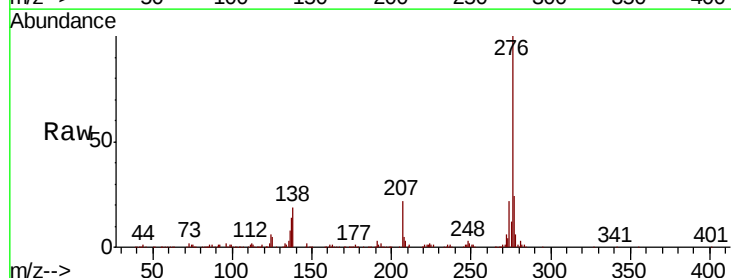
Tgt Ion:276 Resp: 727056

Ion Ratio Lower Upper

276 100

138 15.8 8.0 12.0#

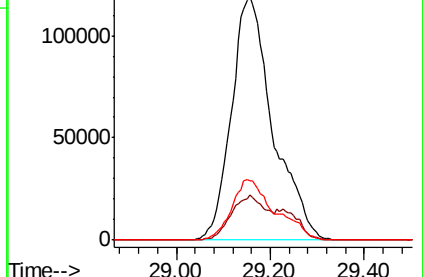
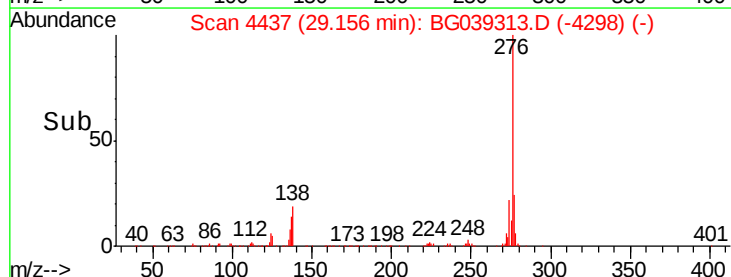
277 26.0 20.3 30.5

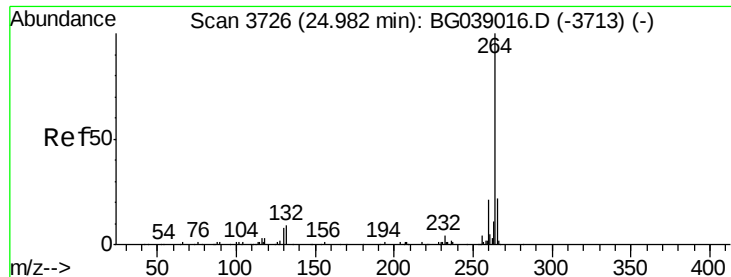


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.24 min Scan# 3771

Delta R.T. 0.12 min

Lab File: BG039313.D

Acq: 29 Jan 2019 11:34

Instrument :

BNA_F

ClientSampled :

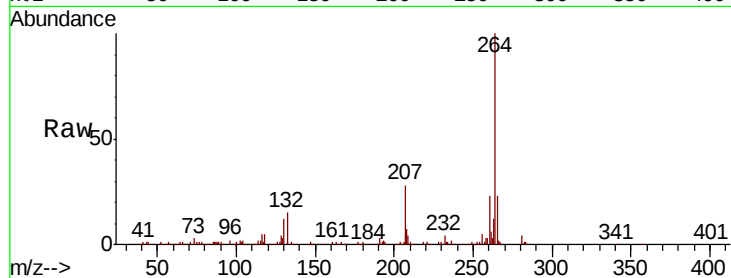
Tot Ion:264 Resp: 311441

Ion Ratio Lower Upper

264 100

260 22.8 17.0 25.6

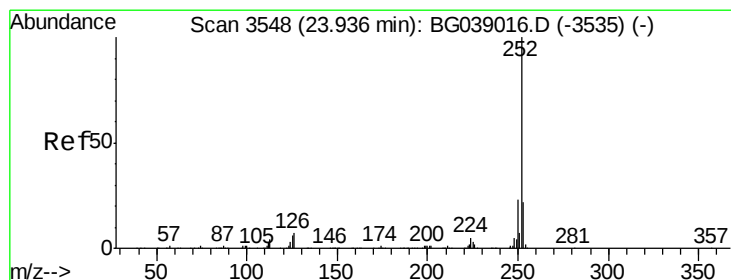
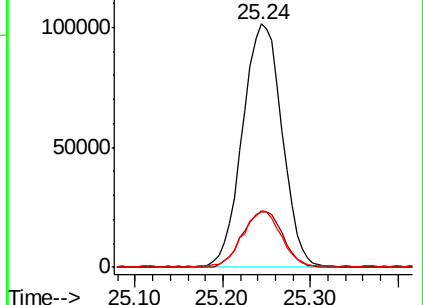
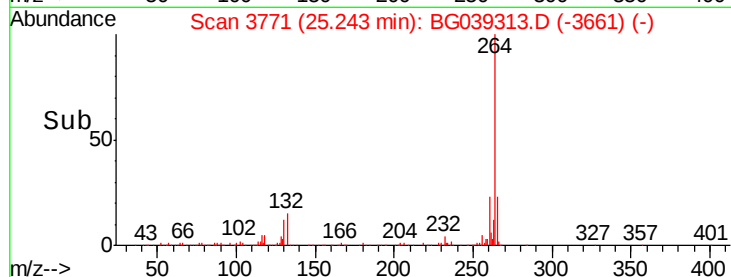
265 23.1 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.780 ng

RT: 24.16 min Scan# 3587

Delta R.T. 0.08 min

Lab File: BG039313.D

Acq: 29 Jan 2019 11:34

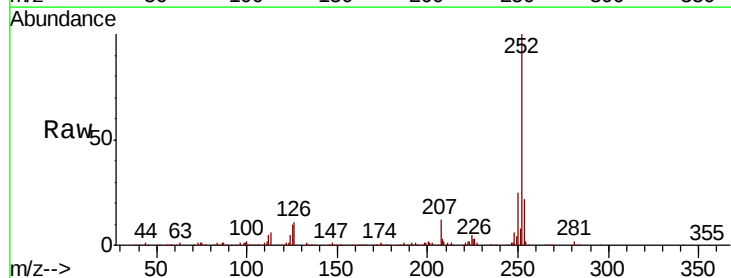
Tgt Ion:252 Resp: 665964

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

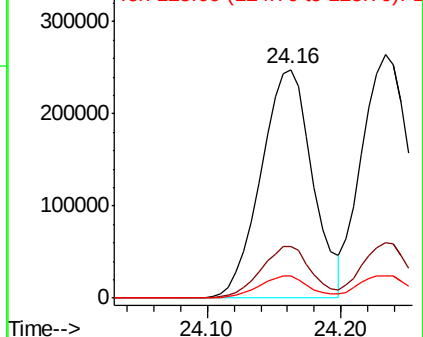
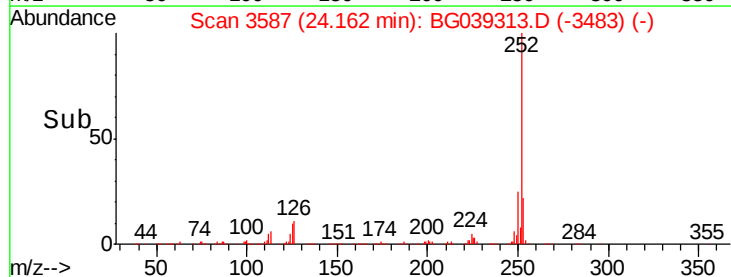
125 9.7 4.9 7.3#

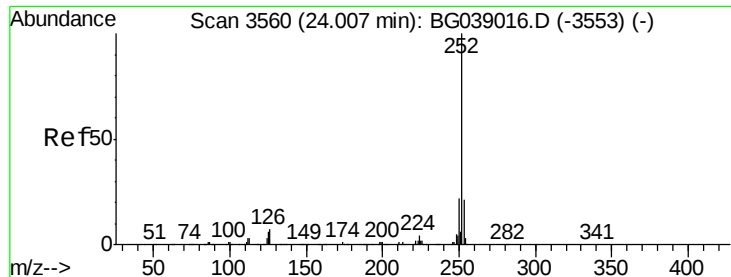


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 38.458 ng

RT: 24.23 min Scan# 3599

Delta R.T. 0.09 min

Lab File: BG039313.D

Acq: 29 Jan 2019 11:34

Instrument :

BNA_F

ClientSampleId :

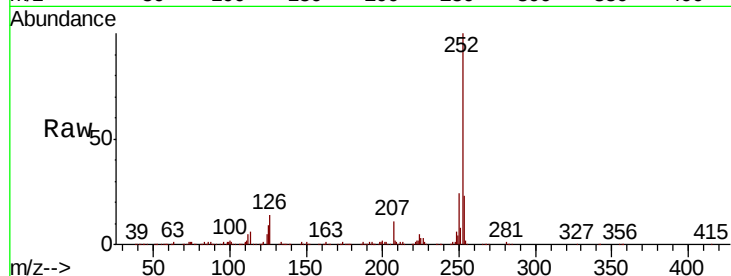
Tot Ion:252 Resp: 652984

Ion Ratio Lower Upper

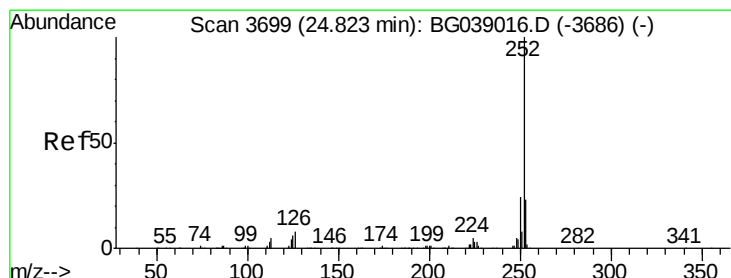
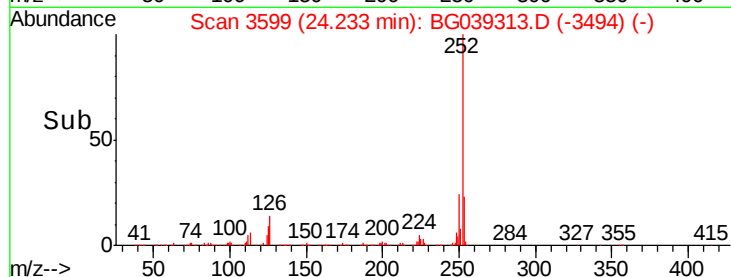
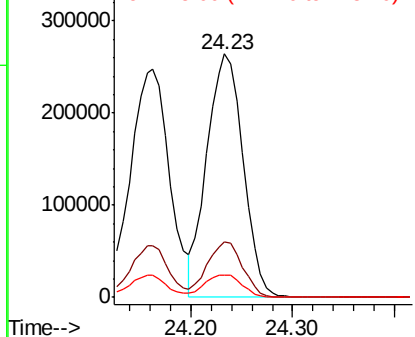
252 100

253 22.7 17.1 25.7

125 9.3 4.6 7.0#



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



#90

Benzo(a)pyrene

Concen: 38.377 ng

RT: 25.08 min Scan# 3744

Delta R.T. 0.12 min

Lab File: BG039313.D

Acq: 29 Jan 2019 11:34

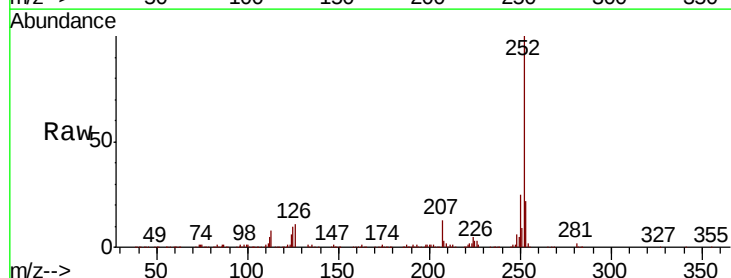
Tgt Ion:252 Resp: 637007

Ion Ratio Lower Upper

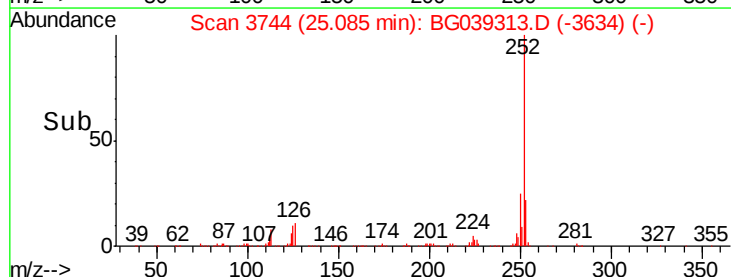
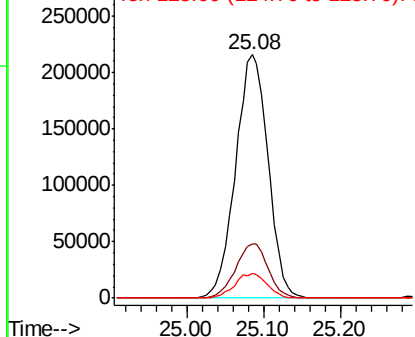
252 100

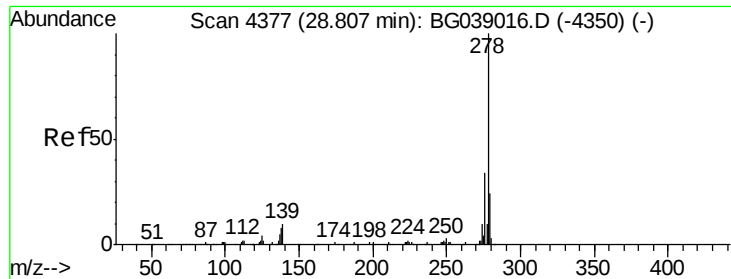
253 22.4 18.3 27.5

125 10.4 4.9 7.3#



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





#91

Dibenzo(a,h)anthracene

Concen: 35.749 ng

RT: 29.24 min Scan# 4451

Delta R.T. 0.31 min

Lab File: BG039313.D

Acq: 29 Jan 2019 11:34

Instrument :

BNA_F

ClientSampleId :

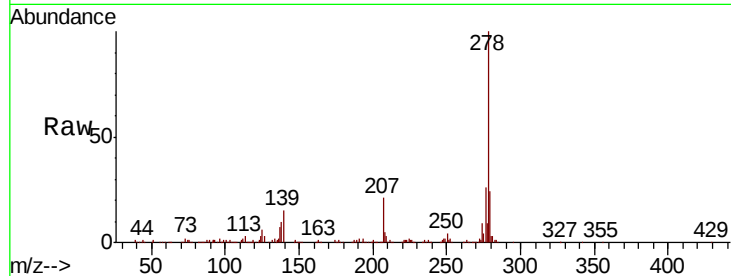
Tot Ion:278 Resp: 590233

Ion Ratio Lower Upper

278 100

139 14.6 7.9 11.9#

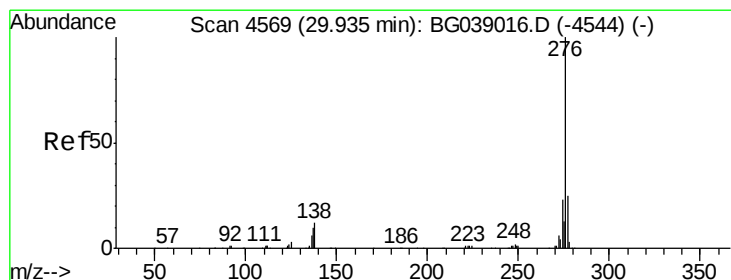
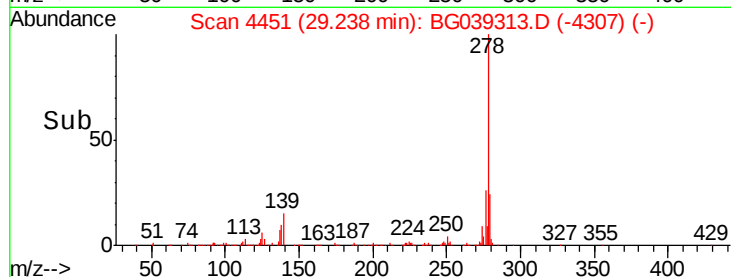
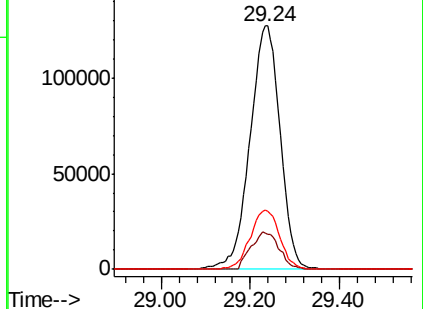
279 23.9 19.3 28.9



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: 36.392 ng

RT: 30.38 min Scan# 4646

Delta R.T. 0.33 min

Lab File: BG039313.D

Acq: 29 Jan 2019 11:34

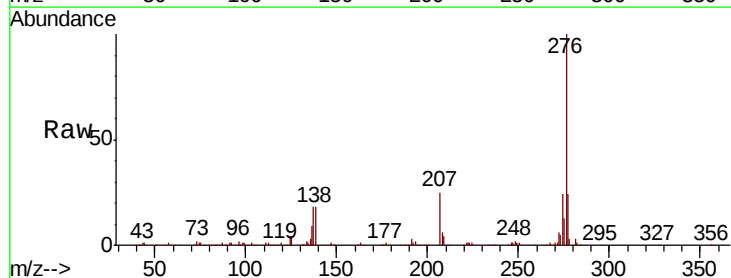
Tgt Ion:276 Resp: 594836

Ion Ratio Lower Upper

276 100

277 24.5 20.3 30.5

138 18.4 9.4 14.2#



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

