

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092915\
 Data File : BF081881.D
 Acq On : 29 Sep 2015 15:55
 Operator : UM/IZ
 Sample : PB85717BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85717BS

Quant Time: Sep 30 00:39:04 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	84766	20.00	ng	-0.01
21) Naphthalene-d8	8.21	136	321323	20.00	ng	-0.01
38) Acenaphthene-d10	9.97	164	168726	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	420682	20.00	ng	-0.01
75) Chrysene-d12	14.10	240	412183	20.00	ng	-0.01
86) Perylene-d12	15.57	264	294439	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	504565	108.06	ng	0.00
7) Phenol-d6	6.55	99	614117	104.52	ng	-0.01
23) Nitrobenzene-d5	7.49	82	399443	82.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.77	330	234282	137.10	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	862640	85.69	ng	-0.01
78) Terphenyl-d14	13.04	244	1019663	78.14	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.59	88	50279	24.76	ng	92
3) Pyridine	3.35	79	122677	23.20	ng	90
4) n-Nitrosodimethylamine	3.30	42	65814	27.41	ng	95
6) Aniline	6.59	93	191458	24.25	ng	# 89
8) 2-Chlorophenol	6.71	128	188541	36.56	ng	99
9) Benzaldehyde	6.47	77	55573	14.44	ng	# 76
10) Phenol	6.56	94	207847	31.53	ng	# 52
11) bis(2-Chloroethyl)ether	6.66	93	193946	37.94	ng	94
12) 1,3-Dichlorobenzene	6.86	146	209406	34.38	ng	# 91
13) 1,4-Dichlorobenzene	7.10	146	195548	30.75	ng	96
14) 1,2-Dichlorobenzene	7.10	146	204868	36.15	ng	99
15) Benzyl Alcohol	7.07	79	151699	35.77	ng	# 74
16) 2,2'-oxybis(1-Chloropropan	7.20	45	259601	35.93	ng	76
17) 2-Methylphenol	7.18	107	152502	36.48	ng	# 83
18) Hexachloroethane	7.43	117	73189	36.76	ng	90
19) n-Nitroso-di-n-propylamine	7.34	70	133079	37.26	ng	# 78
20) 3+4-Methylphenols	7.33	107	187904	35.58	ng	# 67
22) Acetophenone	7.34	105	266022	40.49	ng	# 81
24) Nitrobenzene	7.51	77	202400	38.67	ng	# 68
25) Isophorone	7.75	82	363623	38.06	ng	# 93
26) 2-Nitrophenol	7.83	139	100435	39.97	ng	# 75
27) 2,4-Dimethylphenol	7.86	122	172581	39.05	ng	# 79
28) bis(2-Chloroethoxy)methane	7.97	93	216211	38.11	ng	# 95
29) 2,4-Dichlorophenol	8.07	162	176092	41.09	ng	98
30) 1,2,4-Trichlorobenzene	8.15	180	185807	38.83	ng	99
31) Naphthalene	8.23	128	551082	38.71	ng	98
32) Benzoic acid	7.98	122	81451	33.44	ng	# 66
33) 4-Chloroaniline	8.29	127	128349	20.85	ng	# 92
34) Hexachlorobutadiene	8.34	225	109328	38.64	ng	99
35) Caprolactam	8.65	113	29000	24.44	ng	# 86
36) 4-Chloro-3-methylphenol	8.77	107	179961	42.94	ng	86
37) 2-Methylnaphthalene	8.93	142	389585	40.09	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	183957	35.51	ng	98
40) Hexachlorocyclopentadiene	9.07	237	239065	89.62	ng	97

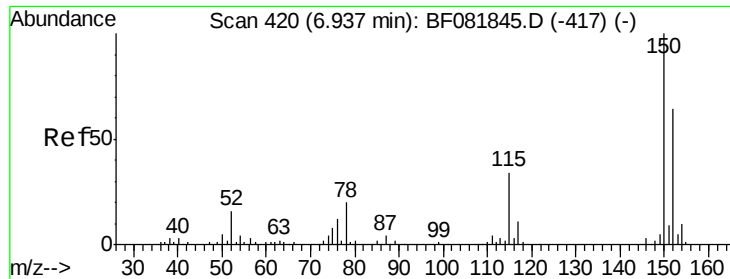
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092915\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	123957	34.91	ng	99
43) 2,4,5-Trichlorophenol	9.25	196	154151	42.21	ng	97
45) 1,1'-Biphenyl	9.39	154	476266	36.59	ng	95
46) 2-Chloronaphthalene	9.42	162	399738	39.11	ng	96
47) 2-Nitroaniline	9.52	65	120365	40.12	ng	89
48) Acenaphthylene	9.83	152	603624	36.90	ng	96
49) Dimethylphthalate	9.69	163	489499	42.03	ng	# 98
50) 2,6-Dinitrotoluene	9.76	165	104881	41.48	ng	96
51) Acenaphthene	10.00	154	417234	42.95	ng	89
52) 3-Nitroaniline	9.93	138	72613	24.82	ng	# 77
53) 2,4-Dinitrophenol	10.03	184	98515	79.98	ng	# 72
54) Dibenzofuran	10.17	168	523339	38.12	ng	# 84
55) 4-Nitrophenol	10.09	139	181406	85.82	ng	# 61
56) 2,4-Dinitrotoluene	10.16	165	148983	46.22	ng	# 89
57) Fluorene	10.51	166	428111	43.53	ng	91
58) 2,3,4,6-Tetrachlorophenol	10.29	232	127470	44.00	ng	94
59) Diethylphthalate	10.39	149	468264	43.04	ng	97
60) 4-Chlorophenyl-phenylether	10.51	204	206660	41.12	ng	95
61) 4-Nitroaniline	10.55	138	112068	38.21	ng	# 44
62) Azobenzene	10.67	77	474912	44.73	ng	96
64) 4,6-Dinitro-2-methylphenol	10.56	198	62793	35.19	ng	# 77
65) n-Nitrosodiphenylamine	10.63	169	385121	30.26	ng	90
66) 4-Bromophenyl-phenylether	11.01	248	159369	37.57	ng	# 88
67) Hexachlorobenzene	11.06	284	181515	37.92	ng	# 81
68) Atrazine	11.15	200	149798	37.93	ng	84
69) Pentachlorophenol	11.26	266	215799	79.12	ng	99
70) Phenanthrene	11.49	178	836051	41.15	ng	96
71) Anthracene	11.53	178	856138	40.04	ng	96
72) Carbazole	11.69	167	792903	40.97	ng	95
73) Di-n-butylphthalate	12.01	149	893762	45.36	ng	# 97
74) Fluoranthene	12.67	202	897139	39.81	ng	86
76) Benzidine	12.80	184	325985	26.25	ng	98
77) Pyrene	12.90	202	899414	36.53	ng	96
79) Butylbenzylphthalate	13.52	149	430169	46.43	ng	98
80) Benzo(a)anthracene	14.09	228	859325	38.72	ng	96
81) 3,3'-Dichlorobenzidine	14.06	252	204561	27.29	ng	# 94
82) Chrysene	14.09	228	859325	43.74	ng	97
83) Bis(2-ethylhexyl)phthalate	14.07	149	570011	49.04	ng	# 89
84) Di-n-octyl phthalate	14.69	149	888110	46.95	ng	# 93
85) Indeno(1,2,3-cd)pyrene	17.03	276	712104	41.01	ng	# 86
87) Benzo(b)fluoranthene	15.14	252	748209	44.51	ng	# 85
88) Benzo(k)fluoranthene	15.14	252	748209	48.56	ng	# 86
89) Benzo(a)pyrene	15.51	252	602748	41.34	ng	# 85
90) Dibenzo(a,h)anthracene	17.05	278	591319	48.33	ng	# 79
91) Benzo(g,h,i)perylene	17.48	276	566463	45.18	ng	# 72

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 419

Delta R.T. -0.01 min

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PB85717BS

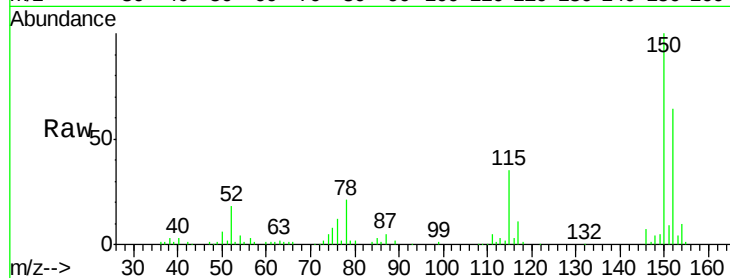
Tgt Ion:152 Resp: 84766

Ion Ratio Lower Upper

152 100

150 157.1 124.7 187.1

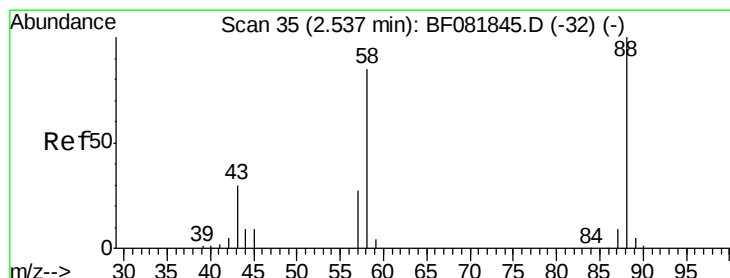
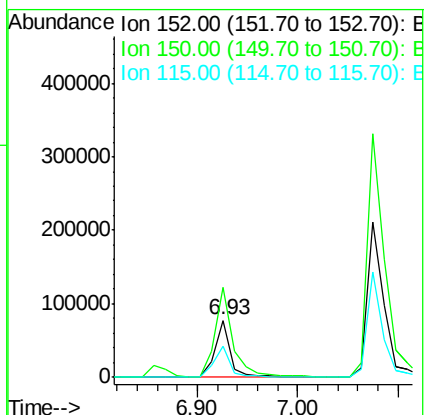
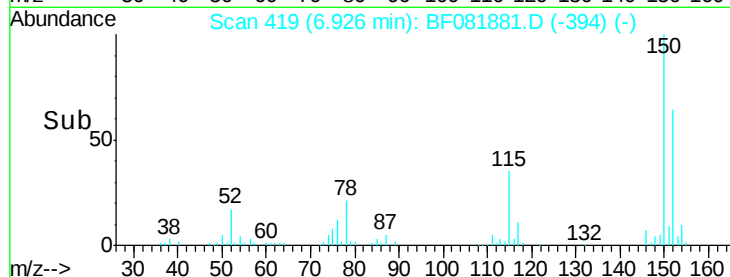
115 54.6 39.0 58.4



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: 24.76 ng

RT: 2.59 min Scan# 40

Delta R.T. 0.06 min

Lab File: BF081881.D

Acq: 29 Sep 2015 15:55

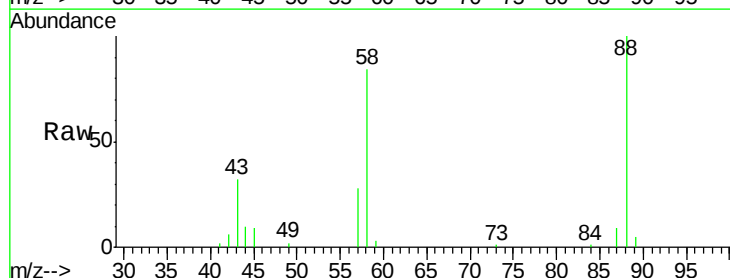
Tgt Ion: 88 Resp: 50279

Ion Ratio Lower Upper

88 100

58 87.3 77.7 116.5

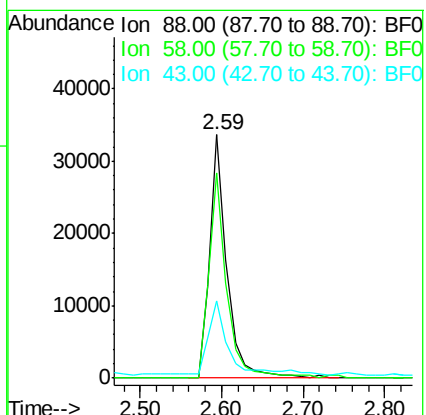
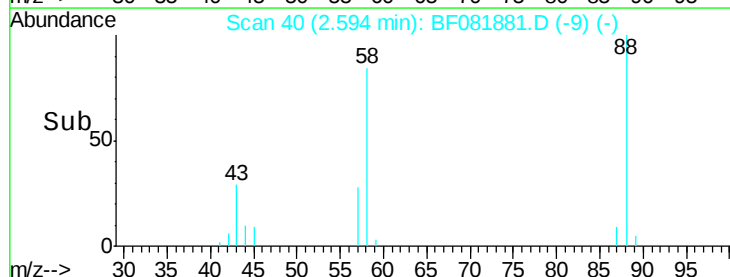
43 32.7 26.6 40.0



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

Pyridine

Concen: 23.20 ng

RT: 3.35 min Scan# 106

Delta R.T. 0.05 min

Lab File: BF081881.D

Acq: 29 Sep 2015 15:55

Instrument :

BNA_F

ClientSampleId :

PB85717BS

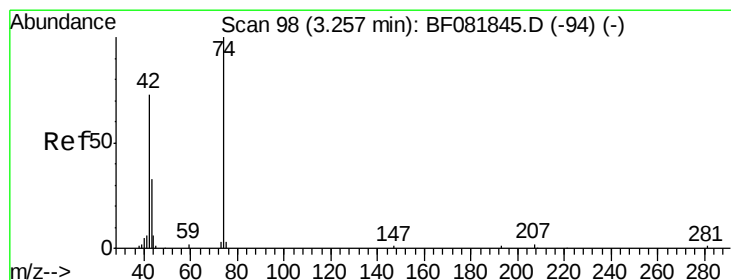
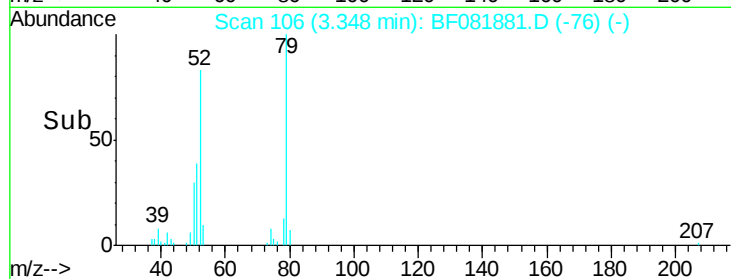
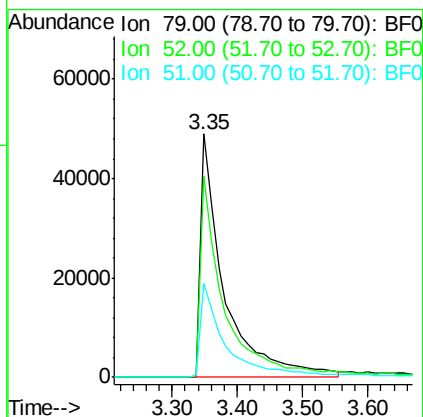
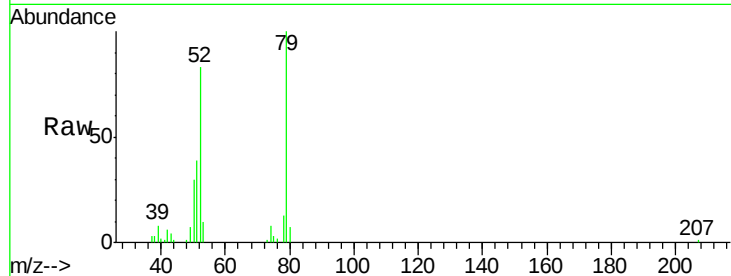
Tgt Ion: 79 Resp: 122677

Ion Ratio Lower Upper

79 100

52 82.6 76.8 115.2

51 38.7 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 27.41 ng

RT: 3.30 min Scan# 102

Delta R.T. 0.05 min

Lab File: BF081881.D

Acq: 29 Sep 2015 15:55

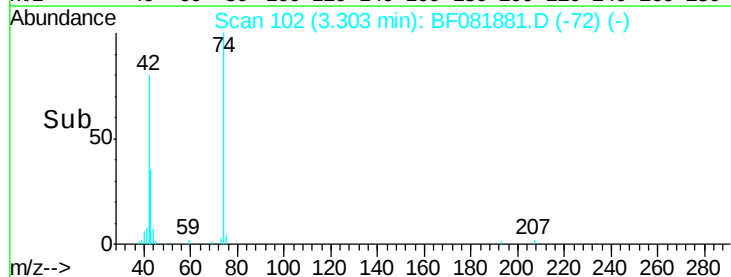
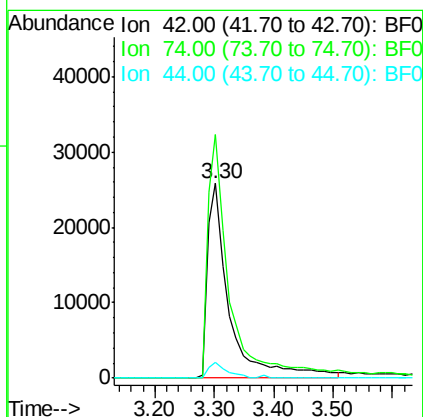
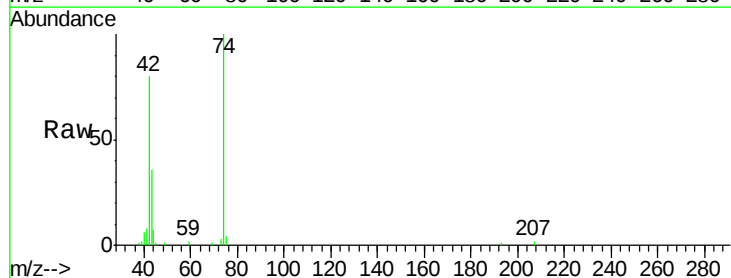
Tgt Ion: 42 Resp: 65814

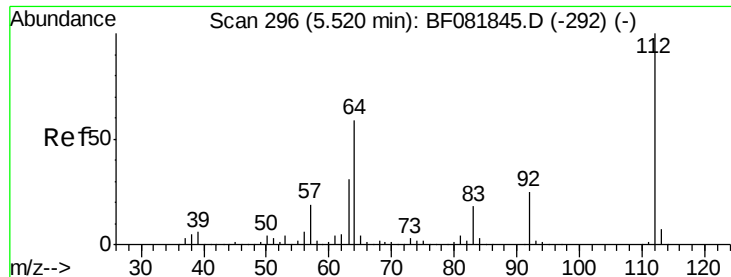
Ion Ratio Lower Upper

42 100

74 125.0 105.0 157.6

44 8.2 6.6 10.0





#5

2-Fluorophenol

Concen: 108.06 ng

RT: 5.52 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF081881.D

Acq: 29 Sep 2015 15:55

Instrument :

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ClientSampleId :

PB85717BS

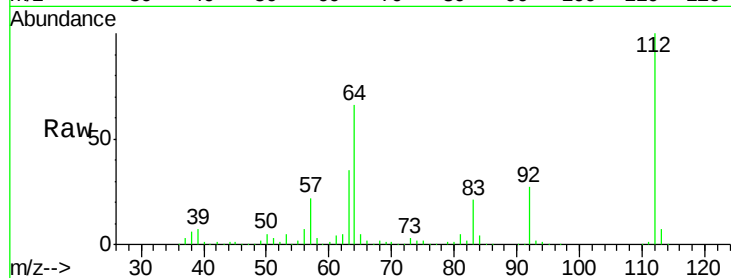
Tgt Ion: 112 Resp: 504565

Ion Ratio Lower Upper

112 100

64 65.8 39.7 59.5#

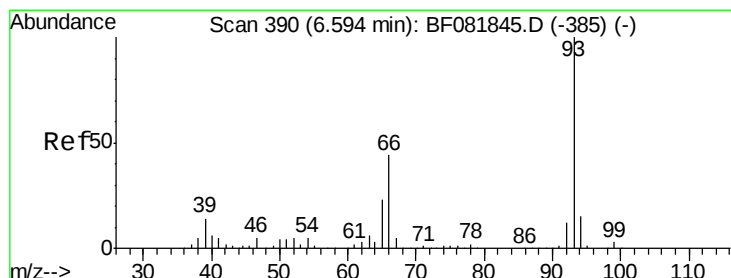
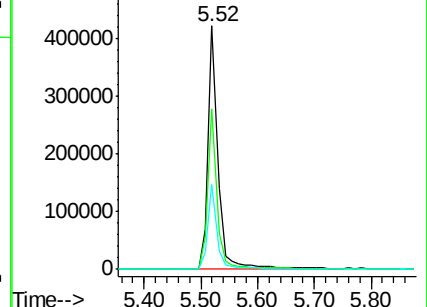
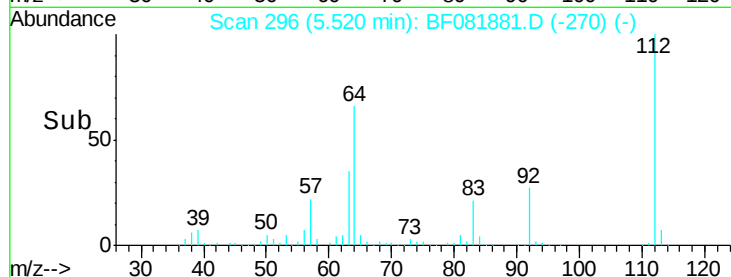
63 35.1 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.25 ng

RT: 6.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF081881.D

Acq: 29 Sep 2015 15:55

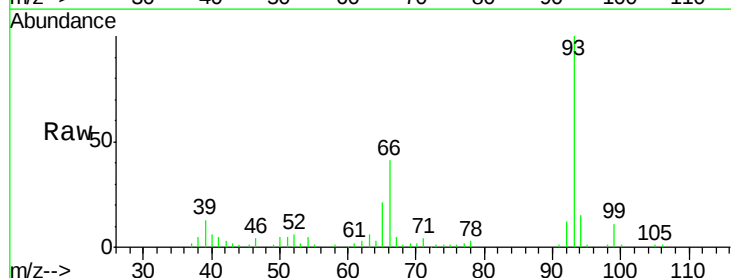
Tgt Ion: 93 Resp: 191458

Ion Ratio Lower Upper

93 100

66 41.5 27.2 40.8#

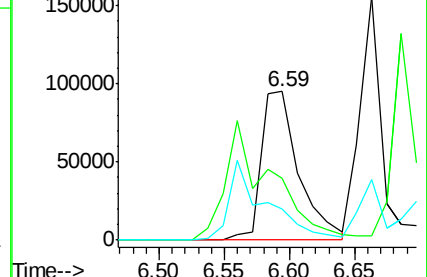
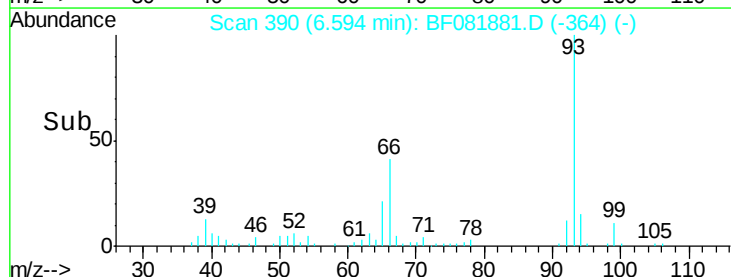
65 21.1 14.7 22.1

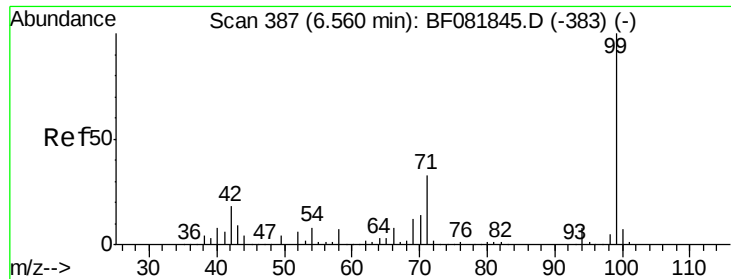


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 104.52 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF081881.D

Acq: 29 Sep 2015 15:55

Instrument :

BNA_F

ClientSampled :

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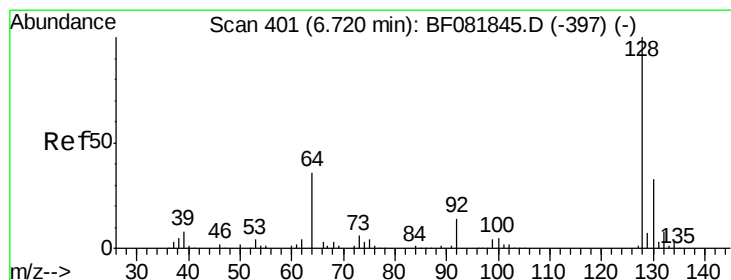
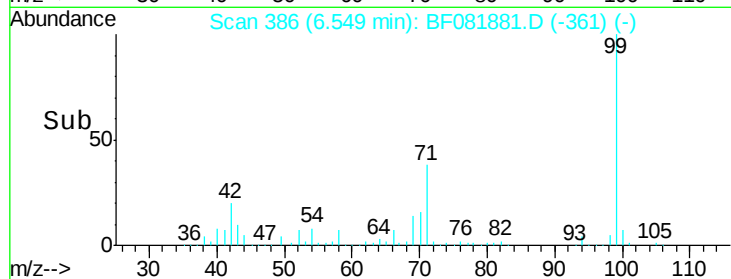
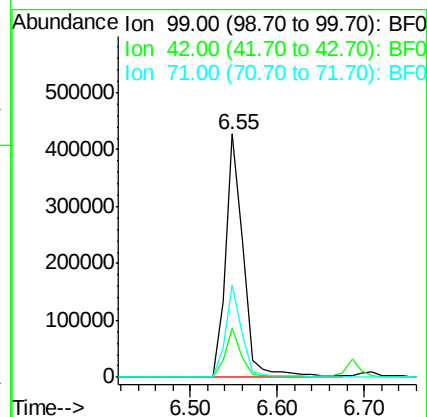
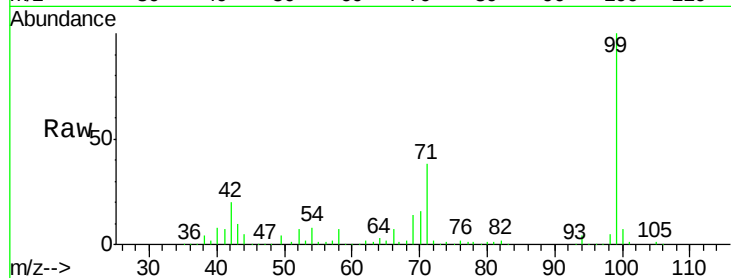
Tgt Ion: 99 Resp: 614117

Ion Ratio Lower Upper

99 100

42 19.9 13.7 20.5

71 37.8 14.2 21.2#



#8

2-Chlorophenol

Concen: 36.56 ng

RT: 6.71 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF081881.D

Acq: 29 Sep 2015 15:55

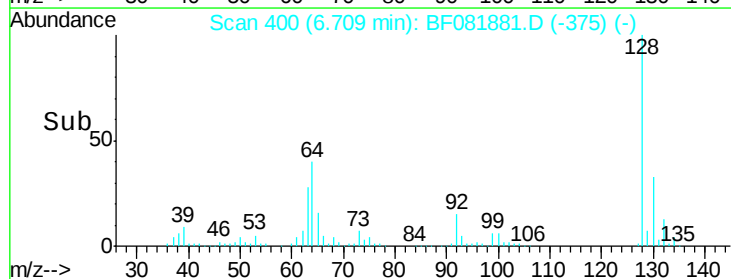
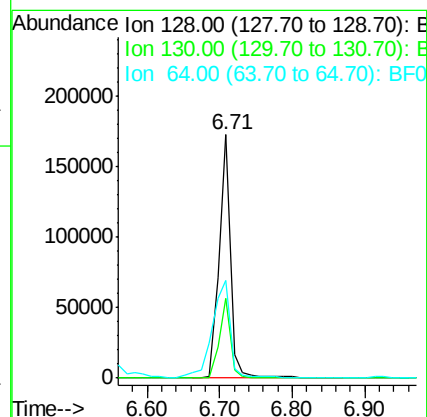
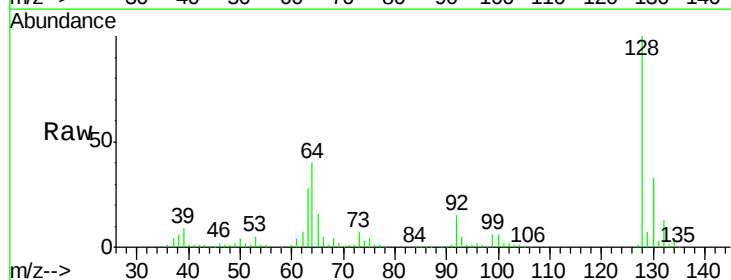
Tgt Ion: 128 Resp: 188541

Ion Ratio Lower Upper

128 100

130 32.7 12.2 52.2

64 40.0 20.5 60.5





#9

Benzaldehyde

Concen: 14.44 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF081881.D

Acq: 29 Sep 2015 15:55

Instrument :

BNA_F

ClientSampleId :

PB85717BS

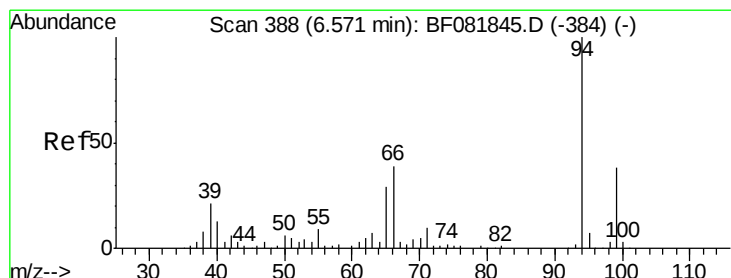
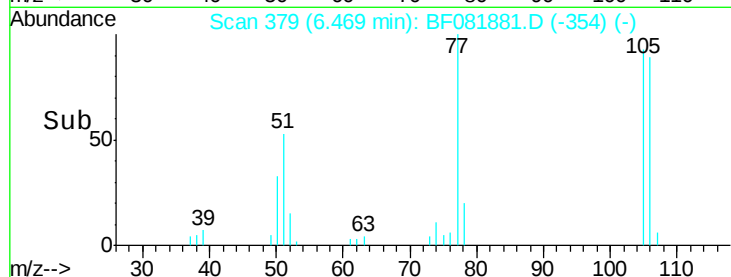
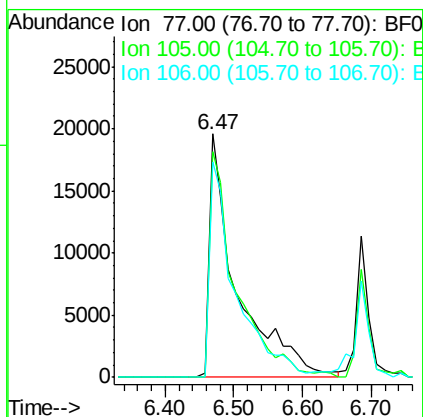
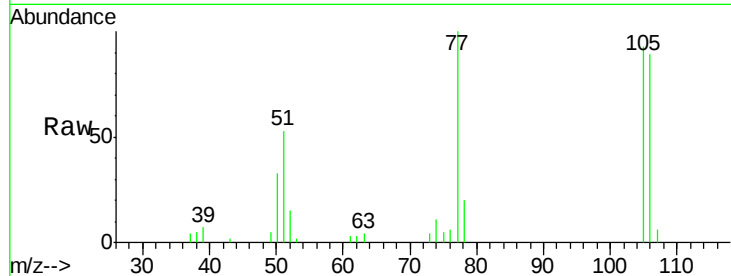
Tgt Ion: 77 Resp: 55573

Ion Ratio Lower Upper

77 100

105 92.7 91.6 131.6

106 88.7 102.6 142.6#



#10

Phenol

Concen: 31.53 ng

RT: 6.56 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF081881.D

Acq: 29 Sep 2015 15:55

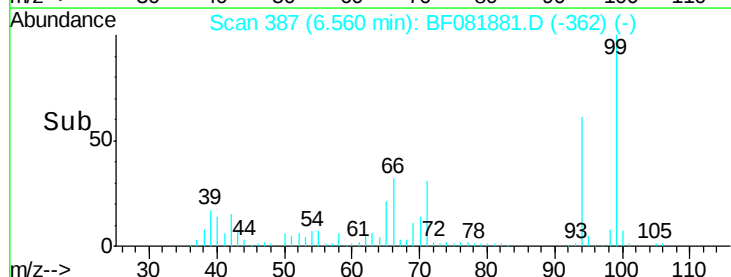
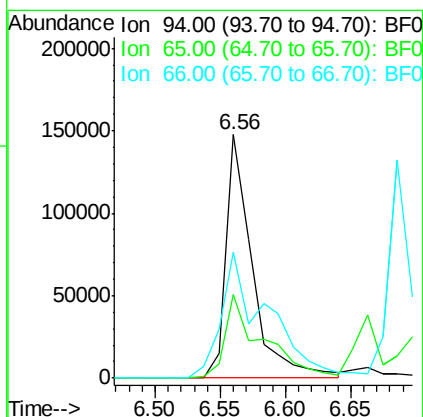
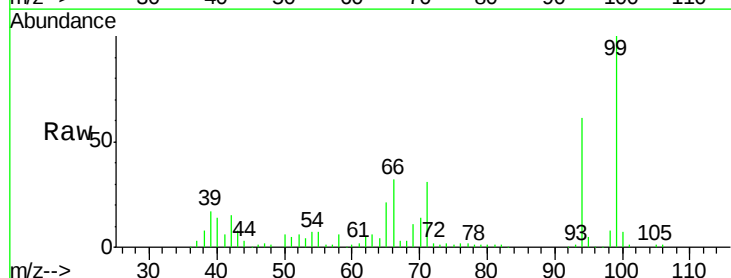
Tgt Ion: 94 Resp: 207847

Ion Ratio Lower Upper

94 100

65 34.3 0.7 40.7

66 51.8 0.8 40.8#

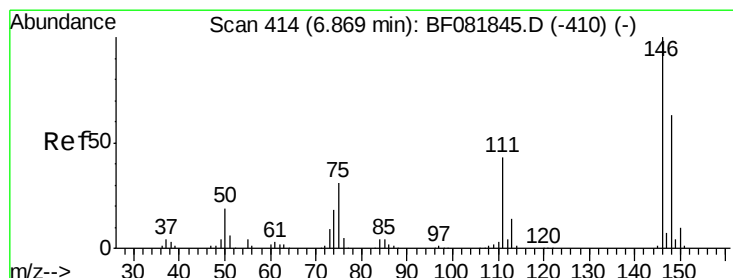
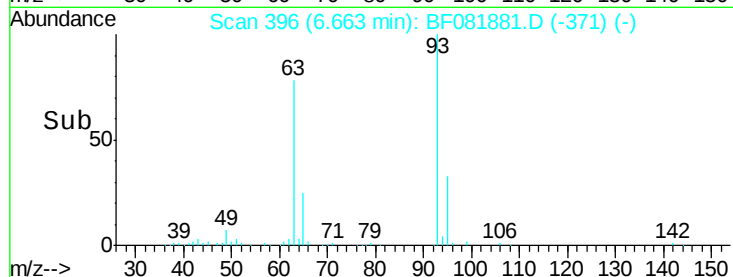
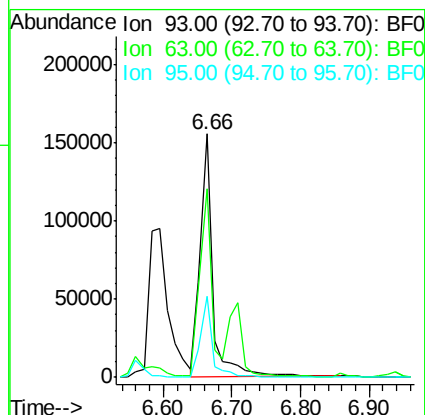
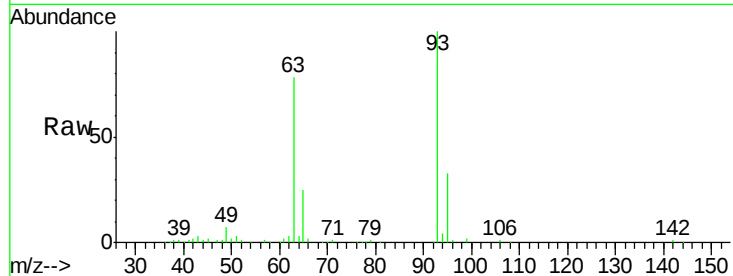




#11
 bis(2-Chloroethyl)ether
 Concen: 37.94 ng
 RT: 6.66 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BF081881.D
 Acq: 29 Sep 2015 15:55

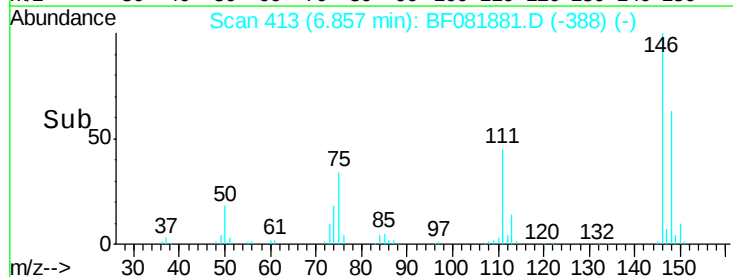
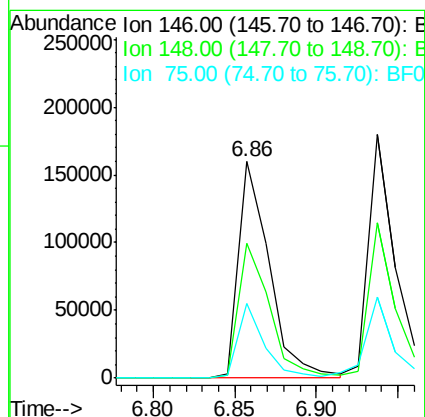
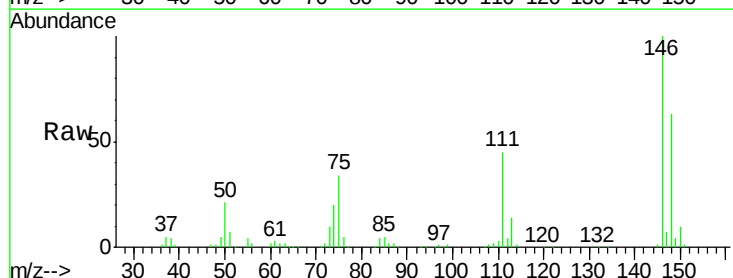
Instrument :
 BNA_F
 ClientSampleId :
 PB85717BS

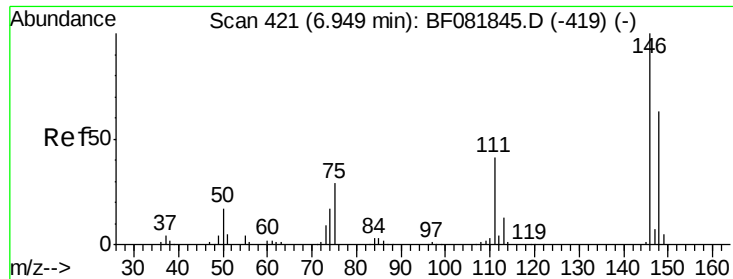
Tgt Ion: 93 Resp: 193946
 Ion Ratio Lower Upper
 93 100
 63 77.5 65.6 105.6
 95 33.3 13.6 53.6



#12
 1,3-Dichlorobenzene
 Concen: 34.38 ng
 RT: 6.86 min Scan# 413
 Delta R.T. -0.01 min
 Lab File: BF081881.D
 Acq: 29 Sep 2015 15:55

Tgt Ion: 146 Resp: 209406
 Ion Ratio Lower Upper
 146 100
 148 62.5 51.0 76.4
 75 34.3 15.0 22.6#

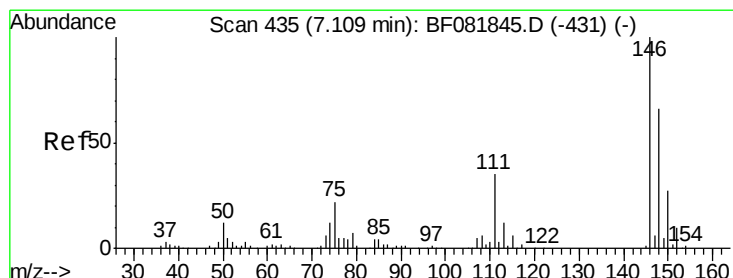
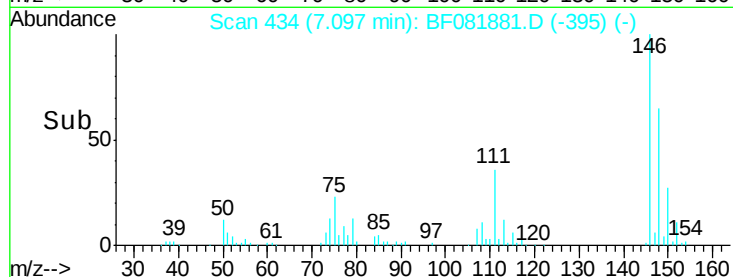
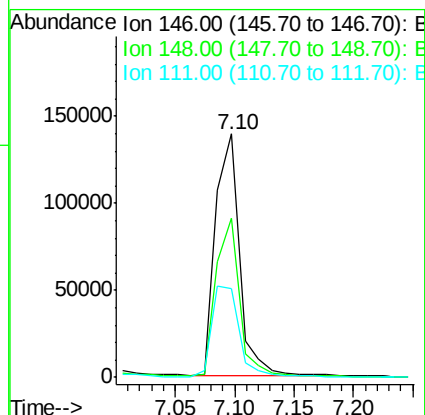
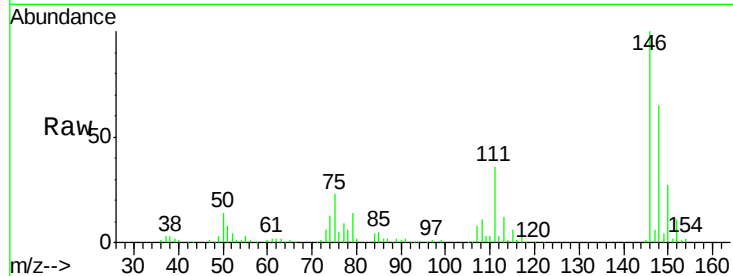




#13
 1,4-Dichlorobenzene
 Concen: 30.75 ng
 RT: 7.10 min Scan# 434
 Delta R.T. 0.15 min
 Lab File: BF081881.D
 Acq: 29 Sep 2015 15:55

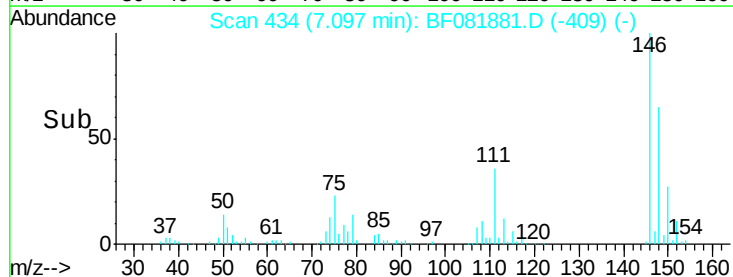
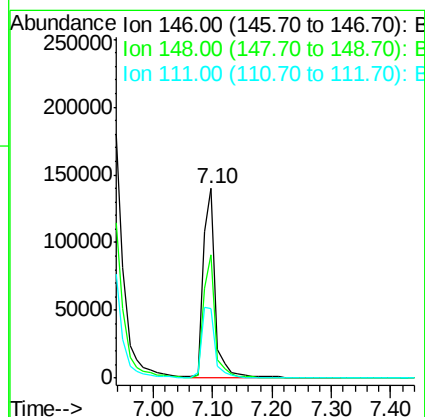
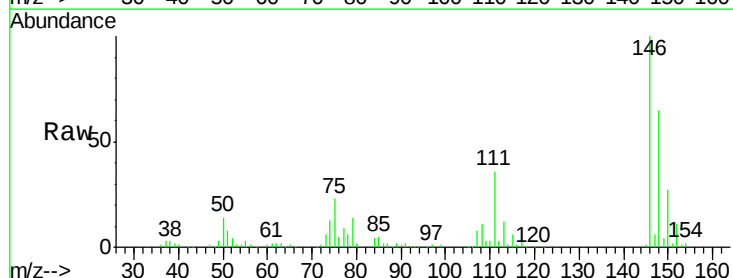
Instrument :
 BNA_F
 ClientSampleId :
 PB85717BS

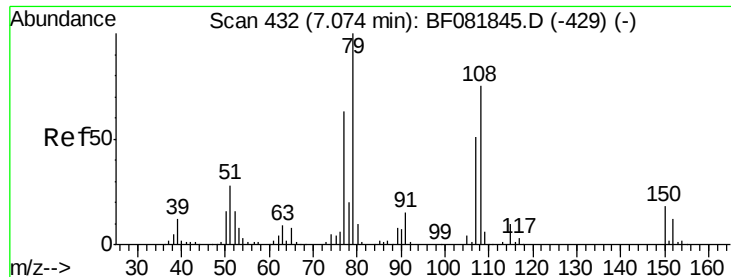
Tgt Ion:146 Resp: 195548
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.8 77.6
 111 36.4 24.9 37.3



#14
 1,2-Dichlorobenzene
 Concen: 36.15 ng
 RT: 7.10 min Scan# 434
 Delta R.T. -0.01 min
 Lab File: BF081881.D
 Acq: 29 Sep 2015 15:55

Tgt Ion:146 Resp: 204868
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.7 79.1
 111 36.4 28.8 43.2





#15

Benzyl Alcohol

Concen: 35.77 ng

RT: 7.07 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF081881.D

Acq: 29 Sep 2015 15:55

Instrument :

BNA_F

ClientSampleId :

PB85717BS

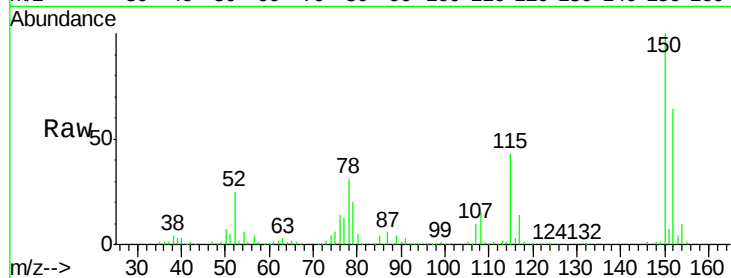
Tgt Ion: 79 Resp: 151699

Ion Ratio Lower Upper

79 100

108 74.0 88.6 132.8#

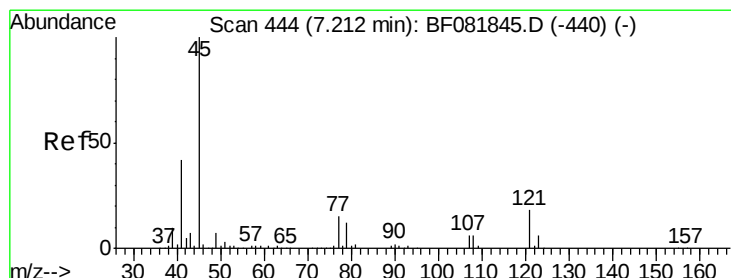
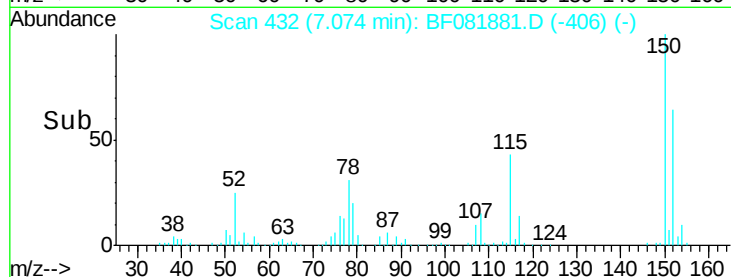
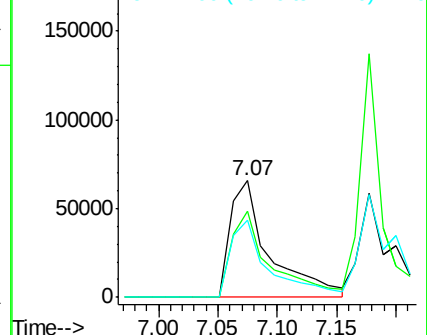
77 66.2 47.0 70.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.93 ng

RT: 7.20 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF081881.D

Acq: 29 Sep 2015 15:55

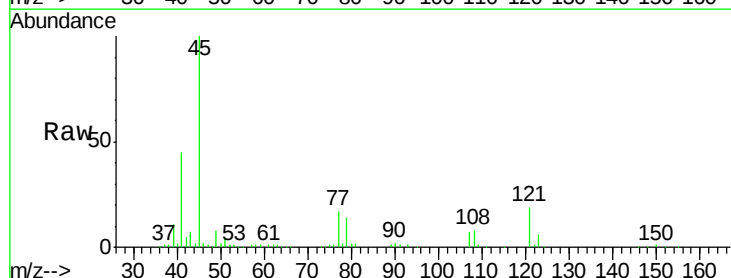
Tgt Ion: 45 Resp: 259601

Ion Ratio Lower Upper

45 100

77 16.8 0.0 28.1

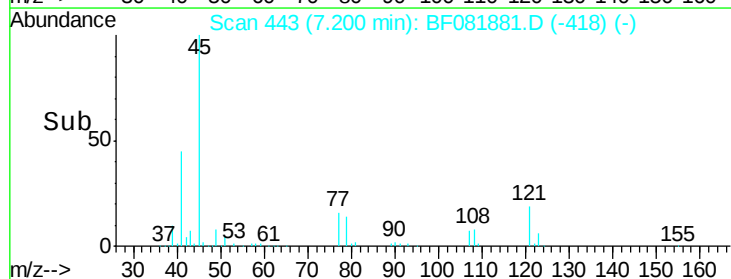
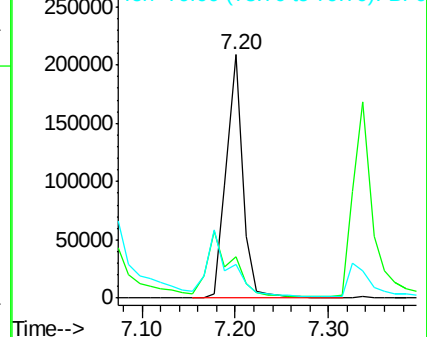
79 14.0 0.0 26.0



Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

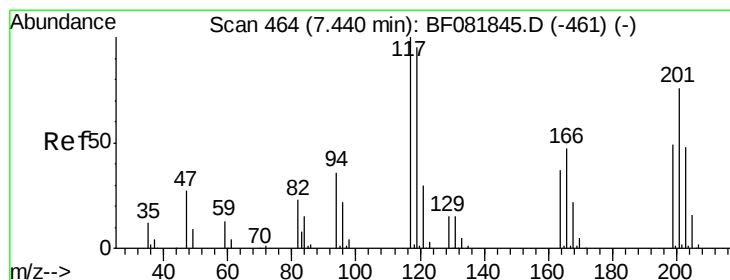
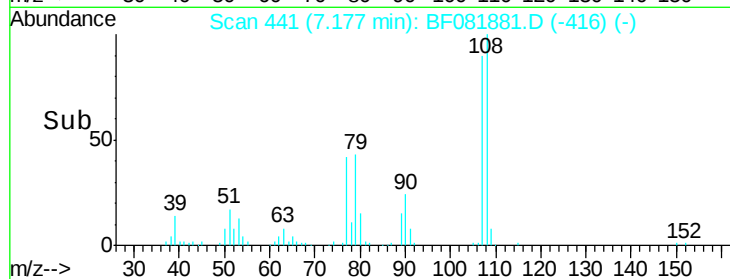
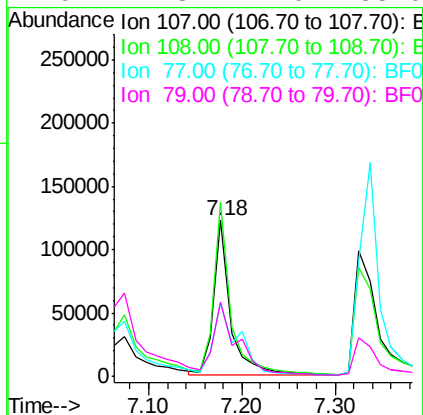
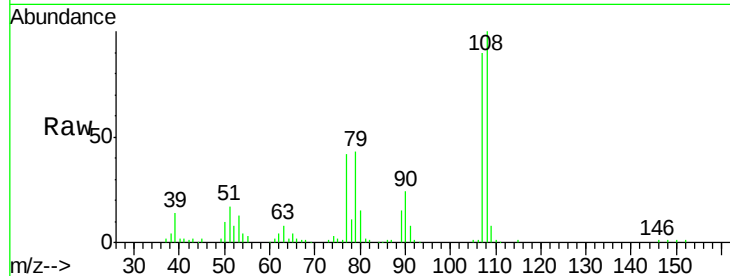




#17
 2-Methylphenol
 Concen: 36.48 ng
 RT: 7.18 min Scan# 441
 Delta R.T. -0.01 min
 Lab File: BF081881.D
 Acq: 29 Sep 2015 15:55

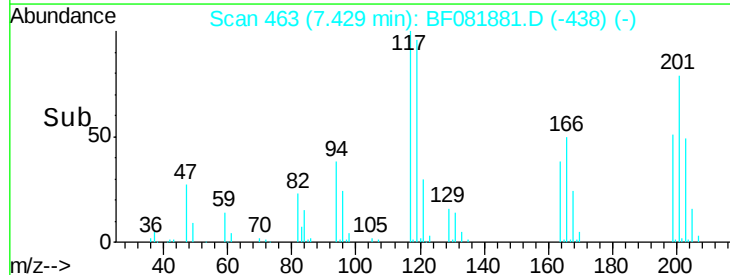
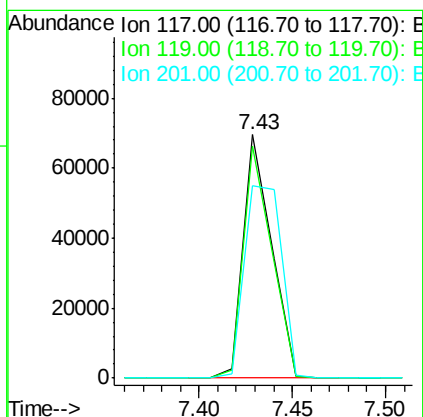
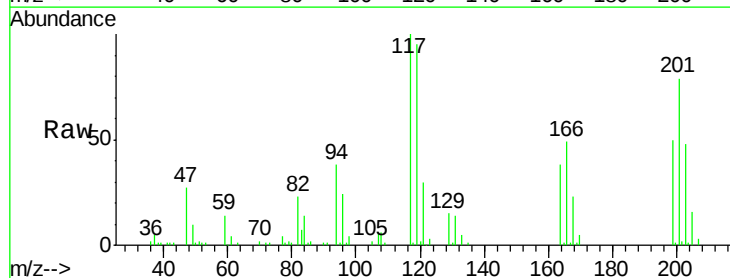
Instrument :
 BNA_F
 ClientSampleId :
 PB85717BS

Tgt Ion	Resp	Lower	Upper
107	100		
108	111.3	96.6	145.0
77	47.0	23.3	34.9#
79	47.3	22.0	33.0#



#18
 Hexachloroethane
 Concen: 36.76 ng
 RT: 7.43 min Scan# 463
 Delta R.T. -0.01 min
 Lab File: BF081881.D
 Acq: 29 Sep 2015 15:55

Tgt Ion	Resp	Lower	Upper
117	100		
119	95.3	83.8	125.6
201	78.8	55.1	82.7

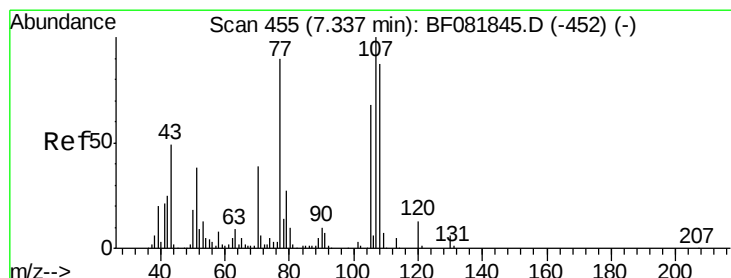
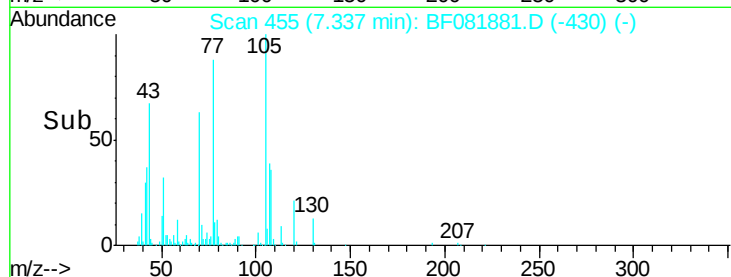
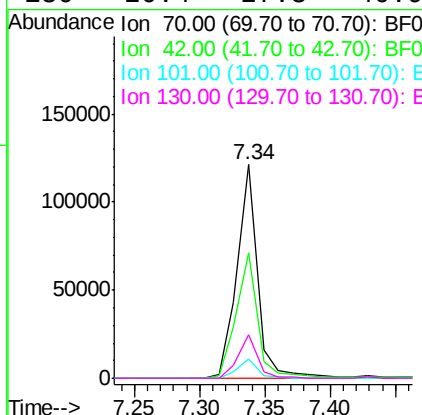
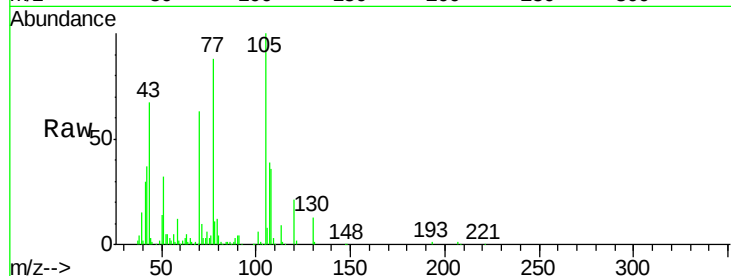




#19
n-Nitroso-di-n-propylamine
Concen: 37.26 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF081881.D
Acq: 29 Sep 2015 15:55

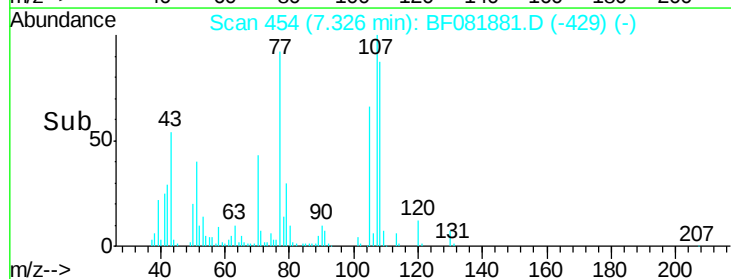
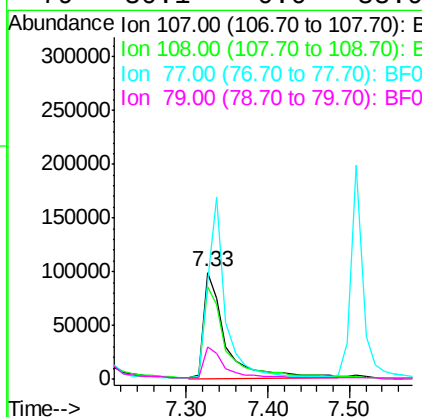
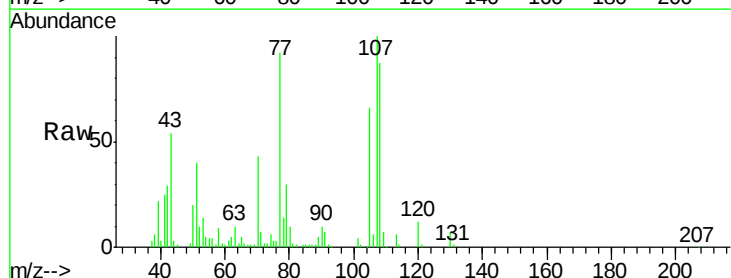
Instrument :
BNA_F
ClientSampleId :
PB85717BS

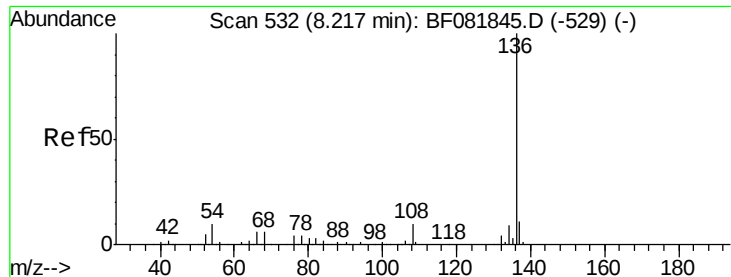
Tgt Ion:	70	Resp:	133079
Ion	Ratio	Lower	Upper
70	100		
42	58.9	63.8	95.6#
101	9.2	9.2	13.8#
130	20.4	27.3	40.9#



#20
3+4-Methylphenols
Concen: 35.58 ng
RT: 7.33 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF081881.D
Acq: 29 Sep 2015 15:55

Tgt Ion:	107	Resp:	187904
Ion	Ratio	Lower	Upper
107	100		
108	86.6	74.6	114.6
77	91.5	0.7	40.7#
79	30.1	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF081881.D

Acq: 29 Sep 2015 15:55

Instrument :

BNA_F

ClientSampleId :

PB85717BS

Tgt Ion:136 Resp: 321323

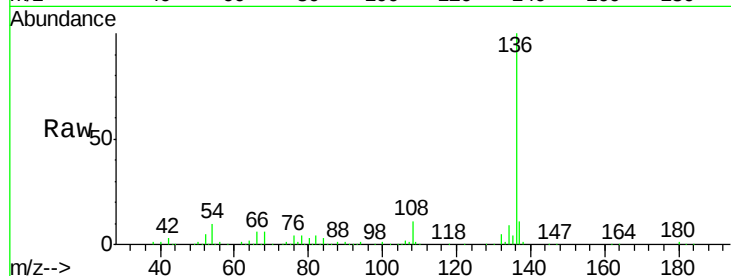
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 9.5 8.2 12.2

68 5.6 5.8 8.6#

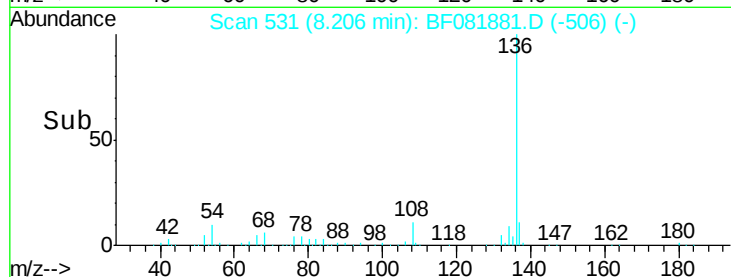


Abundance Ion 136.00 (135.70 to 136.70): E

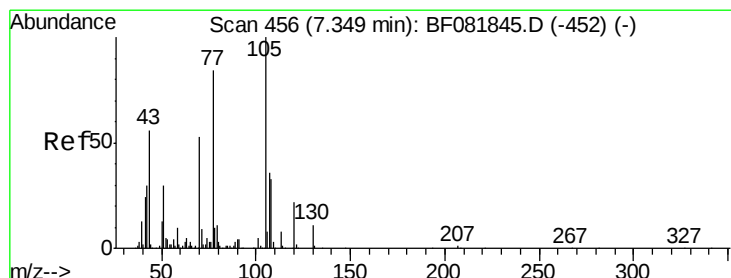
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 40.49 ng

RT: 7.34 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF081881.D

Acq: 29 Sep 2015 15:55

Tgt Ion:105 Resp: 266022

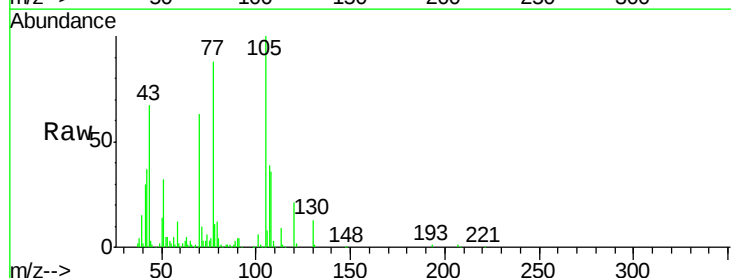
Ion Ratio Lower Upper

105 100

71 10.3 4.7 7.1#

51 31.8 22.0 33.0

120 20.8 30.1 45.1#

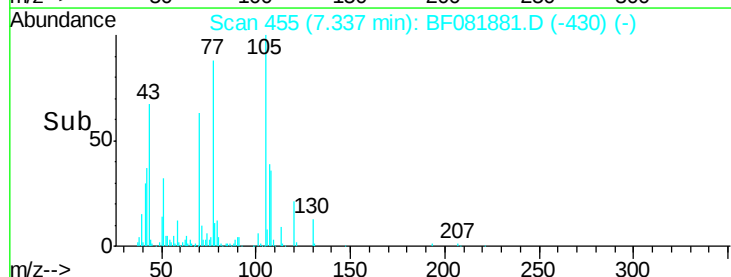


Abundance Ion 105.00 (104.70 to 105.70): E

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



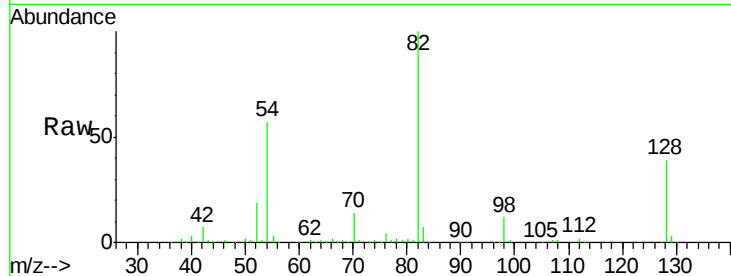
Time-->



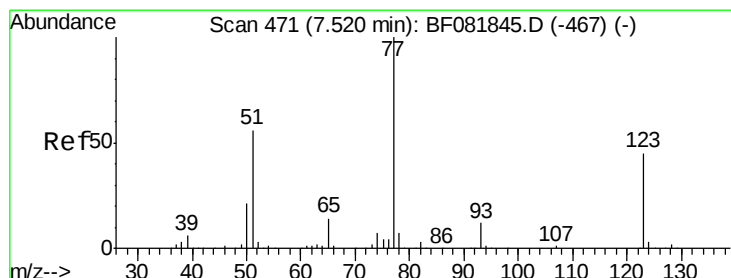
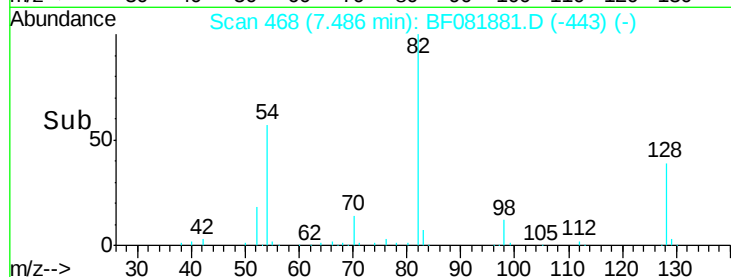
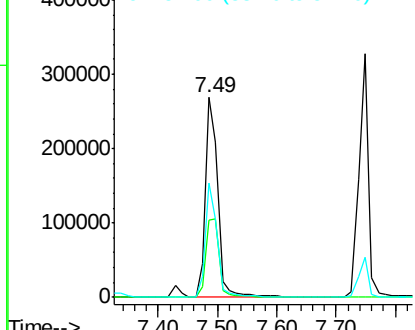
#23
 Nitrobenzene-d5
 Concen: 82.87 ng
 RT: 7.49 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF081881.D
 Acq: 29 Sep 2015 15:55

Instrument :
 BNA_F
 ClientSampleId :
 PB85717BS

Tgt Ion: 82 Resp: 399443
 Ion Ratio Lower Upper
 82 100
 128 38.7 51.0 76.6#
 54 56.9 47.5 71.3

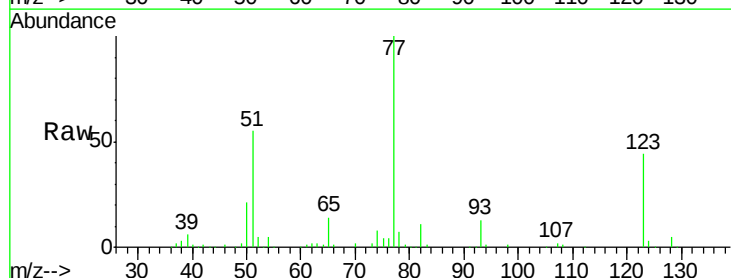


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

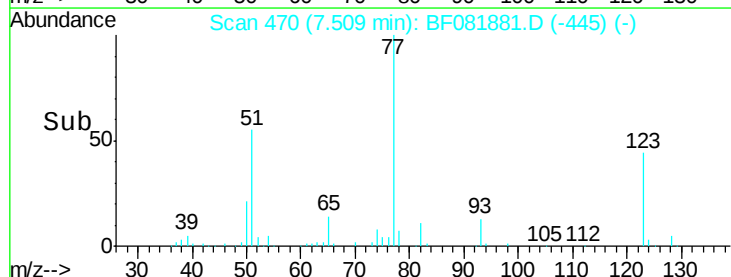
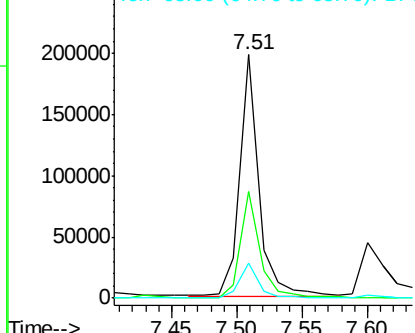


#24
 Nitrobenzene
 Concen: 38.67 ng
 RT: 7.51 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF081881.D
 Acq: 29 Sep 2015 15:55

Tgt Ion: 77 Resp: 202400
 Ion Ratio Lower Upper
 77 100
 123 43.7 59.8 89.8#
 65 14.4 10.2 15.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.06 ng

RT: 7.75 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF081881.D

Acq: 29 Sep 2015 15:55

Instrument :

BNA_F

ClientSampleId :

PB85717BS

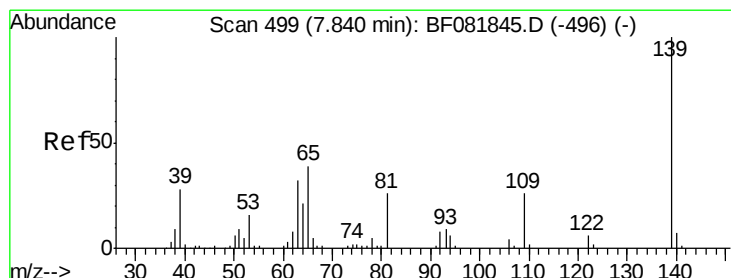
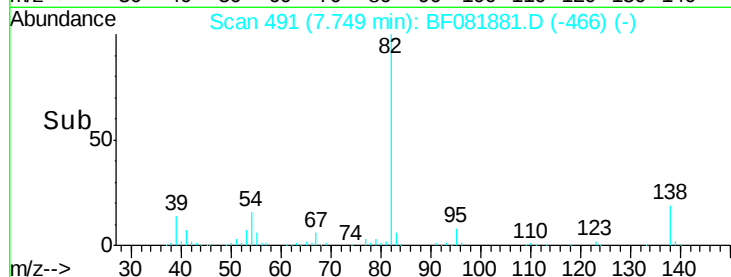
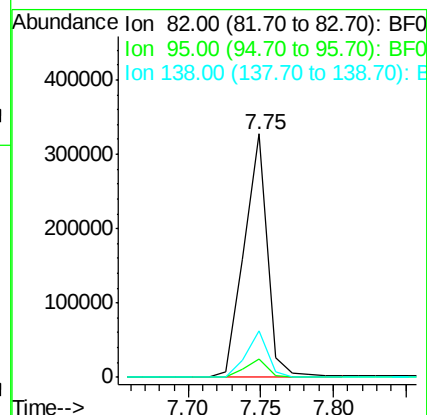
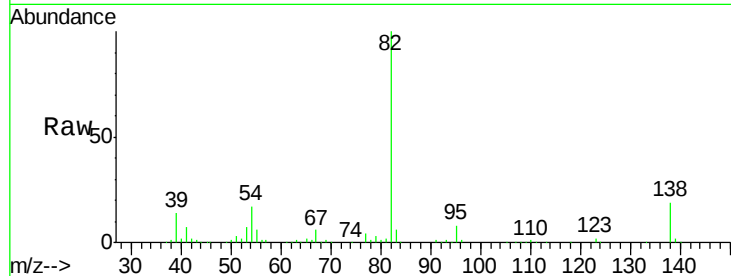
Tgt Ion: 82 Resp: 363623

Ion Ratio Lower Upper

82 100

95 7.6 4.0 6.0#

138 19.3 18.3 27.5



#26

2-Nitrophenol

Concen: 39.97 ng

RT: 7.83 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF081881.D

Acq: 29 Sep 2015 15:55

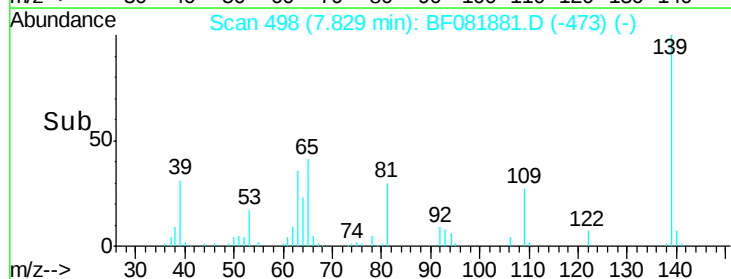
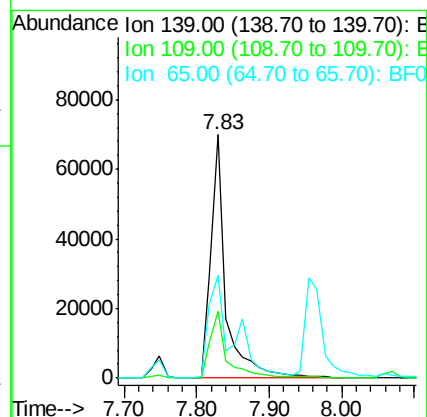
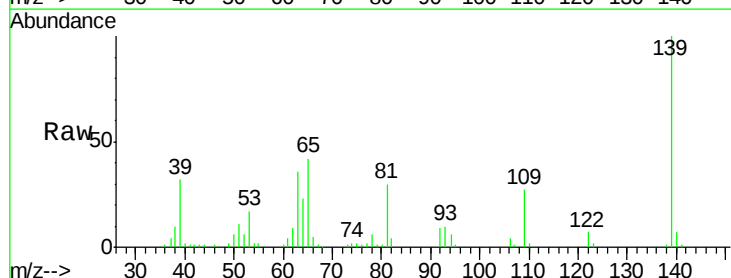
Tgt Ion: 139 Resp: 100435

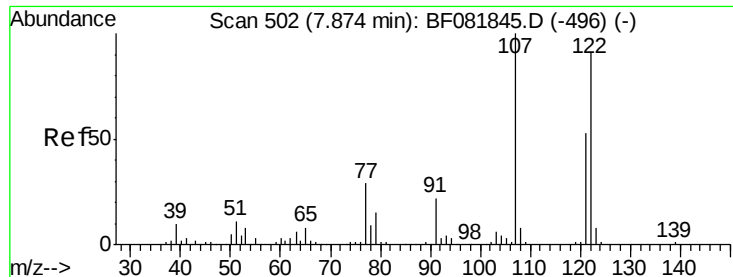
Ion Ratio Lower Upper

139 100

109 27.5 11.0 16.4#

65 42.3 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 39.05 ng

RT: 7.86 min Scan# 501

Delta R.T. -0.01 min

Lab File: BF081881.D

Acq: 29 Sep 2015 15:55

Instrument :

BNA_F

ClientSampleId :

PB85717BS

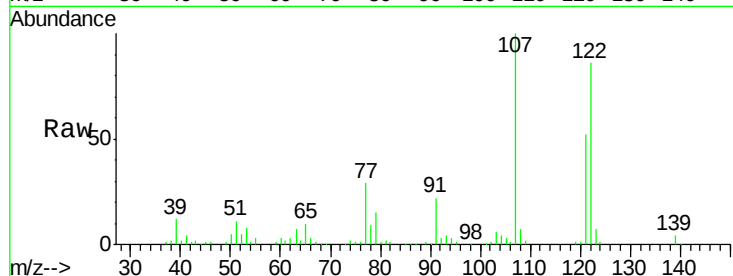
Tgt Ion:122 Resp: 172581

Ion Ratio Lower Upper

122 100

107 116.2 71.8 107.6#

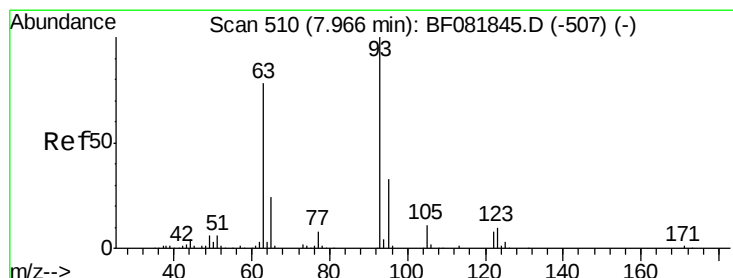
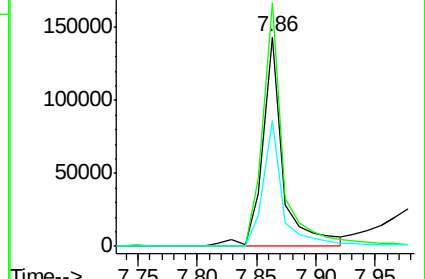
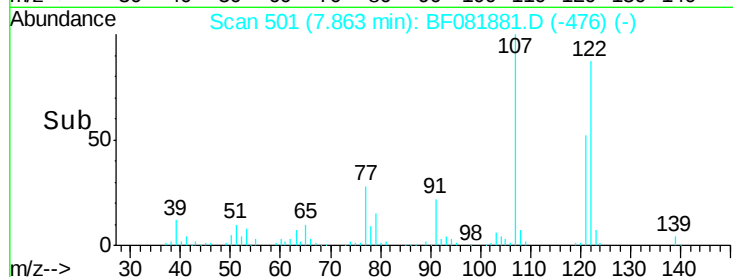
121 60.0 42.3 63.5



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: 38.11 ng

RT: 7.97 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF081881.D

Acq: 29 Sep 2015 15:55

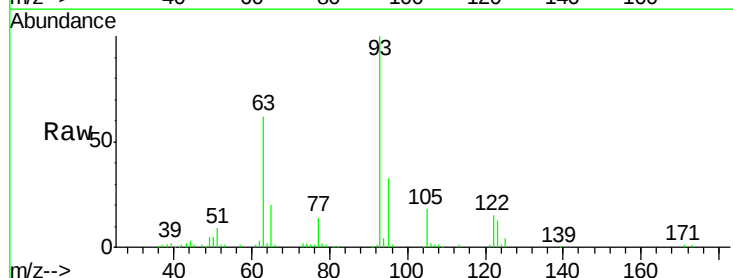
Tgt Ion: 93 Resp: 216211

Ion Ratio Lower Upper

93 100

95 32.7 27.5 41.3

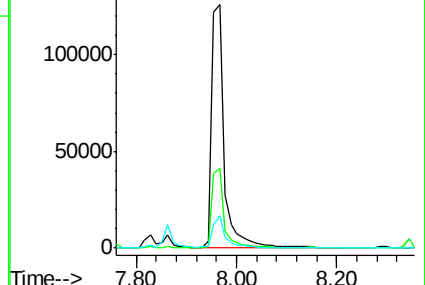
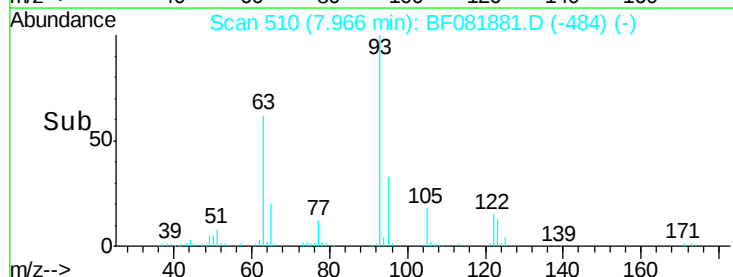
123 13.2 13.7 20.5#

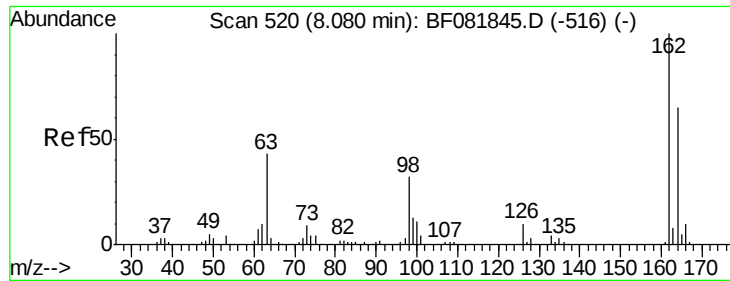


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

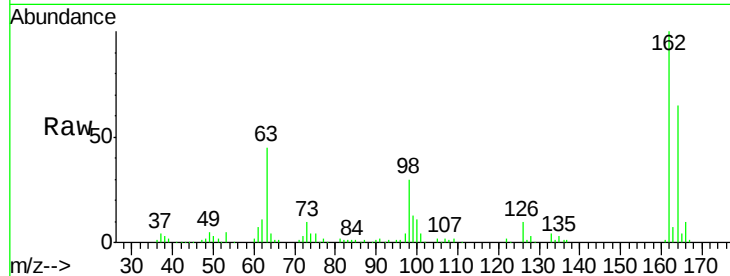




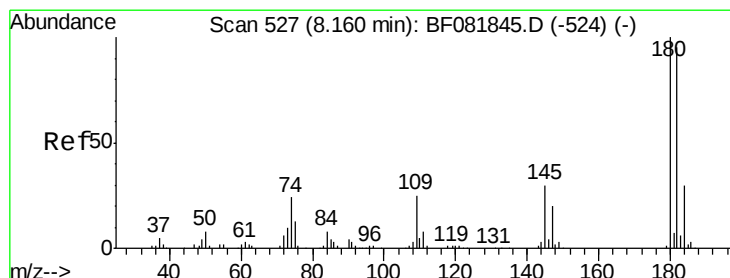
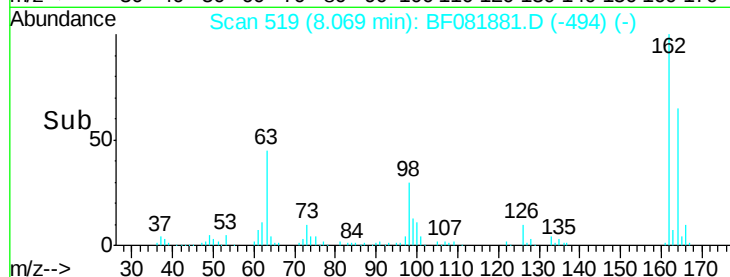
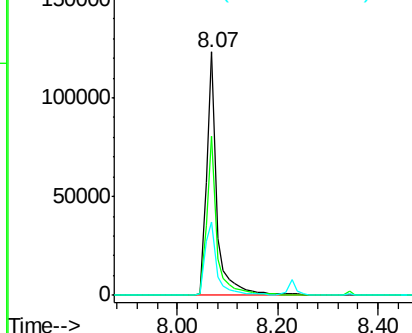
#29
 2,4-Dichlorophenol
 Concen: 41.09 ng
 RT: 8.07 min Scan# 519
 Delta R.T. -0.01 min
 Lab File: BF081881.D
 Acq: 29 Sep 2015 15:55

Instrument :
 BNA_F
 ClientSampleId :
 PB85717BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.5	44.9	84.9
98	29.9	13.0	53.0

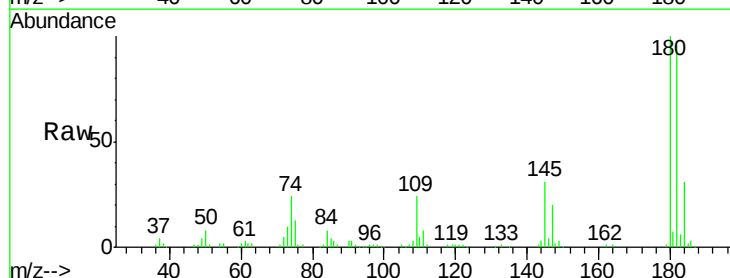


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

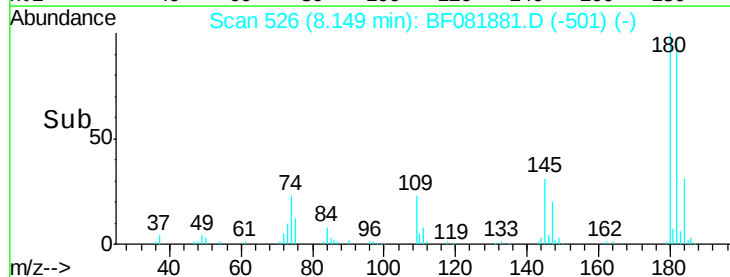
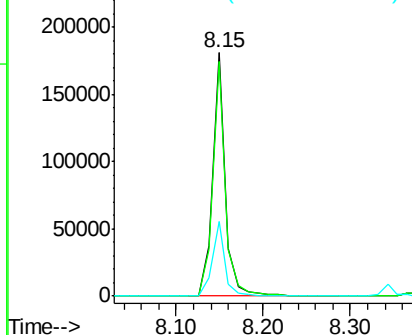


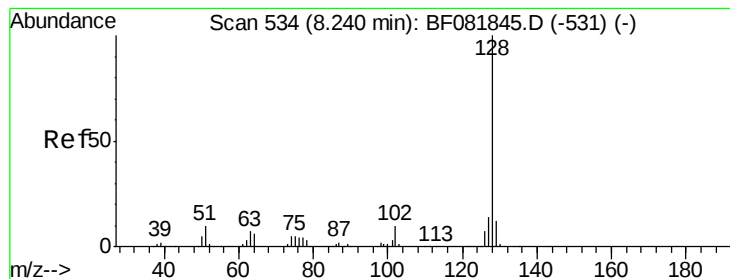
#30
 1,2,4-Trichlorobenzene
 Concen: 38.83 ng
 RT: 8.15 min Scan# 526
 Delta R.T. -0.01 min
 Lab File: BF081881.D
 Acq: 29 Sep 2015 15:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	77.1	115.7
145	30.7	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: 38.71 ng

RT: 8.23 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF081881.D

Acq: 29 Sep 2015 15:55

Instrument :

BNA_F

ClientSampleId :

PB85717BS

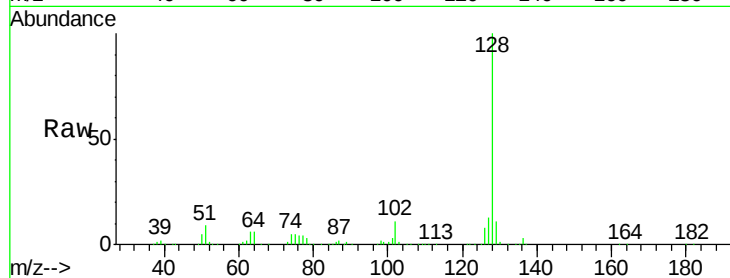
Tgt Ion:128 Resp: 551082

Ion Ratio Lower Upper

128 100

129 11.3 8.4 12.6

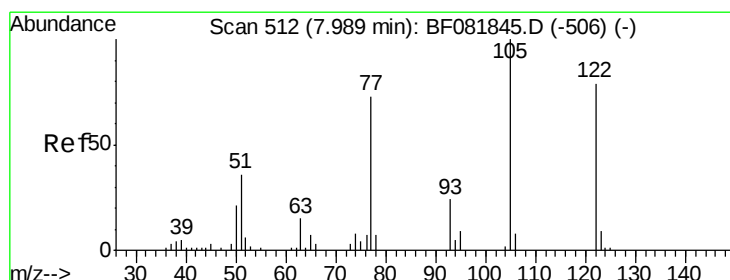
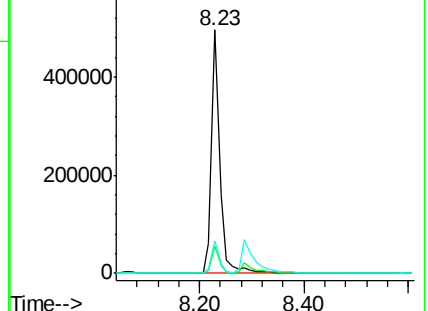
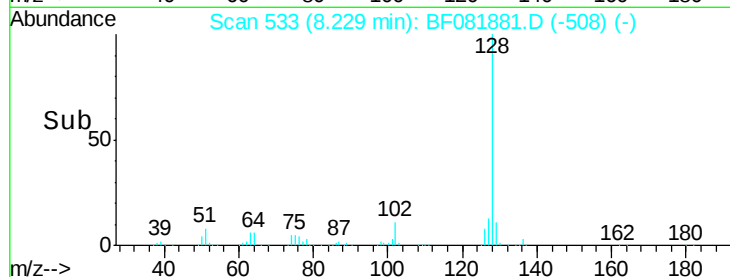
127 13.4 9.9 14.9



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: 33.44 ng

RT: 7.98 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF081881.D

Acq: 29 Sep 2015 15:55

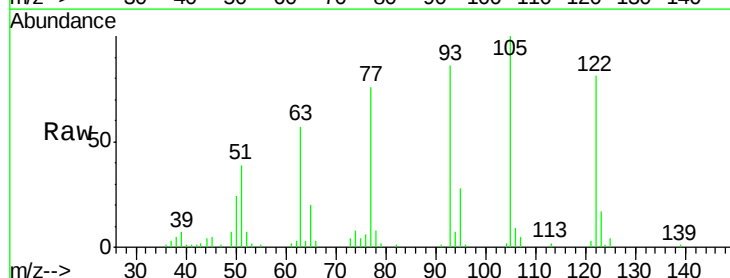
Tgt Ion:122 Resp: 81451

Ion Ratio Lower Upper

122 100

105 123.1 76.1 116.1#

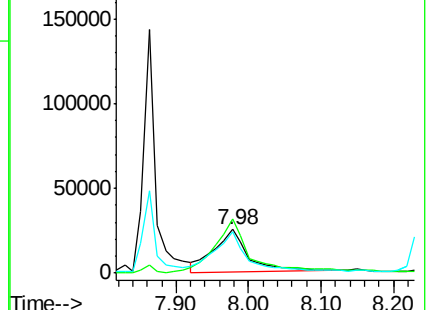
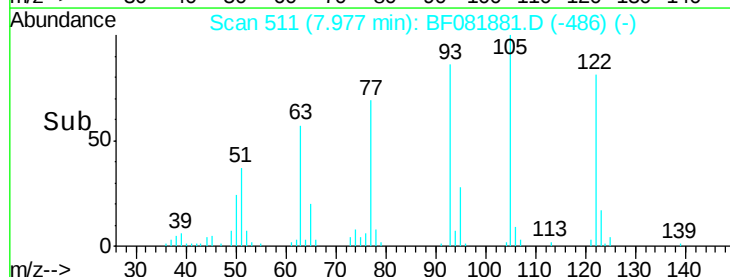
77 94.1 40.5 80.5#

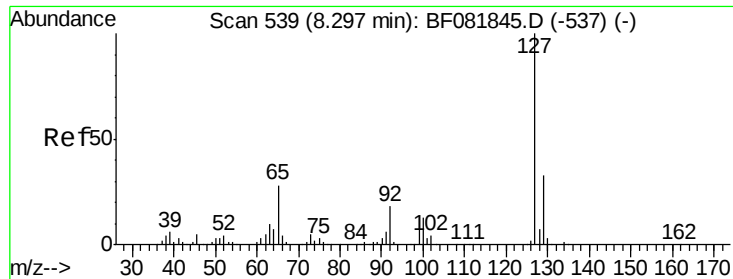


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

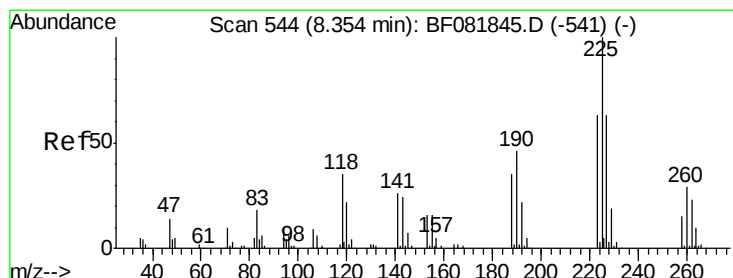
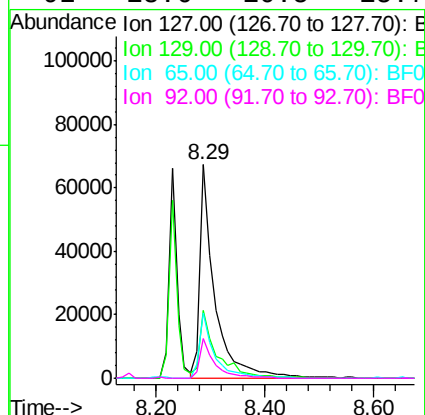
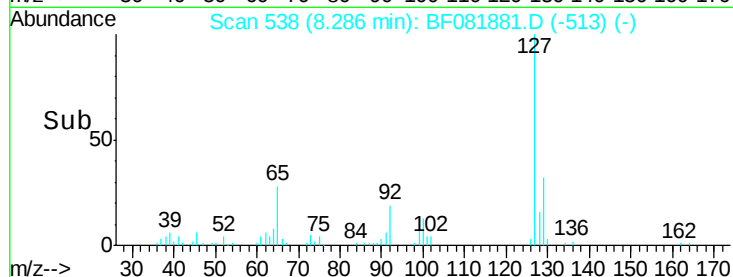
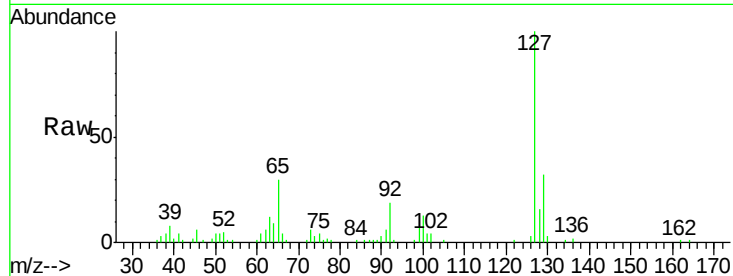




#33
4-Chloroaniline
Concen: 20.85 ng
RT: 8.29 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF081881.D
Acq: 29 Sep 2015 15:55

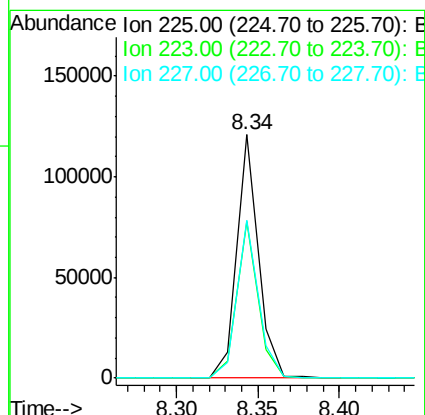
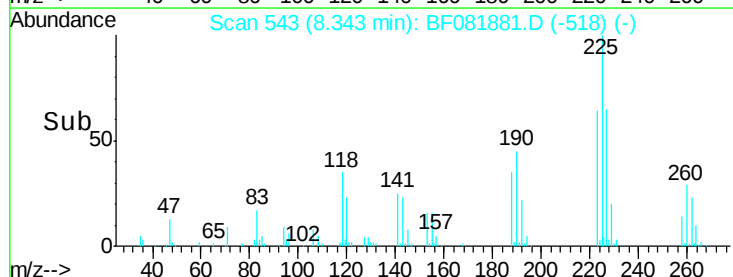
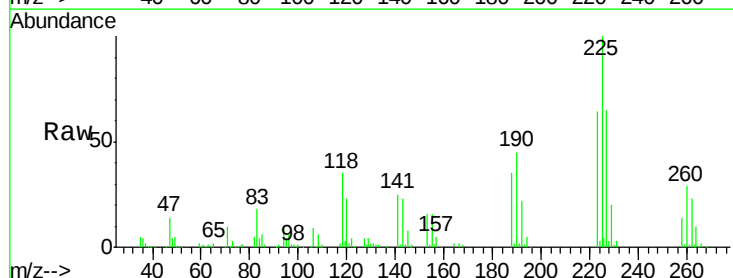
Instrument :
BNA_F
ClientSampleId :
PB85717BS

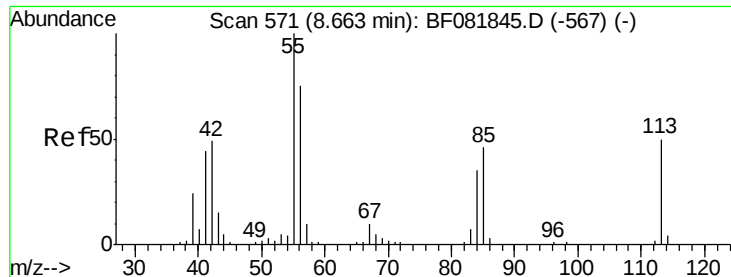
Tgt Ion:	127	Resp:	128349
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.6
65	30.4	17.9	26.9#
92	18.6	10.5	15.7#



#34
Hexachlorobutadiene
Concen: 38.64 ng
RT: 8.34 min Scan# 543
Delta R.T. -0.01 min
Lab File: BF081881.D
Acq: 29 Sep 2015 15:55

Tgt Ion:	225	Resp:	109328
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.2	75.2
227	64.6	52.2	78.2





#35

Caprolactam

Concen: 24.44 ng

RT: 8.65 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF081881.D

Acq: 29 Sep 2015 15:55

Instrument :

BNA_F

ClientSampleId :

PB85717BS

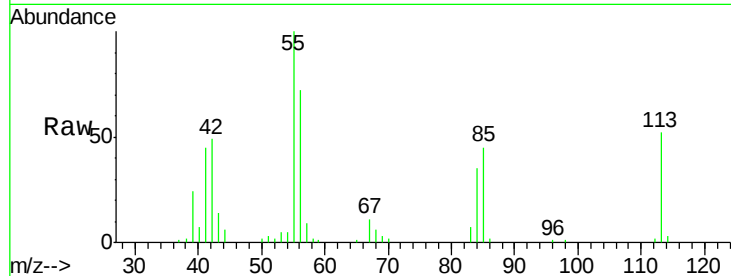
Tgt Ion:113 Resp: 29000

Ion Ratio Lower Upper

113 100

55 192.4 152.4 192.4#

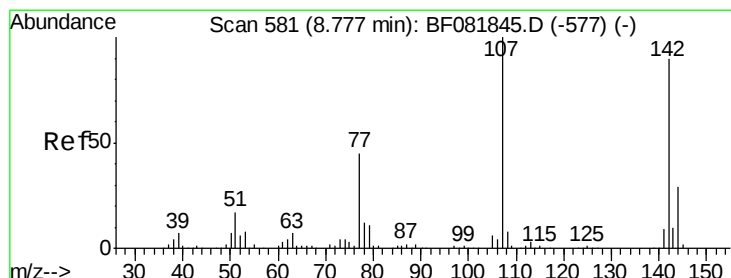
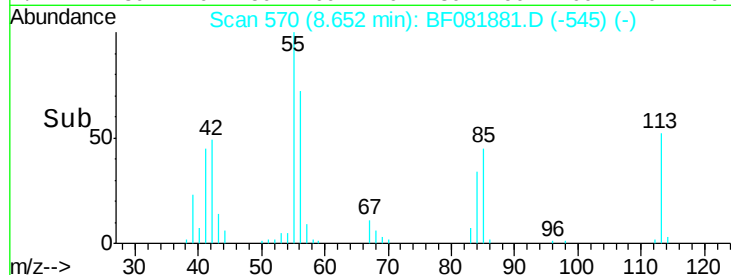
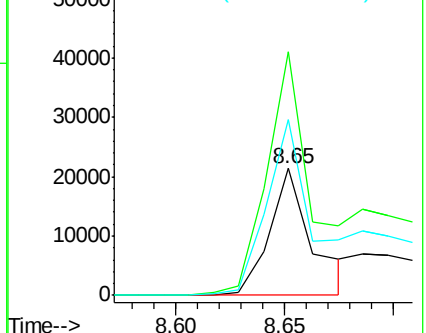
56 138.6 104.6 144.6



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: 42.94 ng

RT: 8.77 min Scan# 580

Delta R.T. -0.01 min

Lab File: BF081881.D

Acq: 29 Sep 2015 15:55

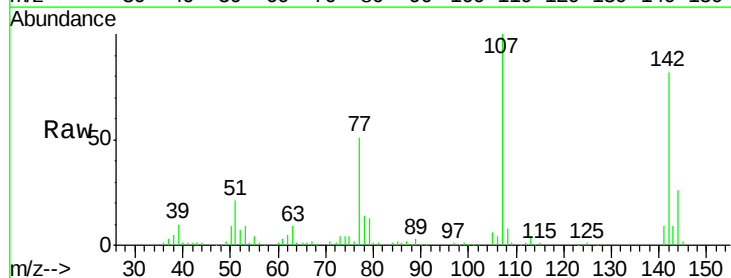
Tgt Ion:107 Resp: 179961

Ion Ratio Lower Upper

107 100

144 26.1 25.4 38.0

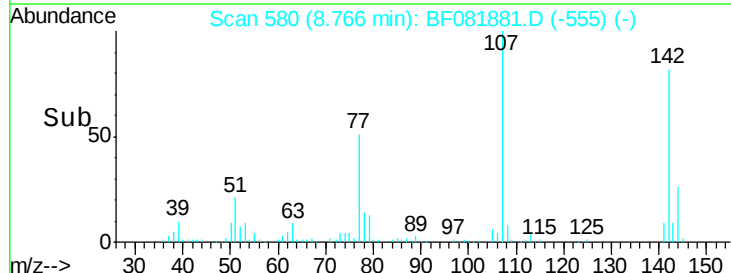
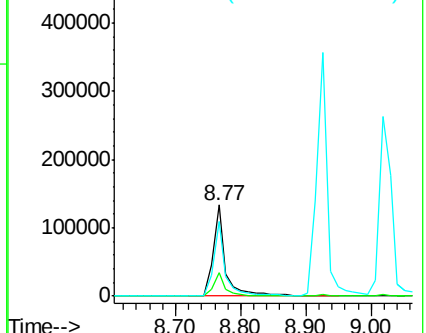
142 81.6 77.3 115.9

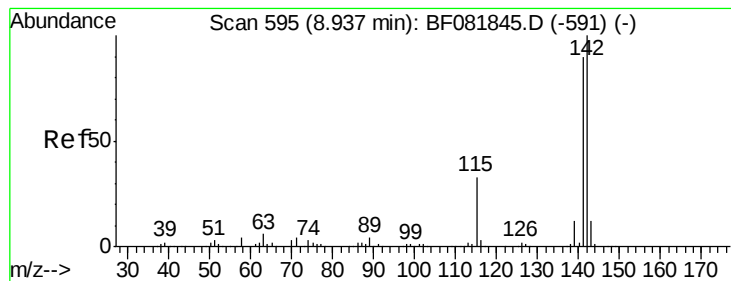


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.09 ng

RT: 8.93 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF081881.D

Acq: 29 Sep 2015 15:55

Instrument :

BNA_F

ClientSampleId :

PB85717BS

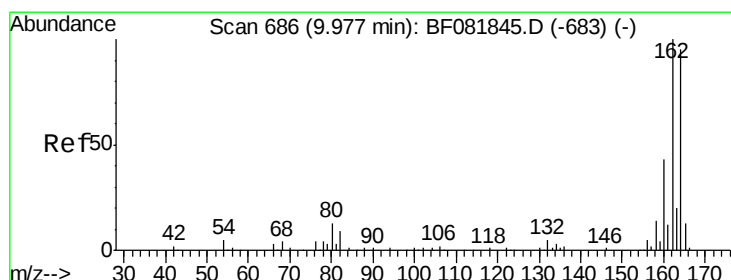
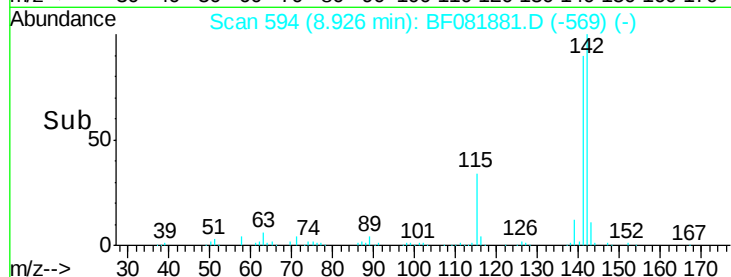
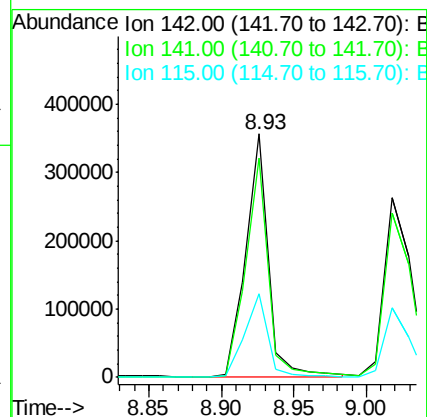
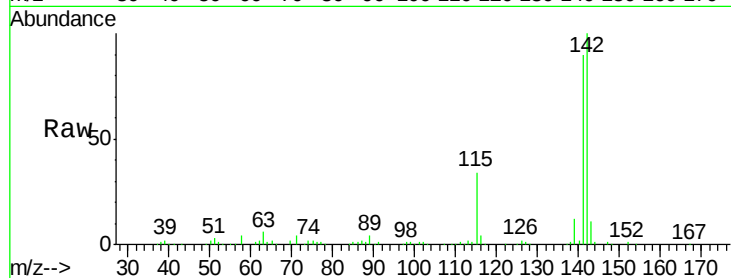
Tgt Ion:142 Resp: 389585

Ion Ratio Lower Upper

142 100

141 89.9 67.5 101.3

115 34.4 18.2 27.2#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.97 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF081881.D

Acq: 29 Sep 2015 15:55

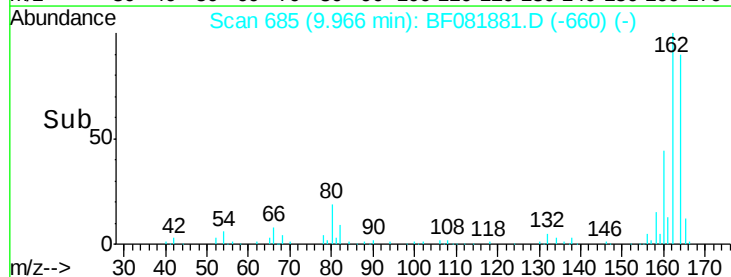
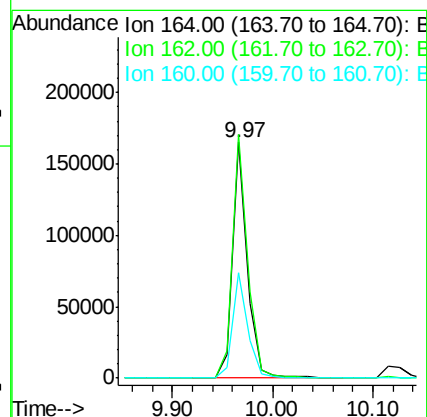
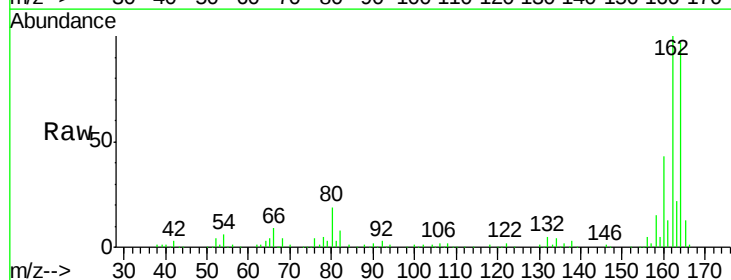
Tgt Ion:164 Resp: 168726

Ion Ratio Lower Upper

164 100

162 103.3 75.2 112.8

160 44.7 31.5 47.3

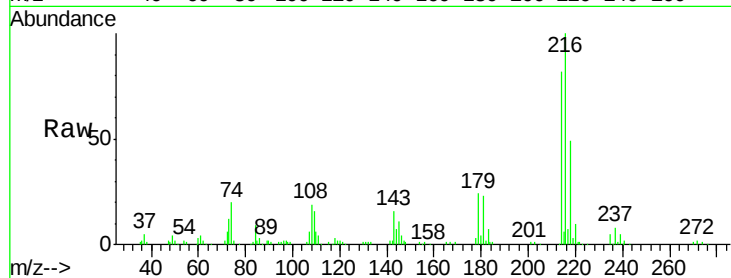




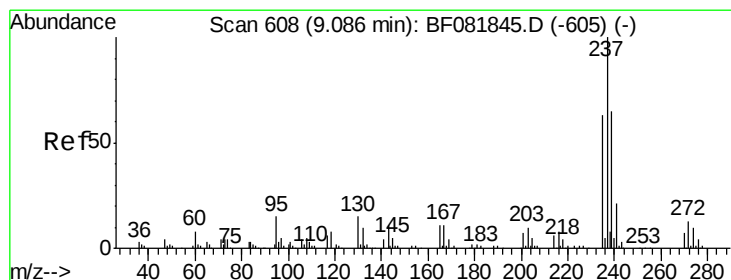
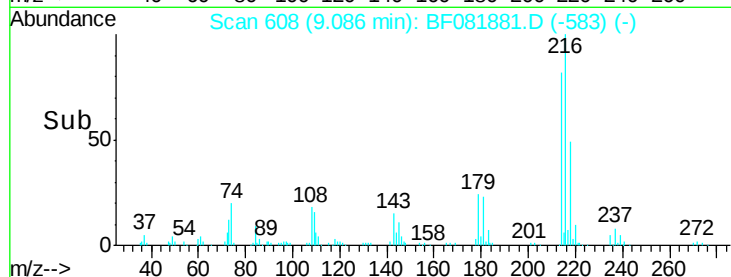
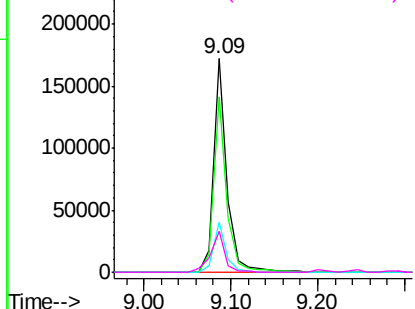
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.51 ng
 RT: 9.09 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BF081881.D
 Acq: 29 Sep 2015 15:55

Instrument :
 BNA_F
 ClientSampleId :
 PB85717BS

Tgt Ion:	216	Resp:	183957
Ion	Ratio	Lower	Upper
216	100		
214	81.0	63.5	95.3
179	22.3	16.6	24.8
108	20.8	16.3	24.5

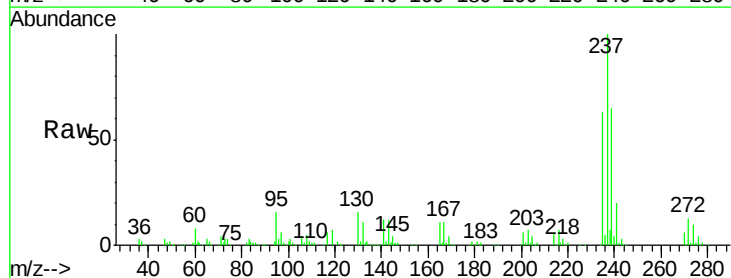


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

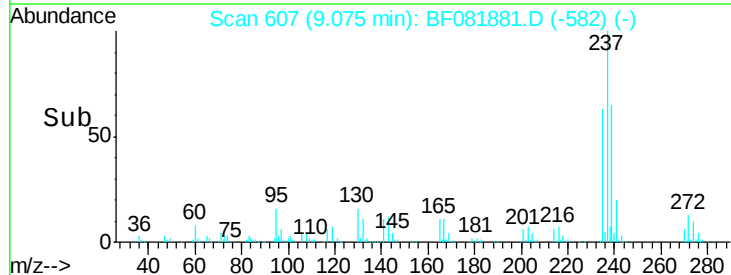
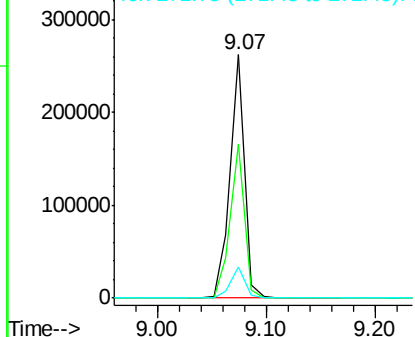


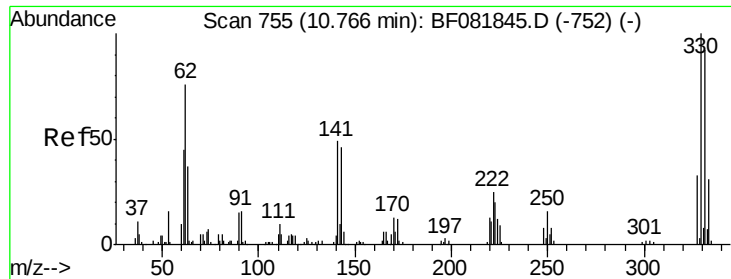
#40
 Hexachlorocyclopentadiene
 Concen: 89.62 ng
 RT: 9.07 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF081881.D
 Acq: 29 Sep 2015 15:55

Tgt Ion:	237	Resp:	239065
Ion	Ratio	Lower	Upper
237	100		
235	63.2	42.0	82.0
272	12.9	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

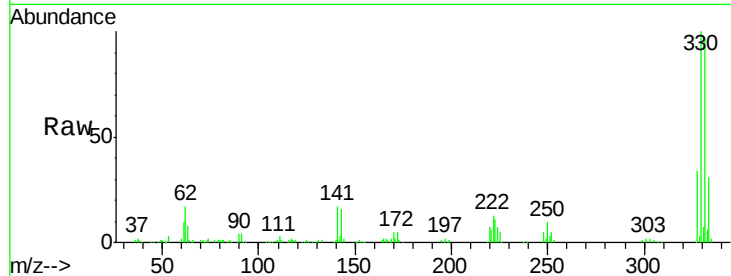




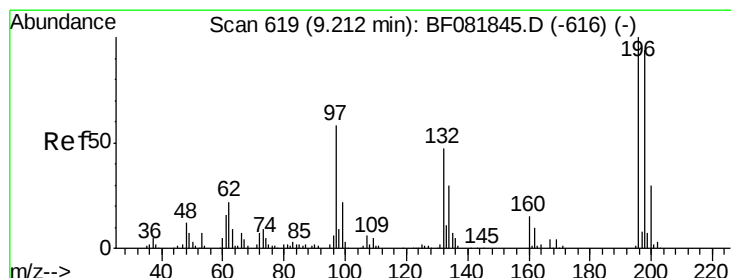
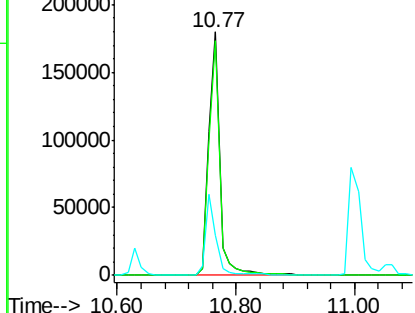
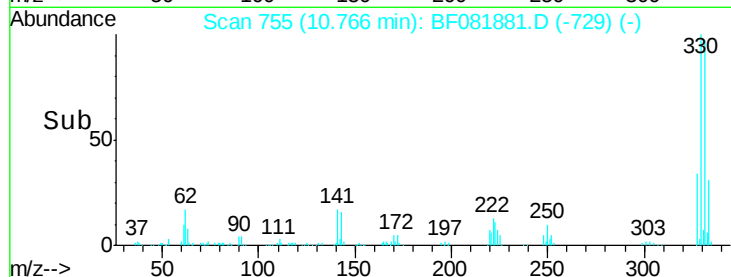
#41
 2,4,6-Tribromophenol
 Concen: 137.10 ng
 RT: 10.77 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF081881.D
 Acq: 29 Sep 2015 15:55

Instrument :
 BNA_F
 ClientSampleId :
 PB85717BS

Tgt Ion:330 Resp: 234282
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 114.8
 141 31.8 29.7 44.5

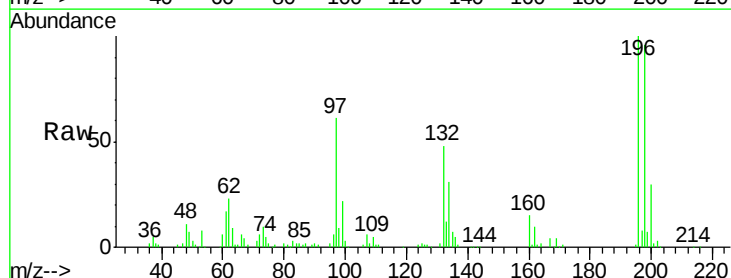


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

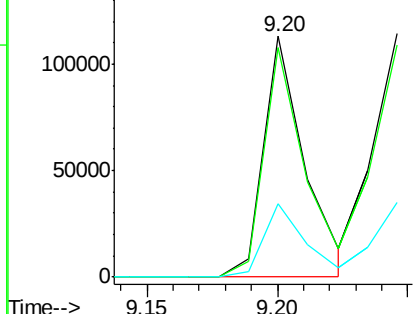
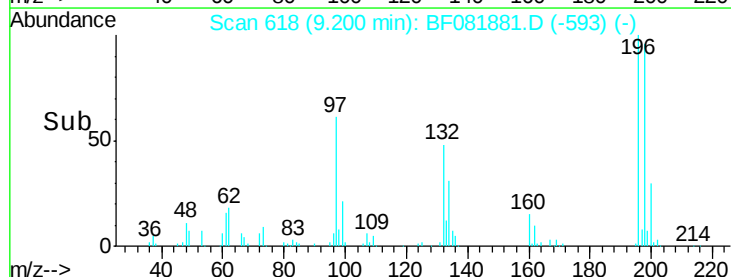


#42
 2,4,6-Trichlorophenol
 Concen: 34.91 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF081881.D
 Acq: 29 Sep 2015 15:55

Tgt Ion:196 Resp: 123957
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.7 113.5
 200 30.4 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

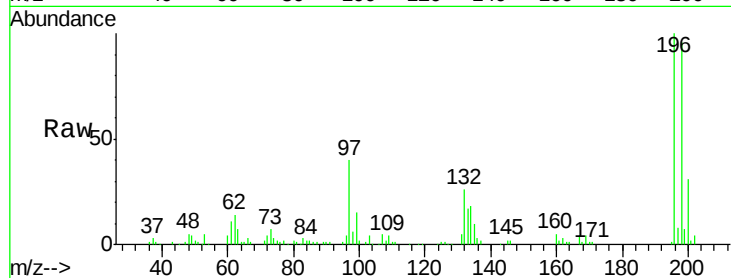




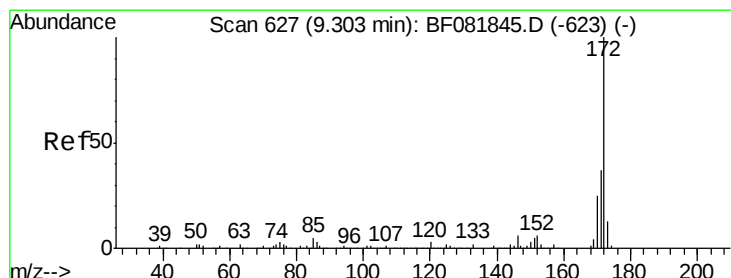
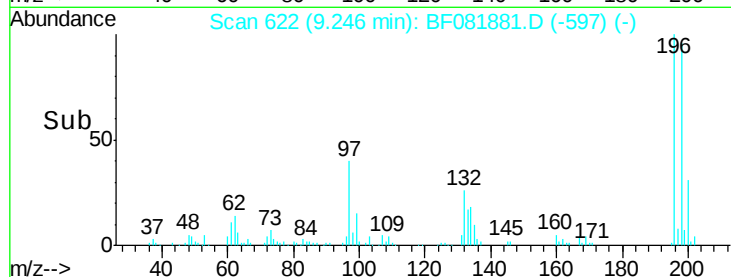
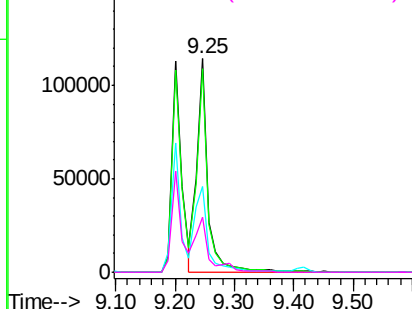
#43
 2,4,5-Trichlorophenol
 Concen: 42.21 ng
 RT: 9.25 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF081881.D
 Acq: 29 Sep 2015 15:55

Instrument :
 BNA_F
 ClientSampleId :
 PB85717BS

Tgt Ion:	196	Resp:	154151
Ion	Ratio	Lower	Upper
196	100		
198	95.6	75.4	113.0
97	40.3	33.3	49.9
132	25.6	24.6	37.0

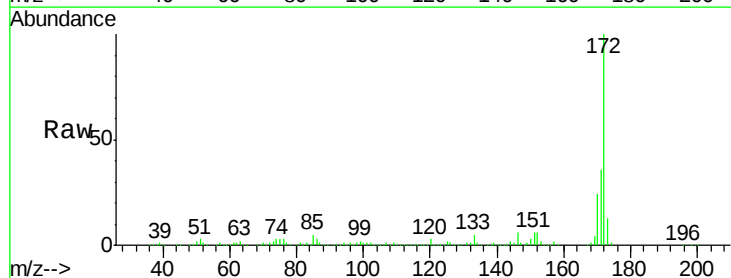


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

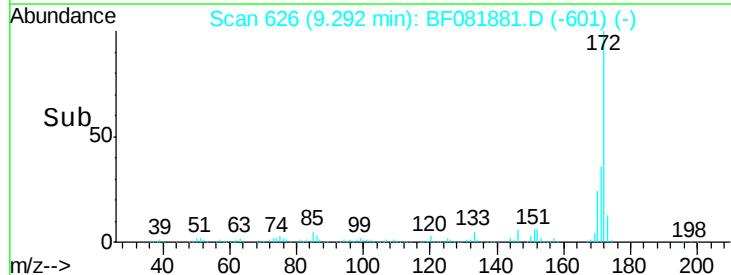
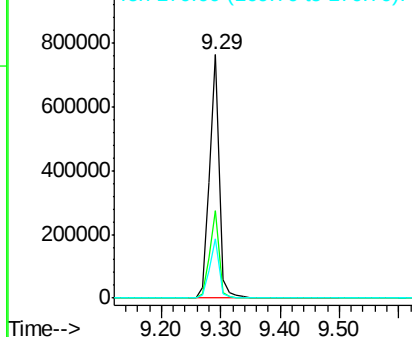


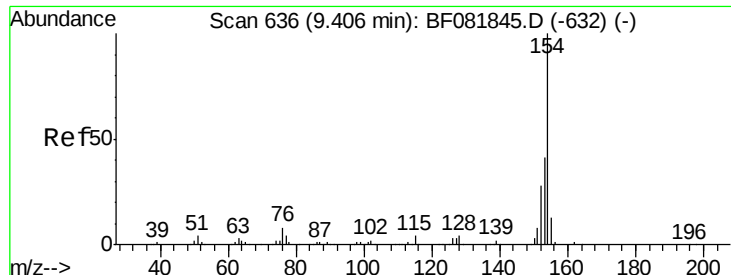
#44
 2-Fluorobiphenyl
 Concen: 85.69 ng
 RT: 9.29 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF081881.D
 Acq: 29 Sep 2015 15:55

Tgt Ion:	172	Resp:	862640
Ion	Ratio	Lower	Upper
172	100		
171	36.0	26.1	39.1
170	24.2	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

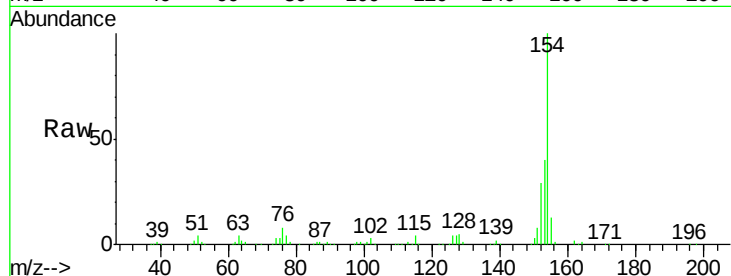




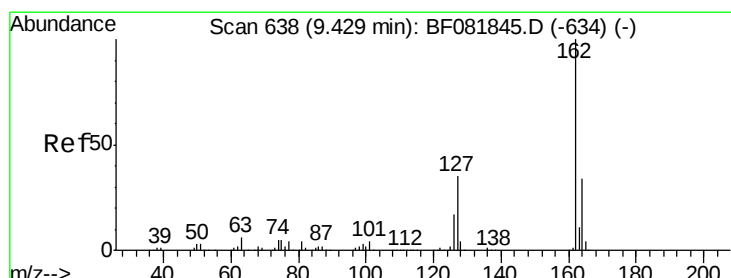
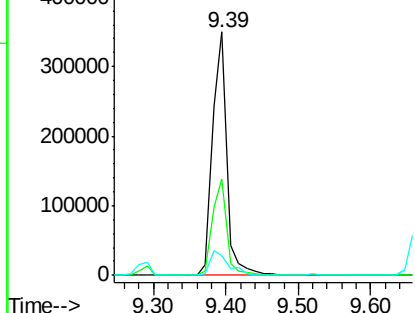
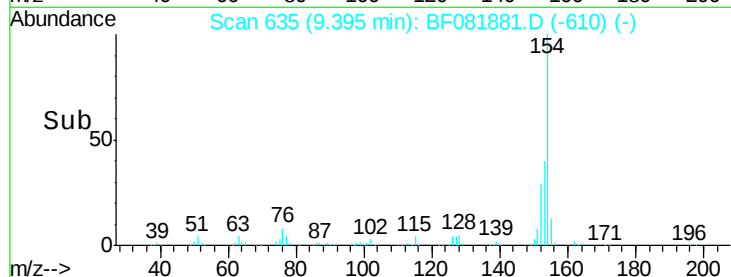
#45
 1,1'-Biphenyl
 Concen: 36.59 ng
 RT: 9.39 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF081881.D
 Acq: 29 Sep 2015 15:55

Instrument :
 BNA_F
 ClientSampleId :
 PB85717BS

Tgt Ion:154 Resp: 476266
 Ion Ratio Lower Upper
 154 100
 153 39.5 17.1 57.1
 76 7.8 0.0 31.6

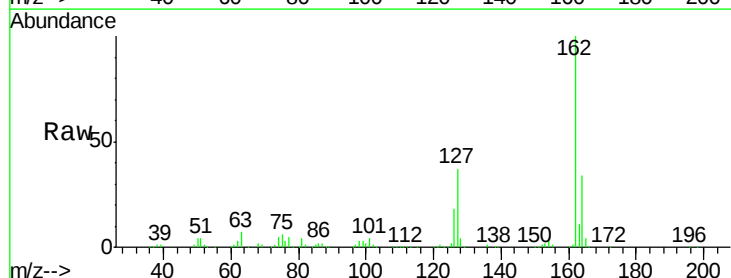


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

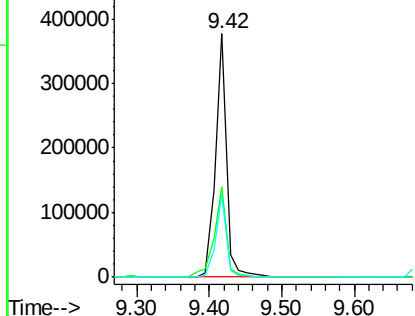
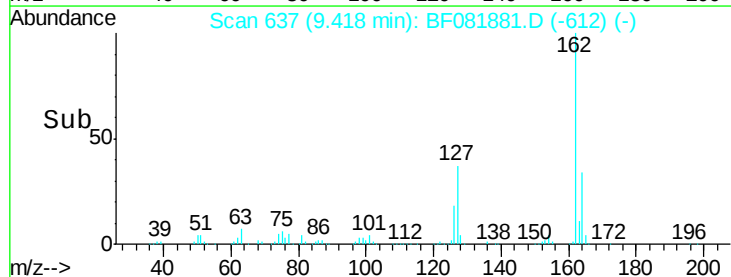


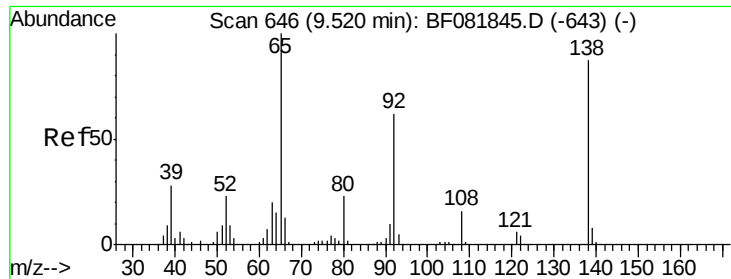
#46
 2-Chloronaphthalene
 Concen: 39.11 ng
 RT: 9.42 min Scan# 637
 Delta R.T. -0.01 min
 Lab File: BF081881.D
 Acq: 29 Sep 2015 15:55

Tgt Ion:162 Resp: 399738
 Ion Ratio Lower Upper
 162 100
 127 37.2 27.6 41.4
 164 33.8 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

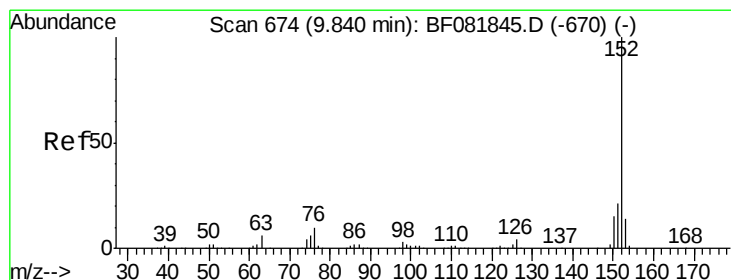
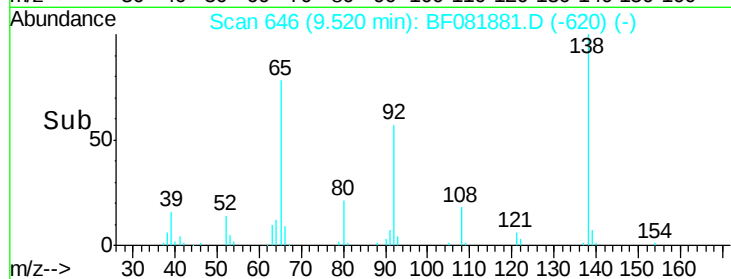
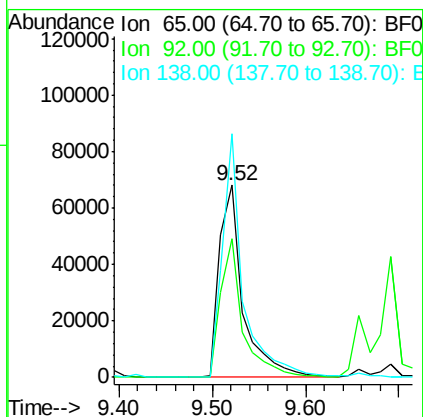
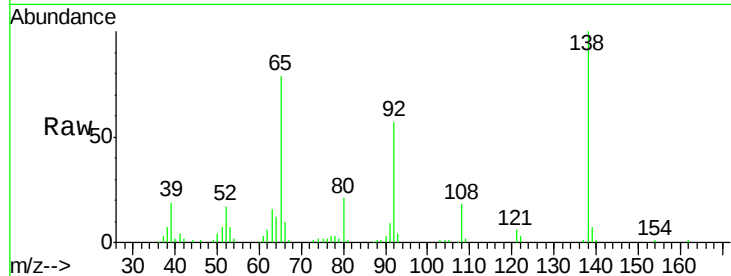




#47
2-Nitroaniline
Concen: 40.12 ng
RT: 9.52 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF081881.D
Acq: 29 Sep 2015 15:55

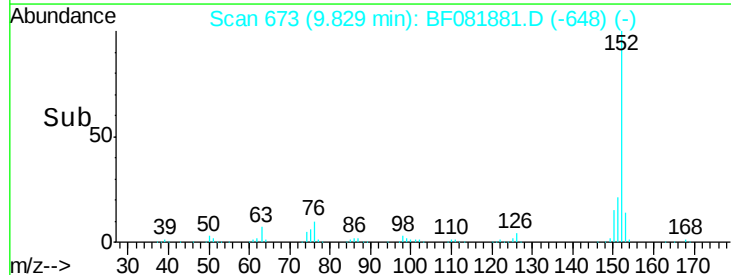
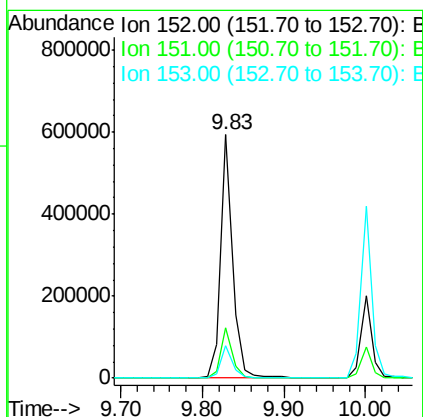
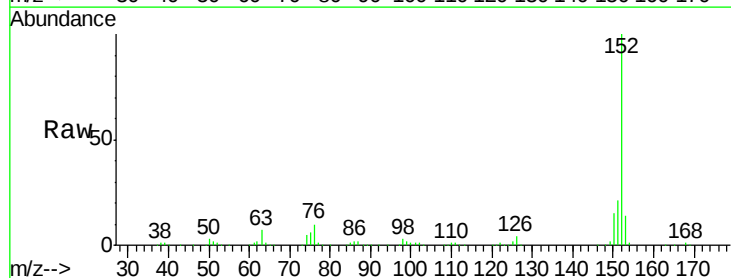
Instrument :
BNA_F
ClientSampleId :
PB85717BS

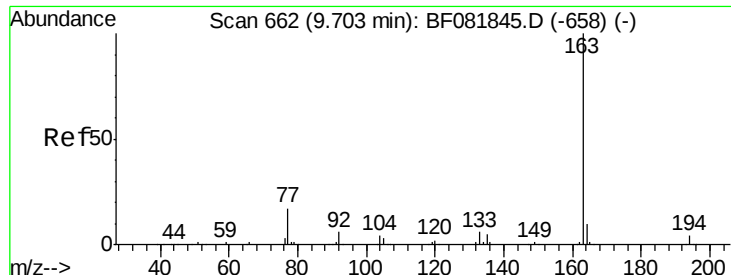
Tgt Ion: 65 Resp: 120365
Ion Ratio Lower Upper
65 100
92 72.1 55.4 83.0
138 126.6 115.5 173.3



#48
Acenaphthylene
Concen: 36.90 ng
RT: 9.83 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF081881.D
Acq: 29 Sep 2015 15:55

Tgt Ion: 152 Resp: 603624
Ion Ratio Lower Upper
152 100
151 20.7 14.6 22.0
153 13.5 10.3 15.5

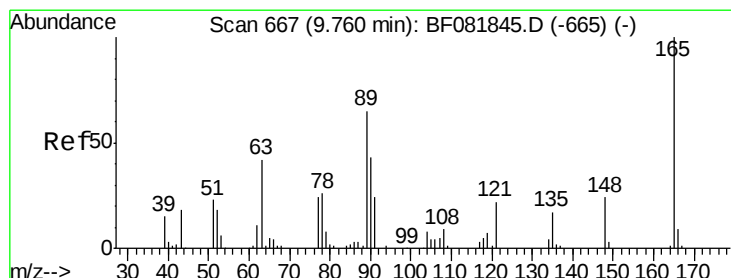
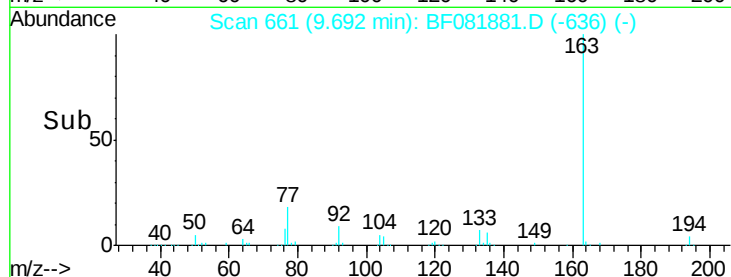
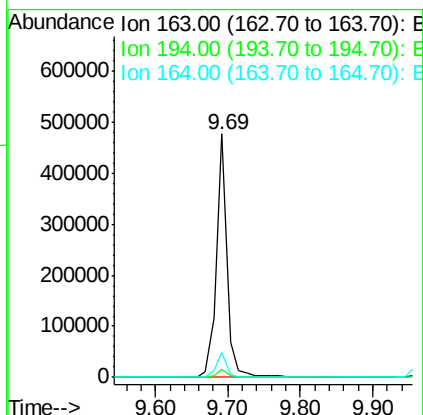
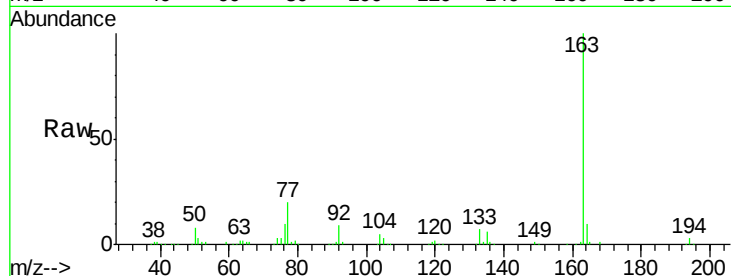




#49
Dimethylphthalate
Concen: 42.03 ng
RT: 9.69 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF081881.D
Acq: 29 Sep 2015 15:55

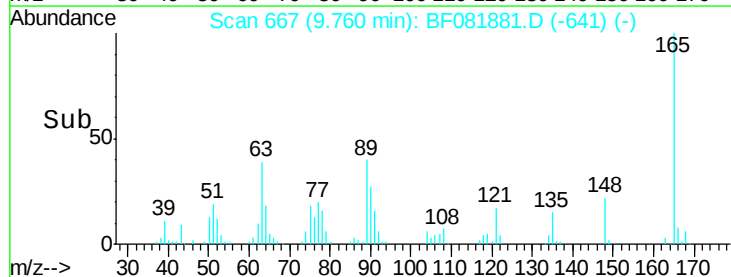
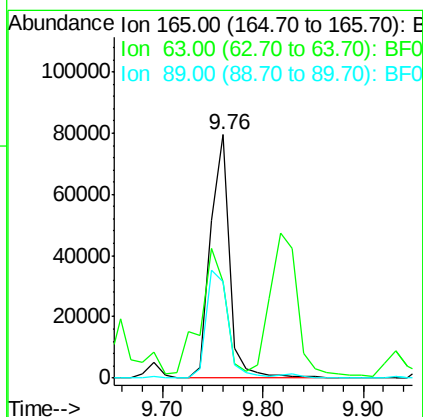
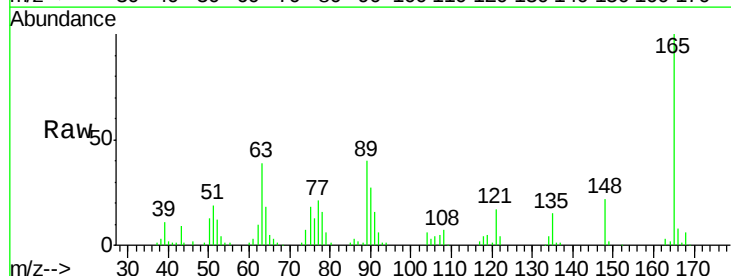
Instrument :
BNA_F
ClientSampleId :
PB85717BS

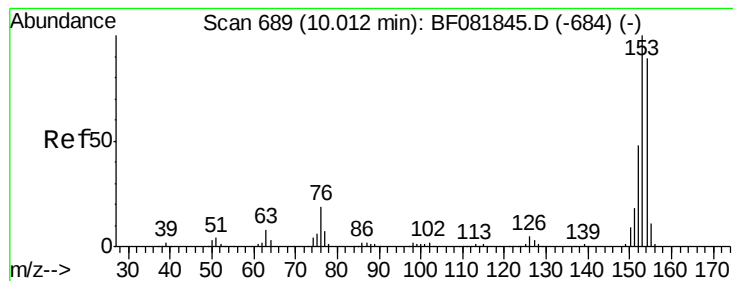
Tgt Ion:163 Resp: 489499
Ion Ratio Lower Upper
163 100
194 3.4 4.4 6.6#
164 10.4 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 41.48 ng
RT: 9.76 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF081881.D
Acq: 29 Sep 2015 15:55

Tgt Ion:165 Resp: 104881
Ion Ratio Lower Upper
165 100
63 39.5 32.3 48.5
89 39.7 28.6 43.0





#51

Acenaphthene

Concen: 42.95 ng

RT: 10.00 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF081881.D

Acq: 29 Sep 2015 15:55

Instrument :

BNA_F

ClientSampleId :

PB85717BS

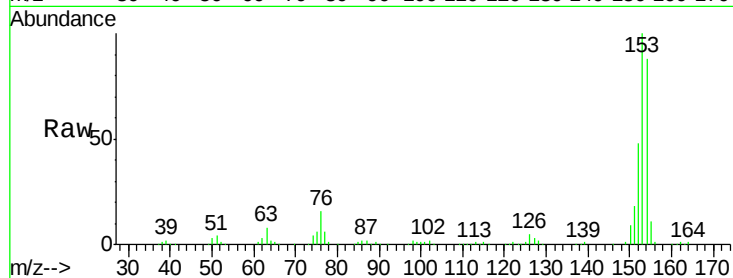
Tgt Ion:154 Resp: 417234

Ion Ratio Lower Upper

154 100

153 113.9 82.1 123.1

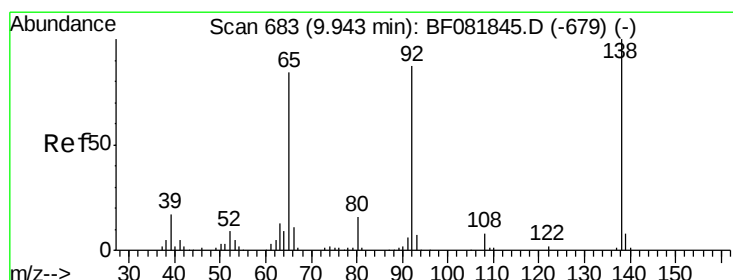
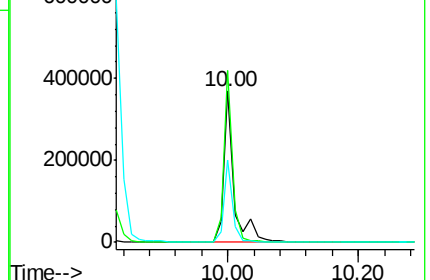
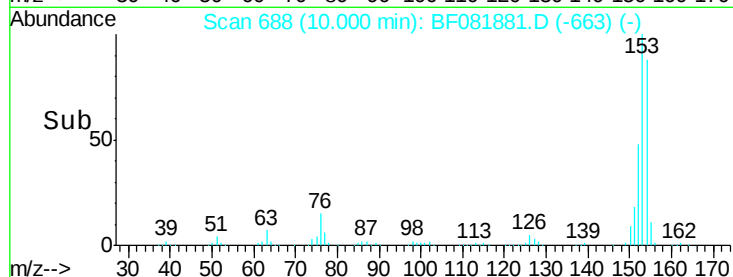
152 54.2 37.9 56.9



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: 24.82 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF081881.D

Acq: 29 Sep 2015 15:55

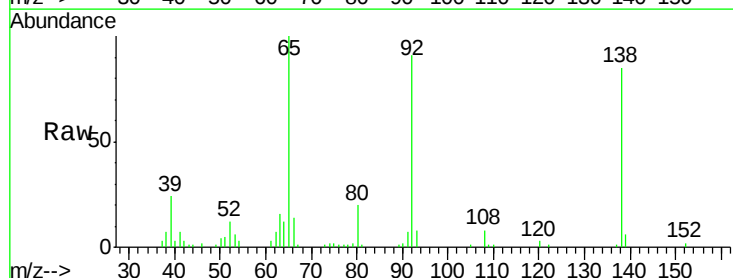
Tgt Ion:138 Resp: 72613

Ion Ratio Lower Upper

138 100

108 9.6 5.7 8.5#

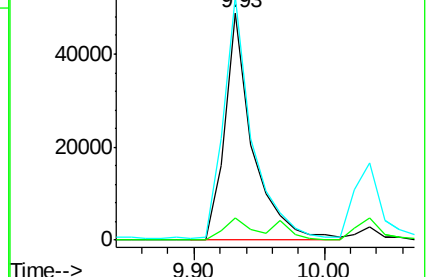
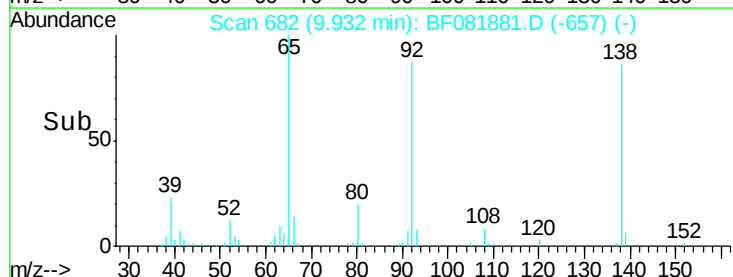
92 107.2 67.7 101.5#

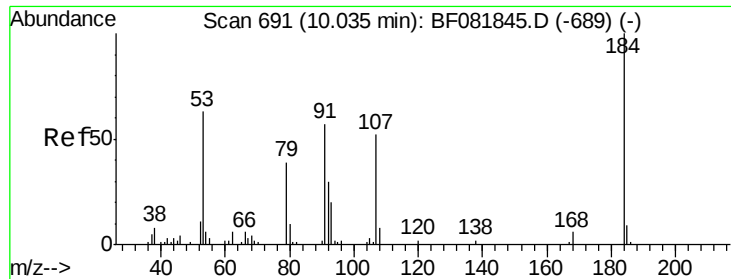


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

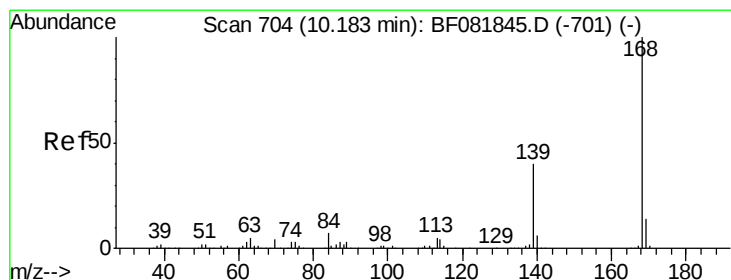
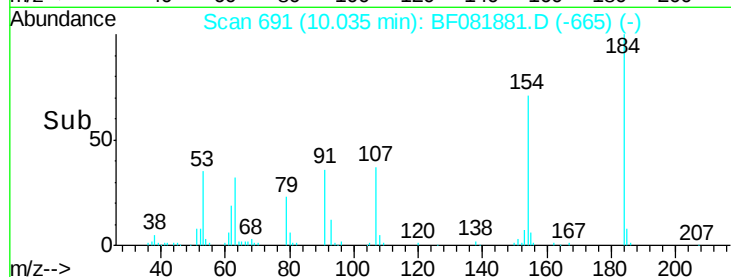
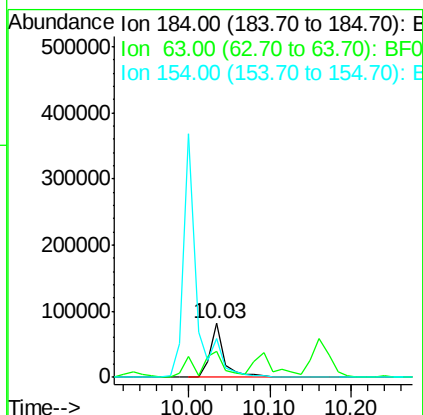
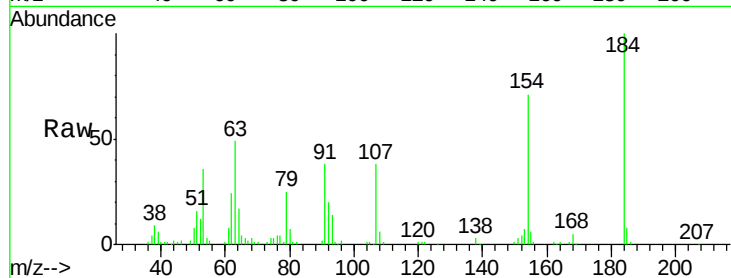




#53
2,4-Dinitrophenol
Concen: 79.98 ng
RT: 10.03 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF081881.D
Acq: 29 Sep 2015 15:55

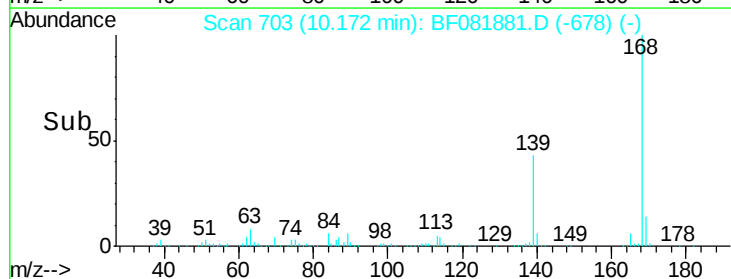
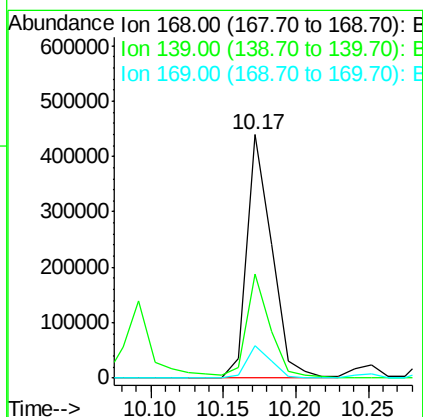
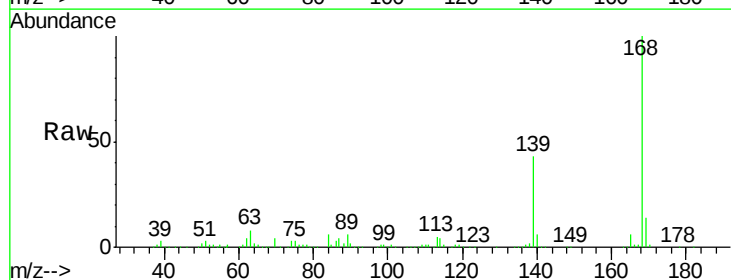
Instrument :
BNA_F
ClientSampleId :
PB85717BS

Tgt Ion:184 Resp: 98515
Ion Ratio Lower Upper
184 100
63 49.3 35.4 53.2
154 71.2 32.2 48.4#



#54
Dibenzofuran
Concen: 38.12 ng
RT: 10.17 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF081881.D
Acq: 29 Sep 2015 15:55

Tgt Ion:168 Resp: 523339
Ion Ratio Lower Upper
168 100
139 42.7 24.2 36.2#
169 13.5 10.6 15.8

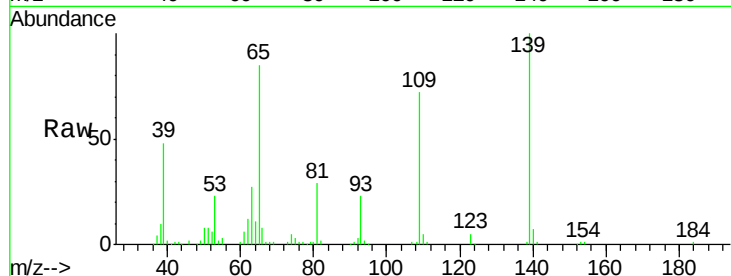




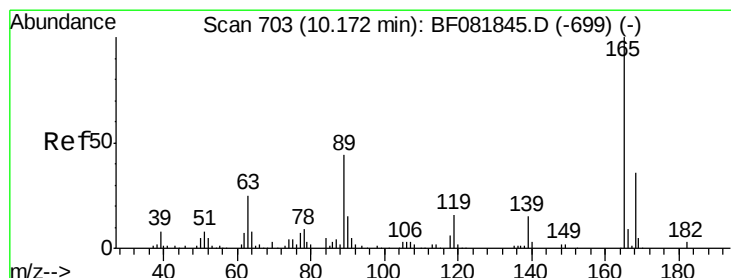
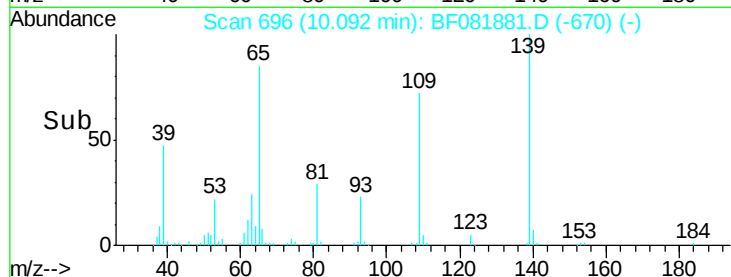
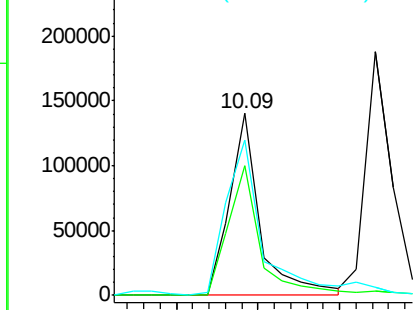
#55
4-Nitrophenol
Concen: 85.82 ng
RT: 10.09 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF081881.D
Acq: 29 Sep 2015 15:55

Instrument :
BNA_F
ClientSampleId :
PB85717BS

Tgt Ion:139 Resp: 181406
Ion Ratio Lower Upper
139 100
109 71.5 12.7 52.7#
65 85.3 45.9 85.9

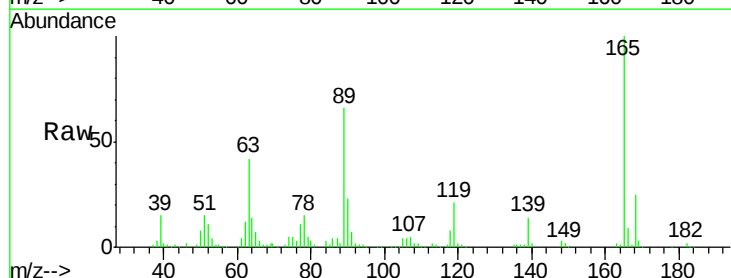


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

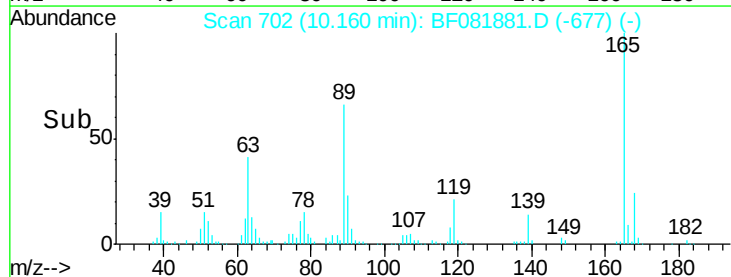
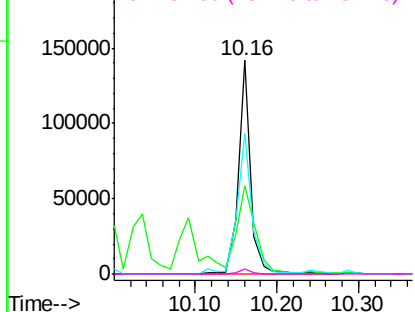


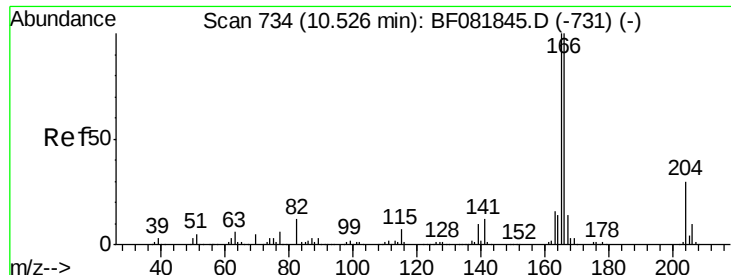
#56
2,4-Dinitrotoluene
Concen: 46.22 ng
RT: 10.16 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF081881.D
Acq: 29 Sep 2015 15:55

Tgt Ion:165 Resp: 148983
Ion Ratio Lower Upper
165 100
63 41.7 29.8 44.6
89 65.9 44.5 66.7
182 2.2 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

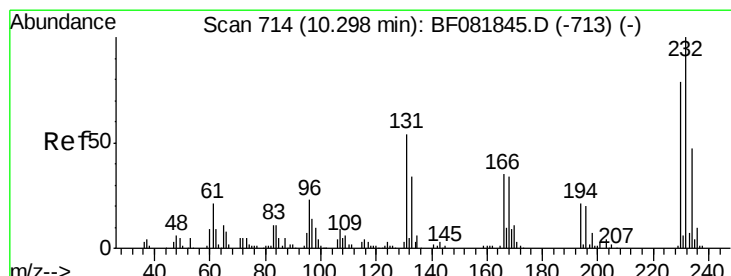
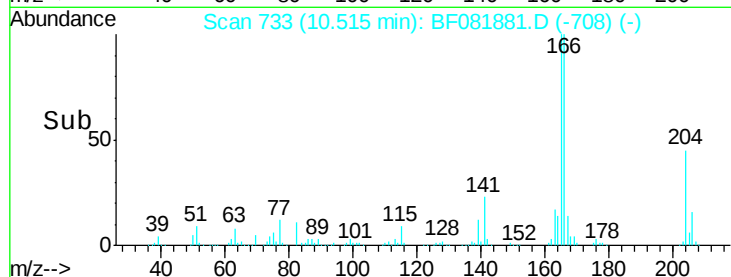
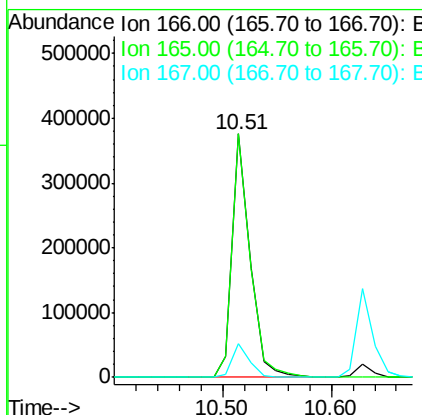
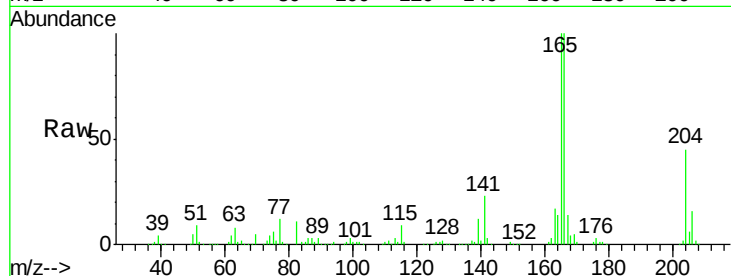




#57
 Fluorene
 Concen: 43.53 ng
 RT: 10.51 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF081881.D
 Acq: 29 Sep 2015 15:55

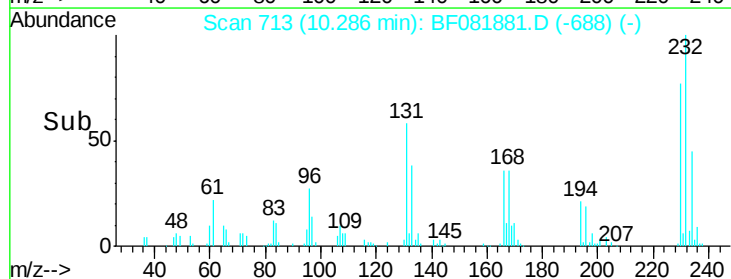
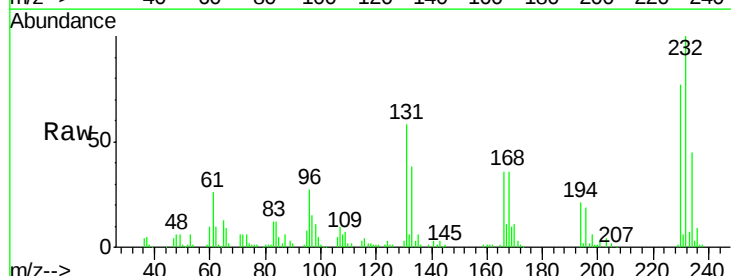
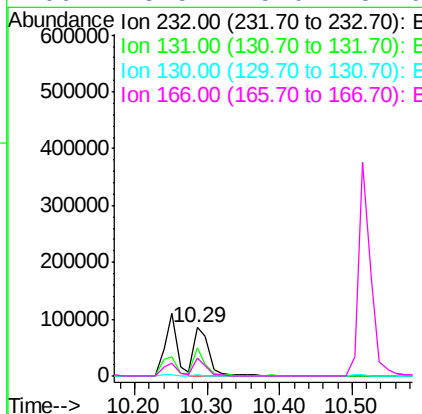
Instrument :
 BNA_F
 ClientSampleId :
 PB85717BS

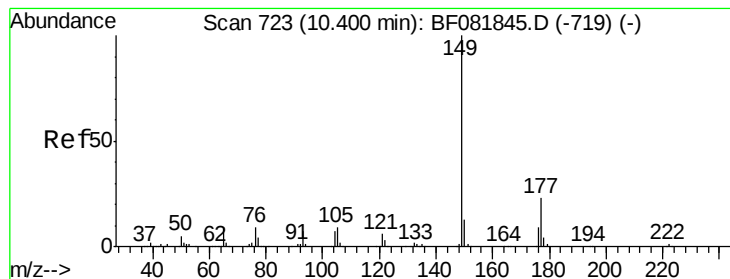
Tgt Ion:166 Resp: 428111
 Ion Ratio Lower Upper
 166 100
 165 99.9 72.6 109.0
 167 13.8 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.00 ng
 RT: 10.29 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: BF081881.D
 Acq: 29 Sep 2015 15:55

Tgt Ion:232 Resp: 127470
 Ion Ratio Lower Upper
 232 100
 131 44.0 38.5 57.7
 130 2.0 1.8 2.6
 166 28.5 25.0 37.6





#59

Diethylphthalate

Concen: 43.04 ng

RT: 10.39 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF081881.D

Acq: 29 Sep 2015 15:55

Instrument :

BNA_F

ClientSampleId :

PB85717BS

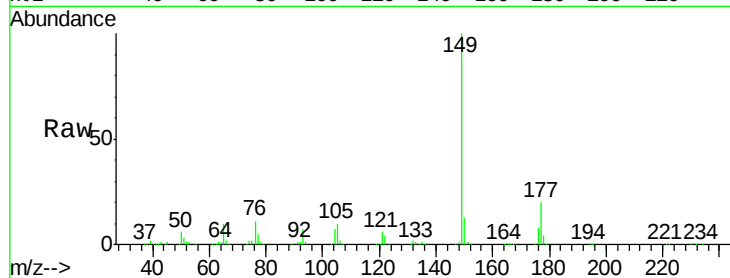
Tgt Ion:149 Resp: 468264

Ion Ratio Lower Upper

149 100

177 20.2 17.5 26.3

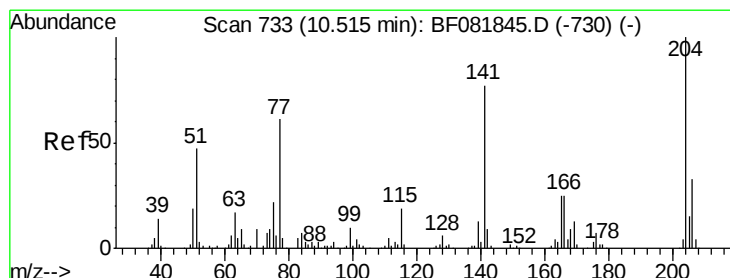
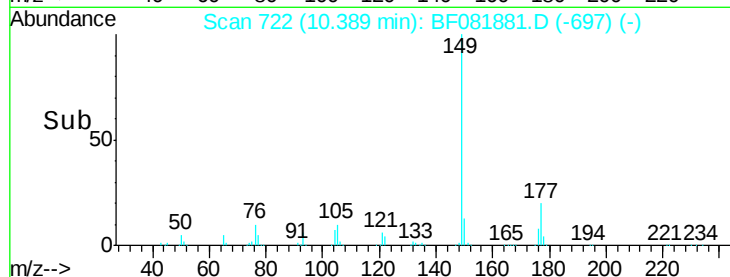
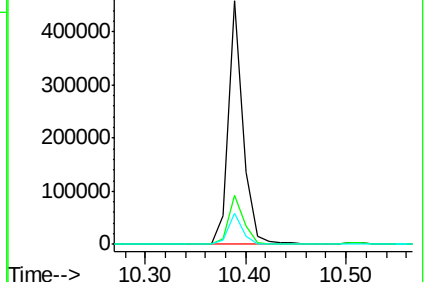
150 12.7 9.4 14.2



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: 41.12 ng

RT: 10.51 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF081881.D

Acq: 29 Sep 2015 15:55

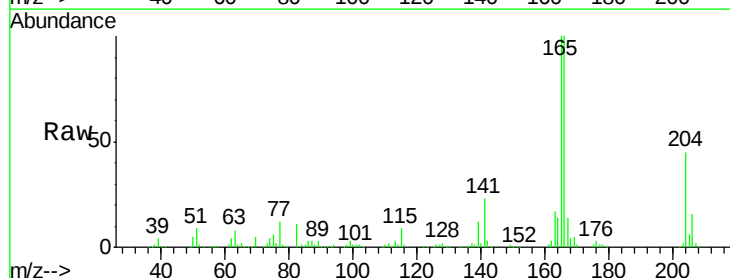
Tgt Ion:204 Resp: 206660

Ion Ratio Lower Upper

204 100

206 35.2 24.8 37.2

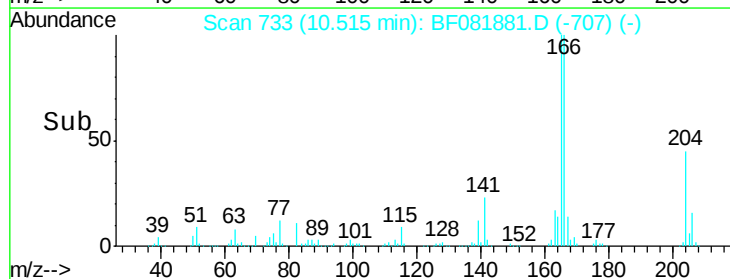
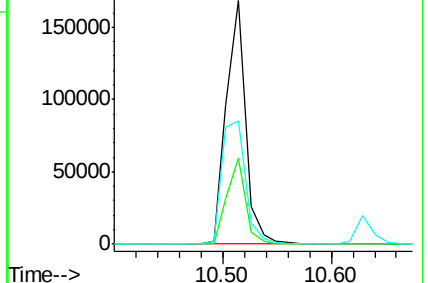
141 50.8 42.2 63.4

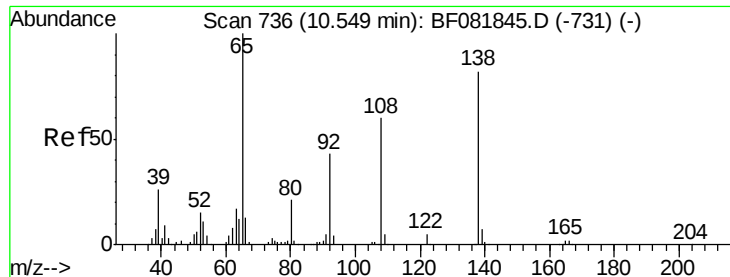


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

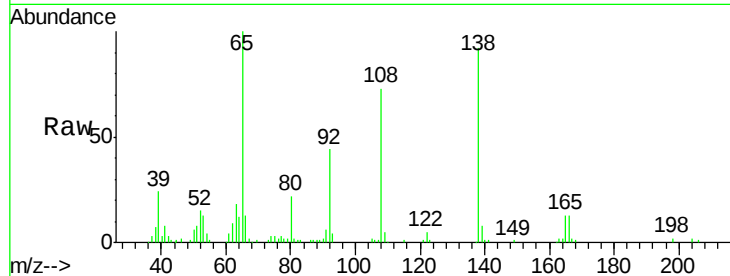




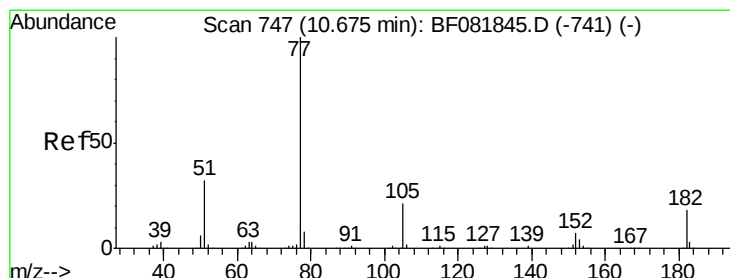
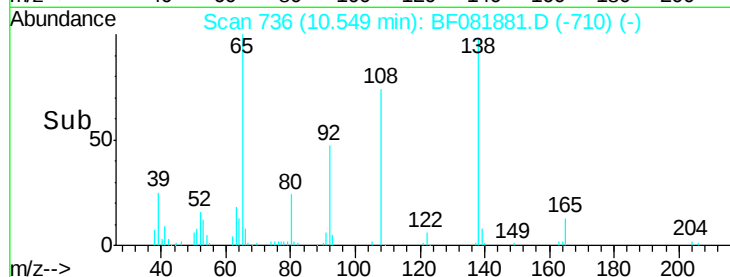
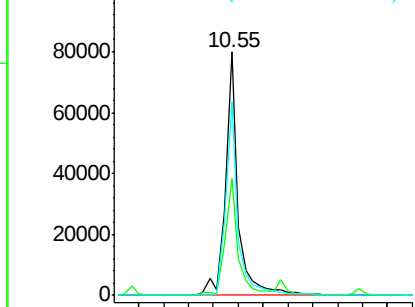
#61
 4-Nitroaniline
 Concen: 38.21 ng
 RT: 10.55 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF081881.D
 Acq: 29 Sep 2015 15:55

Instrument :
 BNA_F
 ClientSampleId :
 PB85717BS

Tgt Ion:138 Resp: 112068
 Ion Ratio Lower Upper
 138 100
 92 48.1 12.6 52.6
 108 79.7 12.4 52.4#

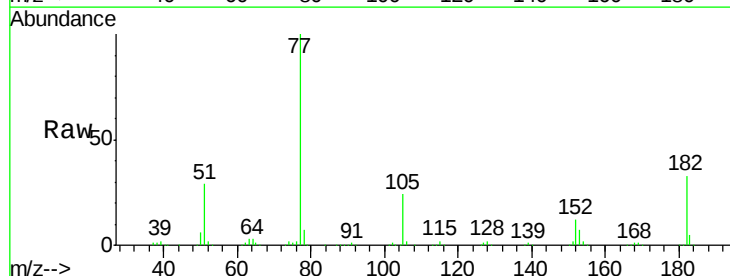


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 108.00 (107.70 to 108.70): E

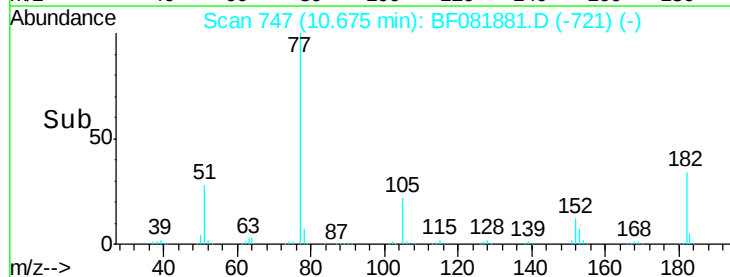
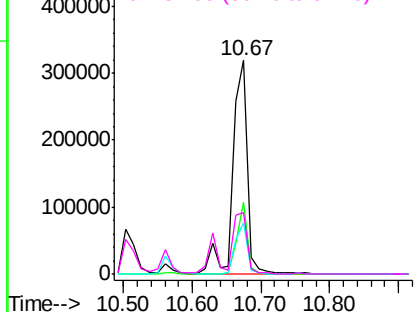


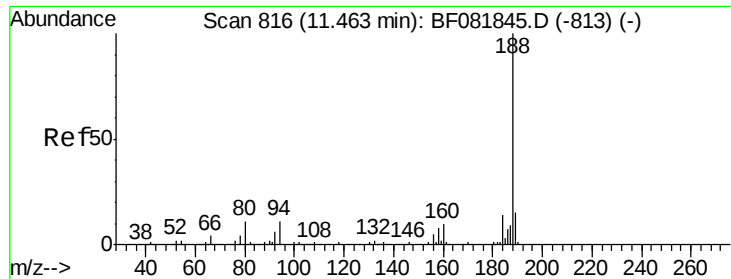
#62
 Azobenzene
 Concen: 44.73 ng
 RT: 10.67 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF081881.D
 Acq: 29 Sep 2015 15:55

Tgt Ion: 77 Resp: 474912
 Ion Ratio Lower Upper
 77 100
 182 33.4 15.1 55.1
 105 23.8 3.4 43.4
 51 28.5 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

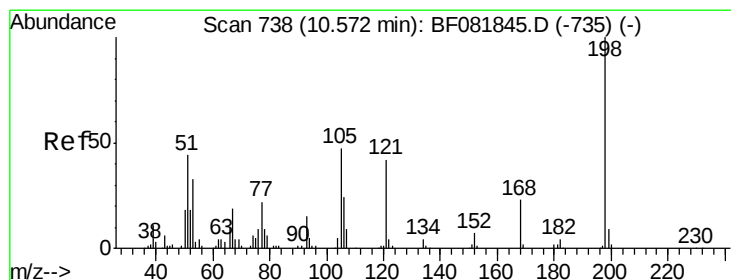
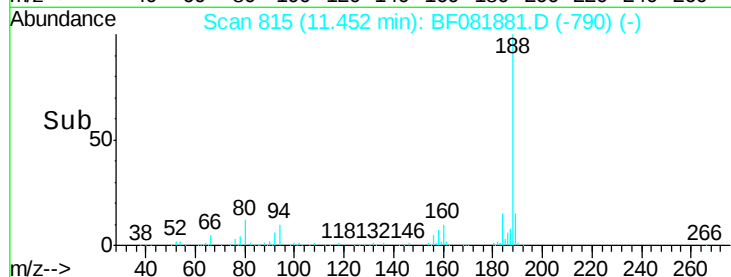
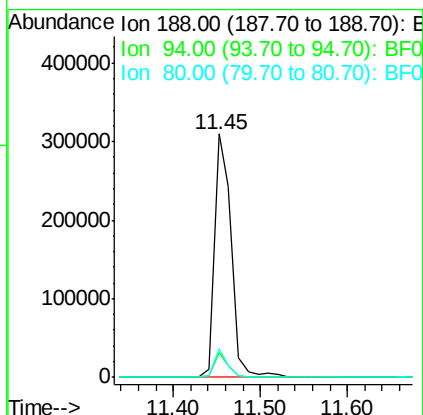
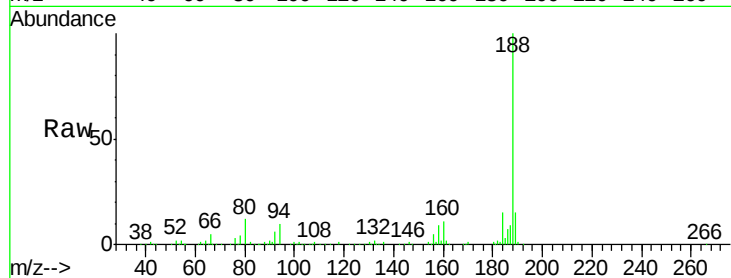




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF081881.D
Acq: 29 Sep 2015 15:55

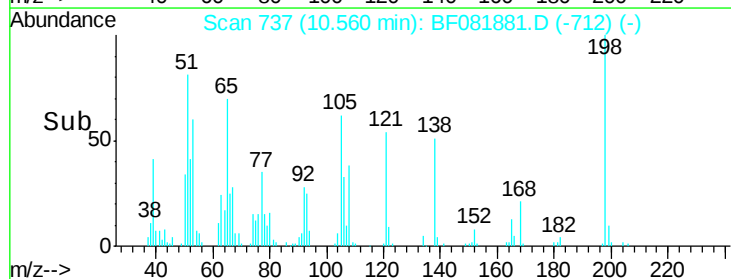
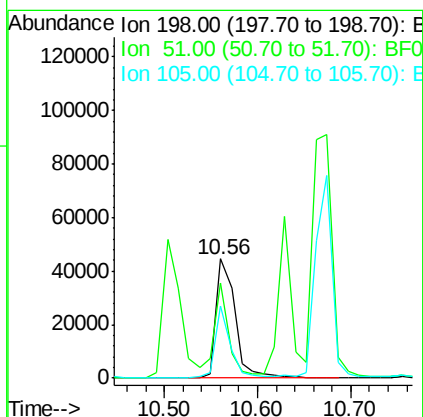
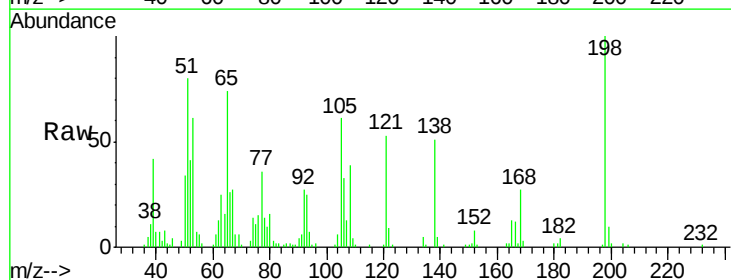
Instrument :
BNA_F
ClientSampleId :
PB85717BS

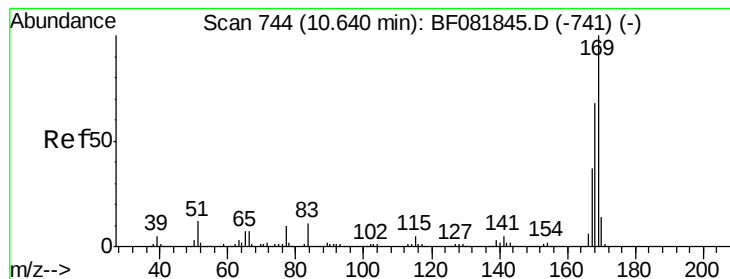
Tgt Ion:188 Resp: 420682
Ion Ratio Lower Upper
188 100
94 10.2 11.1 16.7#
80 11.8 11.0 16.4



#64
4,6-Dinitro-2-methylphenol
Concen: 35.19 ng
RT: 10.56 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF081881.D
Acq: 29 Sep 2015 15:55

Tgt Ion:198 Resp: 62793
Ion Ratio Lower Upper
198 100
51 80.1 39.6 79.6#
105 61.1 28.5 68.5





#65

n-Nitrosodiphenylamine

Concen: 30.26 ng

RT: 10.63 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF081881.D

Acq: 29 Sep 2015 15:55

Instrument :

BNA_F

ClientSampleId :

PB85717BS

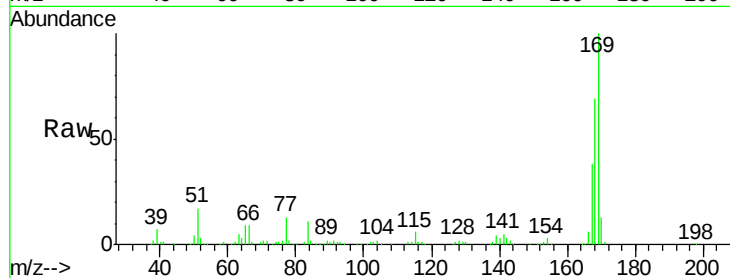
Tgt Ion:169 Resp: 385121

Ion Ratio Lower Upper

169 100

168 68.9 48.9 73.3

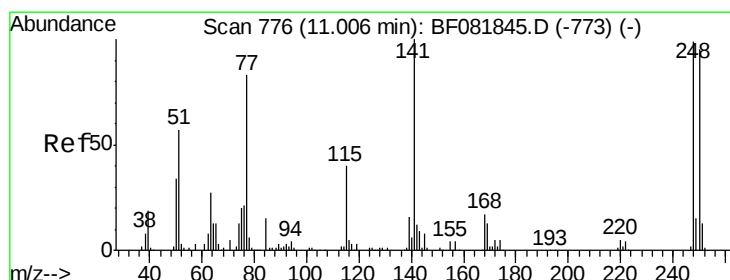
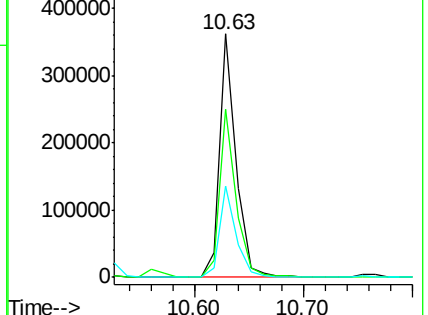
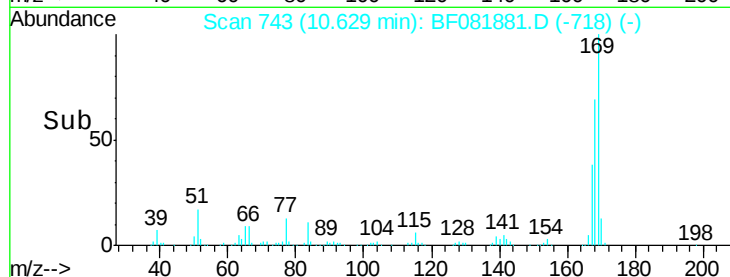
167 37.8 26.2 39.4



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: 37.57 ng

RT: 11.01 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF081881.D

Acq: 29 Sep 2015 15:55

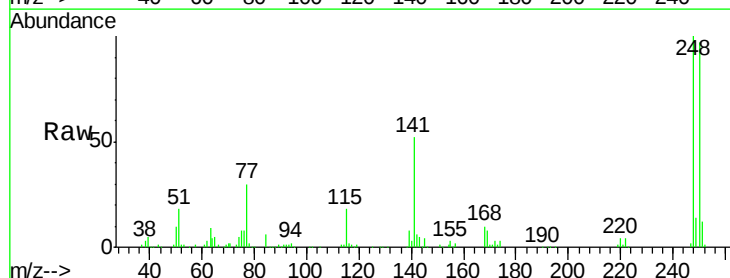
Tgt Ion:248 Resp: 159369

Ion Ratio Lower Upper

248 100

250 96.6 78.5 117.7

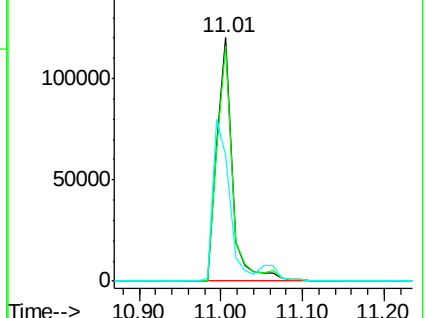
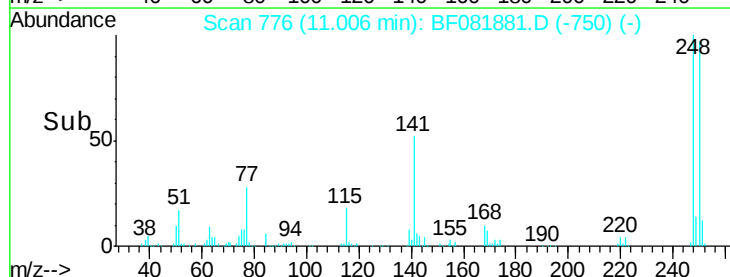
141 51.8 59.0 88.6#



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

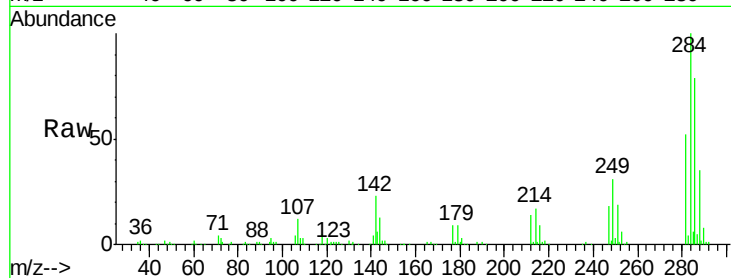




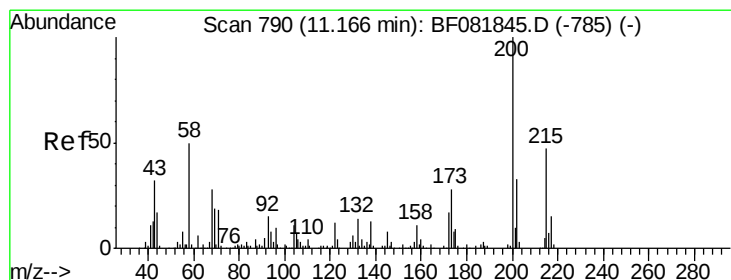
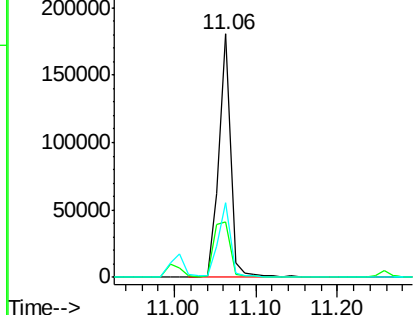
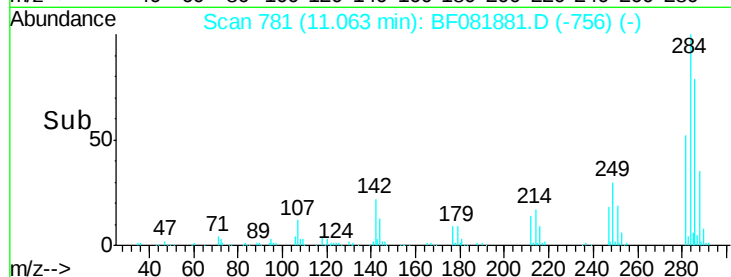
#67
Hexachlorobenzene
Concen: 37.92 ng
RT: 11.06 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF081881.D
Acq: 29 Sep 2015 15:55

Instrument :
BNA_F
ClientSampleId :
PB85717BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	22.9	29.5	44.3#
249	30.6	19.5	29.3#

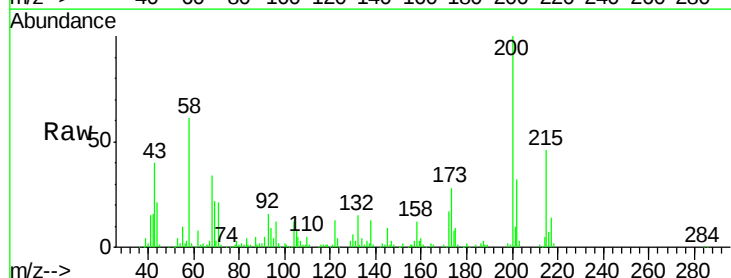


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

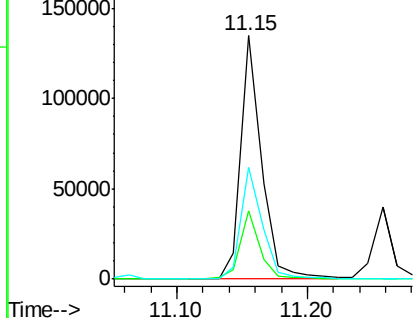
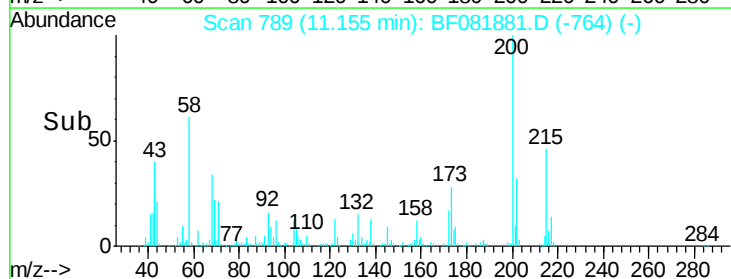


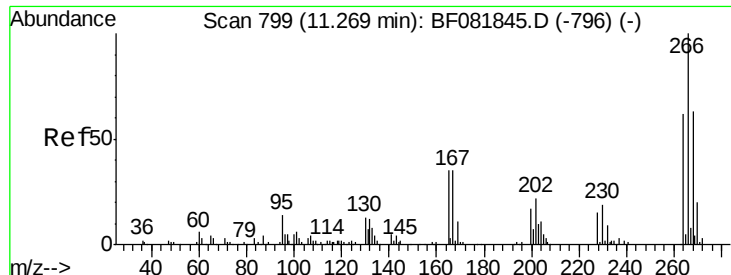
#68
Atrazine
Concen: 37.93 ng
RT: 11.15 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF081881.D
Acq: 29 Sep 2015 15:55

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.1	13.2	53.2
215	46.0	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

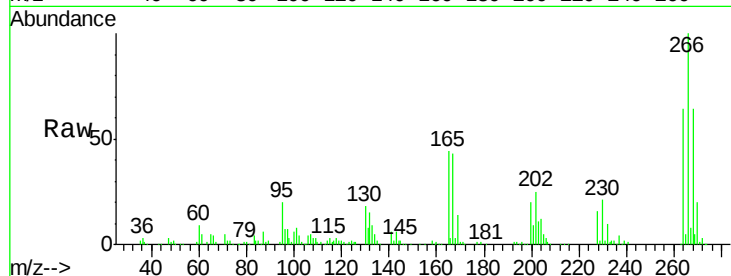




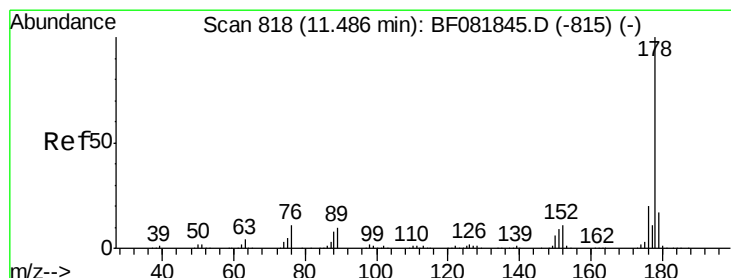
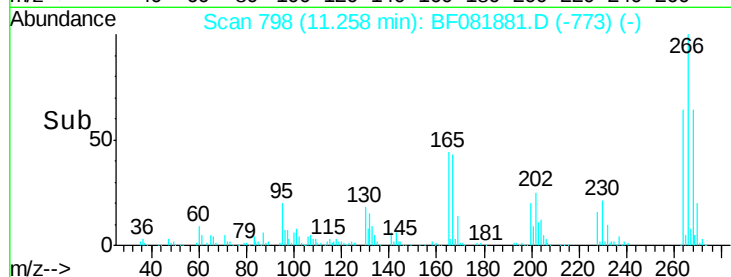
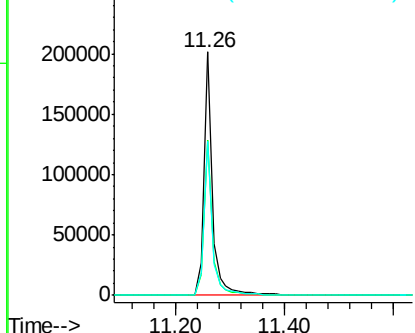
#69
 Pentachlorophenol
 Concen: 79.12 ng
 RT: 11.26 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF081881.D
 Acq: 29 Sep 2015 15:55

Instrument :
 BNA_F
 ClientSampleId :
 PB85717BS

Tgt Ion:266 Resp: 215799
 Ion Ratio Lower Upper
 266 100
 268 63.7 49.8 74.6
 264 63.5 50.2 75.2

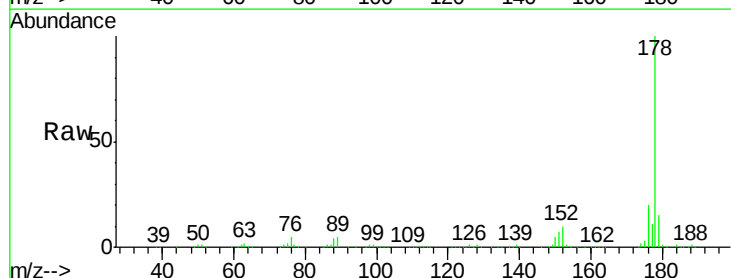


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

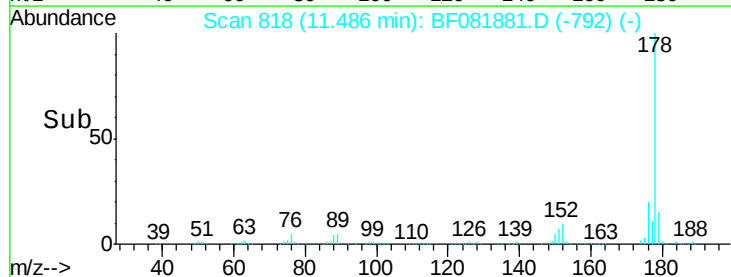
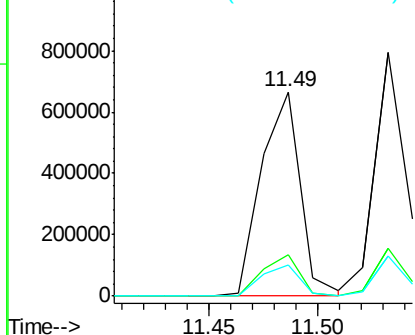


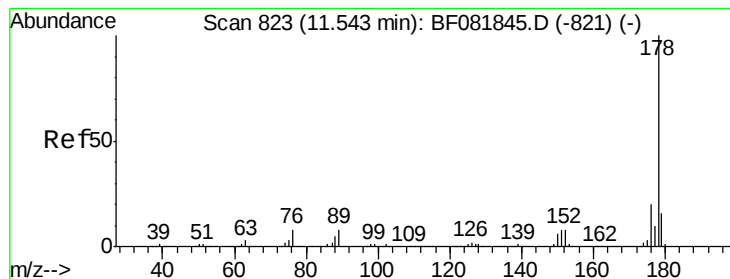
#70
 Phenanthrene
 Concen: 41.15 ng
 RT: 11.49 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF081881.D
 Acq: 29 Sep 2015 15:55

Tgt Ion:178 Resp: 836051
 Ion Ratio Lower Upper
 178 100
 176 20.2 13.8 20.8
 179 15.5 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: 40.04 ng

RT: 11.53 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF081881.D

Acq: 29 Sep 2015 15:55

Instrument :

BNA_F

ClientSampleId :

PB85717BS

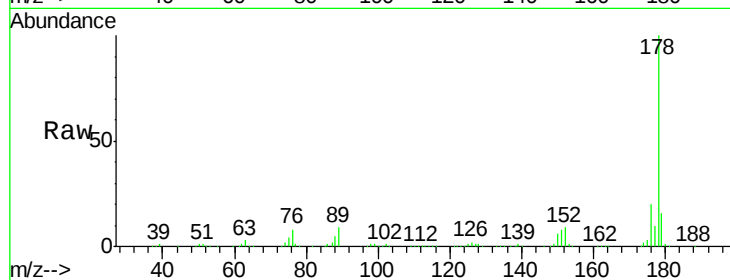
Tgt Ion:178 Resp: 856138

Ion Ratio Lower Upper

178 100

176 19.5 14.1 21.1

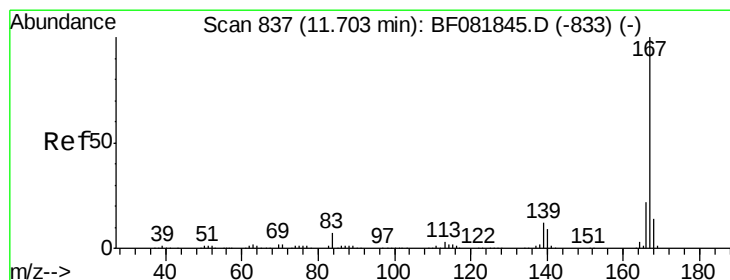
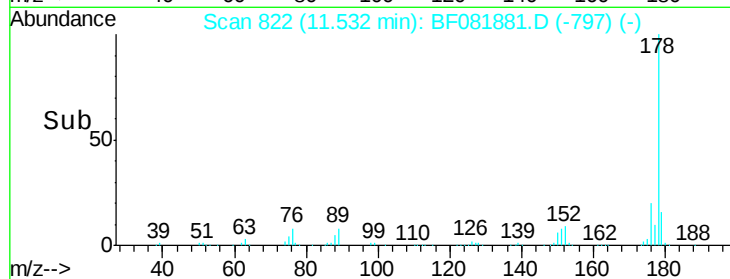
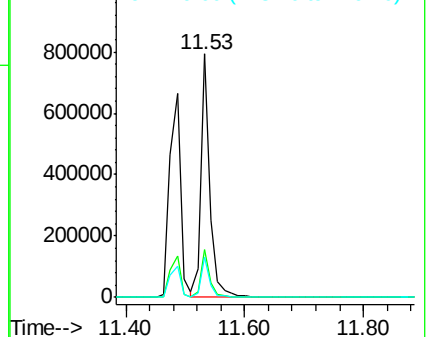
179 16.3 12.2 18.2



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: 40.97 ng

RT: 11.69 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF081881.D

Acq: 29 Sep 2015 15:55

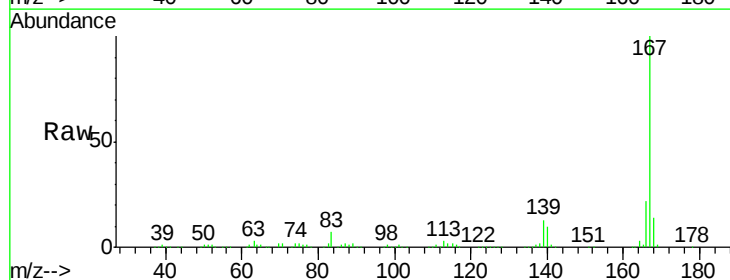
Tgt Ion:167 Resp: 792903

Ion Ratio Lower Upper

167 100

166 22.3 15.7 23.5

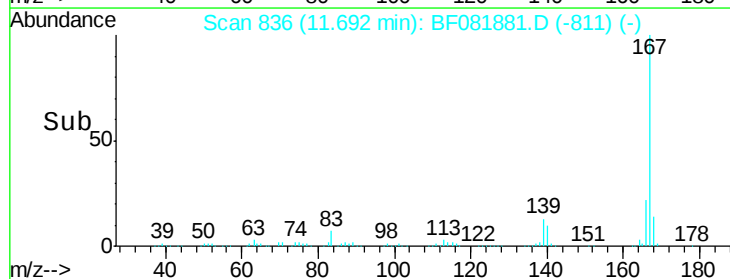
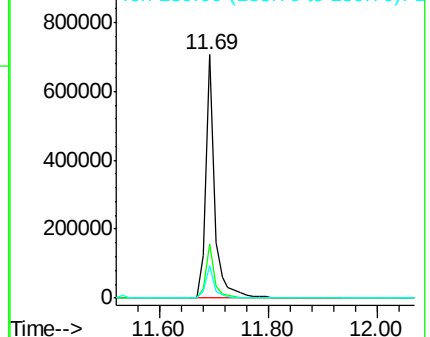
139 13.4 9.5 14.3

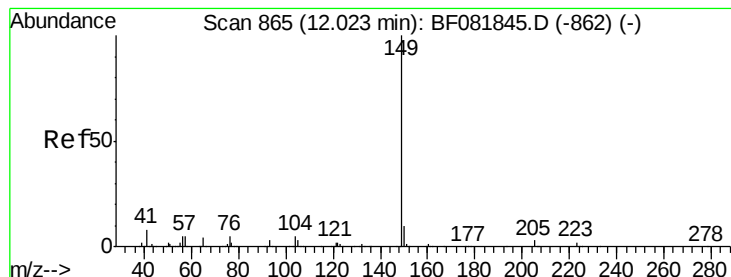


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.36 ng

RT: 12.01 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF081881.D

Acq: 29 Sep 2015 15:55

Instrument :

BNA_F

ClientSampleId :

PB85717BS

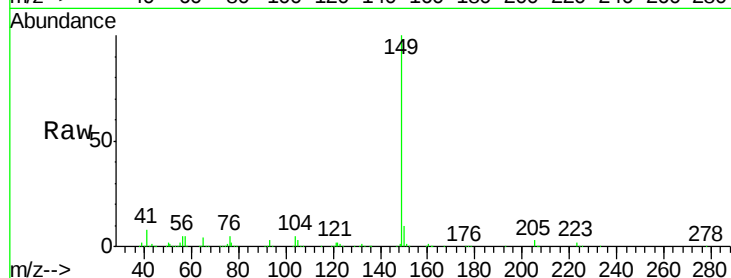
Tgt Ion:149 Resp: 893762

Ion Ratio Lower Upper

149 100

150 9.7 7.4 11.2

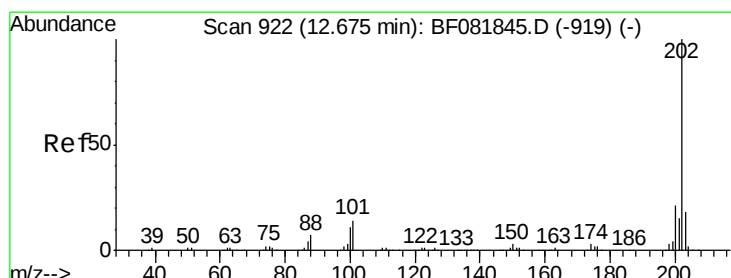
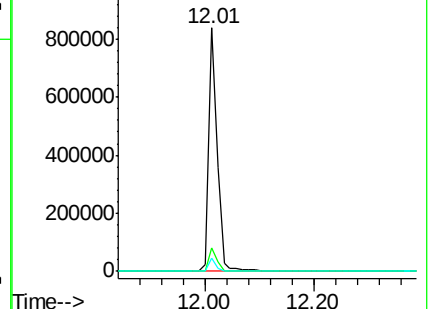
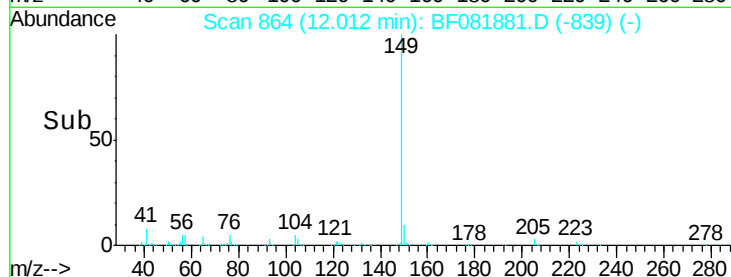
104 5.3 2.4 3.6#



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: 39.81 ng

RT: 12.67 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF081881.D

Acq: 29 Sep 2015 15:55

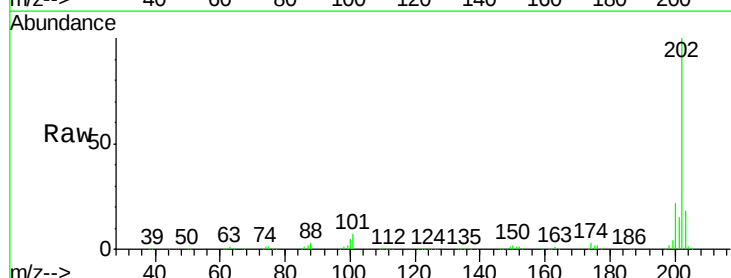
Tgt Ion:202 Resp: 897139

Ion Ratio Lower Upper

202 100

101 6.9 0.0 38.3

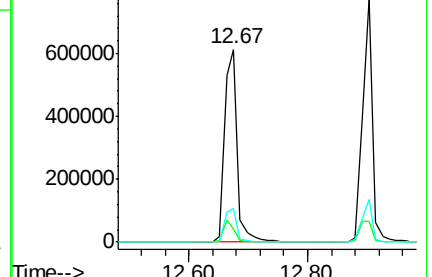
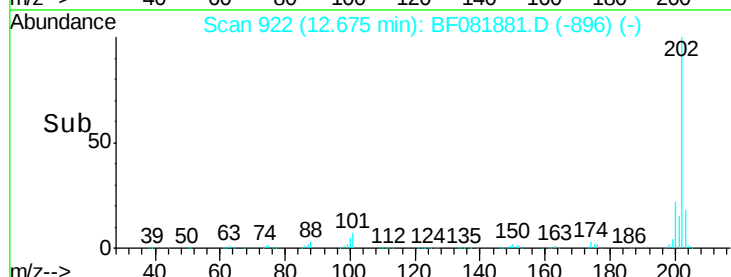
203 17.7 0.0 37.3

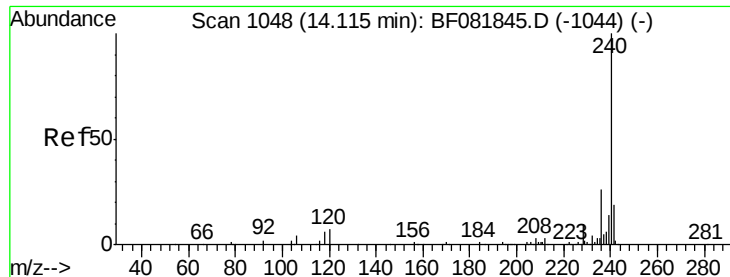


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.10 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF081881.D

Acq: 29 Sep 2015 15:55

Instrument :

BNA_F

ClientSampleId :

PB85717BS

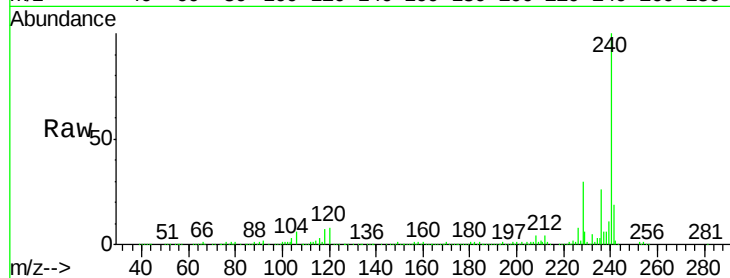
Tgt Ion:240 Resp: 412183

Ion Ratio Lower Upper

240 100

120 8.5 16.2 24.2#

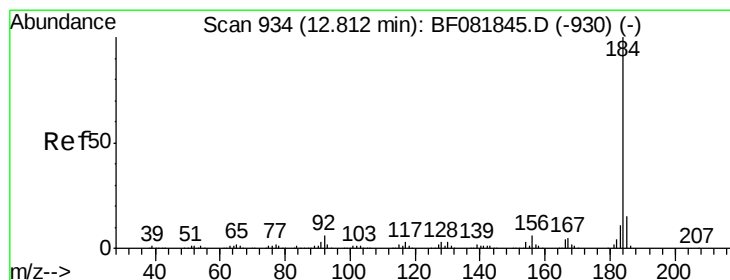
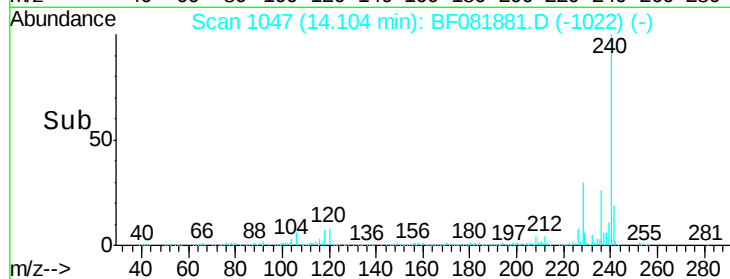
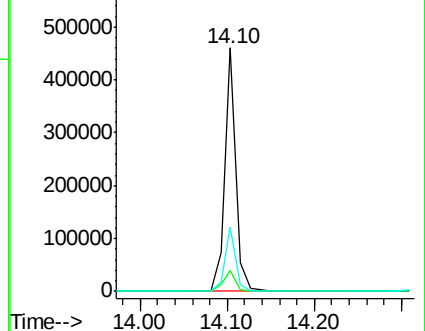
236 26.2 18.4 27.6



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: 26.25 ng

RT: 12.80 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF081881.D

Acq: 29 Sep 2015 15:55

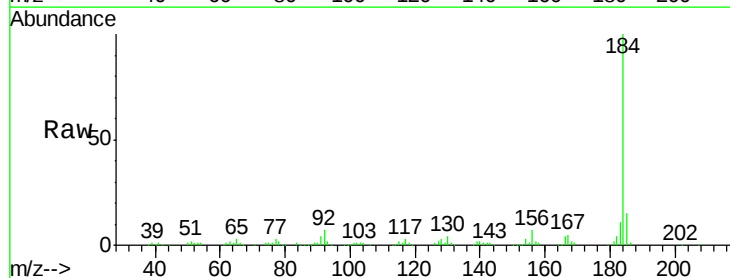
Tgt Ion:184 Resp: 325985

Ion Ratio Lower Upper

184 100

185 14.6 11.8 17.6

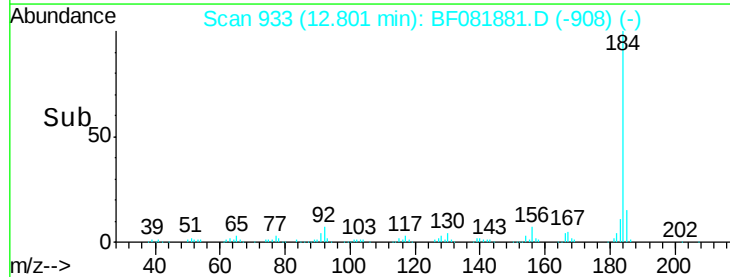
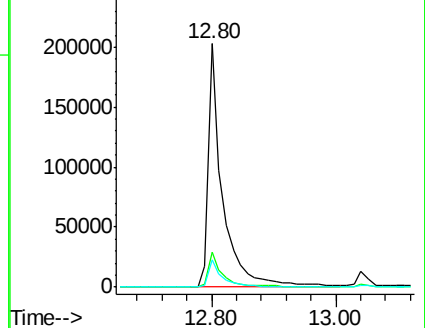
183 11.3 7.6 11.4

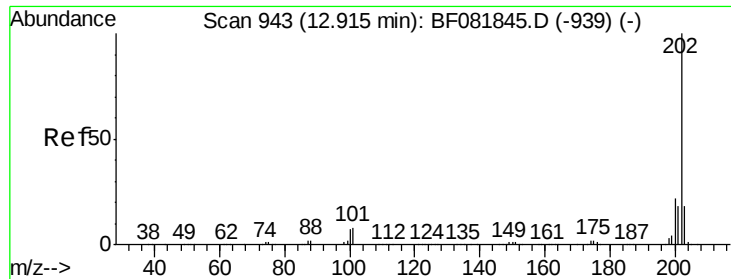


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

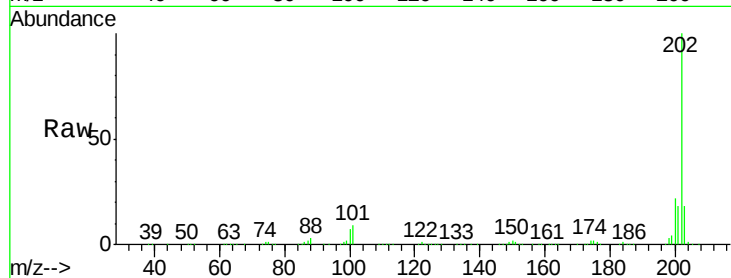




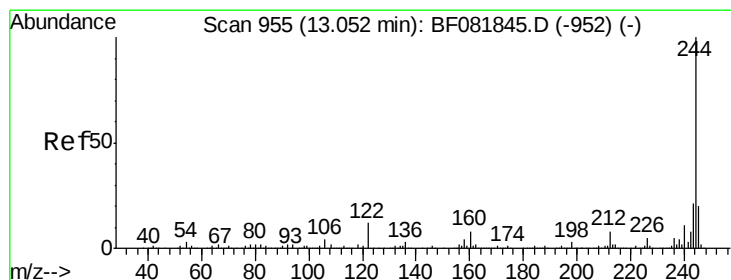
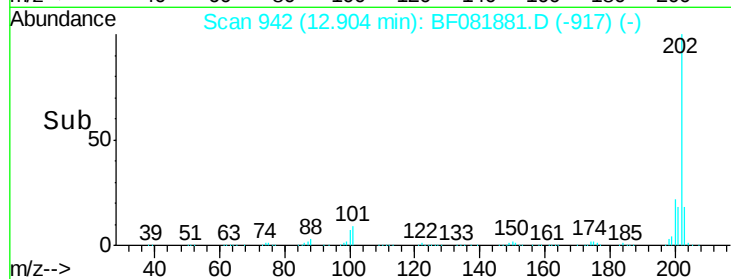
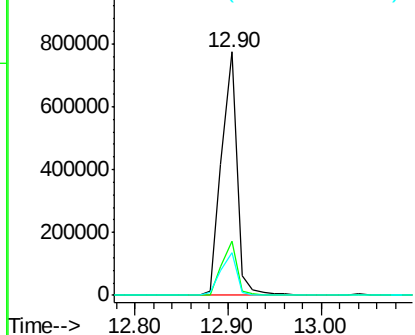
#77
Pyrene
 Concen: 36.53 ng
 RT: 12.90 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: BF081881.D
 Acq: 29 Sep 2015 15:55

Instrument :
 BNA_F
 ClientSampleId :
 PB85717BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.2	15.0	22.4
203	17.7	14.1	21.1

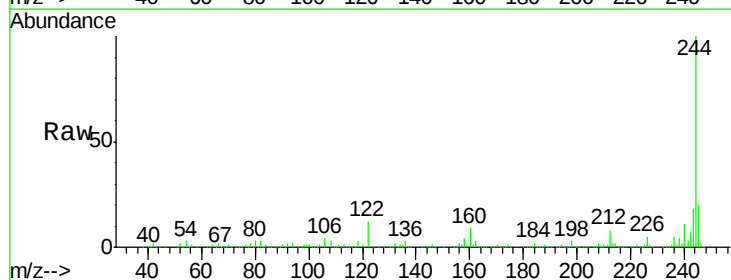


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

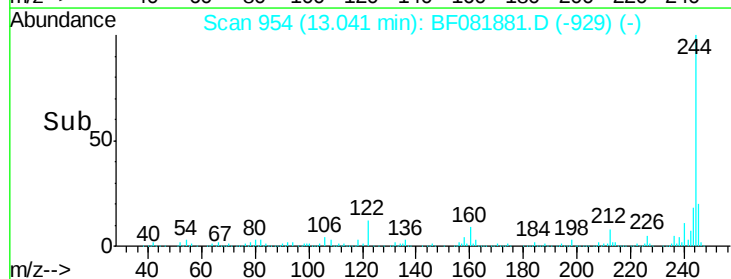
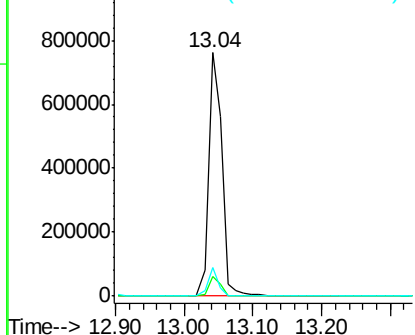


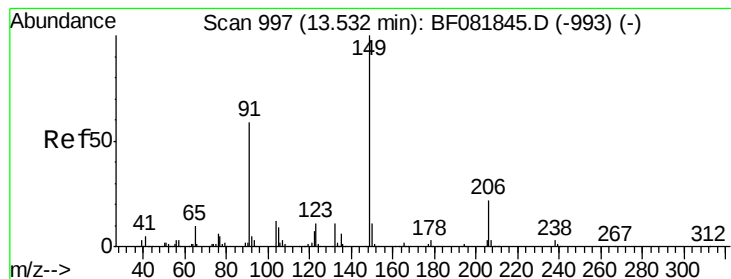
#78
Terphenyl-d14
 Concen: 78.14 ng
 RT: 13.04 min Scan# 954
 Delta R.T. -0.01 min
 Lab File: BF081881.D
 Acq: 29 Sep 2015 15:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	4.3	6.5#
122	12.0	17.4	26.2#



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 46.43 ng

RT: 13.52 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF081881.D

Acq: 29 Sep 2015 15:55

Instrument :

BNA_F

ClientSampleId :

PB85717BS

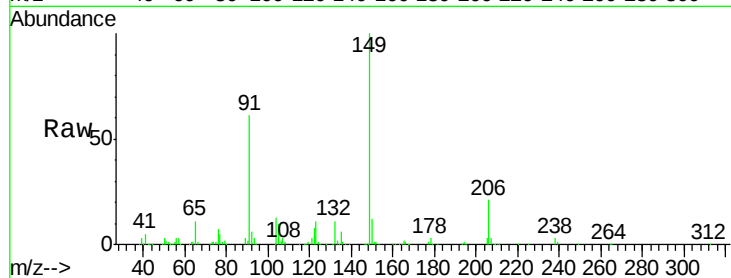
Tgt Ion:149 Resp: 430169

Ion Ratio Lower Upper

149 100

91 61.2 48.6 72.8

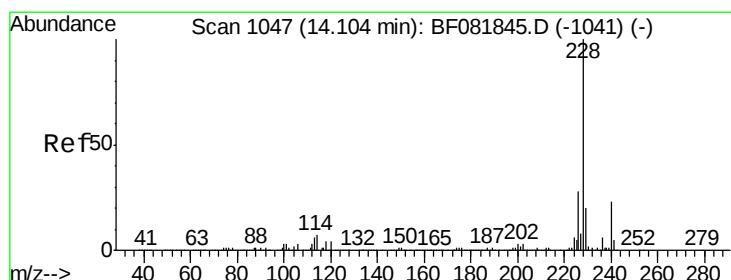
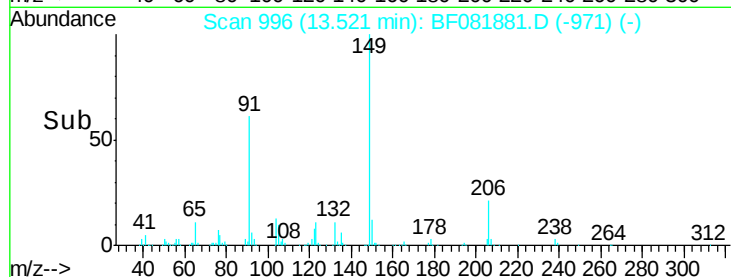
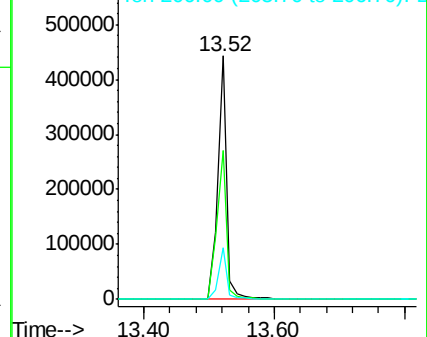
206 21.3 14.9 22.3



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: 38.72 ng

RT: 14.09 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF081881.D

Acq: 29 Sep 2015 15:55

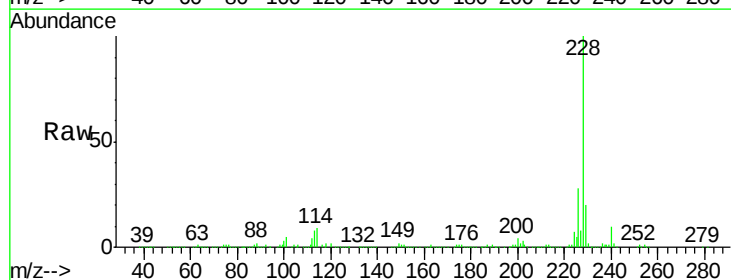
Tgt Ion:228 Resp: 859325

Ion Ratio Lower Upper

228 100

226 28.2 20.0 30.0

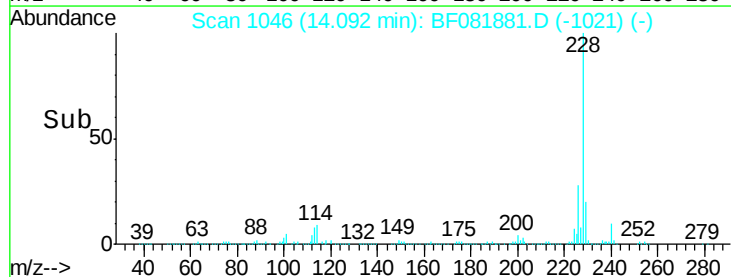
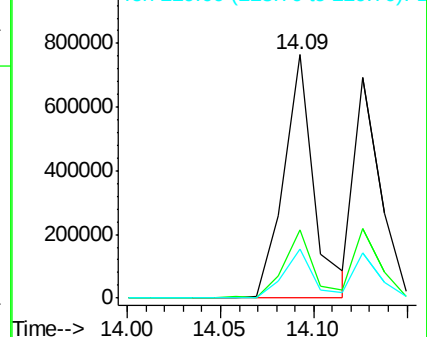
229 20.2 15.4 23.2



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

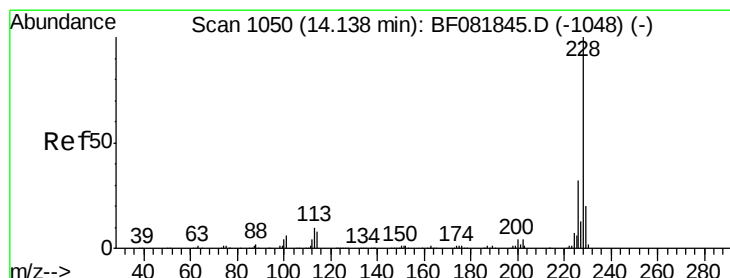
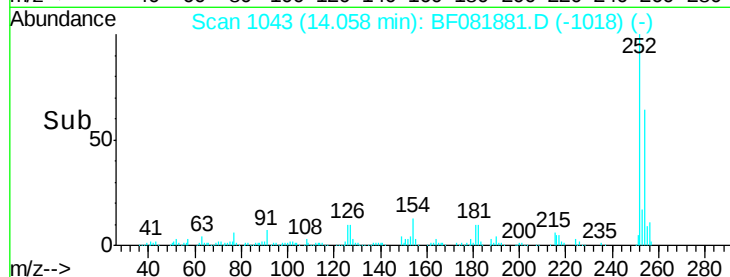
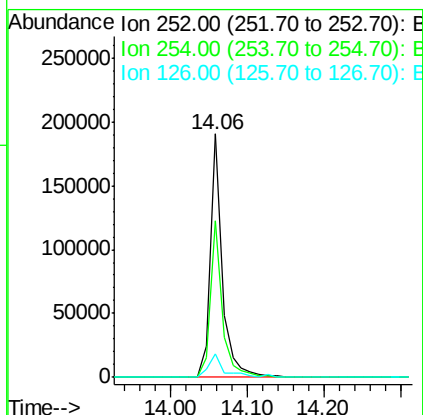
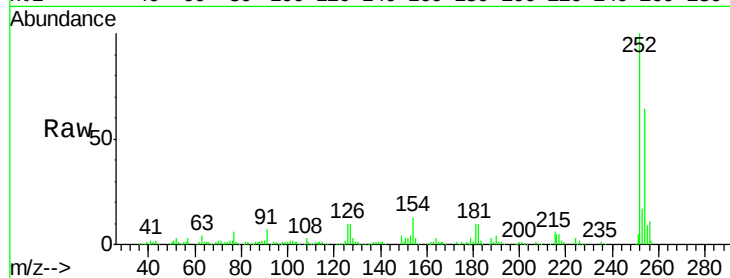




#81
 3,3'-Dichlorobenzidine
 Concen: 27.29 ng
 RT: 14.06 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF081881.D
 Acq: 29 Sep 2015 15:55

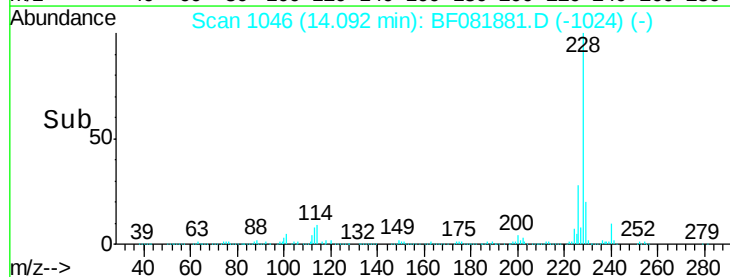
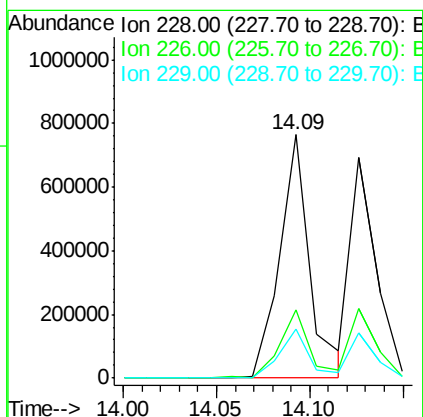
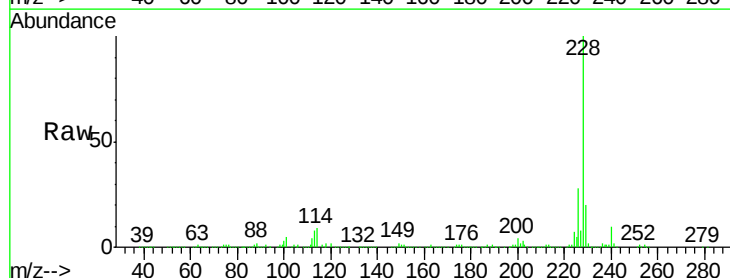
Instrument :
 BNA_F
 ClientSampleId :
 PB85717BS

Tgt Ion:252 Resp: 204561
 Ion Ratio Lower Upper
 252 100
 254 64.4 51.4 77.2
 126 9.7 16.4 24.6#



#82
 Chrysene
 Concen: 43.74 ng
 RT: 14.09 min Scan# 1046
 Delta R.T. -0.04 min
 Lab File: BF081881.D
 Acq: 29 Sep 2015 15:55

Tgt Ion:228 Resp: 859325
 Ion Ratio Lower Upper
 228 100
 226 28.2 21.0 31.4
 229 20.2 15.6 23.4

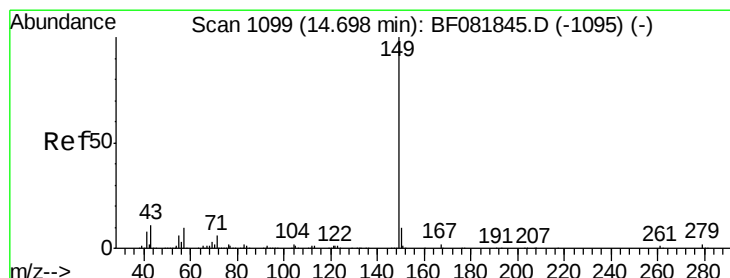
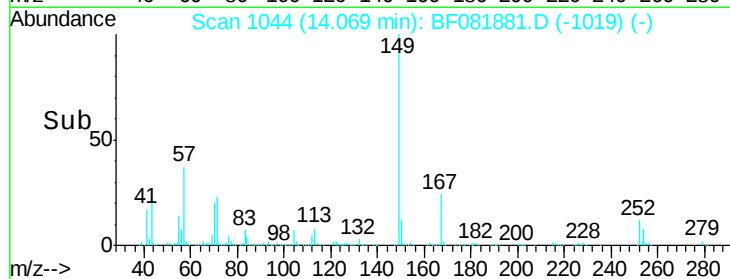
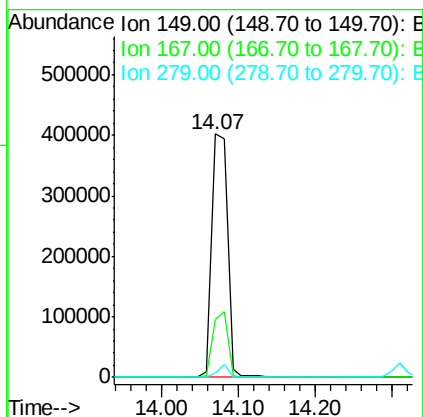
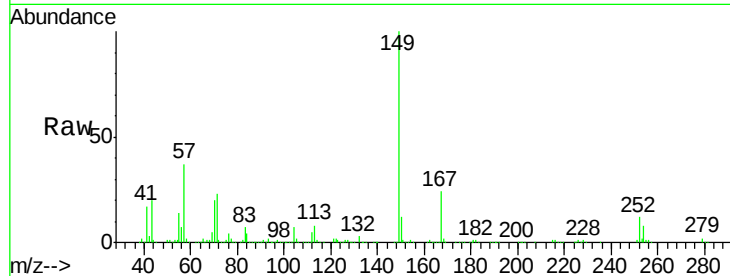




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.04 ng
 RT: 14.07 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BF081881.D
 Acq: 29 Sep 2015 15:55

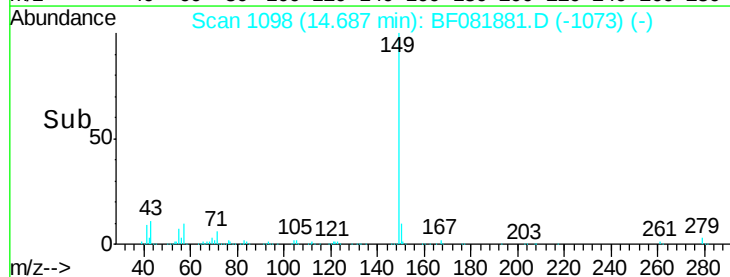
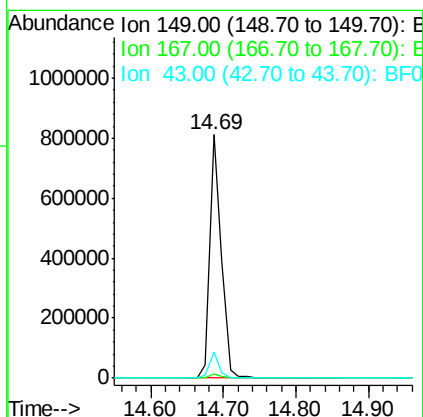
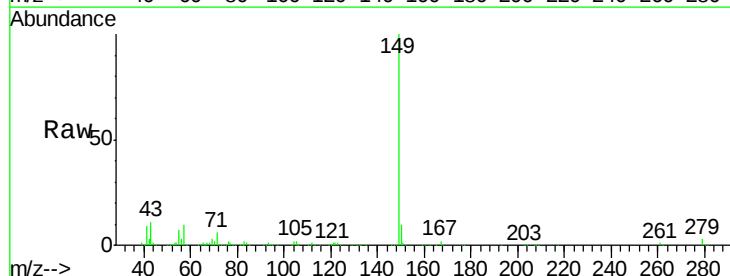
Instrument :
 BNA_F
 ClientSampleId :
 PB85717BS

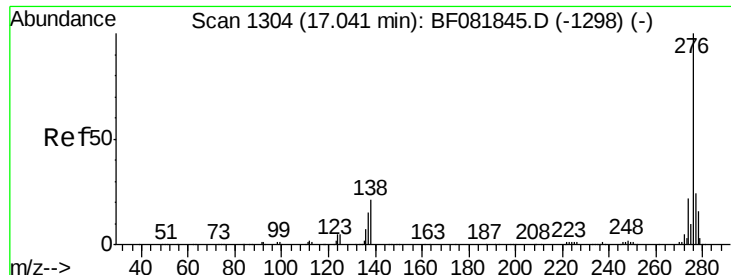
Tgt Ion:149 Resp: 570011
 Ion Ratio Lower Upper
 149 100
 167 23.8 24.2 36.2#
 279 1.9 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 46.95 ng
 RT: 14.69 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF081881.D
 Acq: 29 Sep 2015 15:55

Tgt Ion:149 Resp: 888110
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.0 1.6
 43 9.5 10.2 15.2#

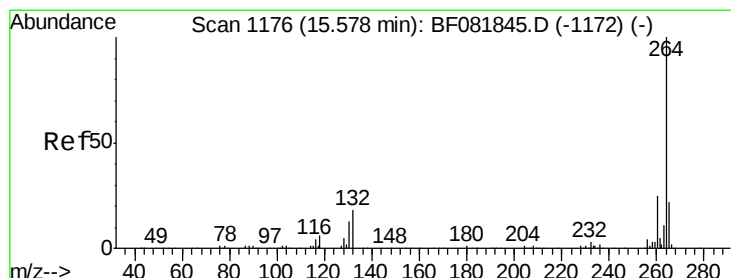
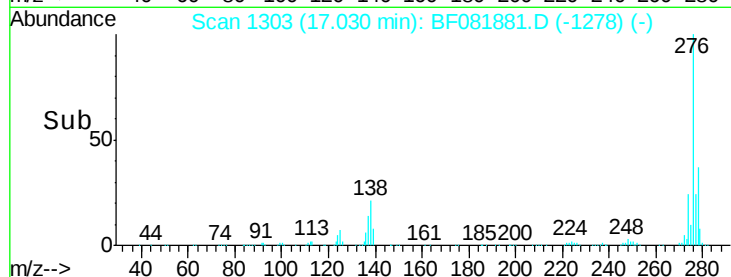
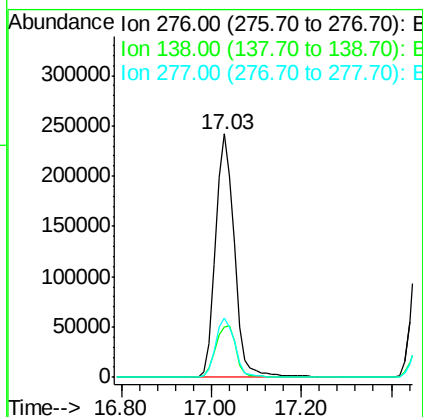
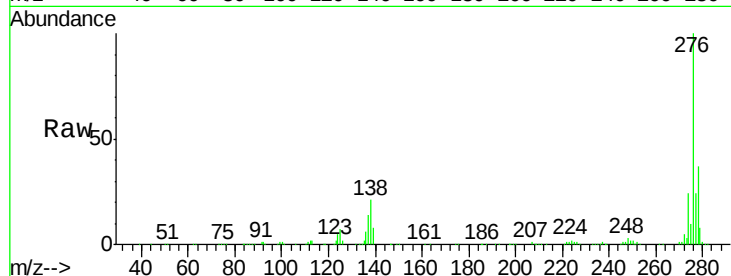




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.01 ng
 RT: 17.03 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF081881.D
 Acq: 29 Sep 2015 15:55

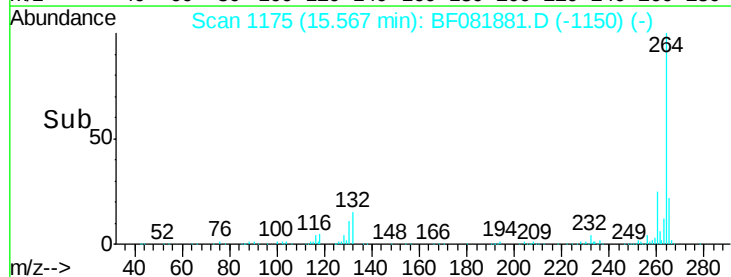
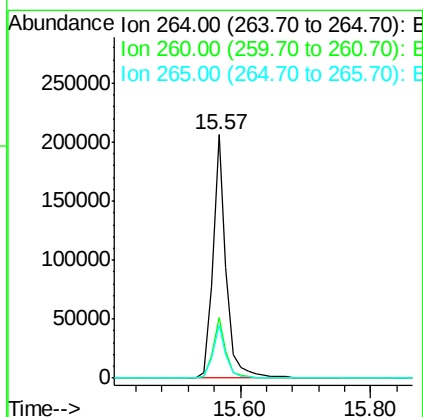
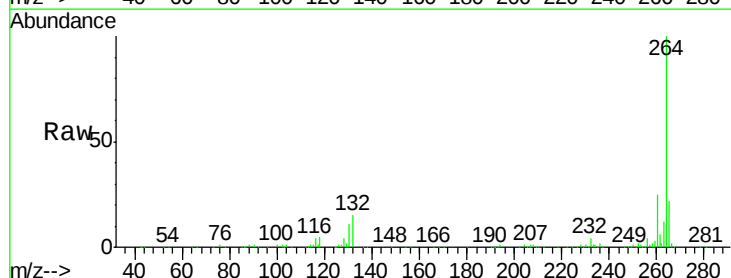
Instrument :
 BNA_F
 ClientSampleId :
 PB85717BS

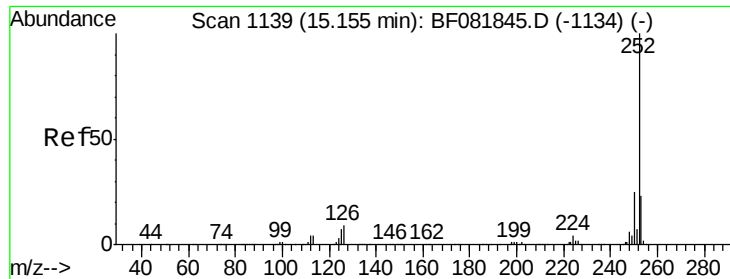
Tgt Ion: 276 Resp: 712104
 Ion Ratio Lower Upper
 276 100
 138 23.1 25.7 38.5#
 277 24.9 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF081881.D
 Acq: 29 Sep 2015 15:55

Tgt Ion: 264 Resp: 294439
 Ion Ratio Lower Upper
 264 100
 260 24.8 16.7 25.1
 265 21.7 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 44.51 ng

RT: 15.14 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BF081881.D

Acq: 29 Sep 2015 15:55

Instrument :

BNA_F

ClientSampleId :

PB85717BS

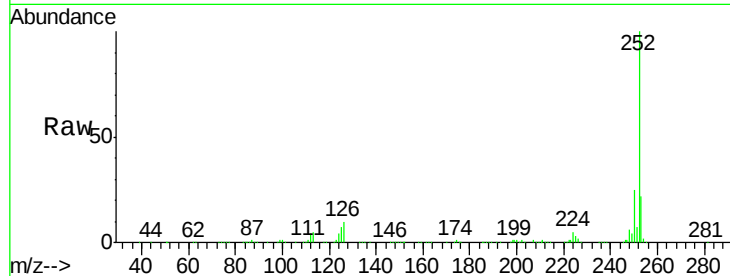
Tgt Ion:252 Resp: 748209

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

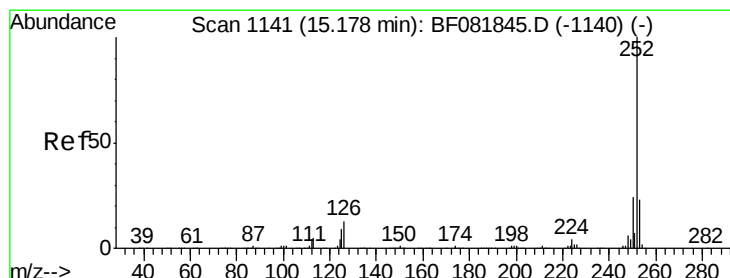
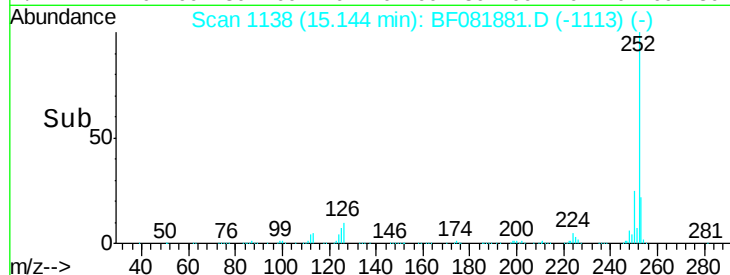
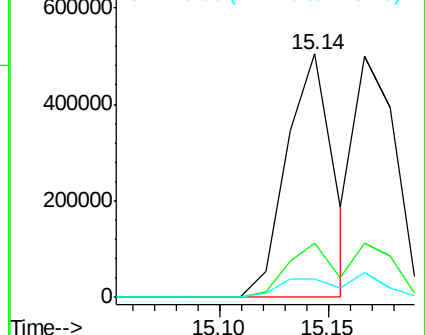
125 7.4 17.1 25.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 48.56 ng

RT: 15.14 min Scan# 1138

Delta R.T. -0.03 min

Lab File: BF081881.D

Acq: 29 Sep 2015 15:55

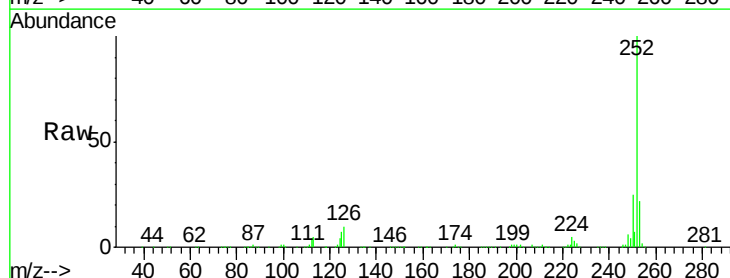
Tgt Ion:252 Resp: 748209

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.4

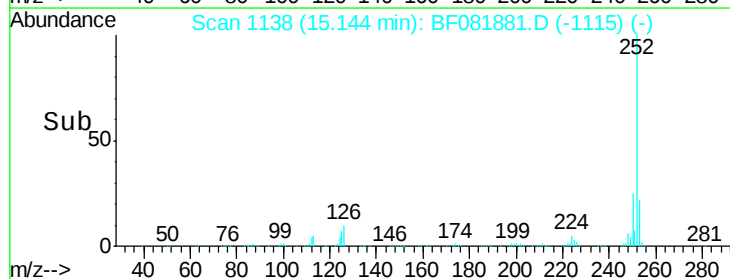
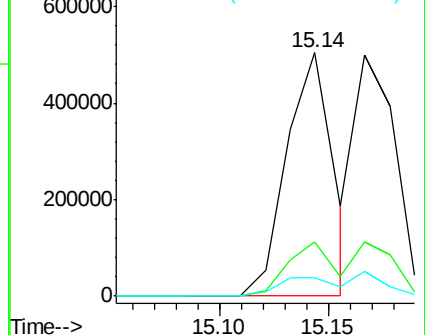
125 7.4 16.0 24.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

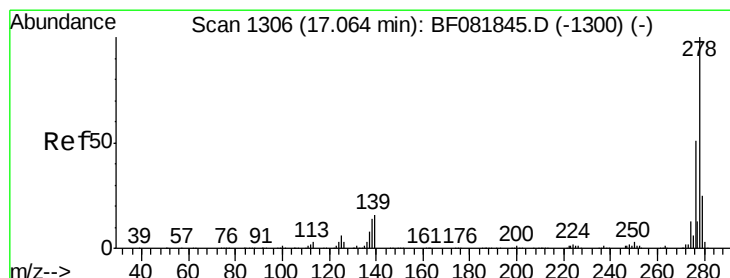
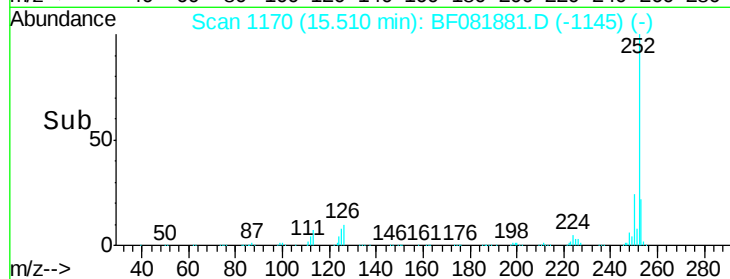
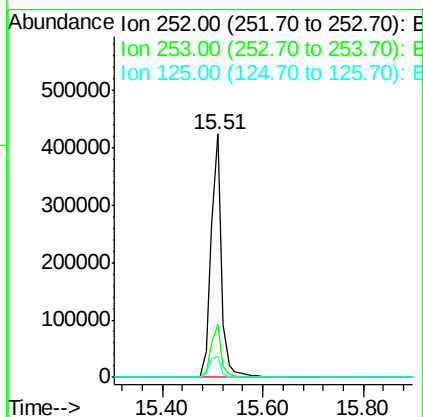
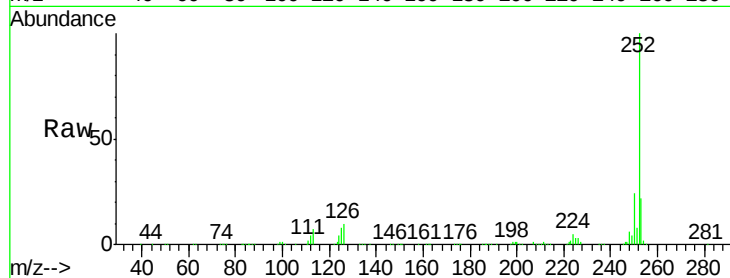




#89
Benzo(a)pyrene
Concen: 41.34 ng
RT: 15.51 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF081881.D
Acq: 29 Sep 2015 15:55

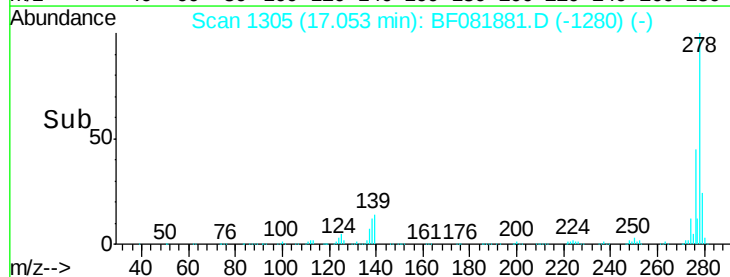
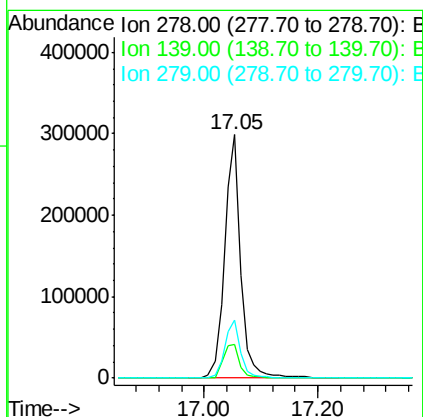
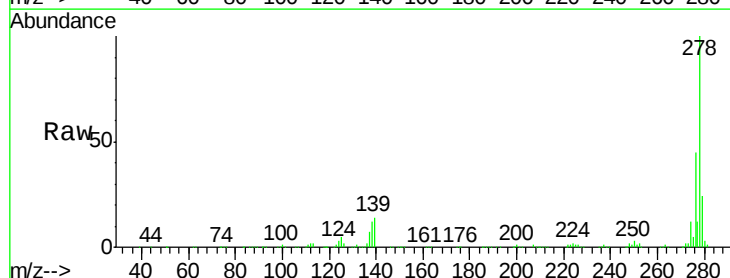
Instrument :
BNA_F
ClientSampled :
PB85717BS

Tgt Ion: 252 Resp: 602748
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 8.4 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 48.33 ng
RT: 17.05 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF081881.D
Acq: 29 Sep 2015 15:55

Tgt Ion: 278 Resp: 591319
Ion Ratio Lower Upper
278 100
139 13.8 26.3 39.5#
279 23.9 18.2 27.4





#91

Benzo(g,h,i)perylene

Concen: 45.18 ng

RT: 17.48 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF081881.D

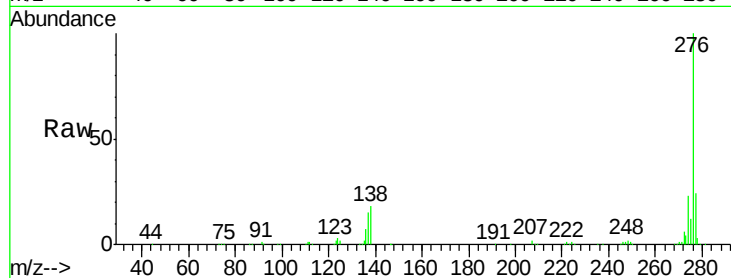
Acq: 29 Sep 2015 15:55

Instrument :

BNA_F

ClientSampleId :

PB85717BS



Tgt Ion:	276	Resp:	566463
Ion Ratio	Lower	Upper	
276	100		
277	24.0	17.8	26.6
138	17.5	34.6	51.8#

