

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100815\
 Data File : BF082133.D
 Acq On : 8 Oct 2015 18:07
 Operator : UM/IZ
 Sample : G3945-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP215BR-20-21MSD

Quant Time: Oct 09 05:10:08 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 09 05:03:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	83547	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	334925	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	177091	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	343951	20.00	ng	0.00
75) Chrysene-d12	14.04	240	319274	20.00	ng	-0.01
86) Perylene-d12	15.48	264	234654	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	594051	129.08	ng	0.01
7) Phenol-d6	6.50	99	812470	140.29	ng	0.01
23) Nitrobenzene-d5	7.44	82	513548	102.21	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	224105	124.95	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	965925	92.95	ng	0.00
78) Terphenyl-d14	12.98	244	1017906	113.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	73140	36.54	ng	87
3) Pyridine	3.22	79	153085	29.38	ng	86
4) n-Nitrosodimethylamine	3.18	42	69128	29.21	ng	98
6) Aniline	6.53	93	92613	11.90	ng	# 72
8) 2-Chlorophenol	6.65	128	182142	35.84	ng	96
9) Benzaldehyde	6.41	77	9873	2.60	ng	# 78
10) Phenol	6.51	94	255381	39.31	ng	70
11) bis(2-Chloroethyl)ether	6.61	93	188892	37.49	ng	92
12) 1,3-Dichlorobenzene	6.80	146	201500	33.56	ng	# 93
13) 1,4-Dichlorobenzene	6.88	146	216713	34.57	ng	# 94
14) 1,2-Dichlorobenzene	6.88	146	219388	39.28	ng	96
15) Benzyl Alcohol	7.01	79	140331	33.57	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	7.14	45	250600	35.19	ng	83
17) 2-Methylphenol	7.12	107	145766	35.38	ng	# 83
18) Hexachloroethane	7.37	117	71387	36.38	ng	# 85
19) n-Nitroso-di-n-propylamine	7.28	70	126666	35.99	ng	# 77
20) 3+4-Methylphenols	7.28	107	181875	34.95	ng	# 49
22) Acetophenone	7.28	105	317667	46.39	ng	# 82
24) Nitrobenzene	7.45	77	186165	34.12	ng	# 68
25) Isophorone	7.69	82	360199	36.17	ng	# 94
26) 2-Nitrophenol	7.77	139	102084	38.98	ng	# 82
27) 2,4-Dimethylphenol	7.81	122	173727	37.71	ng	# 79
28) bis(2-Chloroethoxy)methane	7.91	93	213194	36.05	ng	# 94
29) 2,4-Dichlorophenol	8.01	162	175361	39.26	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	184929	37.08	ng	99
31) Naphthalene	8.17	128	534371	36.01	ng	98
32) Benzoic acid	7.87	122	9947	10.40	ng	86
33) 4-Chloroaniline	8.23	127	39411	6.14	ng	# 93
34) Hexachlorobutadiene	8.29	225	107964	36.60	ng	99
35) Caprolactam	8.59	113	42542	34.40	ng	96
36) 4-Chloro-3-methylphenol	8.71	107	161874	37.06	ng	# 79
37) 2-Methylnaphthalene	8.87	142	363692	35.90	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	219136	40.31	ng	99
40) Hexachlorocyclopentadiene	9.02	237	191059	68.24	ng	97

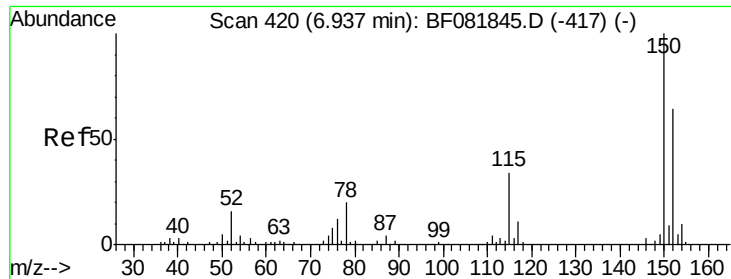
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100815\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	118722	31.85	nq	100
43) 2,4,5-Trichlorophenol	9.19	196	135314	35.30	nq	# 95
45) 1,1'-Biphenyl	9.33	154	541303	39.62	nq	95
46) 2-Chloronaphthalene	9.36	162	354523	33.05	nq	97
47) 2-Nitroaniline	9.45	65	102559	32.57	nq	# 69
48) Acenaphthylene	9.77	152	591515	34.45	nq	97
49) Dimethylphthalate	9.63	163	639146	52.29	nq	# 98
50) 2,6-Dinitrotoluene	9.70	165	90532	34.11	nq	# 88
51) Acenaphthene	9.94	154	368785	36.17	nq	89
52) 3-Nitroaniline	9.86	138	50291	16.38	nq	# 70
53) 2,4-Dinitrophenol	9.98	184	38144	43.20	nq	# 78
54) Dibenzofuran	10.11	168	521039	36.16	nq	# 91
55) 4-Nitrophenol	10.03	139	154520	69.65	nq	# 59
56) 2,4-Dinitrotoluene	10.10	165	131862	38.98	nq	# 99
57) Fluorene	10.46	166	412604	39.79	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.23	232	111229	36.58	nq	97
59) Diethylphthalate	10.33	149	430380	37.69	nq	99
60) 4-Chlorophenyl-phenylether	10.45	204	187726	35.59	nq	# 87
61) 4-Nitroaniline	10.48	138	94558	30.72	nq	# 46
62) Azobenzene	10.61	77	411216	36.90	nq	90
64) 4,6-Dinitro-2-methylphenol	10.50	198	50638	34.79	nq	90
65) n-Nitrosodiphenylamine	10.57	169	371220	35.67	nq	92
66) 4-Bromophenyl-phenylether	10.94	248	126680	36.53	nq	100
67) Hexachlorobenzene	10.99	284	123438	31.54	nq	# 77
68) Atrazine	11.10	200	141052	43.68	nq	83
69) Pentachlorophenol	11.20	266	156370	70.12	nq	98
70) Phenanthrene	11.42	178	590452	35.31	nq	97
71) Anthracene	11.48	178	620188	35.48	nq	98
72) Carbazole	11.62	167	561129	35.46	nq	95
73) Di-n-butylphthalate	11.96	149	689336	42.71	nq	# 99
74) Fluoranthene	12.61	202	650168	35.29	nq	88
76) Benzidine	12.73	184	328474	34.15	nq	98
77) Pyrene	12.84	202	664137	34.82	nq	96
79) Butylbenzylphthalate	13.45	149	282579	39.37	nq	92
80) Benzo(a)anthracene	14.02	228	568432	33.06	nq	97
81) 3,3'-Dichlorobenzidine	13.99	252	115756	19.94	nq	# 93
82) Chrysene	14.06	228	518950	29.57	nq	95
83) Bis(2-ethylhexyl)phthalate	14.01	149	403666	44.84	nq	94
84) Di-n-octyl phthalate	14.62	149	635405	43.37	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.89	276	450965	33.53	nq	# 87
87) Benzo(b)fluoranthene	15.09	252	944624	70.51	nq	# 86
88) Benzo(k)fluoranthene	15.09	252	945134	76.97	nq	# 87
89) Benzo(a)pyrene	15.42	252	439988	37.86	nq	# 85
90) Dibenzo(a,h)anthracene	16.92	278	372250	38.18	nq	# 79
91) Benzo(g,h,i)perylene	17.33	276	373081	37.34	nq	# 75

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.87 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF082133.D

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MGP215BR-20-21MSD

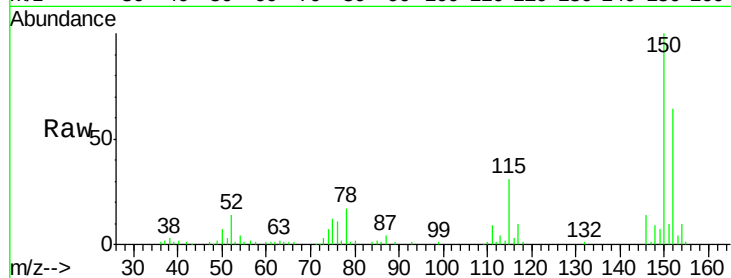
Tot Ion:152 Resp: 83547

Ion Ratio Lower Upper

152 100

150 156.1 124.7 187.1

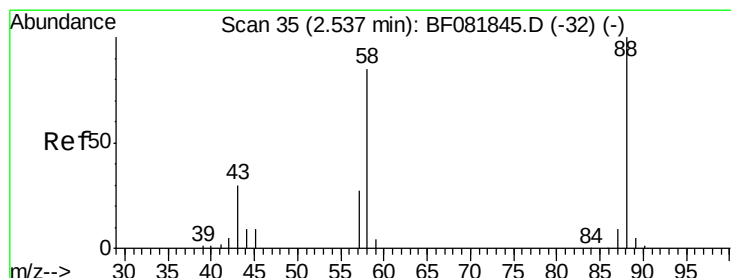
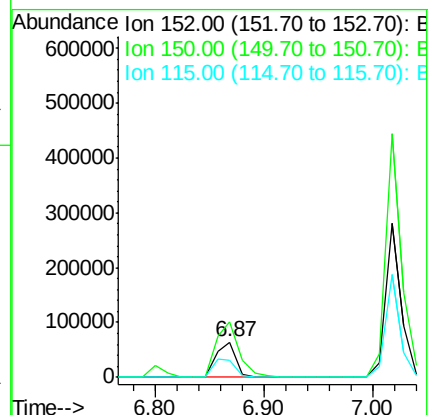
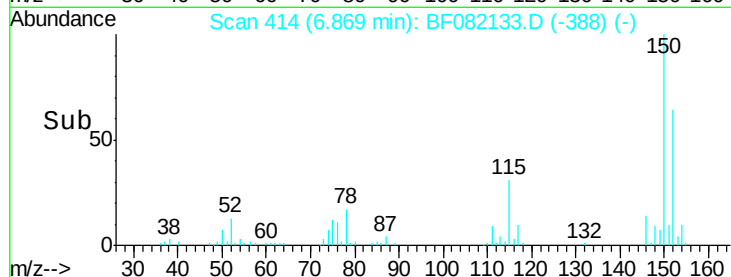
115 48.6 39.0 58.4



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: 36.54 ng

RT: 2.49 min Scan# 31

Delta R.T. 0.07 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

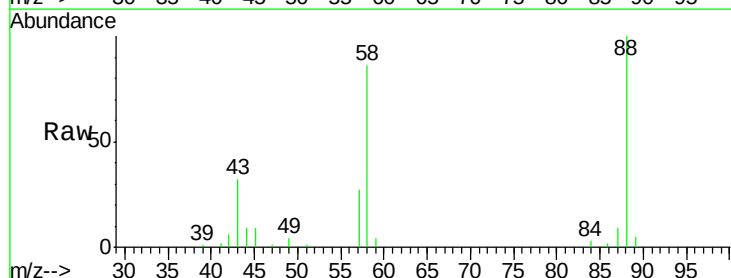
Tgt Ion: 88 Resp: 73140

Ion Ratio Lower Upper

88 100

58 82.8 77.7 116.5

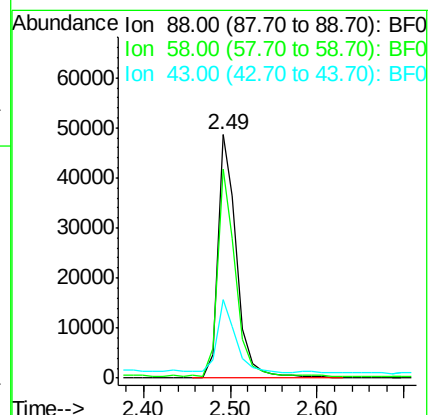
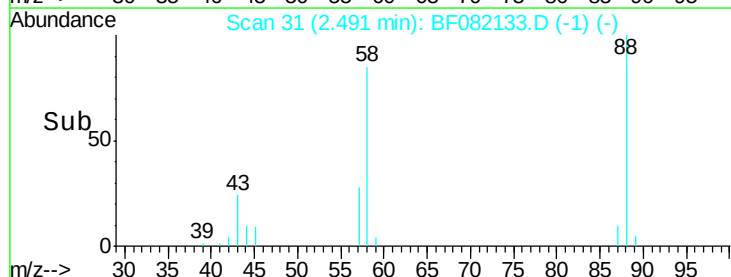
43 29.0 26.6 40.0

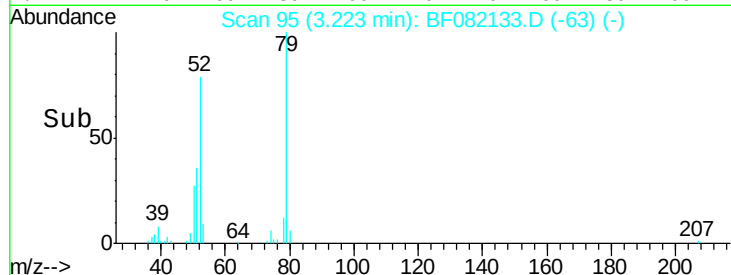
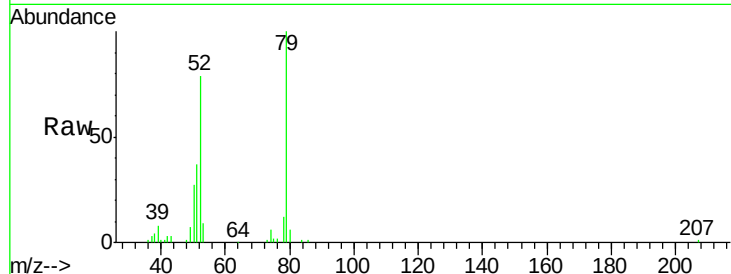
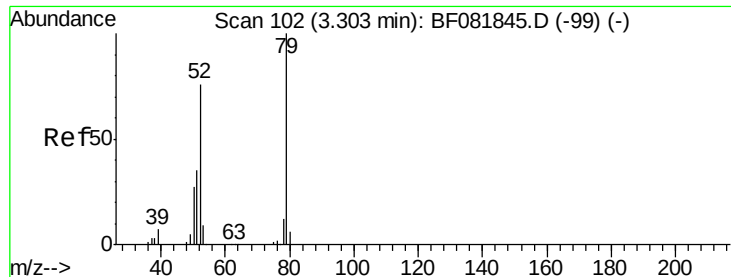


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

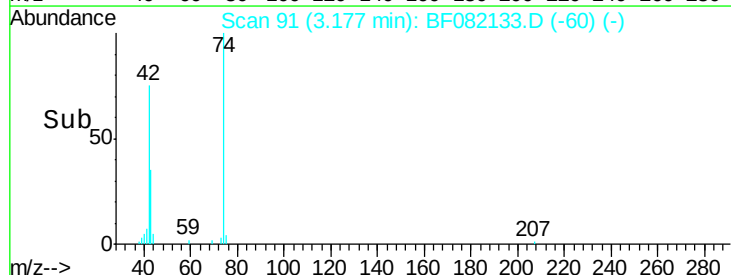
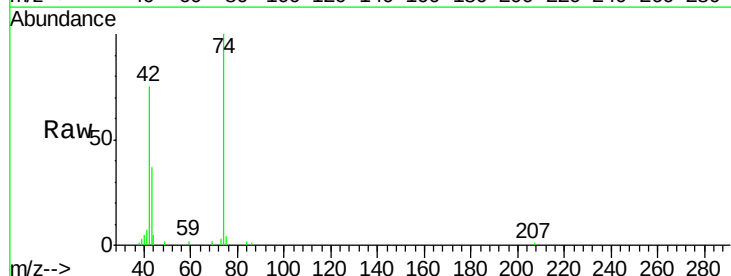
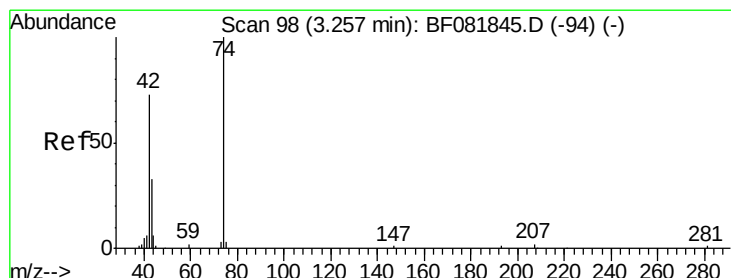
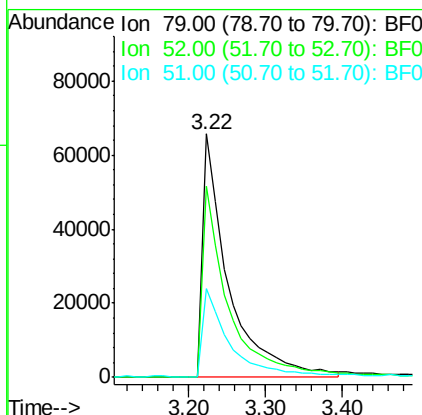




#3
 Pvridine
 Concen: 29.38 ng
 RT: 3.22 min Scan# 95
 Delta R.T. 0.07 min
 Lab File: BF082133.D
 Acq: 8 Oct 2015 18:07

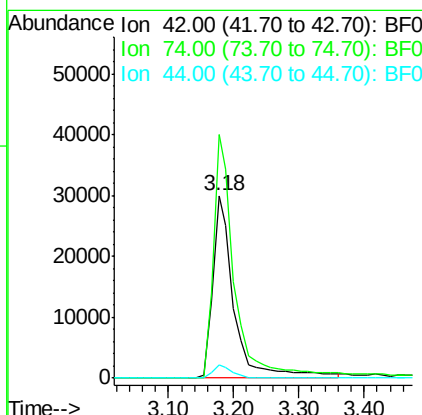
Instrument :
 BNA_F
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 MGP215BR-20-21MSD

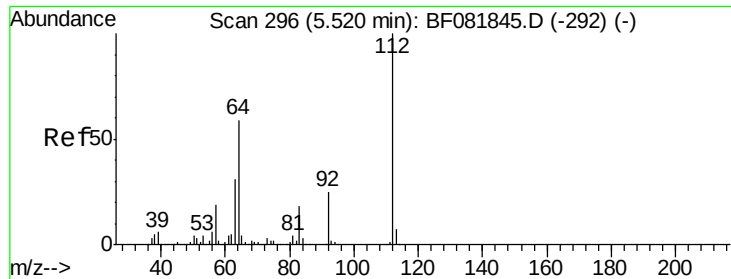
Tot Ion: 79 Resp: 153085
 Ion Ratio Lower Upper
 79 100
 52 78.7 76.8 115.2
 51 36.5 32.2 48.4



#4
 n-Nitrosodimethylamine
 Concen: 29.21 ng
 RT: 3.18 min Scan# 91
 Delta R.T. 0.06 min
 Lab File: BF082133.D
 Acq: 8 Oct 2015 18:07

Tgt Ion: 42 Resp: 69128
 Ion Ratio Lower Upper
 42 100
 74 133.4 105.0 157.6
 44 7.2 6.6 10.0





#5

2-Fluorophenol

Concen: 129.08 ng

RT: 5.46 min Scan# 291

Delta R.T. 0.01 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

Instrument :

BNA_F

ClientSampleId :

MGP215BR-20-21MSD

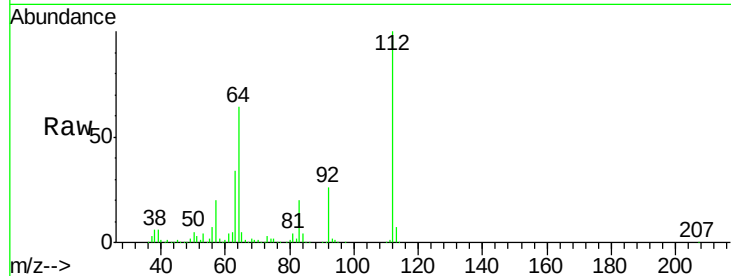
Tot Ion:112 Resp: 594051

Ion Ratio Lower Upper

112 100

64 63.7 39.7 59.5#

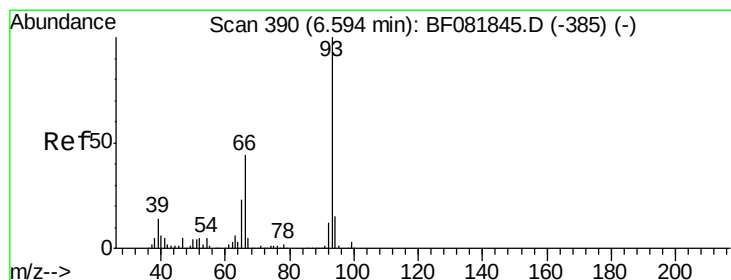
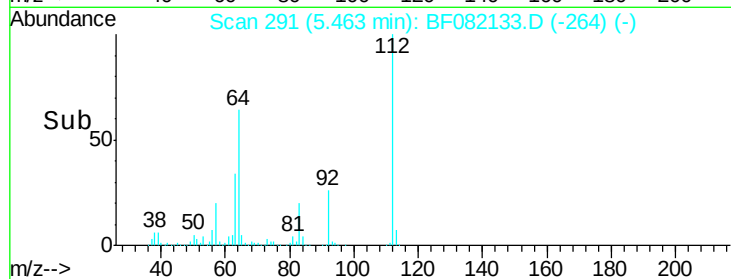
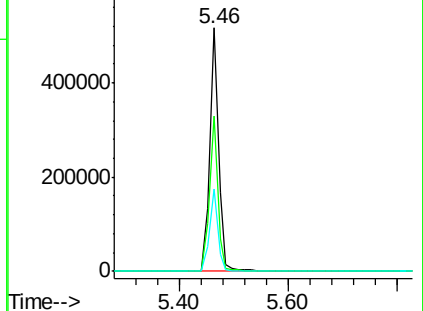
63 33.8 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 11.90 ng

RT: 6.53 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

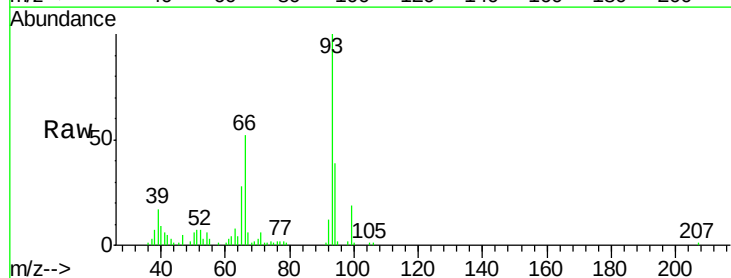
Tgt Ion: 93 Resp: 92613

Ion Ratio Lower Upper

93 100

66 51.9 27.2 40.8#

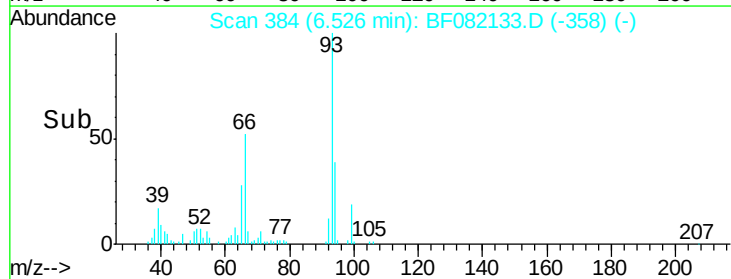
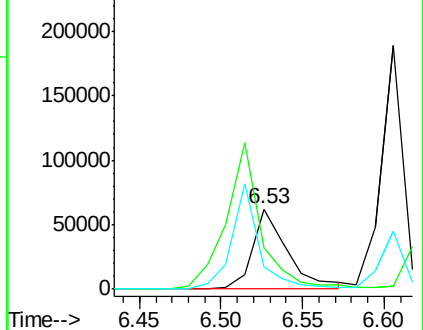
65 28.1 14.7 22.1#

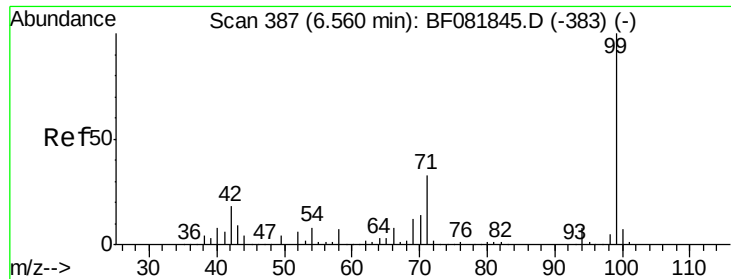


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 140.29 ng

RT: 6.50 min Scan# 382

Delta R.T. 0.01 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

Instrument :

BNA_F

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MGP215BR-20-21MSD

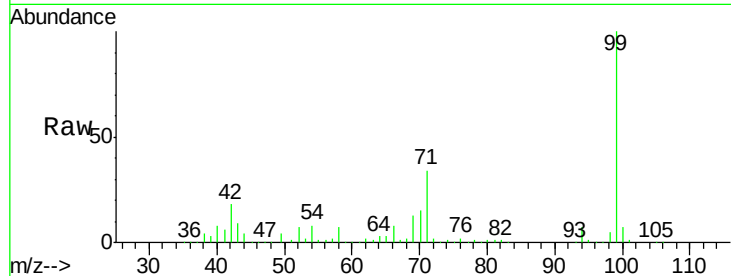
Tot Ion: 99 Resp: 812470

Ion Ratio Lower Upper

99 100

42 17.6 13.7 20.5

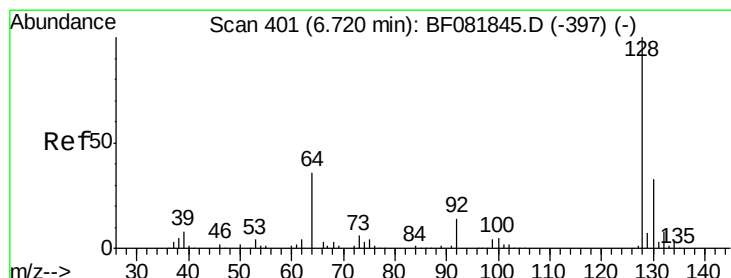
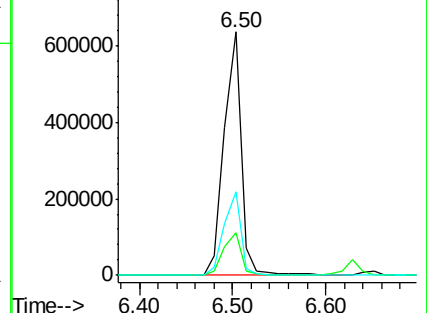
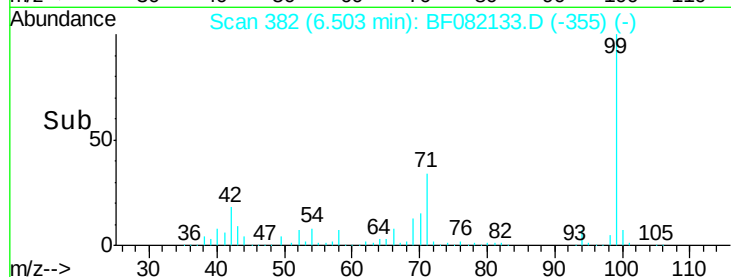
71 34.4 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 35.84 ng

RT: 6.65 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

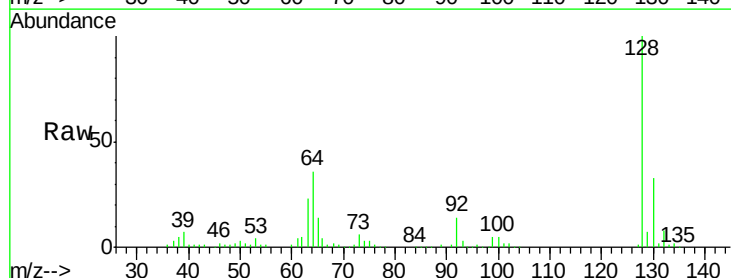
Tgt Ion:128 Resp: 182142

Ion Ratio Lower Upper

128 100

130 33.3 12.2 52.2

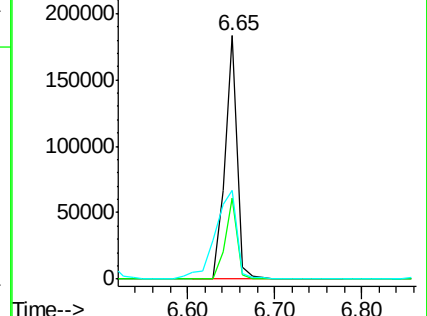
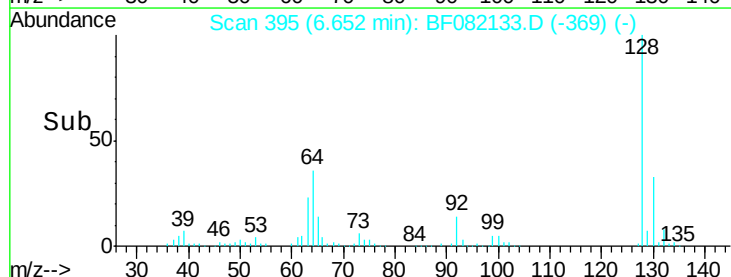
64 36.5 20.5 60.5

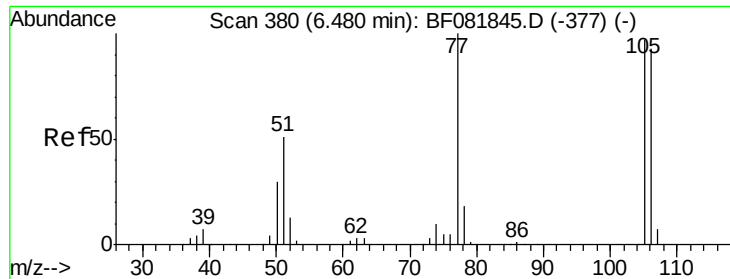


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

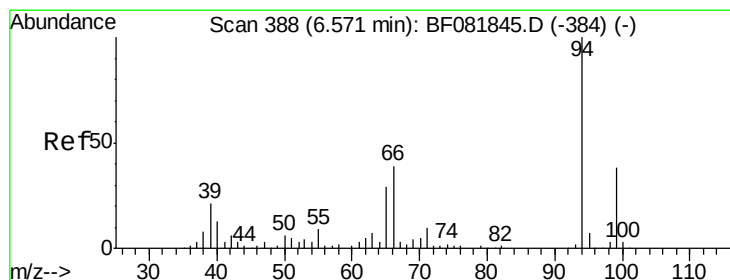
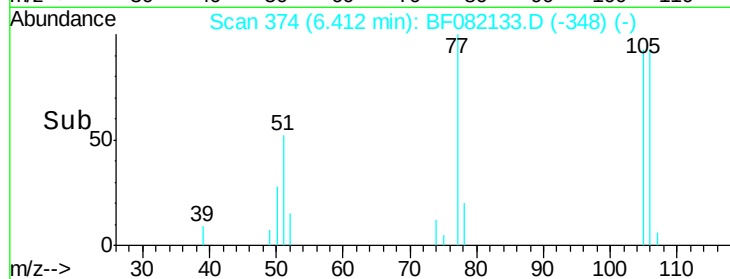
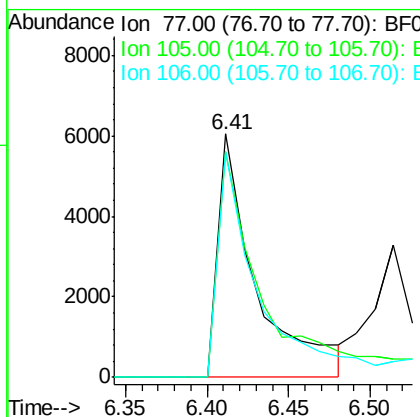
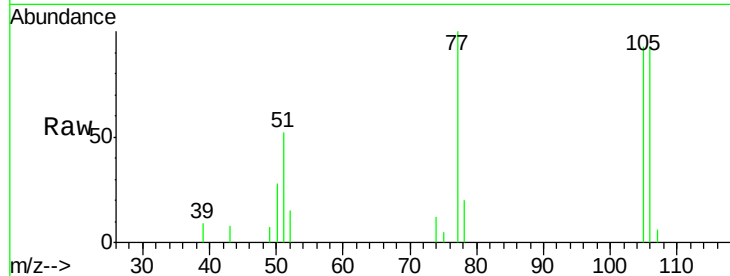




#9
Benzaldehyde
Concen: 2.60 ng
RT: 6.41 min Scan# 374
Delta R.T. 0.00 min
Lab File: BF082133.D
Acq: 8 Oct 2015 18:07

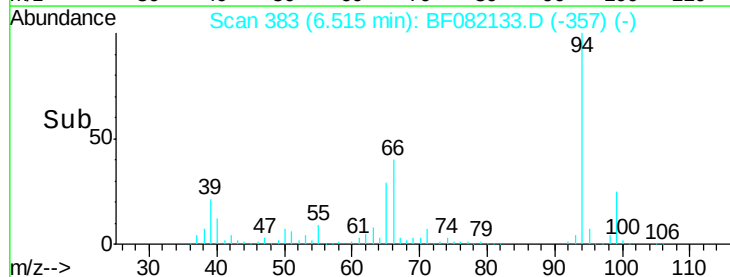
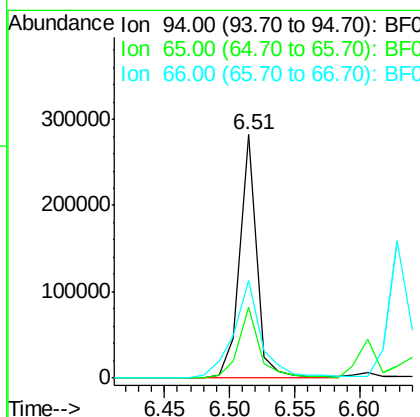
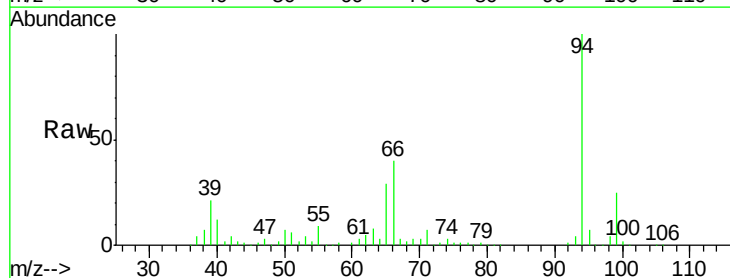
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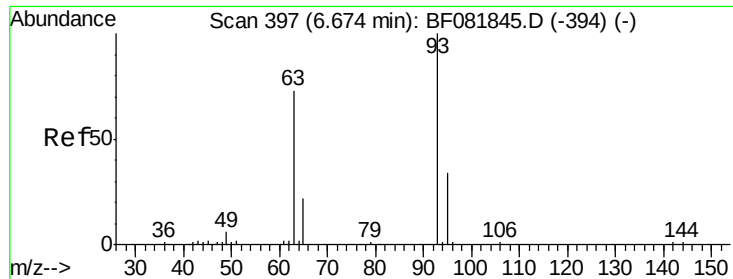
Tot Ion: 77 Resp: 9873
Ion Ratio Lower Upper
77 100
105 92.6 91.6 131.6
106 92.6 102.6 142.6#



#10
Phenol
Concen: 39.31 ng
RT: 6.51 min Scan# 383
Delta R.T. 0.00 min
Lab File: BF082133.D
Acq: 8 Oct 2015 18:07

Tgt Ion: 94 Resp: 255381
Ion Ratio Lower Upper
94 100
65 29.0 0.7 40.7
66 40.1 0.8 40.8

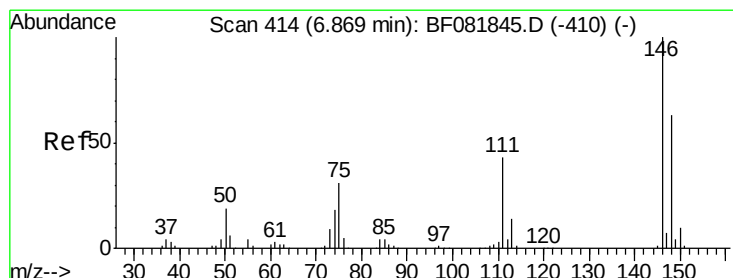
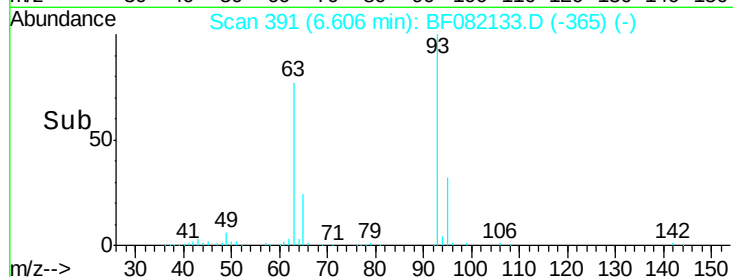
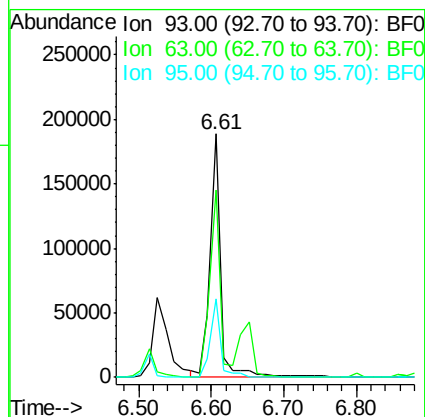
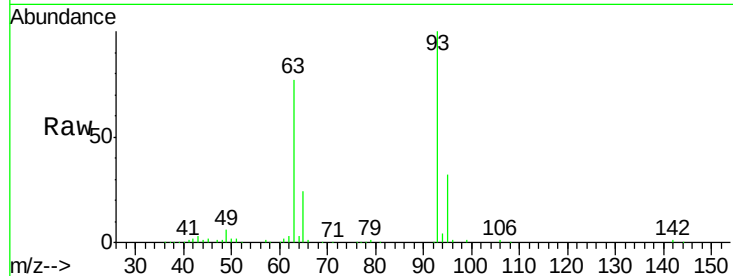




#11
bis(2-Chloroethyl)ether
Concen: 37.49 ng
RT: 6.61 min Scan# 391
Delta R.T. 0.00 min
Lab File: BF082133.D
Acq: 8 Oct 2015 18:07

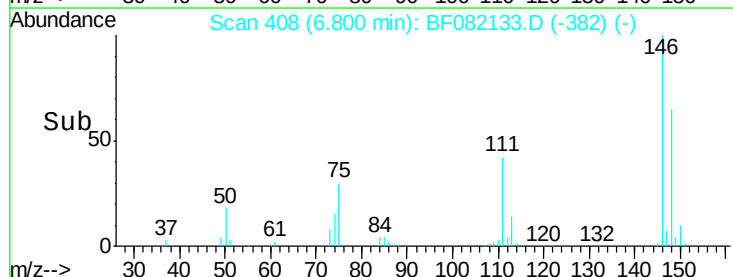
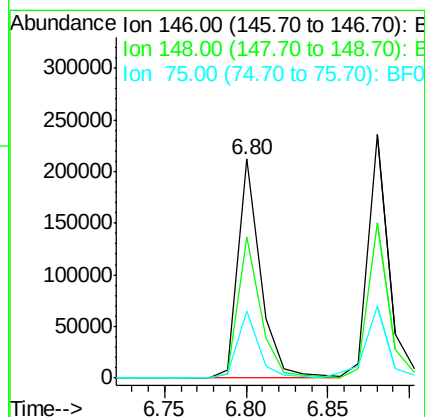
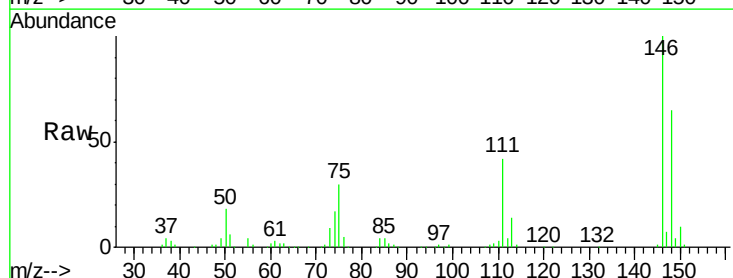
Instrument :
BNA_F
ClientSampleId :
MGP215BR-20-21MSD

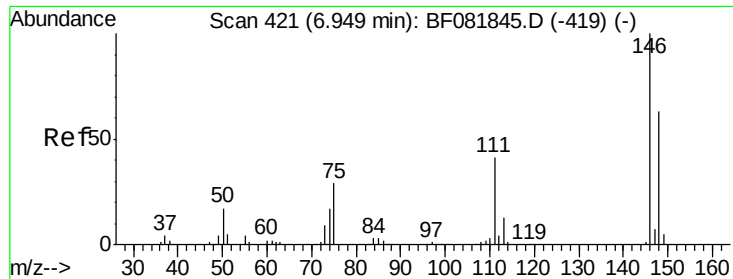
Tot Ion: 93 Resp: 188892
Ion Ratio Lower Upper
93 100
63 76.8 65.6 105.6
95 32.2 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 33.56 ng
RT: 6.80 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF082133.D
Acq: 8 Oct 2015 18:07

Tgt Ion: 146 Resp: 201500
Ion Ratio Lower Upper
146 100
148 64.5 51.0 76.4
75 30.5 15.0 22.6#

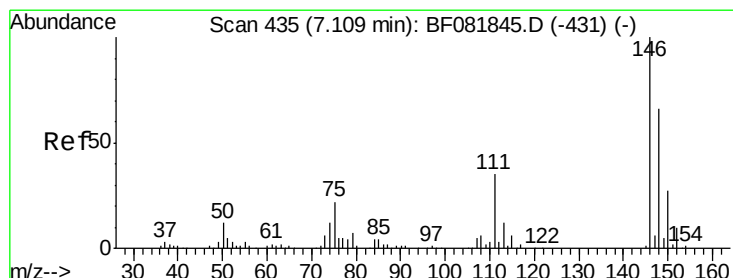
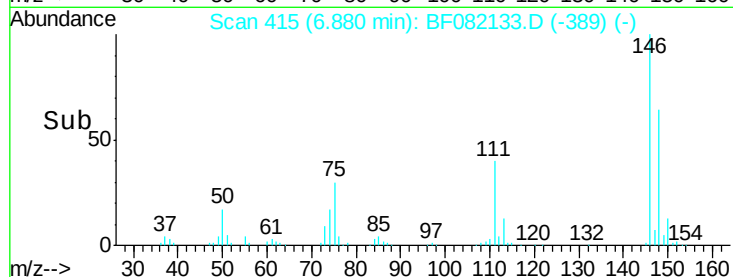
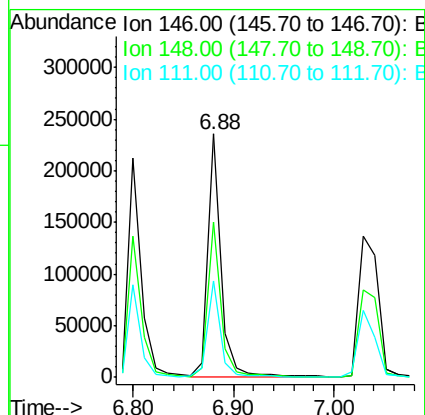
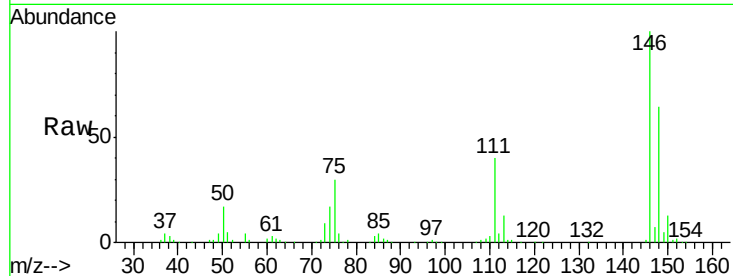




#13
 1,4-Dichlorobenzene
 Concen: 34.57 ng
 RT: 6.88 min Scan# 415
 Delta R.T. 0.00 min
 Lab File: BF082133.D
 Acq: 8 Oct 2015 18:07

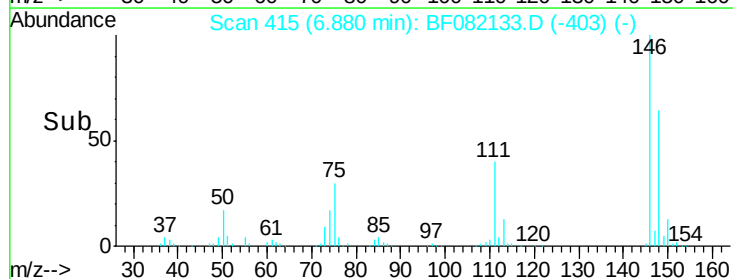
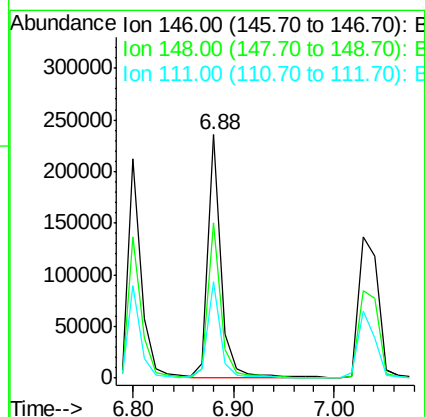
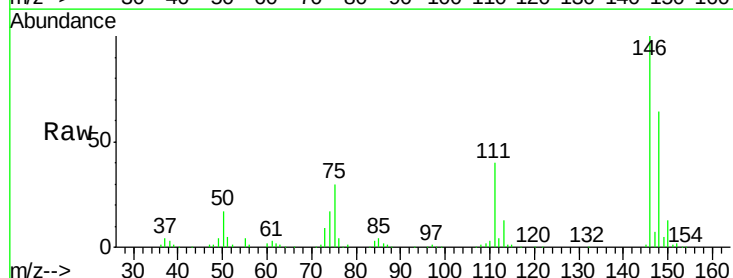
Instrument :
 BNA_F
 ClientSampleId :
 MGP215BR-20-21MSD

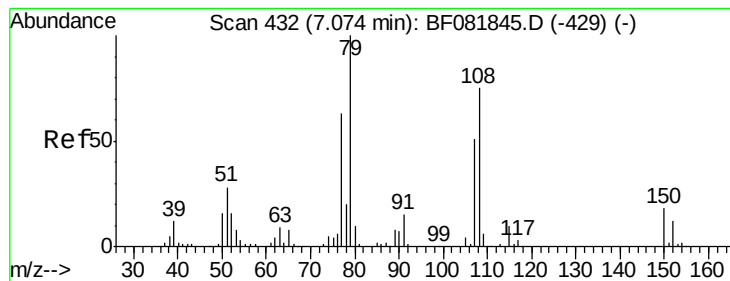
Tot Ion:146 Resp: 216713
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.8 77.6
 111 39.5 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 39.28 ng
 RT: 6.88 min Scan# 415
 Delta R.T. -0.16 min
 Lab File: BF082133.D
 Acq: 8 Oct 2015 18:07

Tgt Ion:146 Resp: 219388
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.7 79.1
 111 39.5 28.8 43.2





#15

Benzyl Alcohol

Concen: 33.57 ng

RT: 7.01 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

Instrument :

BNA_F

ClientSampleId :

MGP215BR-20-21MSD

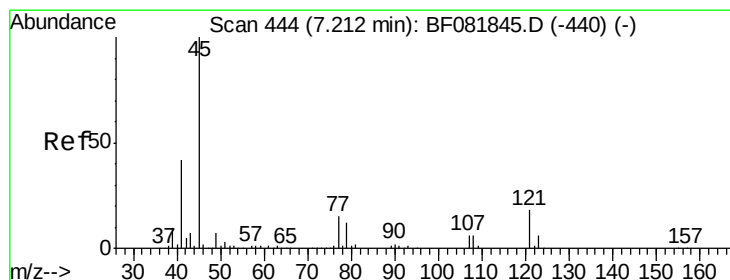
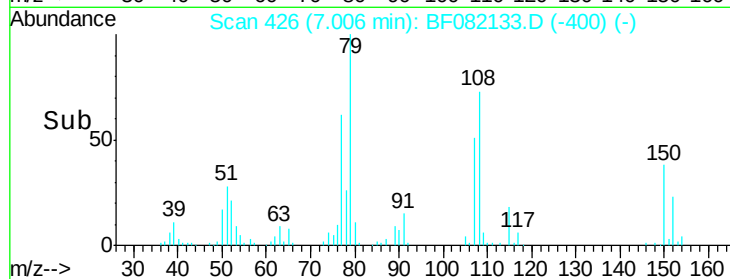
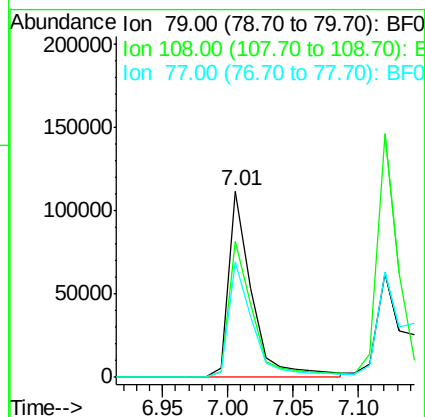
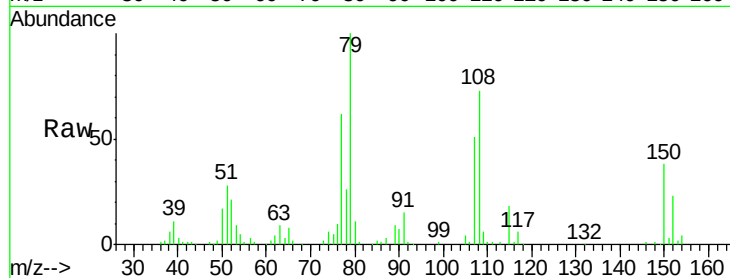
Tot Ion: 79 Resp: 140331

Ion Ratio Lower Upper

79 100

108 72.9 88.6 132.8#

77 61.9 47.0 70.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.19 ng

RT: 7.14 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

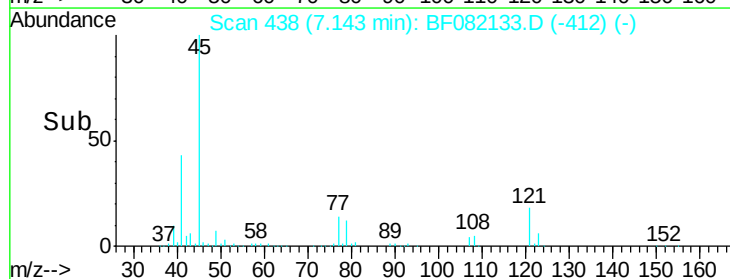
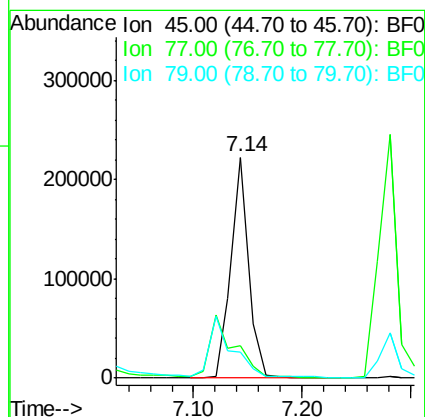
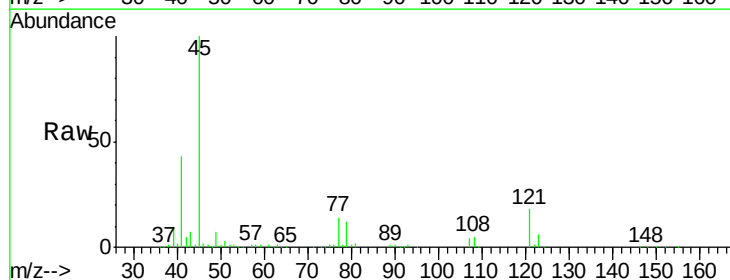
Tgt Ion: 45 Resp: 250600

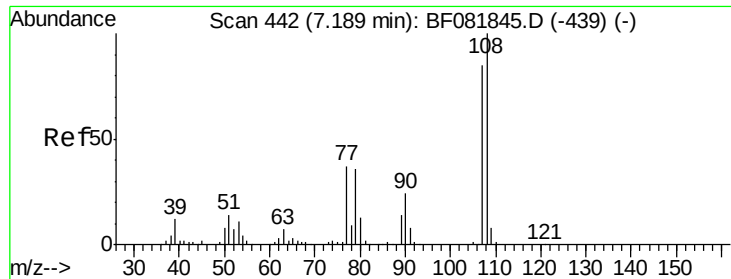
Ion Ratio Lower Upper

45 100

77 14.5 0.0 28.1

79 11.6 0.0 26.0





#17

2-Methylphenol

Concen: 35.38 ng

RT: 7.12 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

Instrument :

BNA_F

ClientSampleId :

MGP215BR-20-21MSD

Tot Ion:107 Resp: 145766

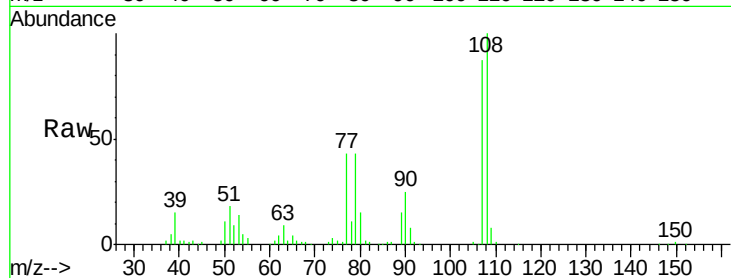
Ion Ratio Lower Upper

107 100

108 114.4 96.6 145.0

77 49.6 23.3 34.9#

79 48.9 22.0 33.0#

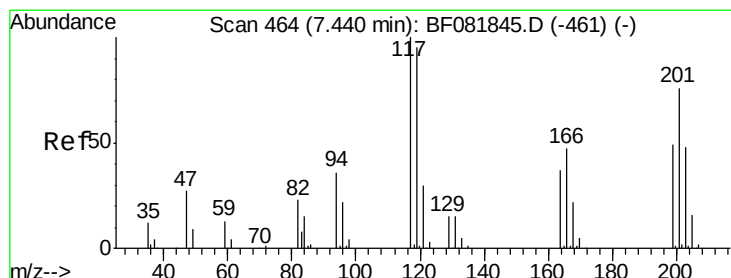
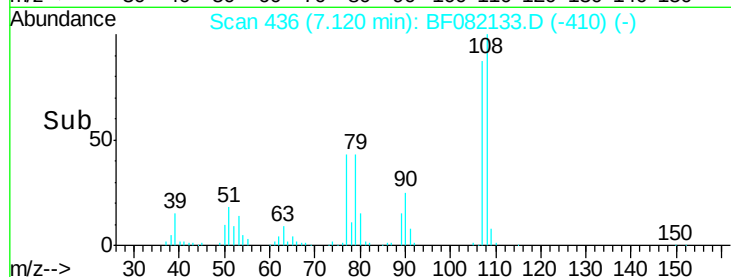
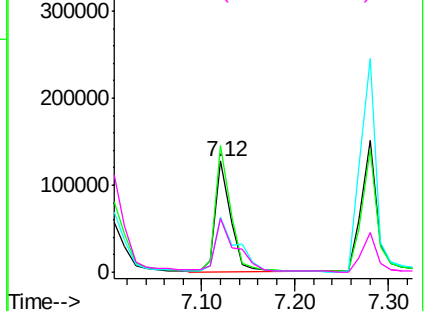


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 36.38 ng

RT: 7.37 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

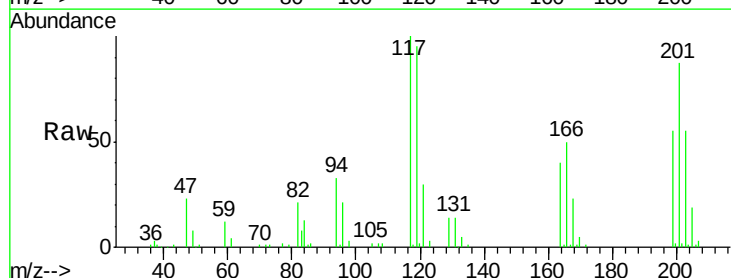
Tgt Ion:117 Resp: 71387

Ion Ratio Lower Upper

117 100

119 94.9 83.8 125.6

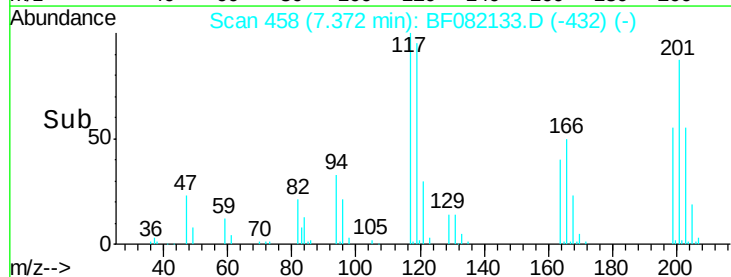
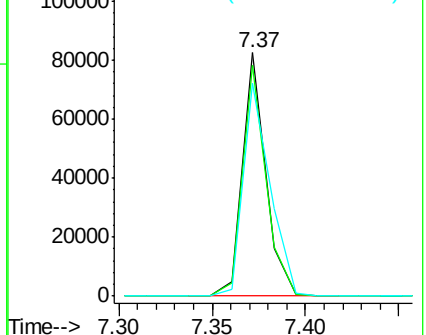
201 87.2 55.1 82.7#

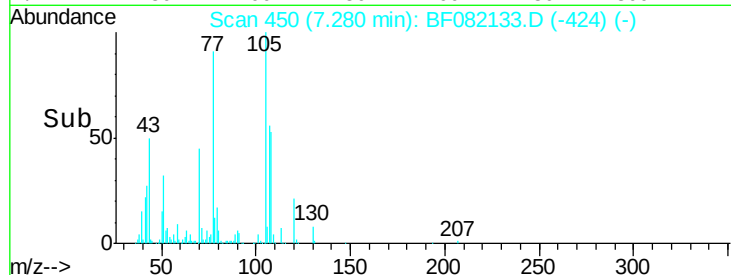
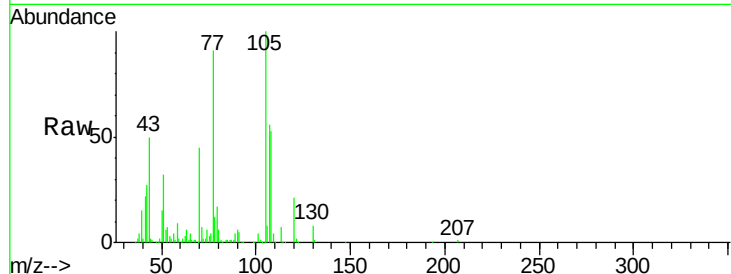
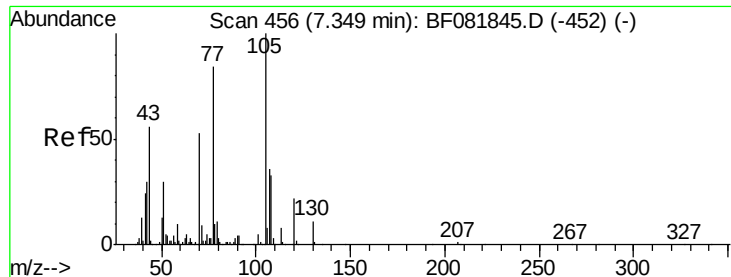


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

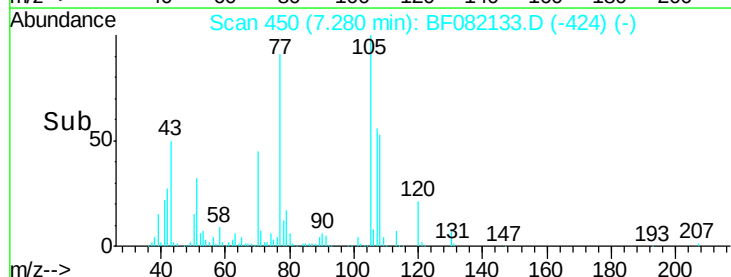
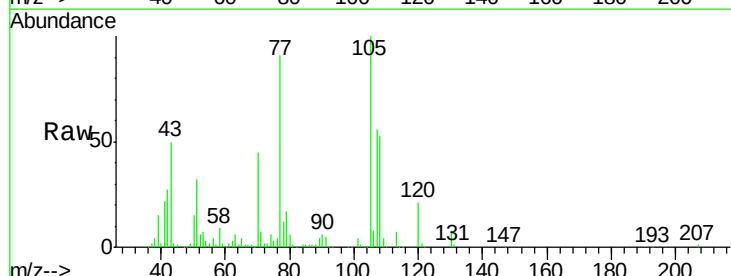
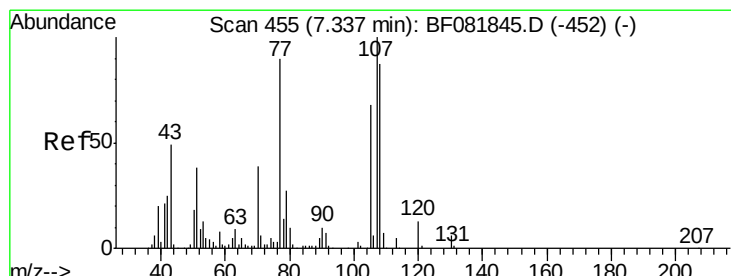
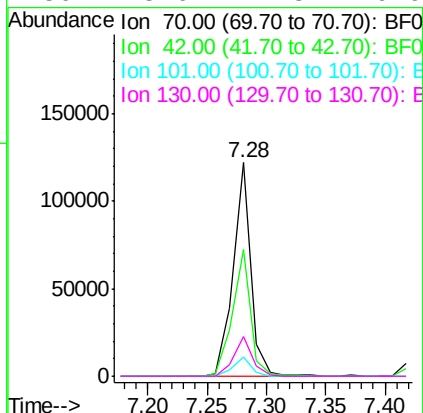




#19
n-Nitroso-di-n-propylamine
Concen: 35.99 ng
RT: 7.28 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF082133.D
Acq: 8 Oct 2015 18:07

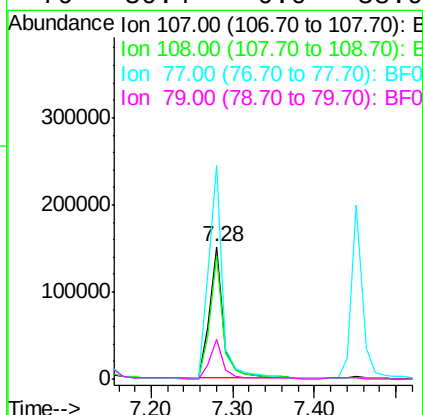
Instrument :
BNA_F
ClientSampleId :
MGP215BR-20-21MSD

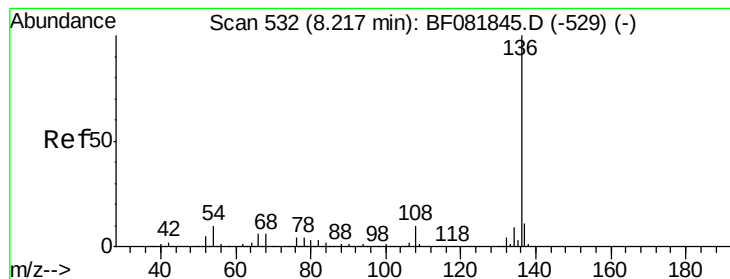
Tot Ion:	70	Resp:	126666
Ion	Ratio	Lower	Upper
70	100		
42	59.1	63.8	95.6#
101	8.9	9.2	13.8#
130	18.6	27.3	40.9#



#20
3+4-Methylphenols
Concen: 34.95 ng
RT: 7.28 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF082133.D
Acq: 8 Oct 2015 18:07

Tgt Ion:	107	Resp:	181875
Ion	Ratio	Lower	Upper
107	100		
108	93.3	74.6	114.6
77	162.0	0.7	40.7#
79	30.4	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

Instrument :

BNA_F

ClientSampleId :

MGP215BR-20-21MSD

Tot Ion:136 Resp: 334925

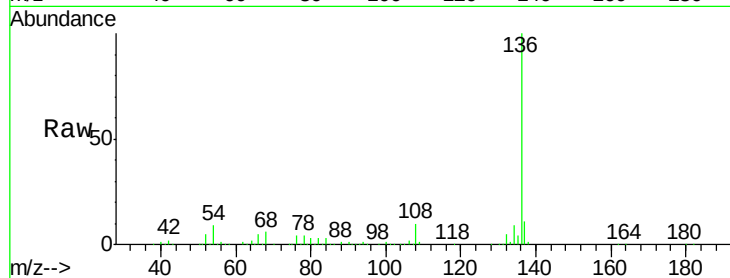
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 9.3 8.2 12.2

68 5.8 5.8 8.6

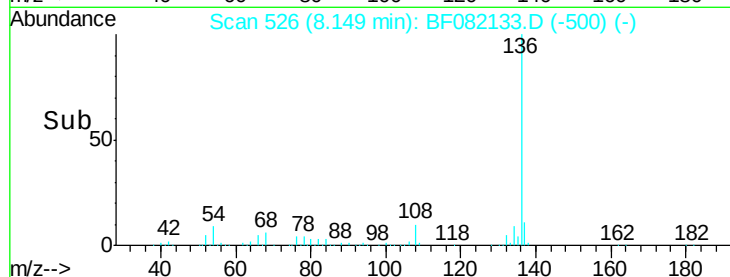


Abundance Ion 136.00 (135.70 to 136.70): E

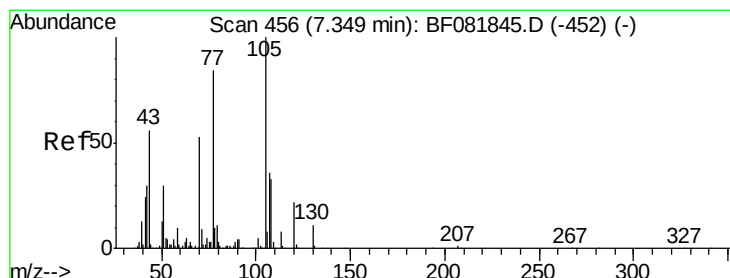
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.00 8.10 8.20 8.30 8.40



#22

Acetophenone

Concen: 46.39 ng

RT: 7.28 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

Tgt Ion:105 Resp: 317667

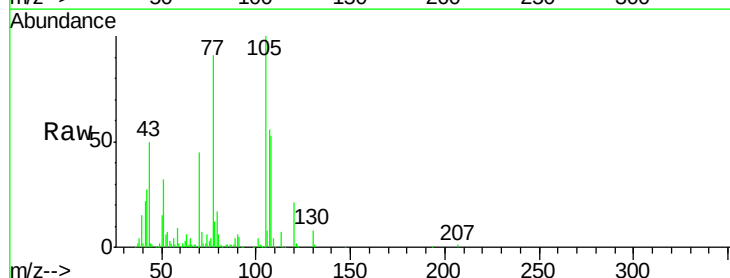
Ion Ratio Lower Upper

105 100

71 7.3 4.7 7.1#

51 31.6 22.0 33.0

120 20.9 30.1 45.1#

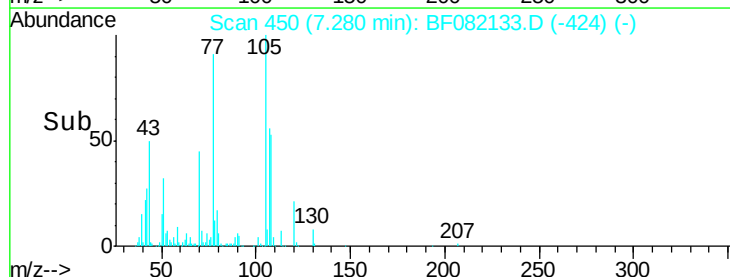


Abundance Ion 105.00 (104.70 to 105.70): E

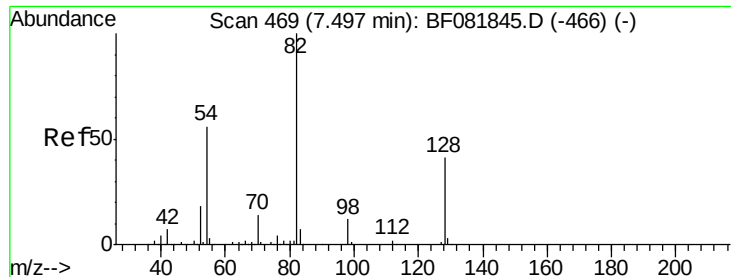
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



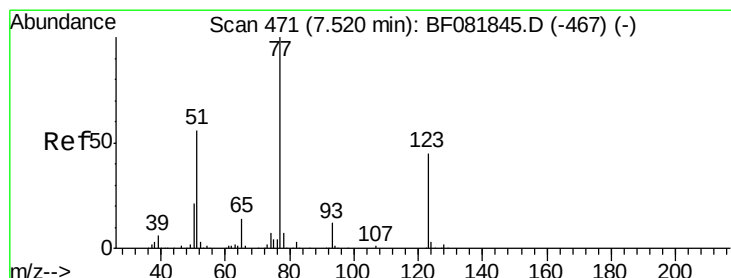
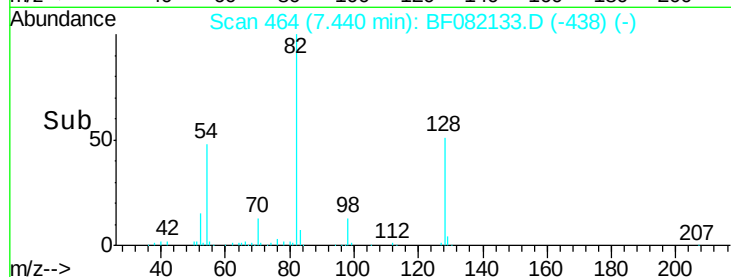
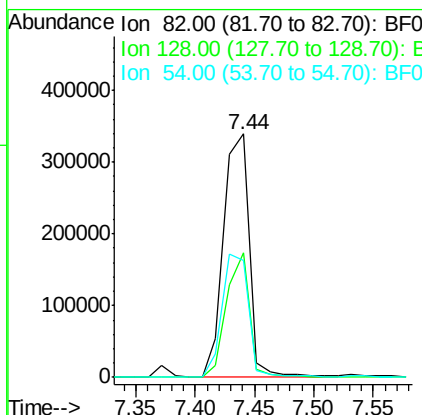
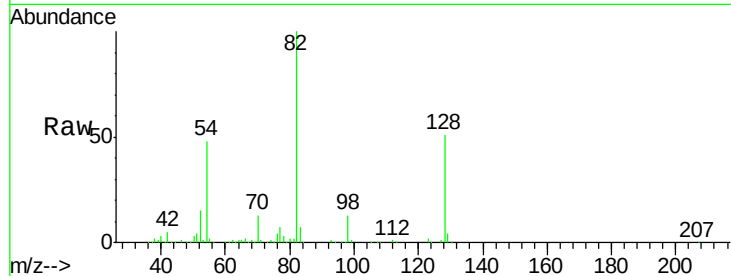
Time--> 7.20 7.30 7.40 7.50



#23
 Nitrobenzene-d5
 Concen: 102.21 ng
 RT: 7.44 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF082133.D
 Acq: 8 Oct 2015 18:07

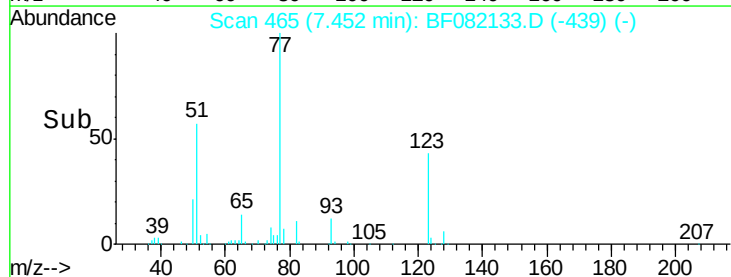
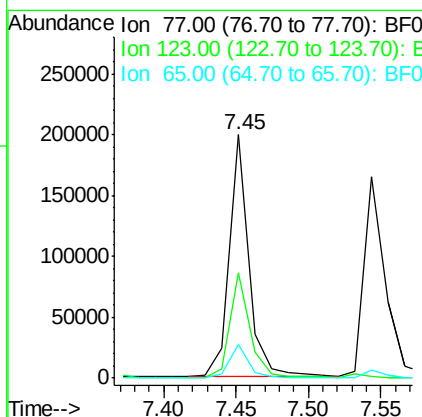
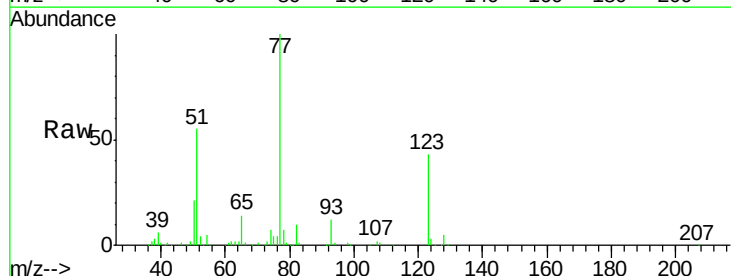
Instrument :
 BNA_F
 ClientSampleId :
 MGP215BR-20-21MSD

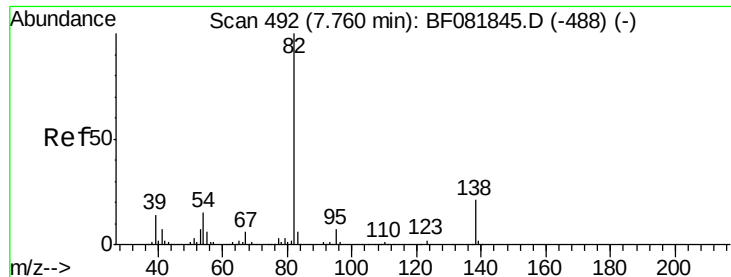
Tot Ion	82	Resp	513548
Ion Ratio	Lower	Upper	
82	100		
128	51.2	51.0	76.6
54	47.8	47.5	71.3



#24
 Nitrobenzene
 Concen: 34.12 ng
 RT: 7.45 min Scan# 465
 Delta R.T. 0.00 min
 Lab File: BF082133.D
 Acq: 8 Oct 2015 18:07

Tgt Ion	77	Resp	186165
Ion Ratio	Lower	Upper	
77	100		
123	43.2	59.8	89.8#
65	13.7	10.2	15.4





#25

Isophorone

Concen: 36.17 ng

RT: 7.69 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

Instrument :

BNA_F

ClientSampleId :

MGP215BR-20-21MSD

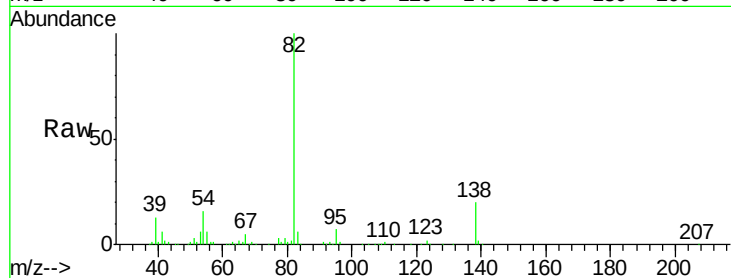
Tot Ion: 82 Resp: 360199

Ion Ratio Lower Upper

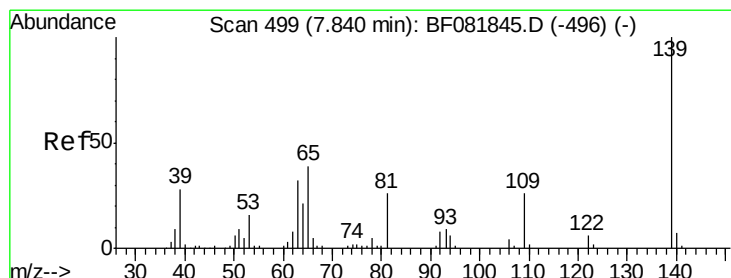
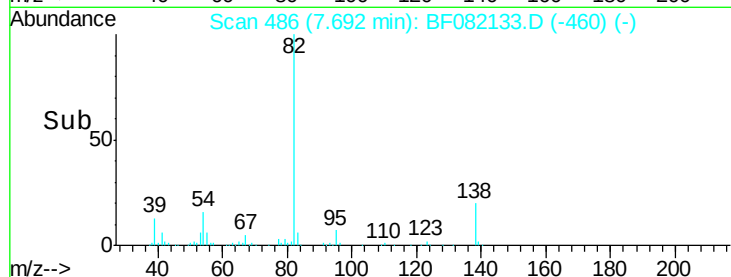
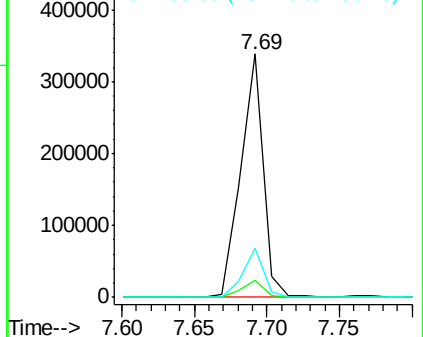
82 100

95 7.2 4.0 6.0#

138 20.0 18.3 27.5



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 38.98 ng

RT: 7.77 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

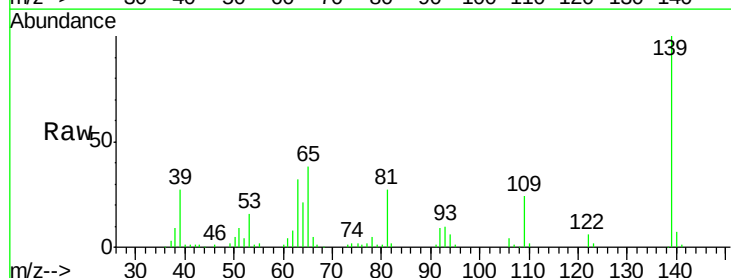
Tgt Ion: 139 Resp: 102084

Ion Ratio Lower Upper

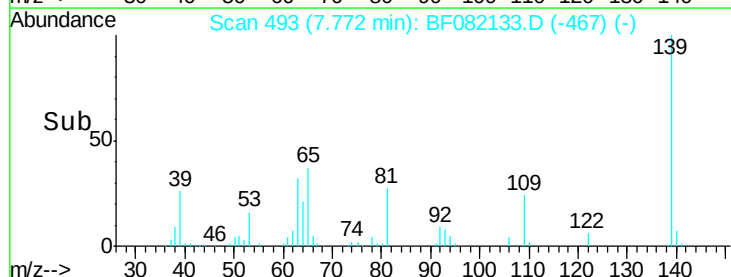
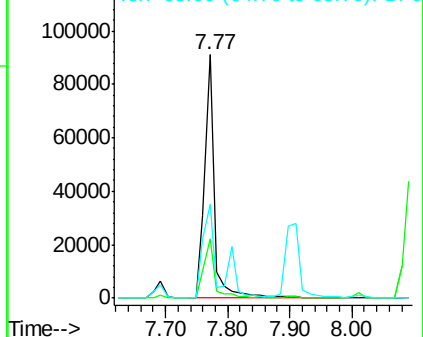
139 100

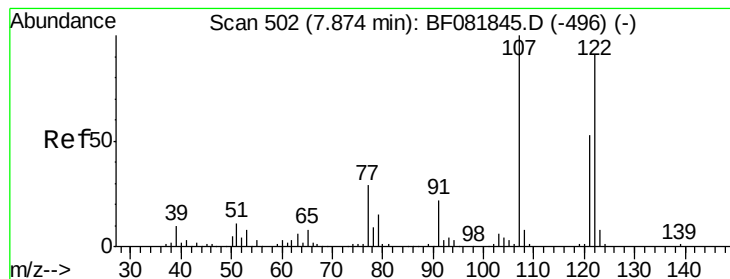
109 24.3 11.0 16.4#

65 38.4 24.7 37.1#



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 37.71 ng

RT: 7.81 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

Instrument :

BNA_F

ClientSampleId :

MGP215BR-20-21MSD

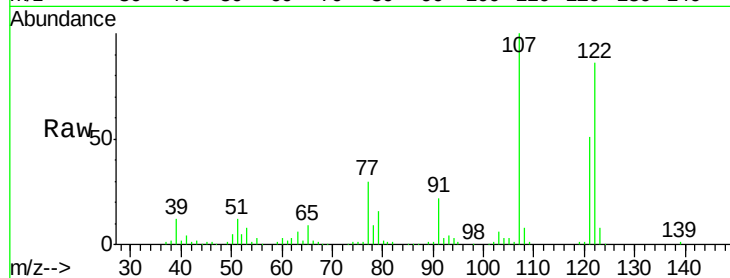
Tot Ion:122 Resp: 173727

Ion Ratio Lower Upper

122 100

107 116.3 71.8 107.6#

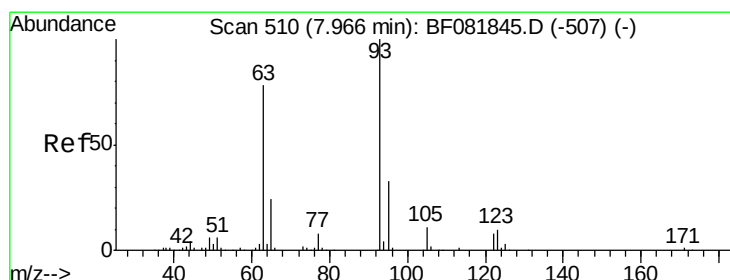
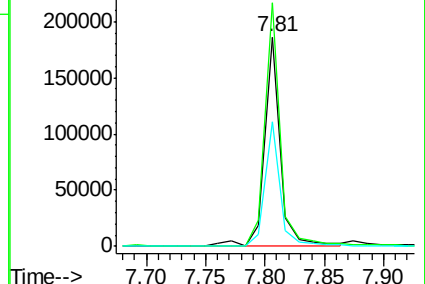
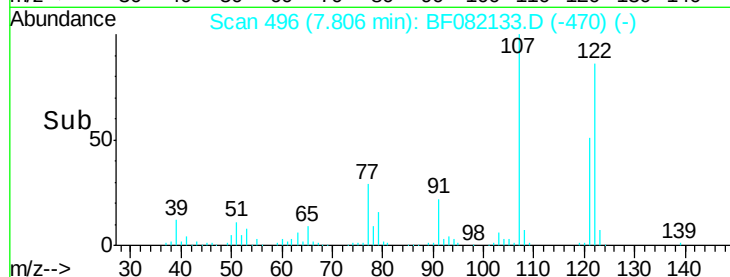
121 59.7 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.05 ng

RT: 7.91 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

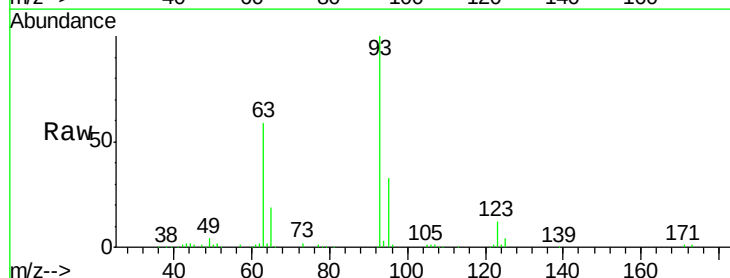
Tgt Ion: 93 Resp: 213194

Ion Ratio Lower Upper

93 100

95 32.6 27.5 41.3

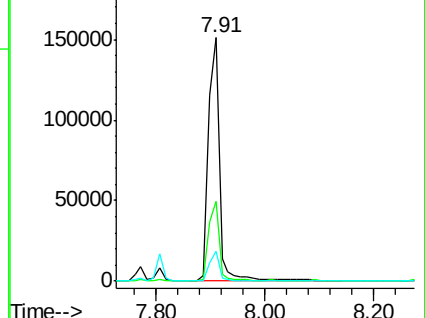
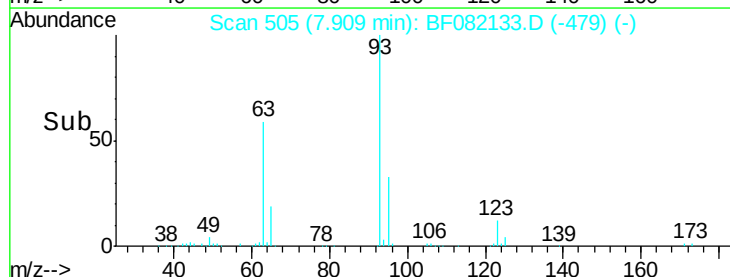
123 12.3 13.7 20.5#

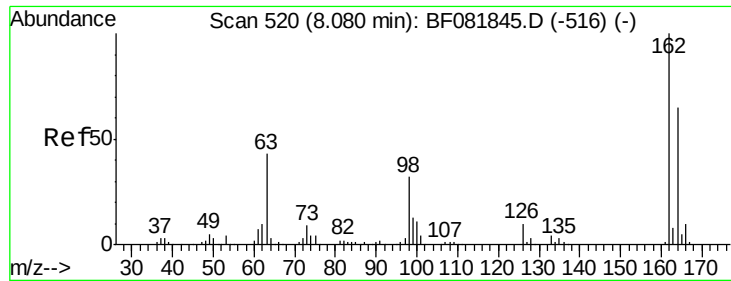


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

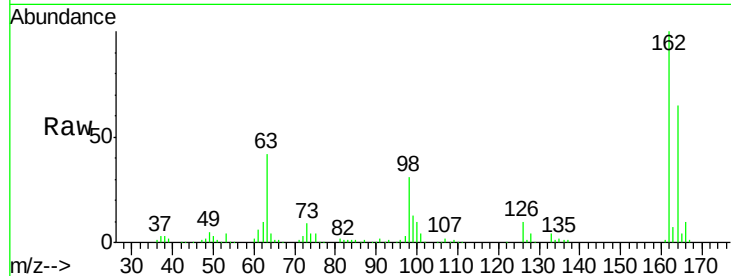




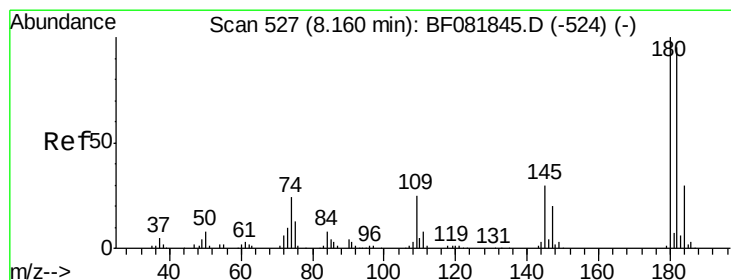
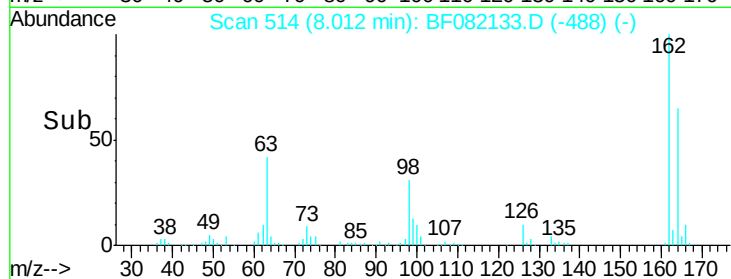
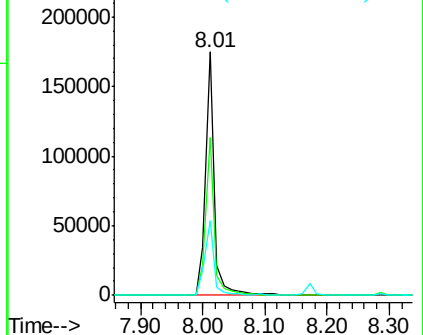
#29
 2,4-Dichlorophenol
 Concen: 39.26 ng
 RT: 8.01 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: BF082133.D
 Acq: 8 Oct 2015 18:07

Instrument :
 BNA_F
 ClientSampleId :
 MGP215BR-20-21MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.9	84.9
98	30.6	13.0	53.0

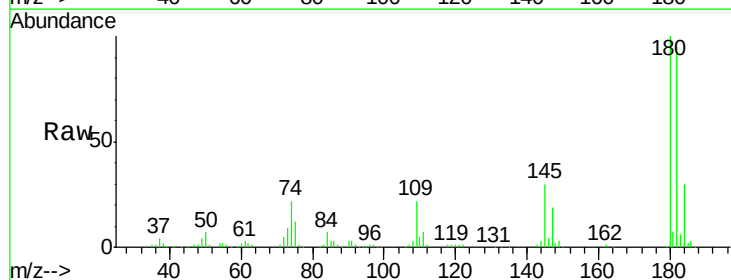


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

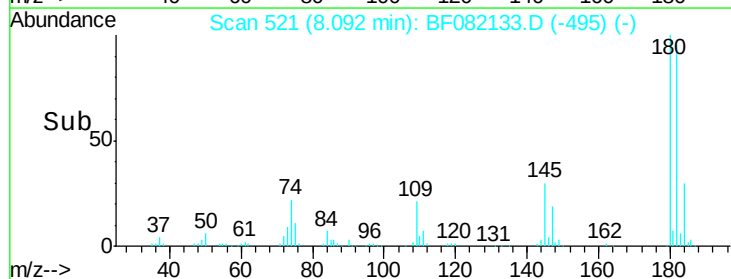
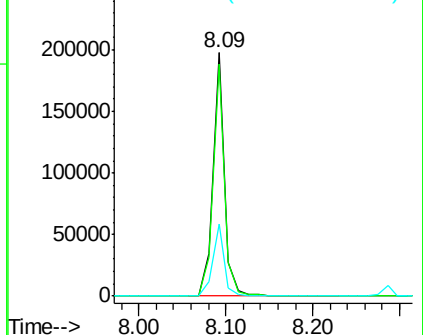


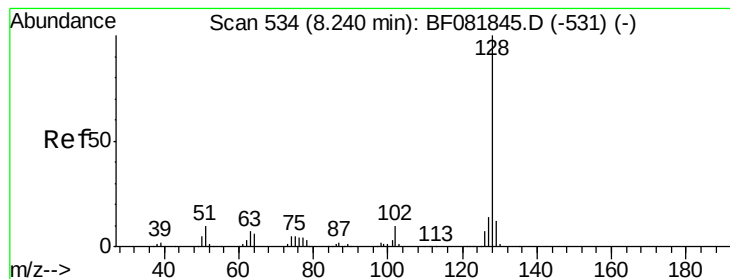
#30
 1,2,4-Trichlorobenzene
 Concen: 37.08 ng
 RT: 8.09 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: BF082133.D
 Acq: 8 Oct 2015 18:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.1	115.7
145	29.9	23.3	34.9



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: 36.01 ng

RT: 8.17 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

Instrument :

BNA_F

ClientSampleId :

MGP215BR-20-21MSD

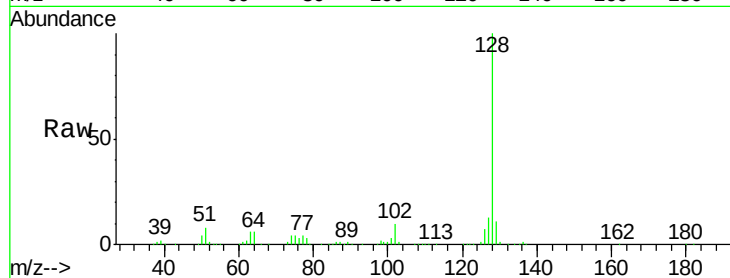
Tot Ion:128 Resp: 534371

Ion Ratio Lower Upper

128 100

129 11.4 8.4 12.6

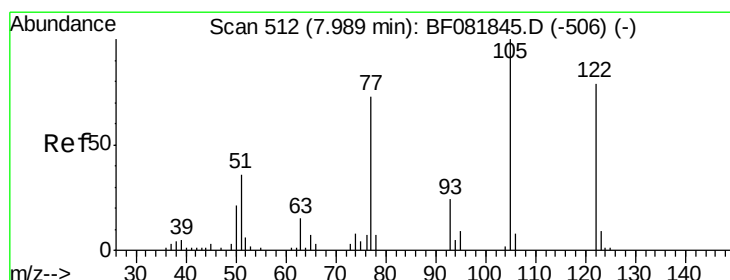
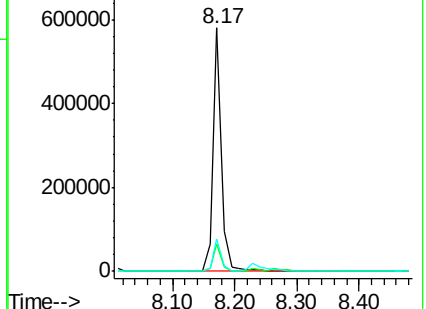
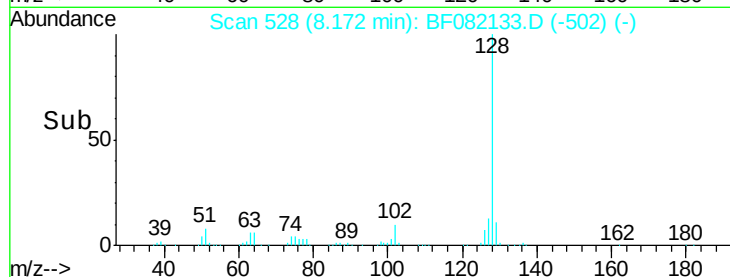
127 13.3 9.9 14.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 10.40 ng

RT: 7.87 min Scan# 502

Delta R.T. -0.06 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

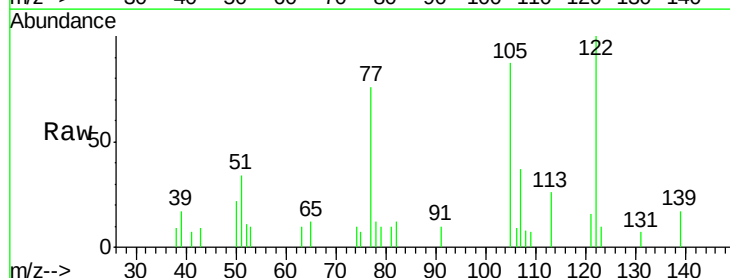
Tgt Ion:122 Resp: 9947

Ion Ratio Lower Upper

122 100

105 87.1 76.1 116.1

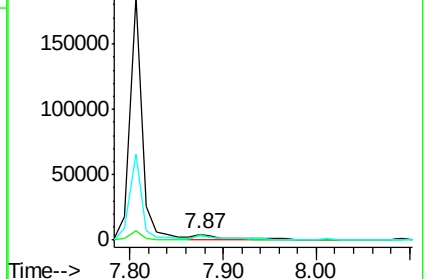
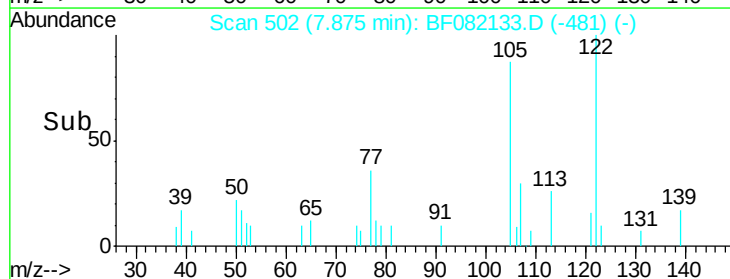
77 76.5 40.5 80.5

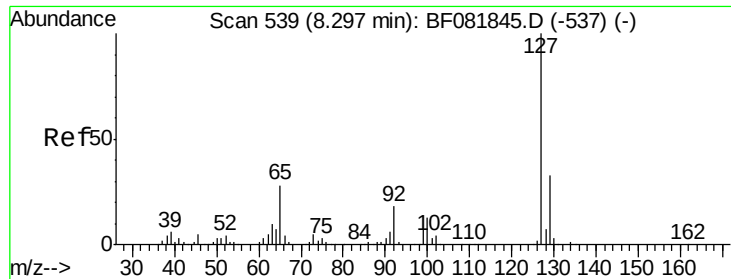


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

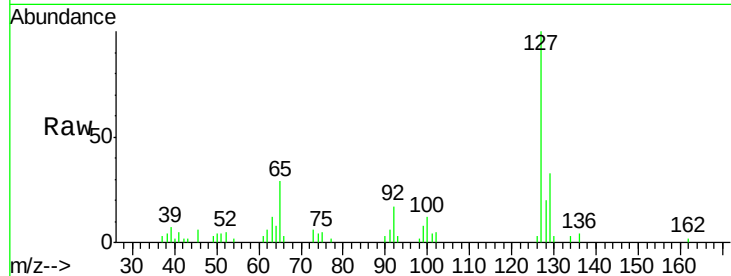




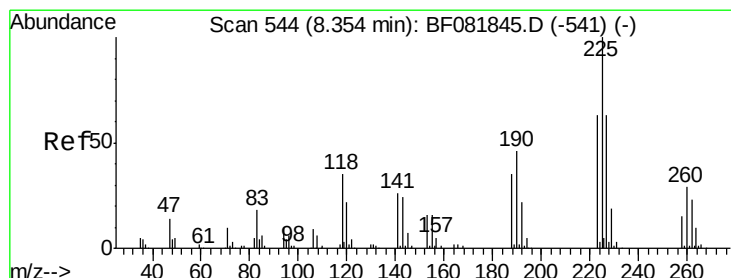
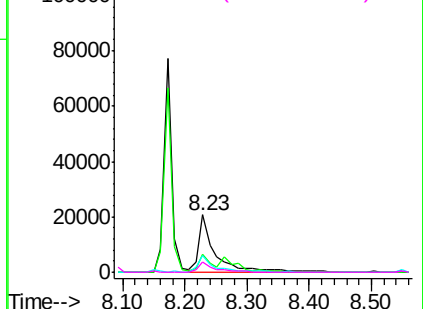
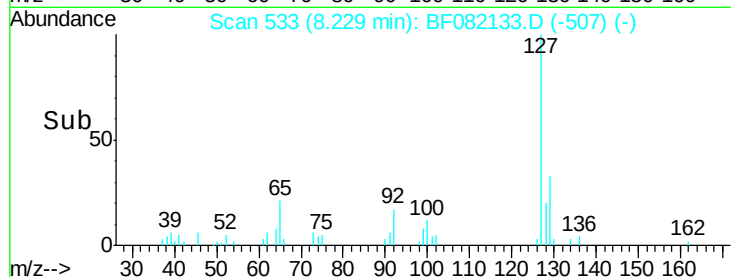
#33
4-Chloroaniline
Concen: 6.14 ng
RT: 8.23 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF082133.D
Acq: 8 Oct 2015 18:07

Instrument :
BNA_F
ClientSampleId :
MGP215BR-20-21MSD

Tot Ion:127 Resp: 39411
Ion Ratio Lower Upper
127 100
129 32.5 25.8 38.6
65 28.8 17.9 26.9#
92 17.4 10.5 15.7#

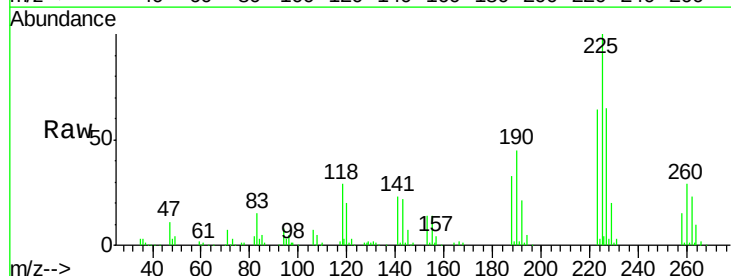


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

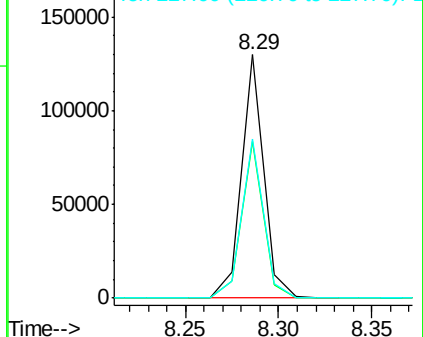
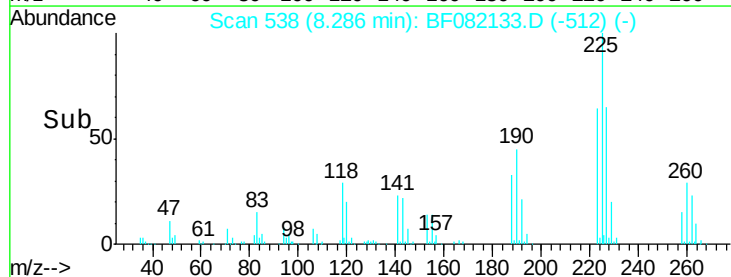


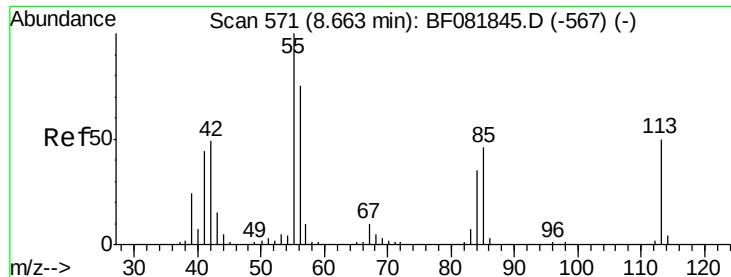
#34
Hexachlorobutadiene
Concen: 36.60 ng
RT: 8.29 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF082133.D
Acq: 8 Oct 2015 18:07

Tgt Ion:225 Resp: 107964
Ion Ratio Lower Upper
225 100
223 64.4 50.2 75.2
227 65.2 52.2 78.2



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





#35

Caprolactam

Concen: 34.40 ng

RT: 8.59 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

Instrument :

BNA_F

ClientSampleId :

MGP215BR-20-21MSD

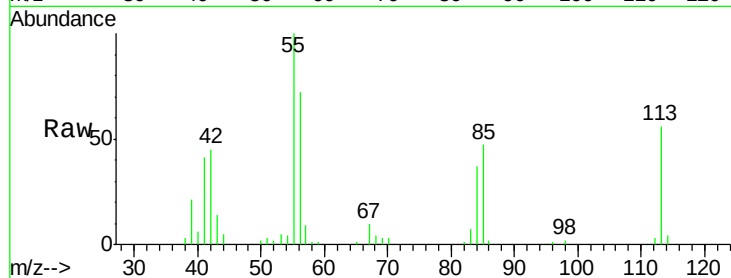
Tot Ion:113 Resp: 42542

Ion Ratio Lower Upper

113 100

55 178.7 152.4 192.4

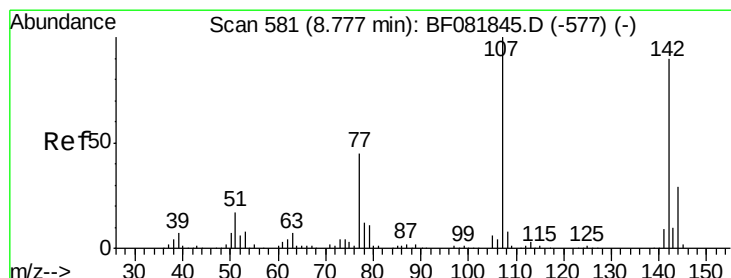
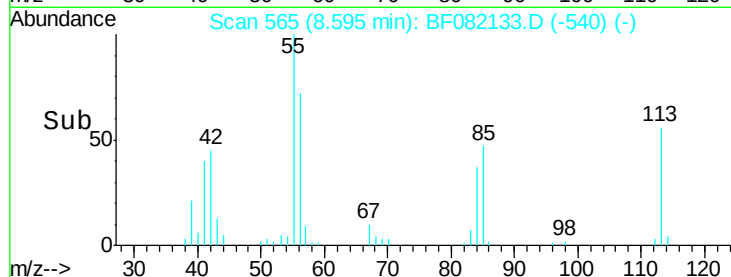
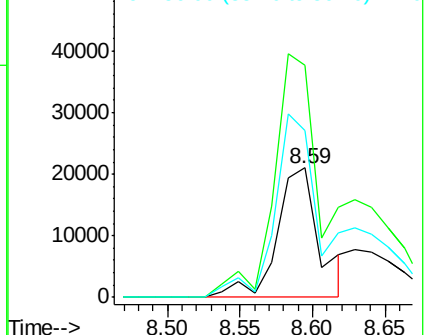
56 128.5 104.6 144.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.06 ng

RT: 8.71 min Scan# 575

Delta R.T. 0.00 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

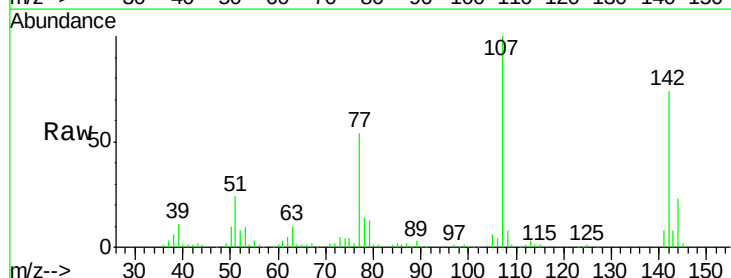
Tgt Ion:107 Resp: 161874

Ion Ratio Lower Upper

107 100

144 23.4 25.4 38.0#

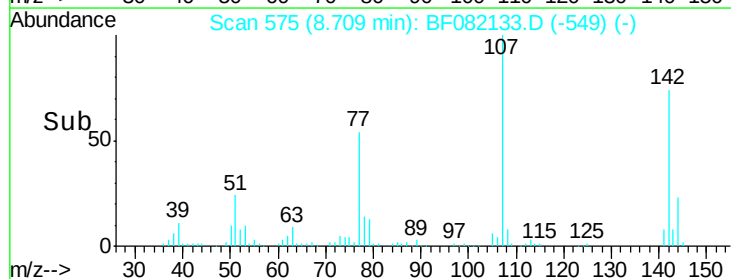
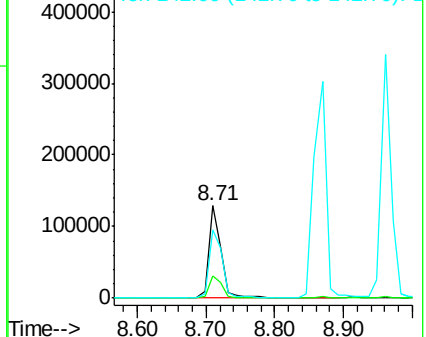
142 74.4 77.3 115.9#

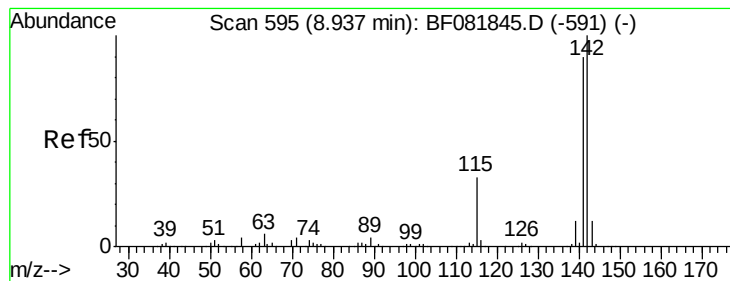


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 35.90 ng

RT: 8.87 min Scan# 589

Delta R.T. 0.00 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

Instrument :

BNA_F

ClientSampleId :

MGP215BR-20-21MSD

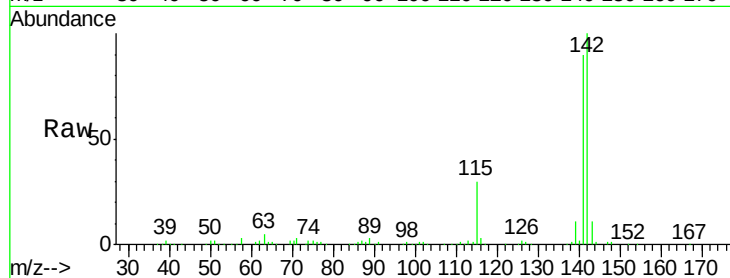
Tot Ion:142 Resp: 363692

Ion Ratio Lower Upper

142 100

141 90.2 67.5 101.3

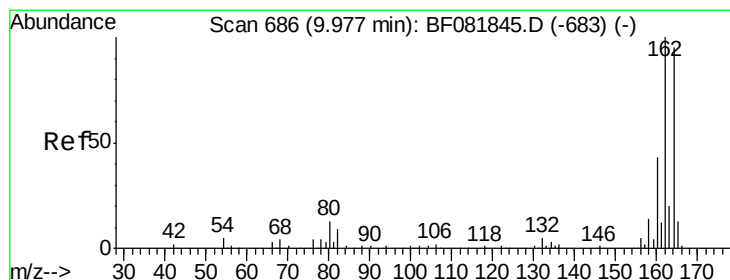
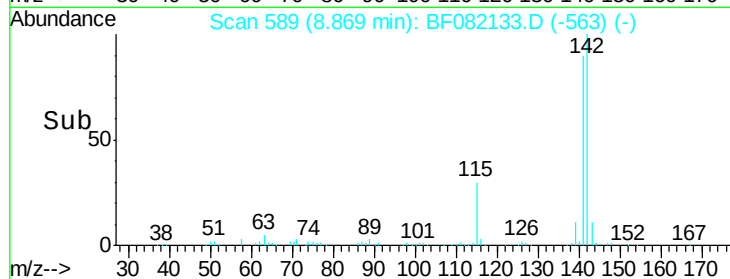
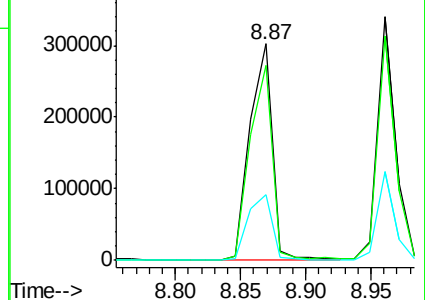
115 30.1 18.2 27.2#



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

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.91 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

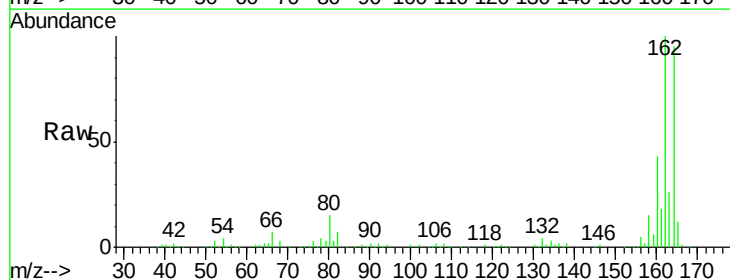
Tgt Ion:164 Resp: 177091

Ion Ratio Lower Upper

164 100

162 105.1 75.2 112.8

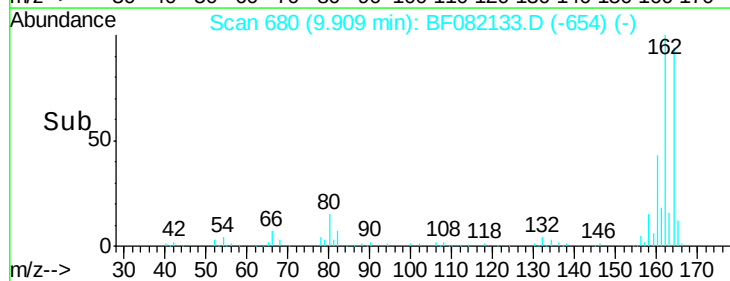
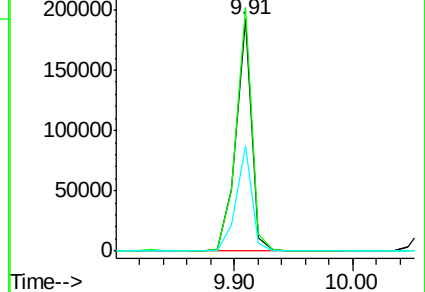
160 45.7 31.5 47.3

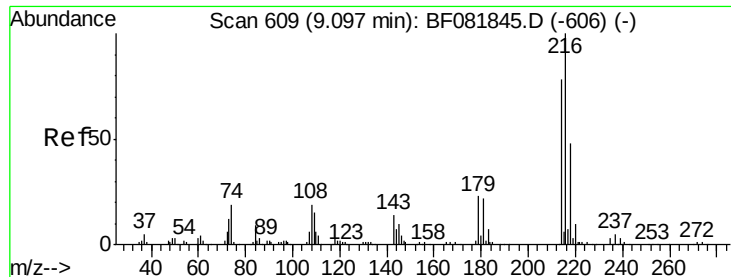


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

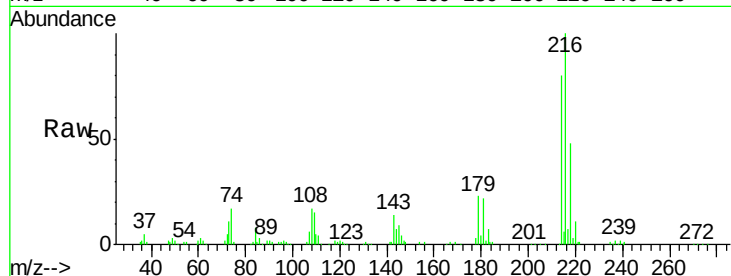




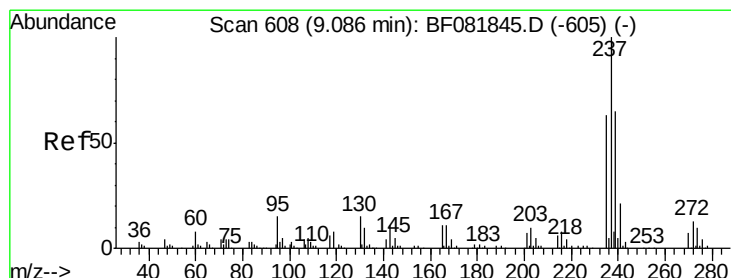
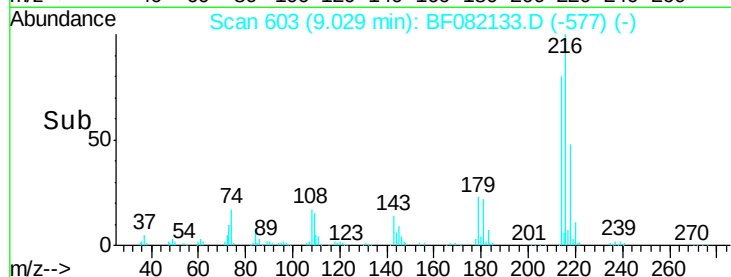
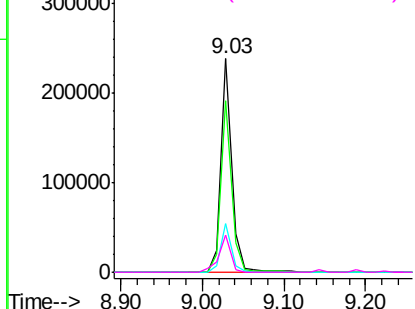
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.31 ng
 RT: 9.03 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF082133.D
 Acq: 8 Oct 2015 18:07

Instrument :
 BNA_F
 ClientSampleId :
 MGP215BR-20-21MSD

Tot Ion:216	Resp:	219136
Ion Ratio	Lower	Upper
216	100	
214	79.6	63.5 95.3
179	21.8	16.6 24.8
108	19.0	16.3 24.5

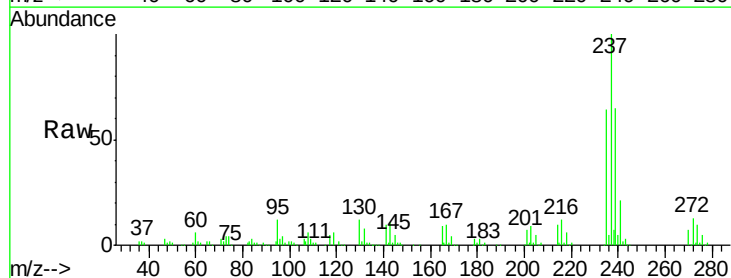


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

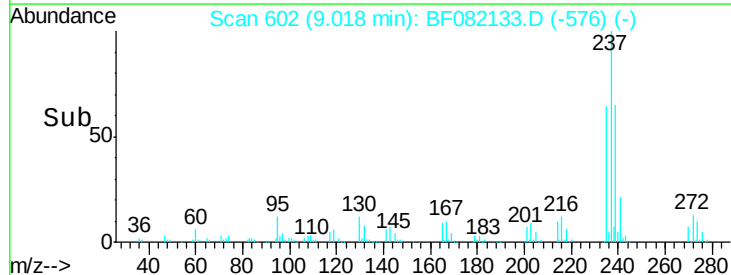
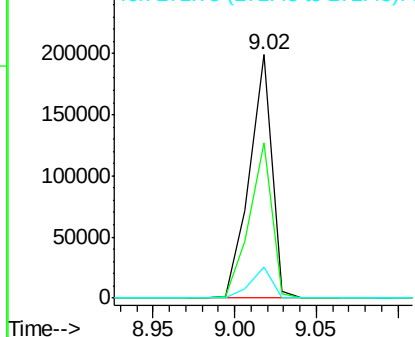


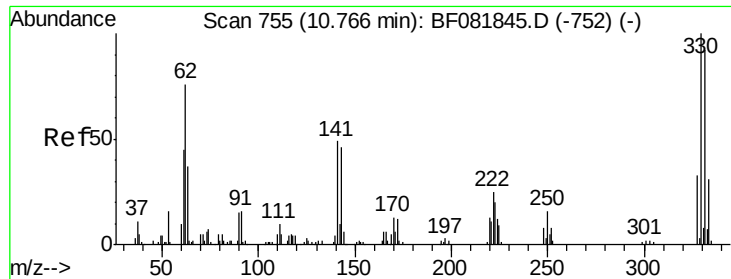
#40
 Hexachlorocyclopentadiene
 Concen: 68.24 ng
 RT: 9.02 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF082133.D
 Acq: 8 Oct 2015 18:07

Tgt Ion:237	Resp:	191059
Ion Ratio	Lower	Upper
237	100	
235	63.7	42.0 82.0
272	12.6	0.0 36.1



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

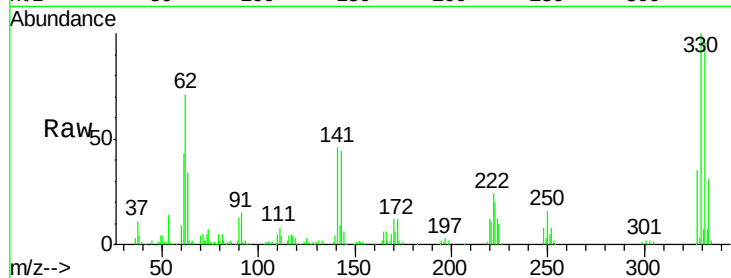




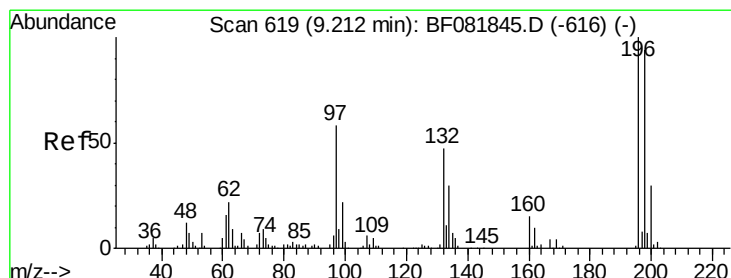
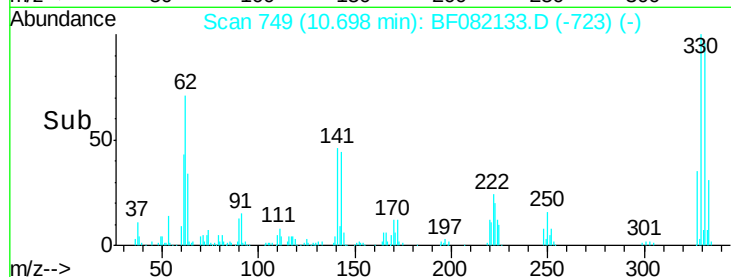
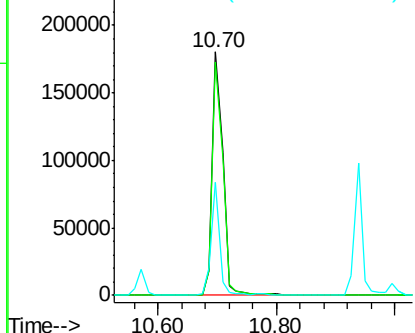
#41
 2,4,6-Tribromophenol
 Concen: 124.95 ng
 RT: 10.70 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF082133.D
 Acq: 8 Oct 2015 18:07

Instrument :
 BNA_F
 ClientSampleId :
 MGP215BR-20-21MSD

Tot Ion:330 Resp: 224105
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 114.8
 141 36.3 29.7 44.5

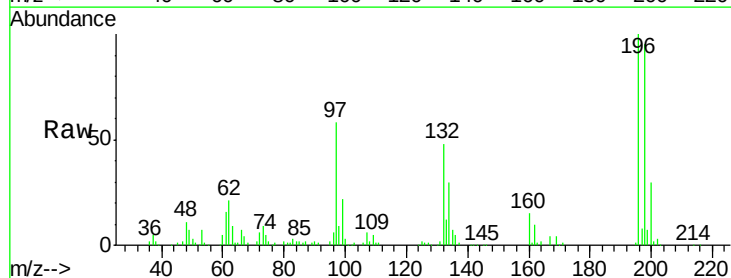


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

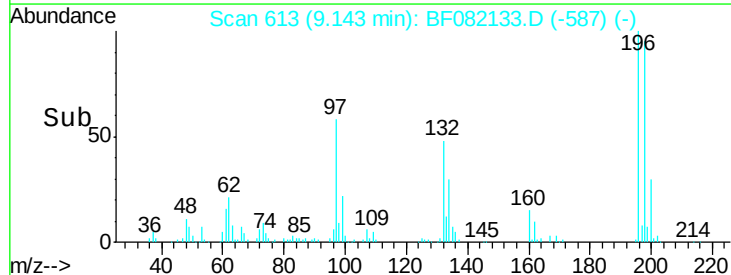
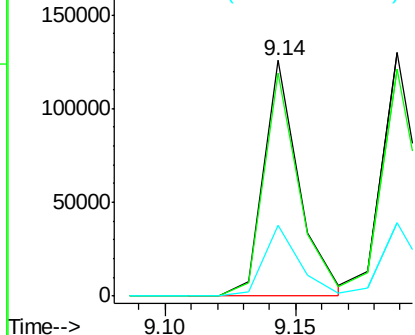


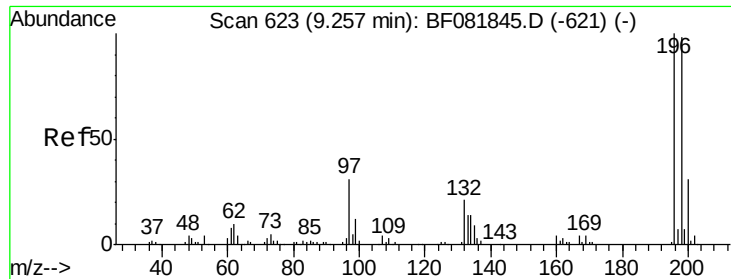
#42
 2,4,6-Trichlorophenol
 Concen: 31.85 ng
 RT: 9.14 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF082133.D
 Acq: 8 Oct 2015 18:07

Tgt Ion:196 Resp: 118722
 Ion Ratio Lower Upper
 196 100
 198 94.8 75.7 113.5
 200 30.0 23.9 35.9



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

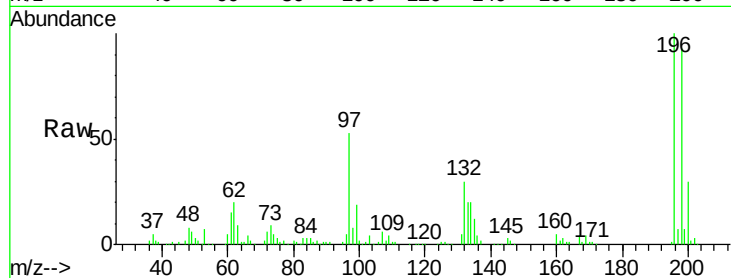




#43
 2,4,5-Trichlorophenol
 Concen: 35.30 ng
 RT: 9.19 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF082133.D
 Acq: 8 Oct 2015 18:07

Instrument :
 BNA_F
 ClientSampleId :
 MGP215BR-20-21MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.2	75.4	113.0
97	53.0	33.3	49.9
132	30.4	24.6	37.0



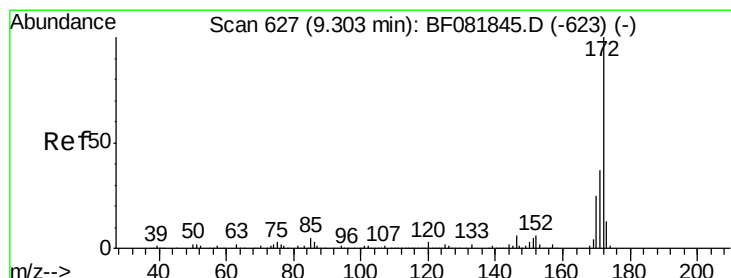
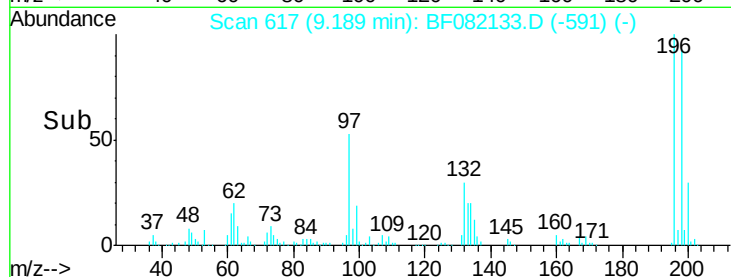
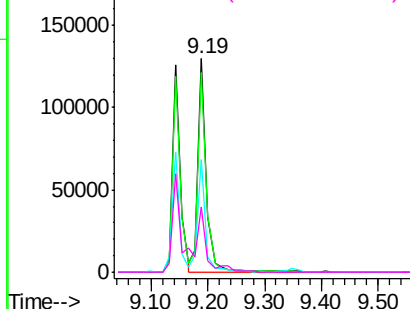
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

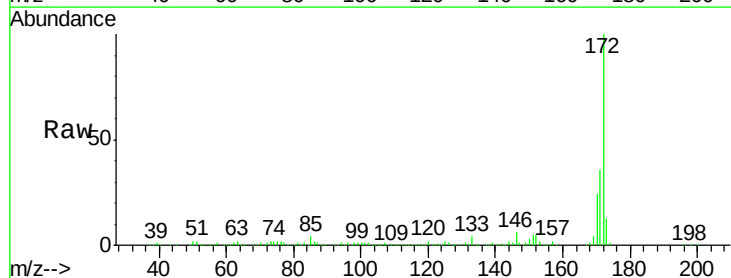
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 92.95 ng
 RT: 9.23 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF082133.D
 Acq: 8 Oct 2015 18:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	26.1	39.1
170	24.5	17.4	26.2

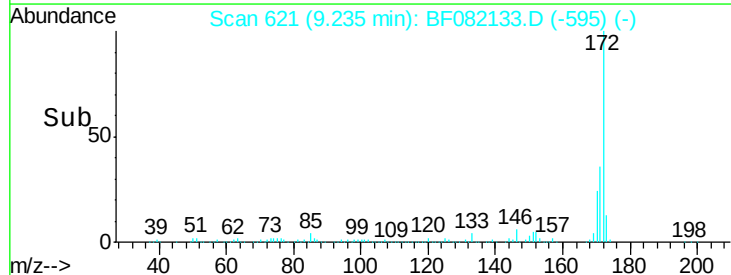
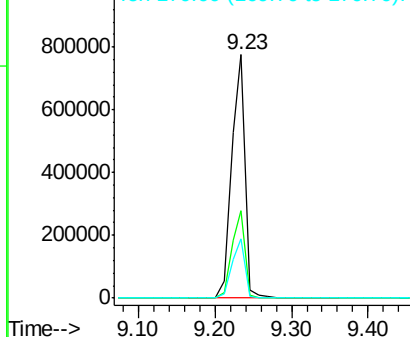


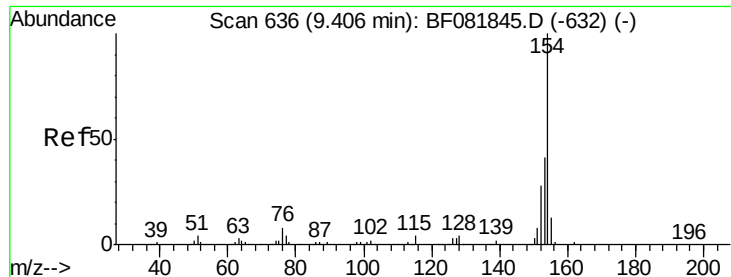
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.62 ng

RT: 9.33 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

Instrument :

BNA_F

ClientSampleId :

MGP215BR-20-21MSD

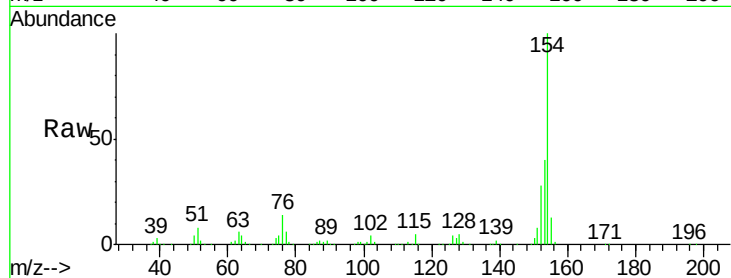
Tot Ion:154 Resp: 541303

Ion Ratio Lower Upper

154 100

153 40.0 17.1 57.1

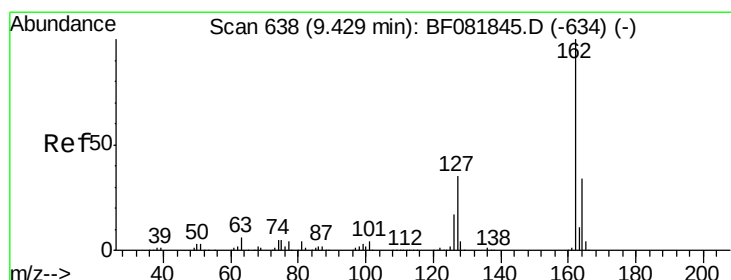
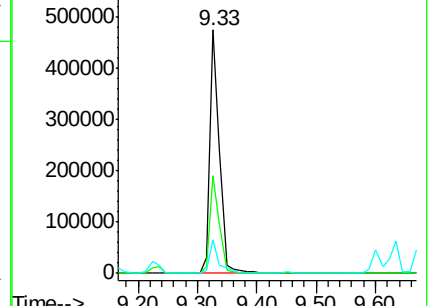
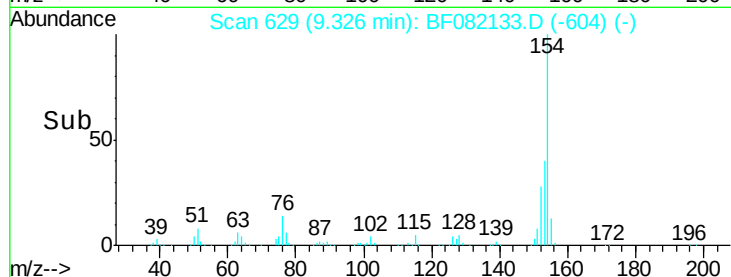
76 13.9 0.0 31.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 33.05 ng

RT: 9.36 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

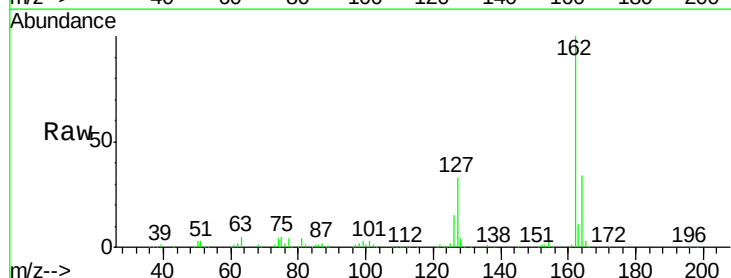
Tgt Ion:162 Resp: 354523

Ion Ratio Lower Upper

162 100

127 33.1 27.6 41.4

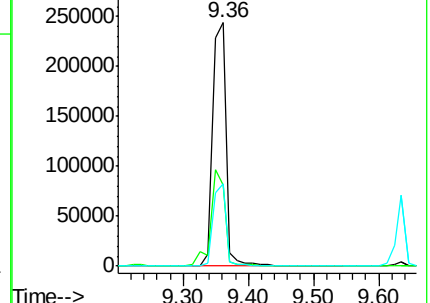
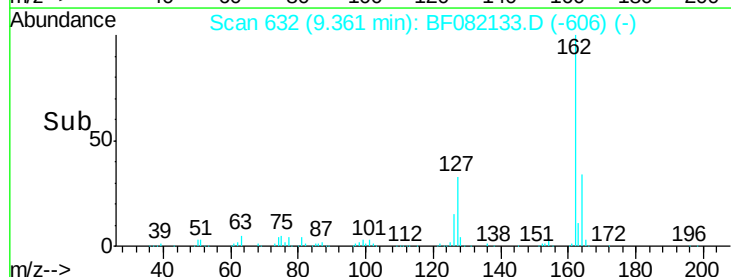
164 34.0 25.4 38.2

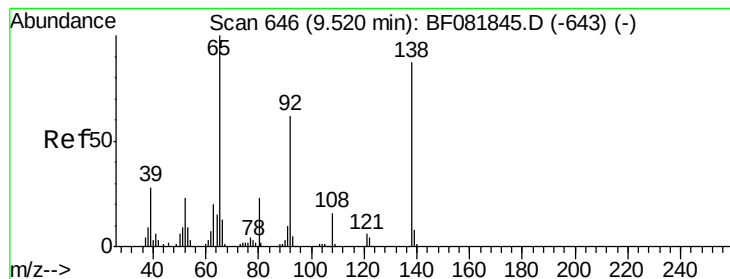


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 32.57 ng

RT: 9.45 min Scan# 640

Delta R.T. -0.01 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

Instrument :

BNA_F

ClientSampleId :

MGP215BR-20-21MSD

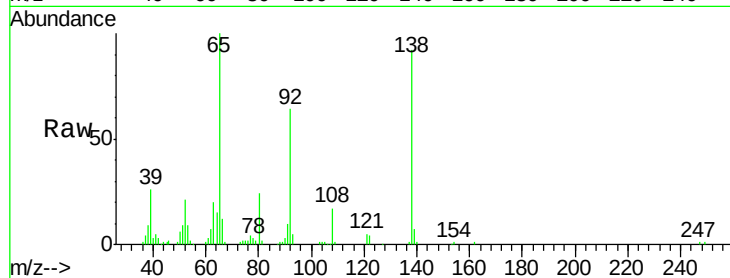
Tot Ion: 65 Resp: 102559

Ion Ratio Lower Upper

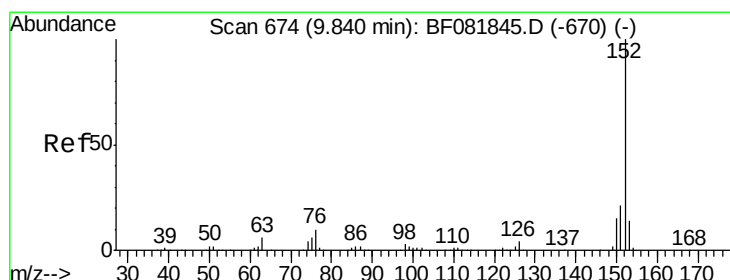
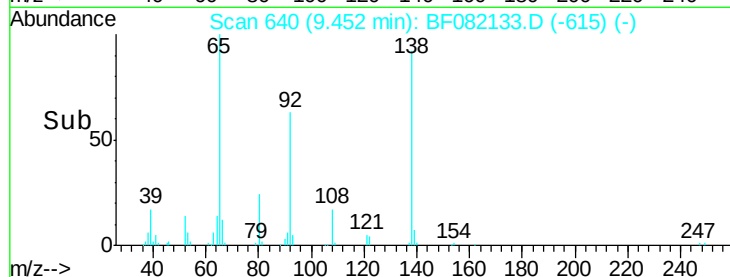
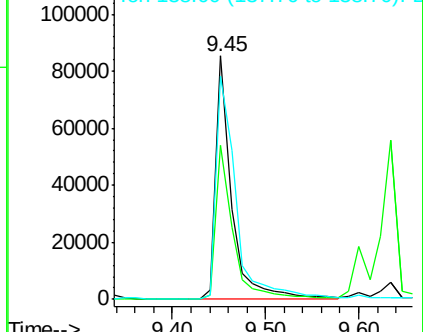
65 100

92 63.5 55.4 83.0

138 91.6 115.5 173.3#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 34.45 ng

RT: 9.77 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

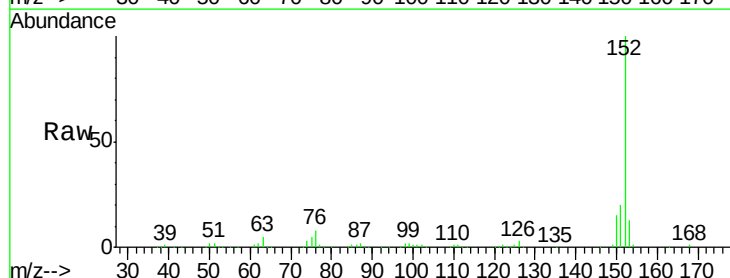
Tgt Ion: 152 Resp: 591515

Ion Ratio Lower Upper

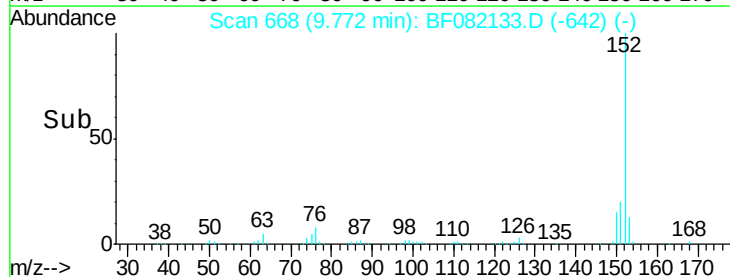
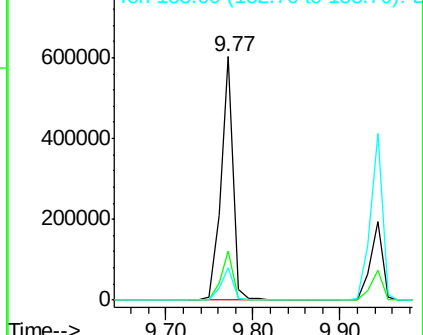
152 100

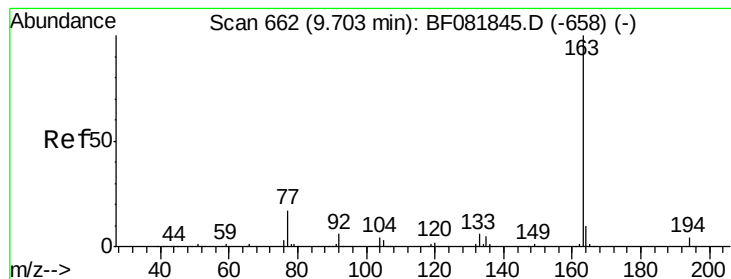
151 20.2 14.6 22.0

153 13.1 10.3 15.5



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





#49

Dimethylphthalate

Concen: 52.29 ng

RT: 9.63 min Scan# 656

Delta R.T. 0.00 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

Instrument :

BNA_F

ClientSampleId :

MGP215BR-20-21MSD

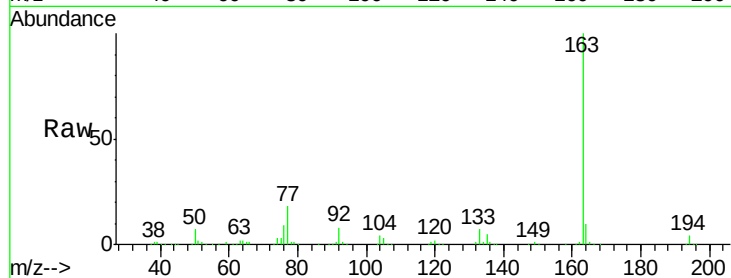
Tot Ion:163 Resp: 639146

Ion Ratio Lower Upper

163 100

194 3.5 4.4 6.6#

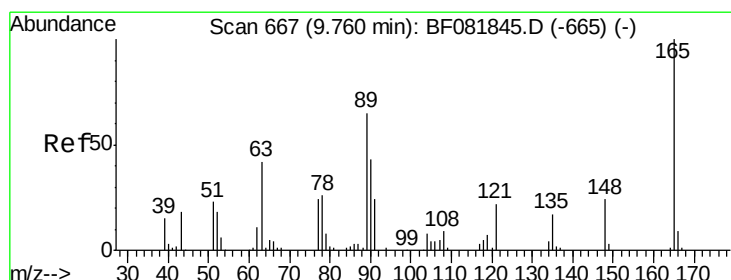
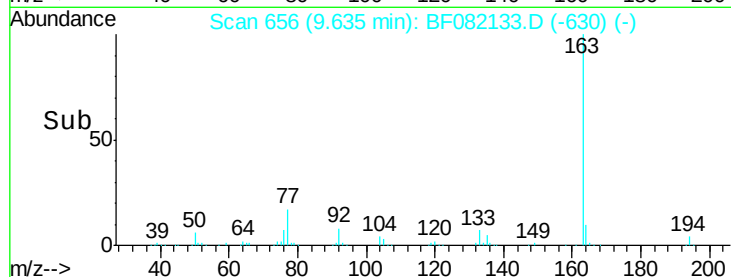
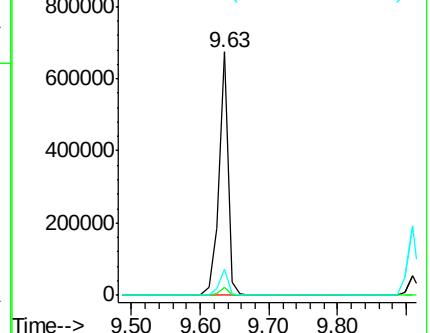
164 10.4 8.3 12.5



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



#50

2,6-Dinitrotoluene

Concen: 34.11 ng

RT: 9.70 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

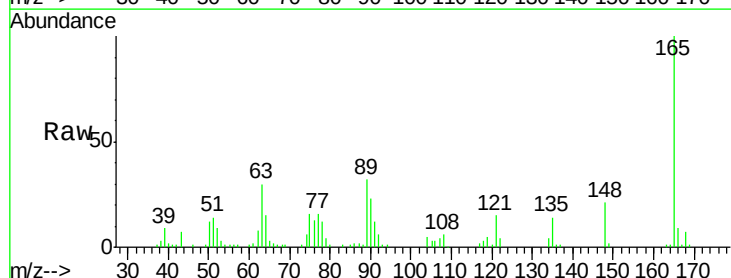
Tgt Ion:165 Resp: 90532

Ion Ratio Lower Upper

165 100

63 30.4 32.3 48.5#

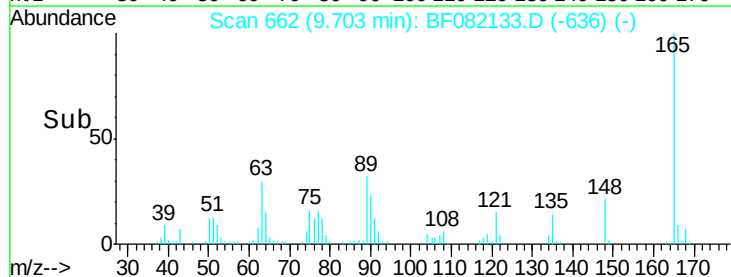
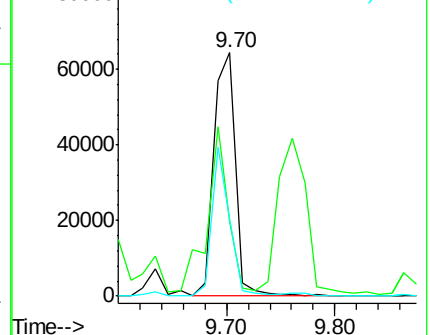
89 31.9 28.6 43.0

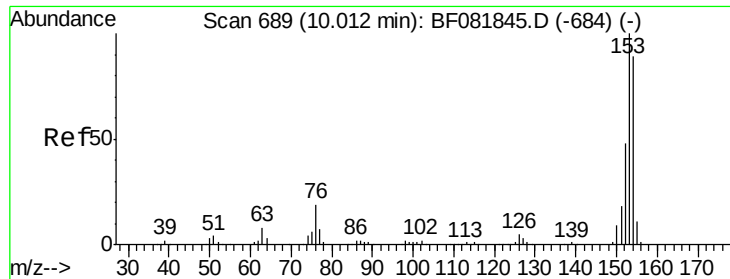


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.17 ng

RT: 9.94 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

Instrument :

BNA_F

ClientSampleId :

MGP215BR-20-21MSD

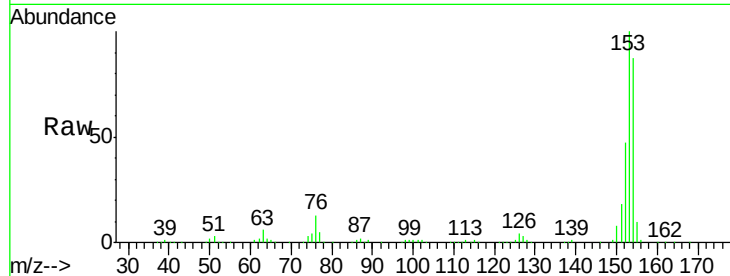
Tot Ion:154 Resp: 368785

Ion Ratio Lower Upper

154 100

153 114.9 82.1 123.1

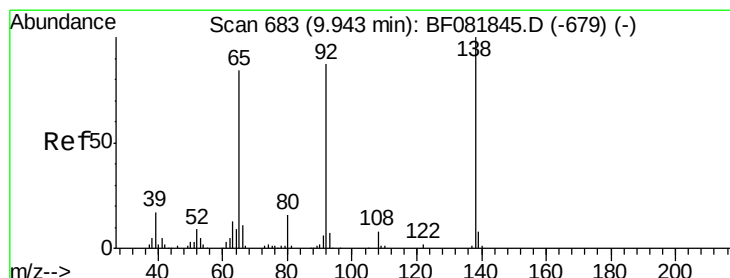
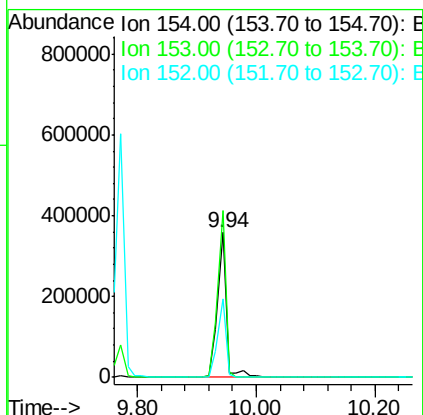
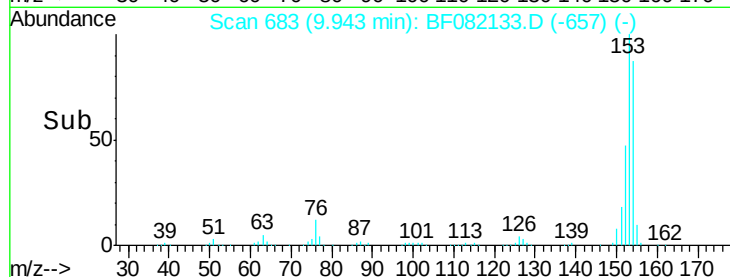
152 54.2 37.9 56.9



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



#52

3-Nitroaniline

Concen: 16.38 ng

RT: 9.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

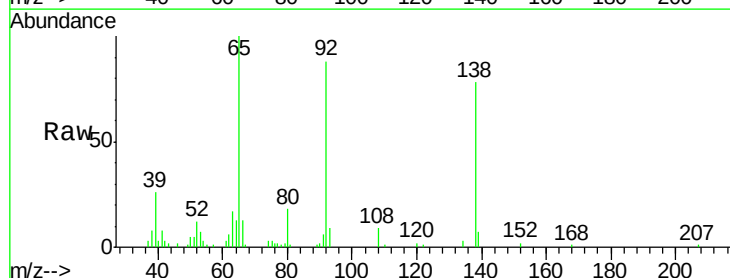
Tgt Ion:138 Resp: 50291

Ion Ratio Lower Upper

138 100

108 11.2 5.7 8.5#

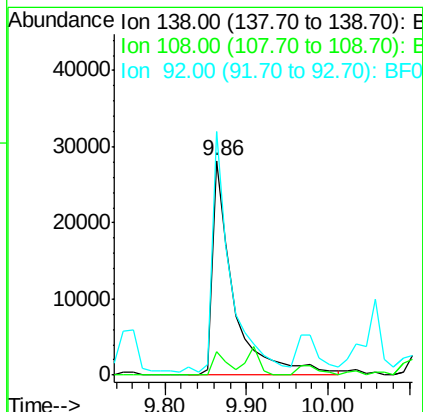
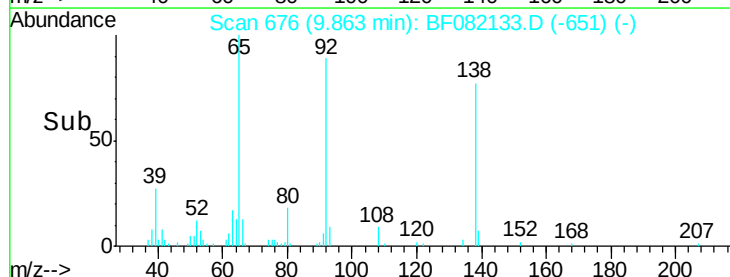
92 113.7 67.7 101.5#

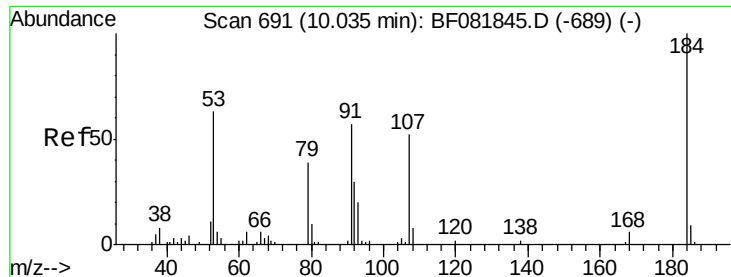


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

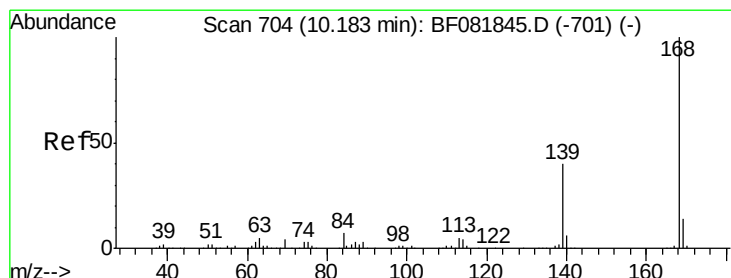
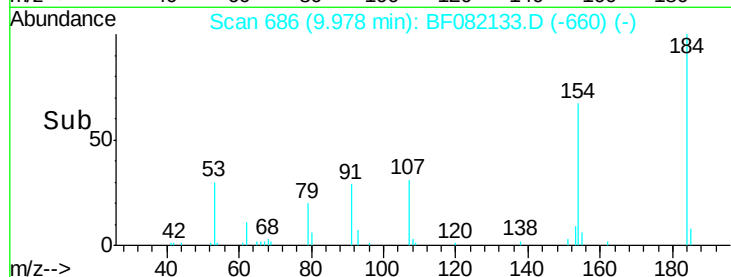
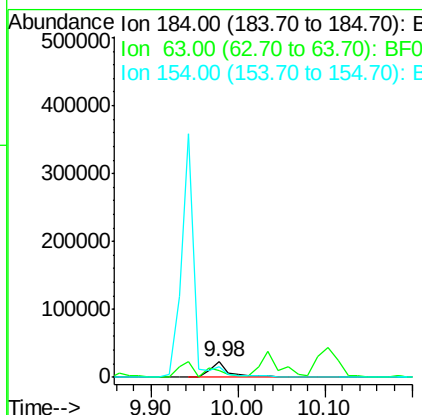
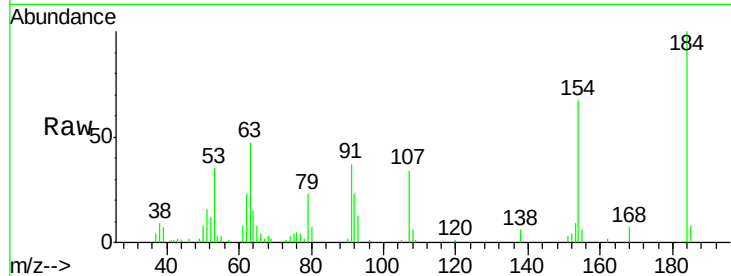




#53
 2,4-Dinitrophenol
 Concen: 43.20 ng
 RT: 9.98 min Scan# 686
 Delta R.T. 0.00 min
 Lab File: BF082133.D
 Acq: 8 Oct 2015 18:07

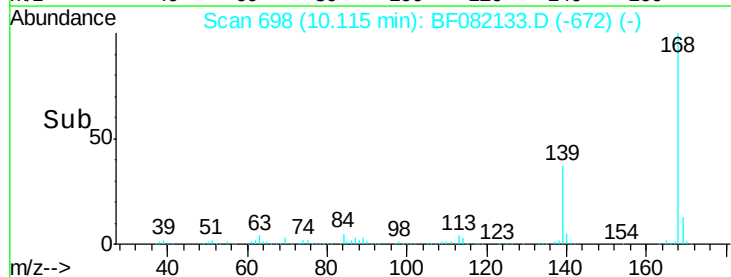
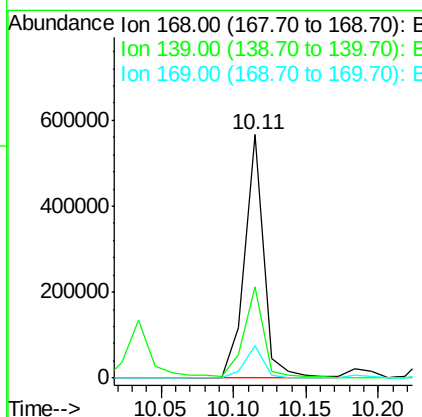
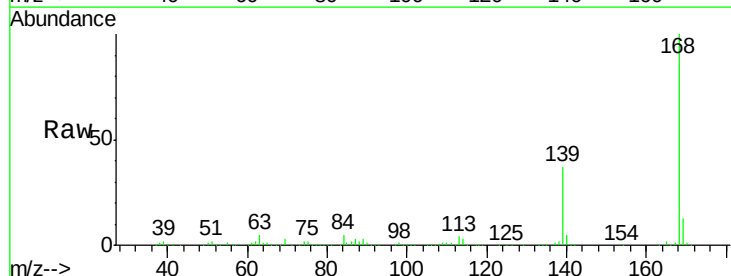
Instrument :
 BNA_F
 ClientSampleId :
 MGP215BR-20-21MSD

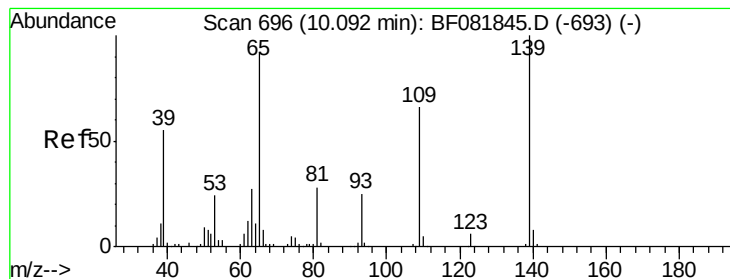
Tot Ion:184 Resp: 38144
 Ion Ratio Lower Upper
 184 100
 63 46.9 35.4 53.2
 154 66.8 32.2 48.4#



#54
 Dibenzofuran
 Concen: 36.16 ng
 RT: 10.11 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF082133.D
 Acq: 8 Oct 2015 18:07

Tgt Ion:168 Resp: 521039
 Ion Ratio Lower Upper
 168 100
 139 37.4 24.2 36.2#
 169 13.4 10.6 15.8





#55

4-Nitrophenol

Concen: 69.65 ng

RT: 10.03 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

Instrument :

BNA_F

ClientSampleId :

MGP215BR-20-21MSD

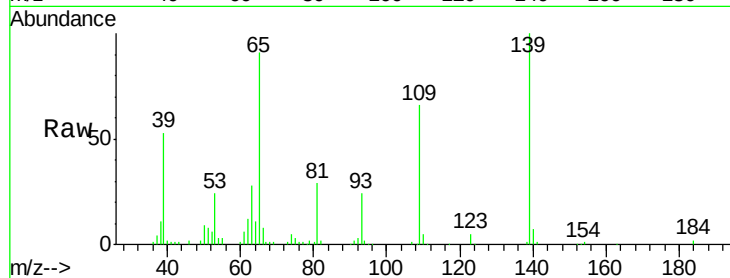
Tot Ion:139 Resp: 154520

Ion Ratio Lower Upper

139 100

109 65.8 12.7 52.7#

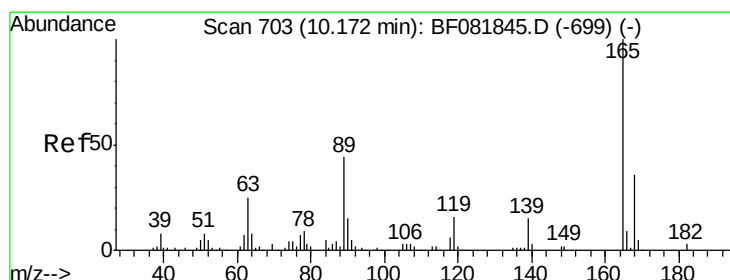
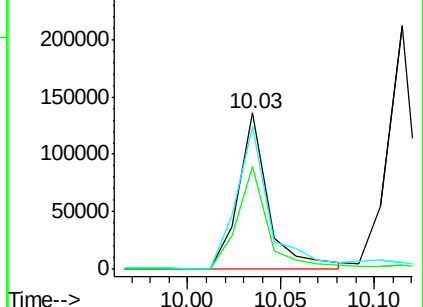
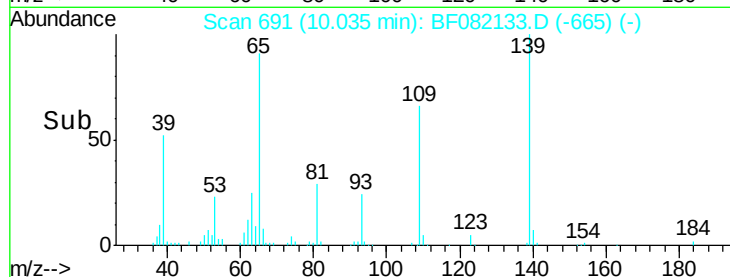
65 91.1 45.9 85.9#



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): BF0



#56

2,4-Dinitrotoluene

Concen: 38.98 ng

RT: 10.10 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

Tgt Ion:165 Resp: 131862

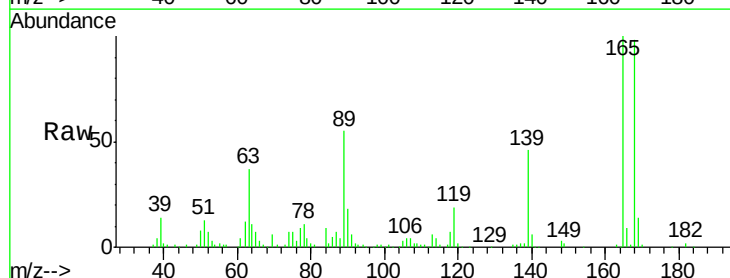
Ion Ratio Lower Upper

165 100

63 36.8 29.8 44.6

89 55.0 44.5 66.7

182 2.3 3.0 4.4#

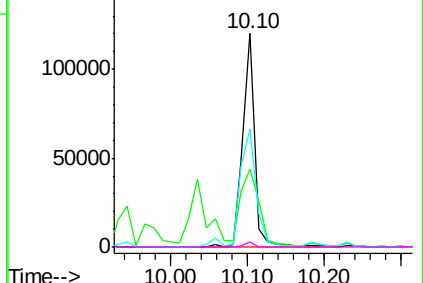
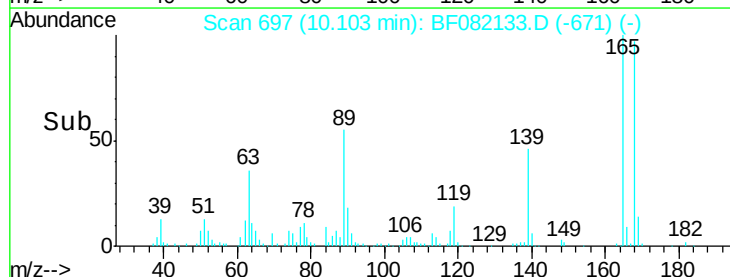


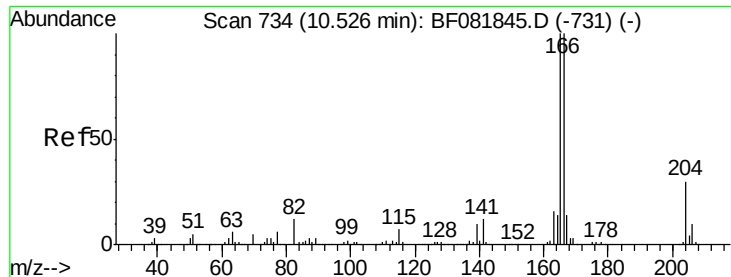
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

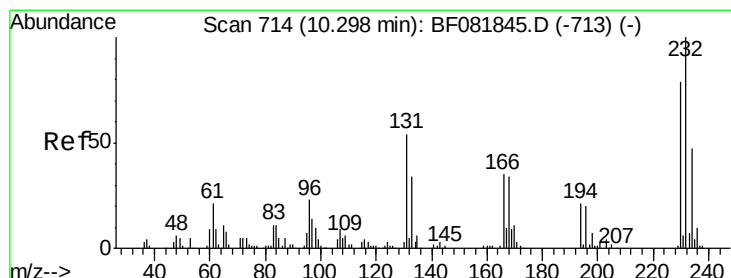
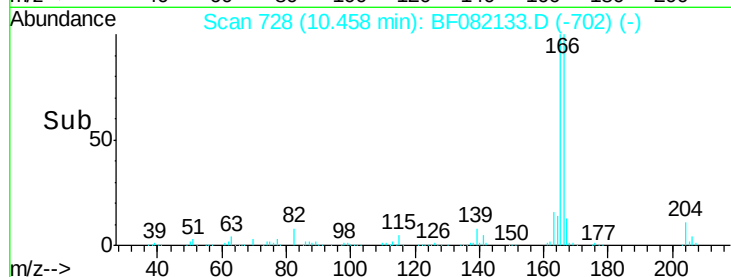
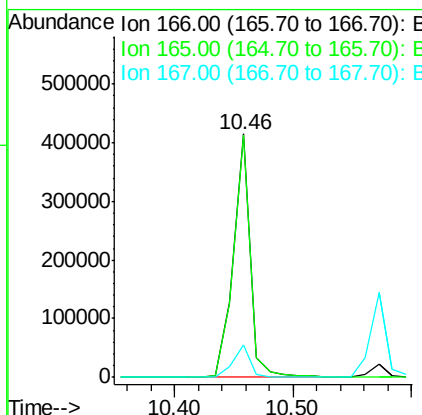
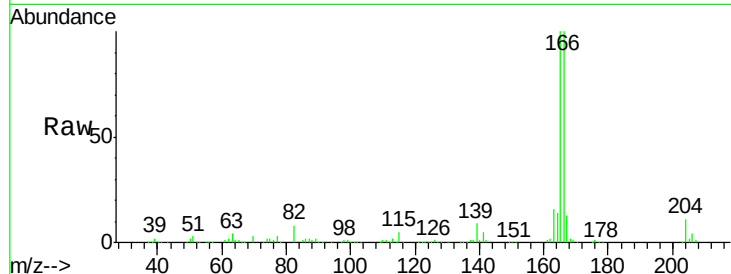




#57
 Fluorene
 Concen: 39.79 ng
 RT: 10.46 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: BF082133.D
 Acq: 8 Oct 2015 18:07

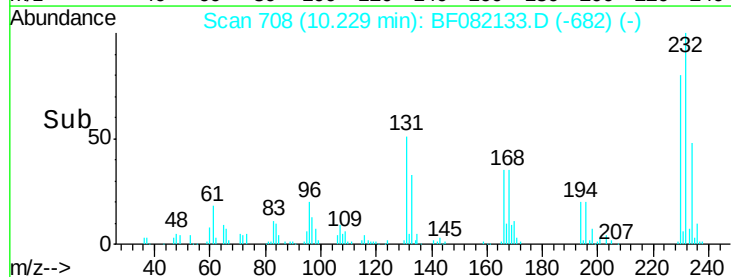
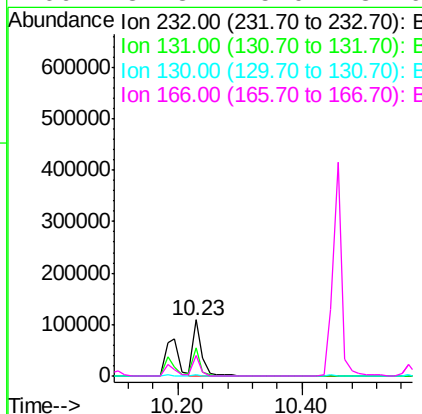
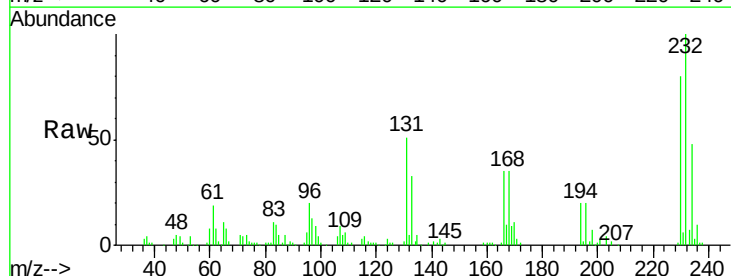
Instrument :
 BNA_F
 ClientSampleId :
 MGP215BR-20-21MSD

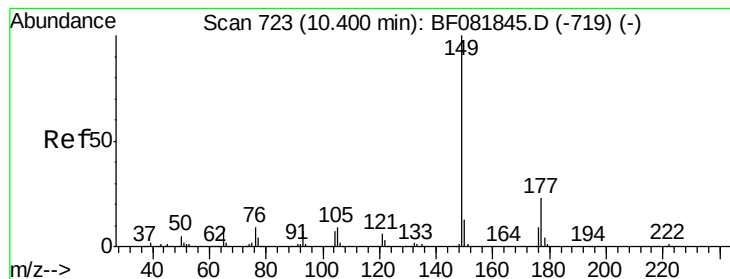
Tot Ion:166 Resp: 412604
 Ion Ratio Lower Upper
 166 100
 165 99.7 72.6 109.0
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.58 ng
 RT: 10.23 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: BF082133.D
 Acq: 8 Oct 2015 18:07

Tgt Ion:232 Resp: 111229
 Ion Ratio Lower Upper
 232 100
 131 45.9 38.5 57.7
 130 1.8 1.8 2.6
 166 32.3 25.0 37.6





#59

Diethylphthalate

Concen: 37.69 ng

RT: 10.33 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

Instrument :

BNA_F

ClientSampleId :

MGP215BR-20-21MSD

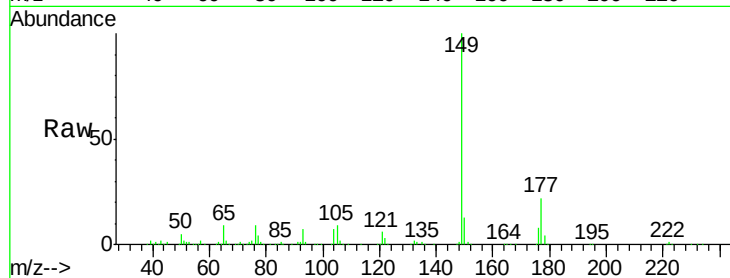
Tot Ion:149 Resp: 430380

Ion Ratio Lower Upper

149 100

177 22.0 17.5 26.3

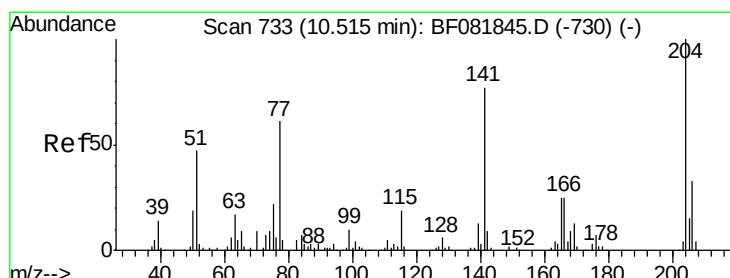
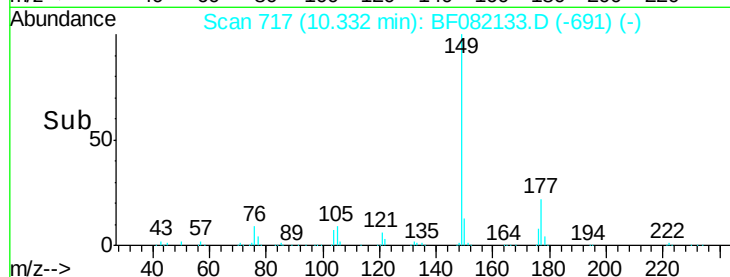
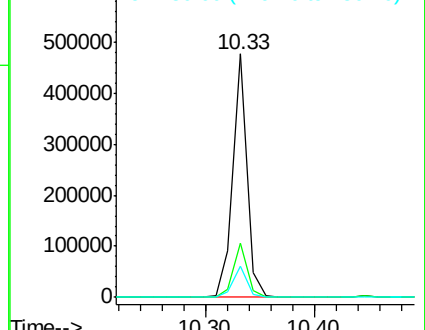
150 12.7 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 35.59 ng

RT: 10.45 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

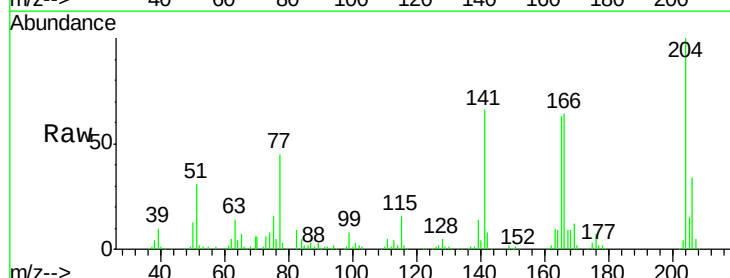
Tgt Ion:204 Resp: 187726

Ion Ratio Lower Upper

204 100

206 34.1 24.8 37.2

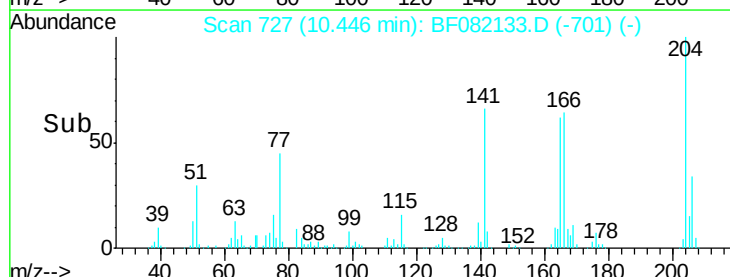
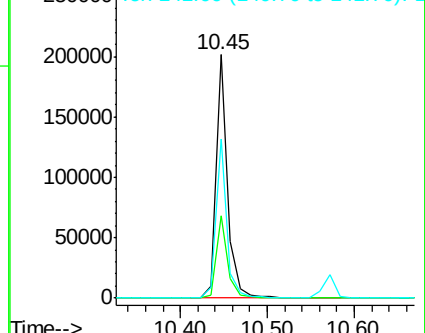
141 65.5 42.2 63.4#

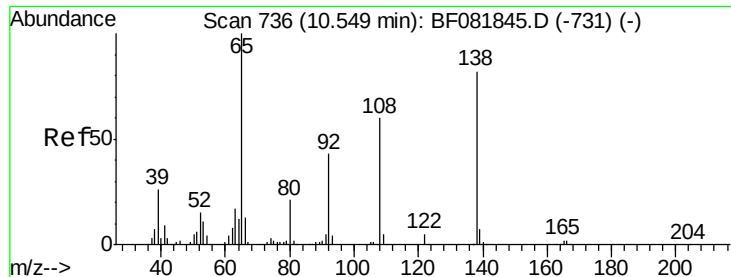


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 30.72 ng

RT: 10.48 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

Instrument :

BNA_F

ClientSampleId :

MGP215BR-20-21MSD

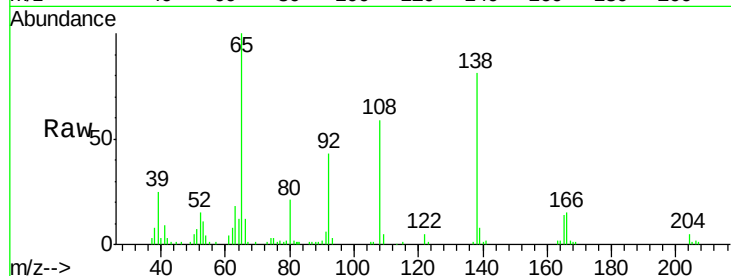
Tot Ion:138 Resp: 94558

Ion Ratio Lower Upper

138 100

92 53.6 12.6 52.6#

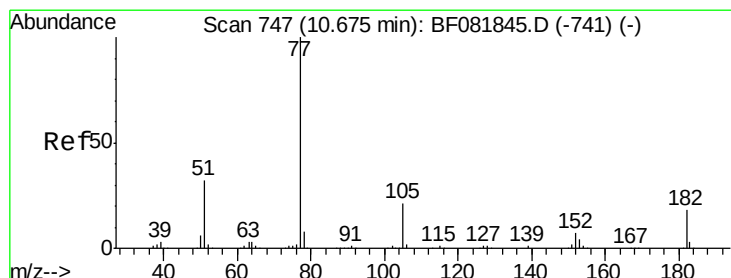
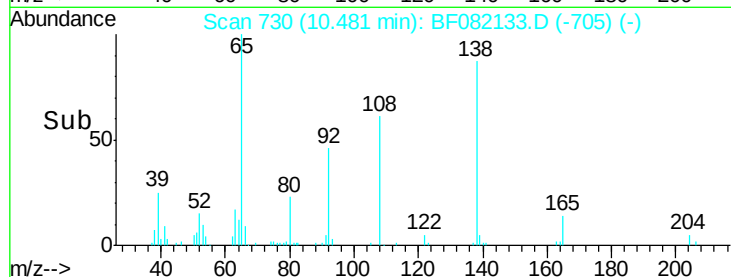
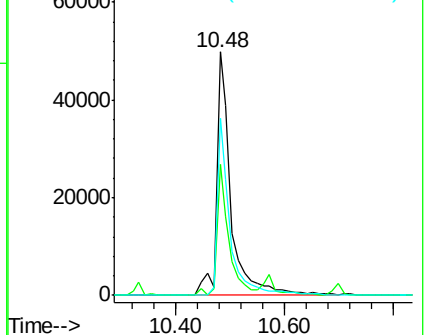
108 72.6 12.4 52.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.90 ng

RT: 10.61 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

Tgt Ion: 77 Resp: 411216

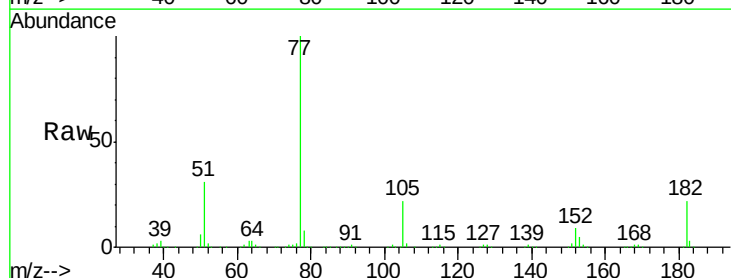
Ion Ratio Lower Upper

77 100

182 22.4 15.1 55.1

105 22.0 3.4 43.4

51 30.5 12.0 52.0

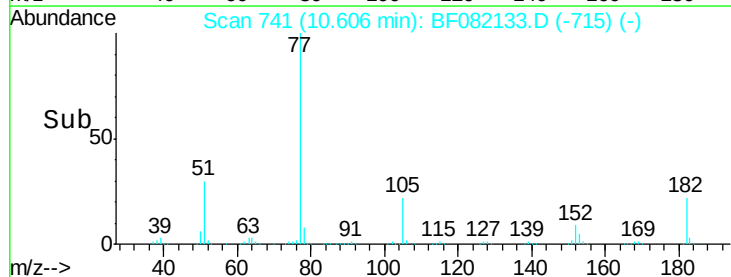
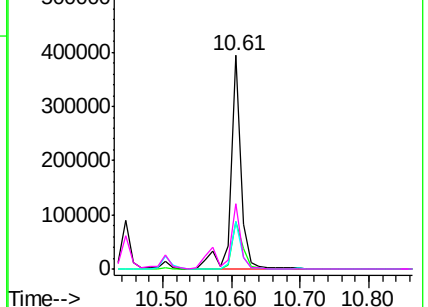


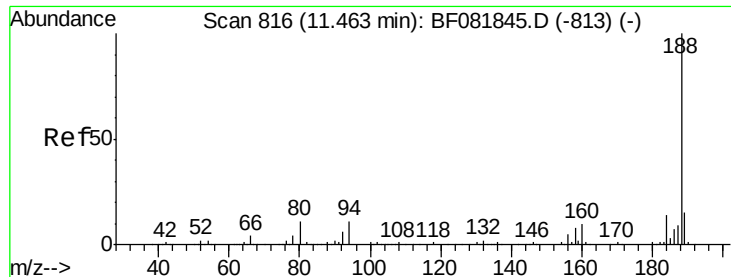
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

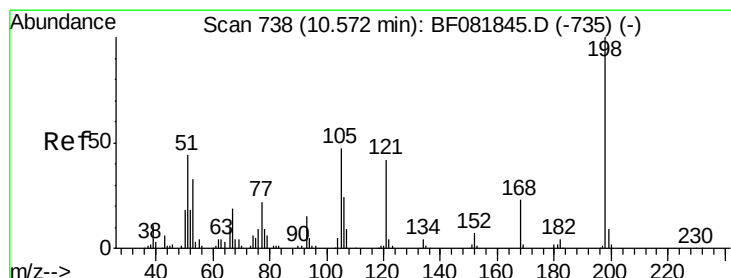
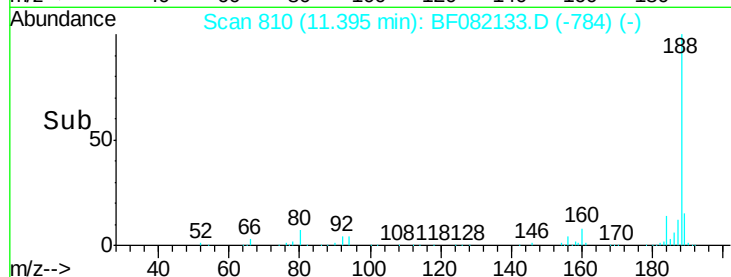
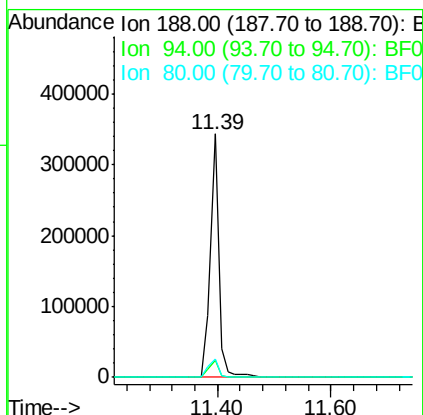
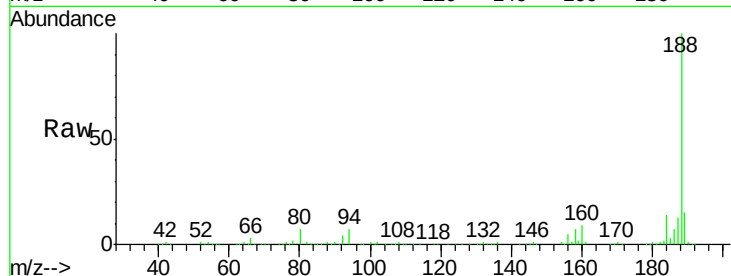




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF082133.D
Acq: 8 Oct 2015 18:07

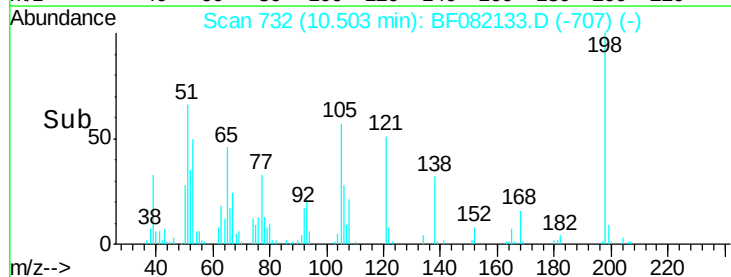
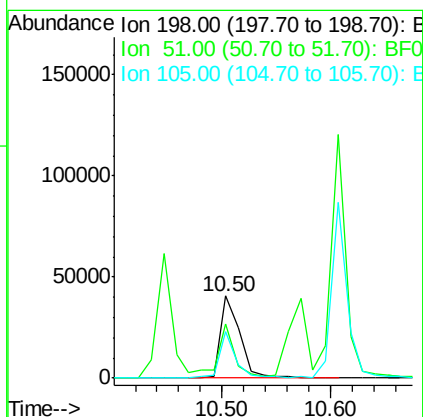
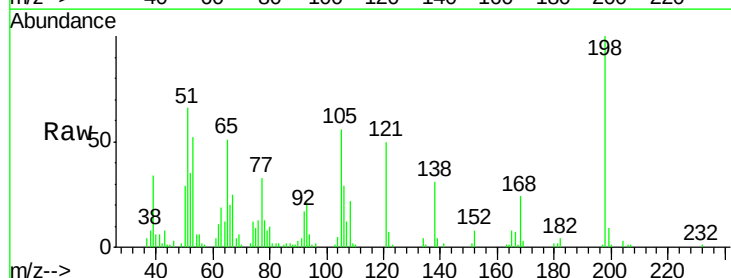
Instrument :
BNA_F
ClientSampleId :
MGP215BR-20-21MSD

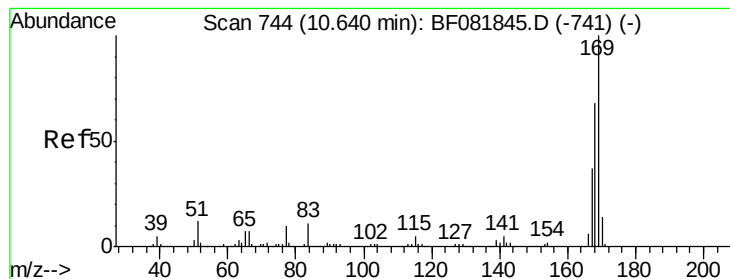
Tot Ion:188 Resp: 343951
Ion Ratio Lower Upper
188 100
94 7.2 11.1 16.7#
80 7.4 11.0 16.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 34.79 ng
RT: 10.50 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF082133.D
Acq: 8 Oct 2015 18:07

Tgt Ion:198 Resp: 50638
Ion Ratio Lower Upper
198 100
51 65.8 39.6 79.6
105 56.3 28.5 68.5

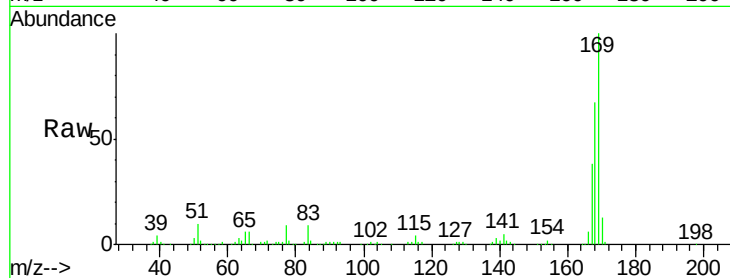




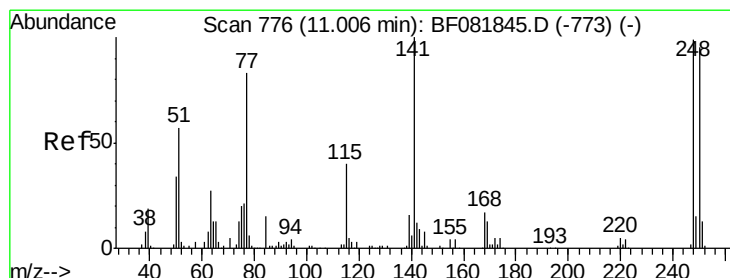
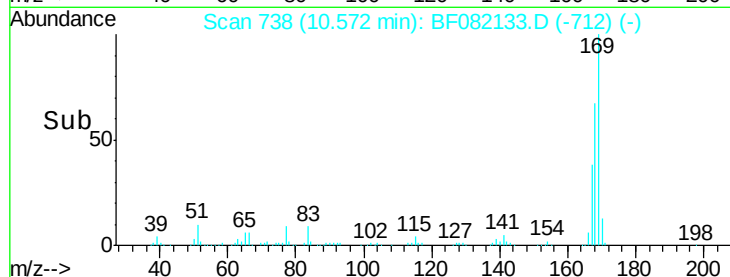
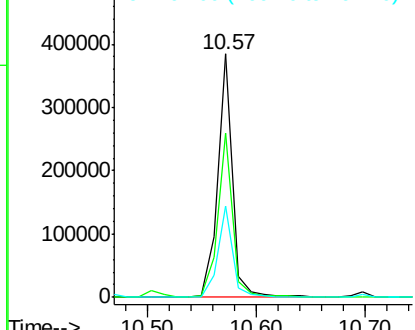
#65
 n-Nitrosodiphenylamine
 Concen: 35.67 ng
 RT: 10.57 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF082133.D
 Acq: 8 Oct 2015 18:07

Instrument :
 BNA_F
 ClientSampleId :
 MGP215BR-20-21MSD

Tot Ion:169 Resp: 371220
 Ion Ratio Lower Upper
 169 100
 168 67.4 48.9 73.3
 167 37.7 26.2 39.4

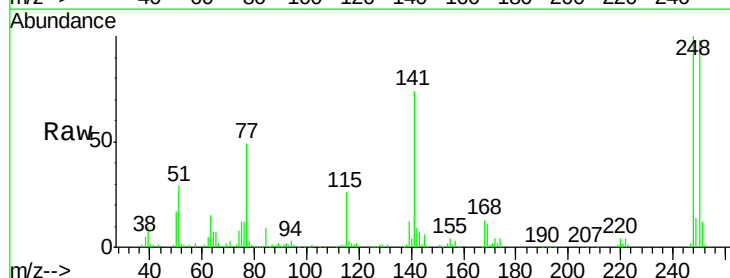


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

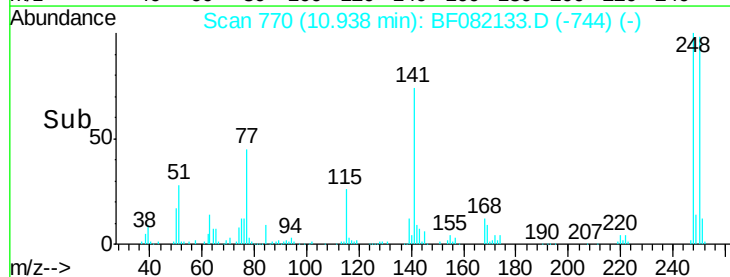
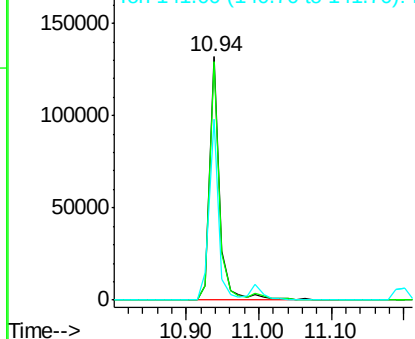


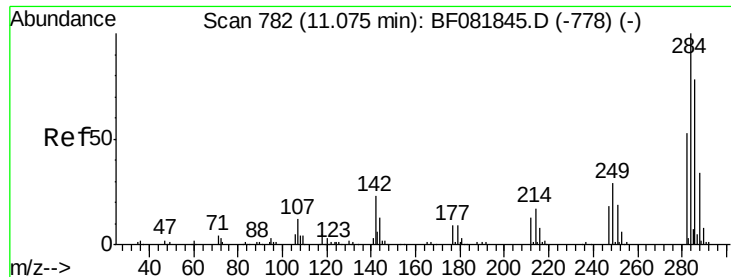
#66
 4-Bromophenyl-phenylether
 Concen: 36.53 ng
 RT: 10.94 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF082133.D
 Acq: 8 Oct 2015 18:07

Tgt Ion:248 Resp: 126680
 Ion Ratio Lower Upper
 248 100
 250 98.0 78.5 117.7
 141 74.4 59.0 88.6



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

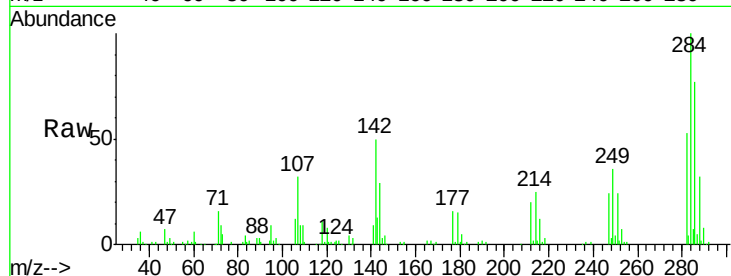




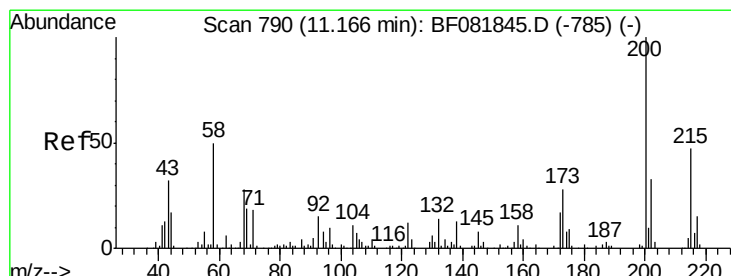
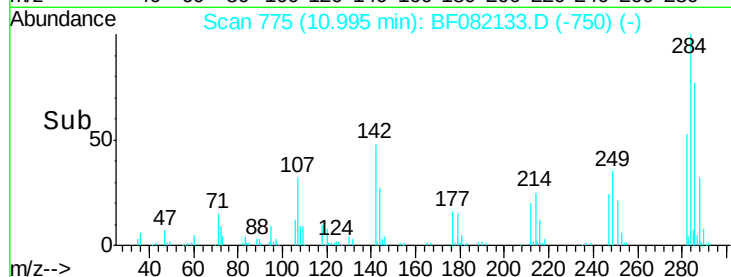
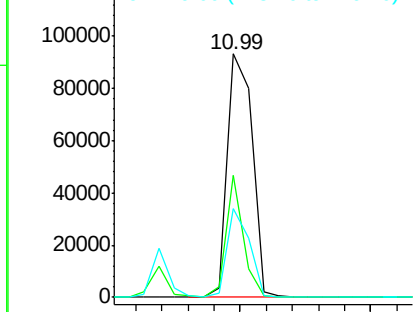
#67
Hexachlorobenzene
Concen: 31.54 ng
RT: 10.99 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF082133.D
Acq: 8 Oct 2015 18:07

Instrument :
BNA_F
ClientSampleId :
MGP215BR-20-21MSD

Tot Ion:284 Resp: 123438
Ion Ratio Lower Upper
284 100
142 49.9 29.5 44.3#
249 36.5 19.5 29.3#

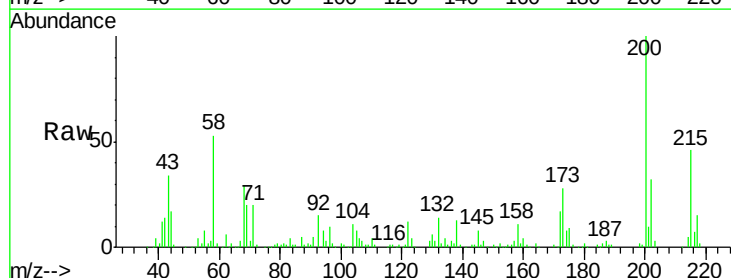


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

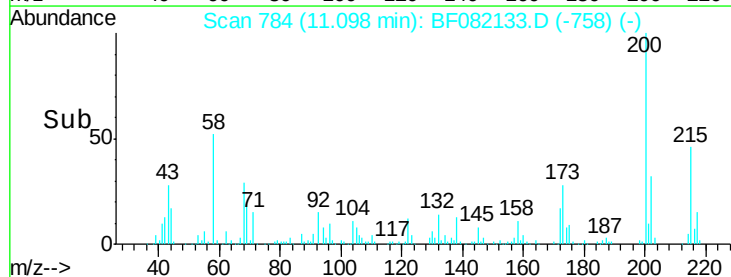
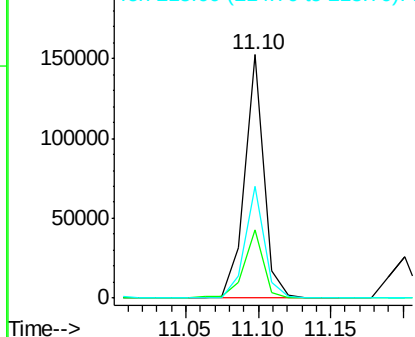


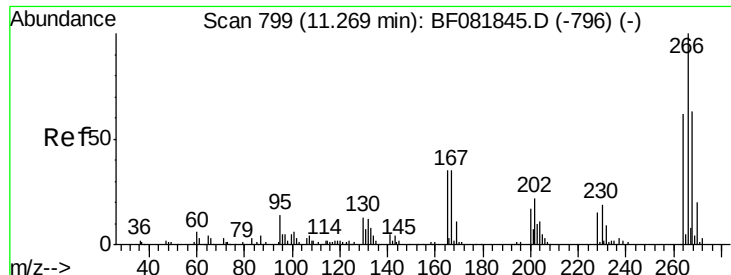
#68
Atrazine
Concen: 43.68 ng
RT: 11.10 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF082133.D
Acq: 8 Oct 2015 18:07

Tgt Ion:200 Resp: 141052
Ion Ratio Lower Upper
200 100
173 27.9 13.2 53.2
215 45.8 41.8 81.8



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

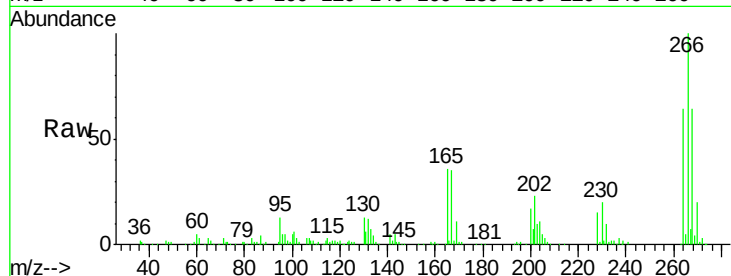




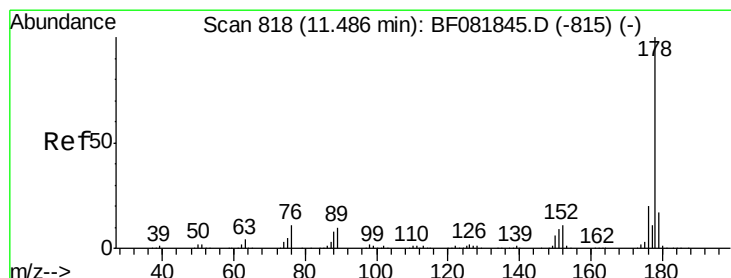
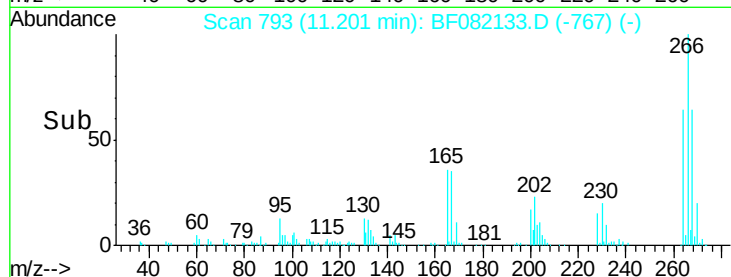
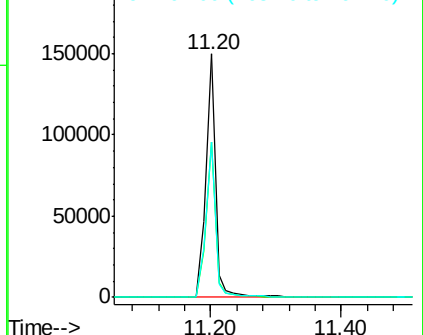
#69
 Pentachlorophenol
 Concen: 70.12 ng
 RT: 11.20 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF082133.D
 Acq: 8 Oct 2015 18:07

Instrument :
 BNA_F
 ClientSampleId :
 MGP215BR-20-21MSD

Tot Ion:266 Resp: 156370
 Ion Ratio Lower Upper
 266 100
 268 64.0 49.8 74.6
 264 63.9 50.2 75.2

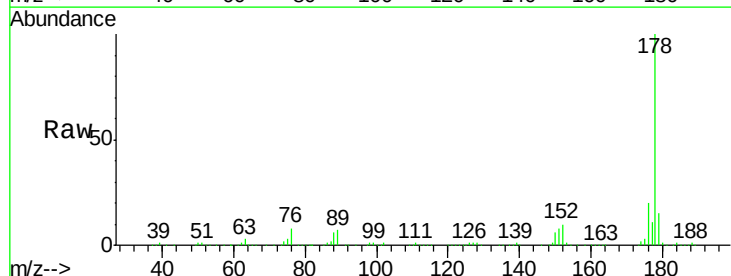


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

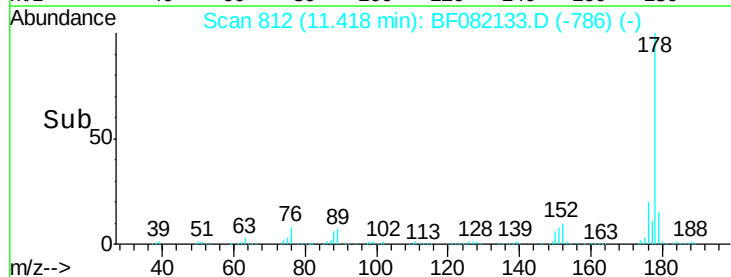
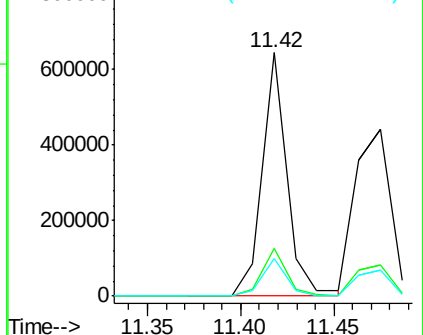


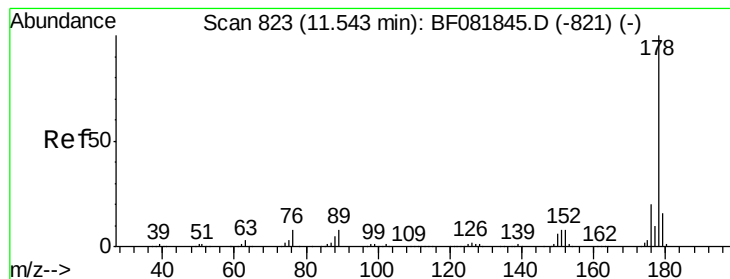
#70
 Phenanthrene
 Concen: 35.31 ng
 RT: 11.42 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF082133.D
 Acq: 8 Oct 2015 18:07

Tgt Ion:178 Resp: 590452
 Ion Ratio Lower Upper
 178 100
 176 19.8 13.8 20.8
 179 15.4 12.2 18.2



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





#71

Anthracene

Concen: 35.48 ng

RT: 11.48 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

Instrument :

BNA_F

ClientSampleId :

MGP215BR-20-21MSD

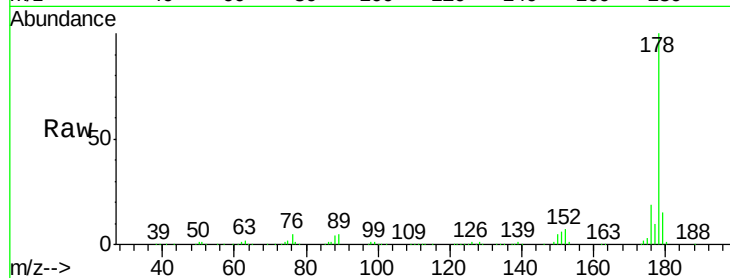
Tot Ion:178 Resp: 620188

Ion Ratio Lower Upper

178 100

176 19.0 14.1 21.1

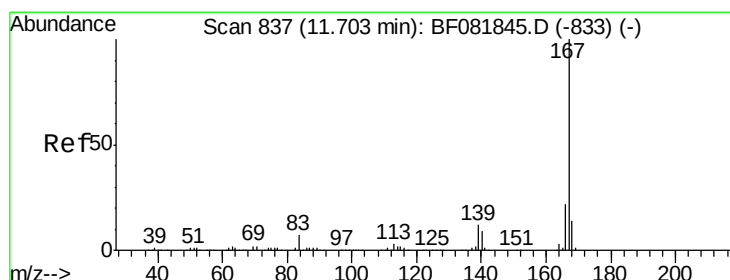
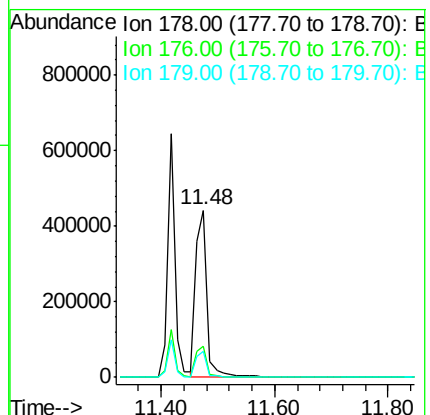
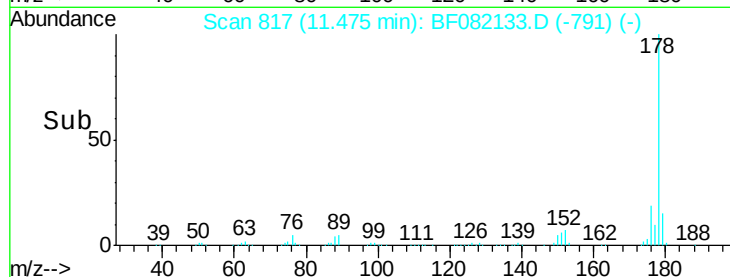
179 15.3 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 35.46 ng

RT: 11.62 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

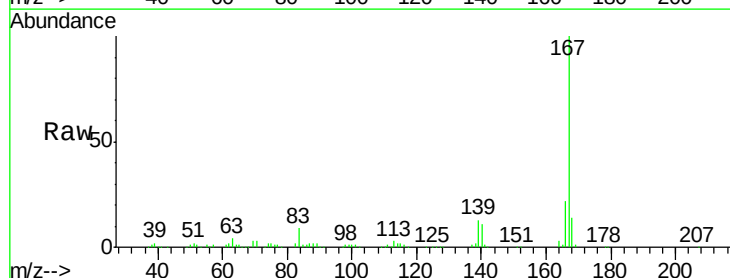
Tgt Ion:167 Resp: 561129

Ion Ratio Lower Upper

167 100

166 22.0 15.7 23.5

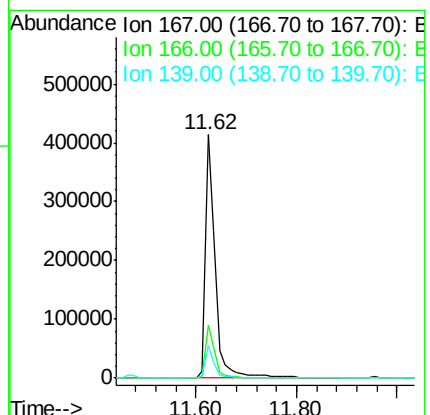
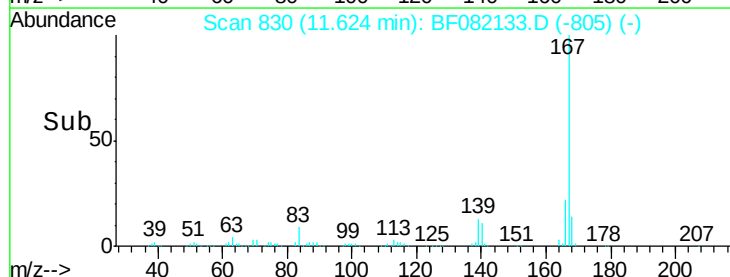
139 13.5 9.5 14.3

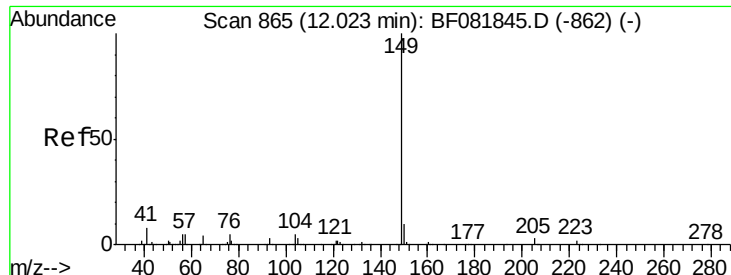


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.71 ng

RT: 11.96 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

Instrument :

BNA_F

ClientSampleId :

MGP215BR-20-21MSD

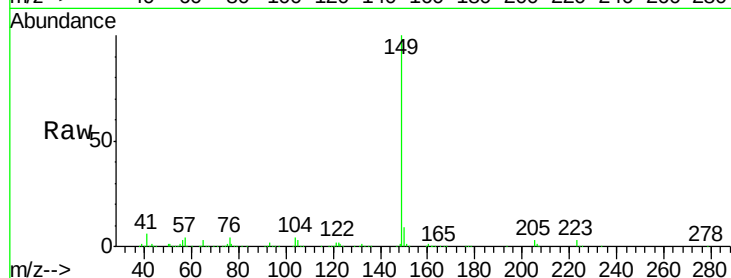
Tot Ion:149 Resp: 689336

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

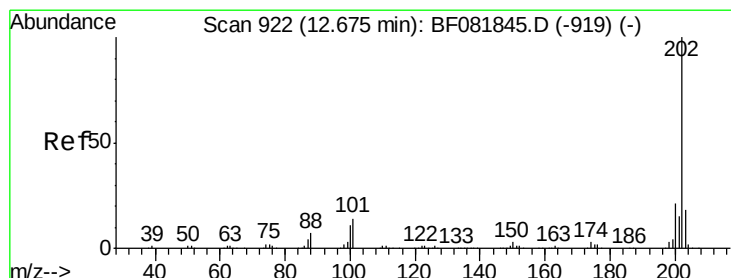
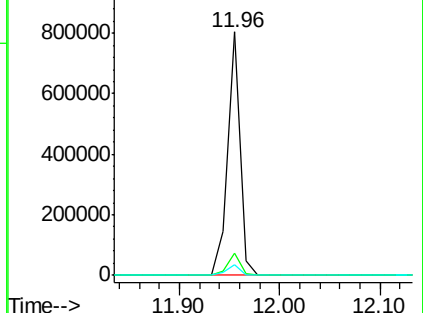
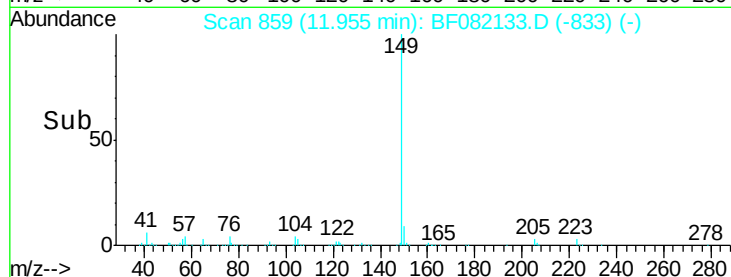
104 4.5 2.4 3.6#



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



#74

Fluoranthene

Concen: 35.29 ng

RT: 12.61 min Scan# 916

Delta R.T. 0.00 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

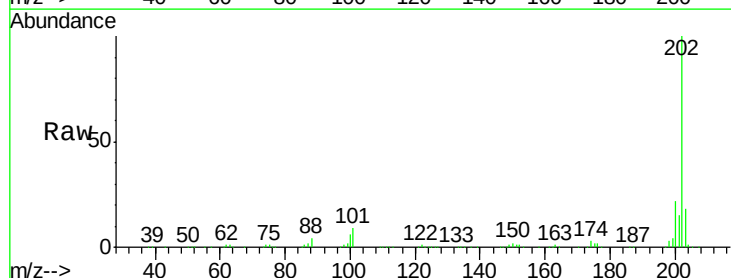
Tgt Ion:202 Resp: 650168

Ion Ratio Lower Upper

202 100

101 8.7 0.0 38.3

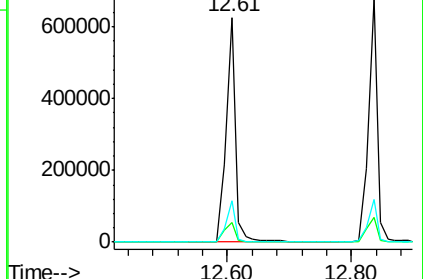
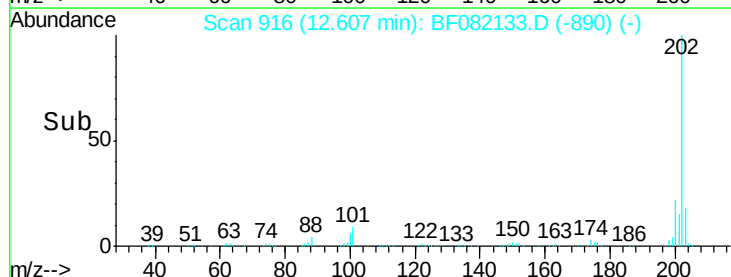
203 18.2 0.0 37.3

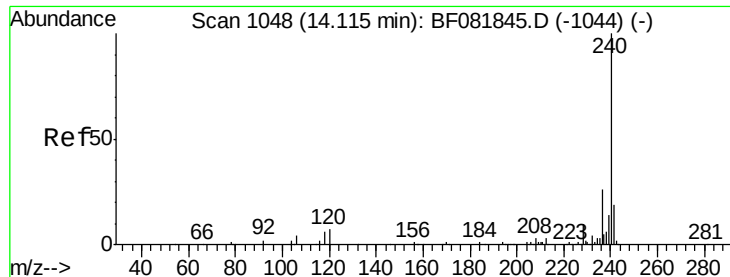


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

Instrument :

BNA_F

ClientSampleId :

MGP215BR-20-21MSD

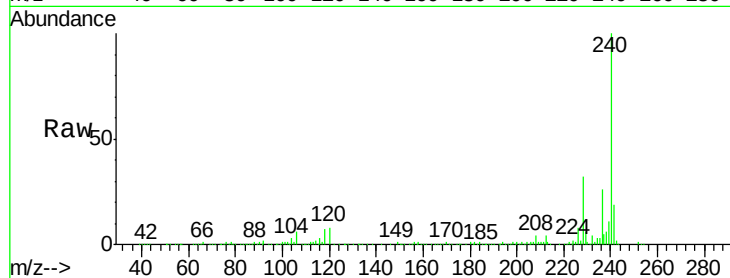
Tot Ion:240 Resp: 319274

Ion Ratio Lower Upper

240 100

120 8.1 16.2 24.2#

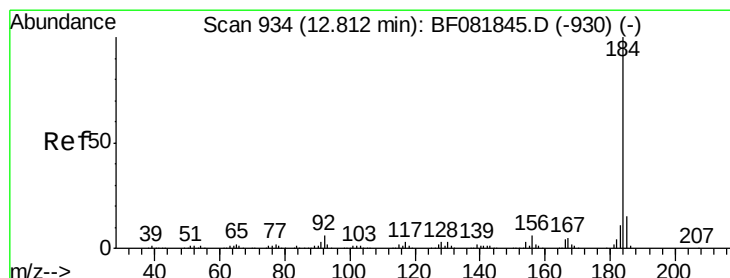
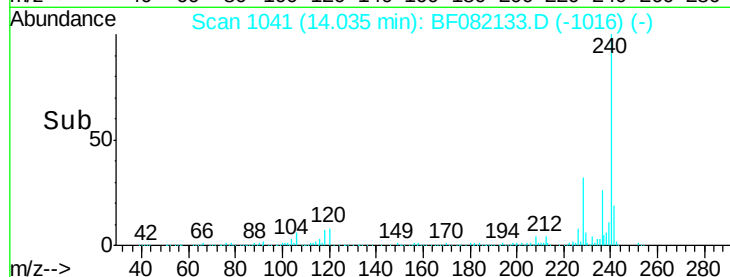
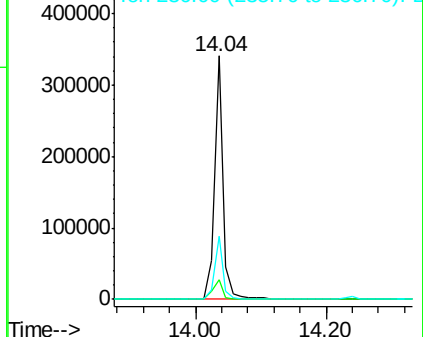
236 25.7 18.4 27.6



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



#76

Benzidine

Concen: 34.15 ng

RT: 12.73 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

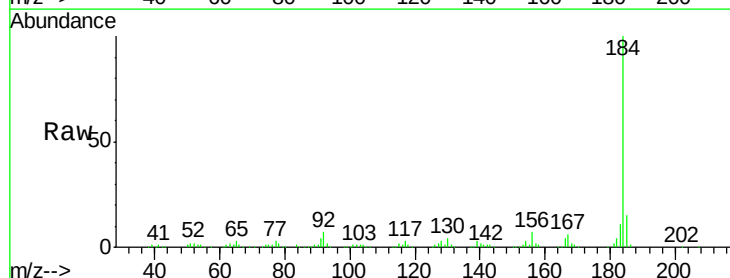
Tgt Ion:184 Resp: 328474

Ion Ratio Lower Upper

184 100

185 14.9 11.8 17.6

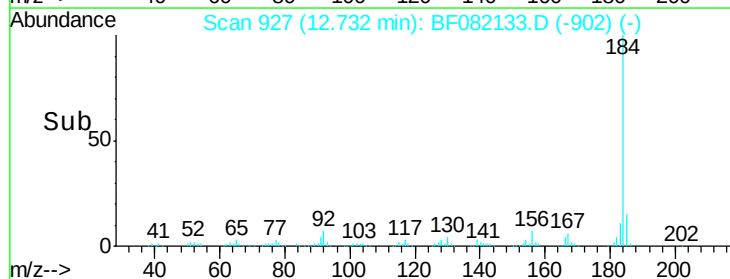
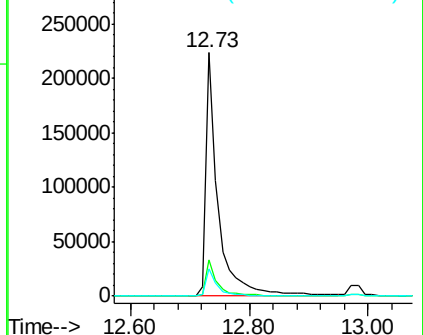
183 11.3 7.6 11.4

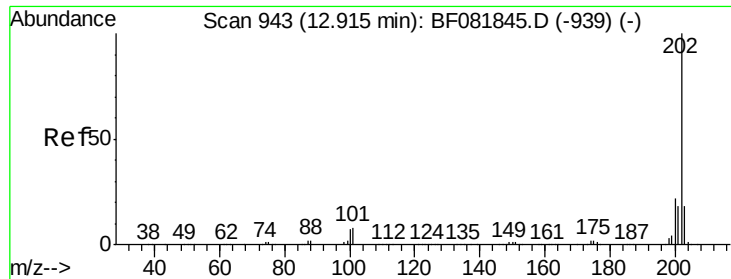


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

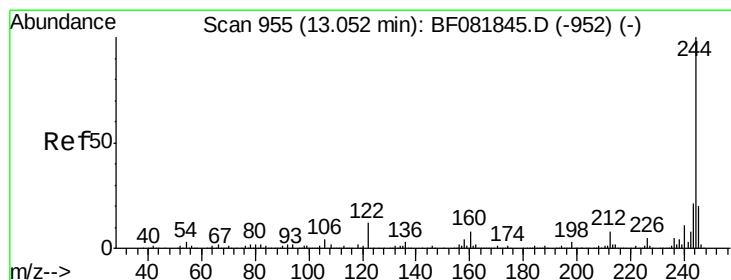
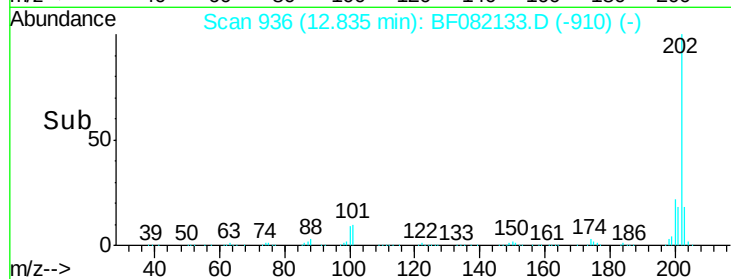
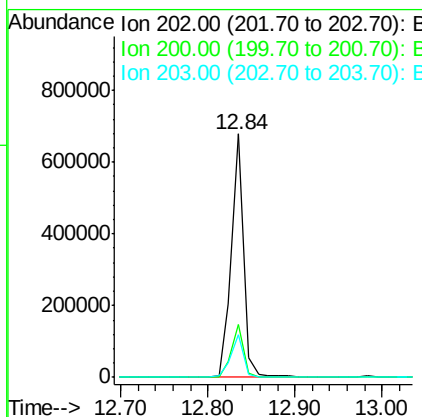
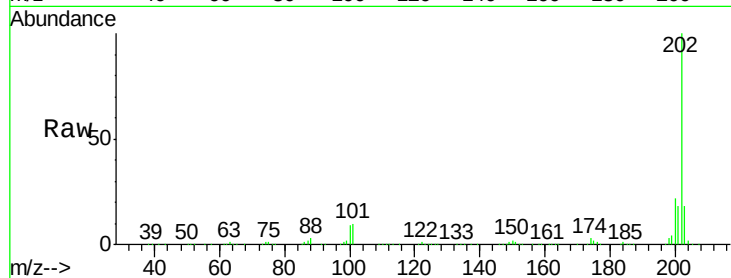




#77
 Pvrene
 Concen: 34.82 ng
 RT: 12.84 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: BF082133.D
 Acq: 8 Oct 2015 18:07

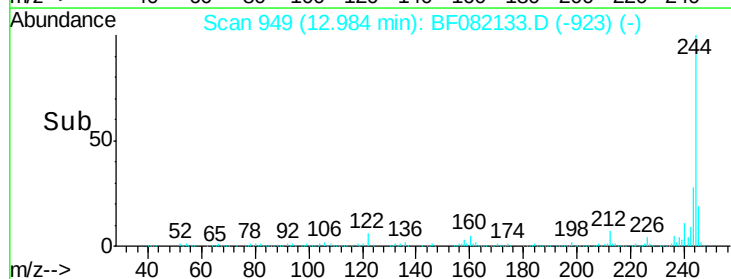
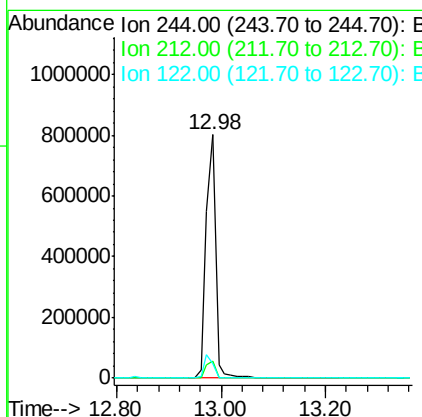
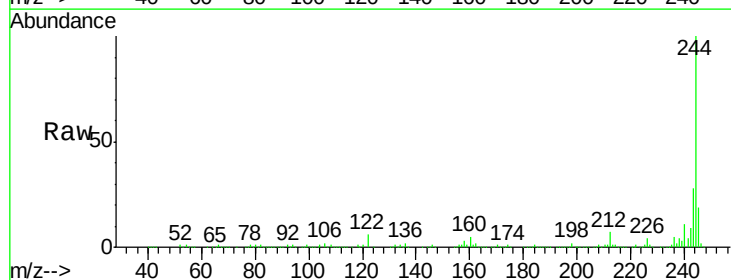
Instrument :
 BNA_F
 ClientSampleId :
 MGP215BR-20-21MSD

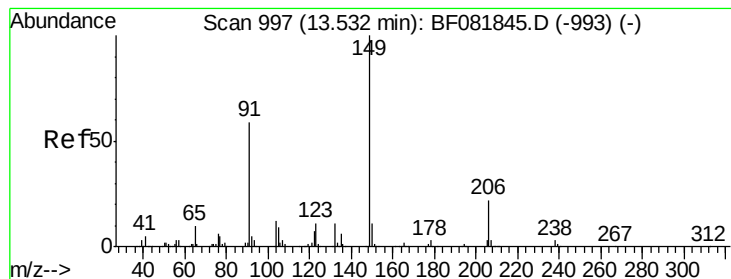
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	15.0	22.4
203	17.6	14.1	21.1



#78
 Terphenyl-d14
 Concen: 113.03 ng
 RT: 12.98 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF082133.D
 Acq: 8 Oct 2015 18:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	4.3	6.5#
122	6.1	17.4	26.2#





#79

Butylbenzylphthalate

Concen: 39.37 ng

RT: 13.45 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

Instrument :

BNA_F

ClientSampleId :

MGP215BR-20-21MSD

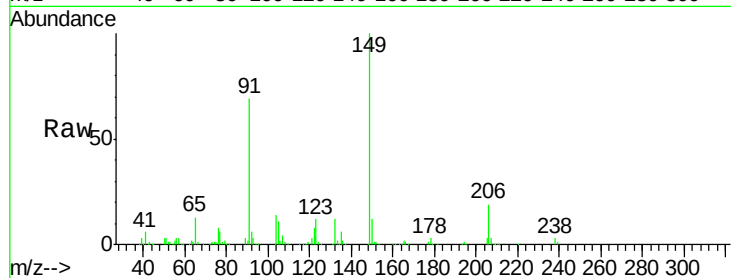
Tot Ion:149 Resp: 282579

Ion Ratio Lower Upper

149 100

91 68.8 48.6 72.8

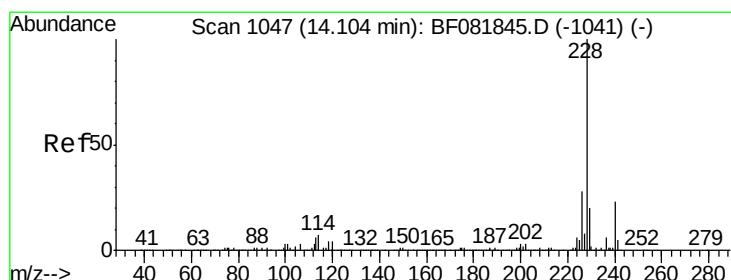
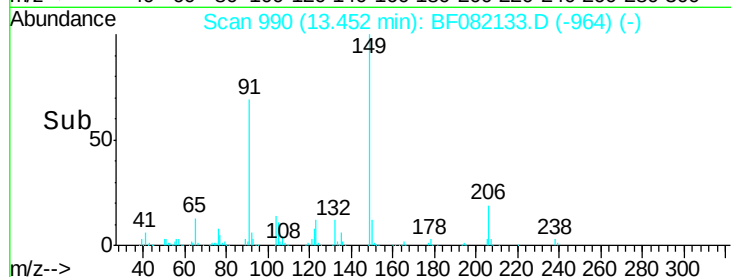
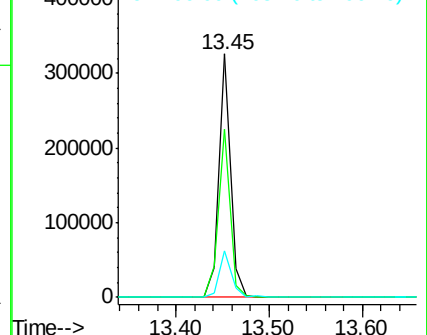
206 19.1 14.9 22.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 33.06 ng

RT: 14.02 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

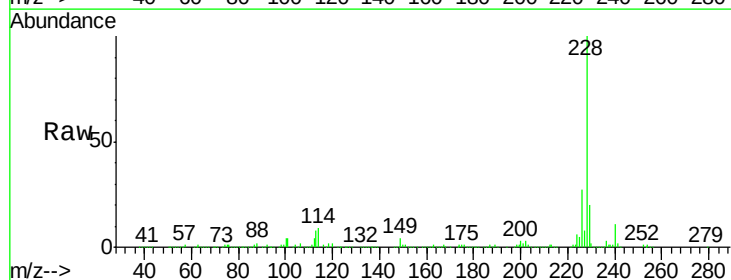
Tgt Ion:228 Resp: 568432

Ion Ratio Lower Upper

228 100

226 27.4 20.0 30.0

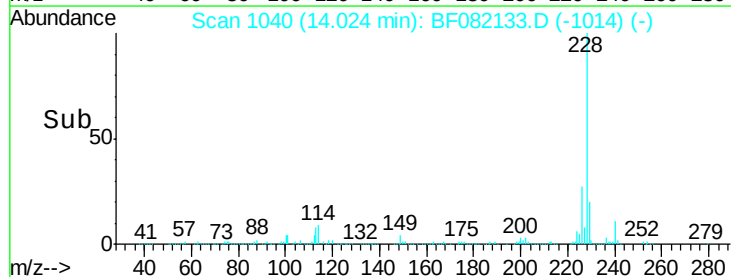
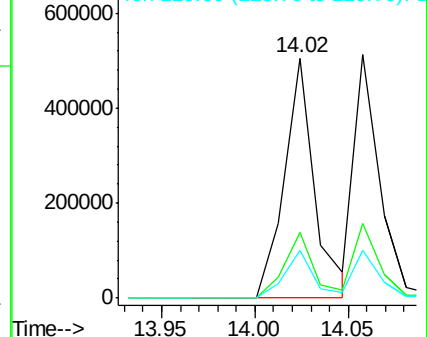
229 19.8 15.4 23.2

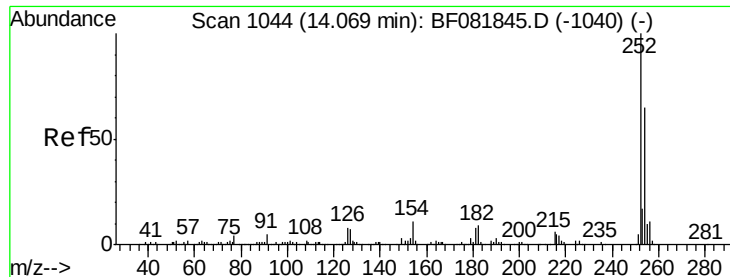


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

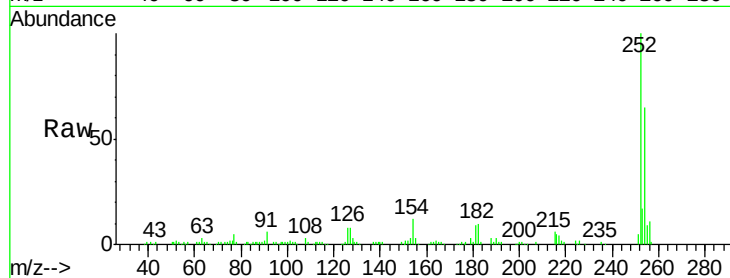




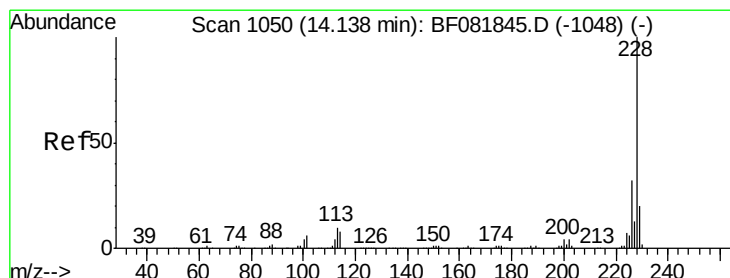
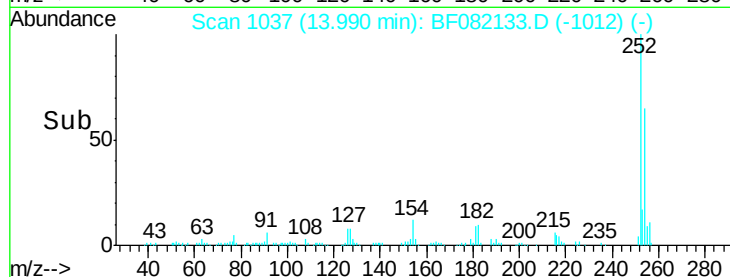
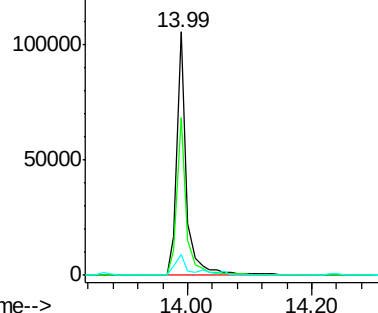
#81
 3,3'-Dichlorobenzidine
 Concen: 19.94 ng
 RT: 13.99 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF082133.D
 Acq: 8 Oct 2015 18:07

Instrument :
 BNA_F
 ClientSampleId :
 MGP215BR-20-21MSD

Tot Ion:252 Resp: 115756
 Ion Ratio Lower Upper
 252 100
 254 64.7 51.4 77.2
 126 8.3 16.4 24.6#

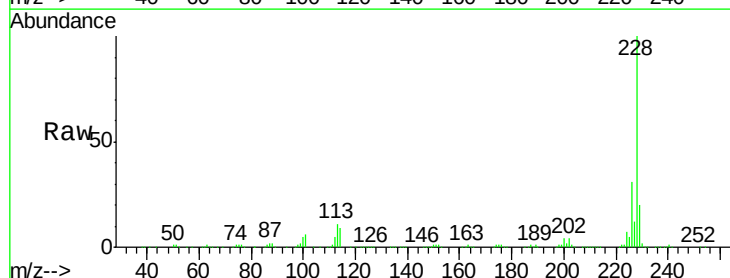


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

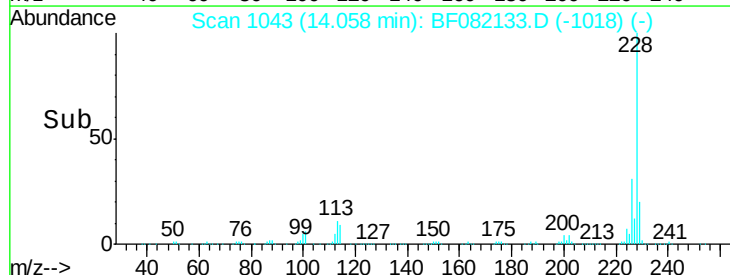
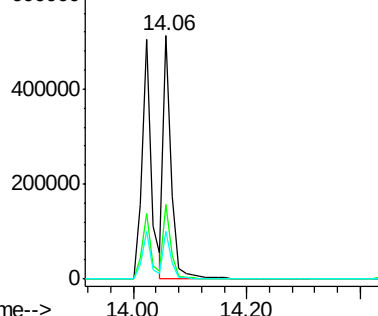


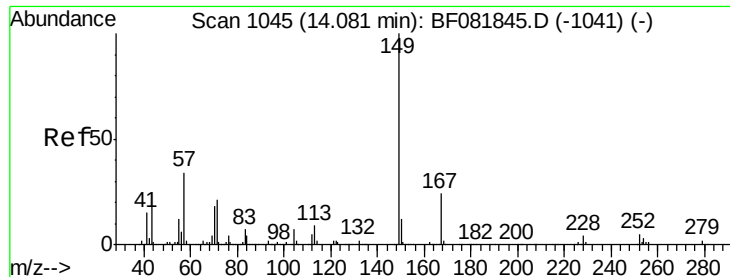
#82
 Chrysene
 Concen: 29.57 ng
 RT: 14.06 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF082133.D
 Acq: 8 Oct 2015 18:07

Tgt Ion:228 Resp: 518950
 Ion Ratio Lower Upper
 228 100
 226 30.6 21.0 31.4
 229 19.8 15.6 23.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.84 ng

RT: 14.01 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

Instrument :

BNA_F

ClientSampleId :

MGP215BR-20-21MSD

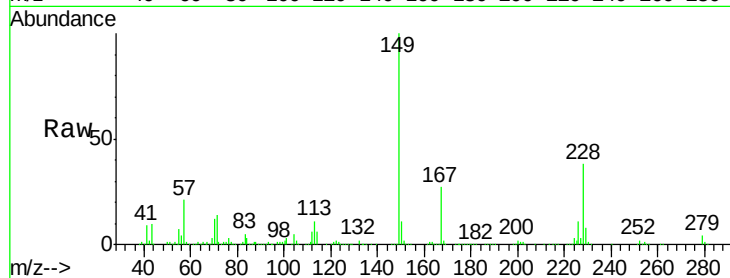
Tot Ion:149 Resp: 403666

Ion Ratio Lower Upper

149 100

167 26.9 24.2 36.2

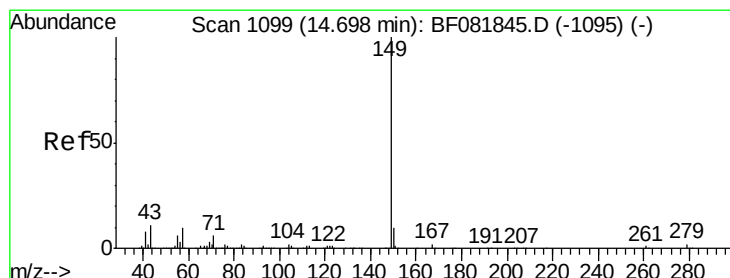
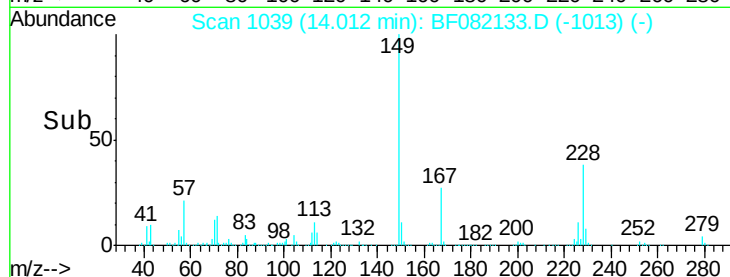
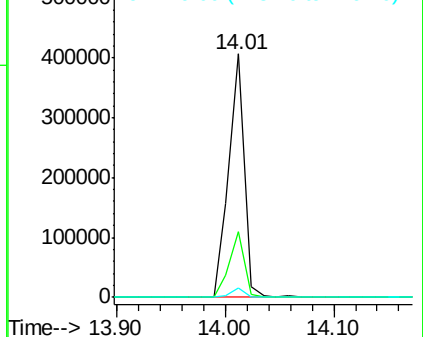
279 3.8 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.37 ng

RT: 14.62 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BF082133.D

Acq: 8 Oct 2015 18:07

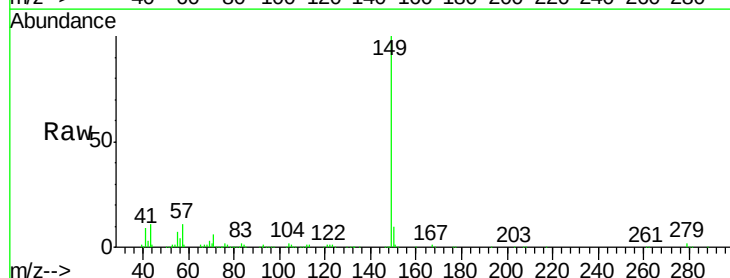
Tgt Ion:149 Resp: 635405

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

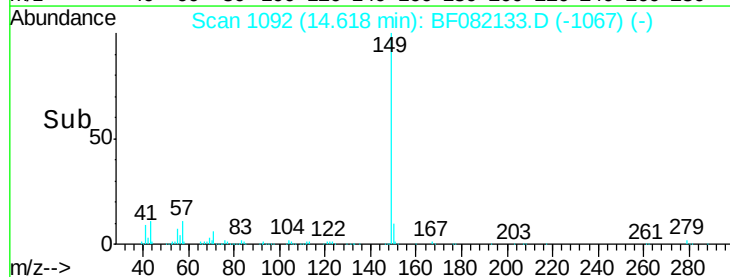
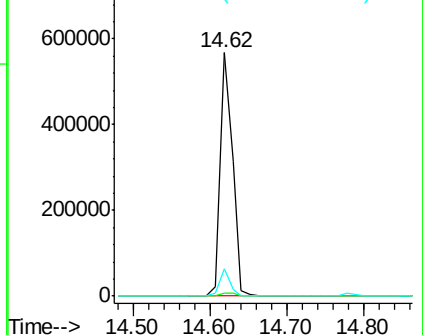
43 9.2 10.2 15.2#

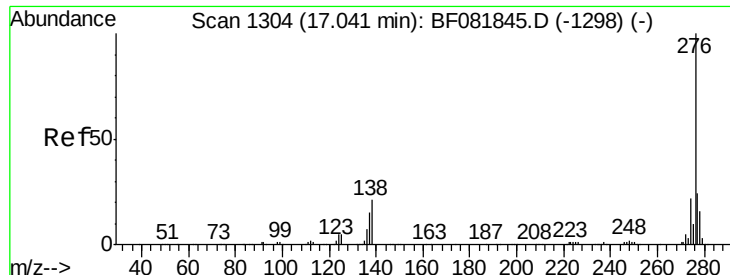


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

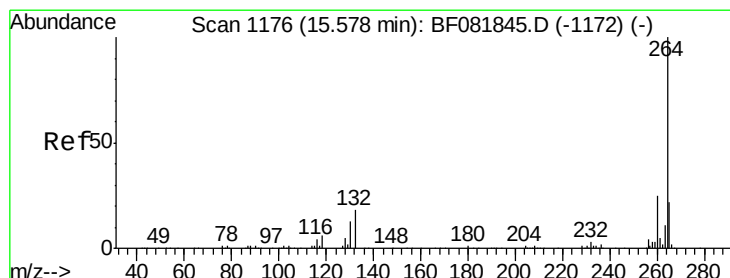
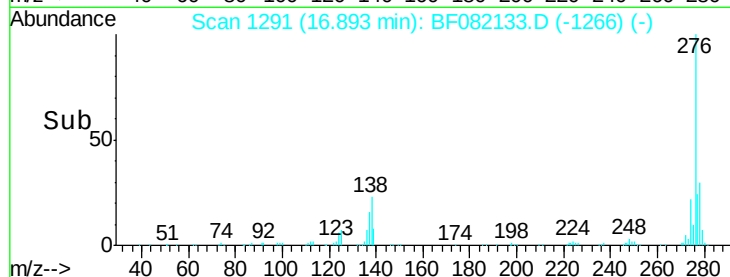
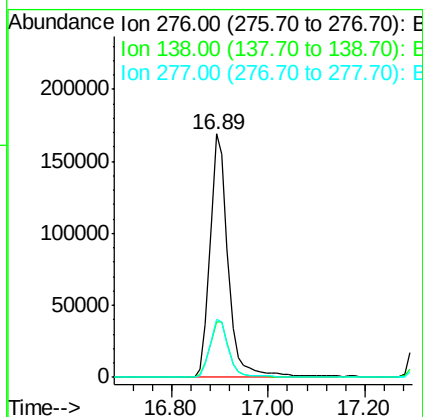
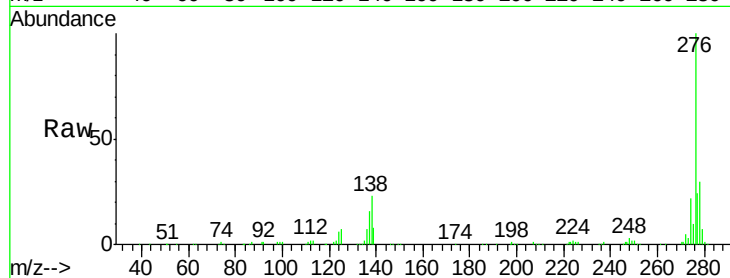




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.53 ng
 RT: 16.89 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BF082133.D
 Acq: 8 Oct 2015 18:07

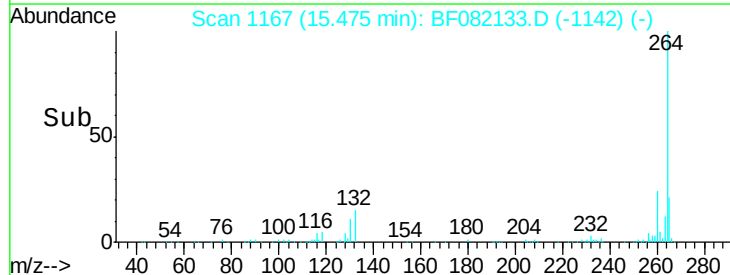
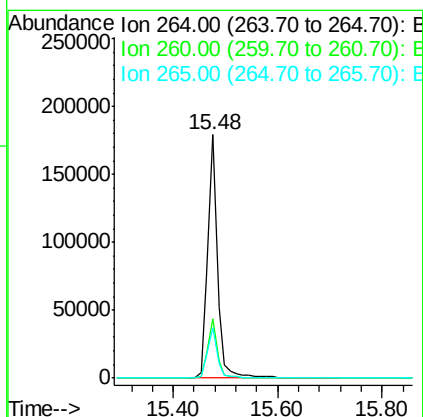
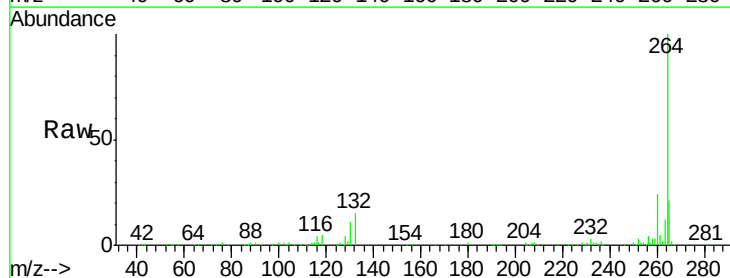
Instrument :
 BNA_F
 ClientSampleId :
 MGP215BR-20-21MSD

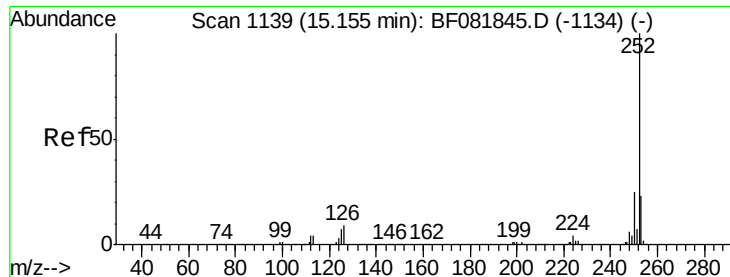
Tot Ion: 276 Resp: 450965
 Ion Ratio Lower Upper
 276 100
 138 24.6 25.7 38.5#
 277 24.7 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF082133.D
 Acq: 8 Oct 2015 18:07

Tgt Ion: 264 Resp: 234654
 Ion Ratio Lower Upper
 264 100
 260 24.4 16.7 25.1
 265 20.7 17.2 25.8

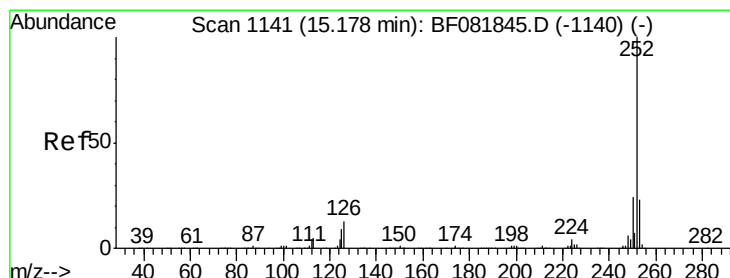
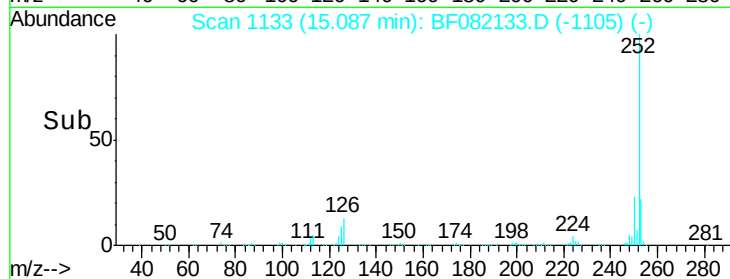
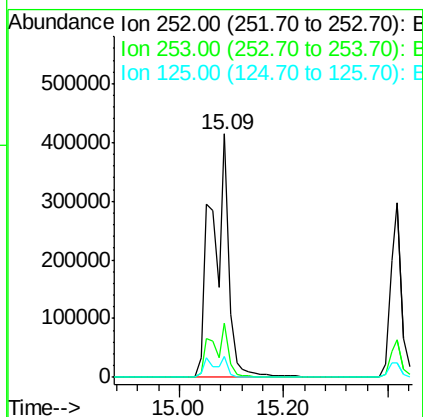
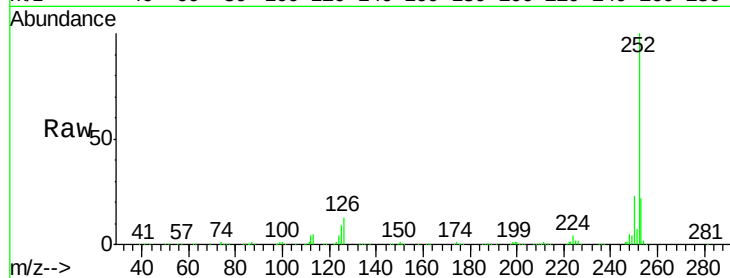




#87
Benzo(b)fluoranthene
Concen: 70.51 ng
RT: 15.09 min Scan# 1133
Delta R.T. 0.02 min
Lab File: BF082133.D
Acq: 8 Oct 2015 18:07

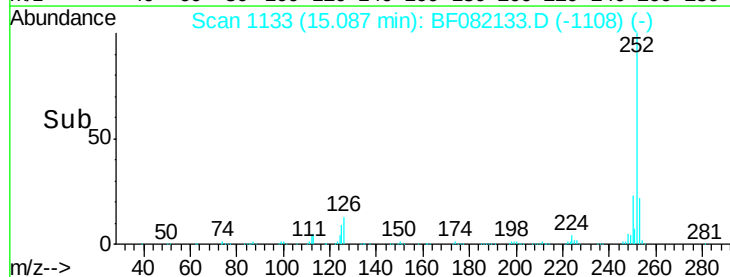
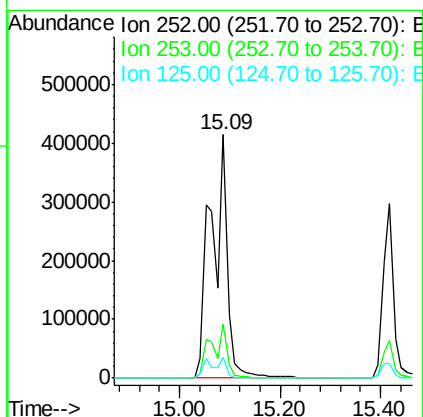
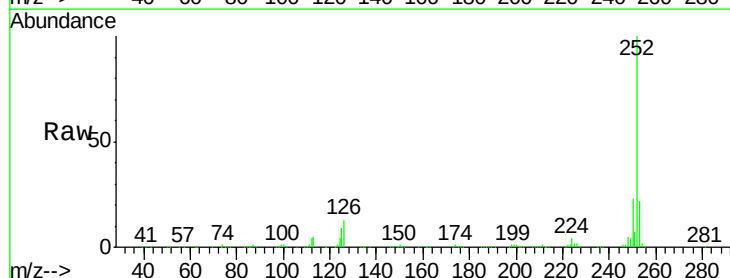
Instrument :
BNA_F
ClientSampleId :
MGP215BR-20-21MSD

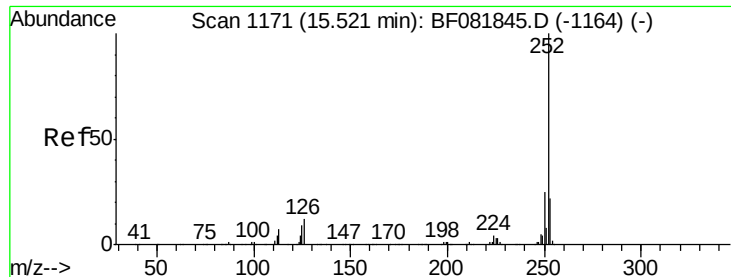
Tot Ion:252 Resp: 944624
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 8.7 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 76.97 ng
RT: 15.09 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF082133.D
Acq: 8 Oct 2015 18:07

Tgt Ion:252 Resp: 945134
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.4
125 8.7 16.0 24.0#

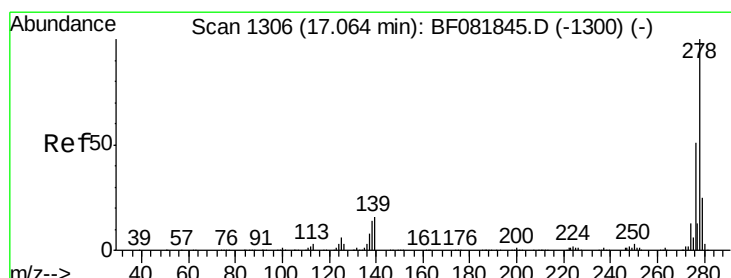
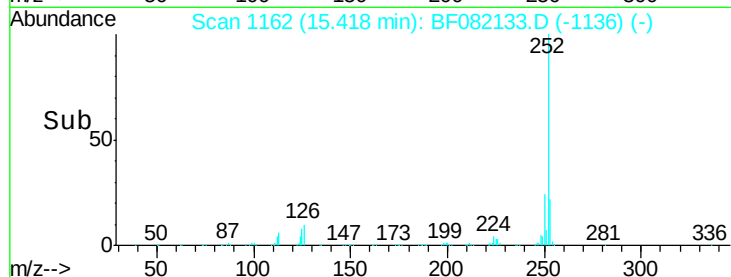
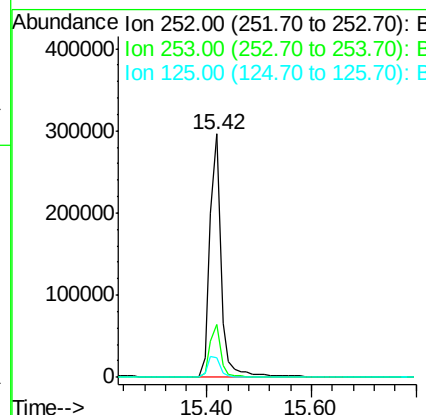
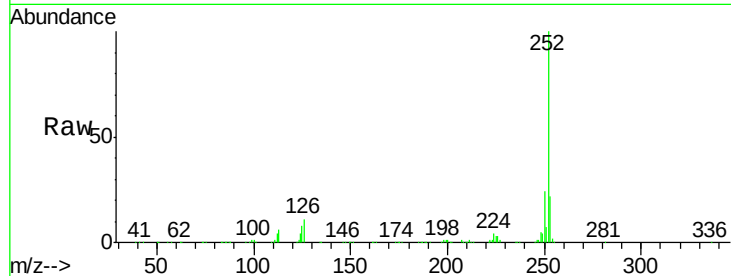




#89
Benzo(a)pyrene
Concen: 37.86 ng
RT: 15.42 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF082133.D
Acq: 8 Oct 2015 18:07

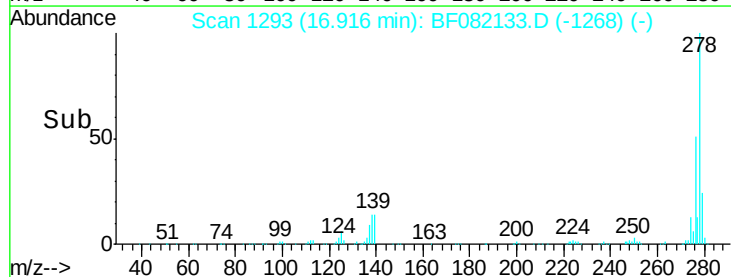
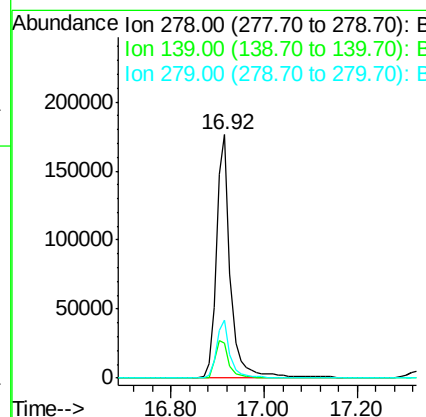
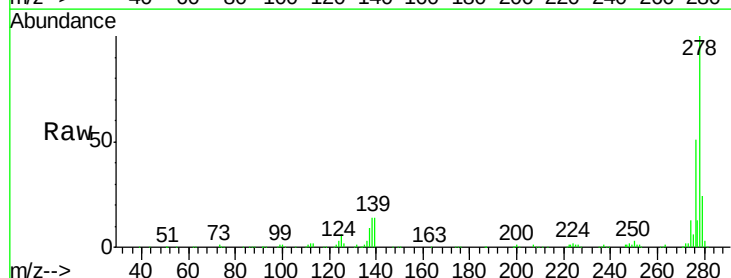
Instrument :
BNA_F
ClientSampleId :
MGP215BR-20-21MSD

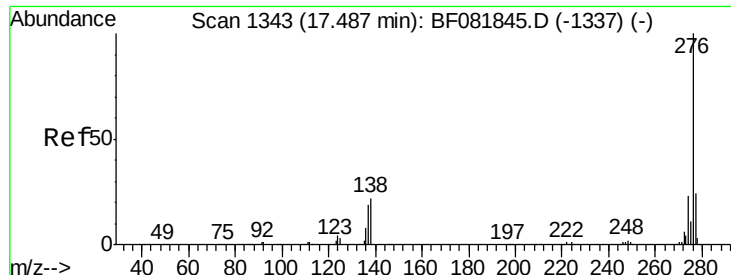
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	8.3	18.0	27.0#



#90
Dibenzo(a,h)anthracene
Concen: 38.18 ng
RT: 16.92 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF082133.D
Acq: 8 Oct 2015 18:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.1	26.3	39.5#
279	24.0	18.2	27.4

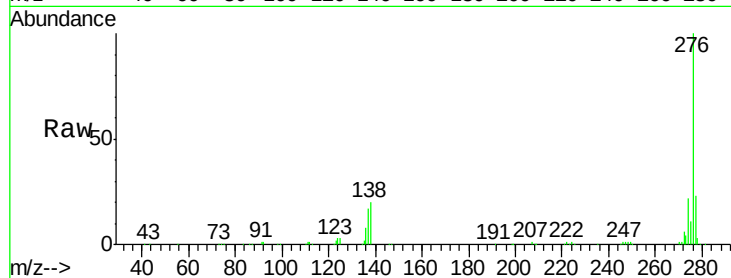




#91
 Benzo(a,h,i)perylene
 Concen: 37.34 ng
 RT: 17.33 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF082133.D
 Acq: 8 Oct 2015 18:07

Instrument :
 BNA_F
 ClientSampleId :
 MGP215BR-20-21MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.8	26.6
138	20.0	34.6	51.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

