

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020119\
 Data File : BG039343.D
 Acq On : 1 Feb 2019 15:17
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Feb 01 18:05:08 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 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	52220	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	218990	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	143138	20.00	ng	0.00
64) Phenanthrene-d10	17.54	188	340312	20.00	ng	0.00
76) Chrysene-d12	21.84	240	338590	20.00	ng	0.00
87) Perylene-d12	25.22	264	350136	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	249969	81.93	ng	0.00
7) Phenol-d6	7.31	99	364341	81.12	ng	0.00
23) Nitrobenzene-d5	9.36	82	327797	93.51	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	135832	88.13	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	798544	80.03	ng	0.00
79) Terphenyl-d14	20.14	244	1250503	78.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.61	88	53545	40.120	ng	97
3) Pyridine	4.02	79	149643	42.349	ng	96
4) n-Nitrosodimethylamine	3.93	42	66946	37.883	ng	89
6) Aniline	7.51	93	219626	39.041	ng	98
8) 2-Chlorophenol	7.73	128	136377	40.891	ng	97
9) Benzaldehyde	7.32	77	92623	41.834	ng	95
10) Phenol	7.34	94	186214	39.775	ng	97
11) bis(2-Chloroethyl)ether	7.59	93	145822	39.418	ng	100
12) 1,3-Dichlorobenzene	8.06	146	159849	39.564	ng	98
13) 1,4-Dichlorobenzene	8.22	146	161580	40.124	ng	98
14) 1,2-Dichlorobenzene	8.53	146	154008	39.505	ng	98
15) Benzyl Alcohol	8.42	79	140904	39.962	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.69	45	297237	35.580	ng	99
17) 2-Methylphenol	8.60	107	117917	38.921	ng	99
18) Hexachloroethane	9.27	117	57298	41.357	ng	95
19) n-Nitroso-di-n-propylamine	8.99	70	122126	38.312	ng	95
20) 3+4-Methylphenols	8.93	107	168174	40.310	ng	98
22) Acetophenone	9.01	105	238855	40.605	ng	# 96
24) Nitrobenzene	9.40	77	168985	44.622	ng	96
25) Isophorone	9.91	82	304332	39.178	ng	100
26) 2-Nitrophenol	10.11	139	72781	48.848	ng	98
27) 2,4-Dimethylphenol	10.15	122	129293	41.145	ng	97
28) bis(2-Chloroethoxy)methane	10.40	93	194089	40.565	ng	99
29) 2,4-Dichlorophenol	10.64	162	148587	43.265	ng	94
30) 1,2,4-Trichlorobenzene	10.85	180	163675	42.449	ng	99
31) Naphthalene	11.05	128	434919	40.033	ng	99
32) Benzoic acid	10.26	122	92739	45.620	ng	97
33) 4-Chloroaniline	11.16	127	201321	39.966	ng	98
34) Hexachlorobutadiene	11.32	225	107846	42.058	ng	92
35) Caprolactam	11.95	113	59441	41.825	ng	# 87
36) 4-Chloro-3-methylphenol	12.25	107	166864	42.012	ng	99
37) 2-Methylnaphthalene	12.65	142	319967	39.765	ng	97
38) 1-Methylnaphthalene	12.86	142	309905	39.955	ng	99
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	190634	41.859	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020119\
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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Time: Feb 01 18:05:08 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	134673	54.267	ng	97
43) 2,4,6-Trichlorophenol	13.23	196	123723	44.184	ng	98
44) 2,4,5-Trichlorophenol	13.30	196	131312	44.743	ng	98
46) 1,1'-Biphenyl	13.64	154	471055	39.553	ng	99
47) 2-Chloronaphthalene	13.69	162	358994	40.070	ng	98
48) 2-Nitroaniline	13.89	65	113985	44.931	ng	94
49) Acenaphthylene	14.53	152	539994	39.944	ng	100
50) Dimethylphthalate	14.25	163	455477	39.400	ng	98
51) 2,6-Dinitrotoluene	14.38	165	99127	46.169	ng	99
52) Acenaphthene	14.87	154	345046	39.320	ng	98
53) 3-Nitroaniline	14.71	138	104023	45.028	ng #	93
54) 2,4-Dinitrophenol	14.91	184	34734	46.106	ng	93
55) Dibenzofuran	15.20	168	563325	40.038	ng	100
56) 4-Nitrophenol	14.99	139	86661	44.251	ng	90
57) 2,4-Dinitrotoluene	15.16	165	132418	47.871	ng #	88
58) Fluorene	15.85	166	412894	39.367	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.41	232	123073	44.788	ng	99
60) Diethylphthalate	15.61	149	459478	38.442	ng	99
61) 4-Chlorophenyl-phenylether	15.84	204	242379	40.812	ng	95
62) 4-Nitroaniline	15.87	138	107740	44.755	ng	91
63) Azobenzene	16.13	77	437269	37.429	ng	98
65) 4,6-Dinitro-2-methylphenol	15.92	198	63204	47.391	ng	95
66) n-Nitrosodiphenylamine	16.05	169	405834	39.220	ng	100
67) 4-Bromophenyl-phenylether	16.73	248	153528	40.666	ng	96
68) Hexachlorobenzene	16.84	284	159307	42.057	ng	95
69) Atrazine	16.99	200	152978	40.454	ng	95
70) Pentachlorophenol	17.18	266	113694	43.187	ng	99
71) Phenanthrene	17.59	178	687739	39.046	ng	99
72) Anthracene	17.68	178	675118	38.913	ng	98
73) Carbazole	17.95	167	665603	38.442	ng	100
74) Di-n-butylphthalate	18.49	149	785656	38.895	ng	100
75) Fluoranthene	19.59	202	807466	39.497	ng	100
77) Benzidine	19.77	184	467675	42.130	ng	99
78) Pyrene	19.95	202	832175	39.480	ng	99
80) Butylbenzylphthalate	20.82	149	357457	40.202	ng	99
81) Benzo(a)anthracene	21.82	228	795323	39.752	ng	99
82) 3,3'-Dichlorobenzidine	21.73	252	304841	41.092	ng	98
83) Chrysene	21.89	228	760762	39.944	ng	100
84) Bis(2-ethylhexyl)phthalate	21.70	149	497563	39.224	ng	99
85) Di-n-octyl phthalate	22.97	149	830329	39.621	ng	98
86) Indeno(1,2,3-cd)pyrene	29.12	276	863617	42.263	ng #	94
88) Benzo(b)fluoranthene	24.14	252	764774	40.051	ng	98
89) Benzo(k)fluoranthene	24.22	252	752616	39.258	ng	99
90) Benzo(a)pyrene	25.06	252	738530	40.160	ng	100
91) Dibenzo(a,h)anthracene	29.19	278	708097	41.116	ng	99
92) Benzo(g,h,i)perylene	30.35	276	712600	41.513	ng	99

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

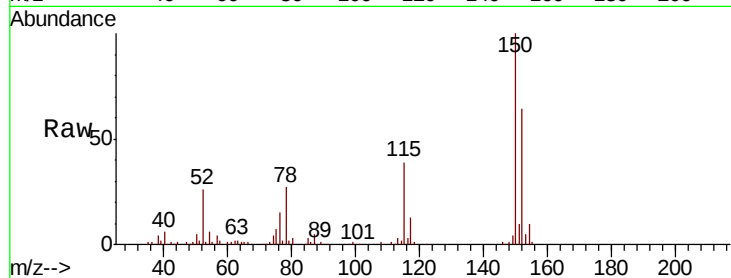


#1

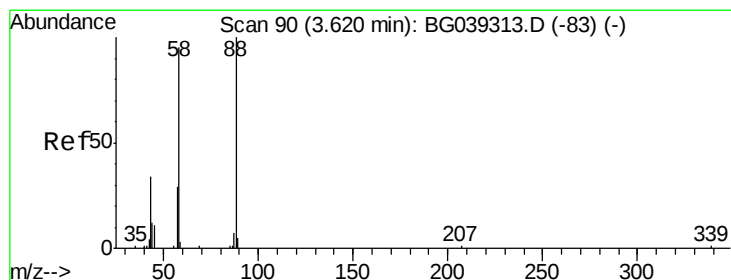
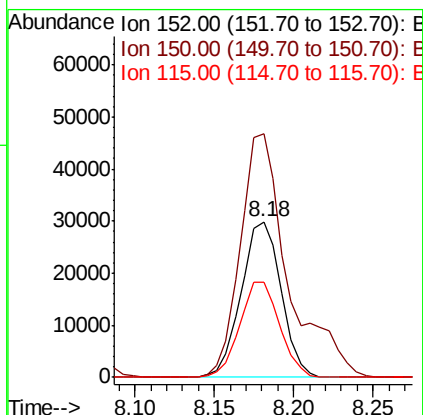
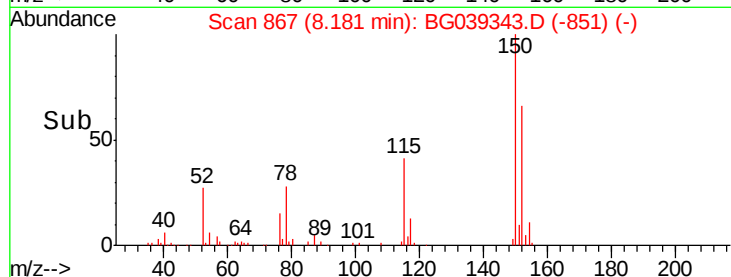
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.00 min
Lab File: BG039343.D
Acq: 1 Feb 2019 15:17

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion:152 Resp: 52220
Ion Ratio Lower Upper
152 100
150 156.7 123.7 185.5
115 61.6 45.9 68.9



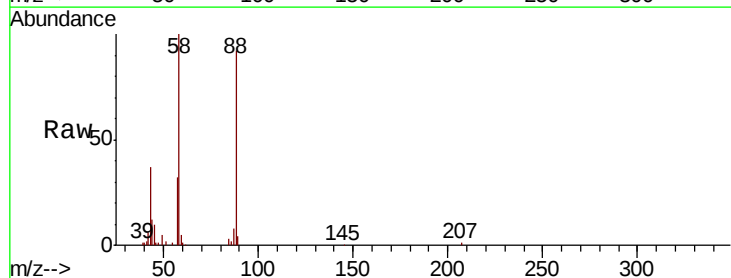
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



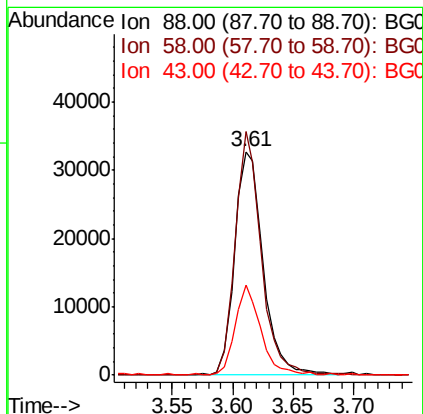
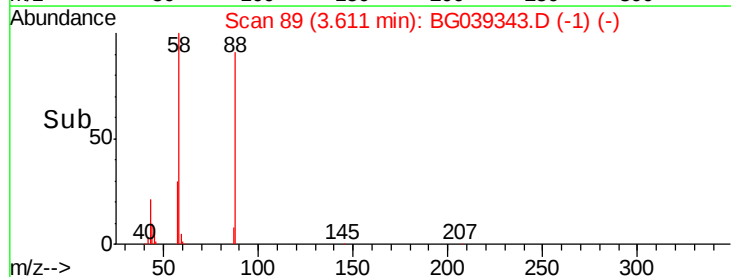
#2

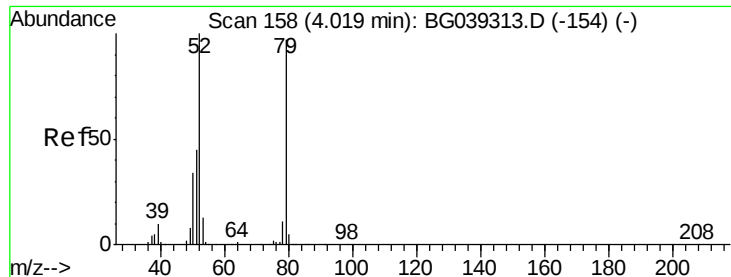
1,4-Dioxane
Concen: 40.120 ng
RT: 3.61 min Scan# 89
Delta R.T. -0.01 min
Lab File: BG039343.D
Acq: 1 Feb 2019 15:17

Tgt Ion: 88 Resp: 53545
Ion Ratio Lower Upper
88 100
58 99.7 81.1 121.7
43 36.2 31.4 47.0



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: 42.349 ng

RT: 4.02 min Scan# 158

Delta R.T. -0.00 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

Instrument :

BNA_F

ClientSampled :

DFTPP

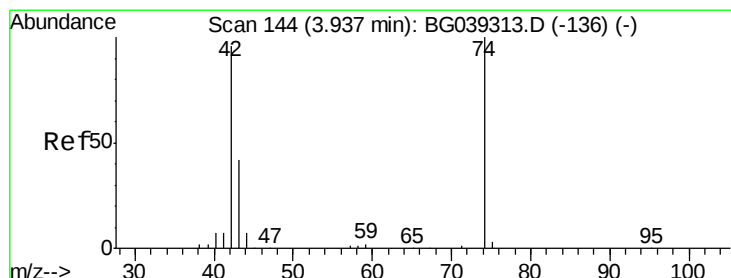
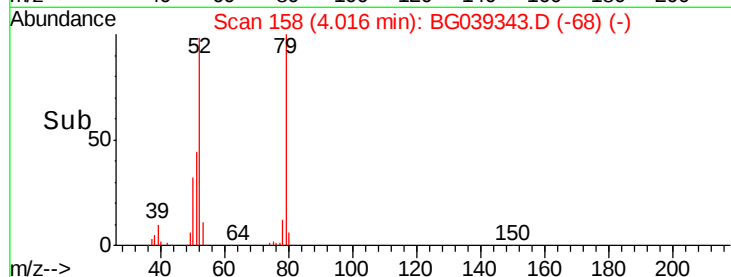
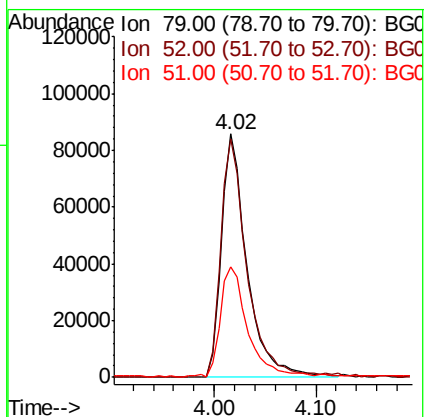
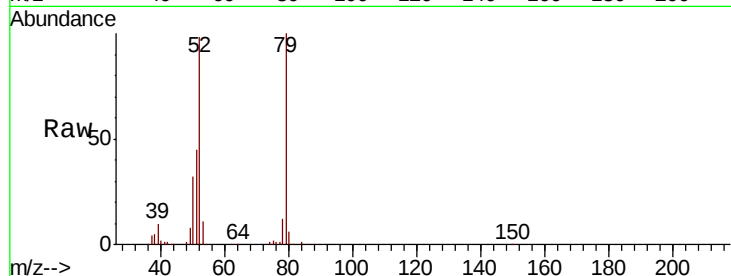
Tot Ion: 79 Resp: 149643

Ion Ratio Lower Upper

79 100

52 97.9 82.6 124.0

51 45.3 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 37.883 ng

RT: 3.93 min Scan# 144

Delta R.T. -0.00 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

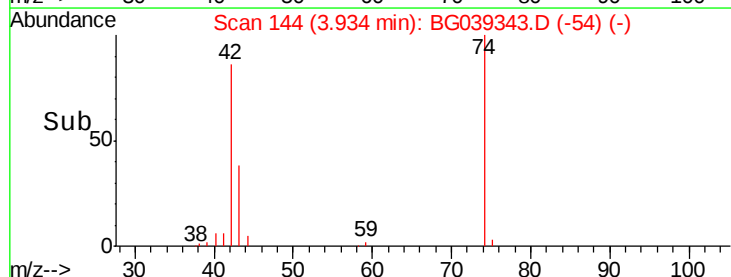
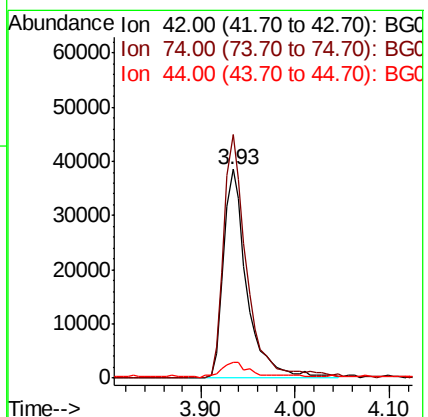
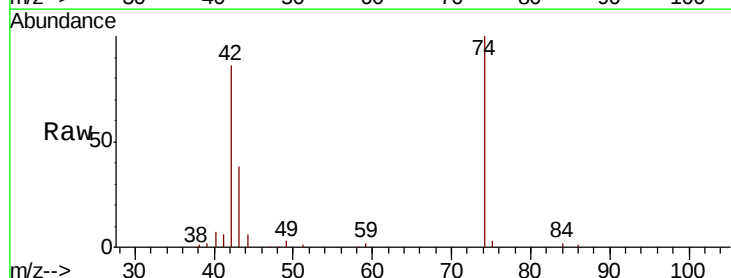
Tgt Ion: 42 Resp: 66946

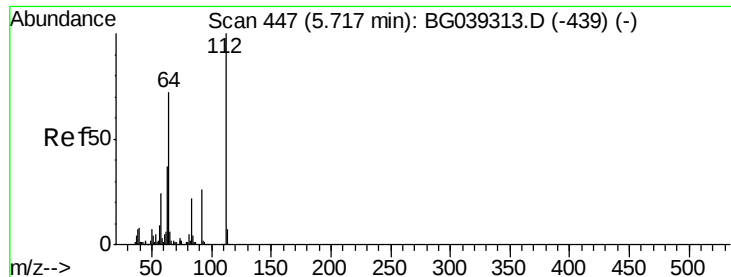
Ion Ratio Lower Upper

42 100

74 116.7 83.6 125.4

44 7.3 6.9 10.3





#5

2-Fluorophenol

Concen: 81.927 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

Instrument :

BNA_F

ClientSampleId :

DFTPP

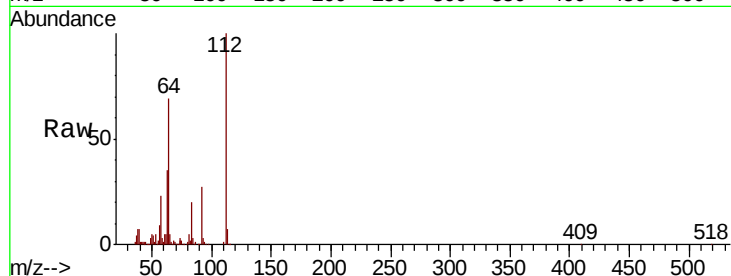
Tot Ion:112 Resp: 249969

Ion Ratio Lower Upper

112 100

64 68.6 57.8 86.8

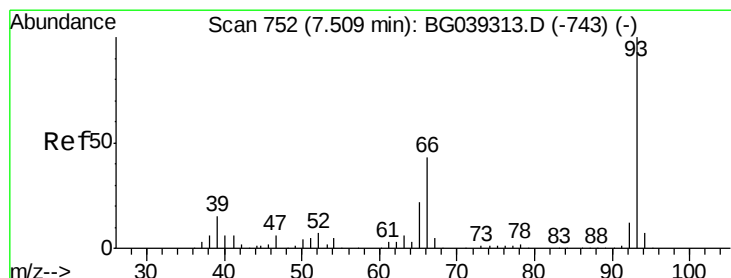
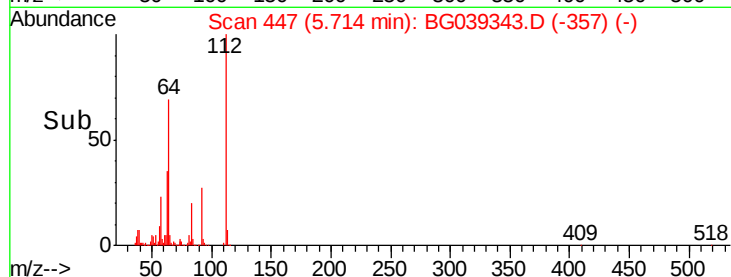
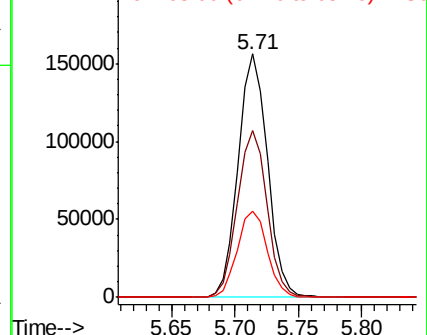
63 35.3 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.041 ng

RT: 7.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

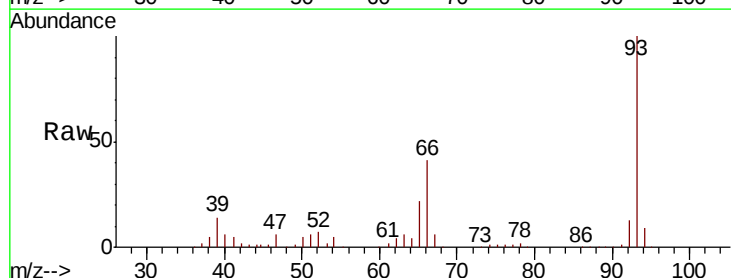
Tgt Ion: 93 Resp: 219626

Ion Ratio Lower Upper

93 100

66 40.8 34.2 51.4

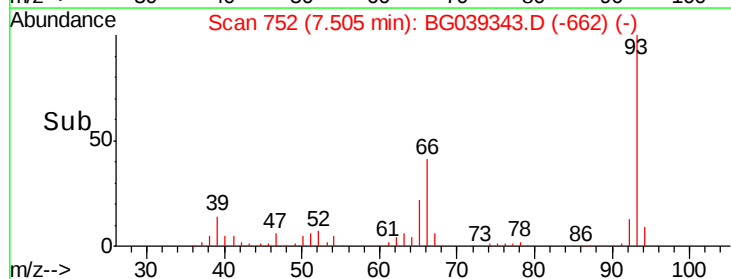
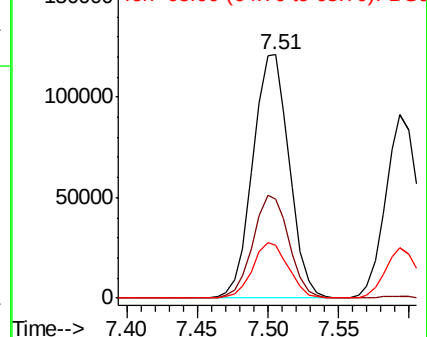
65 22.0 17.7 26.5

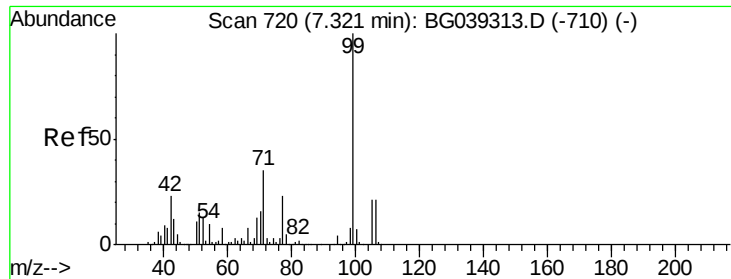


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 81.124 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

Instrument :

BNA_F

ClientSampled :

DFTPP

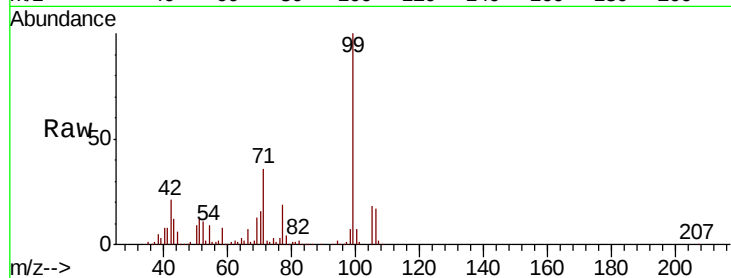
Tot Ion: 99 Resp: 364341

Ion Ratio Lower Upper

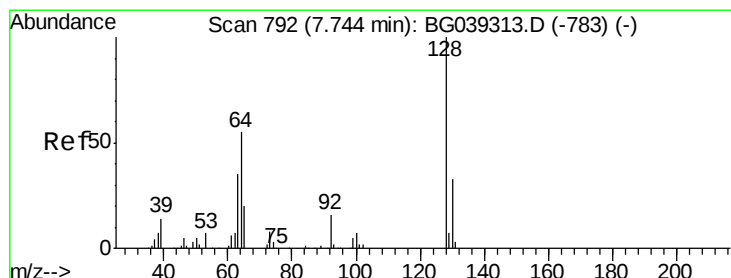
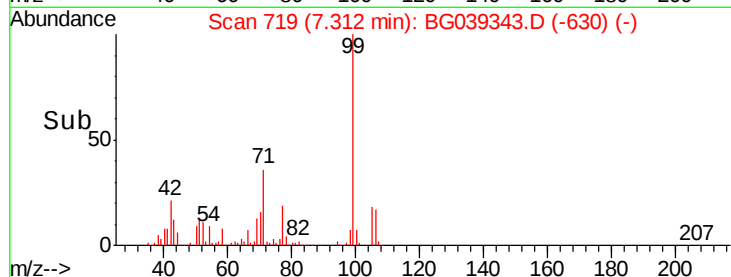
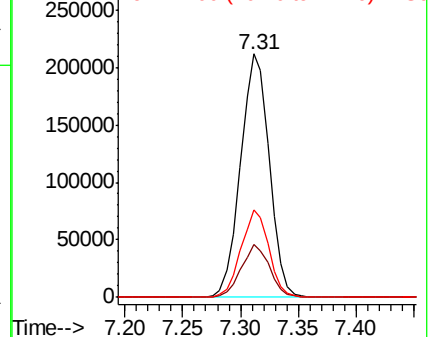
99 100

42 21.5 18.2 27.2

71 35.8 28.0 42.0



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



#8

2-Chlorophenol

Concen: 40.891 ng

RT: 7.73 min Scan# 791

Delta R.T. -0.01 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

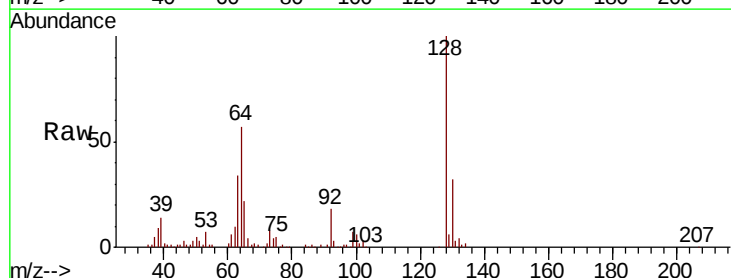
Tgt Ion: 128 Resp: 136377

Ion Ratio Lower Upper

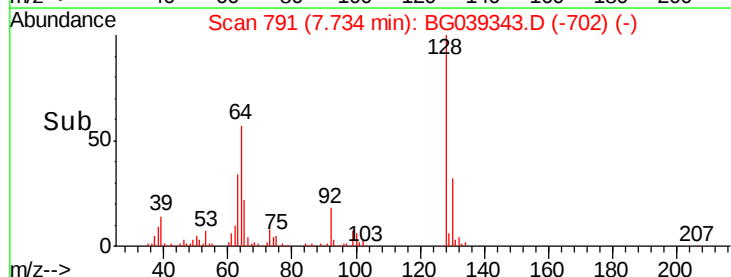
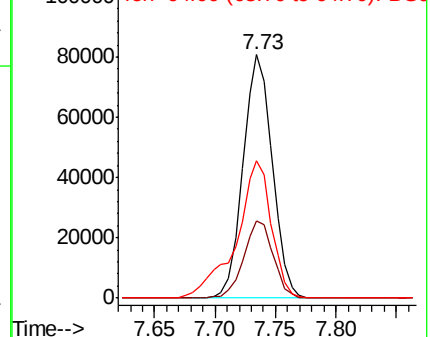
128 100

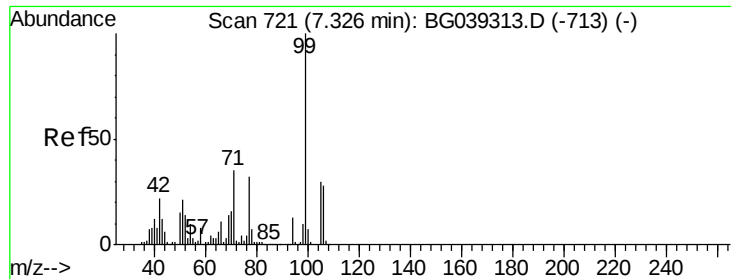
130 31.8 12.9 52.9

64 56.5 38.7 78.7



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: 41.834 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

Instrument :

BNA_F

ClientSampled :

DFTPP

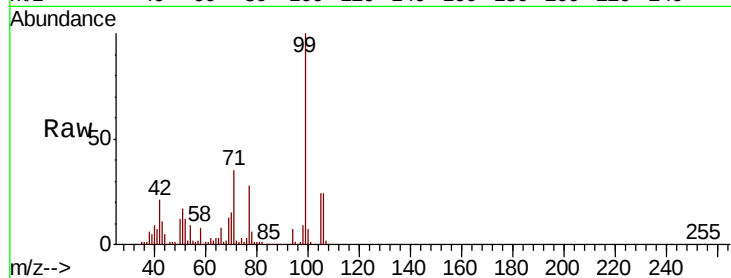
Tot Ion: 77 Resp: 92623

Ion Ratio Lower Upper

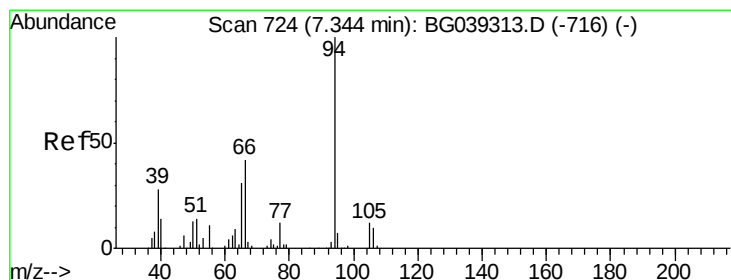
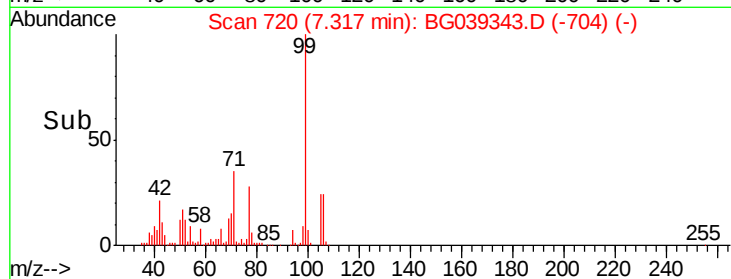
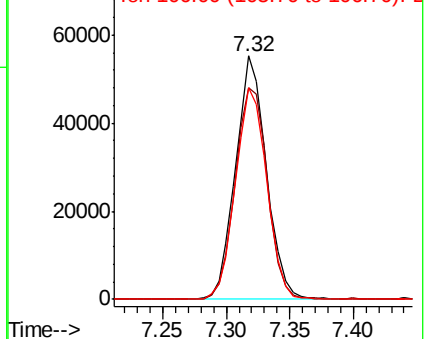
77 100

105 86.8 74.5 114.5

106 86.7 68.0 108.0



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: 39.775 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

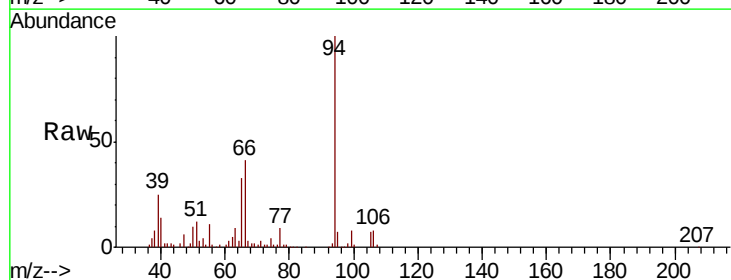
Tgt Ion: 94 Resp: 186214

Ion Ratio Lower Upper

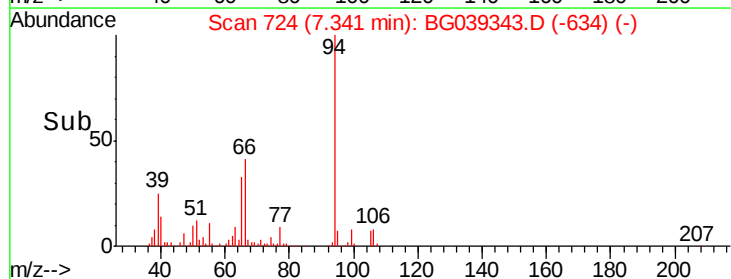
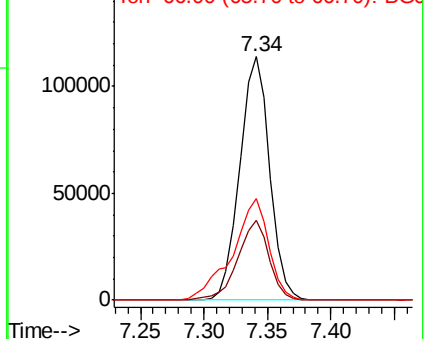
94 100

65 32.9 11.7 51.7

66 41.5 23.7 63.7



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

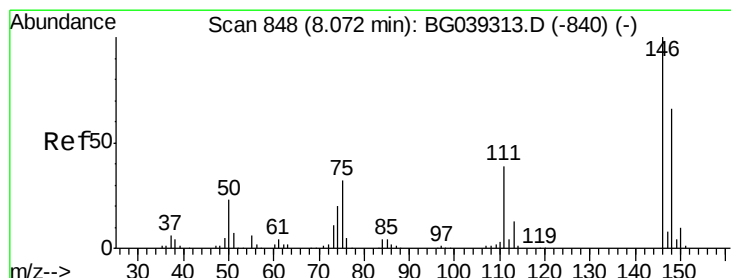
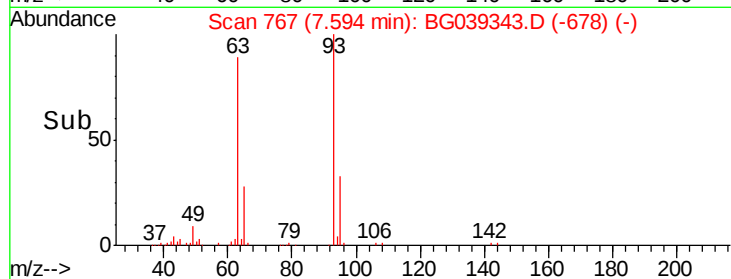
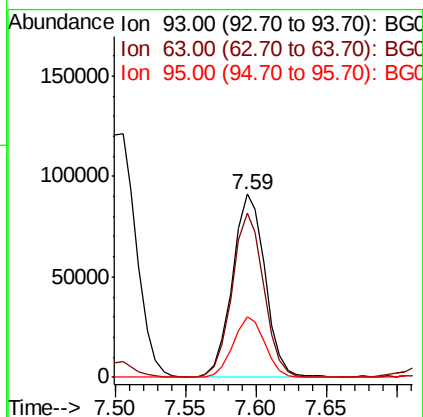
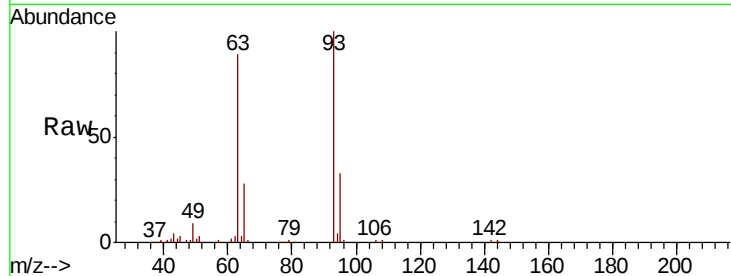




#11
bis(2-Chloroethyl)ether
Concen: 39.418 ng
RT: 7.59 min Scan# 767
Delta R.T. -0.01 min
Lab File: BG039343.D
Acq: 1 Feb 2019 15:17

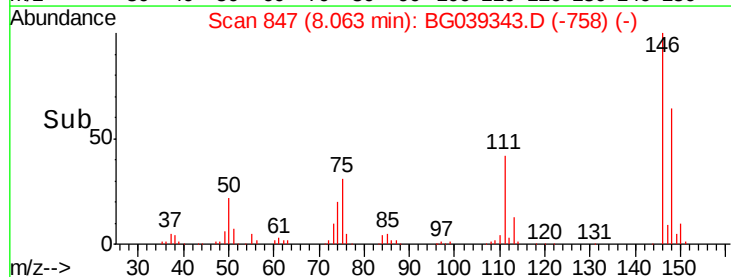
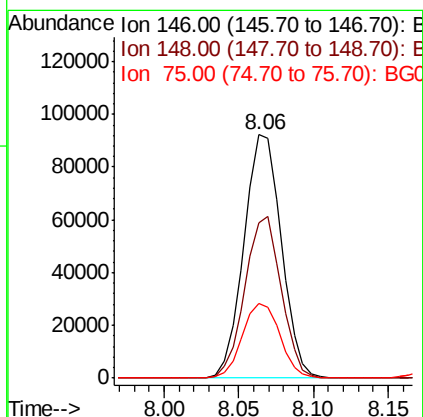
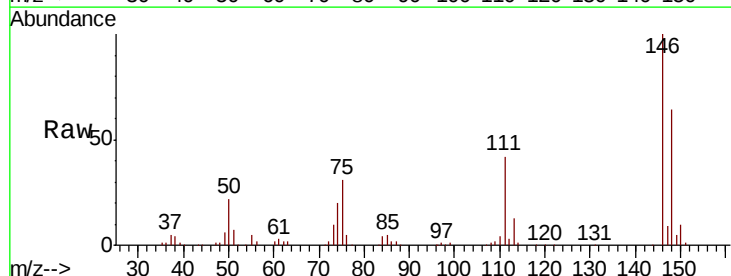
Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion: 93 Resp: 145822
Ion Ratio Lower Upper
93 100
63 89.3 69.5 109.5
95 32.9 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 39.564 ng
RT: 8.06 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG039343.D
Acq: 1 Feb 2019 15:17

Tgt Ion: 146 Resp: 159849
Ion Ratio Lower Upper
146 100
148 64.0 52.6 79.0
75 30.9 25.8 38.6

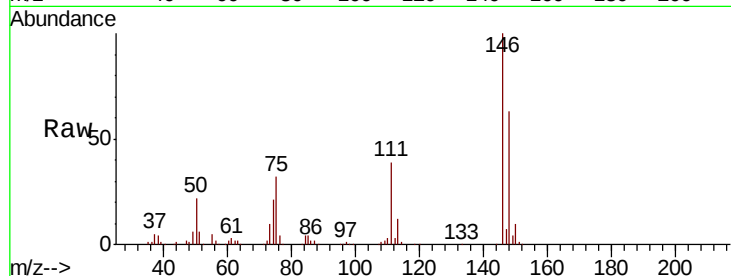




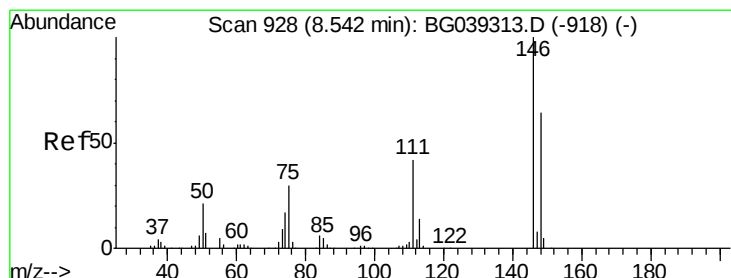
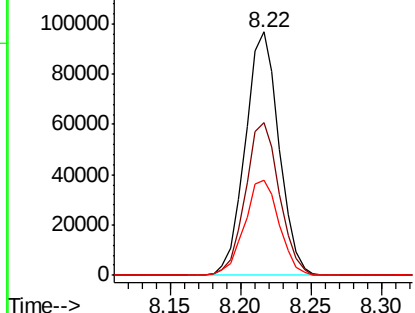
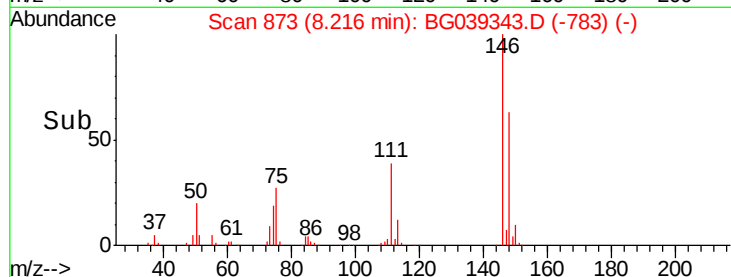
#13
 1,4-Dichlorobenzene
 Concen: 40.124 ng
 RT: 8.22 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: BG039343.D
 Acq: 1 Feb 2019 15:17

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tot Ion:146 Resp: 161580
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.1 76.7
 111 39.0 32.6 48.8

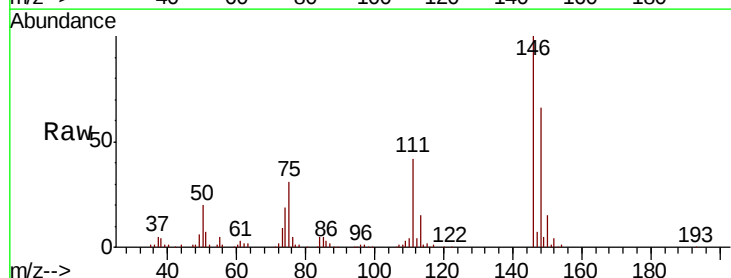


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

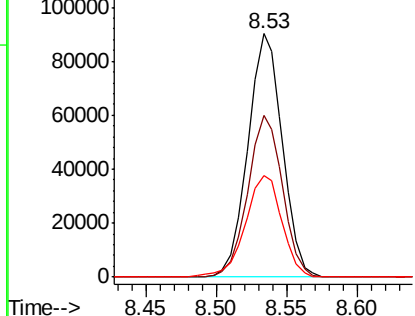
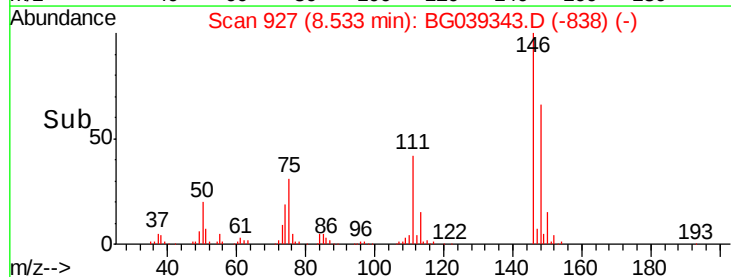


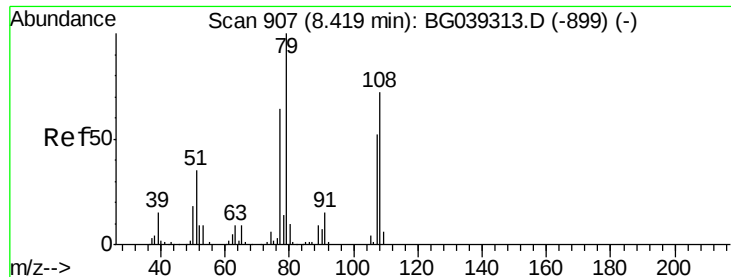
#14
 1,2-Dichlorobenzene
 Concen: 39.505 ng
 RT: 8.53 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BG039343.D
 Acq: 1 Feb 2019 15:17

Tgt Ion:146 Resp: 154008
 Ion Ratio Lower Upper
 146 100
 148 66.3 51.5 77.3
 111 41.7 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 39.962 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

Instrument :

BNA_F

ClientSampled :

DFTPP

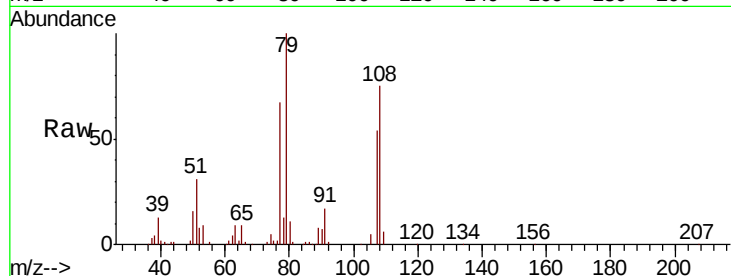
Tot Ion: 79 Resp: 140904

Ion Ratio Lower Upper

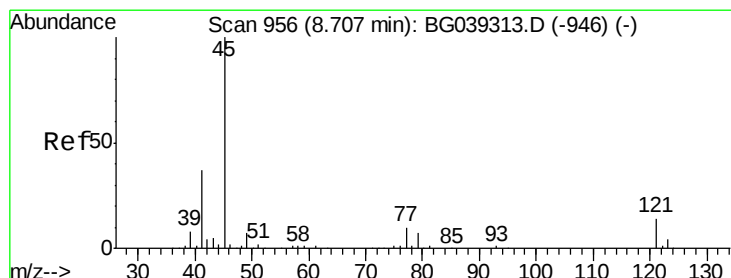
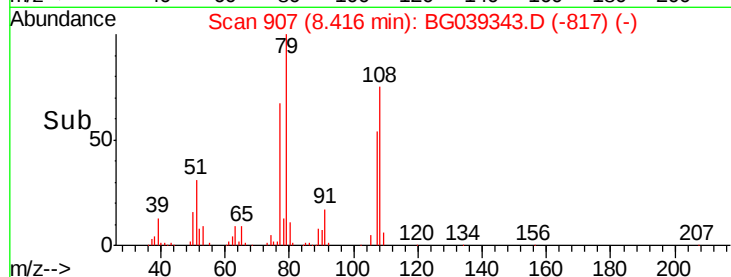
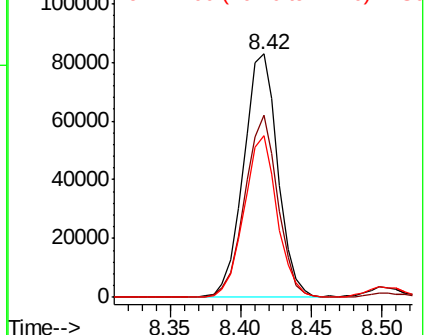
79 100

108 74.8 57.8 86.6

77 66.6 51.1 76.7



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.580 ng

RT: 8.69 min Scan# 954

Delta R.T. -0.01 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

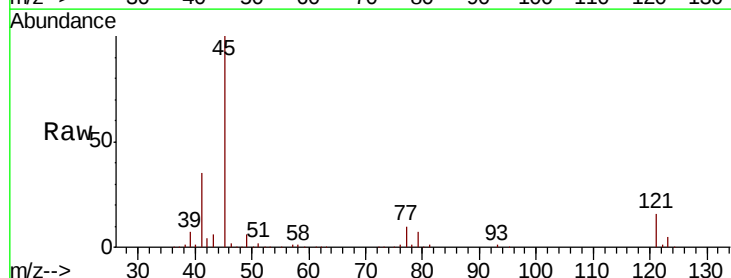
Tgt Ion: 45 Resp: 297237

Ion Ratio Lower Upper

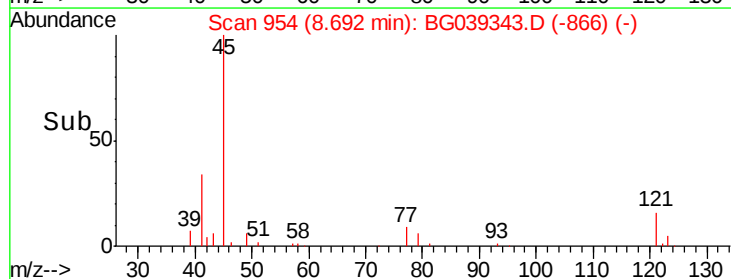
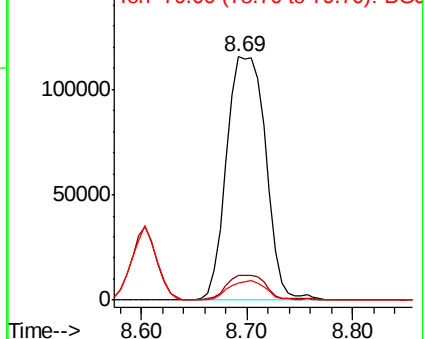
45 100

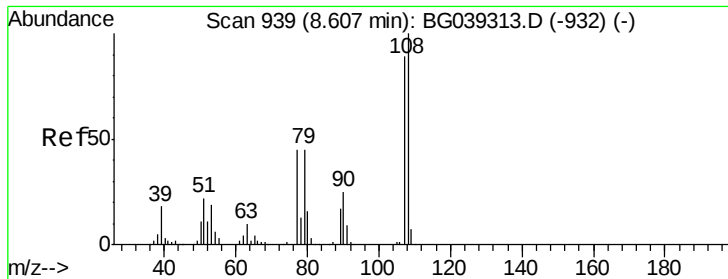
77 10.4 0.0 30.0

79 7.0 0.0 27.5



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

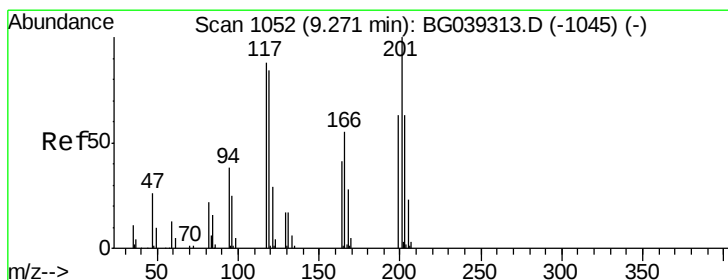
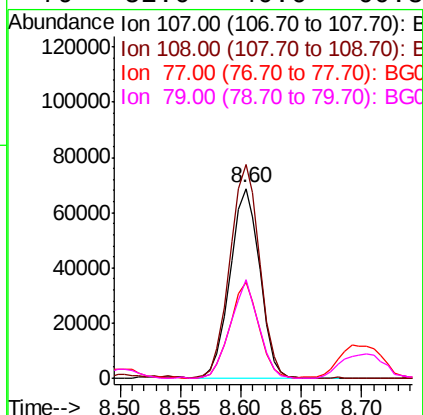
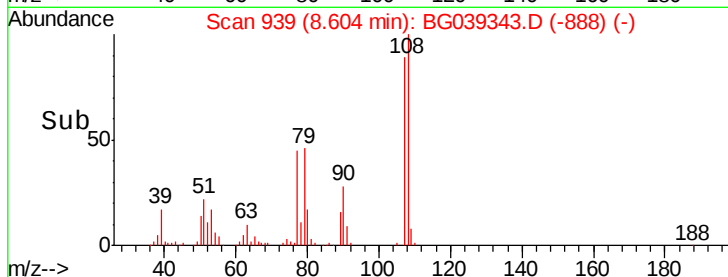
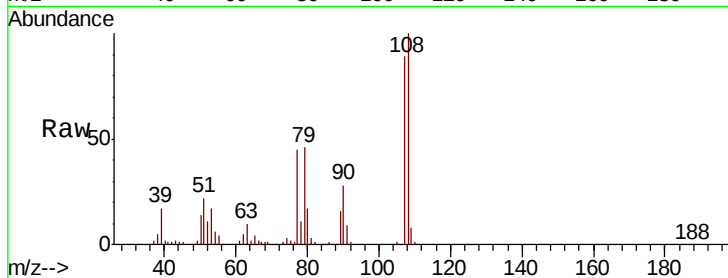




#17
2-Methylphenol
Concen: 38.921 ng
RT: 8.60 min Scan# 939
Delta R.T. -0.00 min
Lab File: BG039343.D
Acq: 1 Feb 2019 15:17

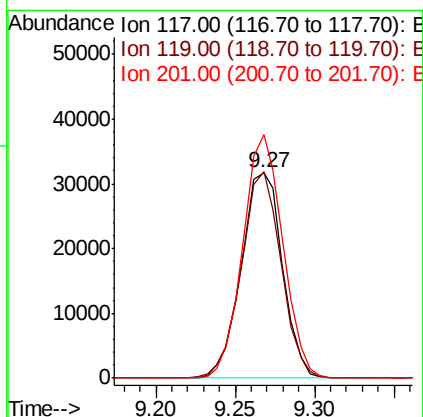
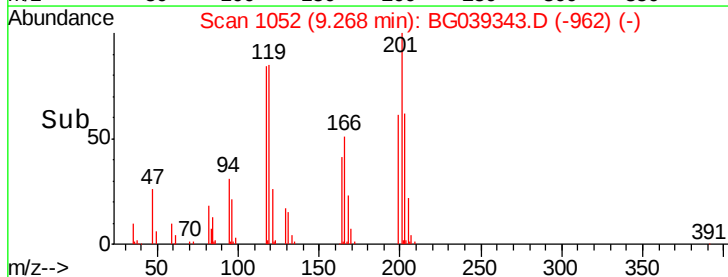
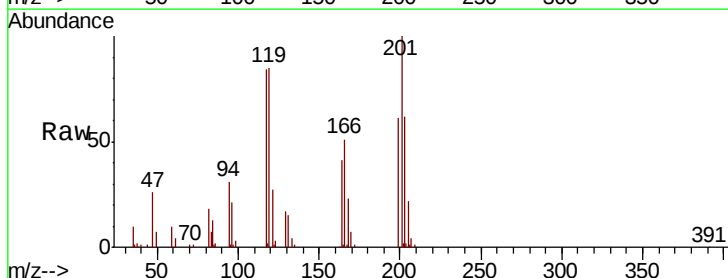
Instrument :
BNA_F
ClientSampleId :
DFTPP

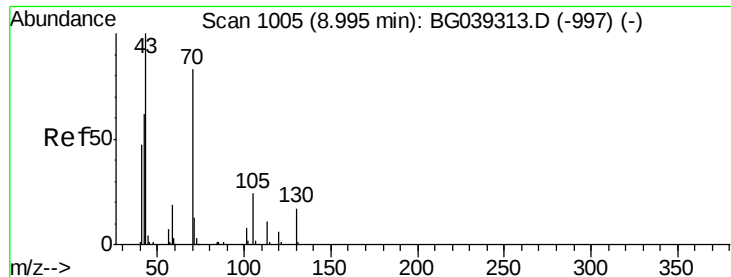
Tot Ion:	107	Resp:	117917
Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.8	136.2
77	50.9	40.7	61.1
79	52.0	40.6	60.8



#18
Hexachloroethane
Concen: 41.357 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BG039343.D
Acq: 1 Feb 2019 15:17

Tgt Ion:	117	Resp:	57298
Ion	Ratio	Lower	Upper
117	100		
119	100.5	76.3	114.5
201	118.4	91.1	136.7

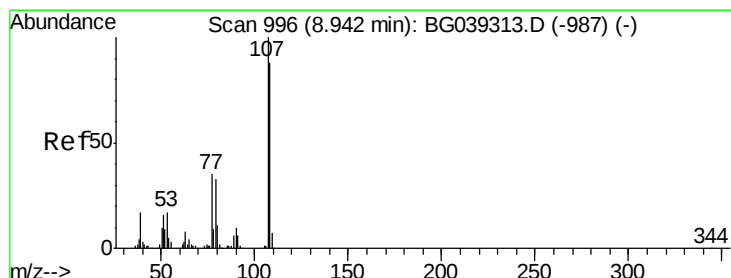
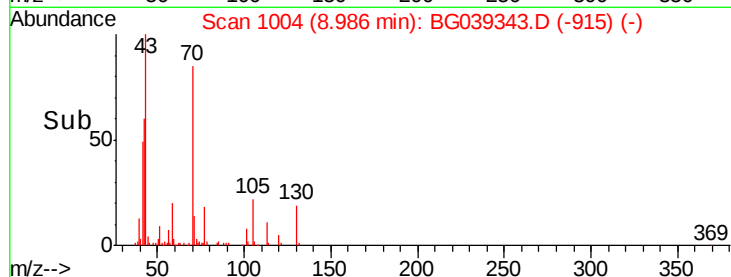
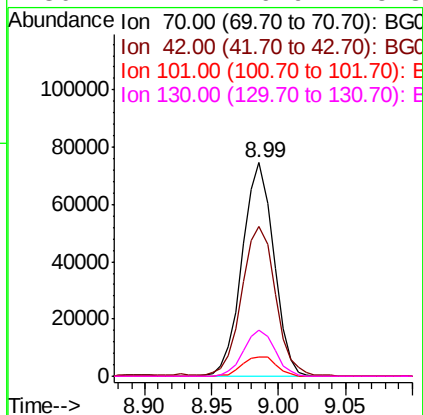
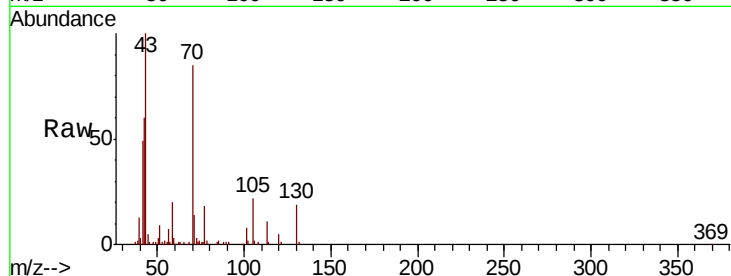




#19
n-Nitroso-di-n-propylamine
Concen: 38.312 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG039343.D
Acq: 1 Feb 2019 15:17

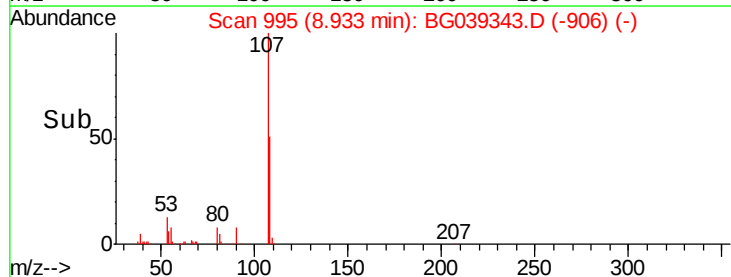
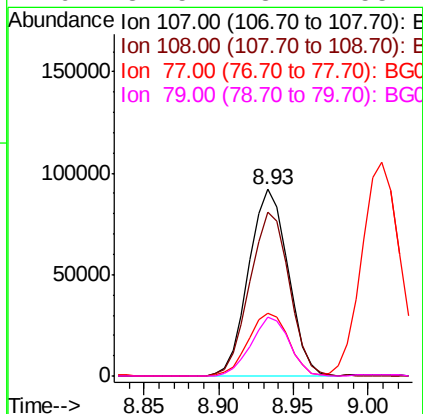
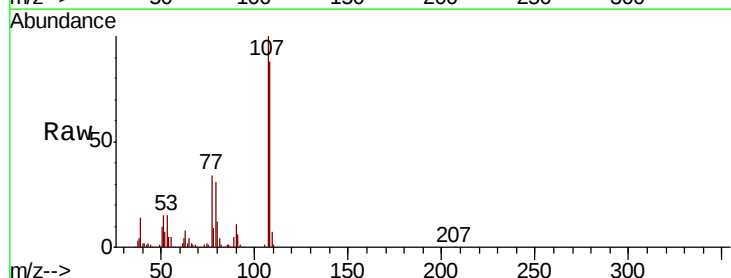
Instrument :
BNA_F
ClientSampleId :
DFTPP

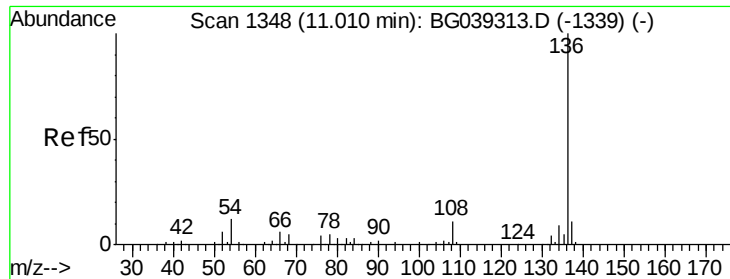
Tot Ion:	70	Resp:	122126
Ion	Ratio	Lower	Upper
70	100		
42	70.2	60.4	90.6
101	9.3	7.5	11.3
130	21.7	16.9	25.3



#20
3+4-Methylphenols
Concen: 40.310 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG039343.D
Acq: 1 Feb 2019 15:17

Tgt Ion:	107	Resp:	168174
Ion	Ratio	Lower	Upper
107	100		
108	87.7	67.9	107.9
77	33.8	15.4	55.4
79	31.5	13.7	53.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.00 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

Instrument :

BNA_F

ClientSampleId :

DFTPP

Tot Ion:136 Resp: 218990

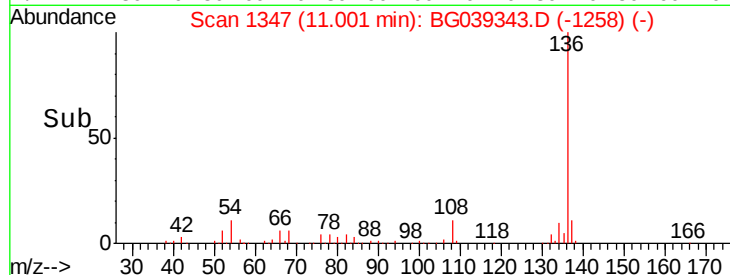
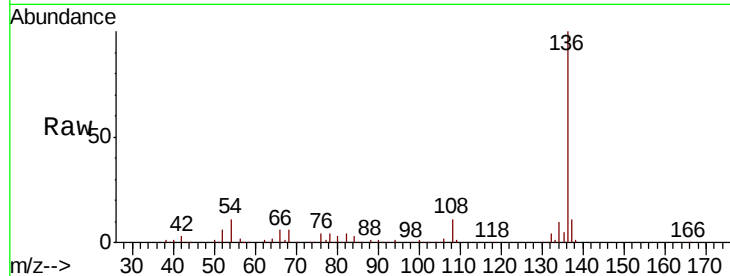
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 11.5 9.4 14.2

68 6.4 4.2 6.4#

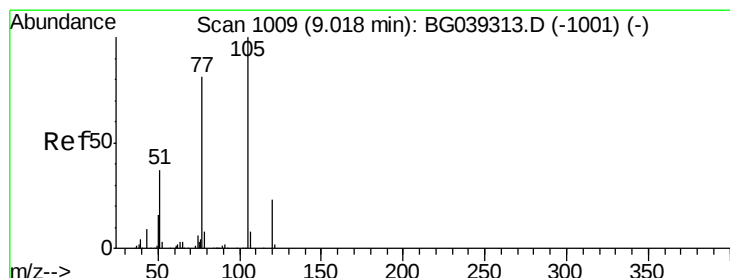
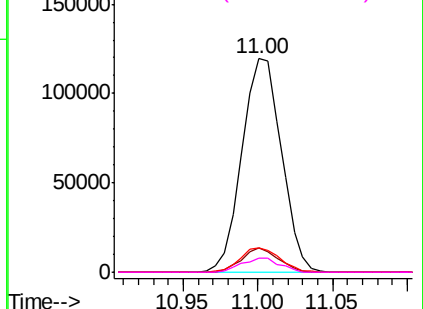


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.605 ng

RT: 9.01 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

Tgt Ion:105 Resp: 238855

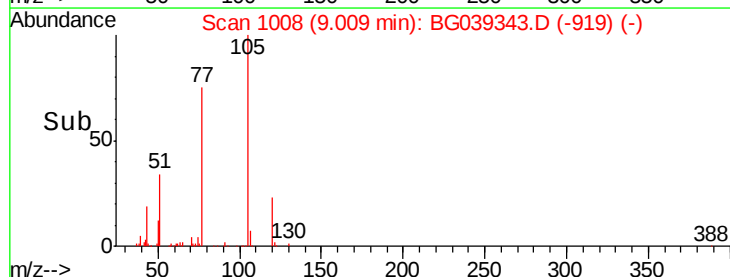
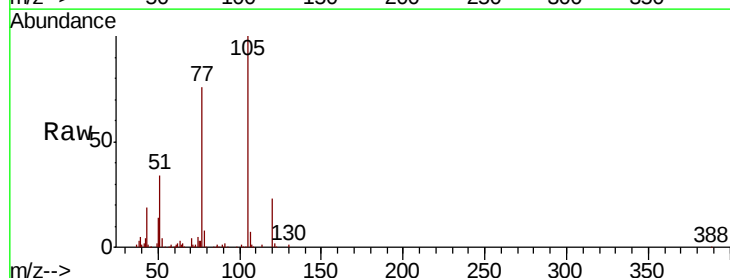
Ion Ratio Lower Upper

105 100

71 0.7 0.8 1.2#

51 34.1 30.2 45.2

120 23.3 18.0 27.0

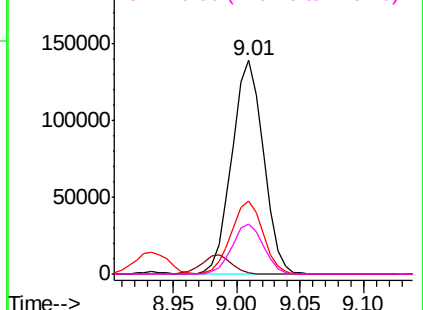


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

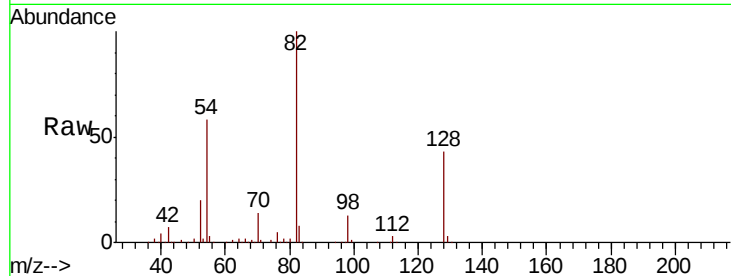




#23
Nitrobenzene-d5
Concen: 93.511 ng
RT: 9.36 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG039343.D
Acq: 1 Feb 2019 15:17

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion	82	Resp	327797
Ion Ratio	Lower	Upper	
82	100		
128	43.2	31.3	46.9
54	58.3	50.9	76.3

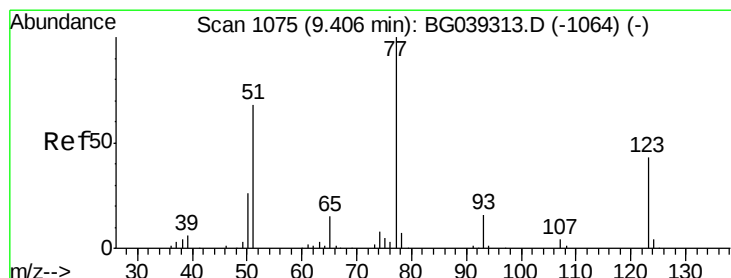
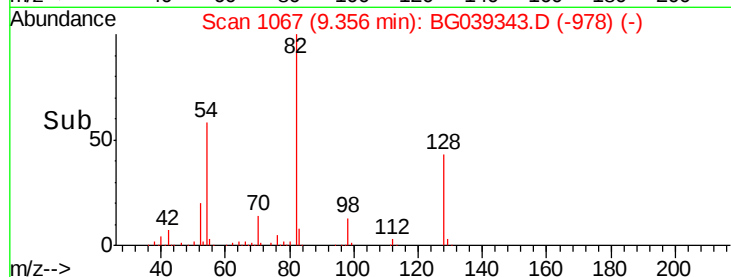
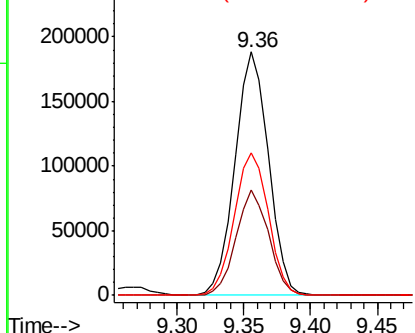


Abundance

Ion 82.00 (81.70 to 82.70): BGC

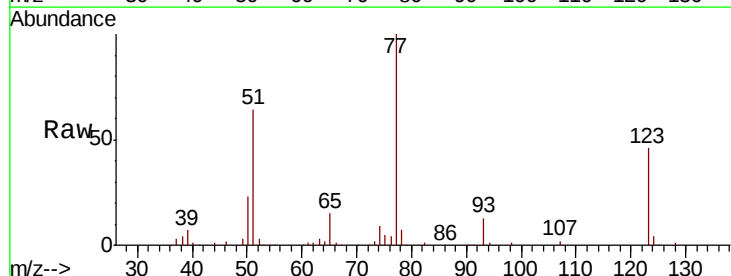
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
Nitrobenzene
Concen: 44.622 ng
RT: 9.40 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BG039343.D
Acq: 1 Feb 2019 15:17

Tgt Ion	77	Resp	168985
Ion Ratio	Lower	Upper	
77	100		
123	46.0	34.1	51.1
65	14.7	12.3	18.5

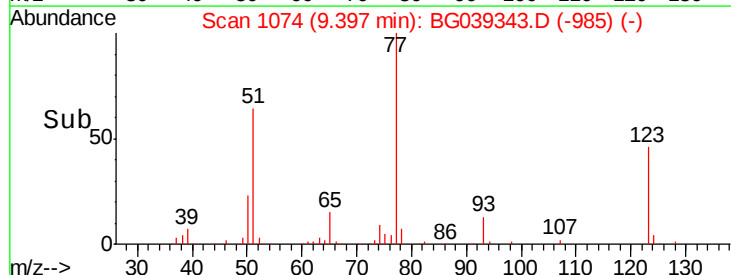
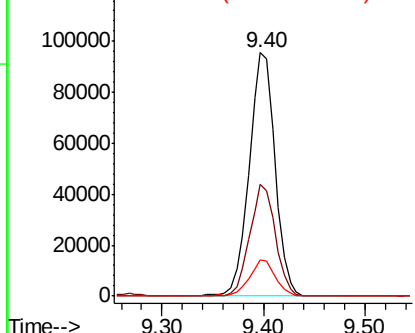


Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 39.178 ng

RT: 9.91 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

Instrument :

BNA_F

ClientSampleId :

DFTPP

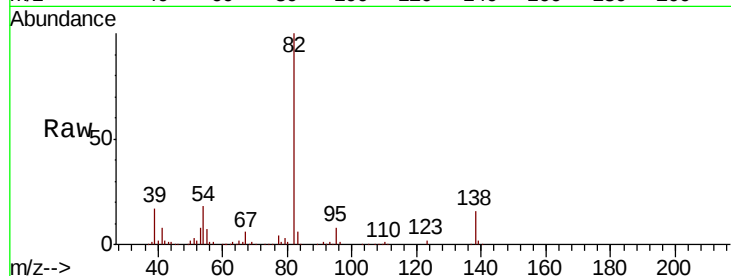
Tot Ion: 82 Resp: 304332

Ion Ratio Lower Upper

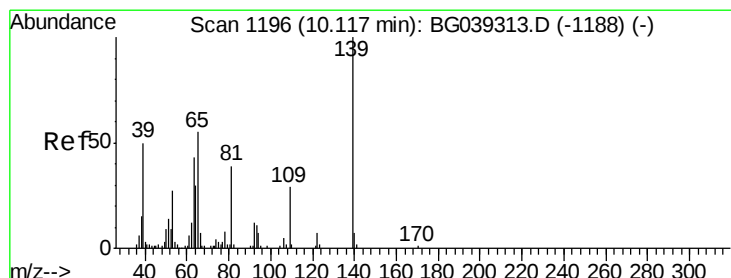
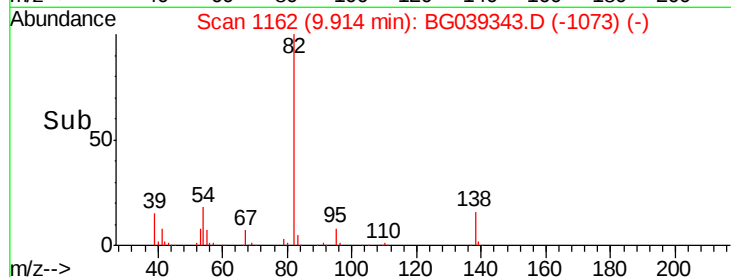
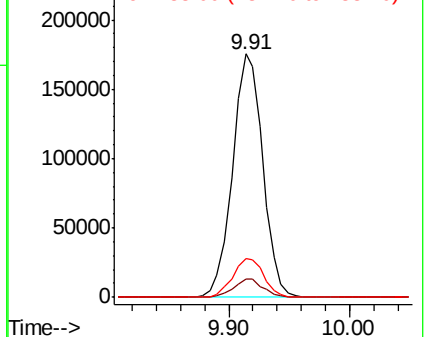
82 100

95 7.7 6.2 9.2

138 16.0 13.0 19.4



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: 48.848 ng

RT: 10.11 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

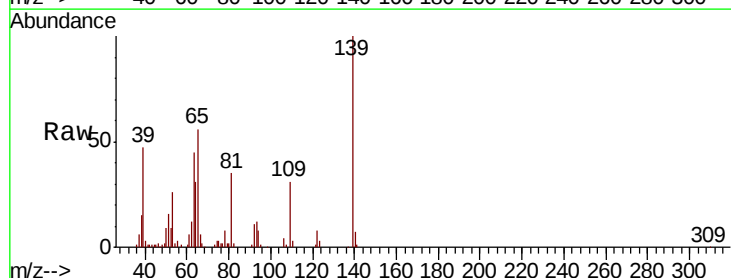
Tgt Ion: 139 Resp: 72781

Ion Ratio Lower Upper

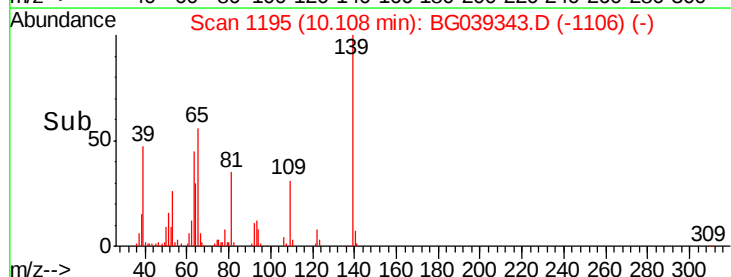
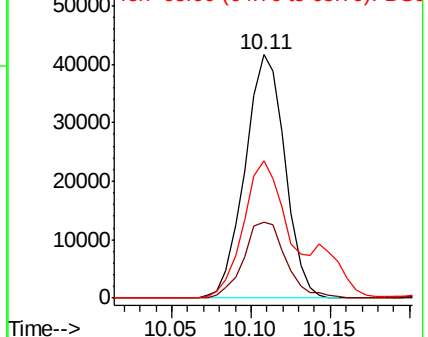
139 100

109 31.4 23.4 35.0

65 56.3 44.3 66.5



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





#27

2,4-Dimethylphenol

Concen: 41.145 ng

RT: 10.15 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

Instrument :

BNA_F

ClientSampled :

DFTPP

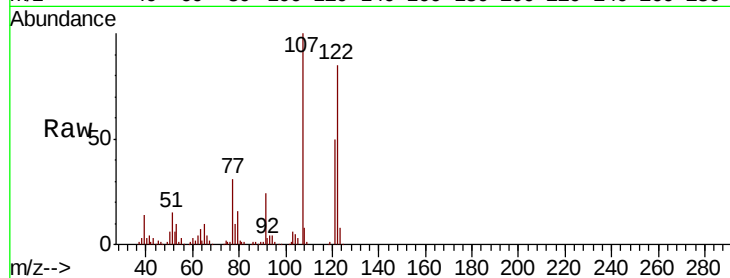
Tot Ion:122 Resp: 129293

Ion Ratio Lower Upper

122 100

107 118.2 91.7 137.5

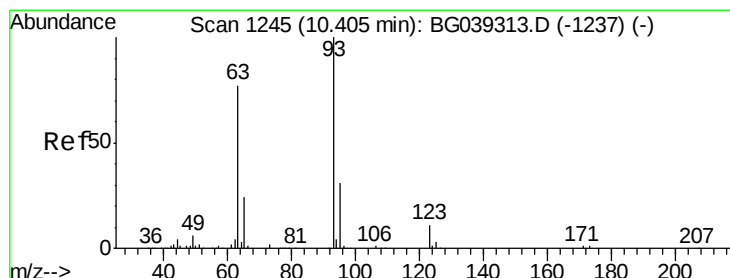
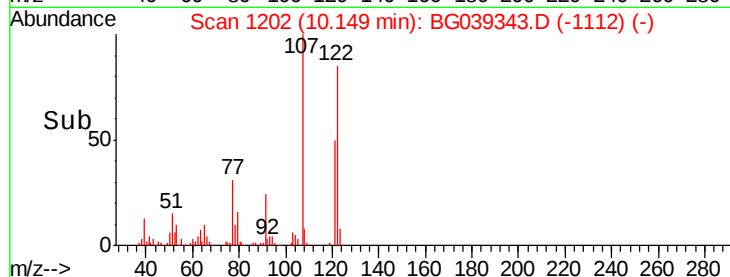
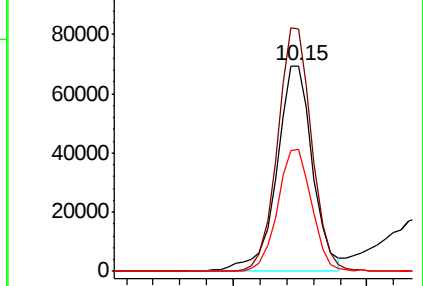
121 59.2 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.565 ng

RT: 10.40 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

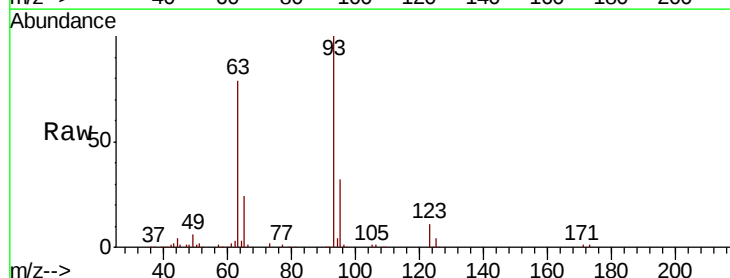
Tgt Ion: 93 Resp: 194089

Ion Ratio Lower Upper

93 100

95 31.8 25.0 37.4

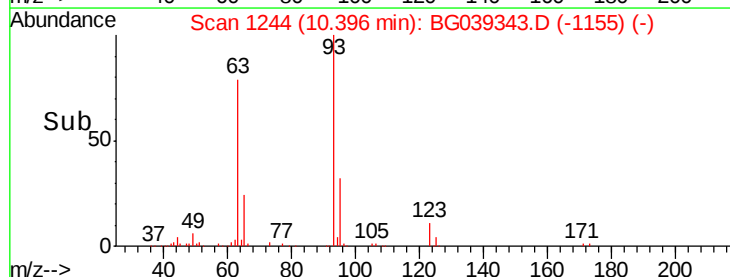
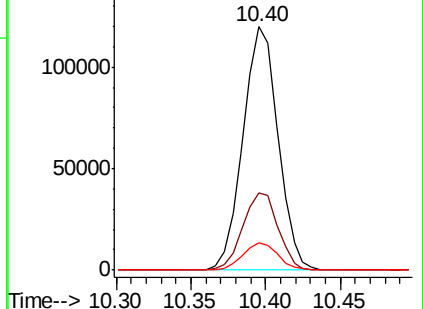
123 11.2 8.6 12.8

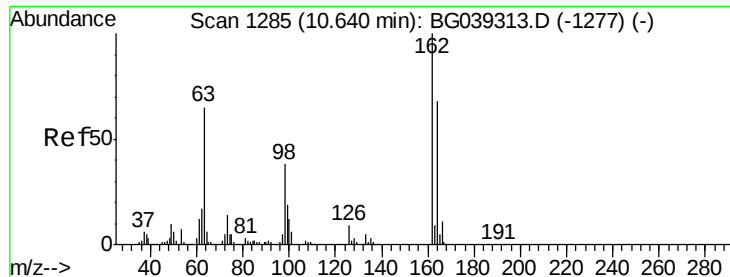


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.265 ng

RT: 10.64 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

Instrument :

BNA_F

ClientSampleId :

DFTPP

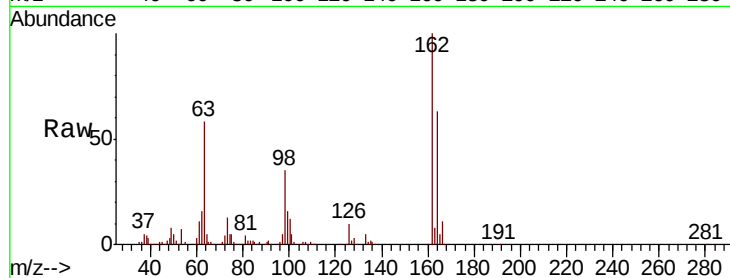
Tot Ion:162 Resp: 148587

Ion Ratio Lower Upper

162 100

164 62.9 48.1 88.1

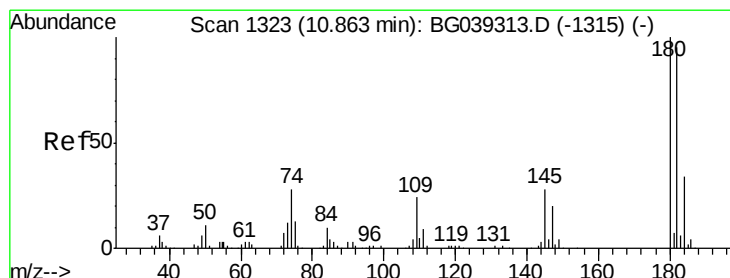
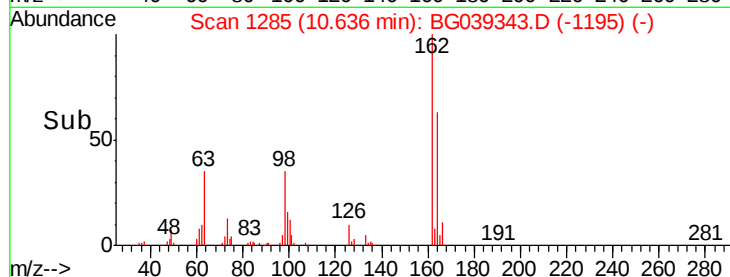
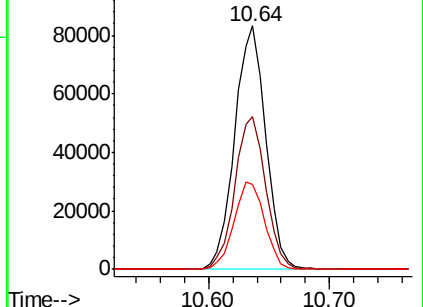
98 34.9 18.1 58.1



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: 42.449 ng

RT: 10.85 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

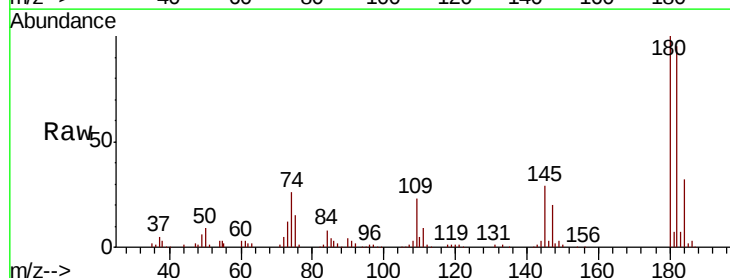
Tgt Ion:180 Resp: 163675

Ion Ratio Lower Upper

180 100

182 95.3 76.0 114.0

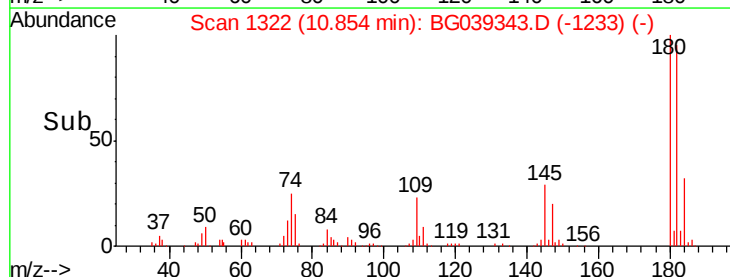
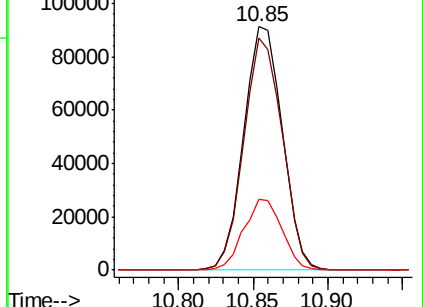
145 29.1 22.7 34.1



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

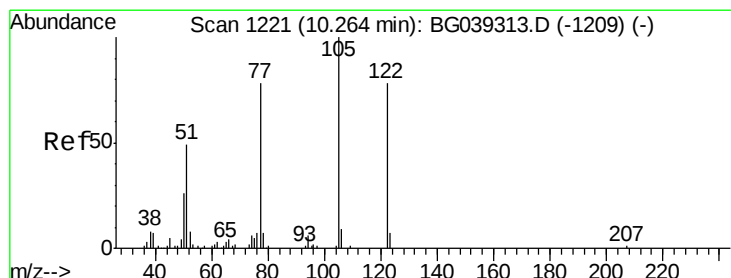
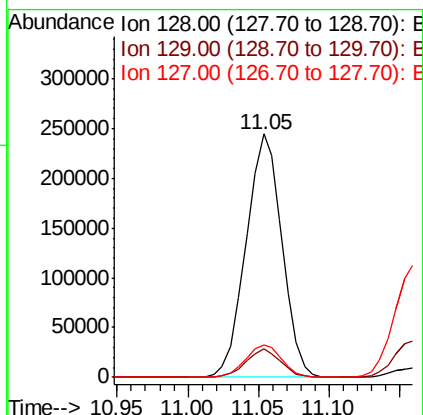
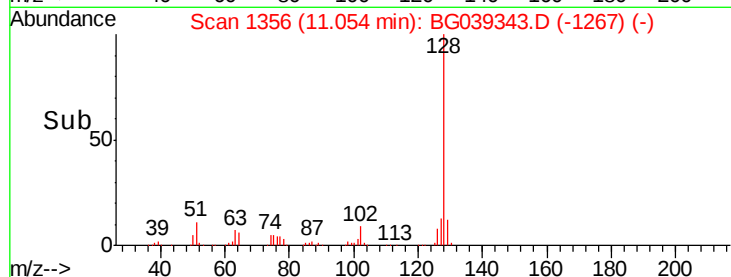
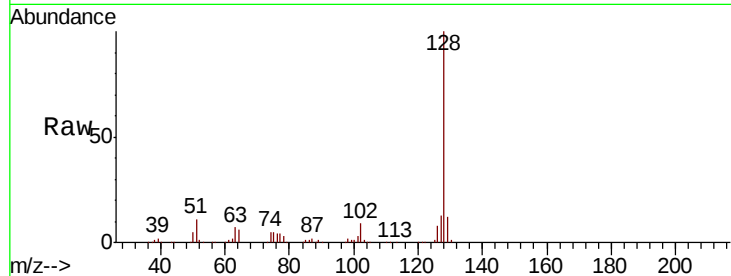




#31
Naphthalene
Concen: 40.033 ng
RT: 11.05 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BG039343.D
Acq: 1 Feb 2019 15:17

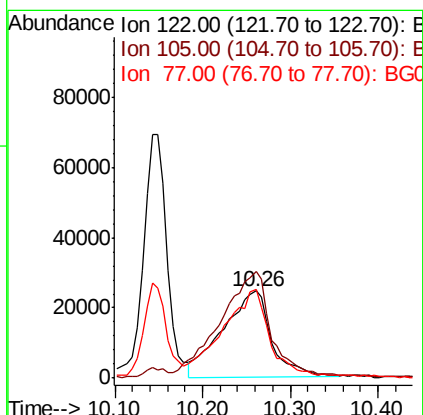
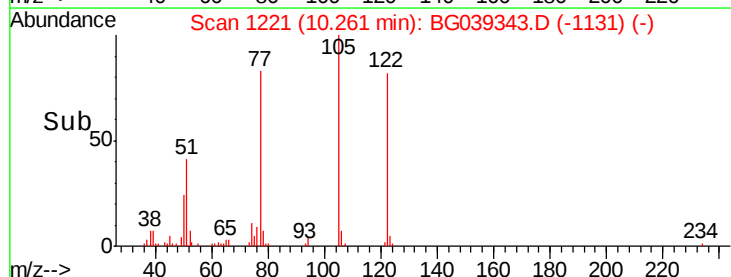
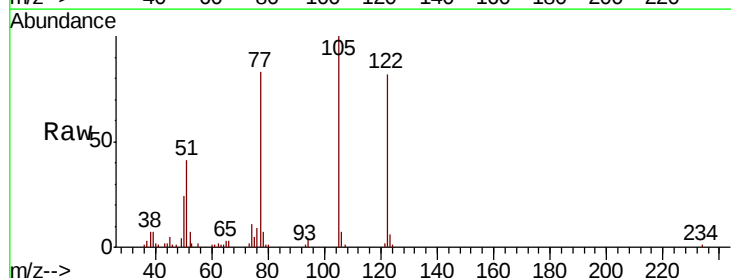
Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion:128 Resp: 434919
Ion Ratio Lower Upper
128 100
129 11.6 8.7 13.1
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 45.620 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG039343.D
Acq: 1 Feb 2019 15:17

Tgt Ion:122 Resp: 92739
Ion Ratio Lower Upper
122 100
105 122.5 101.8 141.8
77 102.0 76.3 116.3

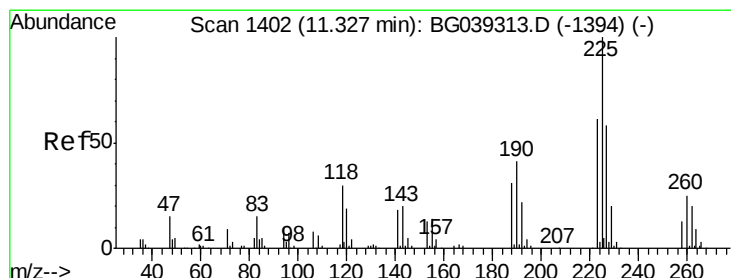
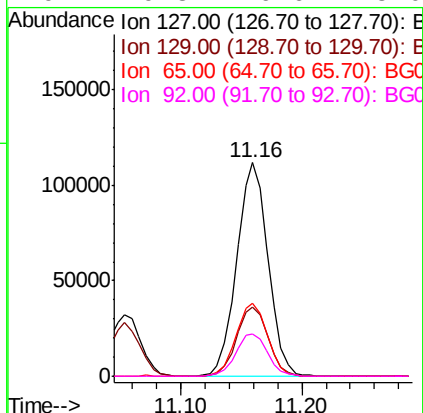
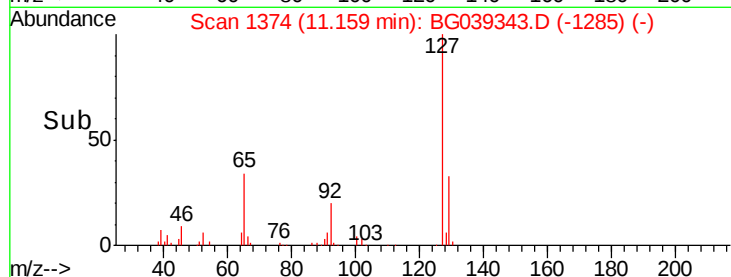
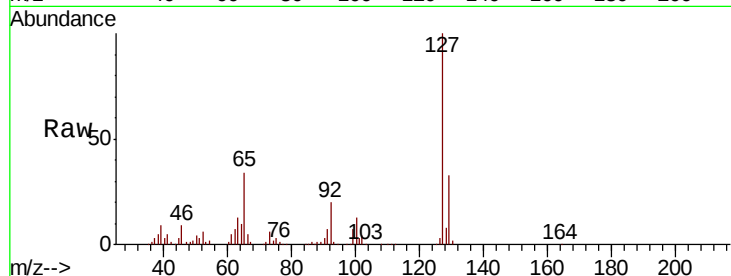




#33
4-Chloroaniline
Concen: 39.966 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG039343.D
Acq: 1 Feb 2019 15:17

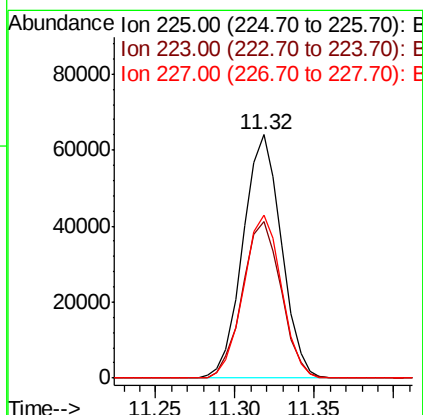
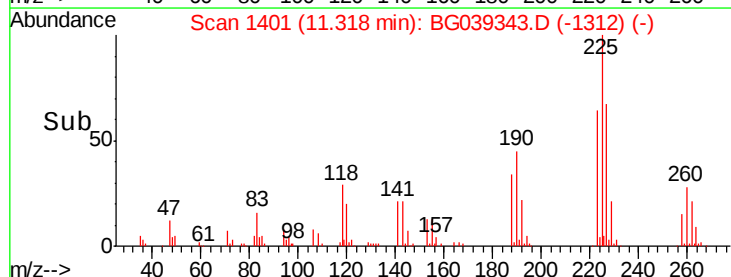
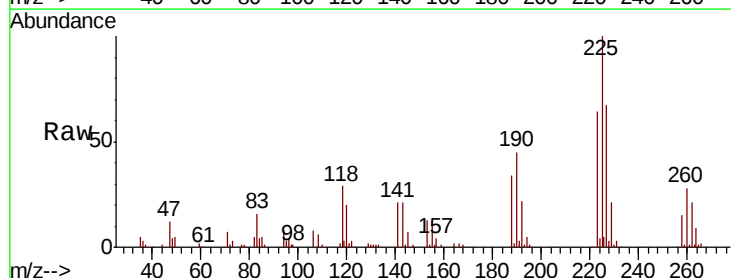
Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion:127	Resp:	201321
Ion Ratio	Lower	Upper
127	100	
129	32.7	27.0 40.4
65	34.5	28.8 43.2
92	19.8	16.6 25.0



#34
Hexachlorobutadiene
Concen: 42.058 ng
RT: 11.32 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BG039343.D
Acq: 1 Feb 2019 15:17

Tgt Ion:225	Resp:	107846
Ion Ratio	Lower	Upper
225	100	
223	64.5	49.0 73.6
227	67.1	46.3 69.5

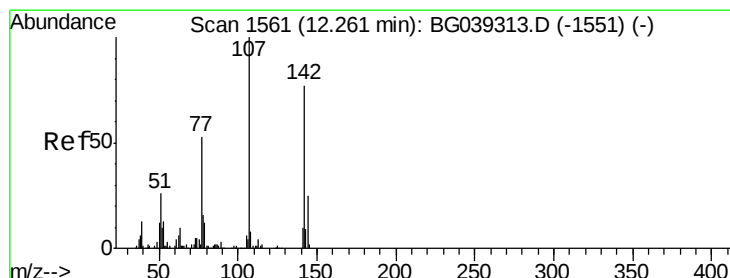
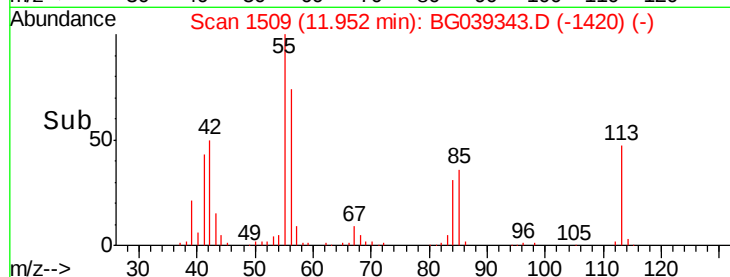
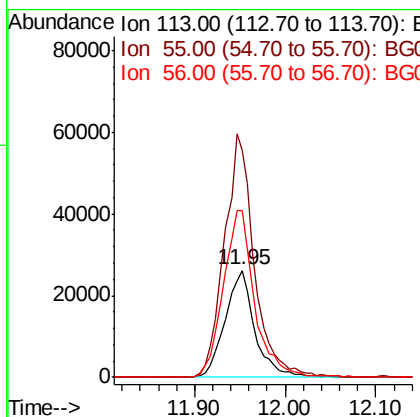
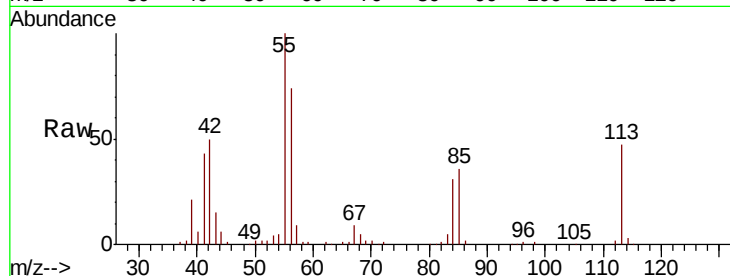




#35
 Caprolactam
 Concen: 41.825 ng
 RT: 11.95 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: BG039343.D
 Acq: 1 Feb 2019 15:17

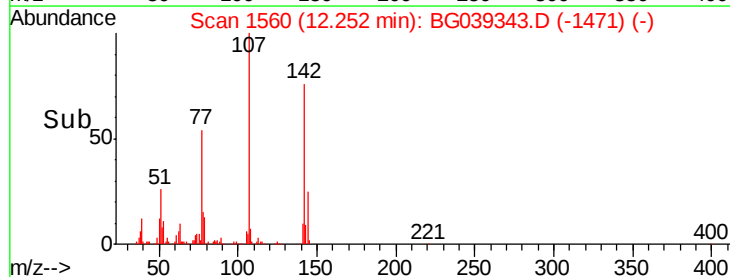
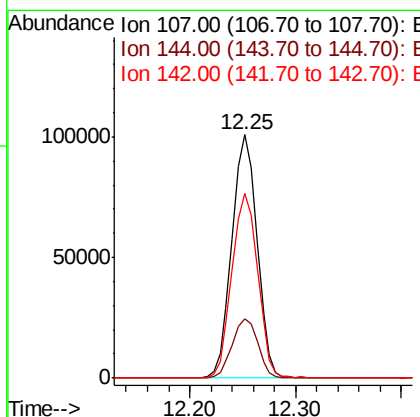
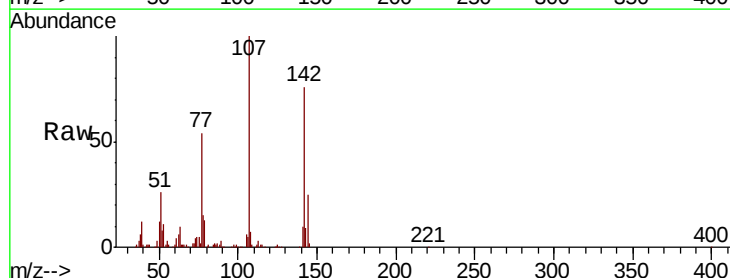
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tot Ion:113 Resp: 59441
 Ion Ratio Lower Upper
 113 100
 55 212.5 216.9 256.9#
 56 156.3 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 42.012 ng
 RT: 12.25 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BG039343.D
 Acq: 1 Feb 2019 15:17

Tgt Ion:107 Resp: 166864
 Ion Ratio Lower Upper
 107 100
 144 24.5 20.2 30.2
 142 75.8 61.4 92.2

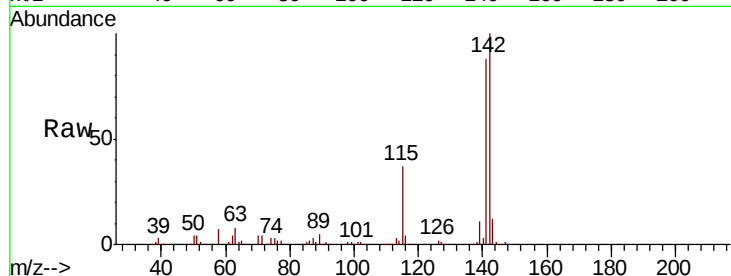




#37
2-Methylnaphthalene
Concen: 39.765 ng
RT: 12.65 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BG039343.D
Acq: 1 Feb 2019 15:17

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	73.5	110.3
115	36.9	30.8	46.2

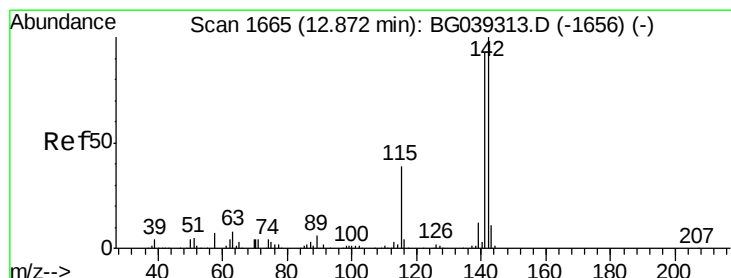
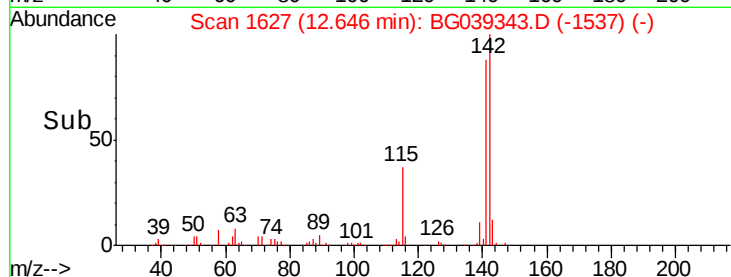
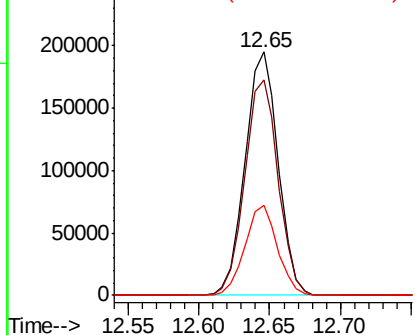


Abundance

Ion 142.00 (141.70 to 142.70): E

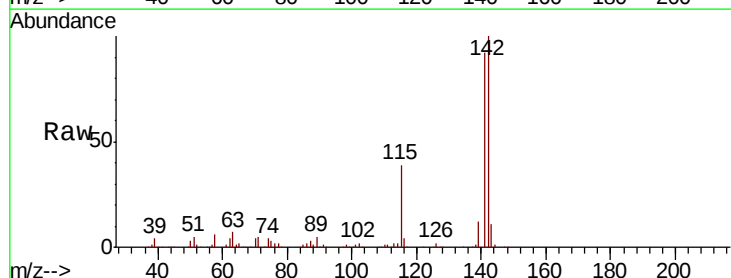
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 39.955 ng
RT: 12.86 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BG039343.D
Acq: 1 Feb 2019 15:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.2	111.4
116	3.7	3.0	4.6

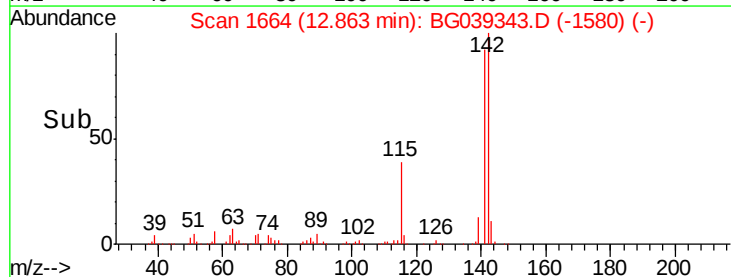
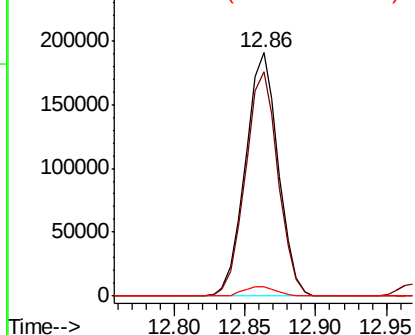


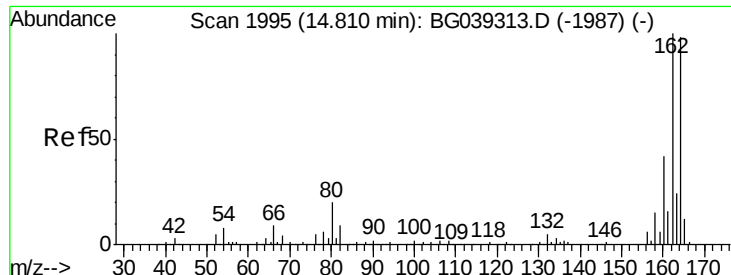
Abundance

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: 14.80 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

Instrument :

BNA_F

ClientSampleId :

DFTPP

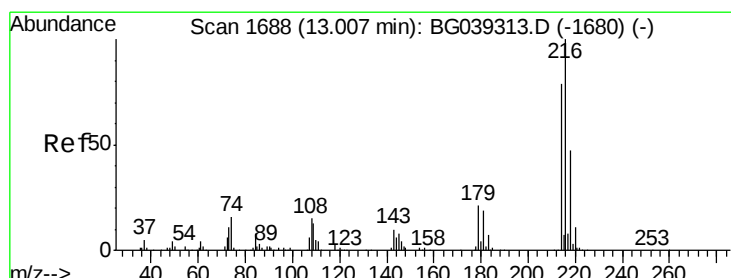
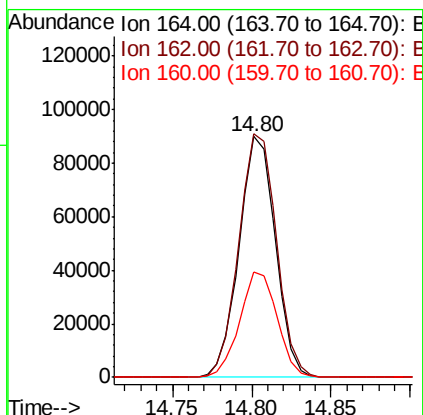
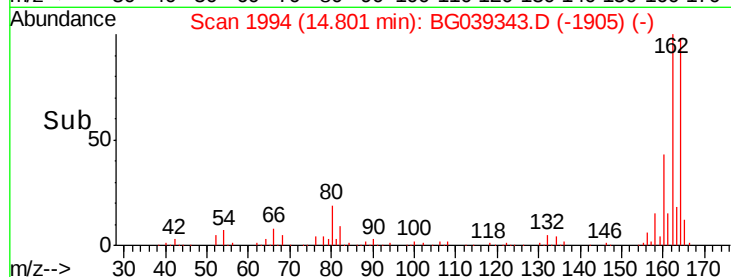
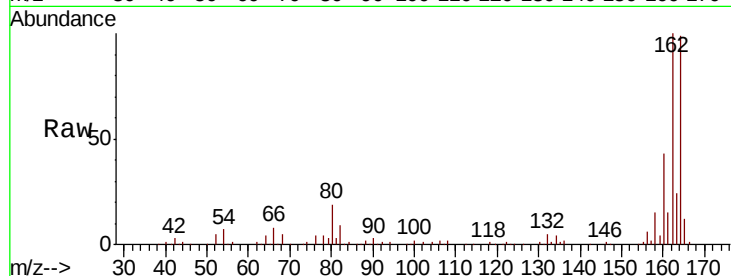
Tot Ion:164 Resp: 143138

Ion Ratio Lower Upper

164 100

162 101.1 81.6 122.4

160 43.8 34.2 51.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.859 ng

RT: 13.00 min Scan# 1687

Delta R.T. -0.01 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

Tgt Ion:216 Resp: 190634

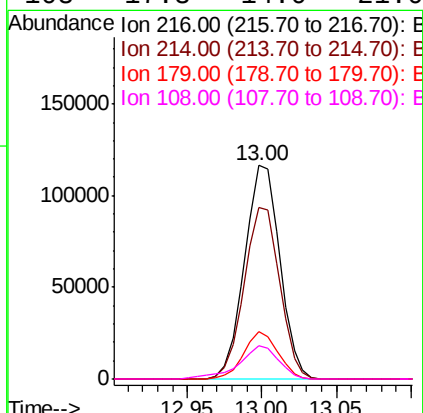
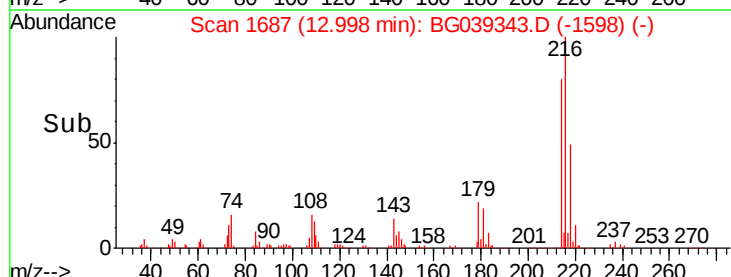
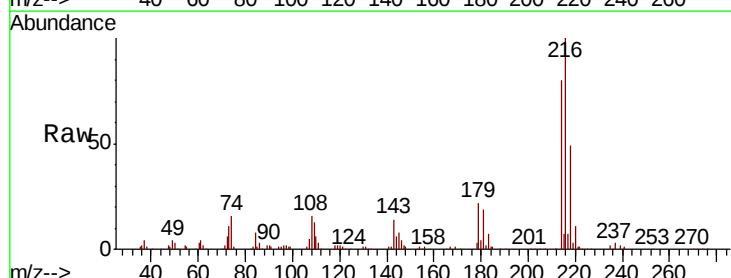
Ion Ratio Lower Upper

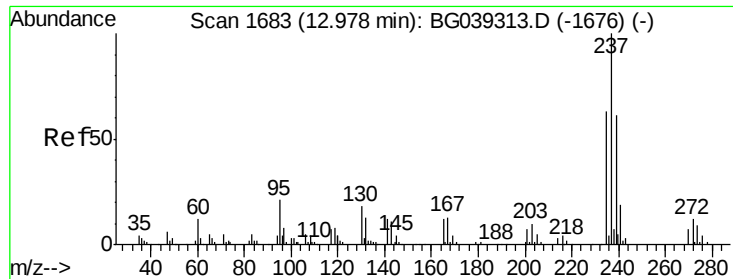
216 100

214 80.5 62.6 94.0

179 21.2 16.6 25.0

108 17.3 14.0 21.0





#41

Hexachlorocyclopentadiene

Concen: 54.267 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.01 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

Instrument :

BNA_F

ClientSampleId :

DFTPP

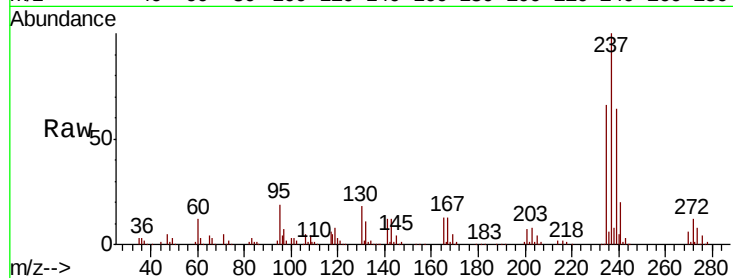
Tot Ion:237 Resp: 134673

Ion Ratio Lower Upper

237 100

235 66.2 43.3 83.3

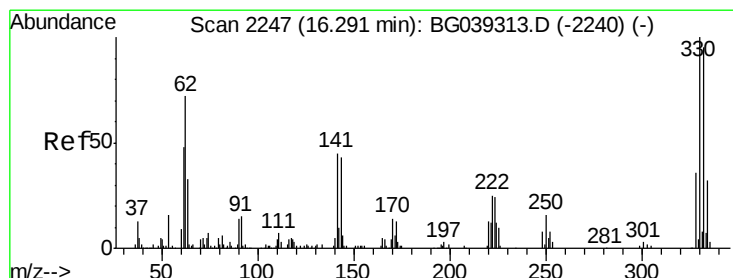
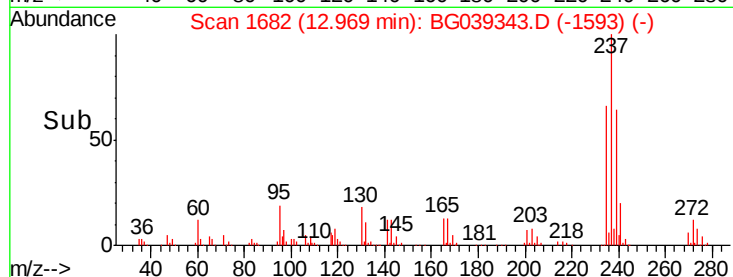
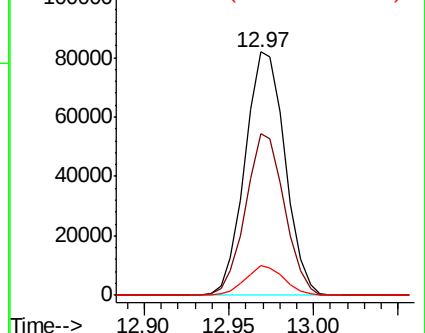
272 12.0 0.0 32.3



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: 88.125 ng

RT: 16.29 min Scan# 2247

Delta R.T. -0.00 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

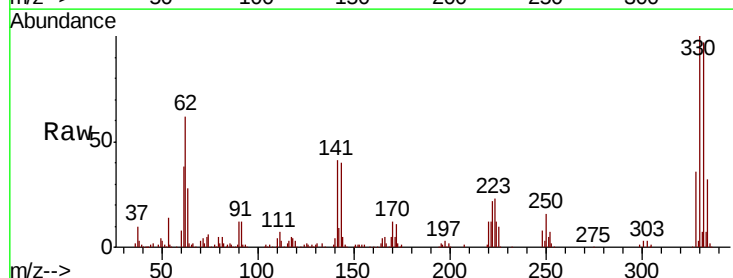
Tgt Ion:330 Resp: 135832

Ion Ratio Lower Upper

330 100

332 95.4 75.7 113.5

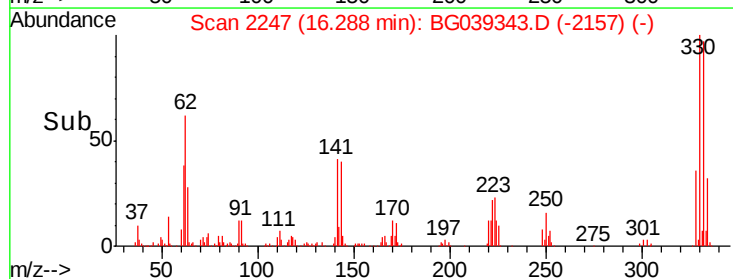
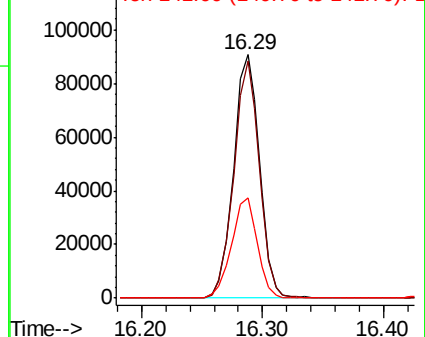
141 40.8 35.6 53.4

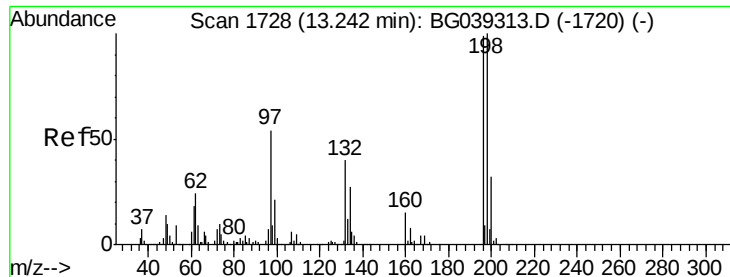


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 44.184 ng

RT: 13.23 min Scan# 1727

Delta R.T. -0.01 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

Instrument :

BNA_F

ClientSampleId :

DFTPP

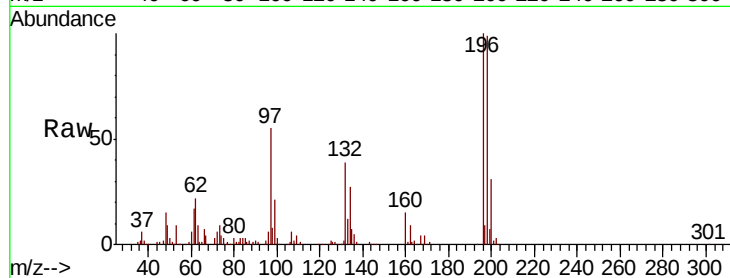
Tot Ion:196 Resp: 123723

Ion Ratio Lower Upper

196 100

198 98.6 80.6 121.0

200 31.1 26.1 39.1

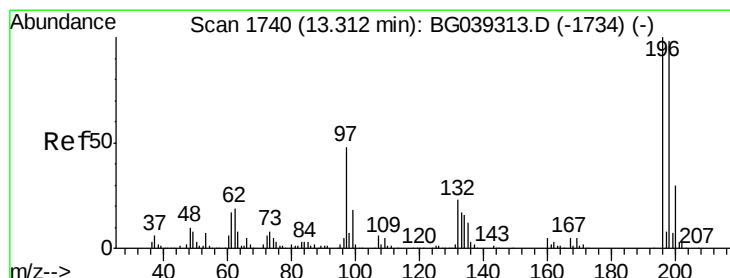
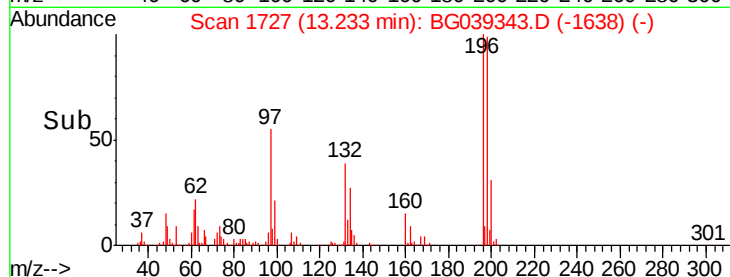
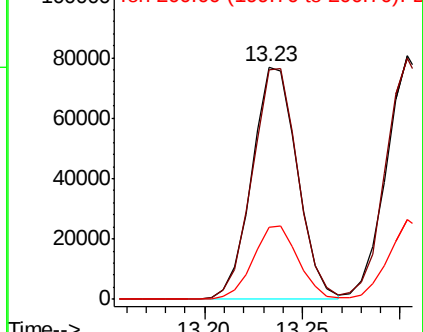


Abundance

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: 44.743 ng

RT: 13.30 min Scan# 1739

Delta R.T. -0.01 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

Tgt Ion:196 Resp: 131312

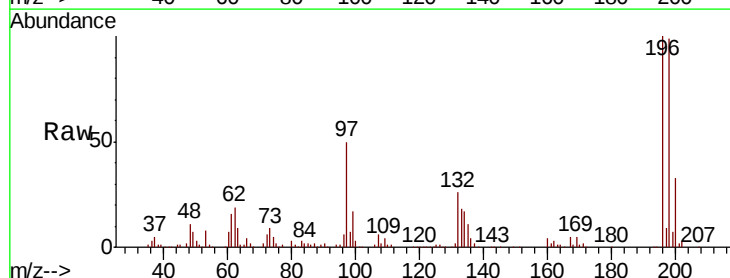
Ion Ratio Lower Upper

196 100

198 98.9 78.5 117.7

97 49.7 38.4 57.6

132 25.8 19.2 28.8



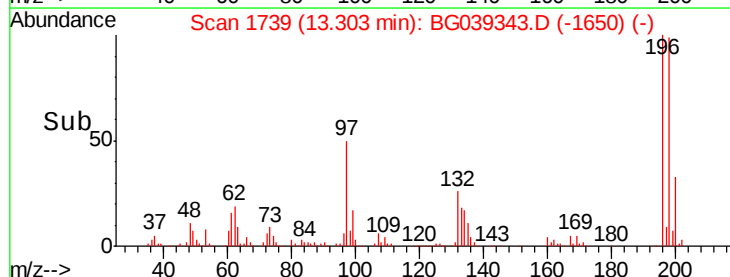
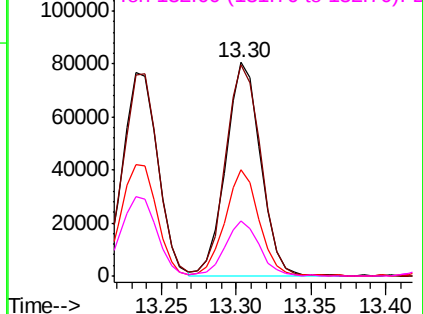
Abundance

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

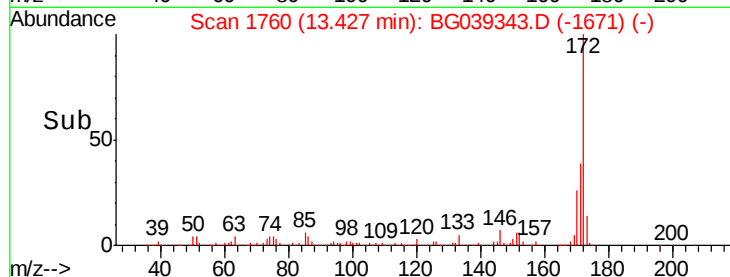
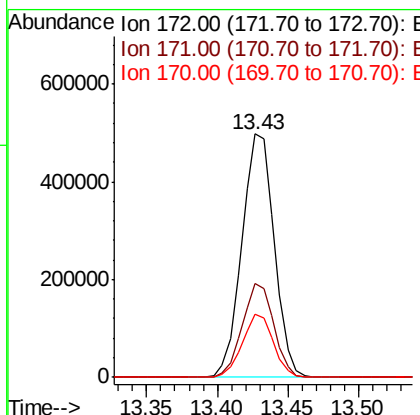
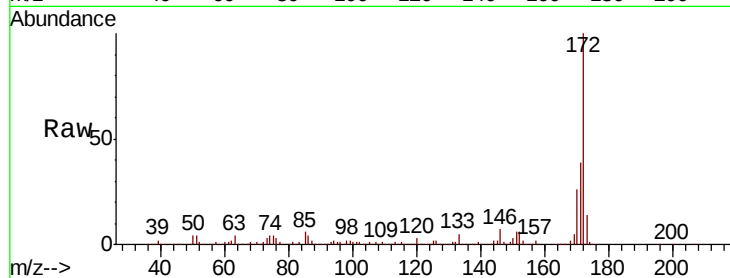




#45
 2-Fluorobiphenyl
 Concen: 80.031 ng
 RT: 13.43 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BG039343.D
 Acq: 1 Feb 2019 15:17

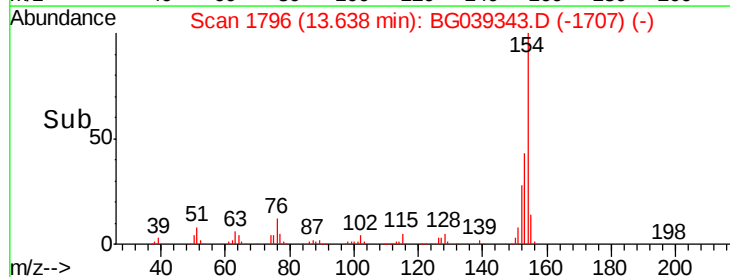
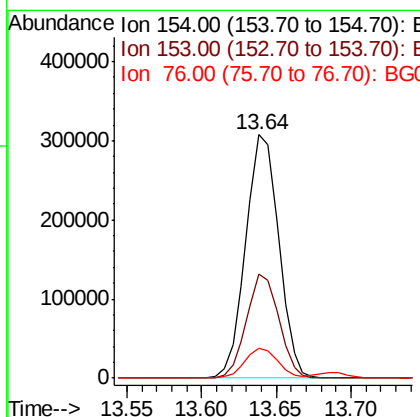
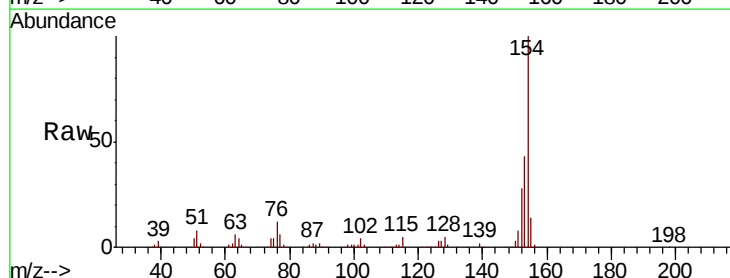
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

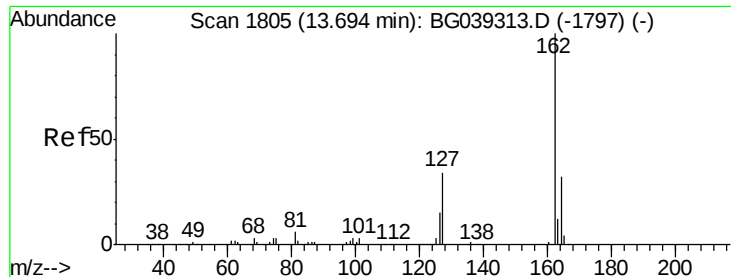
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.8	46.2
170	25.9	20.2	30.4



#46
 1,1'-Biphenyl
 Concen: 39.553 ng
 RT: 13.64 min Scan# 1796
 Delta R.T. -0.01 min
 Lab File: BG039343.D
 Acq: 1 Feb 2019 15:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.9	22.1	62.1
76	12.2	0.0	32.4

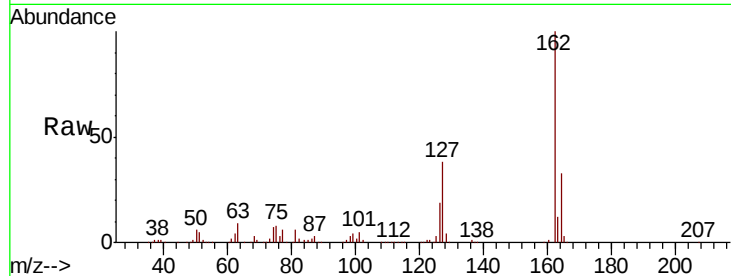




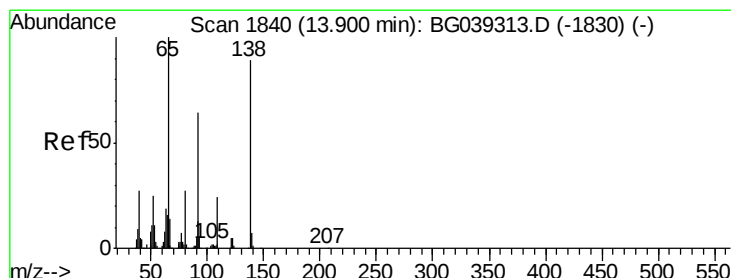
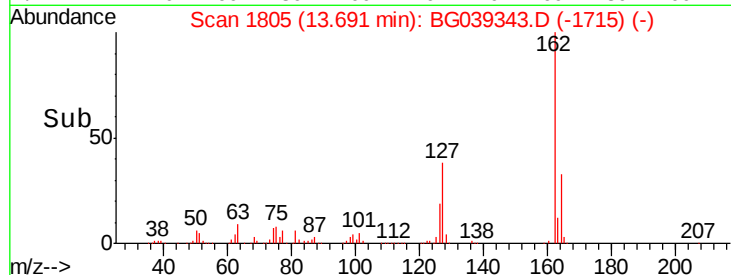
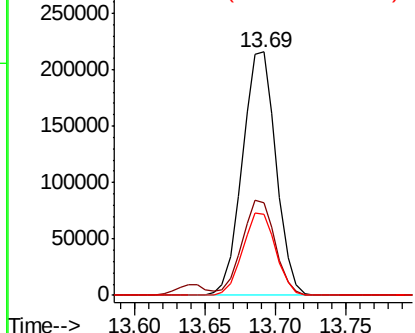
#47
2-Chloronaphthalene
Concen: 40.070 ng
RT: 13.69 min Scan# 1805
Delta R.T. -0.00 min
Lab File: BG039343.D
Acq: 1 Feb 2019 15:17

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion:162 Resp: 358994
Ion Ratio Lower Upper
162 100
127 38.0 31.0 46.6
164 33.2 25.7 38.5

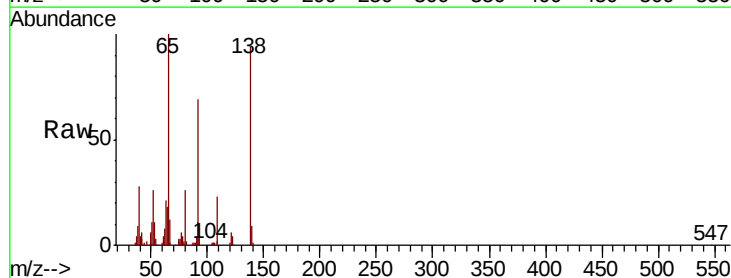


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

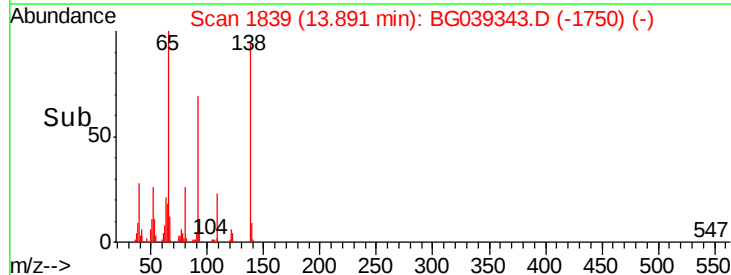
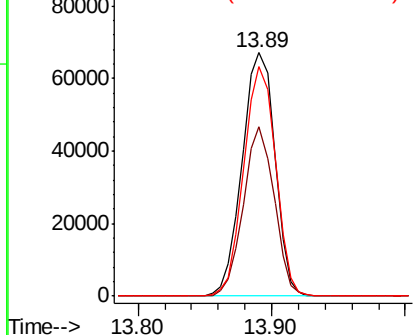


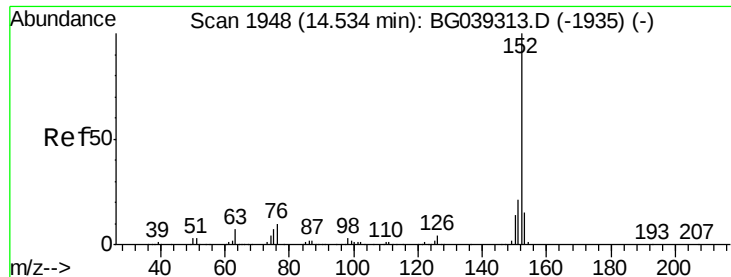
#48
2-Nitroaniline
Concen: 44.931 ng
RT: 13.89 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BG039343.D
Acq: 1 Feb 2019 15:17

Tgt Ion: 65 Resp: 113985
Ion Ratio Lower Upper
65 100
92 69.5 51.4 77.2
138 94.3 71.4 107.2



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





#49

Acenaphthylene

Concen: 39.944 ng

RT: 14.53 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

Instrument :

BNA_F

ClientSampleId :

DFTPP

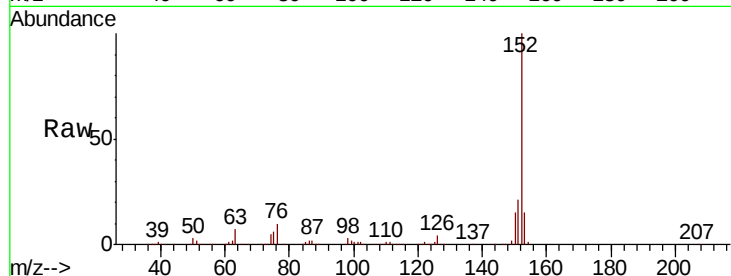
Tot Ion:152 Resp: 539994

Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

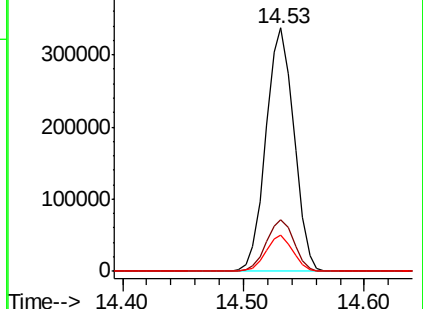
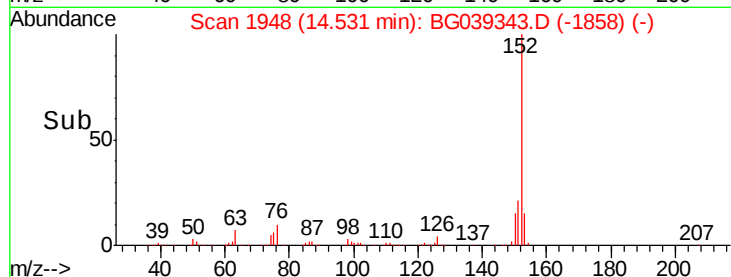
153 14.7 11.7 17.5



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: 39.400 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

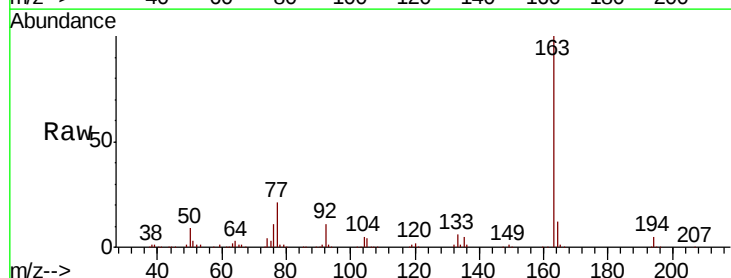
Tgt Ion:163 Resp: 455477

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

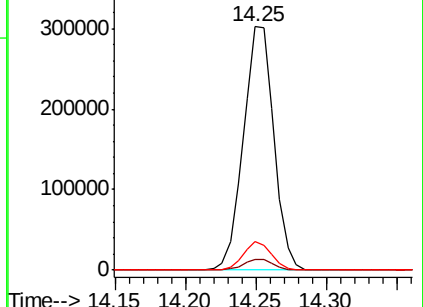
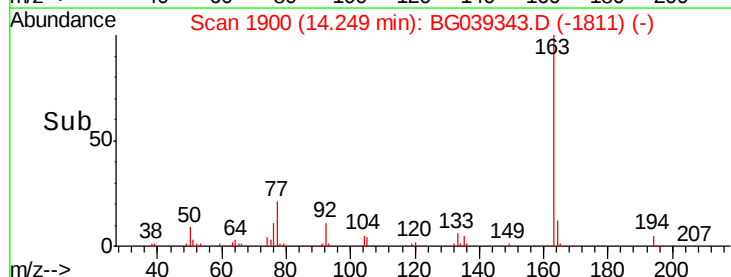
164 11.6 8.4 12.6



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: 46.169 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

Instrument :

BNA_F

ClientSampleId :

DFTPP

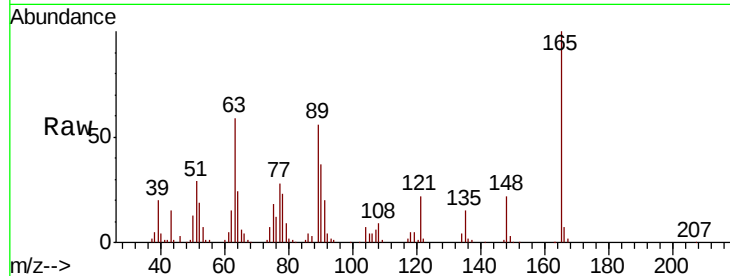
Tot Ion:165 Resp: 99127

Ion Ratio Lower Upper

165 100

63 58.7 47.0 70.6

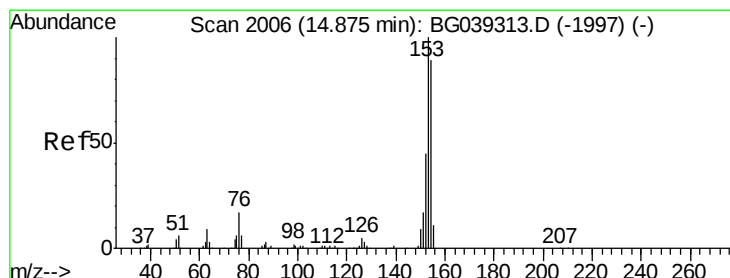
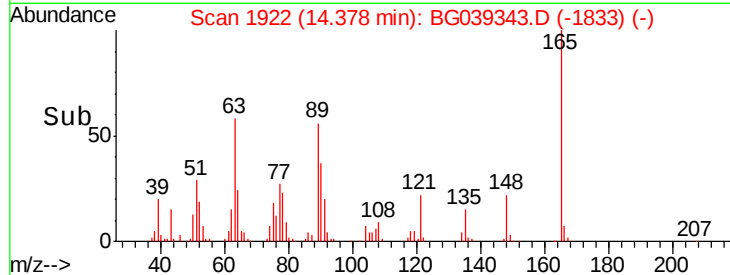
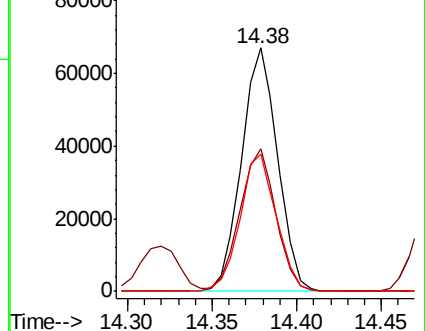
89 56.2 45.8 68.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 39.320 ng

RT: 14.87 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

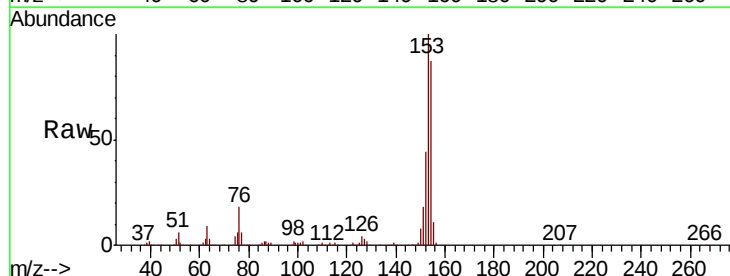
Tgt Ion:154 Resp: 345046

Ion Ratio Lower Upper

154 100

153 115.0 90.1 135.1

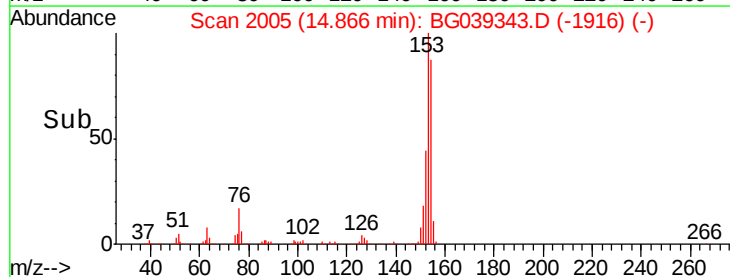
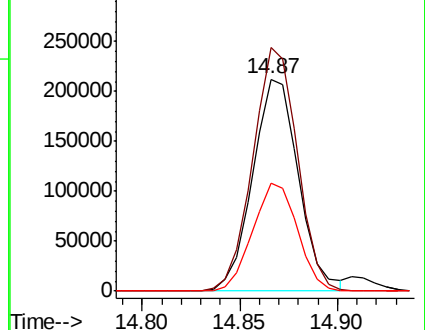
152 50.7 40.9 61.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

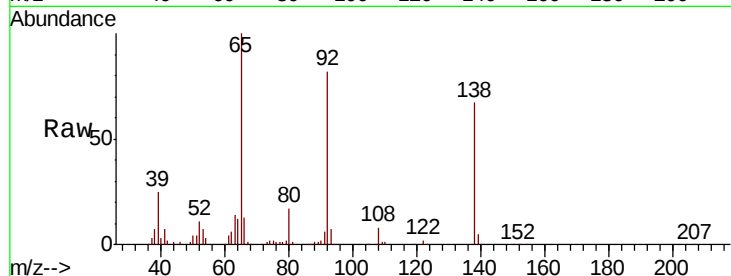




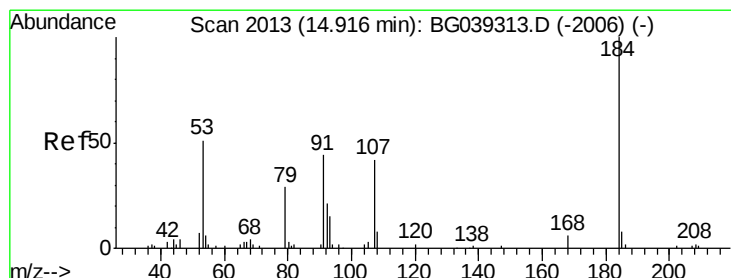
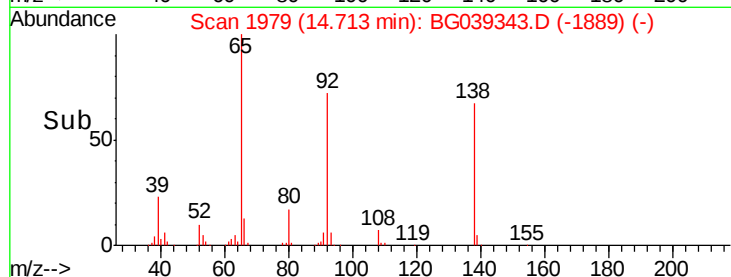
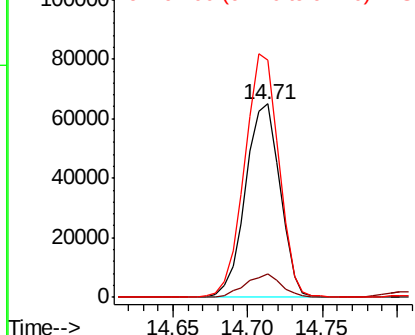
#53
3-Nitroaniline
Concen: 45.028 ng
RT: 14.71 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG039343.D
Acq: 1 Feb 2019 15:17

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion:138 Resp: 104023
Ion Ratio Lower Upper
138 100
108 11.8 13.8 20.8#
92 122.8 103.7 155.5

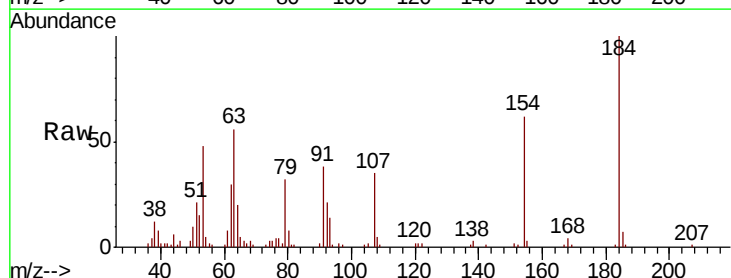


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BG

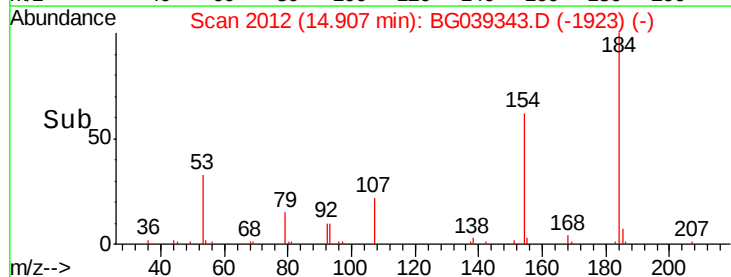
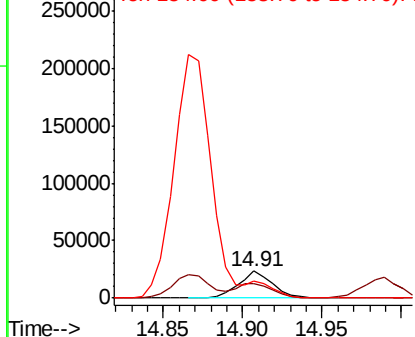


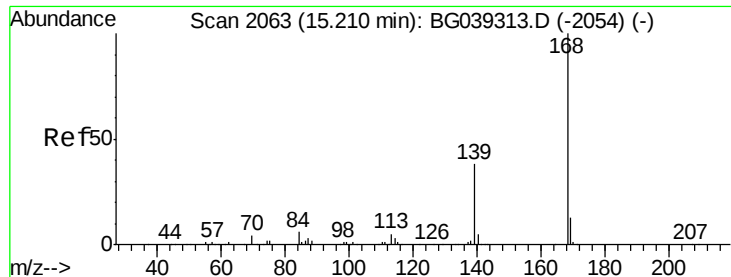
#54
2,4-Dinitrophenol
Concen: 46.106 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG039343.D
Acq: 1 Feb 2019 15:17

Tgt Ion:184 Resp: 34734
Ion Ratio Lower Upper
184 100
63 56.1 50.9 76.3
154 62.4 53.0 79.6



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

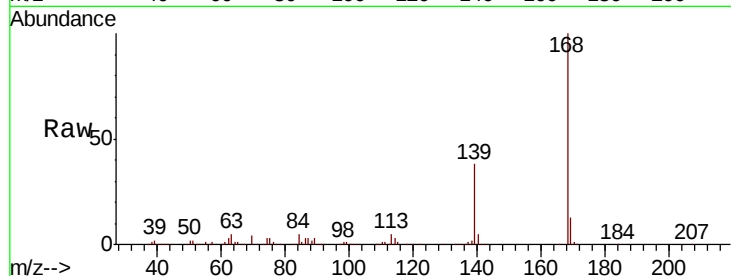




#55
Dibenzofuran
Concen: 40.038 ng
RT: 15.20 min Scan# 2062
Delta R.T. -0.01 min
Lab File: BG039343.D
Acq: 1 Feb 2019 15:17

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.1	45.1
169	13.1	10.6	16.0

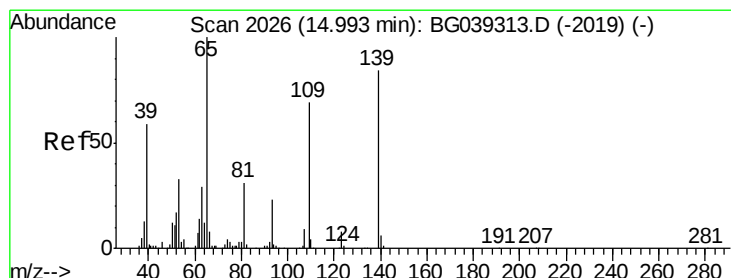
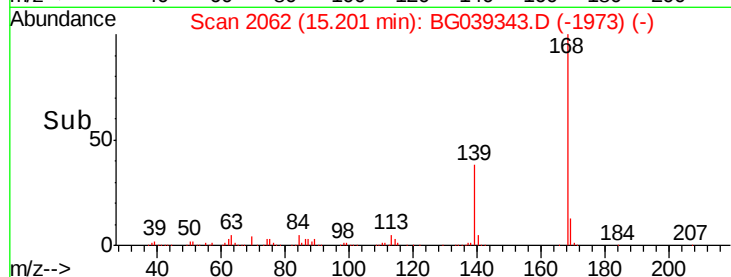
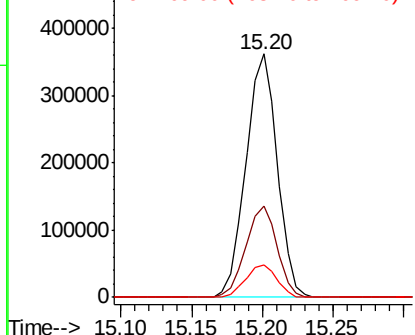


Abundance

Ion 168.00 (167.70 to 168.70): E

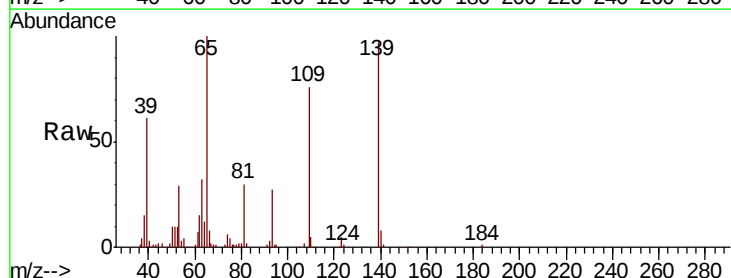
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 44.251 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG039343.D
Acq: 1 Feb 2019 15:17

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.3	61.9	101.9
65	103.2	99.1	139.1

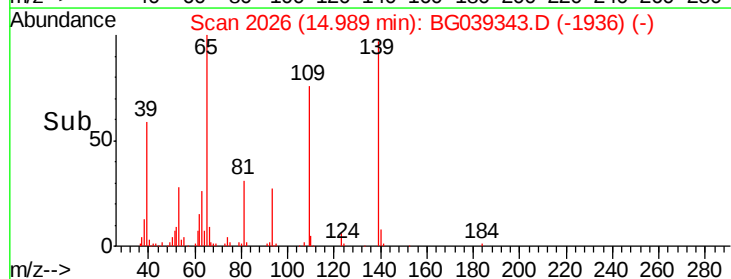
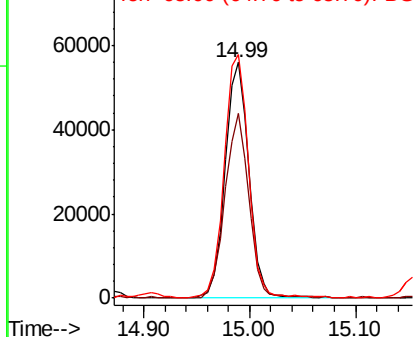


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

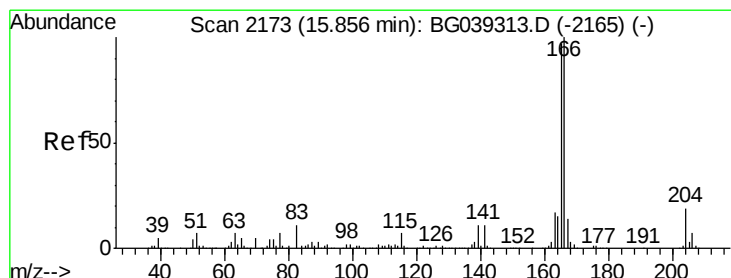
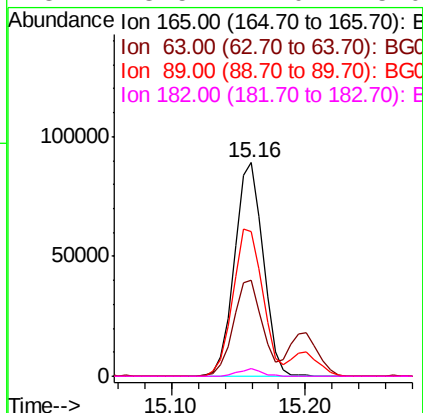
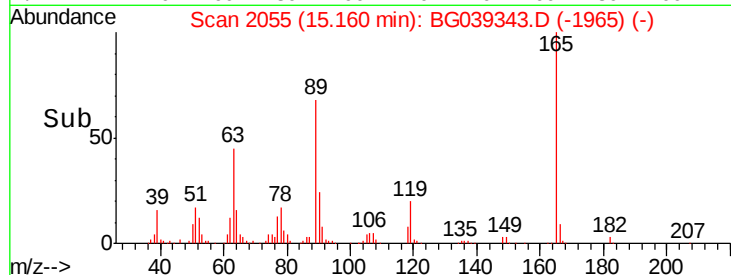
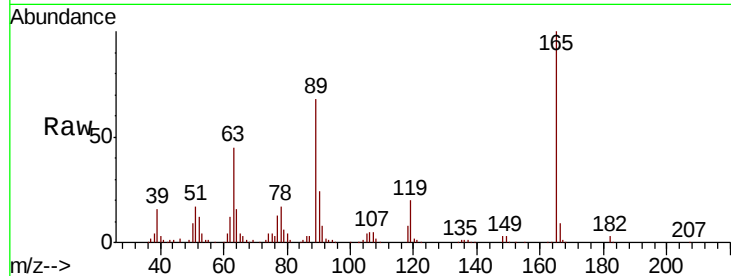




#57
 2,4-Dinitrotoluene
 Concen: 47.871 ng
 RT: 15.16 min Scan# 2055
 Delta R.T. -0.00 min
 Lab File: BG039343.D
 Acq: 1 Feb 2019 15:17

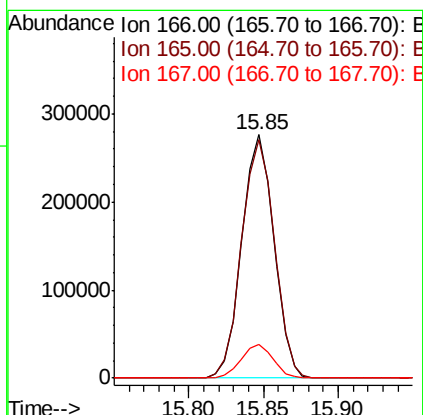
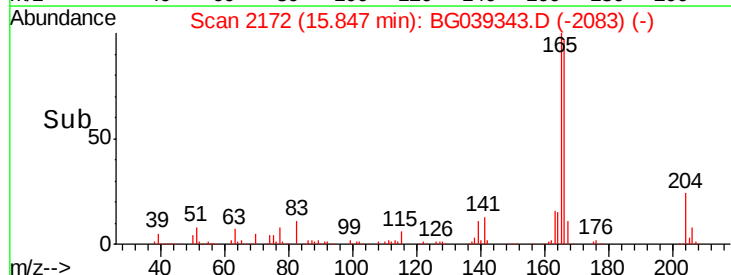
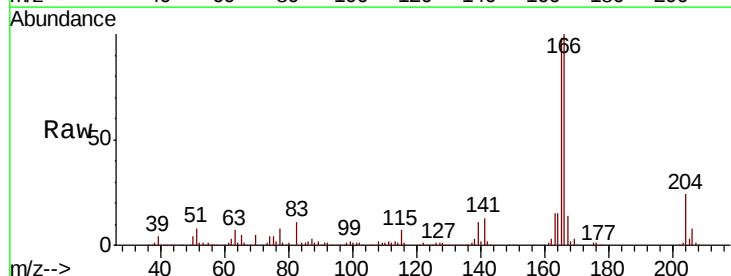
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tot Ion:	165	Resp:	132418
Ion	Ratio	Lower	Upper
165	100		
63	44.7	41.0	61.6
89	68.0	64.6	96.8
182	3.5	2.0	3.0#



#58
 Fluorene
 Concen: 39.367 ng
 RT: 15.85 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BG039343.D
 Acq: 1 Feb 2019 15:17

Tgt Ion:	166	Resp:	412894
Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.9	116.9
167	13.6	10.8	16.2

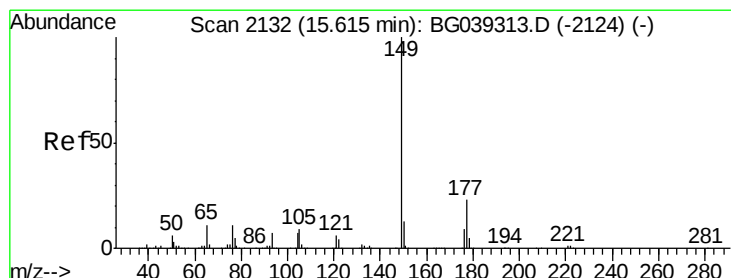
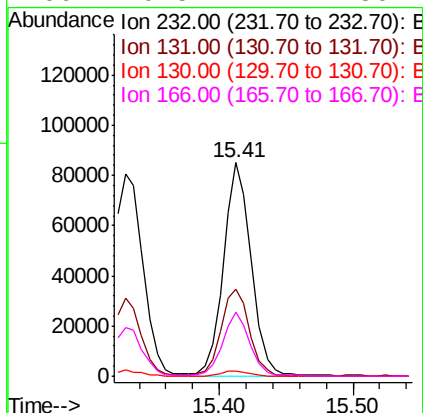
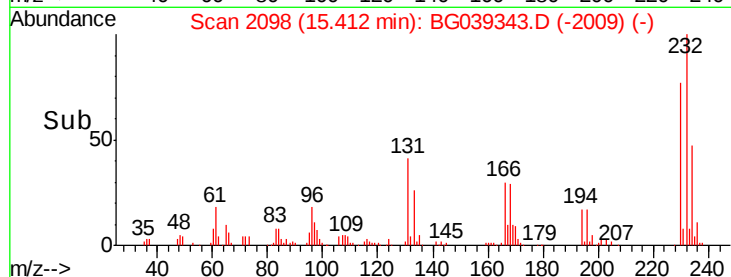
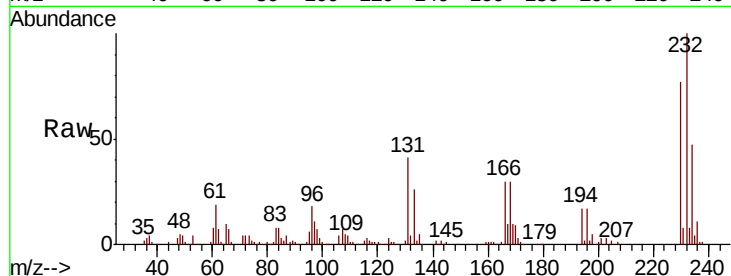




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.788 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG039343.D
 Acq: 1 Feb 2019 15:17

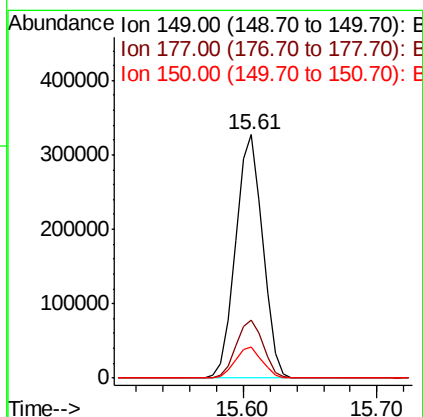
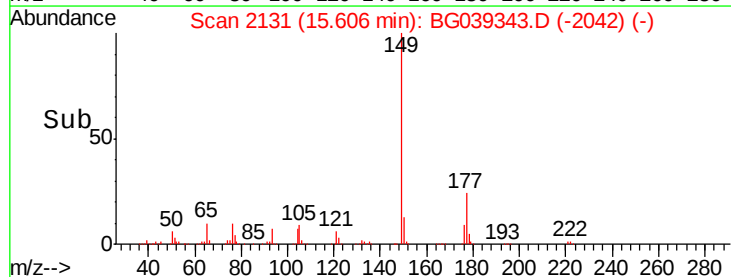
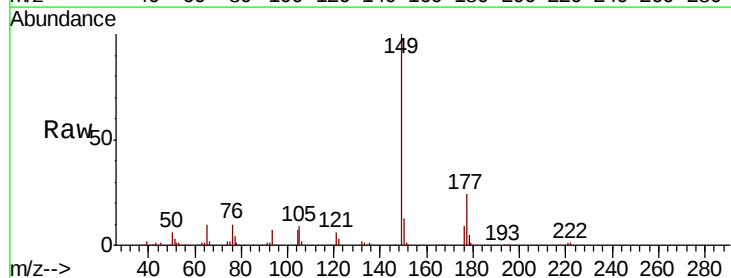
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.8	34.9	52.3
130	2.7	2.0	3.0
166	29.5	24.1	36.1



#60
 Diethylphthalate
 Concen: 38.442 ng
 RT: 15.61 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BG039343.D
 Acq: 1 Feb 2019 15:17

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	18.3	27.5
150	12.5	10.2	15.2

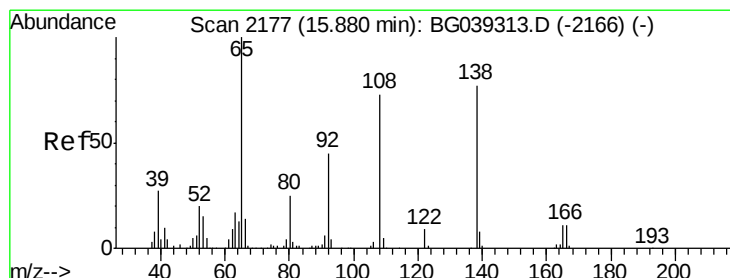
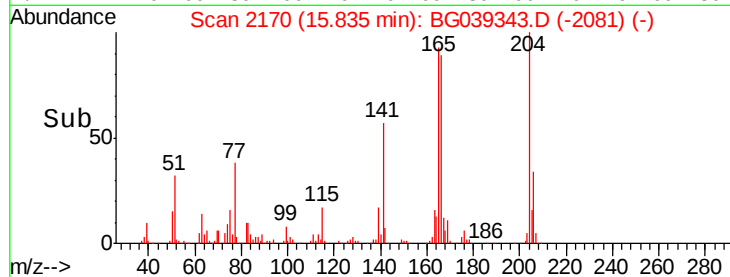
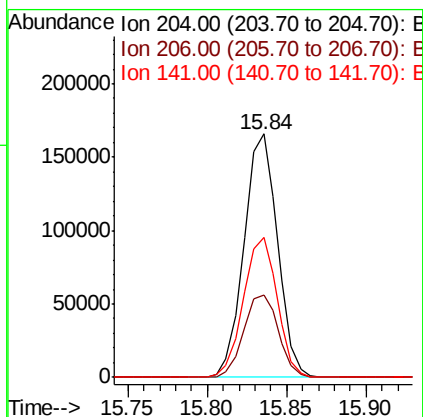
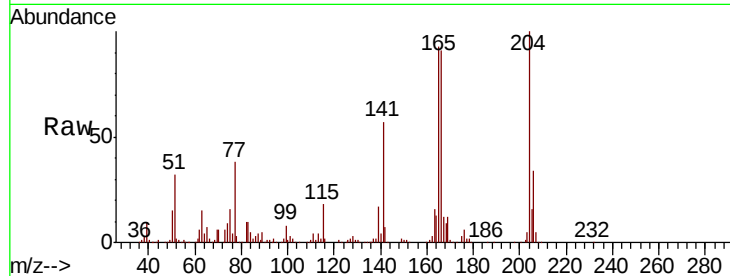




#61
 4-Chlorophenyl-phenylether
 Concen: 40.812 ng
 RT: 15.84 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BG039343.D
 Acq: 1 Feb 2019 15:17

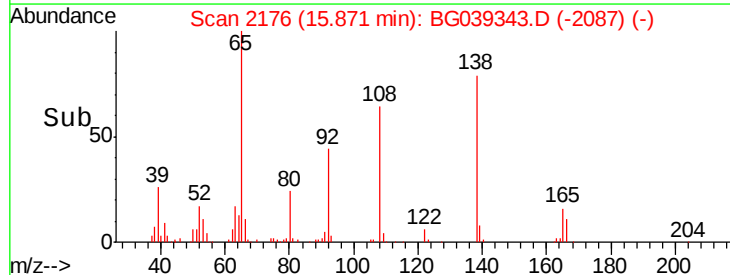
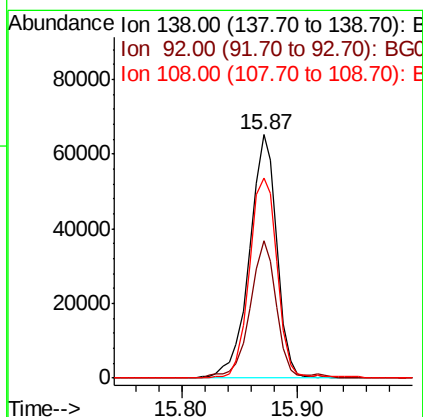
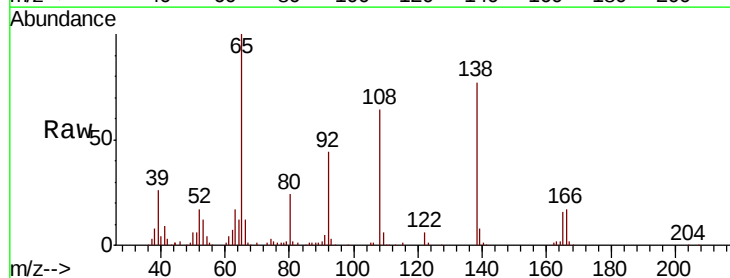
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tot Ion:204 Resp: 242379
 Ion Ratio Lower Upper
 204 100
 206 33.9 29.2 43.8
 141 57.5 49.0 73.4



#62
 4-Nitroaniline
 Concen: 44.755 ng
 RT: 15.87 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: BG039343.D
 Acq: 1 Feb 2019 15:17

Tgt Ion:138 Resp: 107740
 Ion Ratio Lower Upper
 138 100
 92 56.5 38.7 78.7
 108 82.4 74.6 114.6





#63

Azobenzene

Concen: 37.429 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.01 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

Instrument :

BNA_F

ClientSampleId :

DFTPP

Tot Ion: 77 Resp: 437269

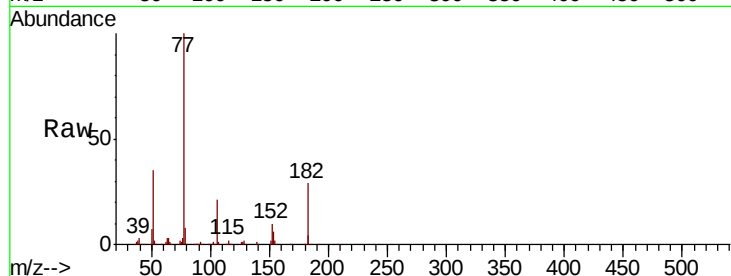
Ion Ratio Lower Upper

77 100

182 28.8 6.4 46.4

105 20.6 0.0 39.8

51 34.6 14.1 54.1

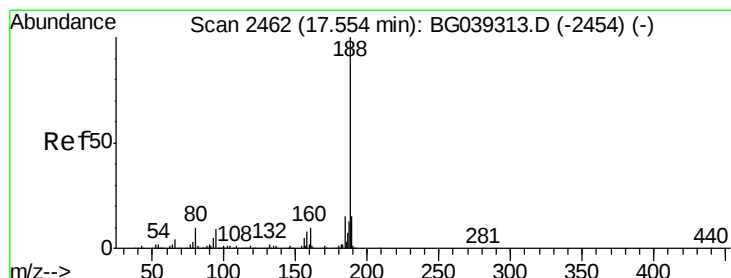
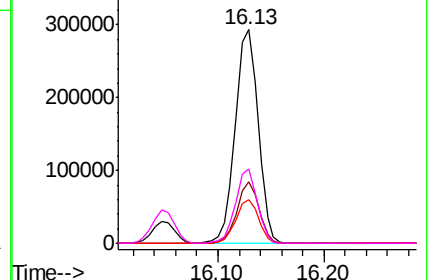
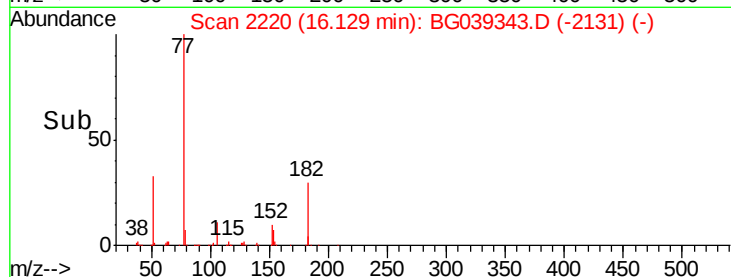


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

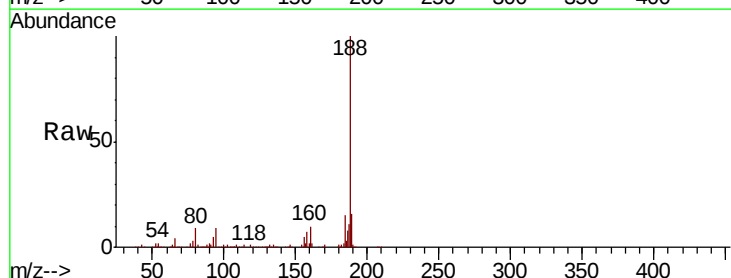
Tgt Ion: 188 Resp: 340312

Ion Ratio Lower Upper

188 100

94 8.6 6.9 10.3

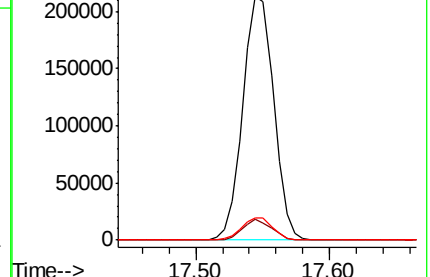
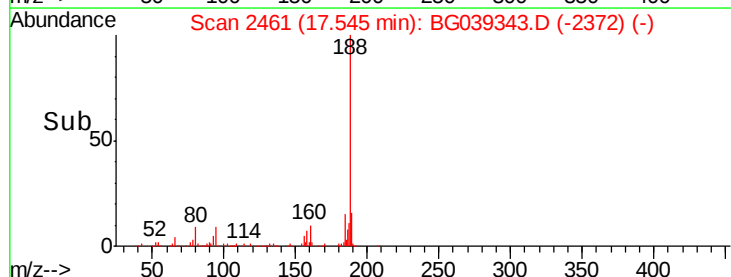
80 9.2 8.1 12.1

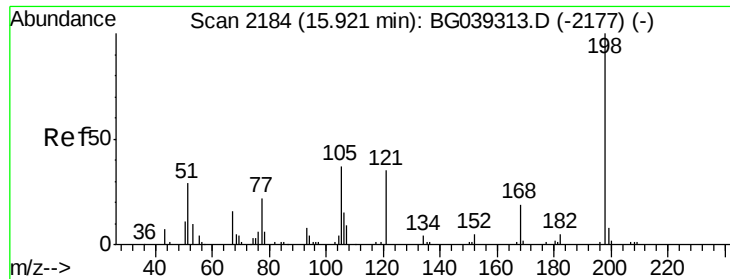


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

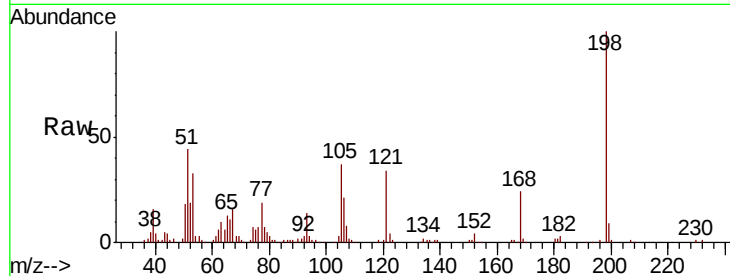




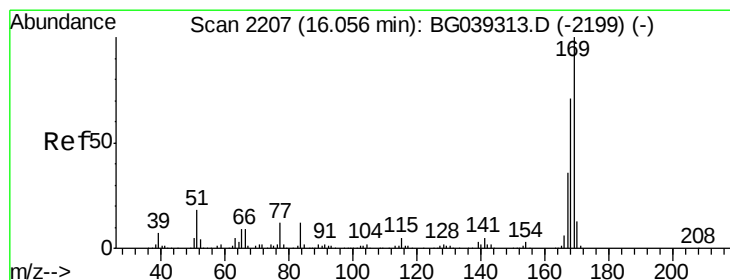
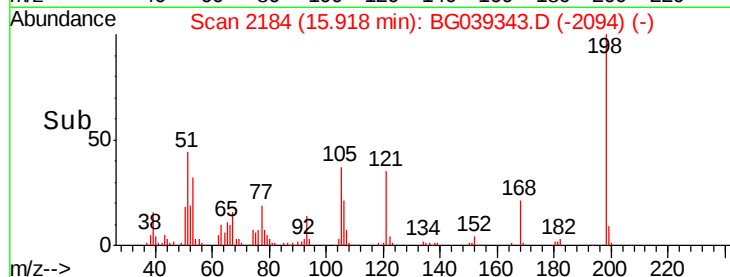
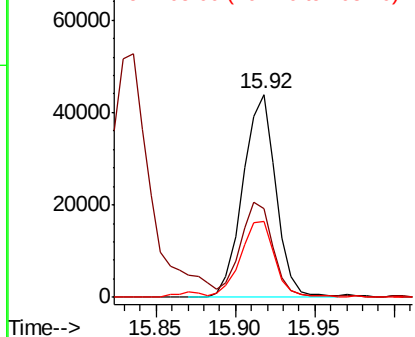
#65
4,6-Dinitro-2-methylphenol
Concen: 47.391 ng
RT: 15.92 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BG039343.D
Acq: 1 Feb 2019 15:17

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion	Ratio	Lower	Upper
198	100		
51	43.7	27.4	67.4
105	37.2	19.7	59.7

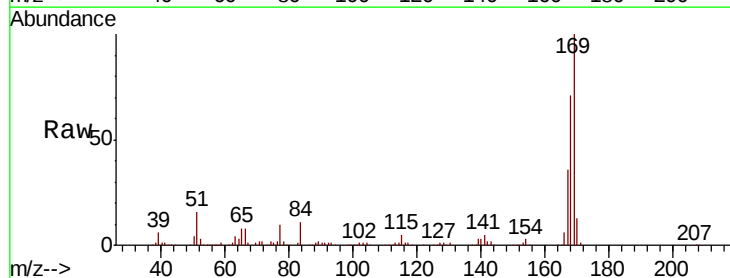


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

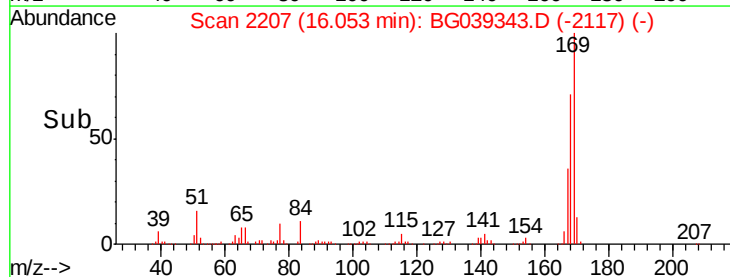
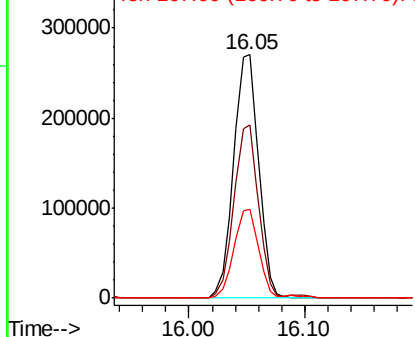


#66
n-Nitrosodiphenylamine
Concen: 39.220 ng
RT: 16.05 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BG039343.D
Acq: 1 Feb 2019 15:17

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.9	56.6	85.0
167	36.4	28.8	43.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

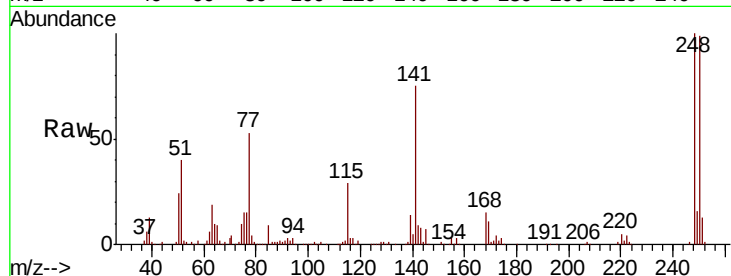




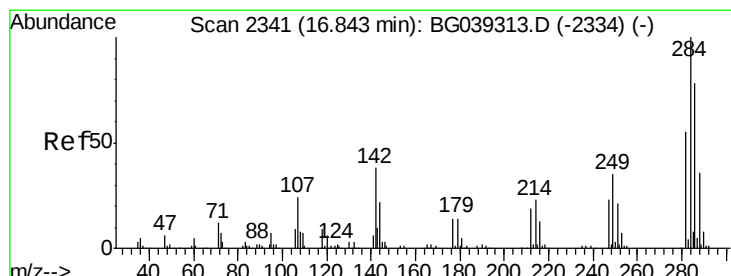
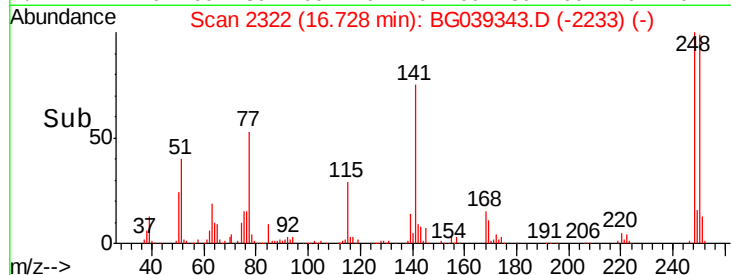
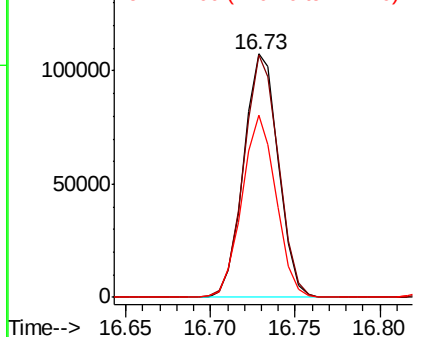
#67
4-Bromophenyl-phenylether
Concen: 40.666 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG039343.D
Acq: 1 Feb 2019 15:17

Instrument :
BNA_F
ClientSampleID :
DFTPP

Tot Ion:248 Resp: 153528
Ion Ratio Lower Upper
248 100
250 99.4 77.6 116.4
141 75.0 63.9 95.9

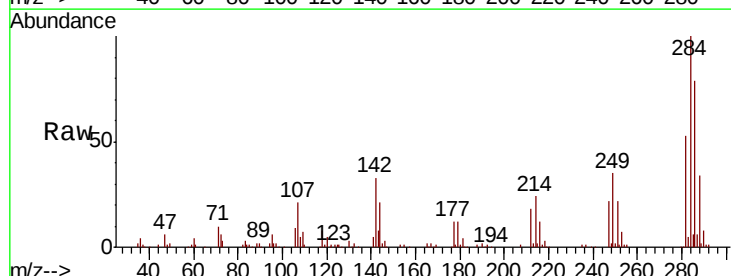


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

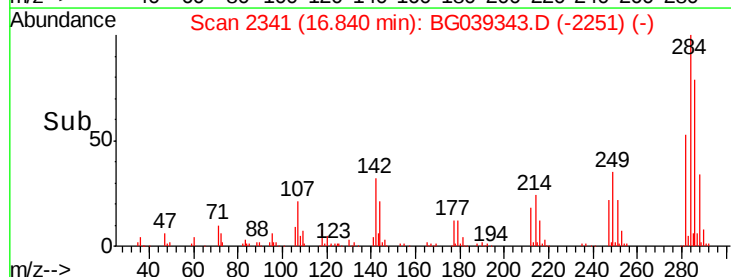
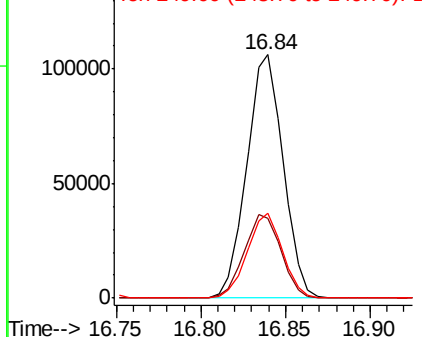


#68
Hexachlorobenzene
Concen: 42.057 ng
RT: 16.84 min Scan# 2341
Delta R.T. -0.00 min
Lab File: BG039343.D
Acq: 1 Feb 2019 15:17

Tgt Ion:284 Resp: 159307
Ion Ratio Lower Upper
284 100
142 32.9 30.6 45.8
249 35.1 28.2 42.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 40.454 ng

RT: 16.99 min Scan# 2366

Delta R.T. -0.01 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

Instrument :

BNA_F

ClientSampleId :

DFTPP

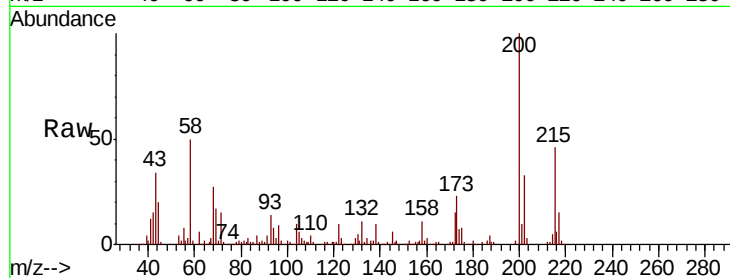
Tot Ion:200 Resp: 152978

Ion Ratio Lower Upper

200 100

173 23.4 3.9 43.9

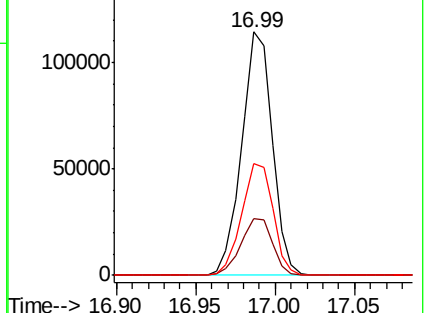
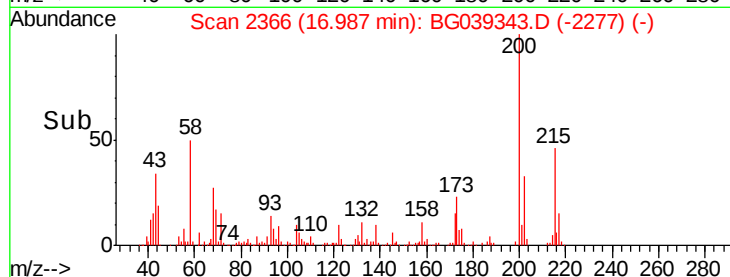
215 45.8 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 43.187 ng

RT: 17.18 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

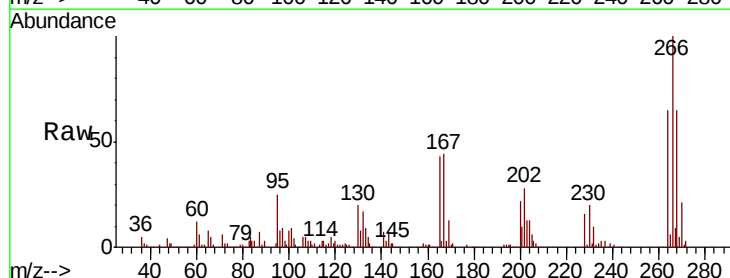
Tgt Ion:266 Resp: 113694

Ion Ratio Lower Upper

266 100

268 65.3 51.1 76.7

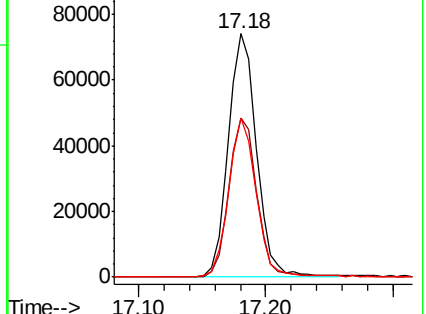
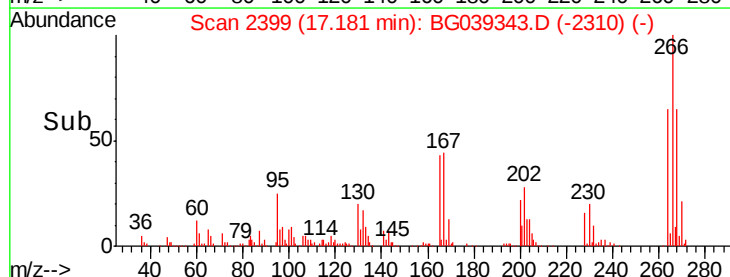
264 65.3 52.1 78.1



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

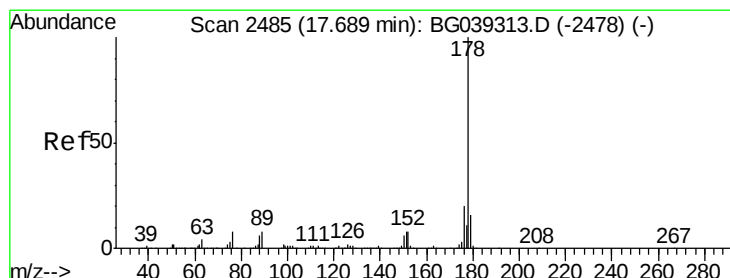
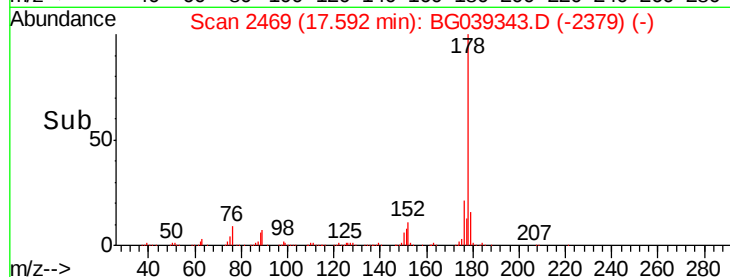
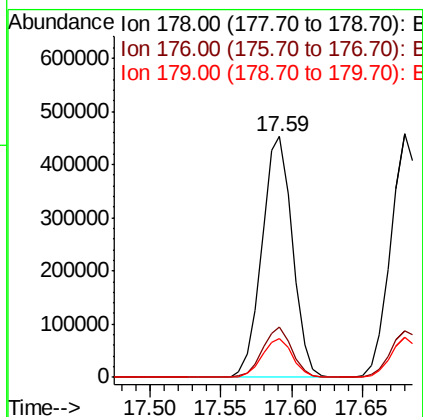
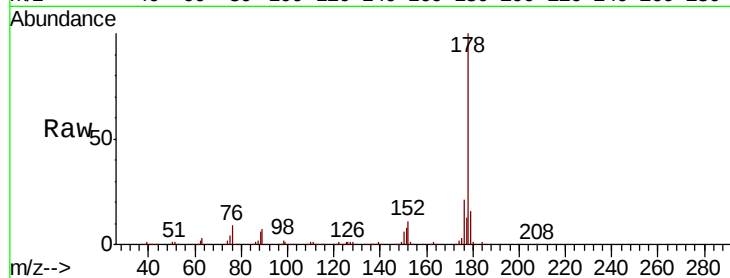




#71
Phenanthrene
Concen: 39.046 ng
RT: 17.59 min Scan# 2469
Delta R.T. -0.00 min
Lab File: BG039343.D
Acq: 1 Feb 2019 15:17

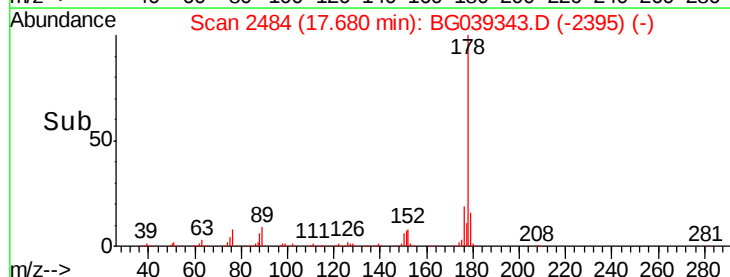
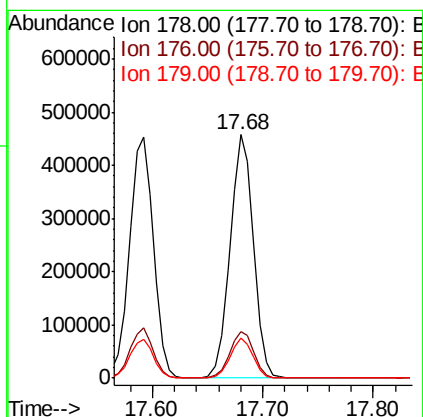
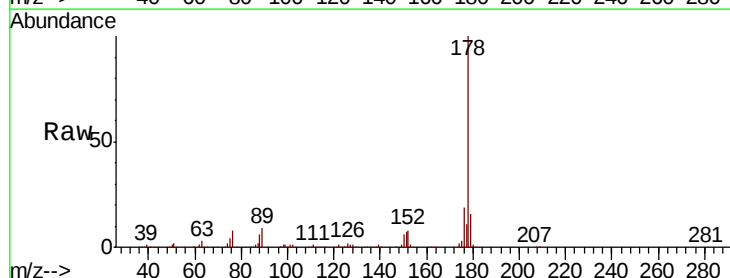
Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion:178 Resp: 687739
Ion Ratio Lower Upper
178 100
176 20.7 16.2 24.4
179 16.2 12.6 19.0



#72
Anthracene
Concen: 38.913 ng
RT: 17.68 min Scan# 2484
Delta R.T. -0.01 min
Lab File: BG039343.D
Acq: 1 Feb 2019 15:17

Tgt Ion:178 Resp: 675118
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.6
179 16.3 12.5 18.7

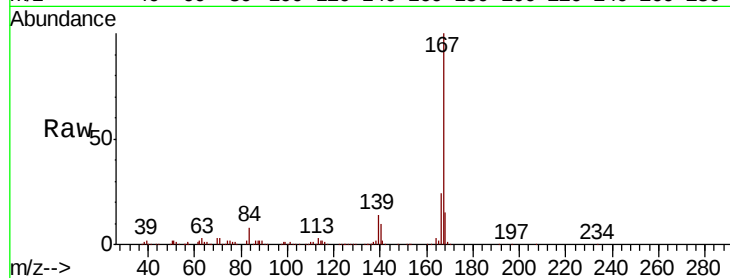




#73
 Carbazole
 Concen: 38.442 ng
 RT: 17.95 min Scan# 2530
 Delta R.T. -0.01 min
 Lab File: BG039343.D
 Acq: 1 Feb 2019 15:17

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.3	19.4	29.2
139	13.6	10.8	16.2

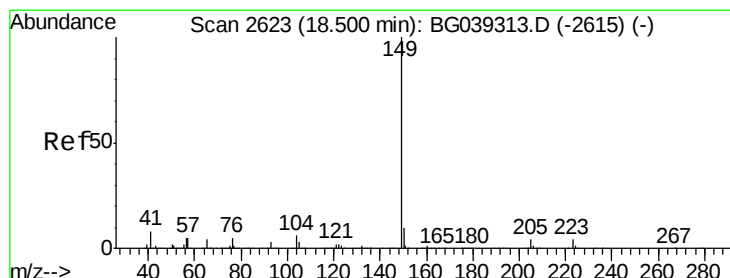
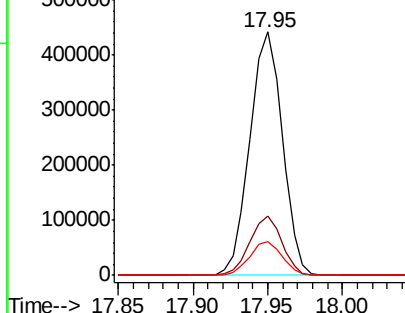
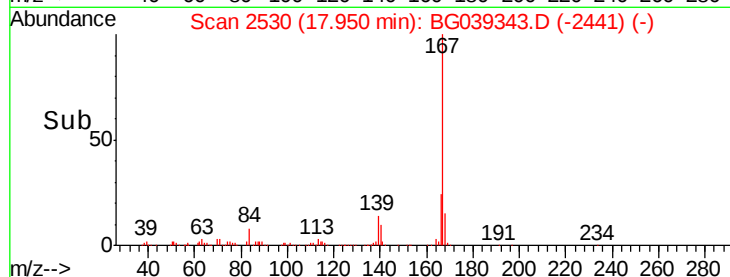


Abundance

Ion 167.00 (166.70 to 167.70): E

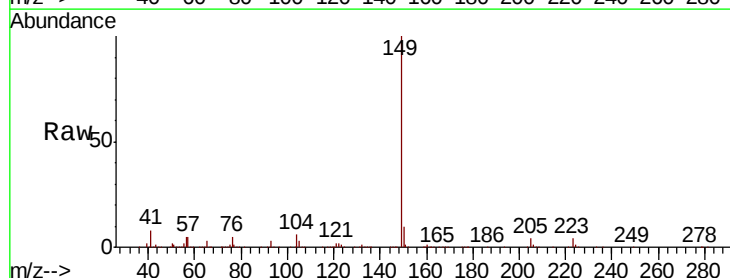
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 38.895 ng
 RT: 18.49 min Scan# 2622
 Delta R.T. -0.01 min
 Lab File: BG039343.D
 Acq: 1 Feb 2019 15:17

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	5.5	4.5	6.7

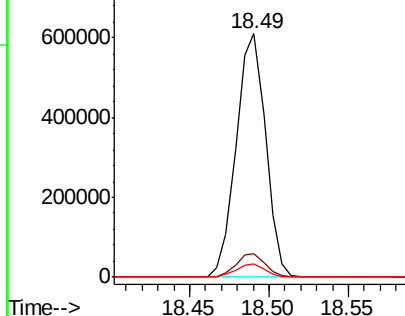
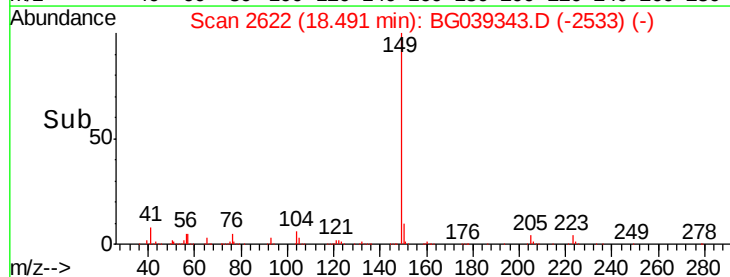


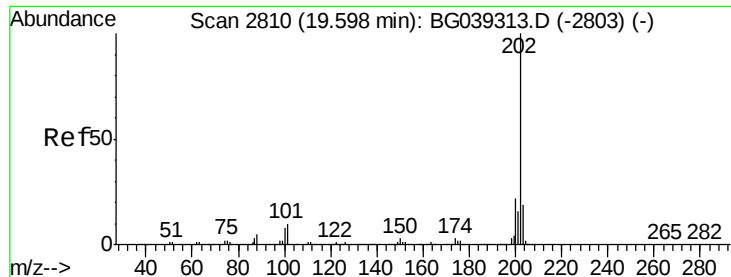
Abundance

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: 39.497 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

Instrument :

BNA_F

ClientSampleId :

DFTPP

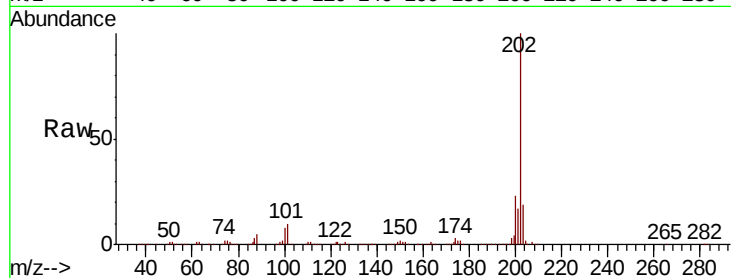
Tot Ion:202 Resp: 807466

Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.0

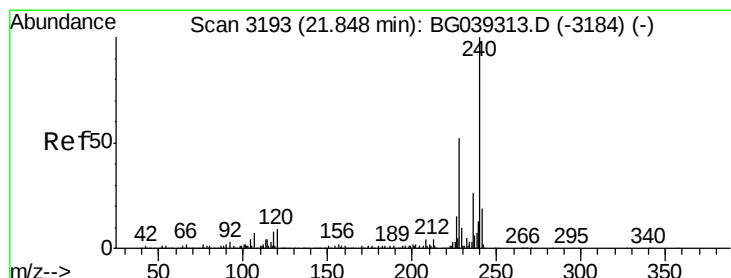
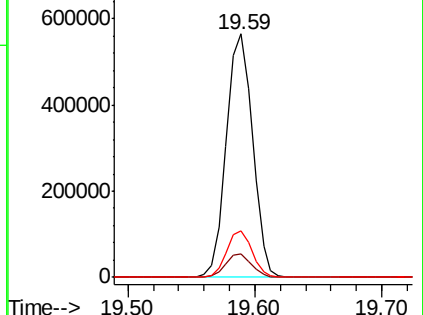
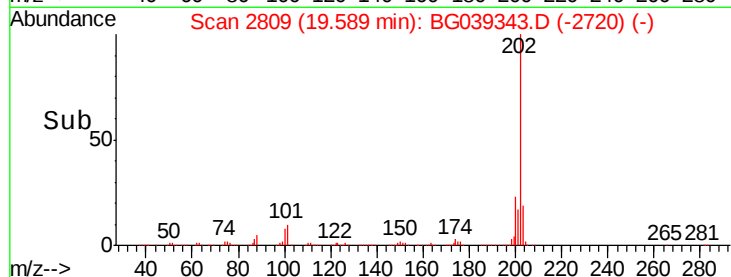
203 18.9 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.84 min Scan# 3192

Delta R.T. -0.01 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

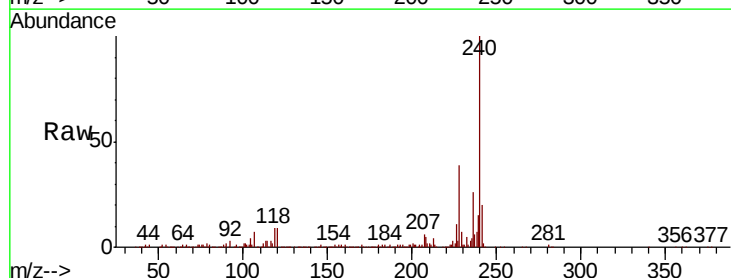
Tgt Ion:240 Resp: 338590

Ion Ratio Lower Upper

240 100

120 8.7 7.0 10.6

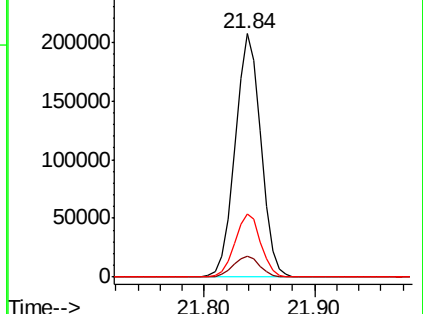
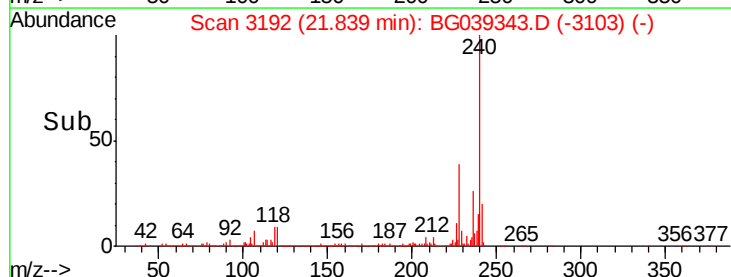
236 26.2 21.0 31.4



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: 42.130 ng

RT: 19.77 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

Instrument :

BNA_F

ClientSampleId :

DFTPP

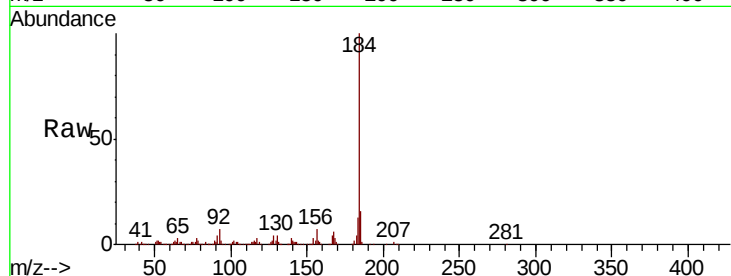
Tot Ion:184 Resp: 467675

Ion Ratio Lower Upper

184 100

185 15.6 12.2 18.2

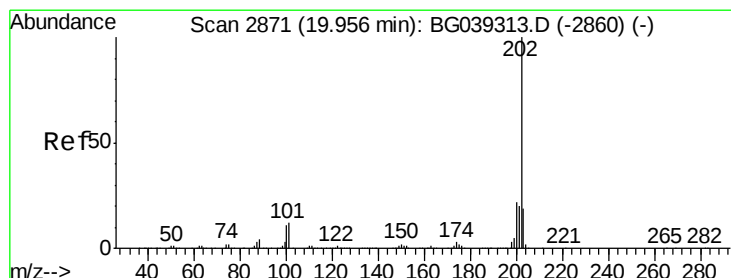
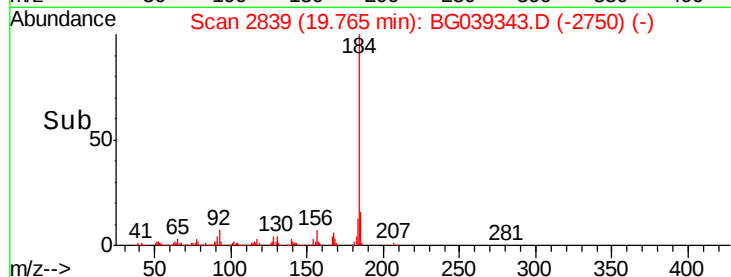
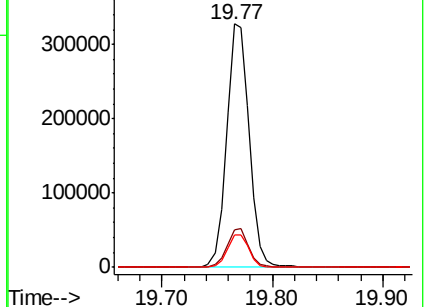
183 13.5 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.480 ng

RT: 19.95 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

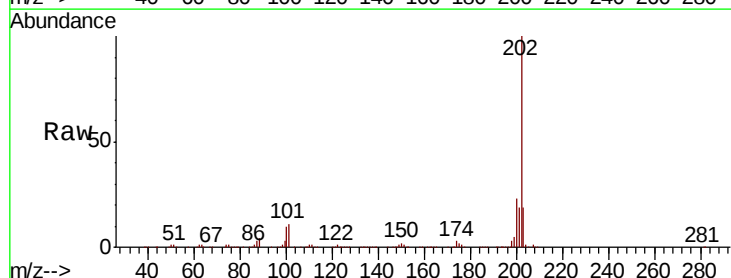
Tgt Ion:202 Resp: 832175

Ion Ratio Lower Upper

202 100

200 22.5 17.8 26.8

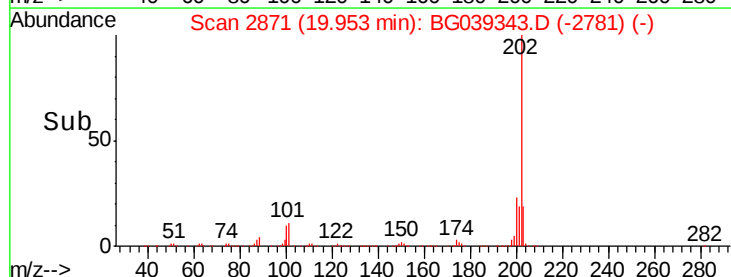
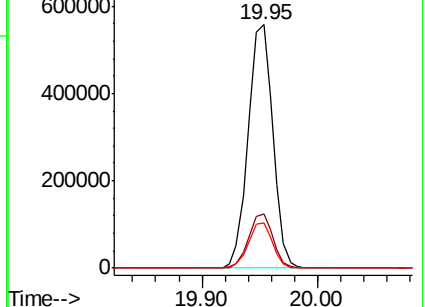
203 18.8 15.3 22.9



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: 78.175 ng

RT: 20.14 min Scan# 2903

Delta R.T. -0.01 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

Instrument :

BNA_F

ClientSampleId :

DFTPP

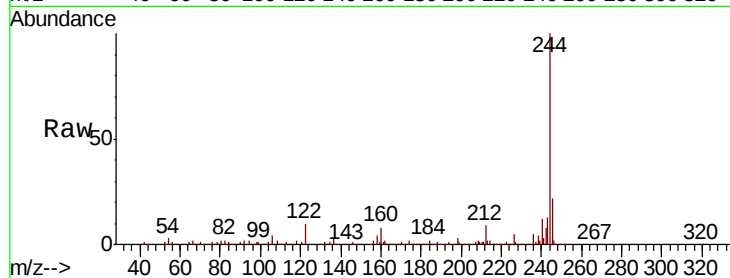
Tot Ion:244 Resp: 1250503

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

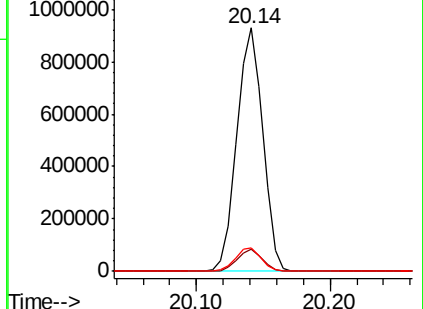
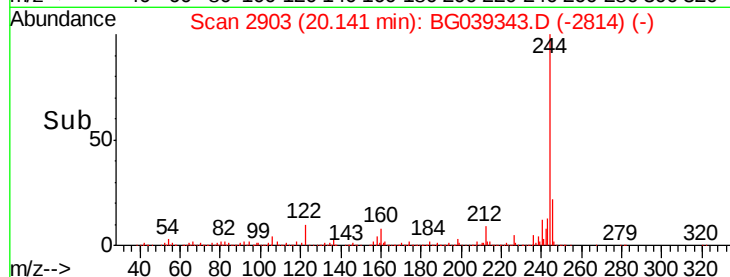
122 9.6 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.202 ng

RT: 20.82 min Scan# 3019

Delta R.T. -0.01 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

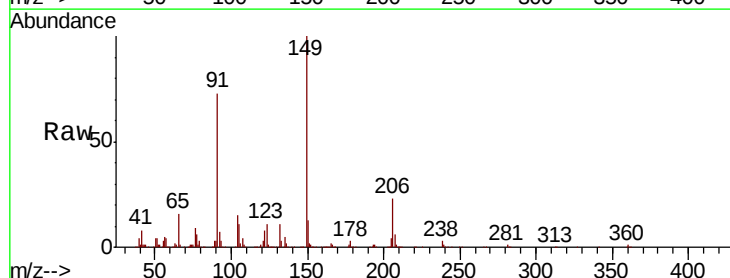
Tgt Ion:149 Resp: 357457

Ion Ratio Lower Upper

149 100

91 73.2 59.5 89.3

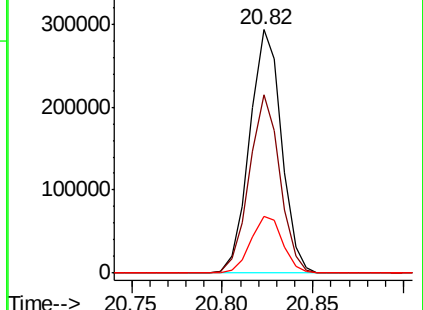
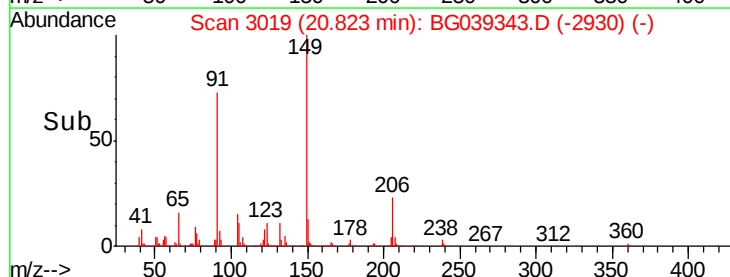
206 23.4 18.6 27.8

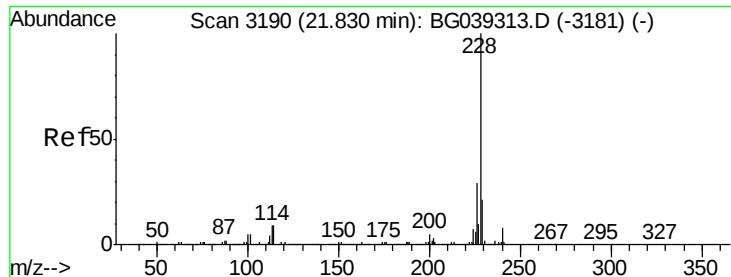


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.752 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

Instrument :

BNA_F

ClientSampleId :

DFTPP

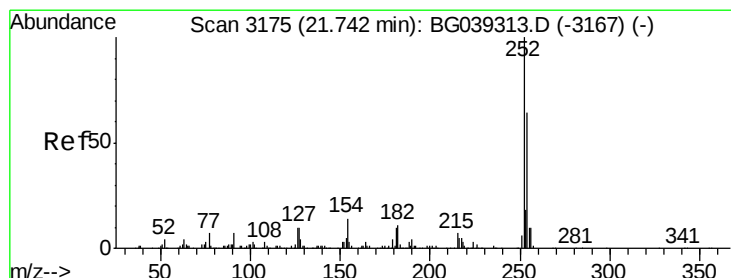
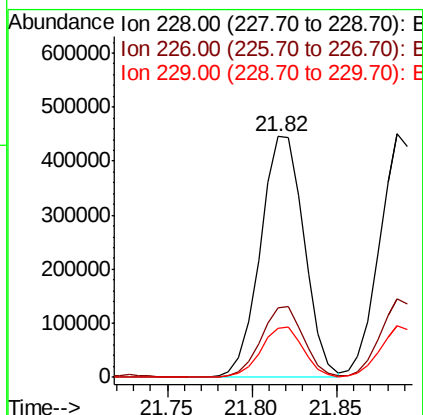
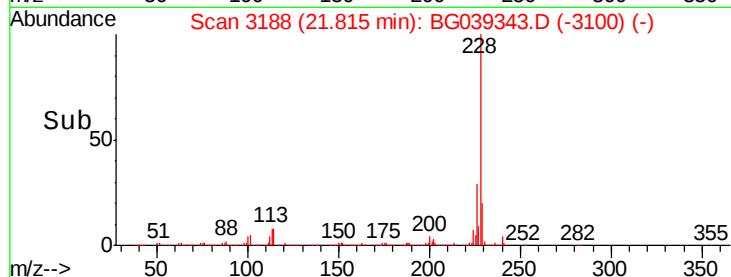
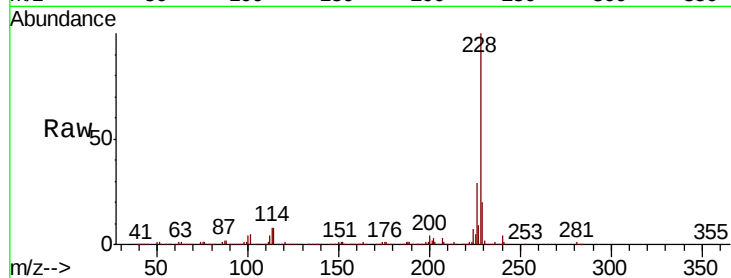
Tot Ion:228 Resp: 795323

Ion Ratio Lower Upper

228 100

226 28.9 23.0 34.6

229 20.3 16.9 25.3



#82

3,3'-Dichlorobenzidine

Concen: 41.092 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

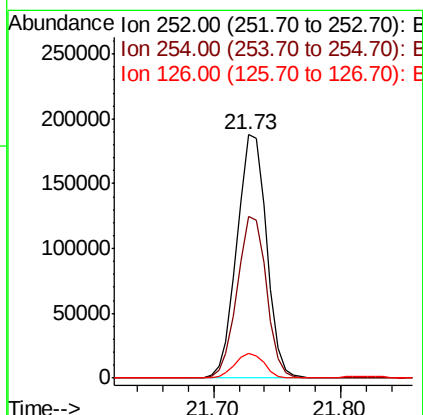
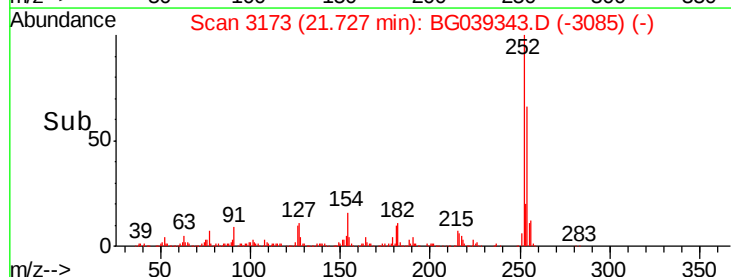
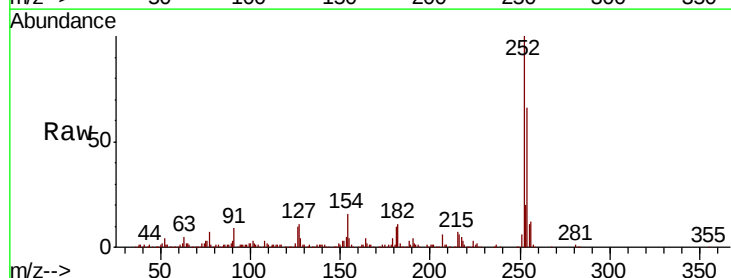
Tgt Ion:252 Resp: 304841

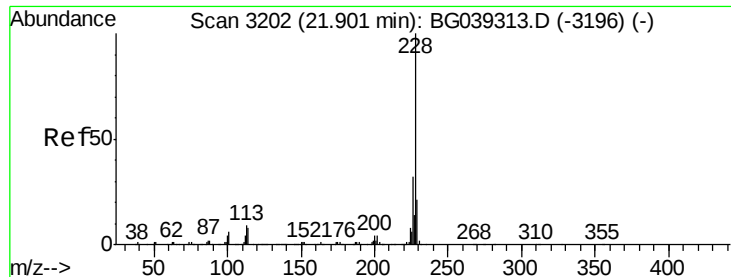
Ion Ratio Lower Upper

252 100

254 66.3 51.3 76.9

126 10.1 8.0 12.0

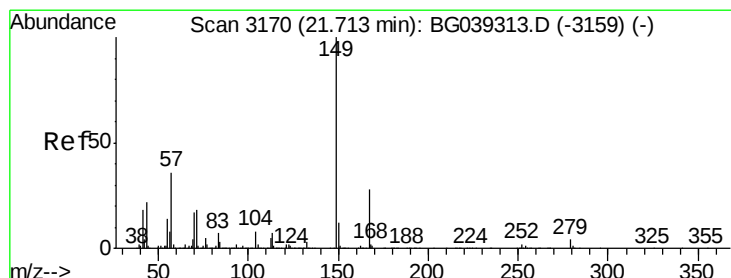
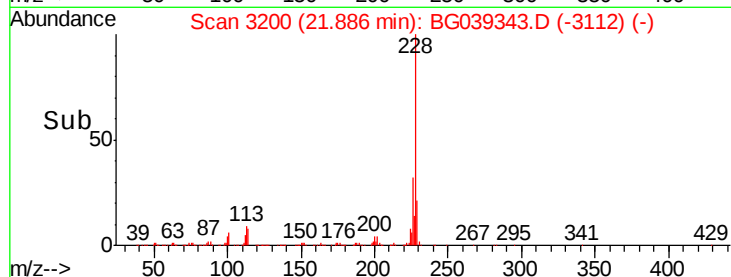
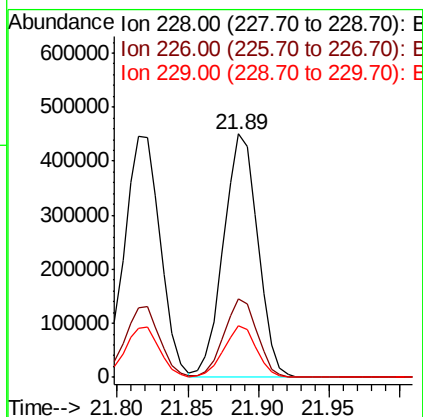
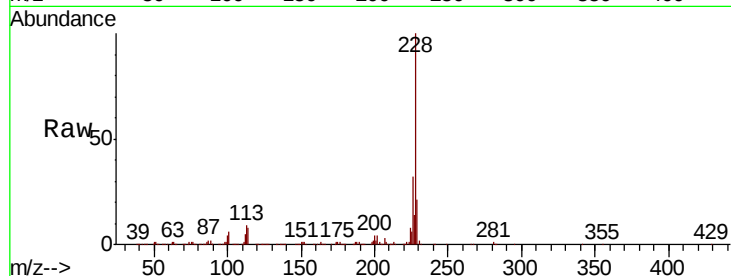




#83
 Chrysene
 Concen: 39.944 ng
 RT: 21.89 min Scan# 3200
 Delta R.T. -0.01 min
 Lab File: BG039343.D
 Acq: 1 Feb 2019 15:17

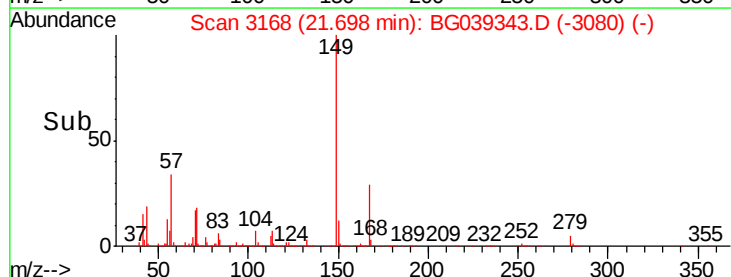
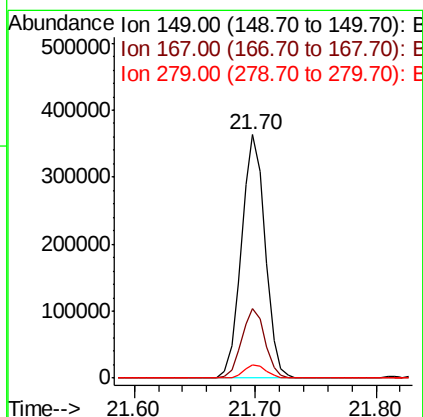
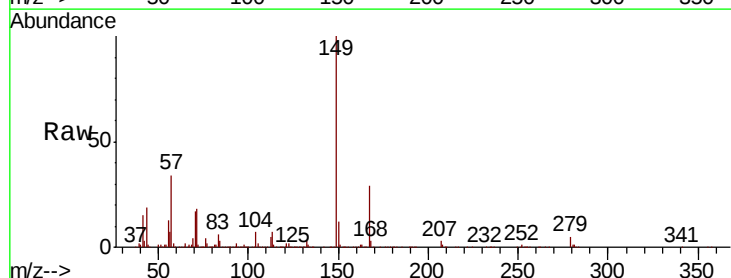
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tot Ion:228 Resp: 760762
 Ion Ratio Lower Upper
 228 100
 226 32.1 25.8 38.6
 229 21.1 16.6 25.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.224 ng
 RT: 21.70 min Scan# 3168
 Delta R.T. -0.01 min
 Lab File: BG039343.D
 Acq: 1 Feb 2019 15:17

Tgt Ion:149 Resp: 497563
 Ion Ratio Lower Upper
 149 100
 167 28.7 22.6 34.0
 279 5.2 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 39.621 ng

RT: 22.97 min Scan# 3385

Delta R.T. -0.02 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

Instrument :

BNA_F

ClientSampleId :

DFTPP

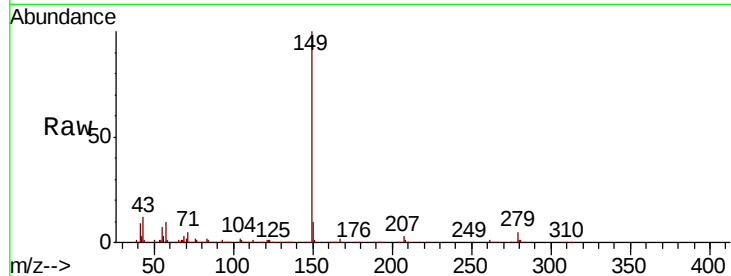
Tot Ion:149 Resp: 830329

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

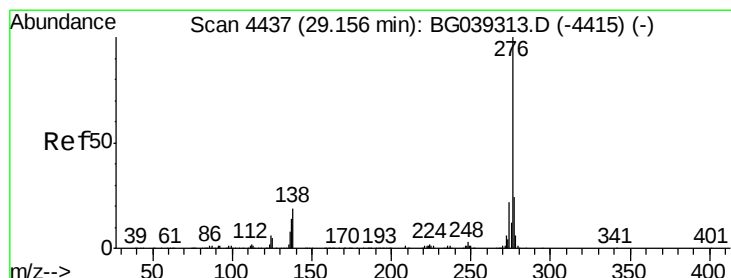
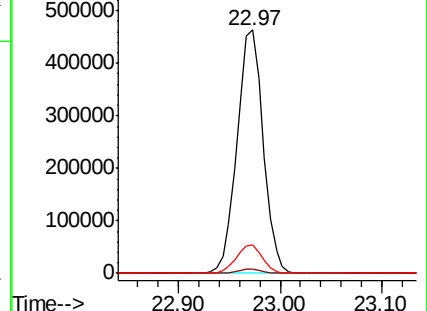
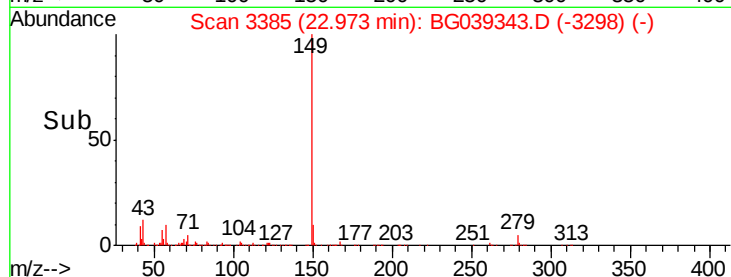
43 11.8 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.263 ng

RT: 29.12 min Scan# 4431

Delta R.T. -0.04 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

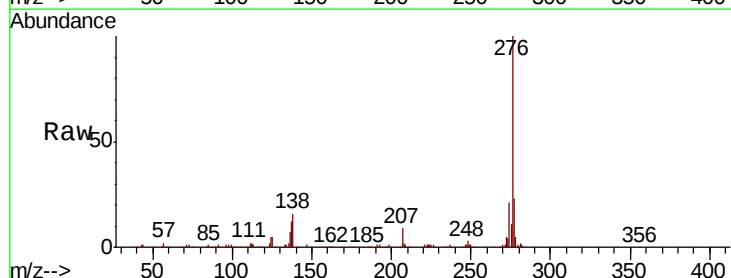
Tgt Ion:276 Resp: 863617

Ion Ratio Lower Upper

276 100

138 21.7 12.6 19.0#

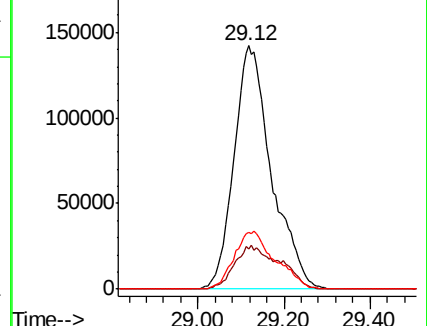
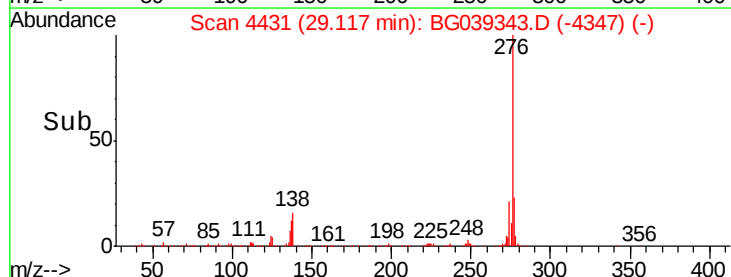
277 25.8 20.8 31.2



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: 25.22 min Scan# 3768

Delta R.T. -0.02 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

Instrument :

BNA_F

ClientSampled :

DFTPP

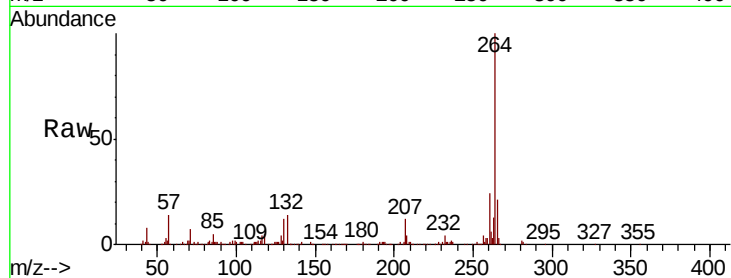
Tot Ion:264 Resp: 350136

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.4

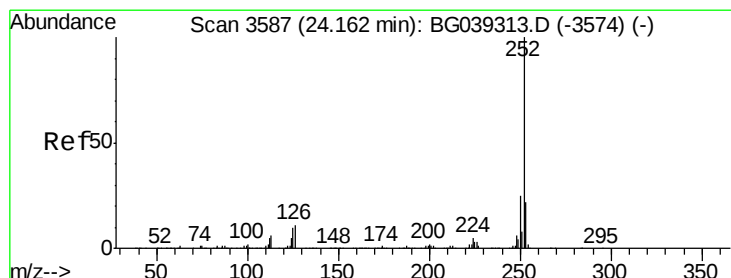
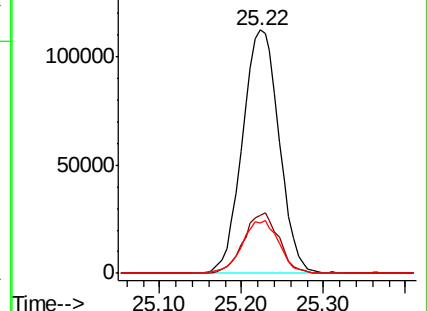
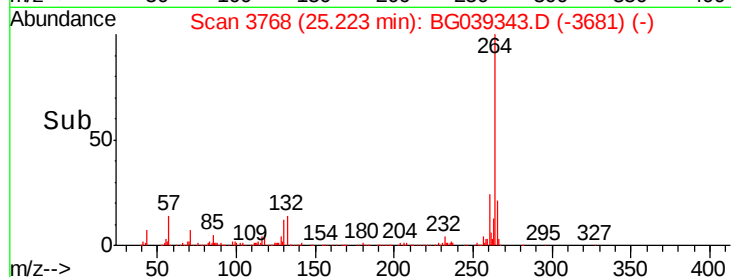
265 20.5 18.5 27.7



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: 40.051 ng

RT: 24.14 min Scan# 3584

Delta R.T. -0.02 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

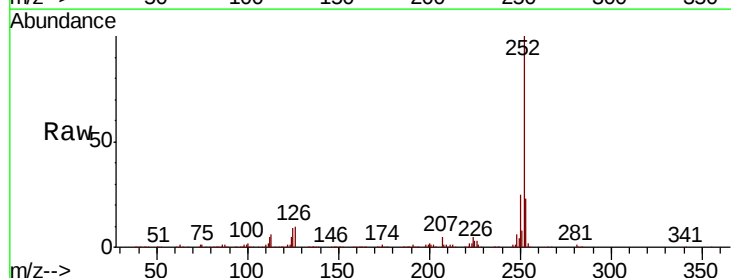
Tgt Ion:252 Resp: 764774

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.8

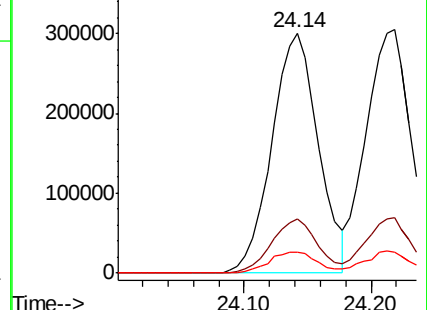
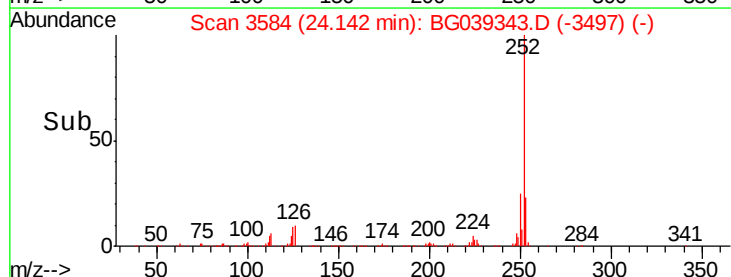
125 8.7 7.8 11.6



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: 39.258 ng

RT: 24.22 min Scan# 3597

Delta R.T. -0.01 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

Instrument :

BNA_F

ClientSampleId :

DFTPP

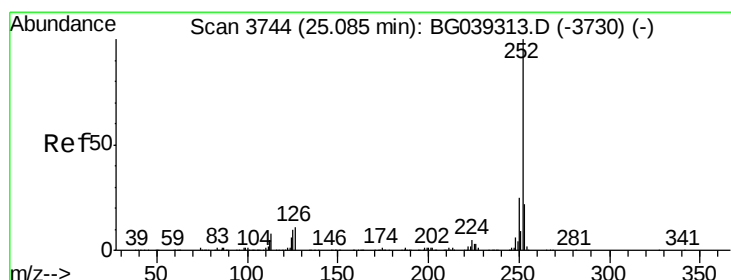
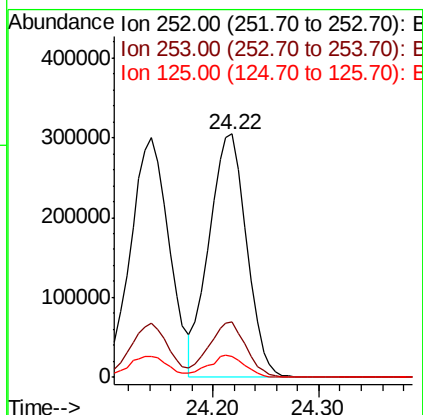
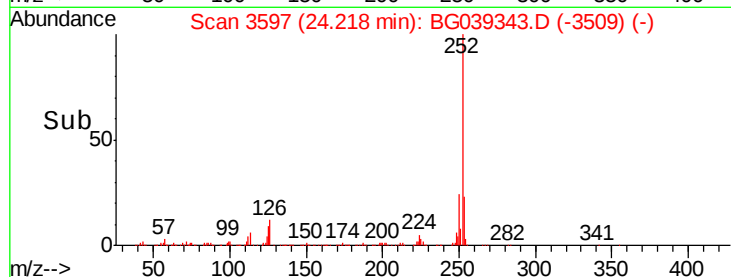
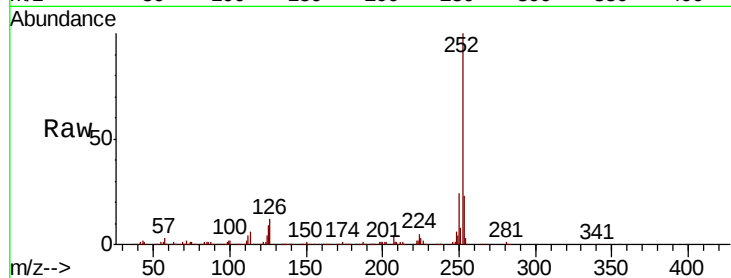
Tot Ion:252 Resp: 752616

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.2

125 8.6 7.4 11.2



#90

Benzo(a)pyrene

Concen: 40.160 ng

RT: 25.06 min Scan# 3741

Delta R.T. -0.02 min

Lab File: BG039343.D

Acq: 1 Feb 2019 15:17

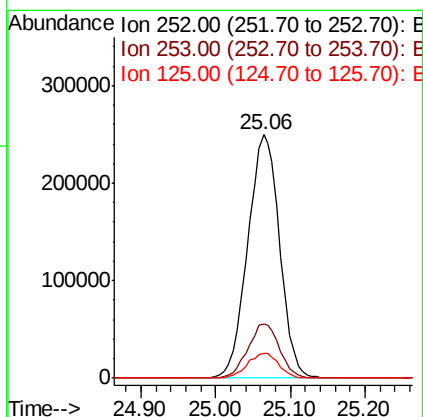
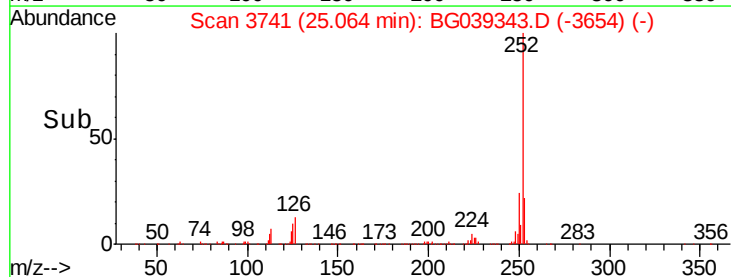
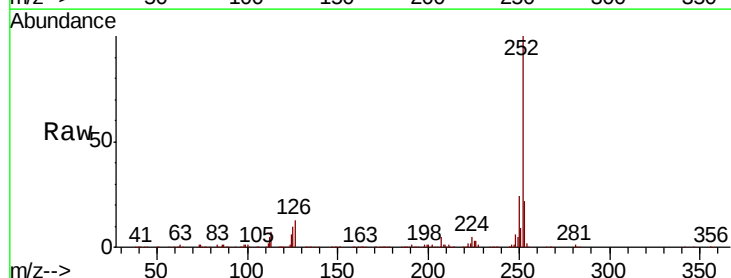
Tgt Ion:252 Resp: 738530

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

125 9.9 8.3 12.5

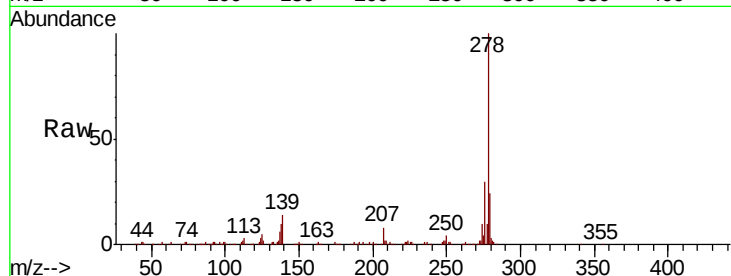




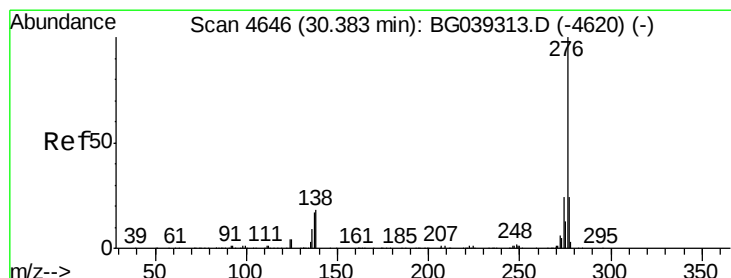
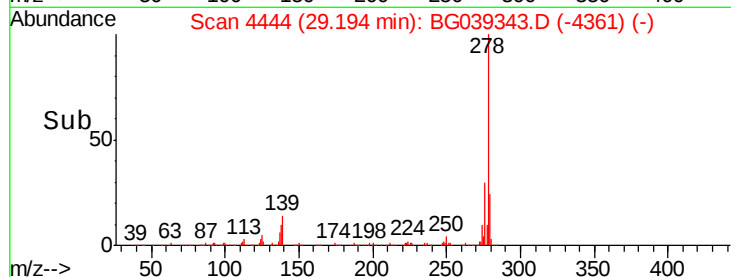
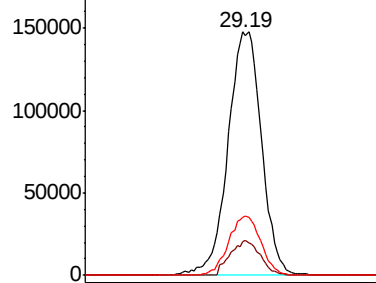
#91
Dibenzo(a,h)anthracene
Concen: 41.116 ng
RT: 29.19 min Scan# 4444
Delta R.T. -0.04 min
Lab File: BG039343.D
Acq: 1 Feb 2019 15:17

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion:278 Resp: 708097
Ion Ratio Lower Upper
278 100
139 14.0 11.7 17.5
279 23.8 19.1 28.7

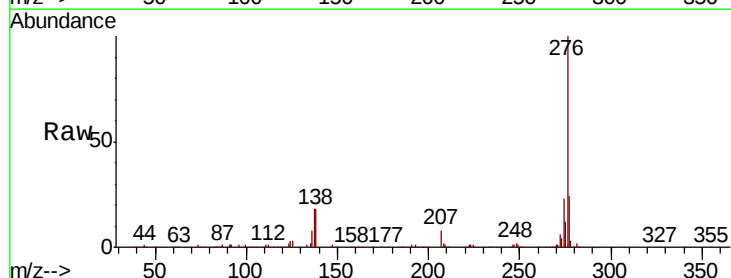


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.513 ng
RT: 30.35 min Scan# 4641
Delta R.T. -0.03 min
Lab File: BG039343.D
Acq: 1 Feb 2019 15:17

Tgt Ion:276 Resp: 712600
Ion Ratio Lower Upper
276 100
277 24.3 19.6 29.4
138 18.0 14.7 22.1



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

