

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
 Data File : BF080232.D
 Acq On : 30 Jun 2015 12:43
 Operator : TP/IZ
 Sample : PB84255BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84255BS

Quant Time: Jul 01 01:13:58 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 00:53:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	31779	20.00	ng	-0.05
21) Naphthalene-d8	8.57	136	123467	20.00	ng	-0.05
38) Acenaphthene-d10	10.34	164	62924	20.00	ng	-0.05
63) Phenanthrene-d10	11.86	188	130264	20.00	ng	-0.05
75) Chrysene-d12	15.01	240	138513	20.00	ng	0.01
86) Perylene-d12	16.99	264	131213	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.90	112	266017	148.18	ng	-0.03
7) Phenol-d6	6.89	99	340961	142.72	ng	-0.03
23) Nitrobenzene-d5	7.84	82	202056	95.27	ng	-0.03
41) 2,4,6-Tribromophenol	11.14	330	84748	137.73	ng	-0.03
44) 2-Fluorobiphenyl	9.66	172	399055	90.44	ng	-0.03
78) Terphenyl-d14	13.65	244	502919	84.80	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.13	88	27884	32.68	ng	87
3) Pyridine	3.97	79	92098	40.58	ng	# 82
4) n-Nitrosodimethylamine	3.88	42	40418	37.48	ng	90
6) Aniline	6.94	93	96276	29.29	ng	91
8) 2-Chlorophenol	7.06	128	86927	41.90	ng	# 80
9) Benzaldehyde	6.84	77	45241	32.80	ng	# 88
10) Phenol	6.90	94	125307	48.06	ng	74
11) bis(2-Chloroethyl)ether	7.01	93	89209	43.13	ng	90
12) 1,3-Dichlorobenzene	7.46	146	93824	37.64	ng	97
13) 1,4-Dichlorobenzene	7.46	146	93835	39.58	ng	97
14) 1,2-Dichlorobenzene	7.46	146	93835	40.68	ng	99
15) Benzyl Alcohol	7.41	79	73753	37.76	ng	# 71
16) 2,2'-oxybis(1-Chloropropan	7.56	45	147349	47.99	ng	86
17) 2-Methylphenol	7.52	107	79459	44.83	ng	# 86
18) Hexachloroethane	7.81	117	34151	43.27	ng	# 87
19) n-Nitroso-di-n-propylamine	7.68	70	69010	41.61	ng	# 78
20) 3+4-Methylphenols	7.67	107	99784	43.62	ng	89
22) Acetophenone	7.68	105	120418	41.85	ng	# 78
24) Nitrobenzene	7.86	77	97993	44.77	ng	# 74
25) Isophorone	8.10	82	167595	39.27	ng	# 96
26) 2-Nitrophenol	8.18	139	47763	52.13	ng	# 70
27) 2,4-Dimethylphenol	8.21	122	90197	47.21	ng	# 82
28) bis(2-Chloroethoxy)methane	8.30	93	100073	39.91	ng	# 91
29) 2,4-Dichlorophenol	8.42	162	84892	51.88	ng	98
30) 1,2,4-Trichlorobenzene	8.52	180	87589	47.14	ng	99
31) Naphthalene	8.60	128	252470	39.11	ng	98
32) Benzoic acid	8.28	122	46581	40.32	ng	# 68
33) 4-Chloroaniline	8.64	127	64600	23.38	ng	# 97
34) Hexachlorobutadiene	8.72	225	50235	43.91	ng	99
35) Caprolactam	8.97	113	22011	41.45	ng	# 68
36) 4-Chloro-3-methylphenol	9.11	107	85633	46.40	ng	86
37) 2-Methylnaphthalene	9.29	142	189985	45.50	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.46	216	87246	47.65	ng	99
40) Hexachlorocyclopentadiene	9.45	237	83237	87.69	ng	97

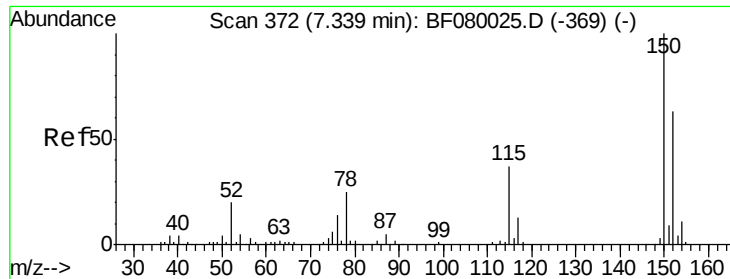
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
 Data File : BF080232.D
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 QLast Update : Tue Jun 23 00:53:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.57	196	57601	46.23	ng	99
43) 2,4,5-Trichlorophenol	9.61	196	56245	39.18	ng #	89
45) 1,1'-Biphenyl	9.76	154	217812	42.54	ng	95
46) 2-Chloronaphthalene	9.78	162	166014	39.97	ng #	92
47) 2-Nitroaniline	9.88	65	50065	43.91	ng	92
48) Acenaphthylene	10.21	152	290940	41.96	ng	97
49) Dimethylphthalate	10.05	163	209945	44.38	ng #	97
50) 2,6-Dinitrotoluene	10.12	165	40885	43.11	ng #	92
51) Acenaphthene	10.38	154	185837	43.81	ng	89
52) 3-Nitroaniline	10.29	138	34540	31.57	ng #	90
53) 2,4-Dinitrophenol	10.39	184	42722	108.44	ng #	1
54) Dibenzofuran	10.55	168	248722	41.33	ng #	87
55) 4-Nitrophenol	10.44	139	75418	86.23	ng #	85
56) 2,4-Dinitrotoluene	10.52	165	57093	47.44	ng #	68
57) Fluorene	10.90	166	205805	43.10	ng	91
58) 2,3,4,6-Tetrachlorophenol	10.68	232	48889	40.34	ng	96
59) Diethylphthalate	10.76	149	200864	42.17	ng	96
60) 4-Chlorophenyl-phenylether	10.88	204	92978	40.51	ng #	79
61) 4-Nitroaniline	10.89	138	43573	38.56	ng #	41
62) Azobenzene	11.04	77	188186	38.81	ng #	83
64) 4,6-Dinitro-2-methylphenol	10.94	198	26424	42.23	ng #	60
65) n-Nitrosodiphenylamine	11.00	169	166643	39.29	ng	93
66) 4-Bromophenyl-phenylether	11.38	248	57748	41.69	ng	94
67) Hexachlorobenzene	11.46	284	60864	39.54	ng #	82
68) Atrazine	11.53	200	52629	39.27	ng	82
69) Pentachlorophenol	11.66	266	66803	76.58	ng	100
70) Phenanthrene	11.90	178	307816	39.03	ng	98
71) Anthracene	11.94	178	316059	41.62	ng	99
72) Carbazole	12.10	167	289675	39.96	ng	97
73) Di-n-butylphthalate	12.45	149	338008	40.35	ng #	99
74) Fluoranthene	13.21	202	338895	40.35	ng	88
76) Benzidine	13.34	184	182047	47.02	ng	97
77) Pyrene	13.48	202	349825	41.02	ng	97
79) Butylbenzylphthalate	14.23	149	138453	40.43	ng #	86
80) Benzo(a)anthracene	15.00	228	331066	39.23	ng	97
81) 3,3'-Dichlorobenzidine	14.94	252	71191	24.46	ng #	94
82) Chrysene	15.04	228	310933	39.96	ng	95
83) Bis(2-ethylhexyl)phthalate	14.99	149	207687	38.37	ng #	93
84) Di-n-octyl phthalate	15.87	149	357092	38.50	ng	95
85) Indeno(1,2,3-cd)pyrene	18.83	276	360027	36.69	ng #	89
87) Benzo(b)fluoranthene	16.44	252	320425	40.33	ng #	89
88) Benzo(k)fluoranthene	16.48	252	316950	39.18	ng #	86
89) Benzo(a)pyrene	16.91	252	315364	41.80	ng #	85
90) Dibenzo(a,h)anthracene	18.86	278	302287	39.15	ng #	80
91) Benzo(g,h,i)perylene	19.39	276	303733	38.96	ng #	76

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.28 min Scan# 367

Delta R.T. -0.05 min

Lab File: BF080232.D

Acq: 30 Jun 2015 12:43

Instrument :

BNA_F

ClientSampled :

PB84255BS

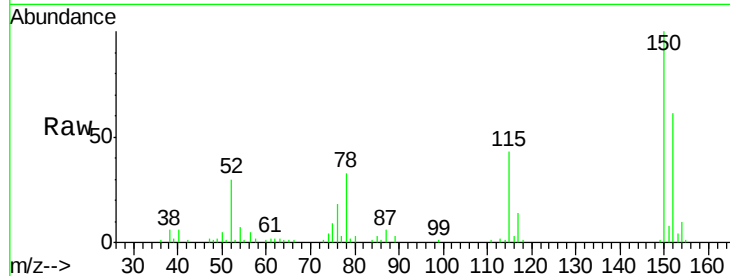
Tgt Ion:152 Resp: 31779

Ion Ratio Lower Upper

152 100

150 163.6 124.7 187.1

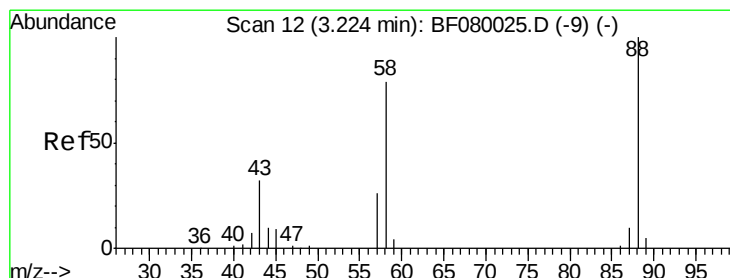
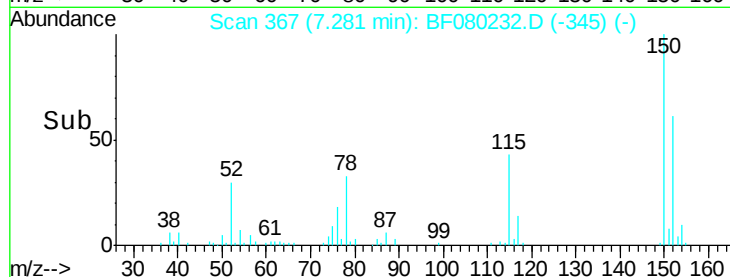
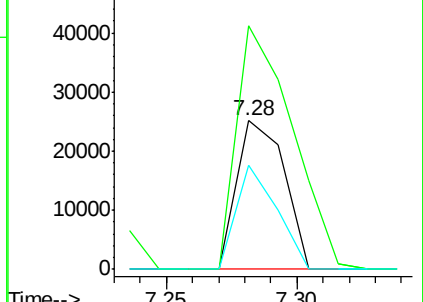
115 69.7 39.0 58.4#



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: 32.68 ng

RT: 3.13 min Scan# 4

Delta R.T. -0.06 min

Lab File: BF080232.D

Acq: 30 Jun 2015 12:43

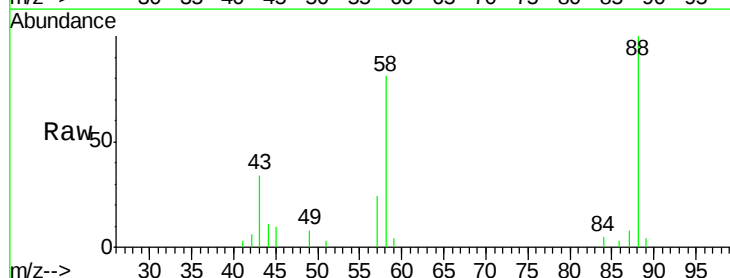
Tgt Ion: 88 Resp: 27884

Ion Ratio Lower Upper

88 100

58 83.6 77.7 116.5

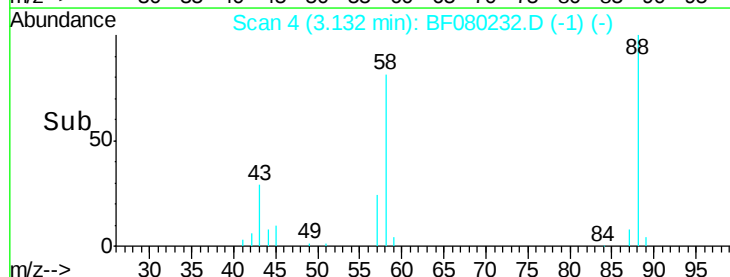
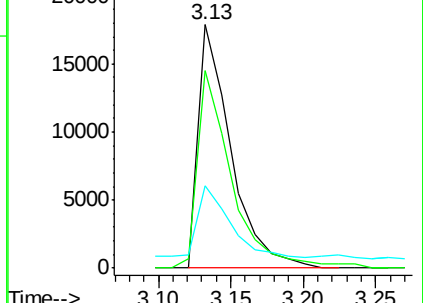
43 27.4 26.6 40.0

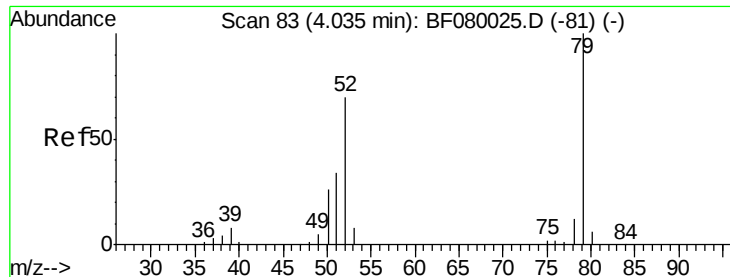


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

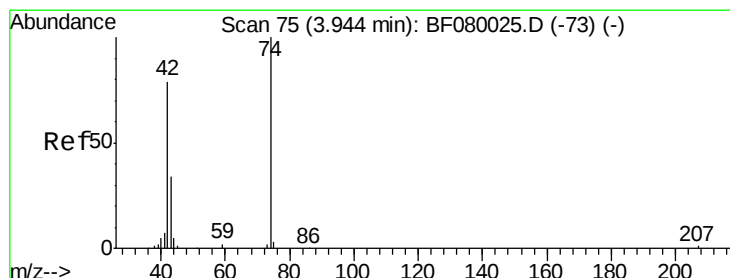
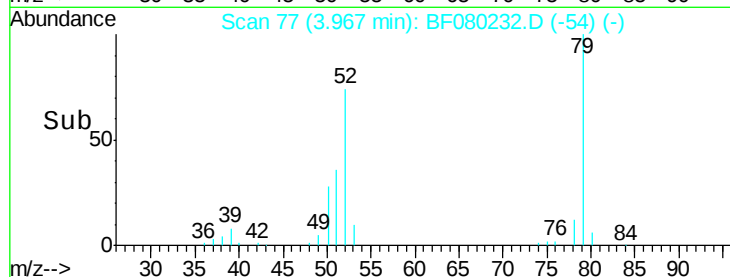
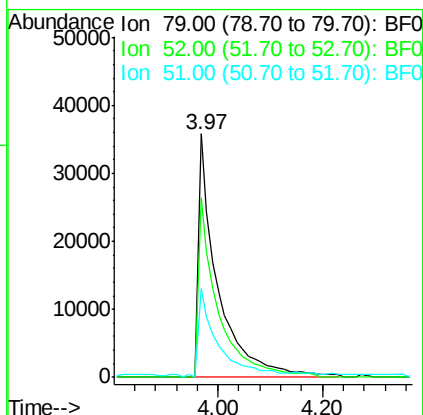
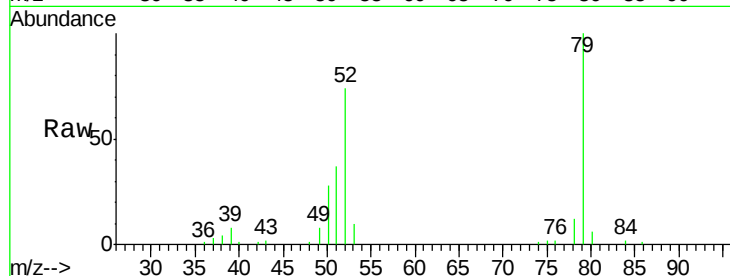




#3
 Pyridine
 Concen: 40.58 ng
 RT: 3.97 min Scan# 77
 Delta R.T. -0.03 min
 Lab File: BF080232.D
 Acq: 30 Jun 2015 12:43

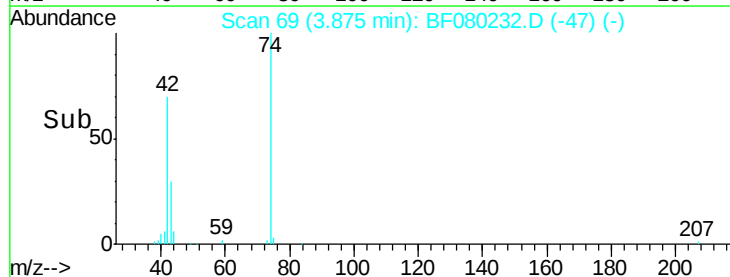
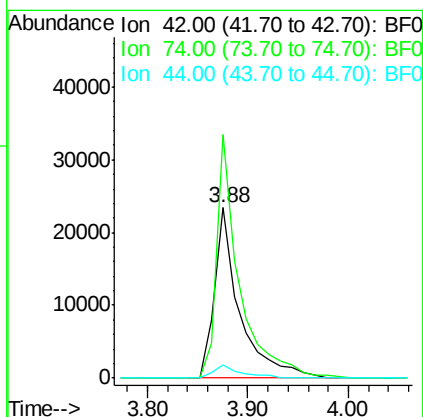
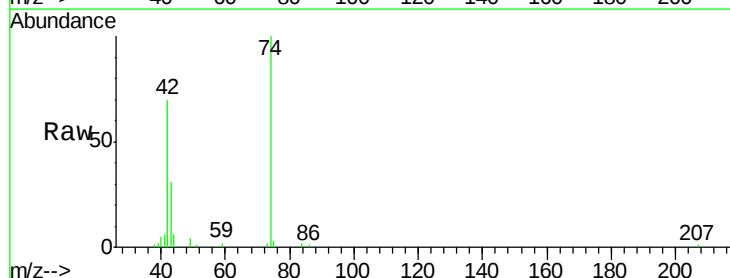
Instrument :
 BNA_F
 ClientSampleId :
 PB84255BS

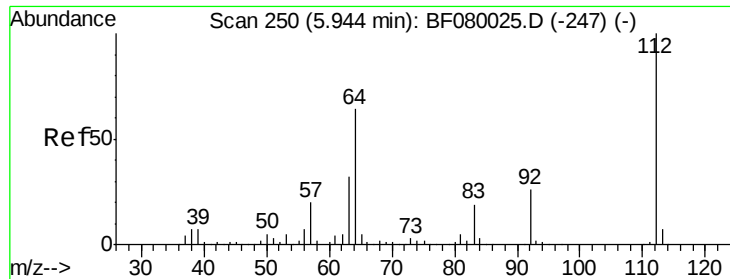
Tgt Ion: 79 Resp: 92098
 Ion Ratio Lower Upper
 79 100
 52 73.5 76.8 115.2#
 51 36.6 32.2 48.4



#4
 n-Nitrosodimethylamine
 Concen: 37.48 ng
 RT: 3.88 min Scan# 69
 Delta R.T. -0.05 min
 Lab File: BF080232.D
 Acq: 30 Jun 2015 12:43

Tgt Ion: 42 Resp: 40418
 Ion Ratio Lower Upper
 42 100
 74 143.2 105.0 157.6
 44 8.1 6.6 10.0





#5

2-Fluorophenol

Concen: 148.18 ng

RT: 5.90 min Scan# 246

Delta R.T. -0.03 min

Lab File: BF080232.D

Acq: 30 Jun 2015 12:43

Instrument :

BNA_F

ClientSampleId :

PB84255BS

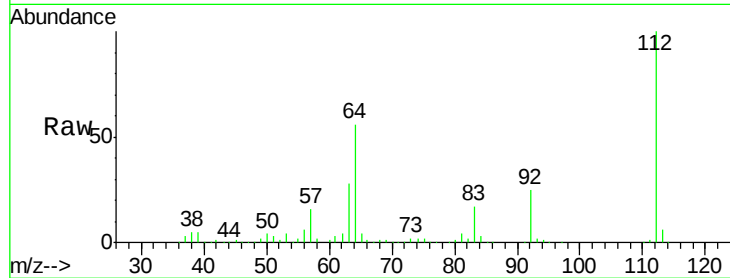
Tgt Ion: 112 Resp: 266017

Ion Ratio Lower Upper

112 100

64 55.9 39.7 59.5

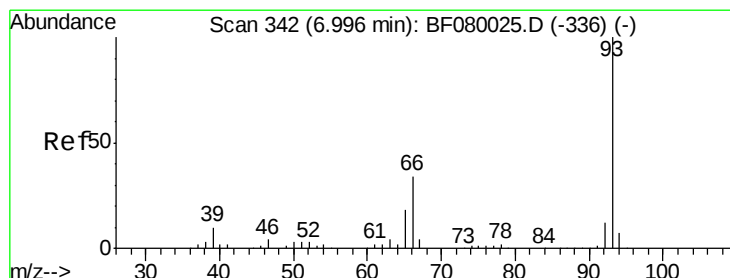
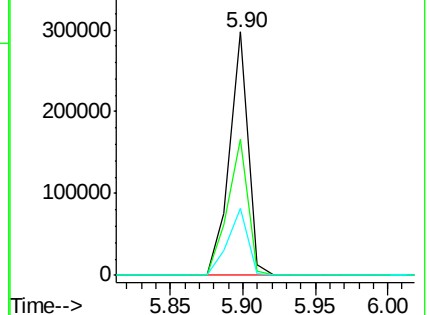
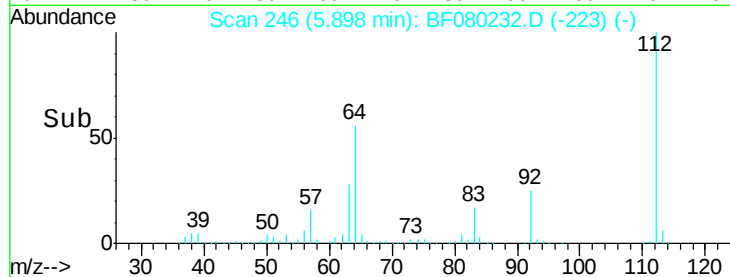
63 27.7 17.4 26.0#



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: 29.29 ng

RT: 6.94 min Scan# 337

Delta R.T. -0.03 min

Lab File: BF080232.D

Acq: 30 Jun 2015 12:43

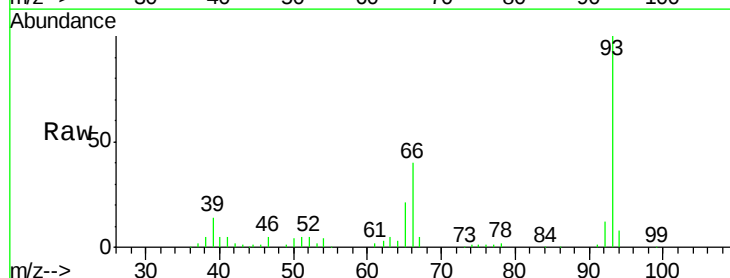
Tgt Ion: 93 Resp: 96276

Ion Ratio Lower Upper

93 100

66 40.1 27.2 40.8

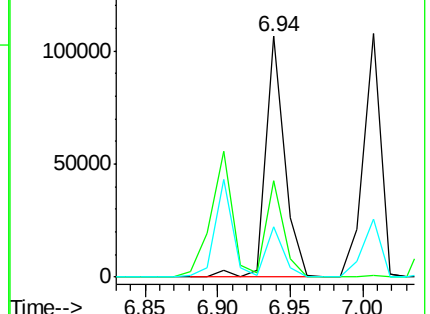
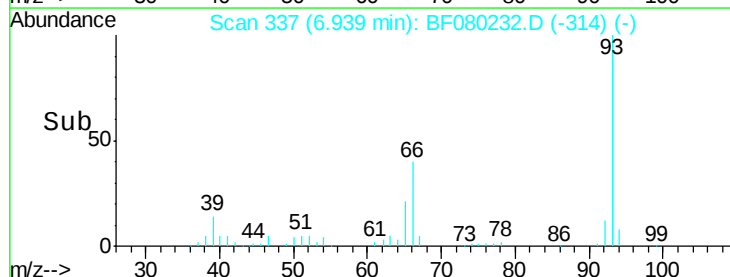
65 20.7 14.7 22.1

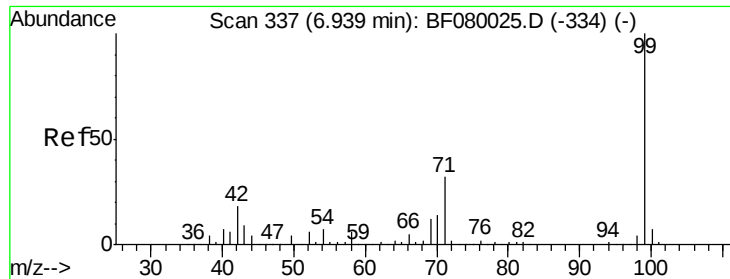


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 142.72 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.03 min

Lab File: BF080232.D

Acq: 30 Jun 2015 12:43

Instrument :

BNA_F

ClientSampleId :

PB84255BS

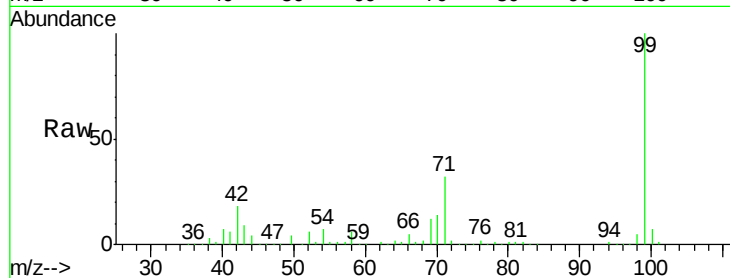
Tgt Ion: 99 Resp: 340961

Ion Ratio Lower Upper

99 100

42 18.3 13.7 20.5

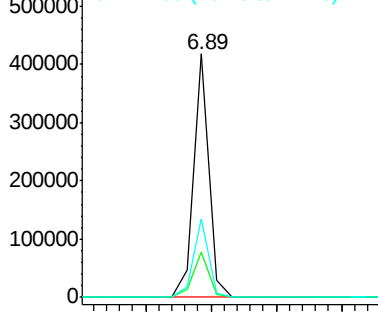
71 32.1 14.2 21.2#



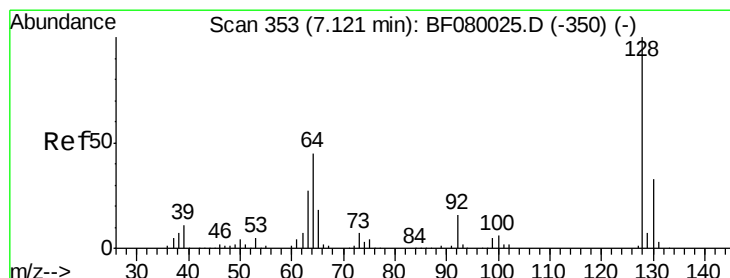
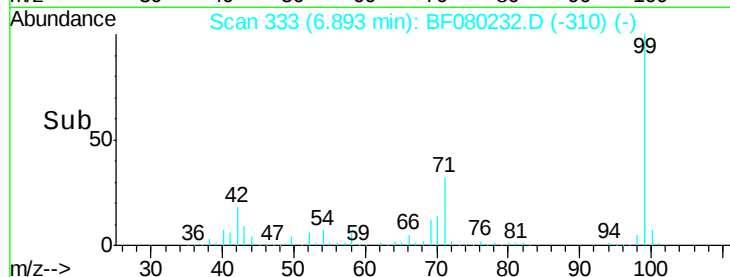
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#8

2-Chlorophenol

Concen: 41.90 ng

RT: 7.06 min Scan# 348

Delta R.T. -0.05 min

Lab File: BF080232.D

Acq: 30 Jun 2015 12:43

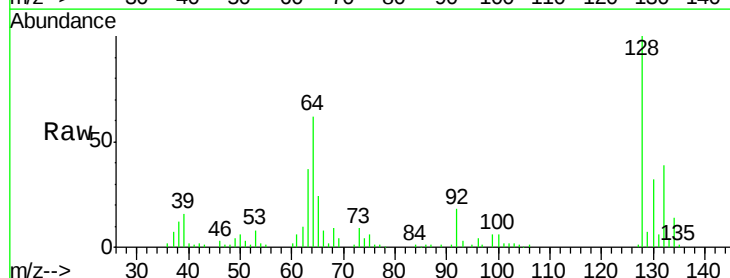
Tgt Ion: 128 Resp: 86927

Ion Ratio Lower Upper

128 100

130 31.7 12.2 52.2

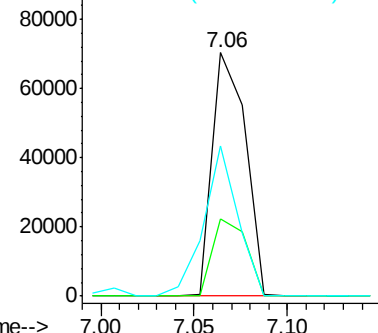
64 61.9 20.5 60.5#



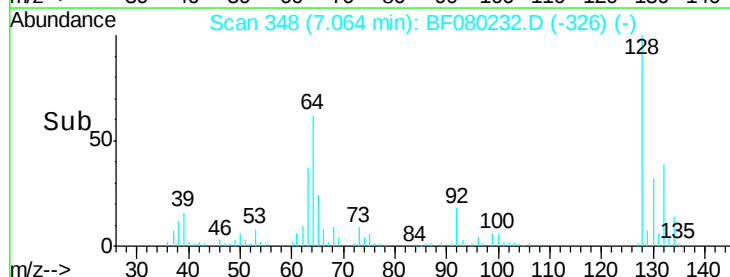
Abundance Ion 128.00 (127.70 to 128.70): E

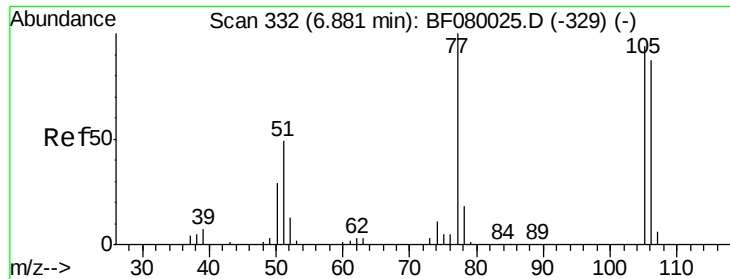
Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



Time-->





#9

Benzaldehyde

Concen: 32.80 ng

RT: 6.84 min Scan# 328

Delta R.T. -0.03 min

Lab File: BF080232.D

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Instrument :

BNA_F

ClientSampleId :

PB84255BS

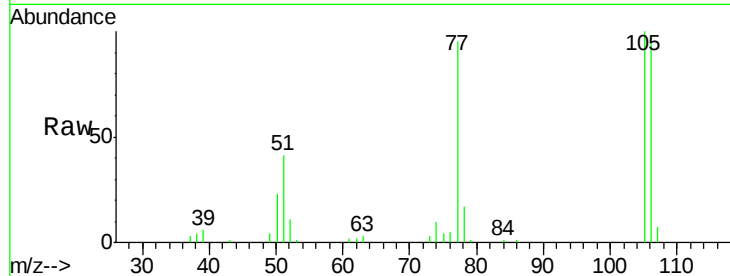
Tgt Ion: 77 Resp: 45241

Ion Ratio Lower Upper

77 100

105 105.8 91.6 131.6

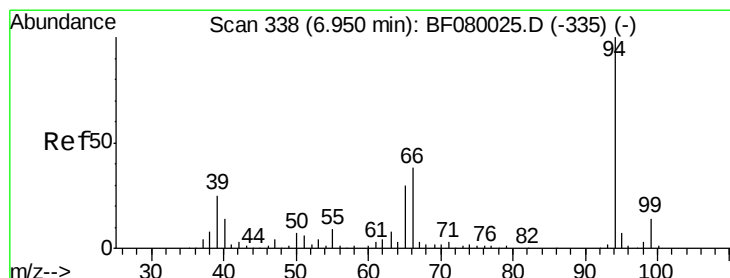
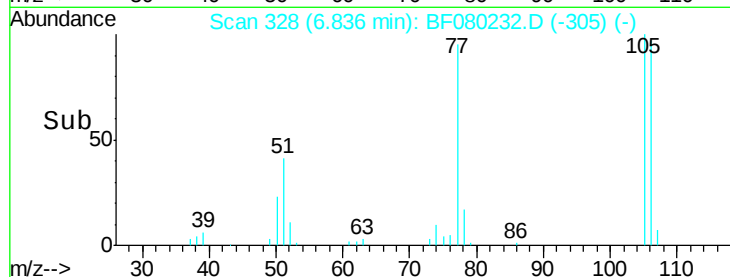
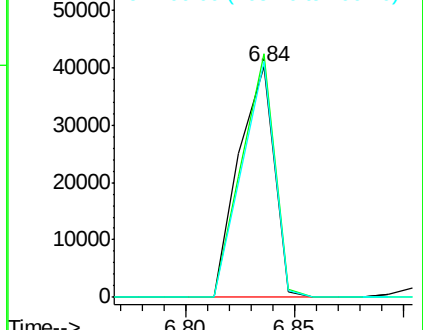
106 102.4 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 48.06 ng

RT: 6.90 min Scan# 334

Delta R.T. -0.03 min

Lab File: BF080232.D

Acq: 30 Jun 2015 12:43

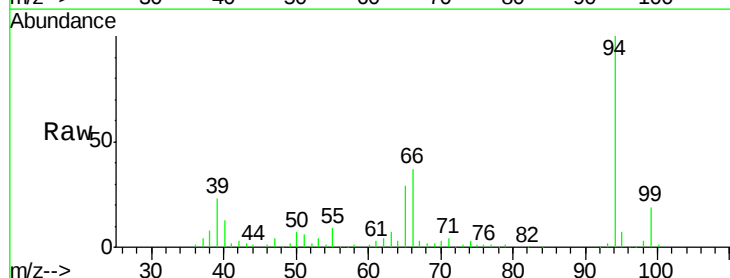
Tgt Ion: 94 Resp: 125307

Ion Ratio Lower Upper

94 100

65 28.8 0.7 40.7

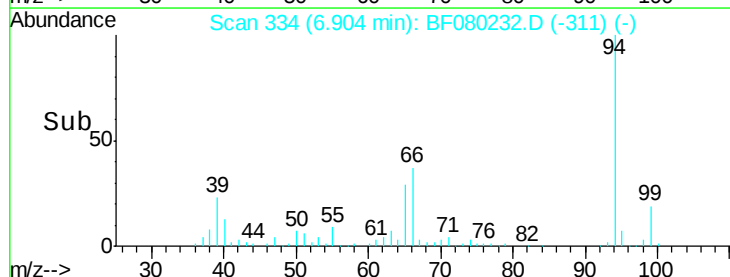
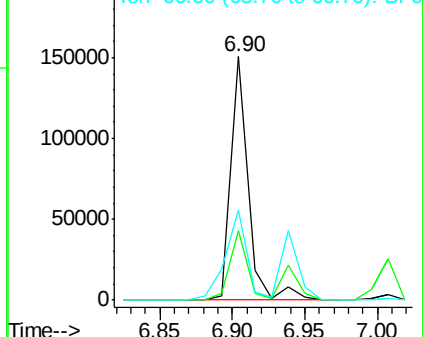
66 36.8 0.8 40.8

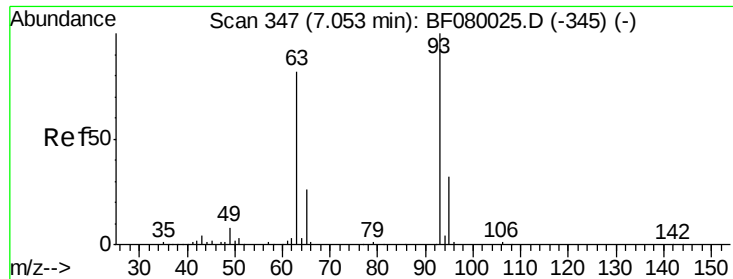


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

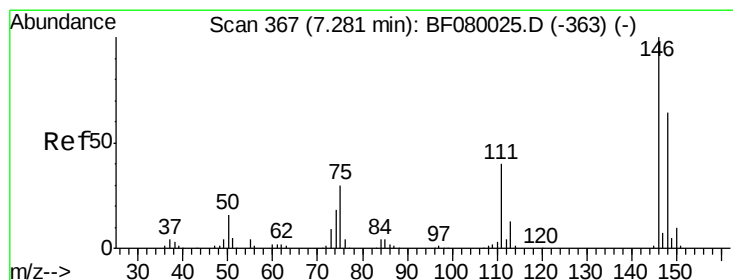
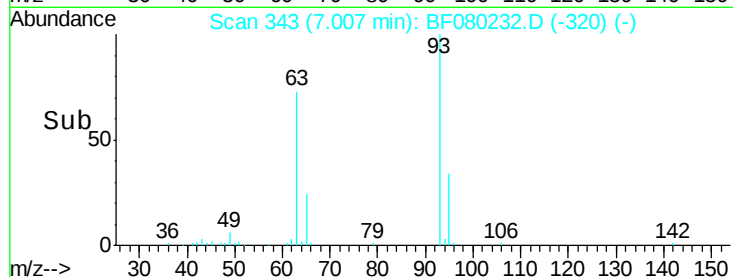
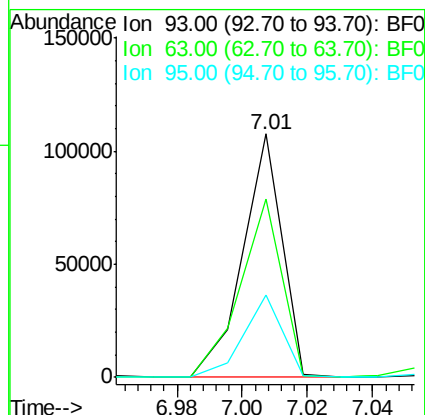
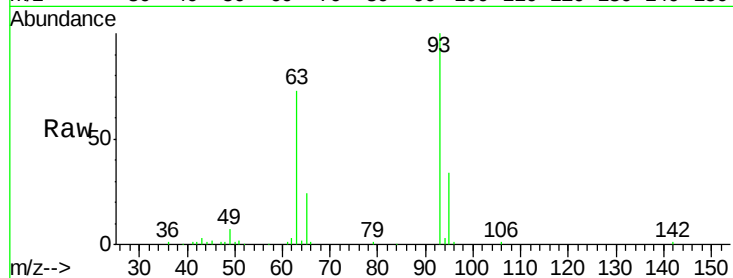




#11
bis(2-Chloroethyl)ether
Concen: 43.13 ng
RT: 7.01 min Scan# 343
Delta R.T. -0.03 min
Lab File: BF080232.D
Acq: 30 Jun 2015 12:43

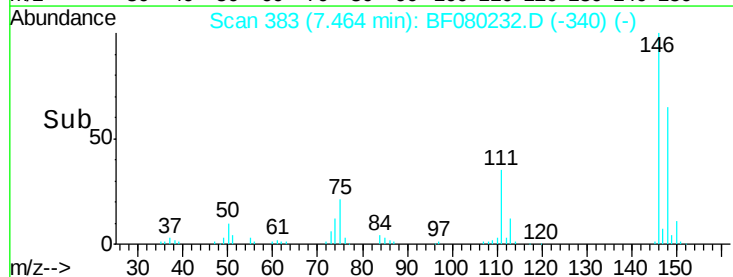
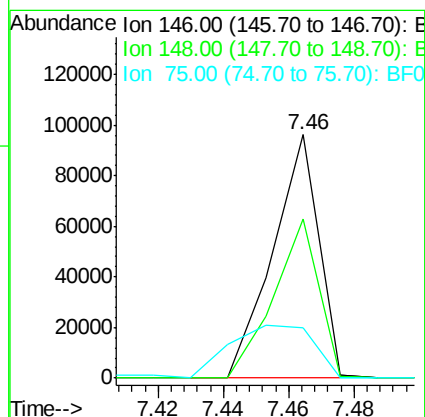
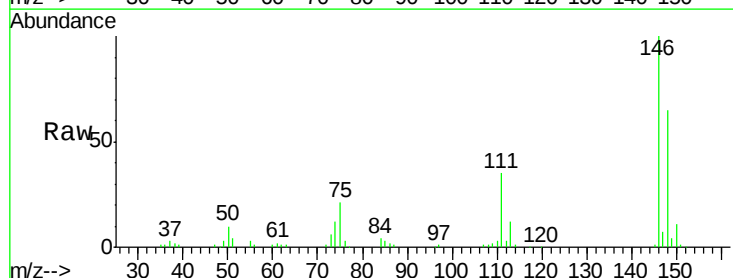
Instrument :
BNA_F
ClientSampleId :
PB84255BS

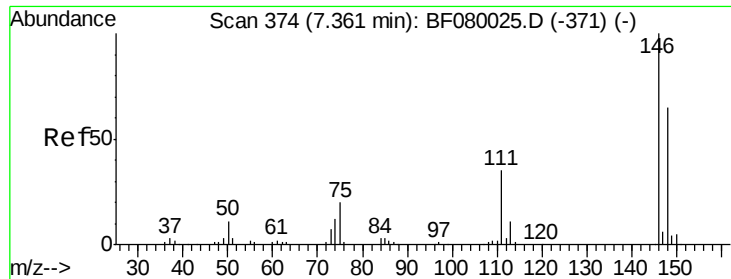
Tgt Ion: 93 Resp: 89209
Ion Ratio Lower Upper
93 100
63 73.3 65.6 105.6
95 33.6 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 37.64 ng
RT: 7.46 min Scan# 383
Delta R.T. 0.19 min
Lab File: BF080232.D
Acq: 30 Jun 2015 12:43

Tgt Ion: 146 Resp: 93824
Ion Ratio Lower Upper
146 100
148 65.4 51.0 76.4
75 20.8 15.0 22.6

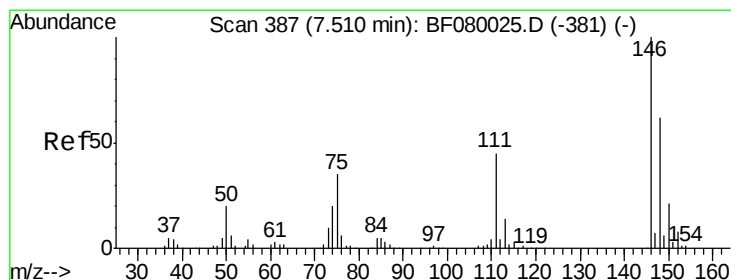
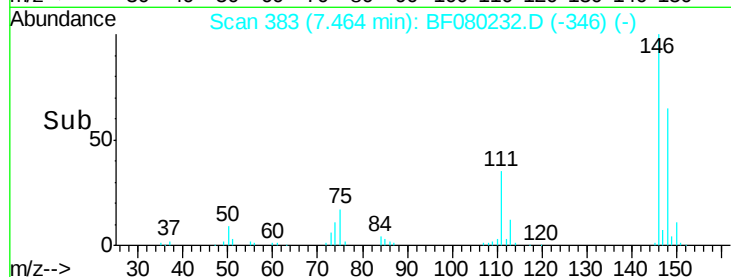
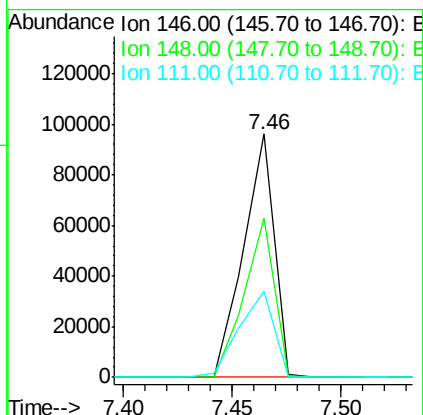
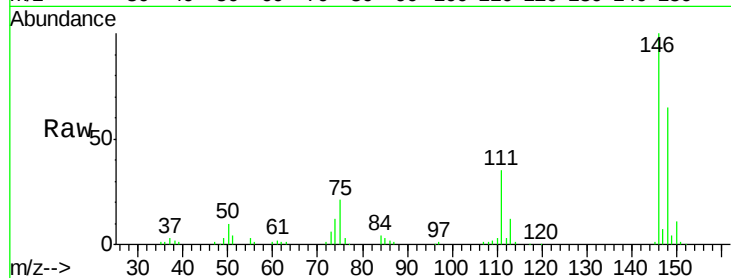




#13
 1,4-Dichlorobenzene
 Concen: 39.58 ng
 RT: 7.46 min Scan# 383
 Delta R.T. 0.13 min
 Lab File: BF080232.D
 Acq: 30 Jun 2015 12:43

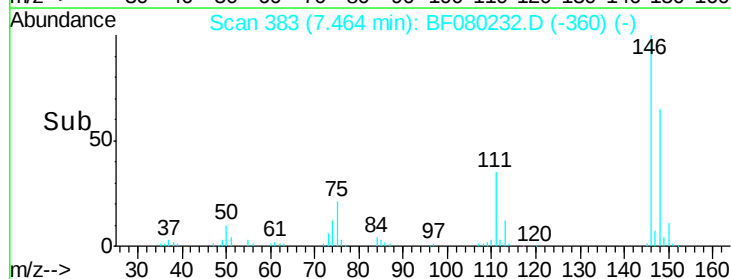
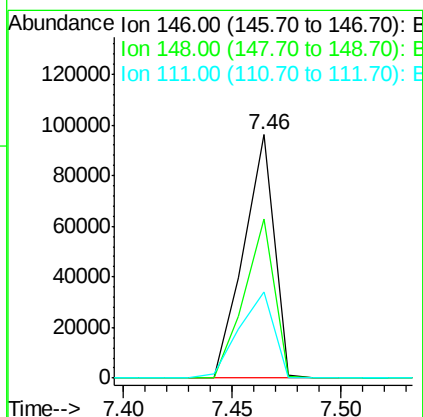
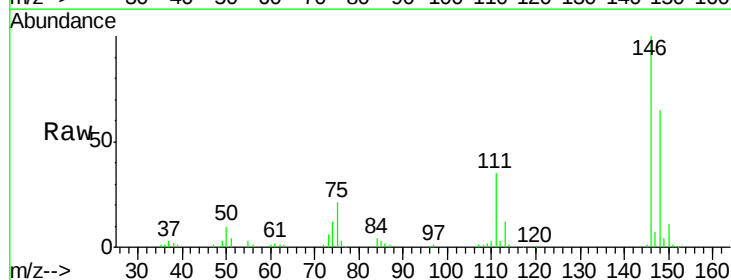
Instrument :
 BNA_F
 ClientSampleId :
 PB84255BS

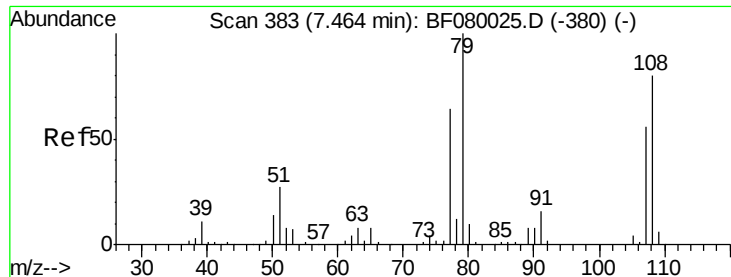
Tgt Ion:146 Resp: 93835
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.8 77.6
 111 35.1 24.9 37.3



#14
 1,2-Dichlorobenzene
 Concen: 40.68 ng
 RT: 7.46 min Scan# 383
 Delta R.T. -0.03 min
 Lab File: BF080232.D
 Acq: 30 Jun 2015 12:43

Tgt Ion:146 Resp: 93835
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.7 79.1
 111 35.1 28.8 43.2





#15

Benzyl Alcohol

Concen: 37.76 ng

RT: 7.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF080232.D

Acq: 30 Jun 2015 12:43

Instrument :

BNA_F

ClientSampleId :

PB84255BS

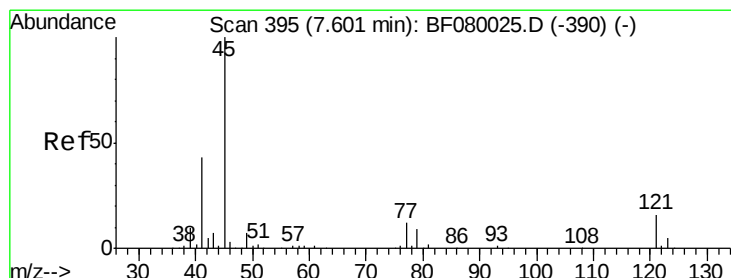
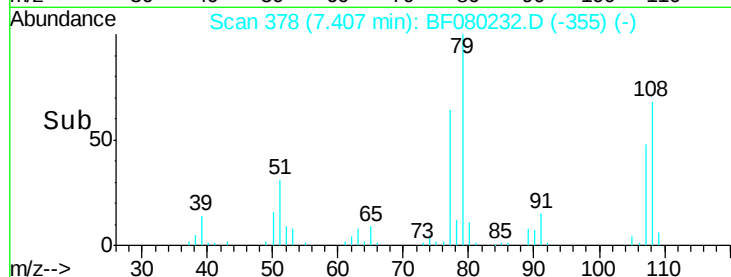
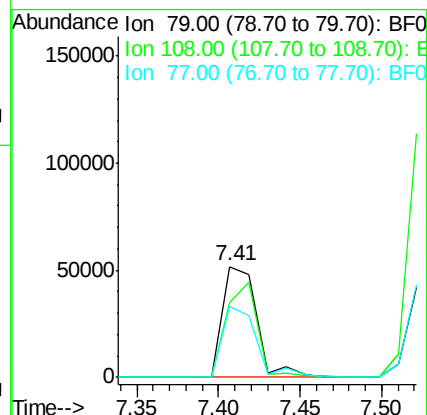
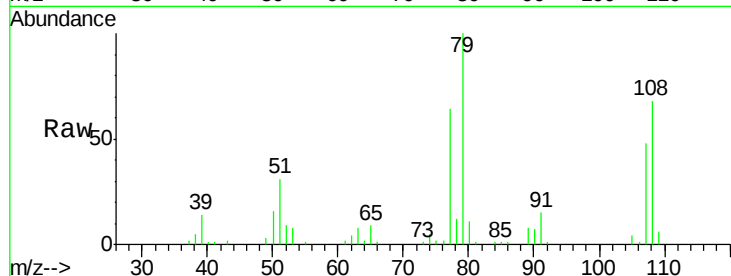
Tgt Ion: 79 Resp: 73753

Ion Ratio Lower Upper

79 100

108 68.0 88.6 132.8#

77 63.8 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.99 ng

RT: 7.56 min Scan# 391

Delta R.T. -0.03 min

Lab File: BF080232.D

Acq: 30 Jun 2015 12:43

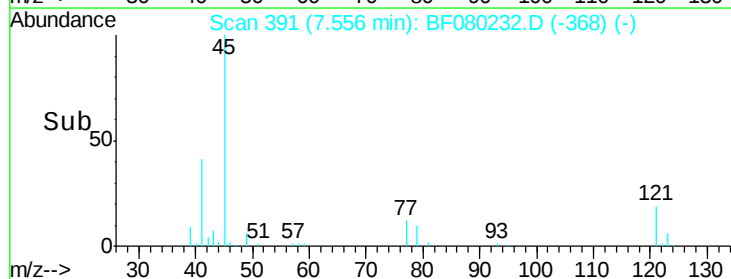
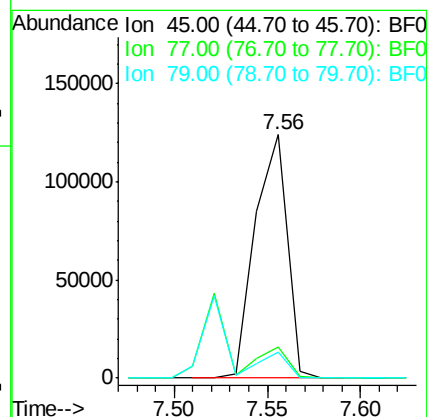
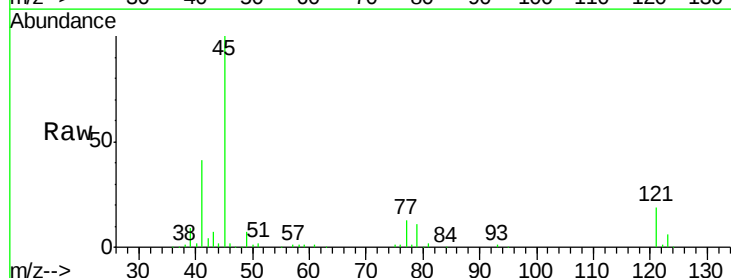
Tgt Ion: 45 Resp: 147349

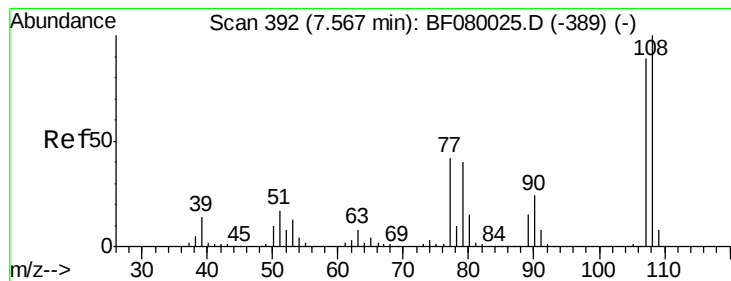
Ion Ratio Lower Upper

45 100

77 13.0 0.0 28.1

79 10.6 0.0 26.0





#17

2-Methylphenol

Concen: 44.83 ng

RT: 7.52 min Scan# 388

Delta R.T. -0.03 min

Lab File: BF080232.D

Acq: 30 Jun 2015 12:43

Instrument :

BNA_F

ClientSampleId :

PB84255BS

Tgt Ion:107 Resp: 79459

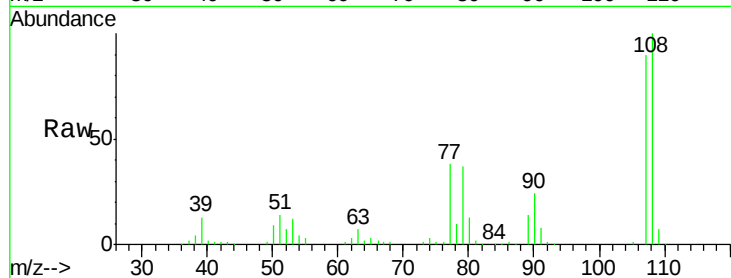
Ion Ratio Lower Upper

107 100

108 111.4 96.6 145.0

77 42.3 23.3 34.9#

79 41.1 22.0 33.0#



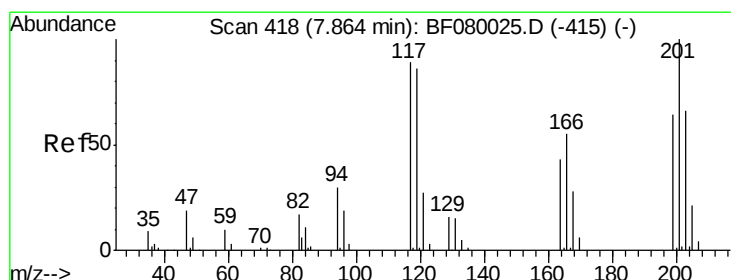
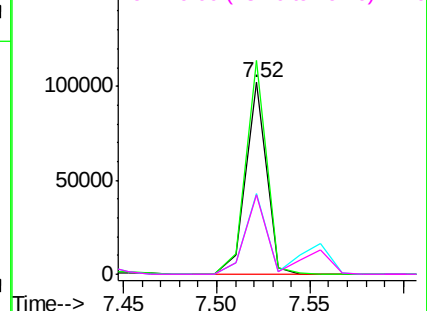
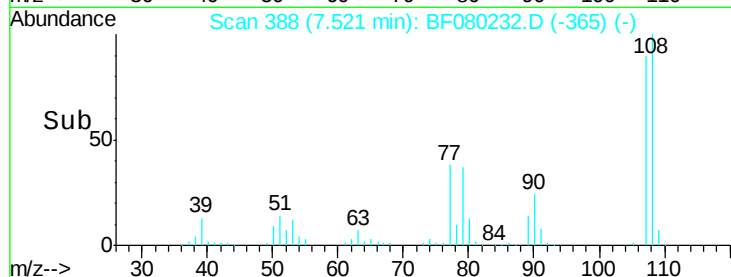
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 43.27 ng

RT: 7.81 min Scan# 413

Delta R.T. -0.03 min

Lab File: BF080232.D

Acq: 30 Jun 2015 12:43

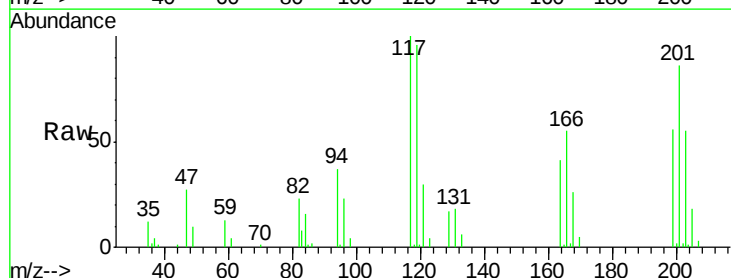
Tgt Ion:117 Resp: 34151

Ion Ratio Lower Upper

117 100

119 96.0 83.8 125.6

201 85.7 55.1 82.7#

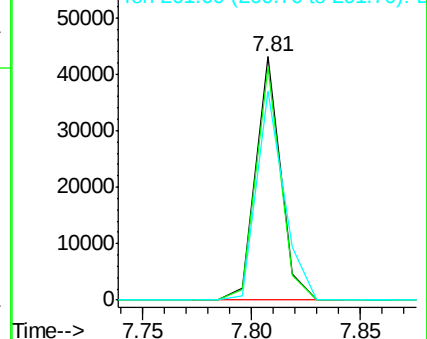
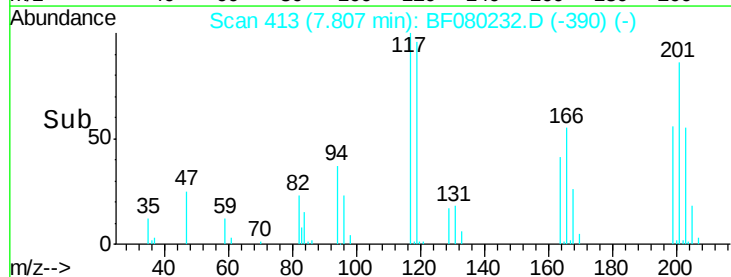


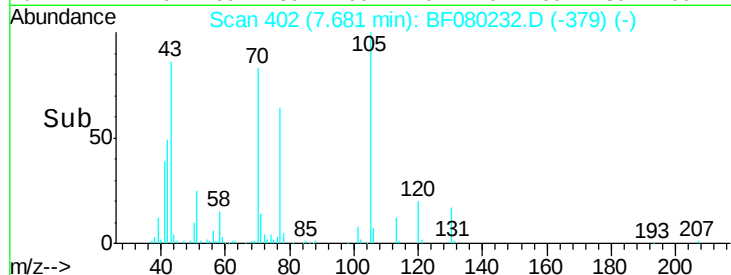
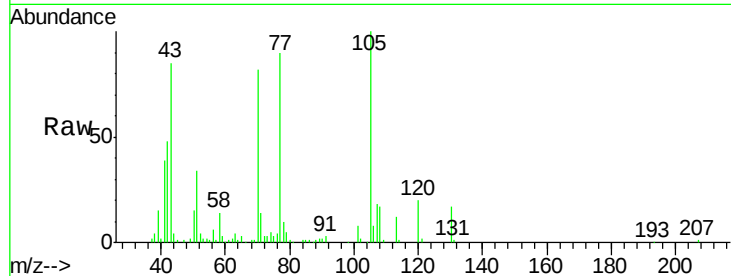
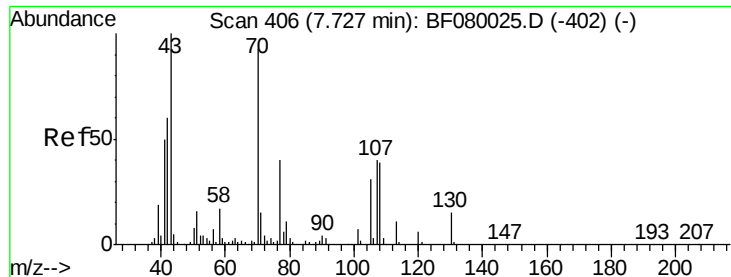
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

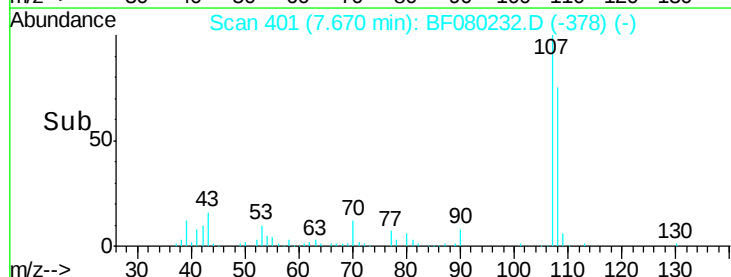
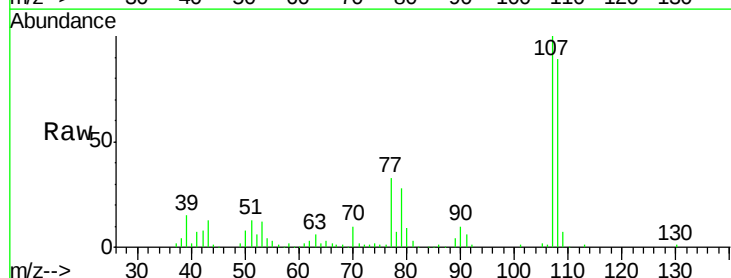
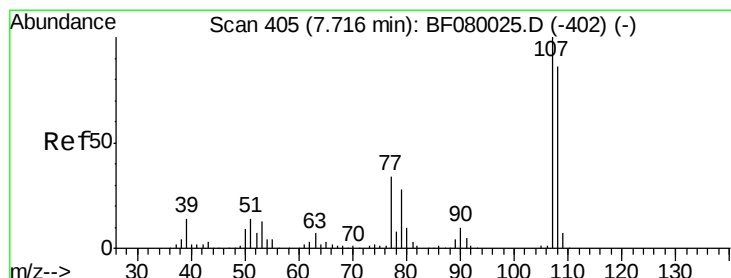
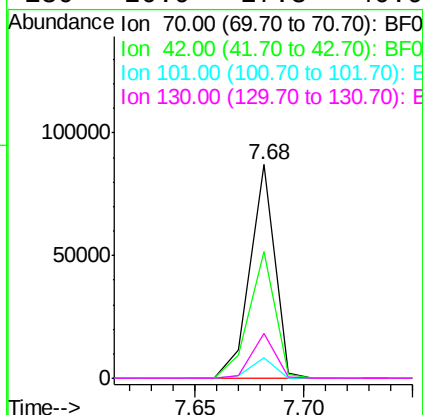




#19
n-Nitroso-di-n-propylamine
Concen: 41.61 ng
RT: 7.68 min Scan# 402
Delta R.T. -0.03 min
Lab File: BF080232.D
Acq: 30 Jun 2015 12:43

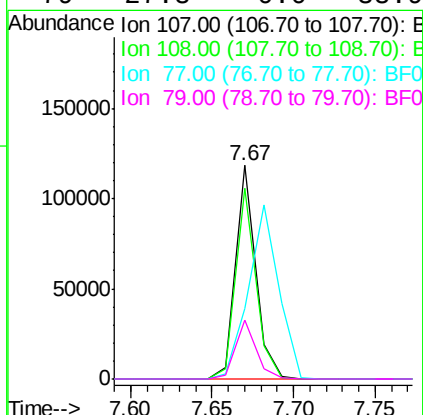
Instrument :
BNA_F
ClientSampleId :
PB84255BS

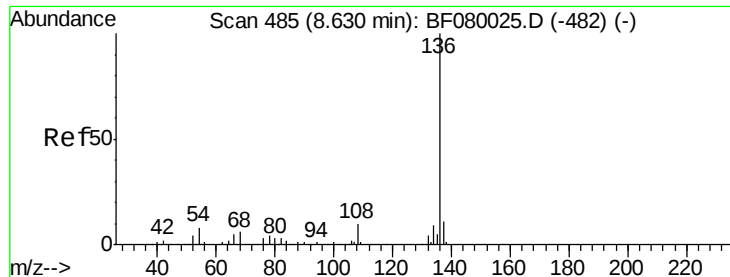
Tgt Ion: 70 Resp: 69010
Ion Ratio Lower Upper
70 100
42 59.2 63.8 95.6#
101 9.4 9.2 13.8
130 20.9 27.3 40.9#



#20
3+4-Methylphenols
Concen: 43.62 ng
RT: 7.67 min Scan# 401
Delta R.T. -0.03 min
Lab File: BF080232.D
Acq: 30 Jun 2015 12:43

Tgt Ion: 107 Resp: 99784
Ion Ratio Lower Upper
107 100
108 89.2 74.6 114.6
77 33.3 0.7 40.7
79 27.8 0.0 38.9

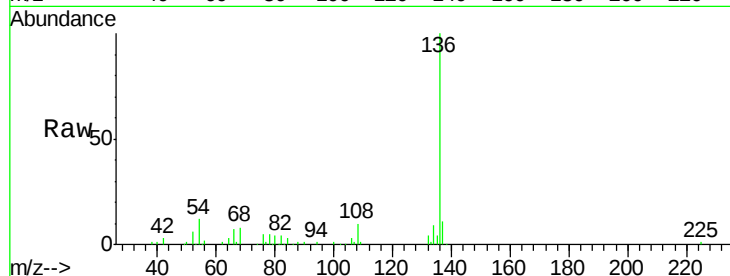




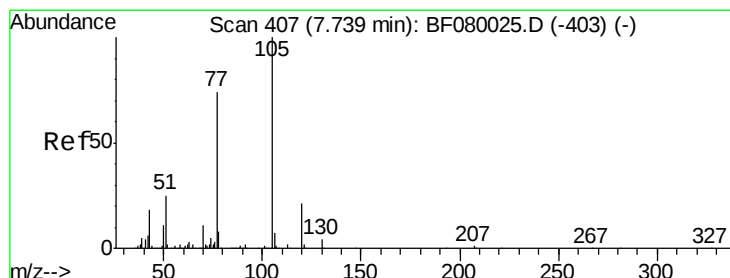
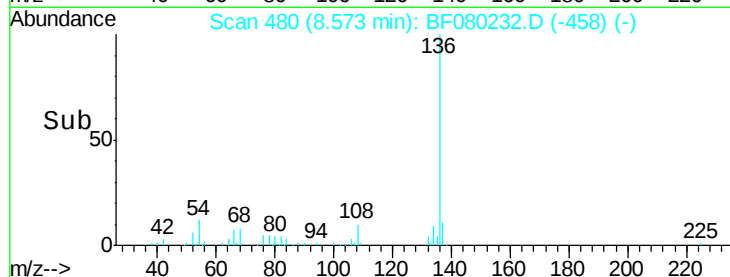
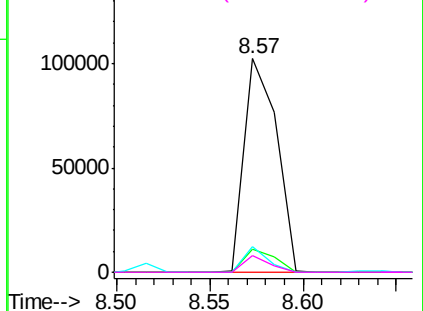
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.57 min Scan# 480
Delta R.T. -0.05 min
Lab File: BF080232.D
Acq: 30 Jun 2015 12:43

Instrument :
BNA_F
ClientSampleId :
PB84255BS

Tgt Ion:	136	Resp:	123467
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	11.8	8.2	12.2
68	8.0	5.8	8.6

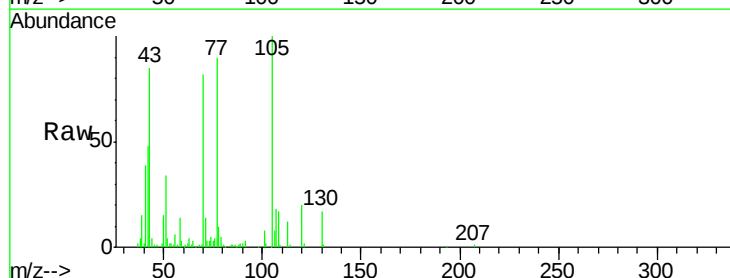


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

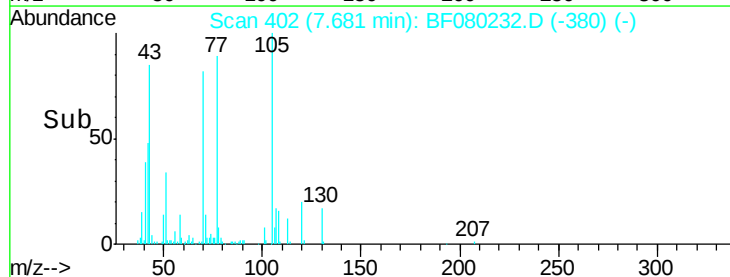
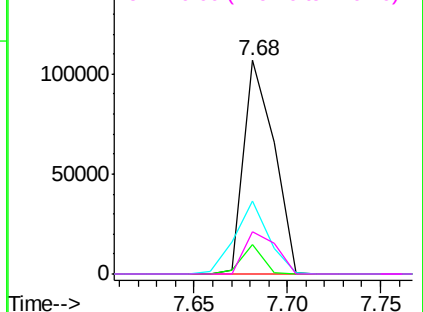


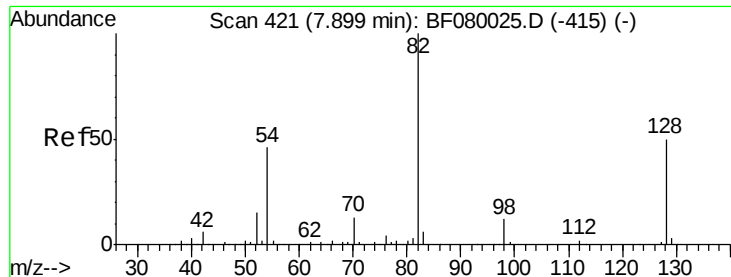
#22
Acetophenone
Concen: 41.85 ng
RT: 7.68 min Scan# 402
Delta R.T. -0.05 min
Lab File: BF080232.D
Acq: 30 Jun 2015 12:43

Tgt Ion:	105	Resp:	120418
Ion	Ratio	Lower	Upper
105	100		
71	13.6	4.7	7.1#
51	34.2	22.0	33.0#
120	20.0	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

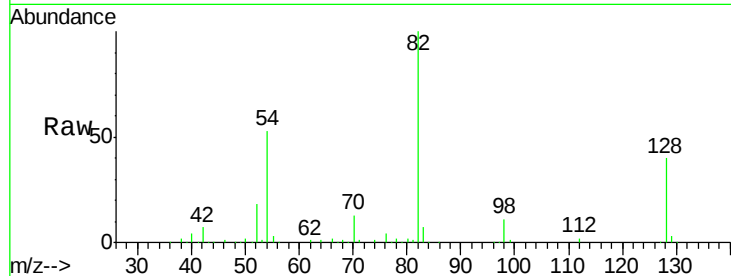




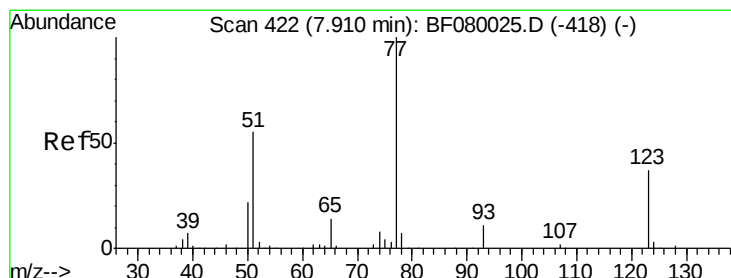
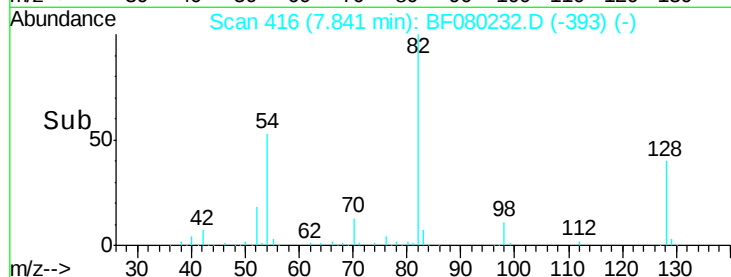
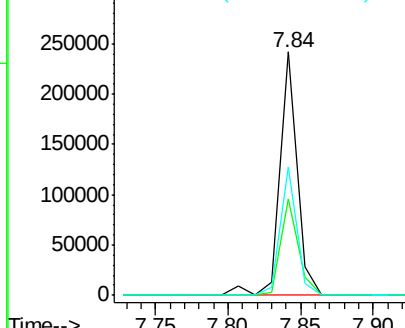
#23
Nitrobenzene-d5
Concen: 95.27 ng
RT: 7.84 min Scan# 416
Delta R.T. -0.03 min
Lab File: BF080232.D
Acq: 30 Jun 2015 12:43

Instrument :
BNA_F
ClientSampleId :
PB84255BS

Tgt Ion: 82 Resp: 202056
Ion Ratio Lower Upper
82 100
128 39.7 51.0 76.6#
54 52.8 47.5 71.3

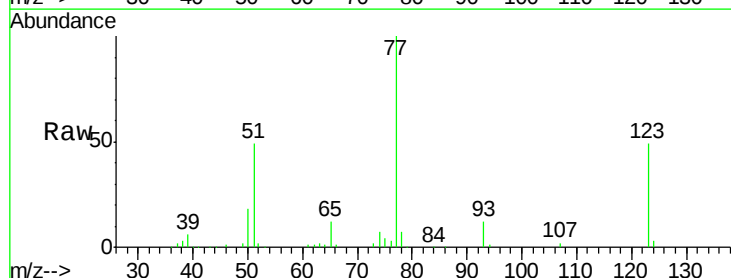


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

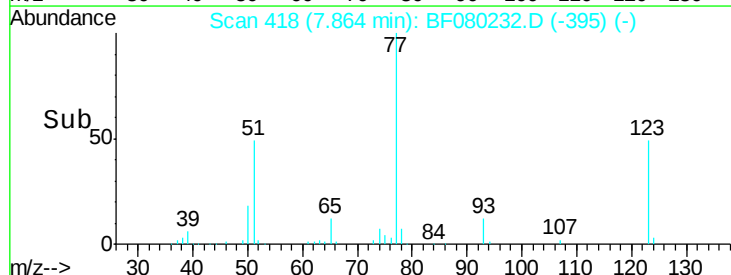
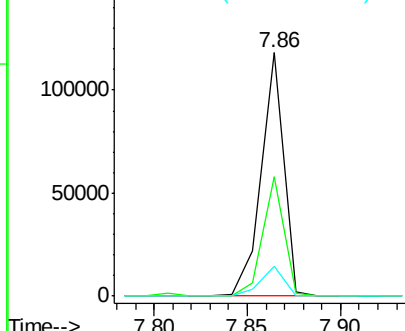


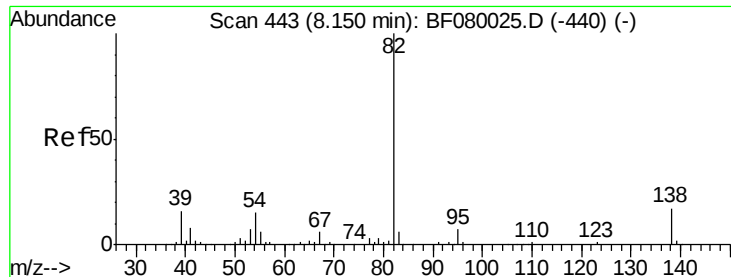
#24
Nitrobenzene
Concen: 44.77 ng
RT: 7.86 min Scan# 418
Delta R.T. -0.03 min
Lab File: BF080232.D
Acq: 30 Jun 2015 12:43

Tgt Ion: 77 Resp: 97993
Ion Ratio Lower Upper
77 100
123 49.2 59.8 89.8#
65 12.5 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: 39.27 ng

RT: 8.10 min Scan# 439

Delta R.T. -0.03 min

Lab File: BF080232.D

Acq: 30 Jun 2015 12:43

Instrument :

BNA_F

ClientSampleId :

PB84255BS

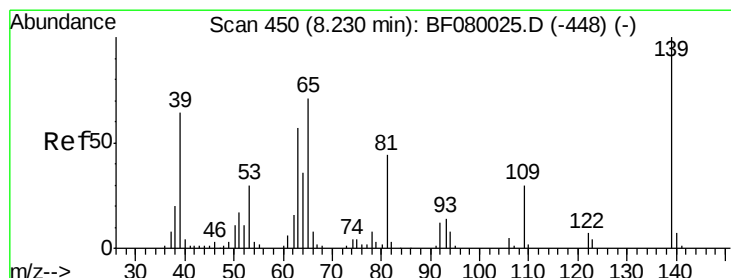
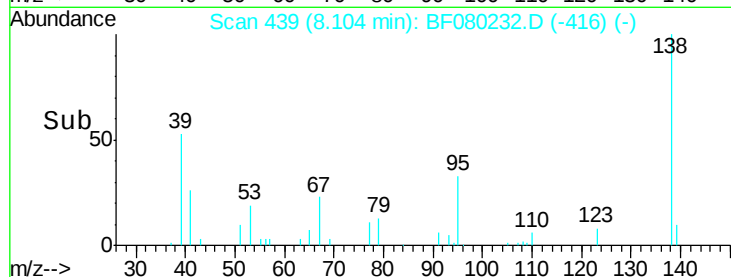
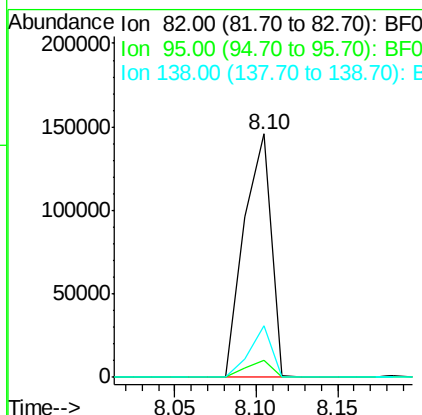
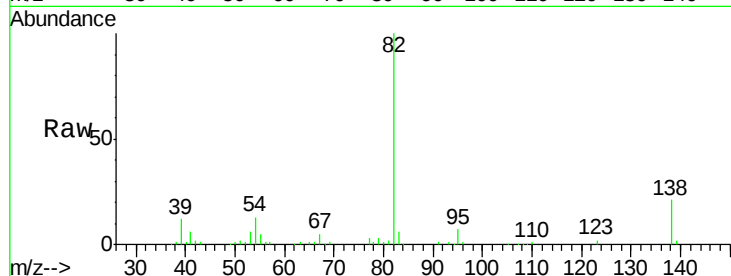
Tgt Ion: 82 Resp: 167595

Ion Ratio Lower Upper

82 100

95 7.0 4.0 6.0#

138 21.4 18.3 27.5



#26

2-Nitrophenol

Concen: 52.13 ng

RT: 8.18 min Scan# 446

Delta R.T. -0.03 min

Lab File: BF080232.D

Acq: 30 Jun 2015 12:43

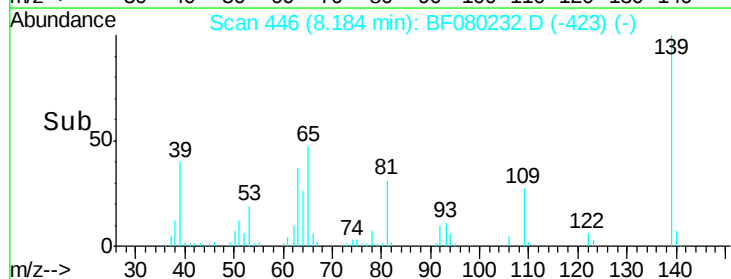
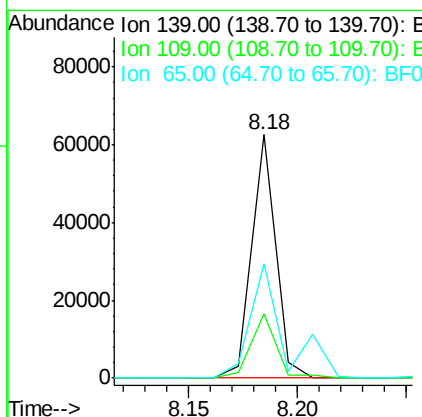
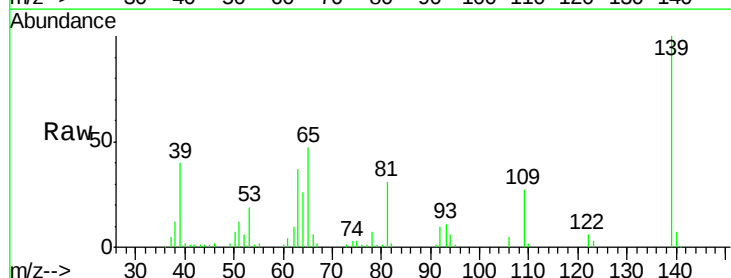
Tgt Ion: 139 Resp: 47763

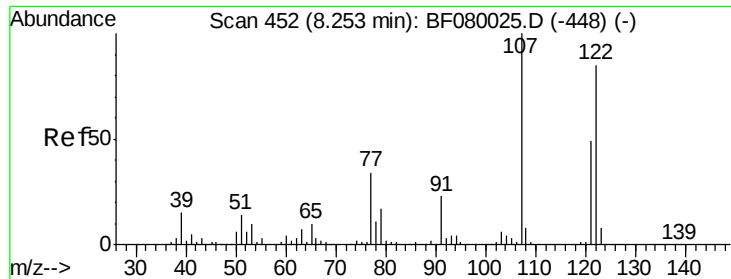
Ion Ratio Lower Upper

139 100

109 26.6 11.0 16.4#

65 47.2 24.7 37.1#

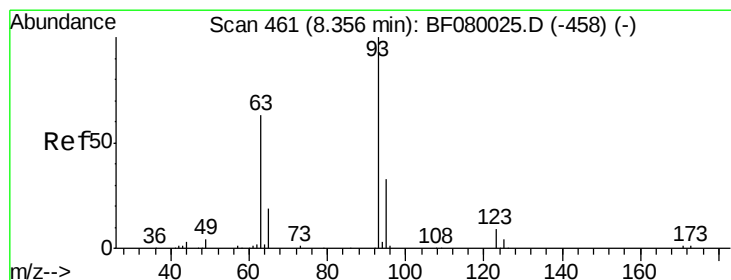
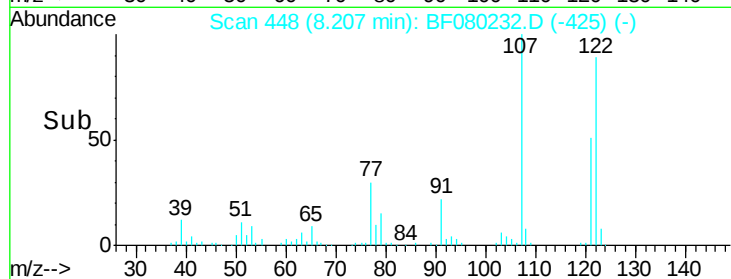
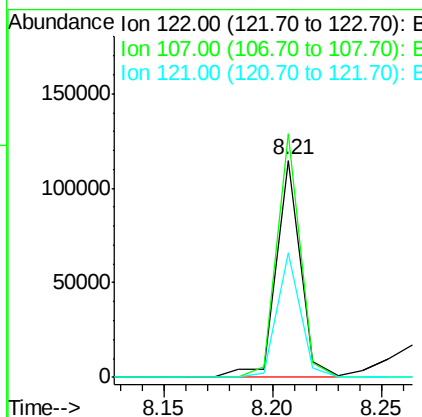
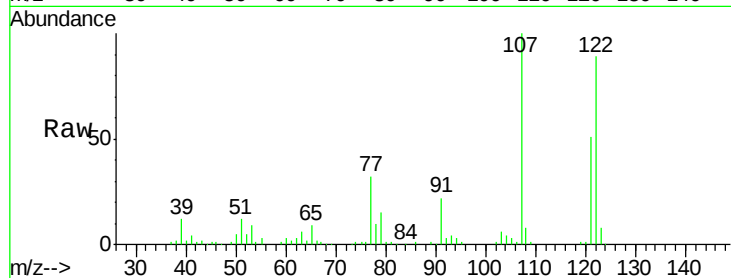




#27
 2,4-Dimethylphenol
 Concen: 47.21 ng
 RT: 8.21 min Scan# 448
 Delta R.T. -0.03 min
 Lab File: BF080232.D
 Acq: 30 Jun 2015 12:43

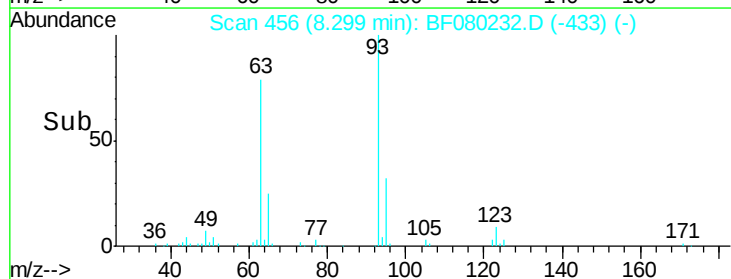
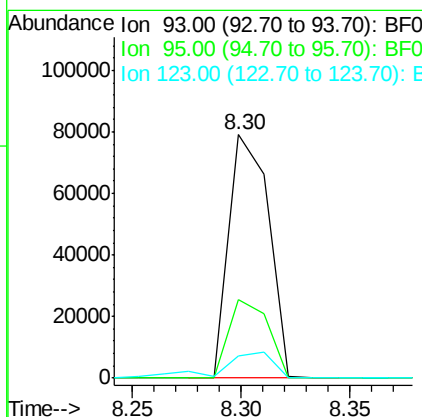
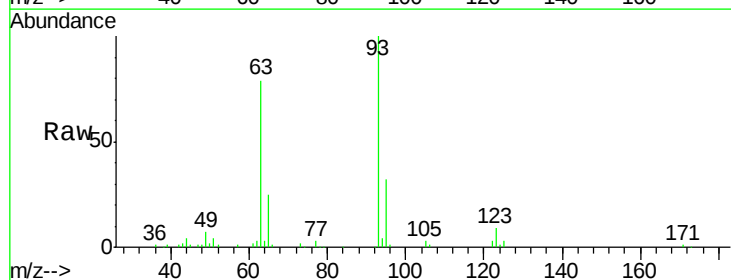
Instrument :
 BNA_F
 ClientSampleId :
 PB84255BS

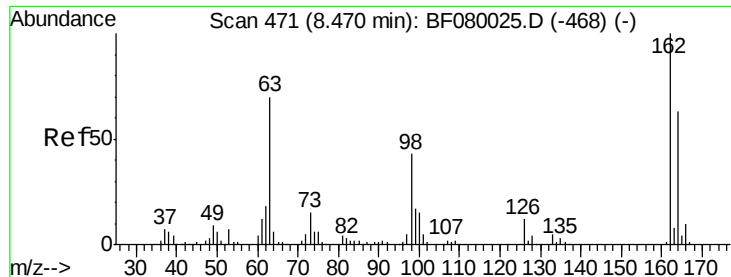
Tgt Ion:122 Resp: 90197
 Ion Ratio Lower Upper
 122 100
 107 112.3 71.8 107.6#
 121 57.5 42.3 63.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.91 ng
 RT: 8.30 min Scan# 456
 Delta R.T. -0.03 min
 Lab File: BF080232.D
 Acq: 30 Jun 2015 12:43

Tgt Ion: 93 Resp: 100073
 Ion Ratio Lower Upper
 93 100
 95 32.0 27.5 41.3
 123 8.9 13.7 20.5#

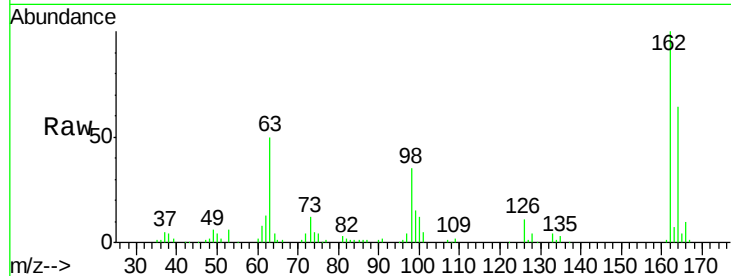




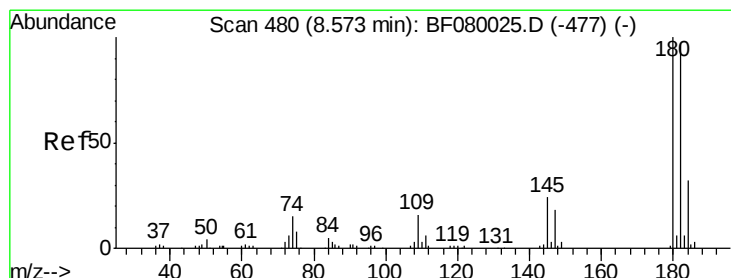
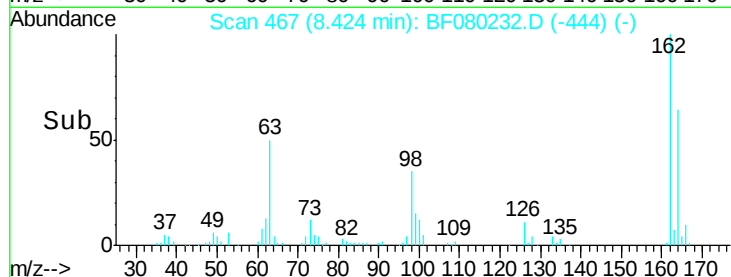
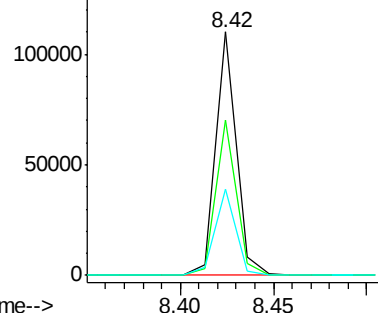
#29
2,4-Dichlorophenol
Concen: 51.88 ng
RT: 8.42 min Scan# 467
Delta R.T. -0.03 min
Lab File: BF080232.D
Acq: 30 Jun 2015 12:43

Instrument :
BNA_F
ClientSampleId :
PB84255BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.9	84.9
98	35.3	13.0	53.0

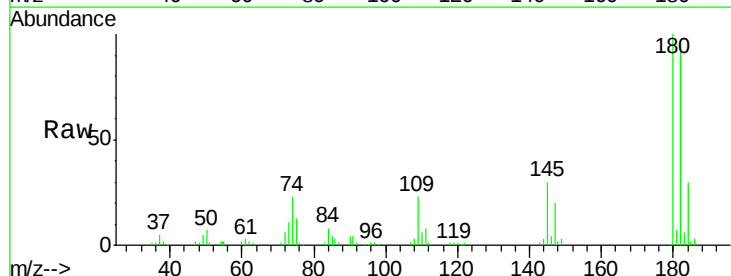


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

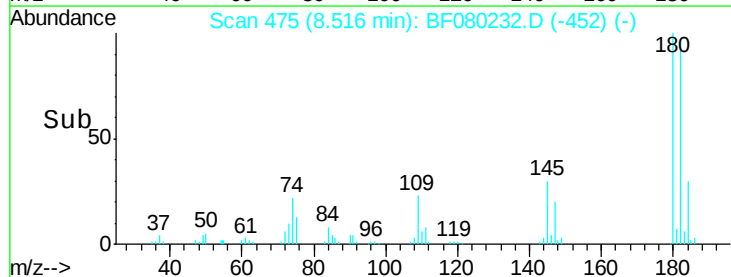
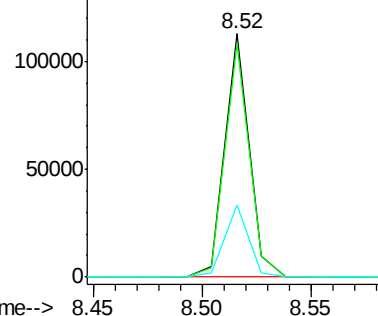


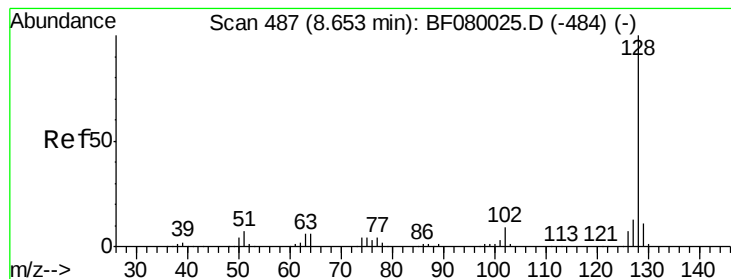
#30
1,2,4-Trichlorobenzene
Concen: 47.14 ng
RT: 8.52 min Scan# 475
Delta R.T. -0.03 min
Lab File: BF080232.D
Acq: 30 Jun 2015 12:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	77.1	115.7
145	29.8	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: 39.11 ng

RT: 8.60 min Scan# 482

Delta R.T. -0.03 min

Lab File: BF080232.D

Acq: 30 Jun 2015 12:43

Instrument :

BNA_F

ClientSampleId :

PB84255BS

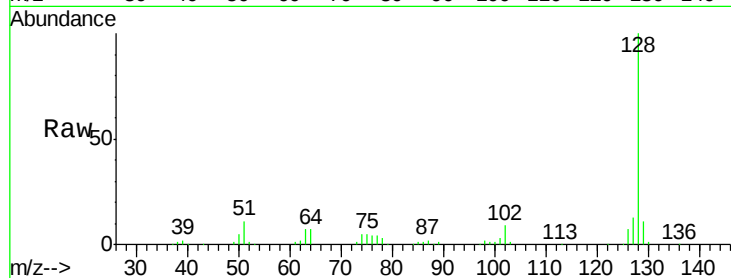
Tgt Ion:128 Resp: 252470

Ion Ratio Lower Upper

128 100

129 11.4 8.4 12.6

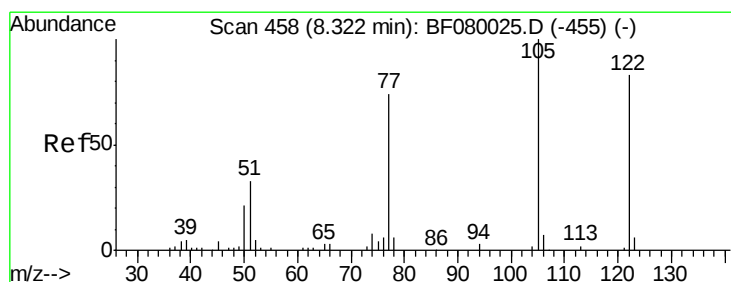
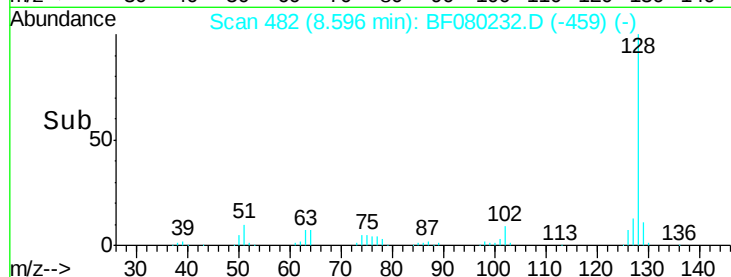
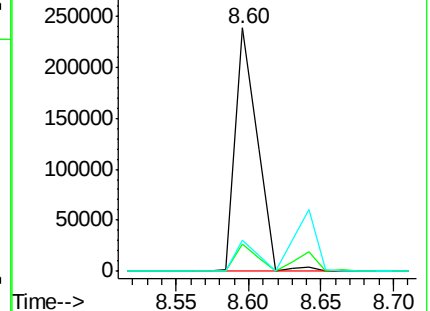
127 13.0 9.9 14.9



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: 40.32 ng

RT: 8.28 min Scan# 454

Delta R.T. -0.03 min

Lab File: BF080232.D

Acq: 30 Jun 2015 12:43

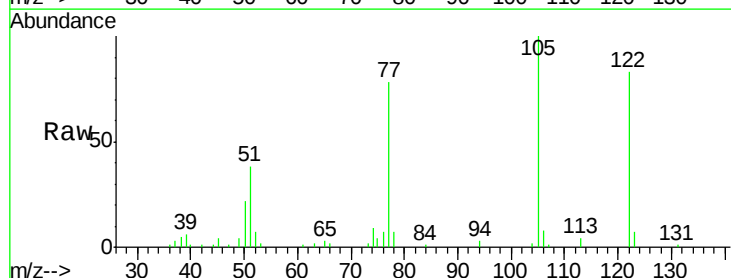
Tgt Ion:122 Resp: 46581

Ion Ratio Lower Upper

122 100

105 119.8 76.1 116.1#

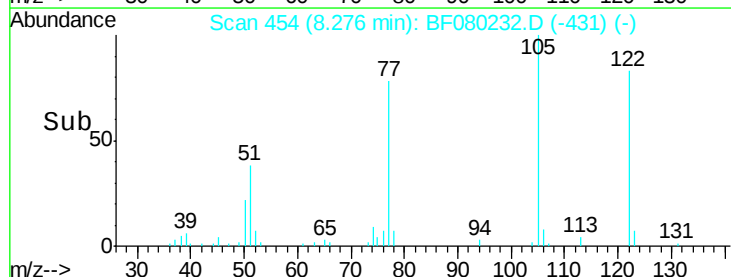
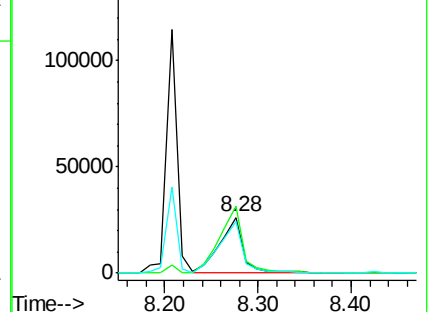
77 94.1 40.5 80.5#

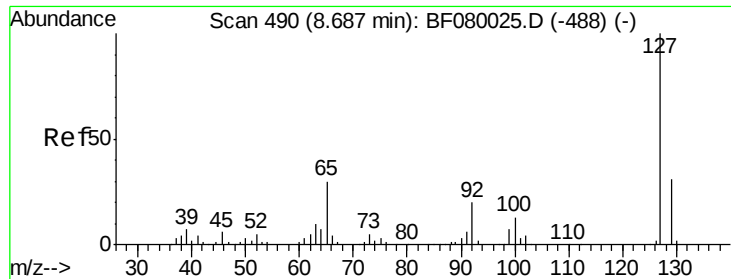


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

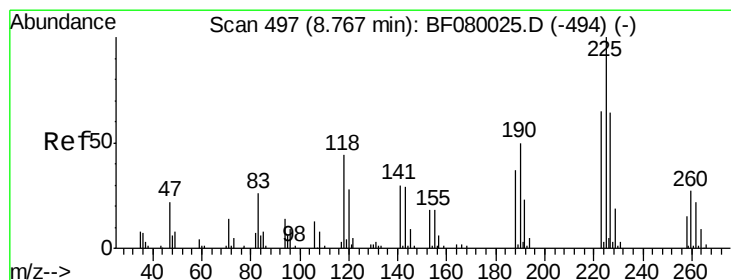
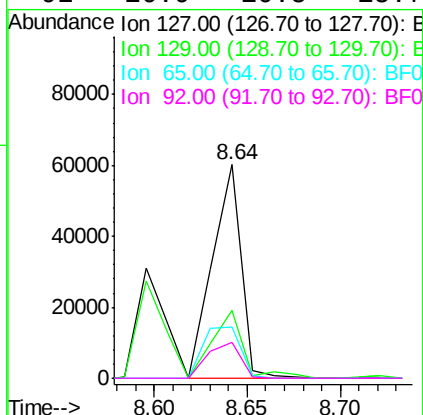
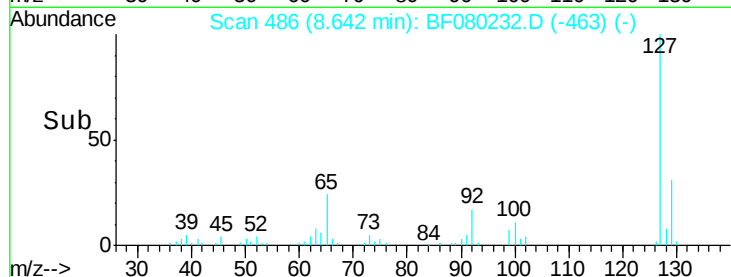
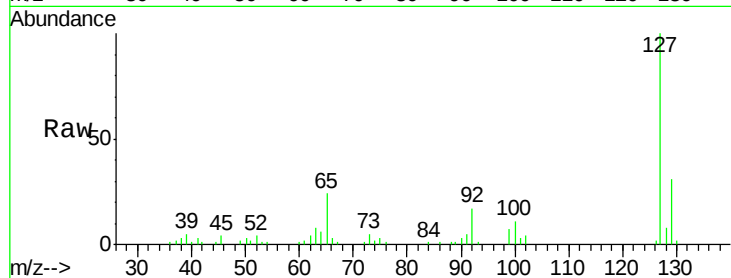




#33
4-Chloroaniline
Concen: 23.38 ng
RT: 8.64 min Scan# 486
Delta R.T. -0.03 min
Lab File: BF080232.D
Acq: 30 Jun 2015 12:43

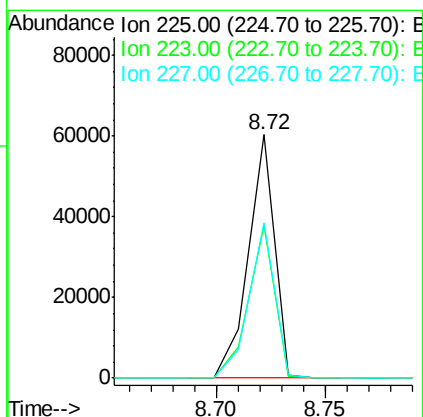
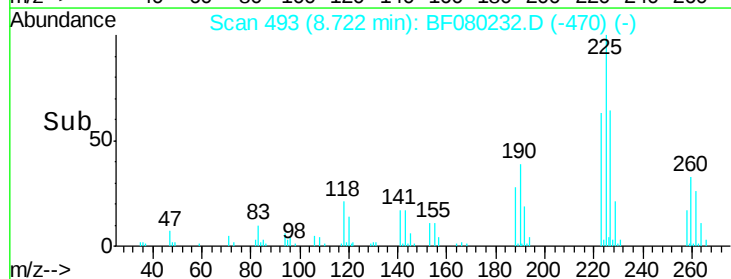
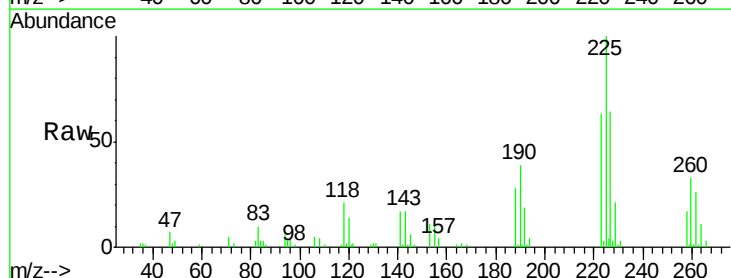
Instrument :
BNA_F
ClientSampleId :
PB84255BS

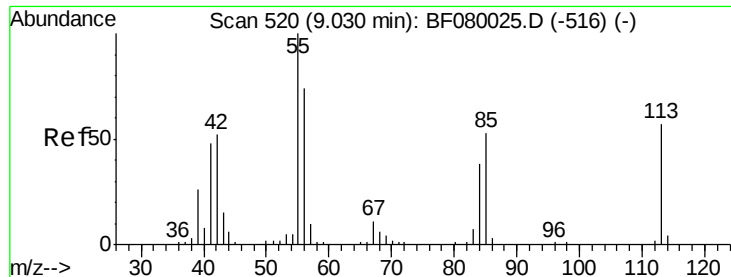
Tgt Ion:	127	Resp:	64600
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.8	38.6
65	23.9	17.9	26.9
92	16.9	10.5	15.7#



#34
Hexachlorobutadiene
Concen: 43.91 ng
RT: 8.72 min Scan# 493
Delta R.T. -0.03 min
Lab File: BF080232.D
Acq: 30 Jun 2015 12:43

Tgt Ion:	225	Resp:	50235
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.2	75.2
227	64.0	52.2	78.2

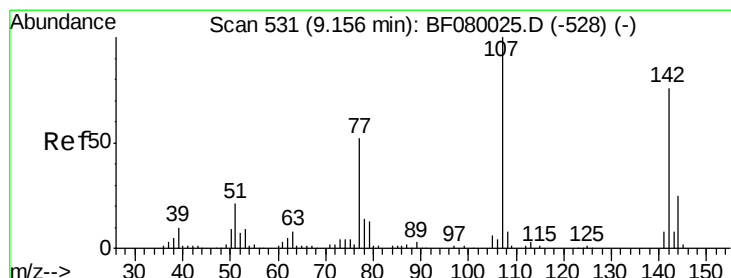
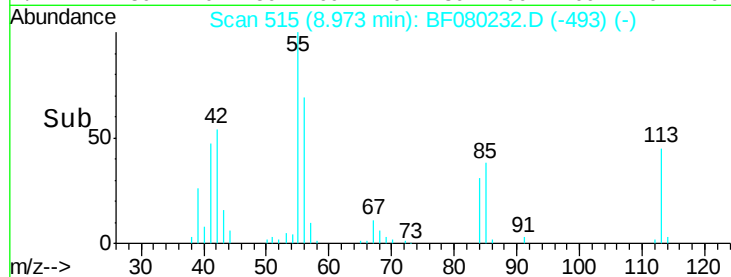
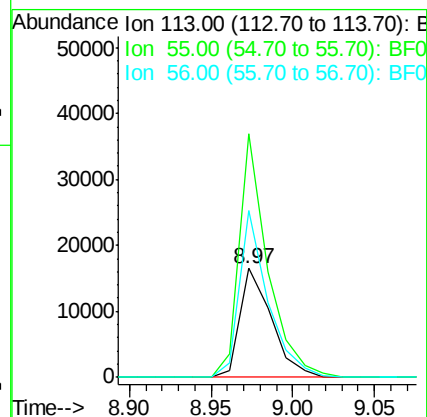
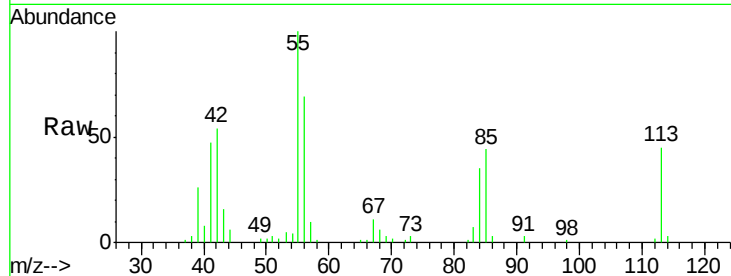




#35
 Caprolactam
 Concen: 41.45 ng
 RT: 8.97 min Scan# 515
 Delta R.T. -0.05 min
 Lab File: BF080232.D
 Acq: 30 Jun 2015 12:43

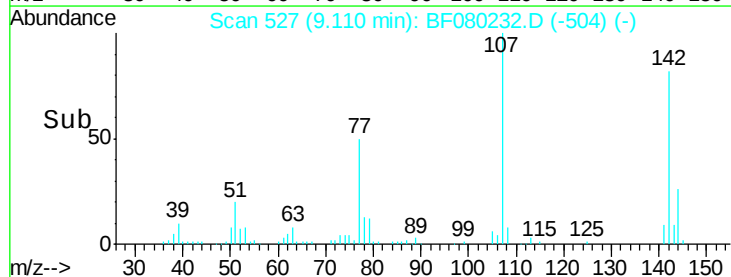
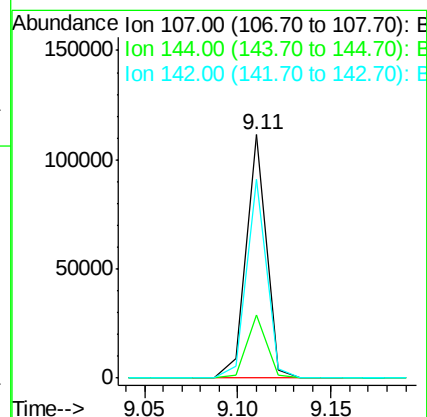
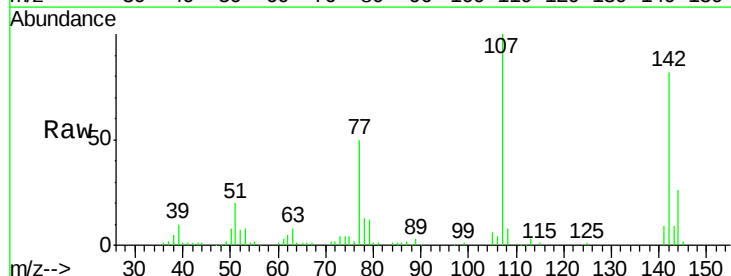
Instrument :
 BNA_F
 ClientSampleID :
 PB84255BS

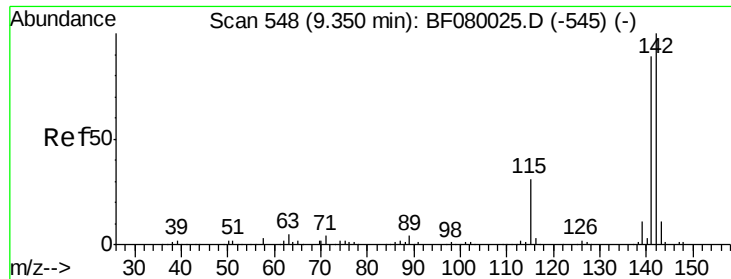
Tgt Ion:113 Resp: 22011
 Ion Ratio Lower Upper
 113 100
 55 223.2 152.4 192.4#
 56 153.0 104.6 144.6#



#36
 4-Chloro-3-methylphenol
 Concen: 46.40 ng
 RT: 9.11 min Scan# 527
 Delta R.T. -0.03 min
 Lab File: BF080232.D
 Acq: 30 Jun 2015 12:43

Tgt Ion:107 Resp: 85633
 Ion Ratio Lower Upper
 107 100
 144 25.9 25.4 38.0
 142 81.5 77.3 115.9

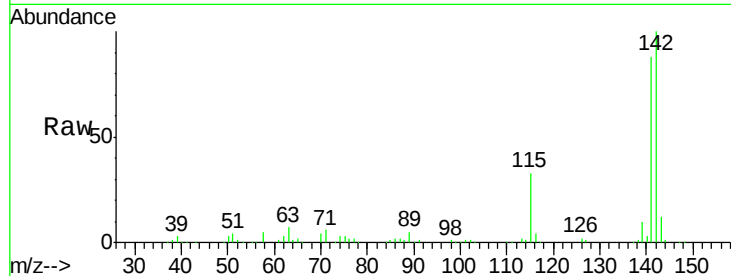




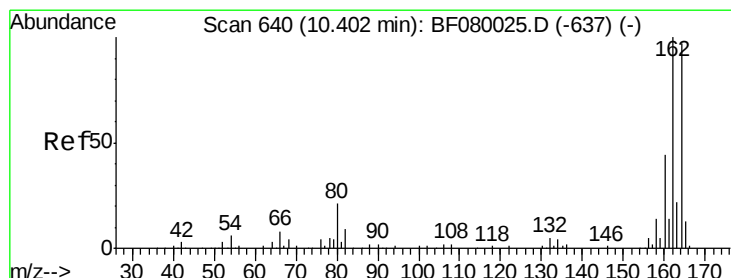
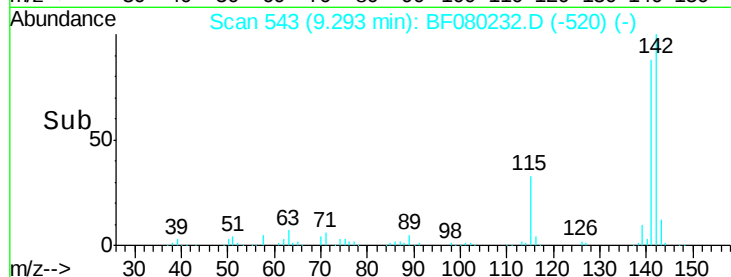
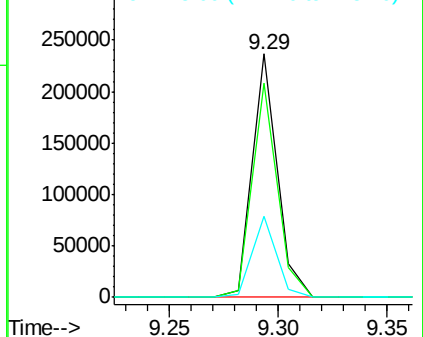
#37
 2-Methylnaphthalene
 Concen: 45.50 ng
 RT: 9.29 min Scan# 543
 Delta R.T. -0.03 min
 Lab File: BF080232.D
 Acq: 30 Jun 2015 12:43

Instrument :
 BNA_F
 ClientSampleId :
 PB84255BS

Tgt Ion:142 Resp: 189985
 Ion Ratio Lower Upper
 142 100
 141 88.1 67.5 101.3
 115 33.3 18.2 27.2#

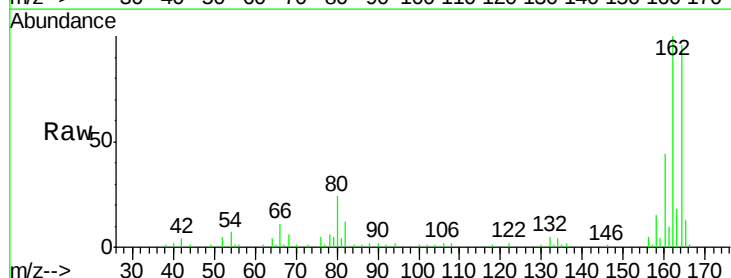


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

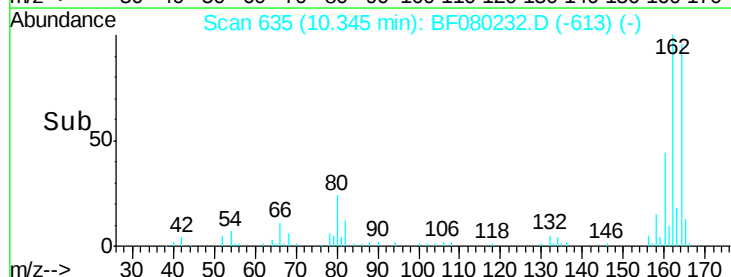
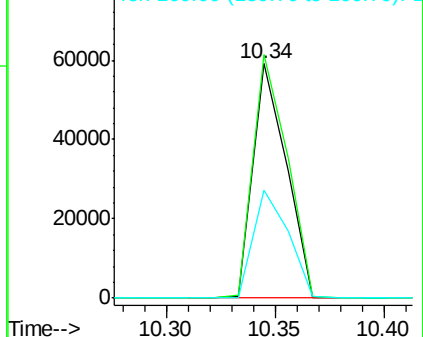


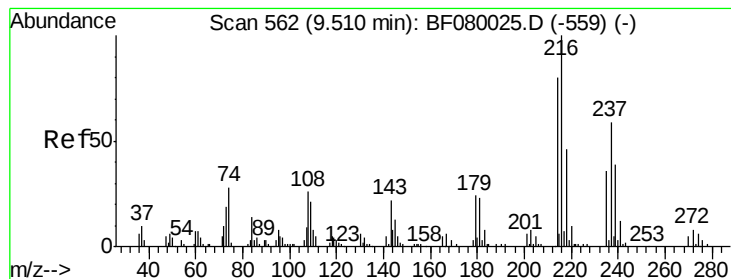
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.34 min Scan# 635
 Delta R.T. -0.05 min
 Lab File: BF080232.D
 Acq: 30 Jun 2015 12:43

Tgt Ion:164 Resp: 62924
 Ion Ratio Lower Upper
 164 100
 162 103.9 75.2 112.8
 160 46.1 31.5 47.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.65 ng

RT: 9.46 min Scan# 558

Delta R.T. -0.03 min

Lab File: BF080232.D

Acq: 30 Jun 2015 12:43

Instrument :

BNA_F

ClientSampleId :

PB84255BS

Tgt Ion:216 Resp: 87246

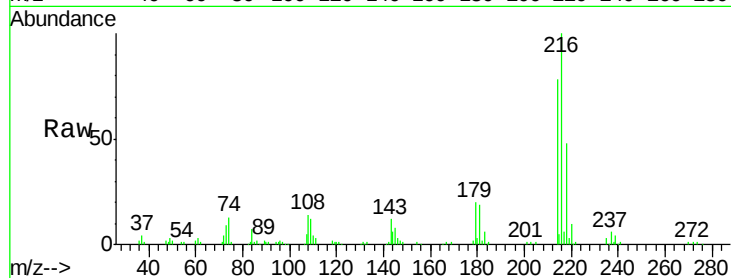
Ion Ratio Lower Upper

216 100

214 78.7 63.5 95.3

179 20.5 16.6 24.8

108 19.1 16.3 24.5

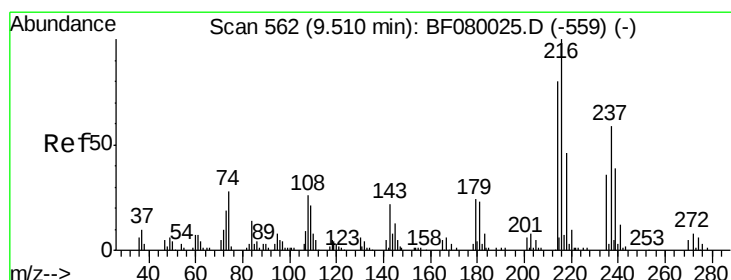
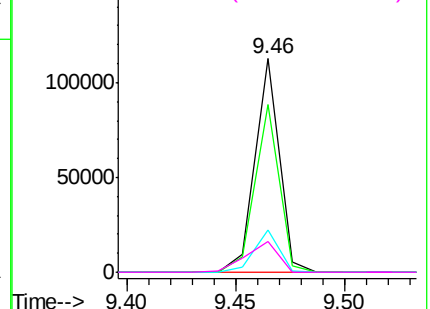
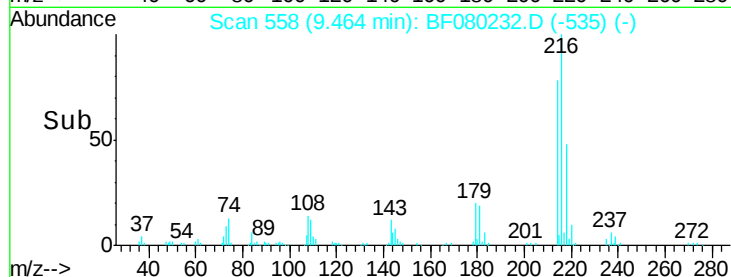


Abundance Ion 216.00 (215.70 to 216.70): E

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: 87.69 ng

RT: 9.45 min Scan# 557

Delta R.T. -0.03 min

Lab File: BF080232.D

Acq: 30 Jun 2015 12:43

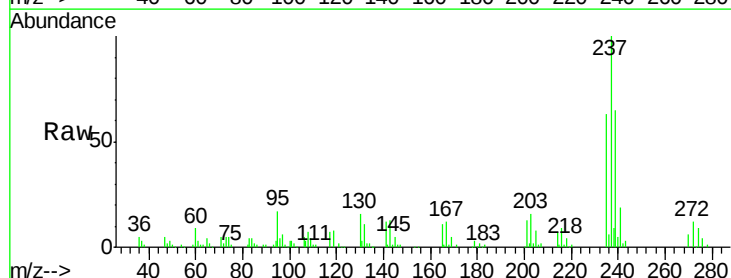
Tgt Ion:237 Resp: 83237

Ion Ratio Lower Upper

237 100

235 63.2 42.0 82.0

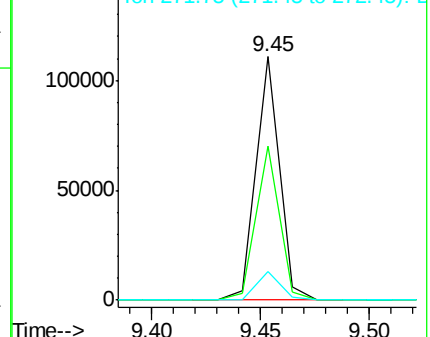
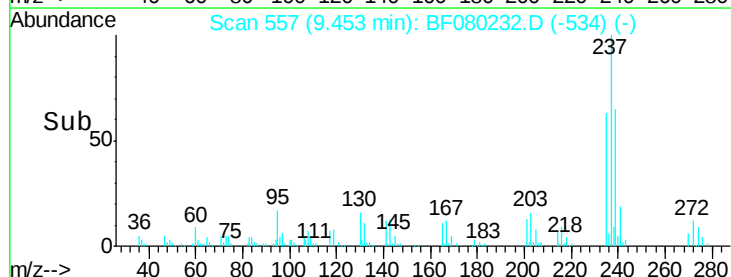
272 11.7 0.0 36.1

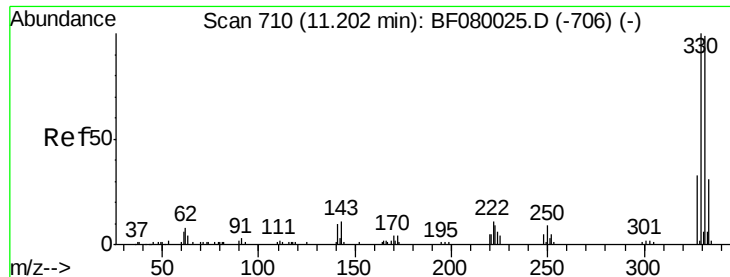


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

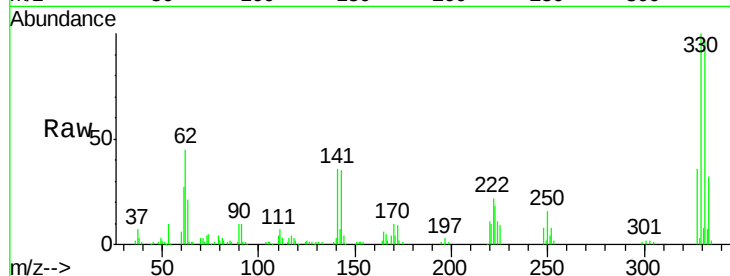




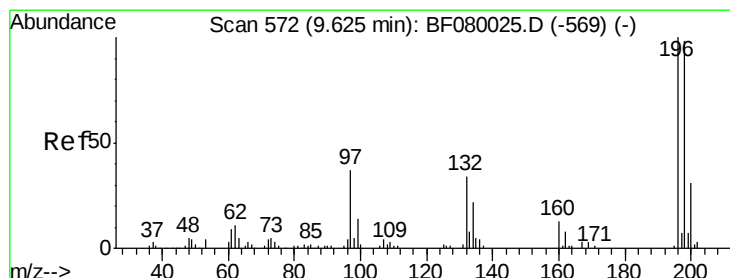
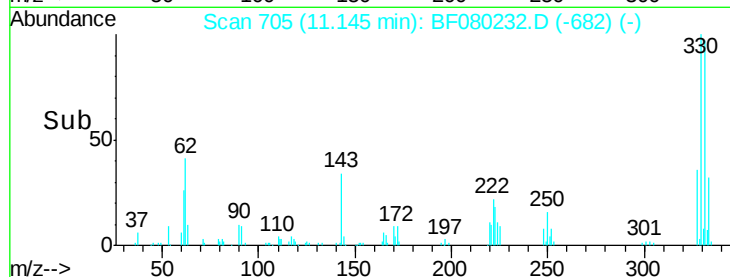
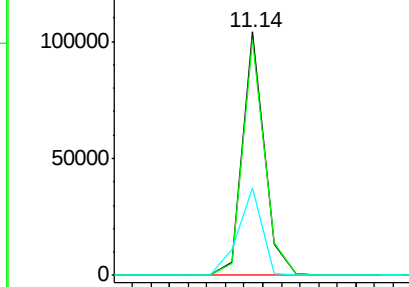
#41
 2,4,6-Tribromophenol
 Concen: 137.73 ng
 RT: 11.14 min Scan# 705
 Delta R.T. -0.03 min
 Lab File: BF080232.D
 Acq: 30 Jun 2015 12:43

Instrument :
 BNA_F
 ClientSampleId :
 PB84255BS

Tgt Ion:330 Resp: 84748
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 114.8
 141 40.1 29.7 44.5

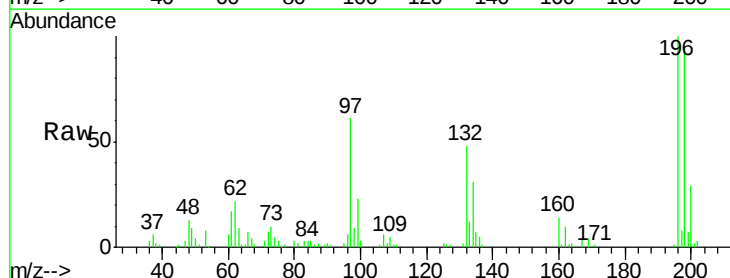


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

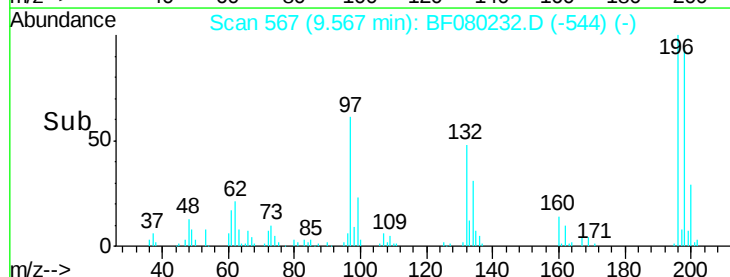
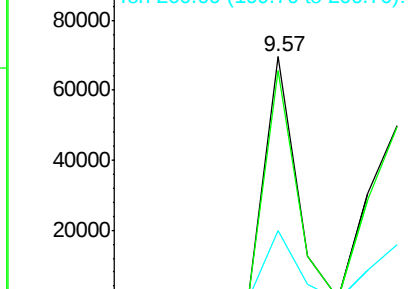


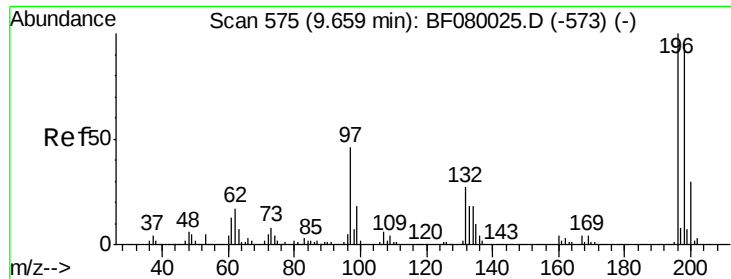
#42
 2,4,6-Trichlorophenol
 Concen: 46.23 ng
 RT: 9.57 min Scan# 567
 Delta R.T. -0.03 min
 Lab File: BF080232.D
 Acq: 30 Jun 2015 12:43

Tgt Ion:196 Resp: 57601
 Ion Ratio Lower Upper
 196 100
 198 94.1 75.7 113.5
 200 28.6 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

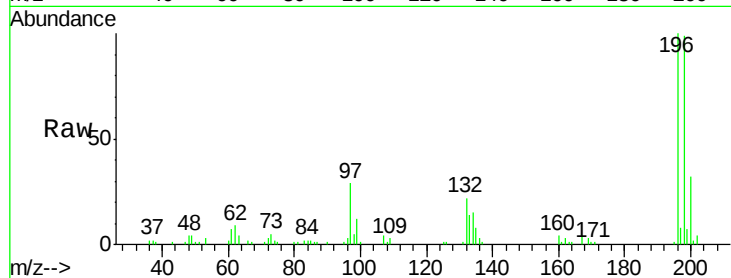




#43
 2,4,5-Trichlorophenol
 Concen: 39.18 ng
 RT: 9.61 min Scan# 571
 Delta R.T. -0.03 min
 Lab File: BF080232.D
 Acq: 30 Jun 2015 12:43

Instrument :
 BNA_F
 ClientSampleId :
 PB84255BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.8	75.4	113.0
97	28.6	33.3	49.9#
132	21.6	24.6	37.0#



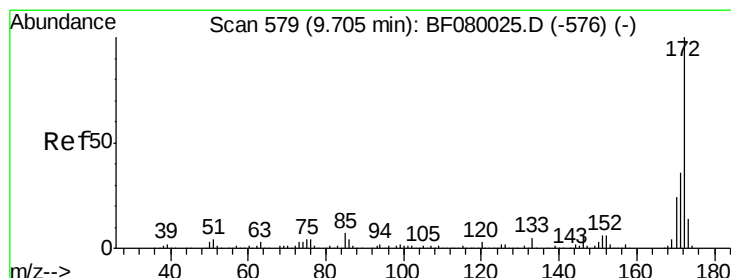
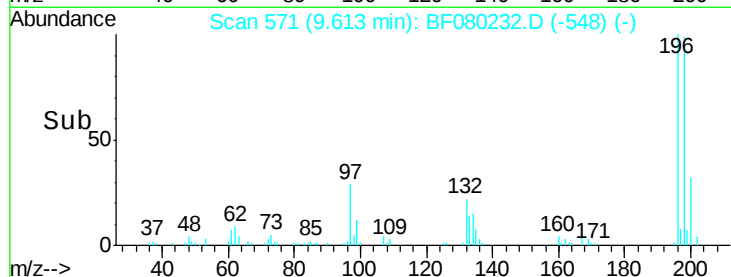
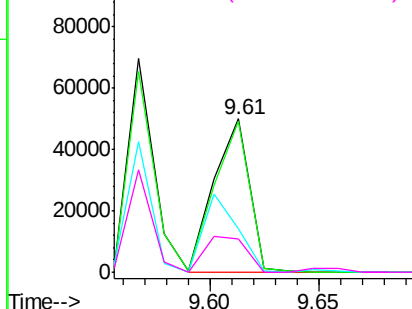
Abundance

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: 90.44 ng
 RT: 9.66 min Scan# 575
 Delta R.T. -0.03 min
 Lab File: BF080232.D
 Acq: 30 Jun 2015 12:43

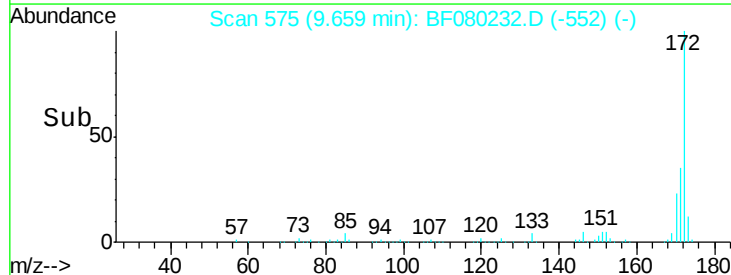
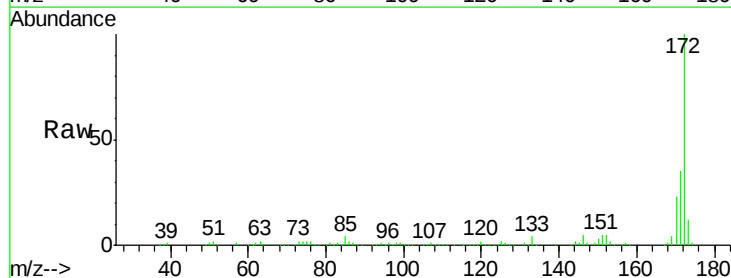
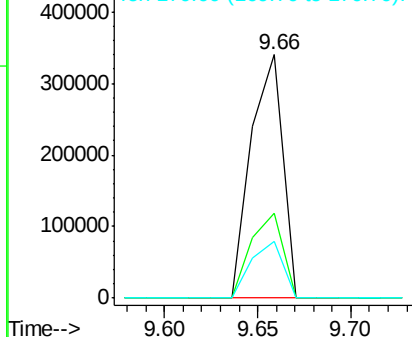
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	26.1	39.1
170	23.3	17.4	26.2

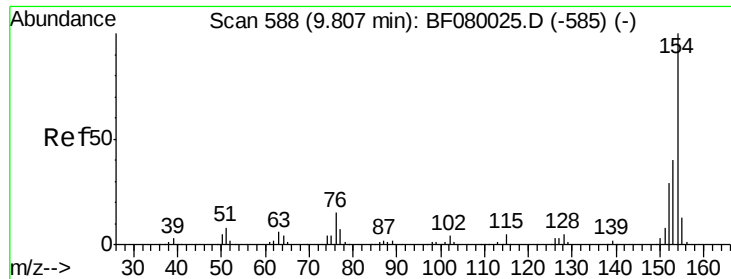
Abundance

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

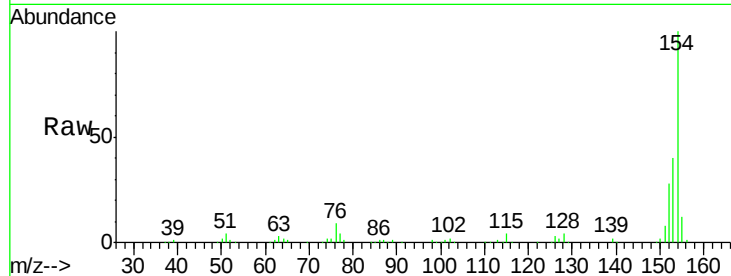




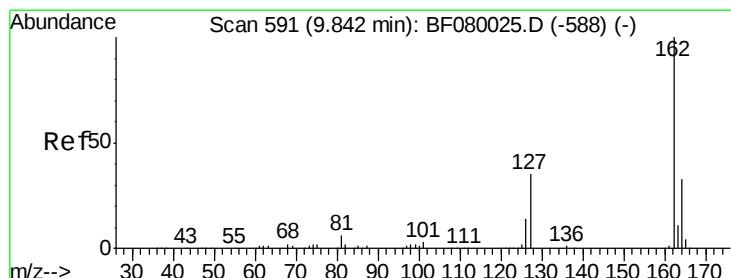
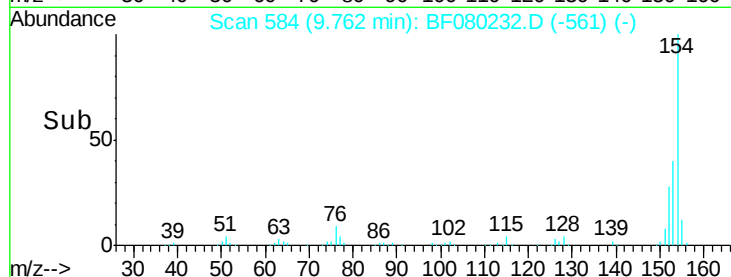
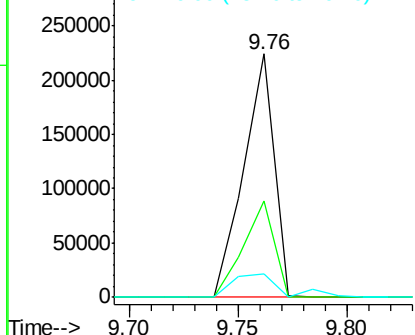
#45
 1,1'-Biphenyl
 Concen: 42.54 ng
 RT: 9.76 min Scan# 584
 Delta R.T. -0.03 min
 Lab File: BF080232.D
 Acq: 30 Jun 2015 12:43

Instrument :
 BNA_F
 ClientSampleId :
 PB84255BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	17.1	57.1
76	9.4	0.0	31.6

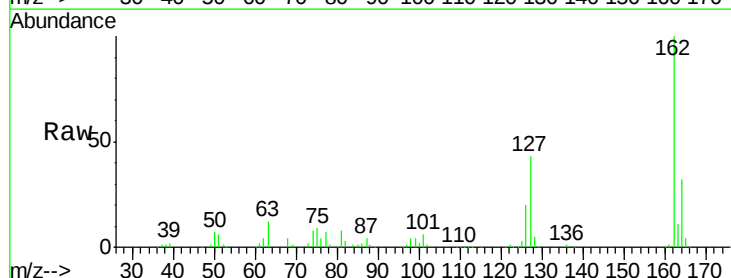


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

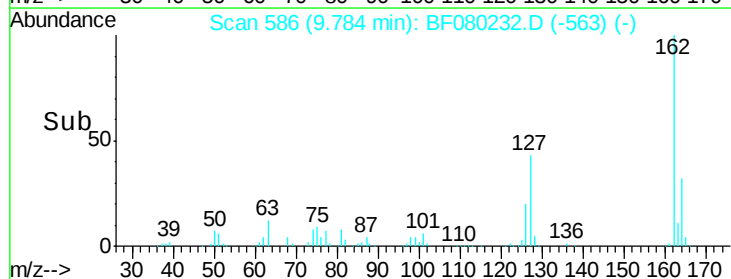
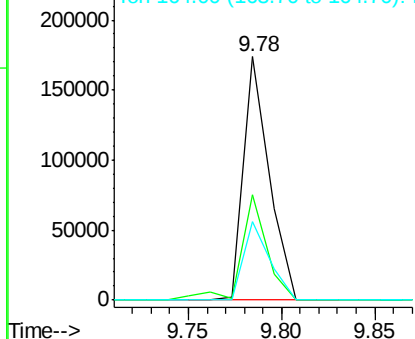


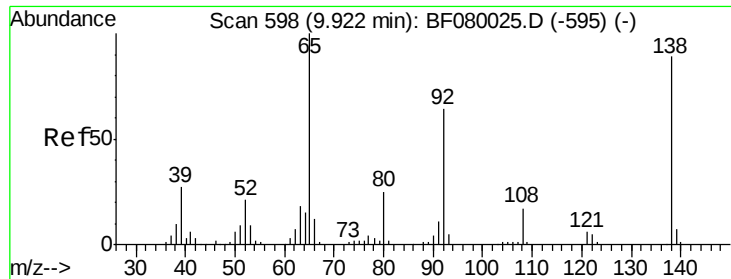
#46
 2-Chloronaphthalene
 Concen: 39.97 ng
 RT: 9.78 min Scan# 586
 Delta R.T. -0.03 min
 Lab File: BF080232.D
 Acq: 30 Jun 2015 12:43

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.1	27.6	41.4#
164	32.0	25.4	38.2



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

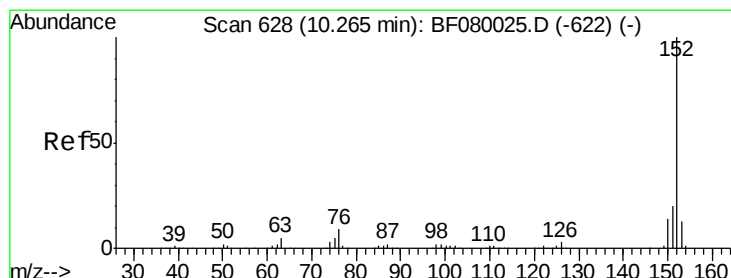
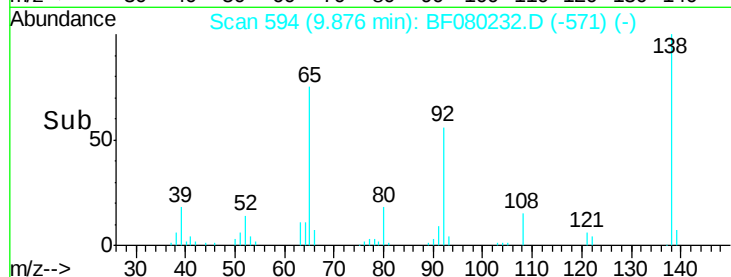
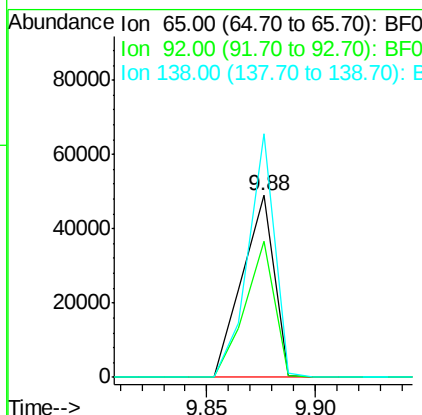
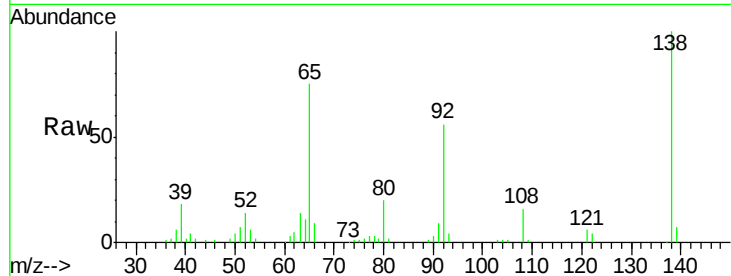




#47
 2-Nitroaniline
 Concen: 43.91 ng
 RT: 9.88 min Scan# 594
 Delta R.T. -0.03 min
 Lab File: BF080232.D
 Acq: 30 Jun 2015 12:43

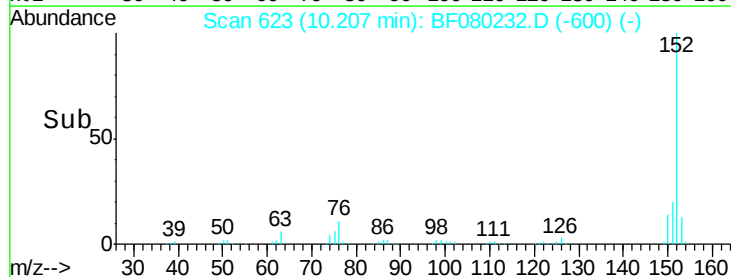
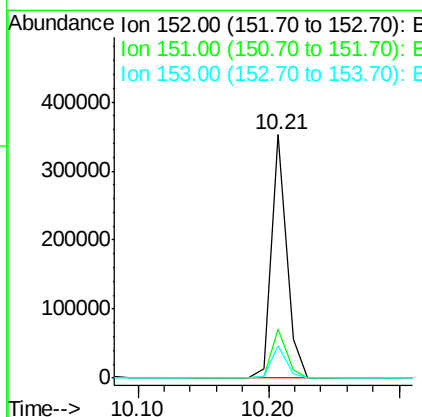
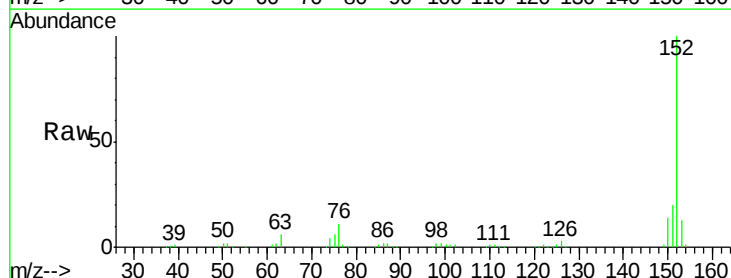
Instrument :
 BNA_F
 ClientSampleId :
 PB84255BS

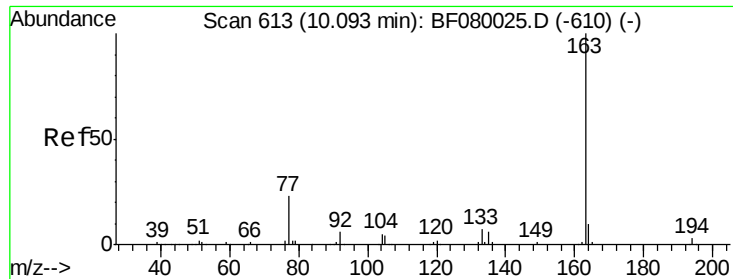
Tgt Ion: 65 Resp: 50065
 Ion Ratio Lower Upper
 65 100
 92 74.5 55.4 83.0
 138 133.8 115.5 173.3



#48
 Acenaphthylene
 Concen: 41.96 ng
 RT: 10.21 min Scan# 623
 Delta R.T. -0.03 min
 Lab File: BF080232.D
 Acq: 30 Jun 2015 12:43

Tgt Ion: 152 Resp: 290940
 Ion Ratio Lower Upper
 152 100
 151 20.2 14.6 22.0
 153 13.4 10.3 15.5

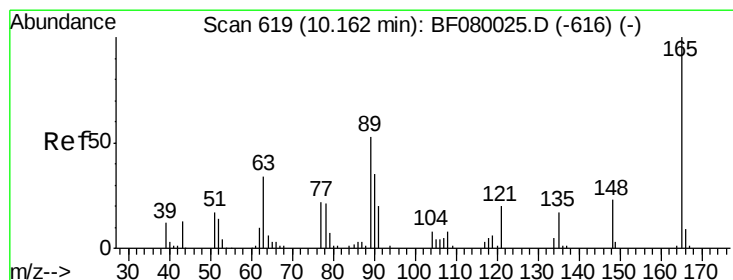
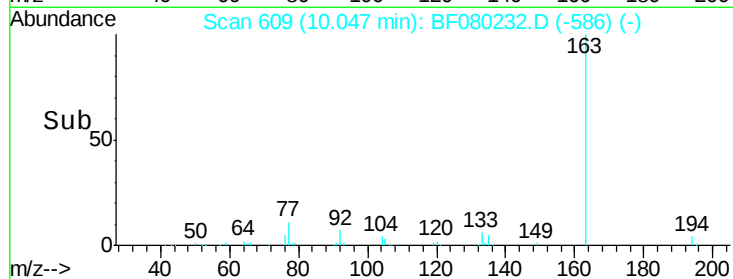
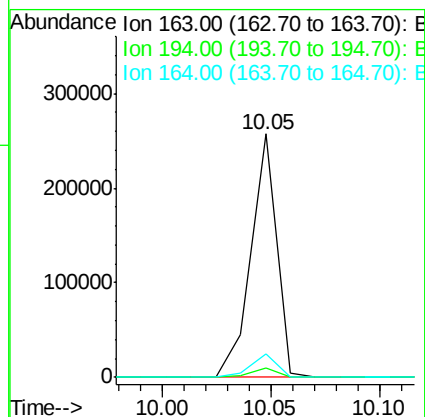
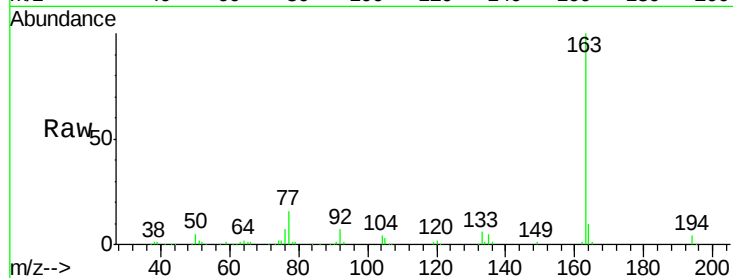




#49
Dimethylphthalate
Concen: 44.38 ng
RT: 10.05 min Scan# 609
Delta R.T. -0.03 min
Lab File: BF080232.D
Acq: 30 Jun 2015 12:43

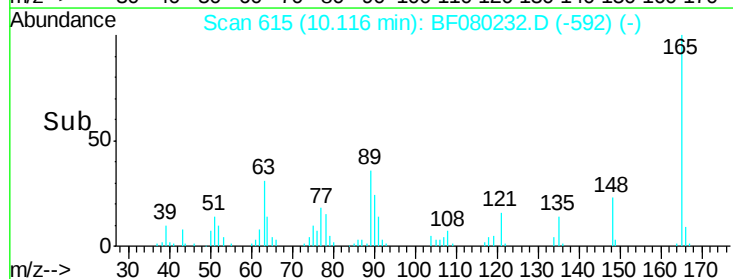
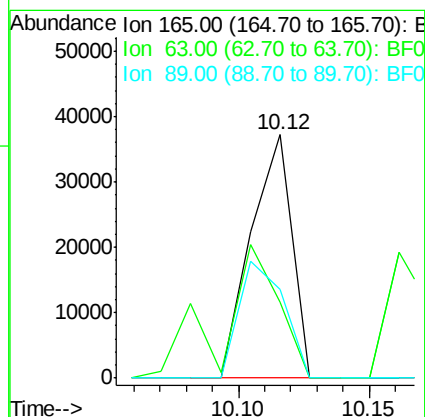
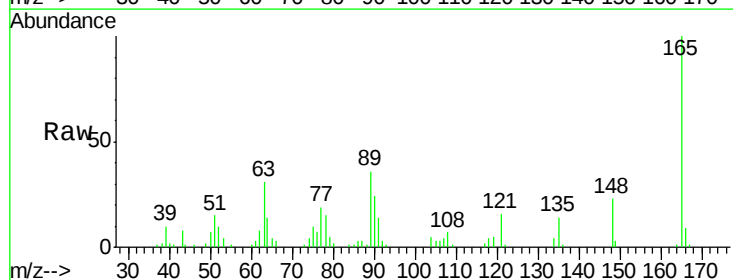
Instrument :
BNA_F
ClientSampleId :
PB84255BS

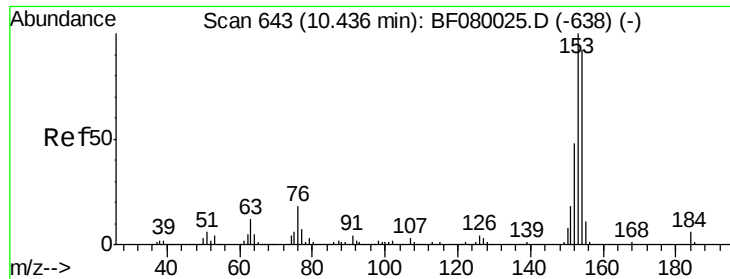
Tgt Ion:163 Resp: 209945
Ion Ratio Lower Upper
163 100
194 3.9 4.4 6.6#
164 9.9 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 43.11 ng
RT: 10.12 min Scan# 615
Delta R.T. -0.03 min
Lab File: BF080232.D
Acq: 30 Jun 2015 12:43

Tgt Ion:165 Resp: 40885
Ion Ratio Lower Upper
165 100
63 31.4 32.3 48.5#
89 36.4 28.6 43.0





#51

Acenaphthene

Concen: 43.81 ng

RT: 10.38 min Scan# 638

Delta R.T. -0.05 min

Lab File: BF080232.D

Acq: 30 Jun 2015 12:43

Instrument :

BNA_F

ClientSampleId :

PB84255BS

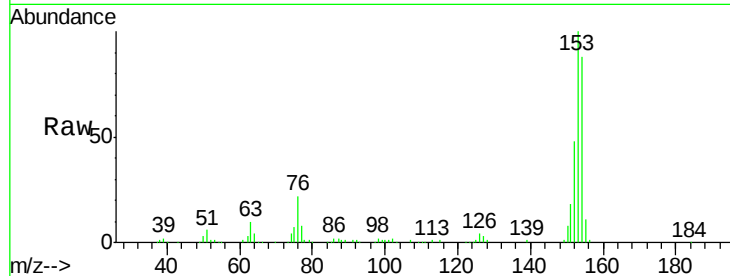
Tgt Ion:154 Resp: 185837

Ion Ratio Lower Upper

154 100

153 113.2 82.1 123.1

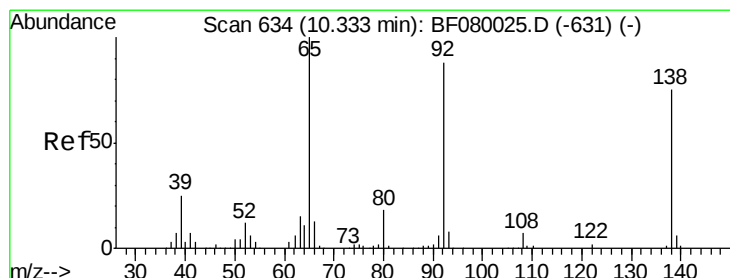
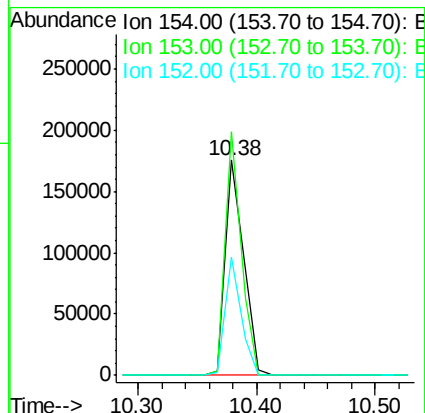
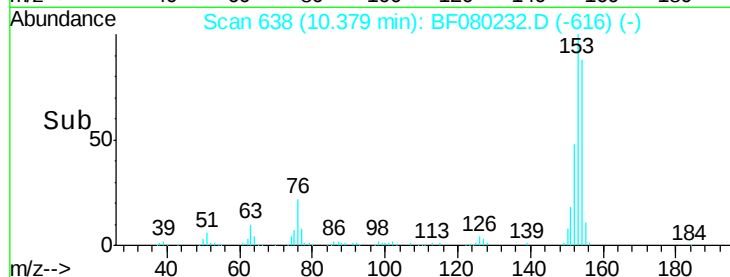
152 54.7 37.9 56.9



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: 31.57 ng

RT: 10.29 min Scan# 630

Delta R.T. -0.03 min

Lab File: BF080232.D

Acq: 30 Jun 2015 12:43

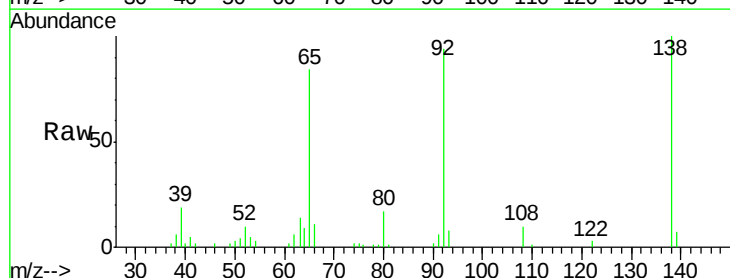
Tgt Ion:138 Resp: 34540

Ion Ratio Lower Upper

138 100

108 10.1 5.7 8.5#

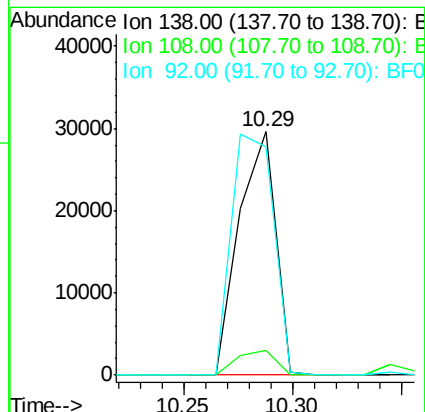
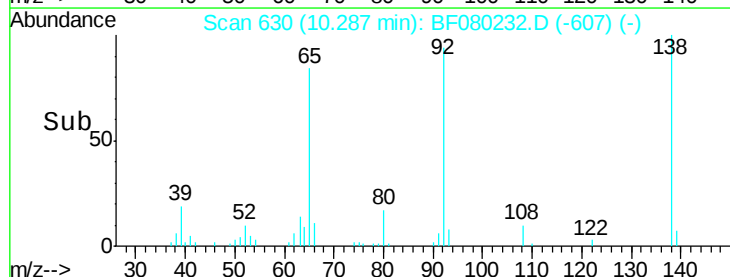
92 93.6 67.7 101.5

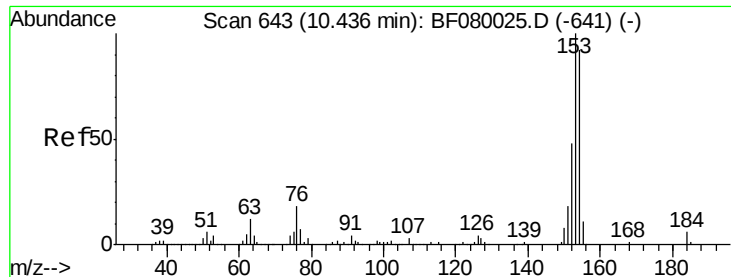


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

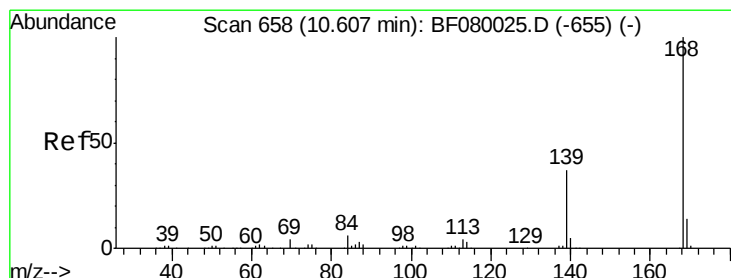
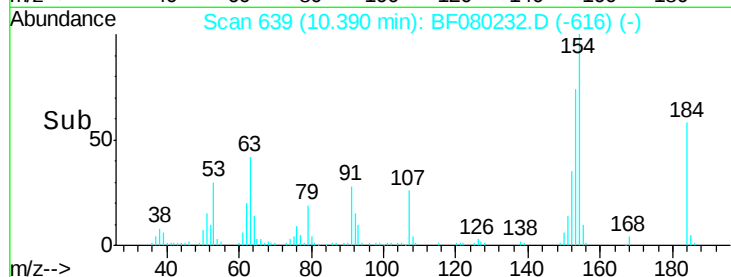
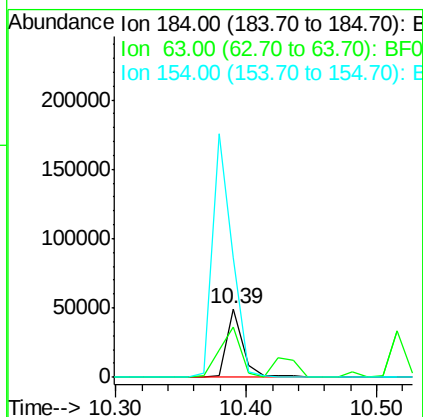
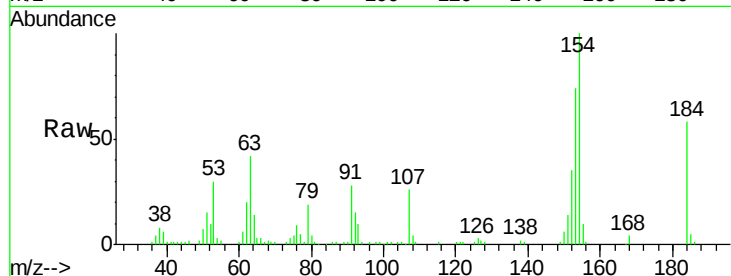




#53
 2,4-Dinitrophenol
 Concen: 108.44 ng
 RT: 10.39 min Scan# 639
 Delta R.T. -0.03 min
 Lab File: BF080232.D
 Acq: 30 Jun 2015 12:43

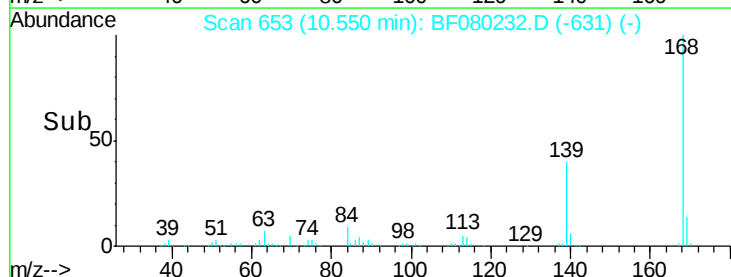
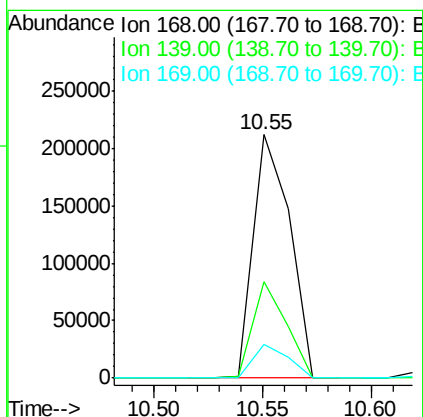
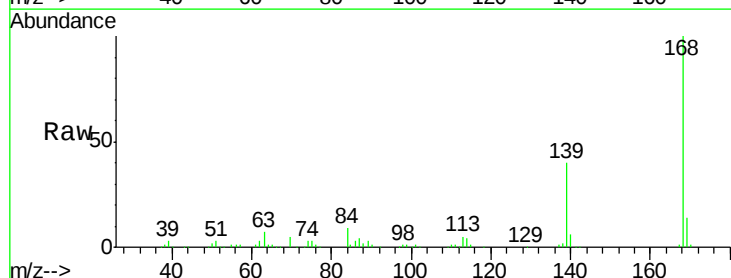
Instrument :
 BNA_F
 ClientSampleId :
 PB84255BS

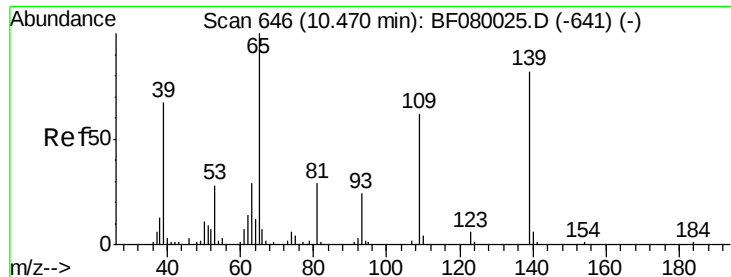
Tgt Ion:184 Resp: 42722
 Ion Ratio Lower Upper
 184 100
 63 73.3 35.4 53.2#
 154 173.8 32.2 48.4#



#54
 Dibenzofuran
 Concen: 41.33 ng
 RT: 10.55 min Scan# 653
 Delta R.T. -0.05 min
 Lab File: BF080232.D
 Acq: 30 Jun 2015 12:43

Tgt Ion:168 Resp: 248722
 Ion Ratio Lower Upper
 168 100
 139 39.8 24.2 36.2#
 169 13.9 10.6 15.8





#55

4-Nitrophenol

Concen: 86.23 ng

RT: 10.44 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF080232.D

Acq: 30 Jun 2015 12:43

Instrument :

BNA_F

ClientSampleId :

PB84255BS

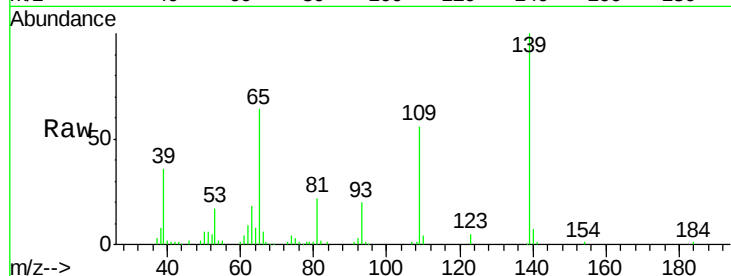
Tgt Ion:139 Resp: 75418

Ion Ratio Lower Upper

139 100

109 55.9 12.7 52.7#

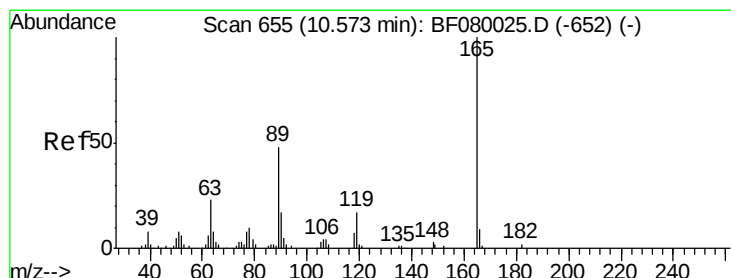
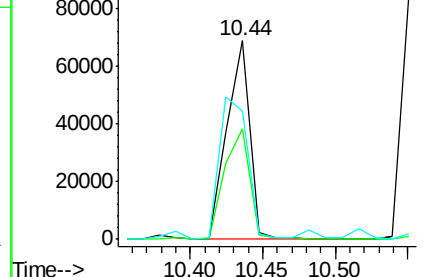
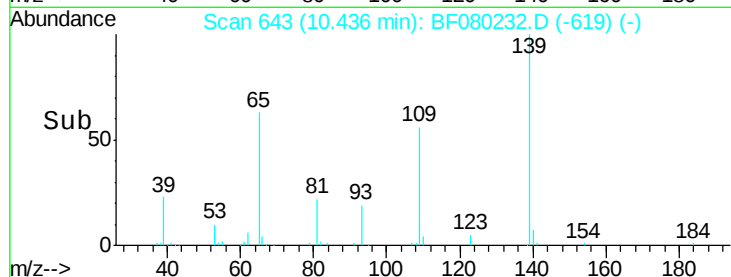
65 64.4 45.9 85.9



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: 47.44 ng

RT: 10.52 min Scan# 650

Delta R.T. -0.03 min

Lab File: BF080232.D

Acq: 30 Jun 2015 12:43

Tgt Ion:165 Resp: 57093

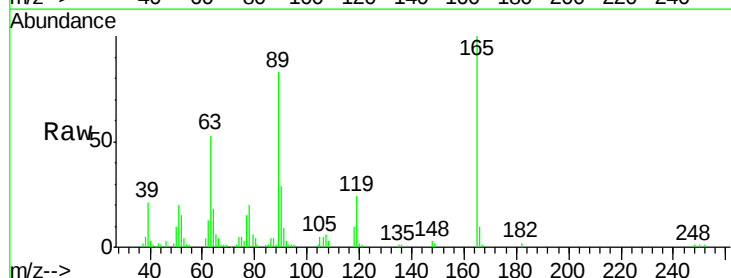
Ion Ratio Lower Upper

165 100

63 52.8 29.8 44.6#

89 83.4 44.5 66.7#

182 2.2 3.0 4.4#

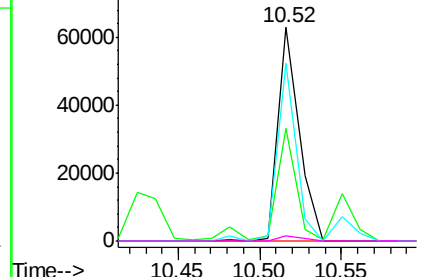
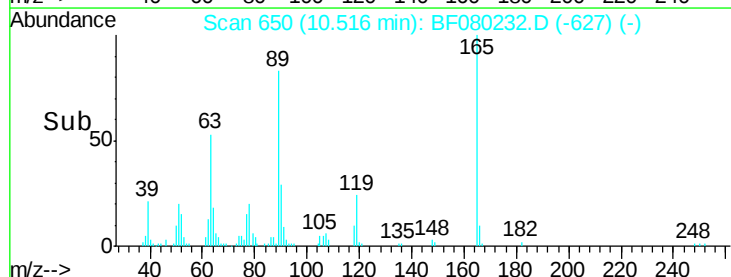


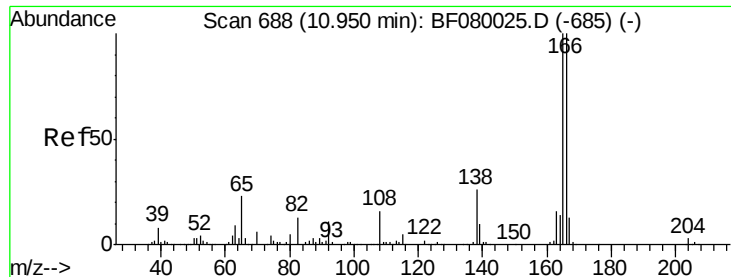
Abundance Ion 165.00 (164.70 to 165.70): E

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: 43.10 ng

RT: 10.90 min Scan# 684

Delta R.T. -0.03 min

Lab File: BF080232.D

Acq: 30 Jun 2015 12:43

Instrument :

BNA_F

ClientSampleId :

PB84255BS

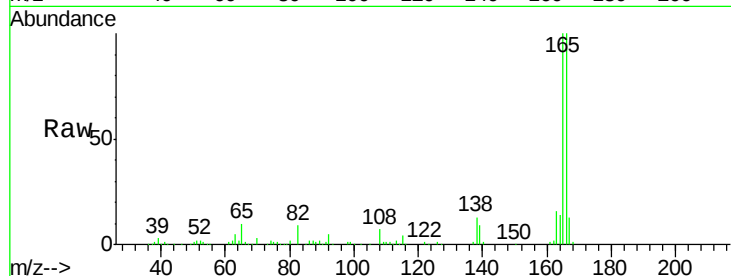
Tgt Ion:166 Resp: 205805

Ion Ratio Lower Upper

166 100

165 100.1 72.6 109.0

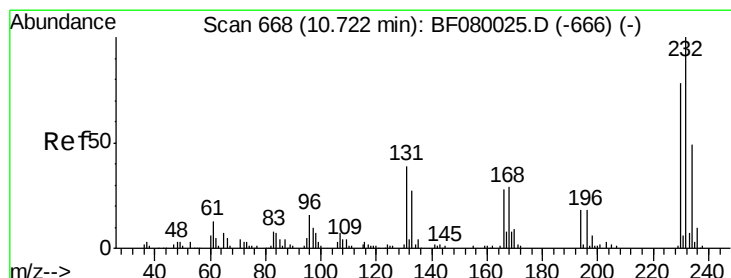
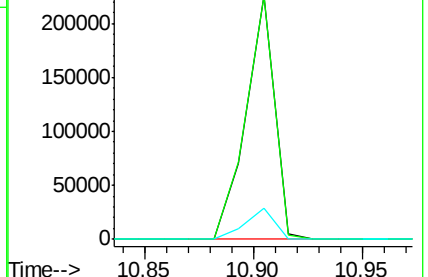
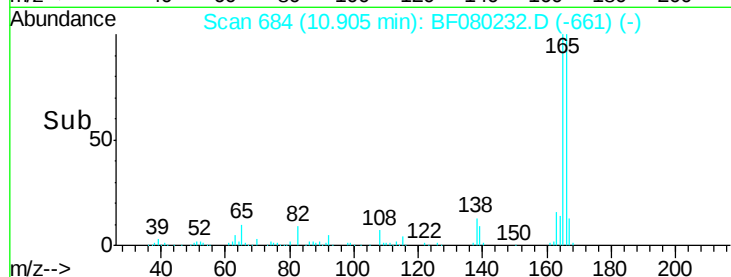
167 13.0 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.34 ng

RT: 10.68 min Scan# 664

Delta R.T. -0.03 min

Lab File: BF080232.D

Acq: 30 Jun 2015 12:43

Tgt Ion:232 Resp: 48889

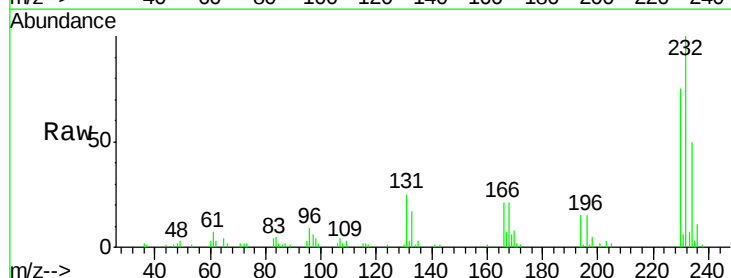
Ion Ratio Lower Upper

232 100

131 44.4 38.5 57.7

130 2.1 1.8 2.6

166 29.8 25.0 37.6

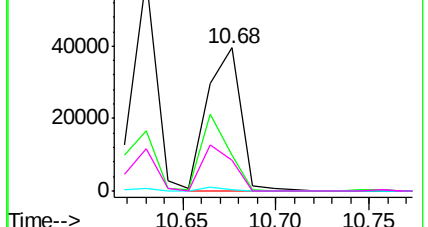
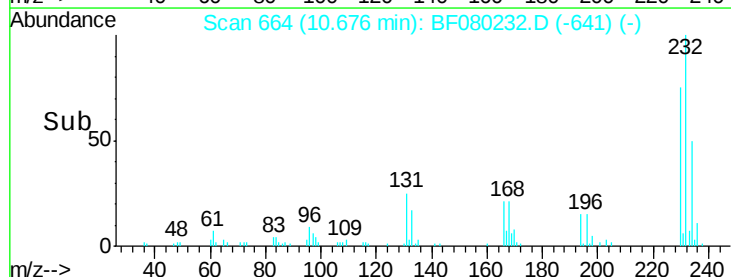


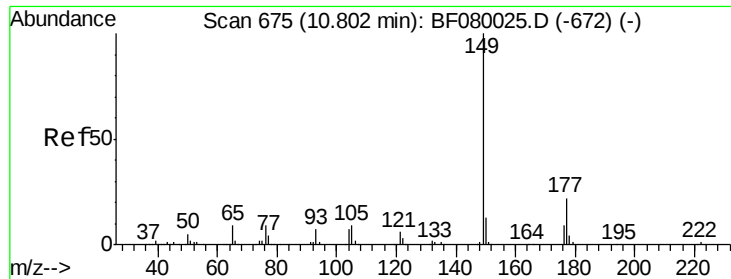
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

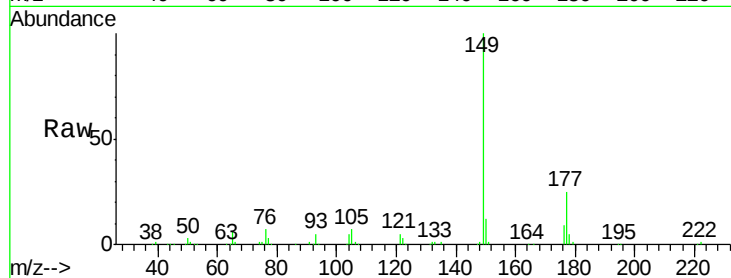




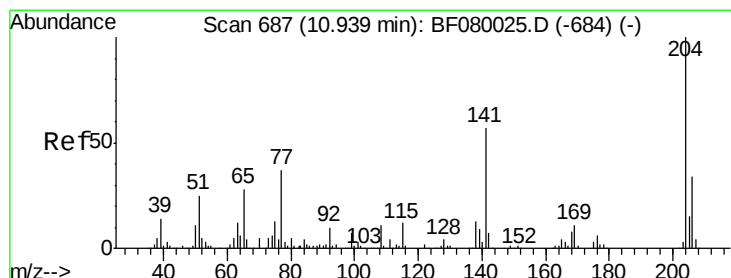
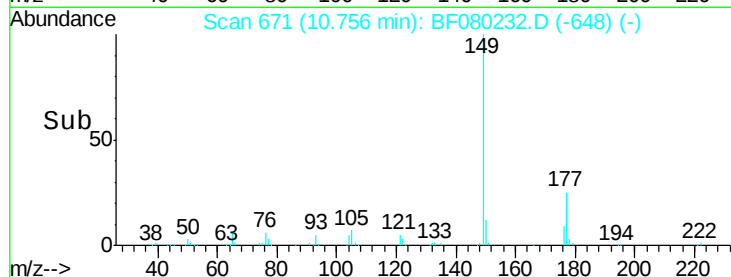
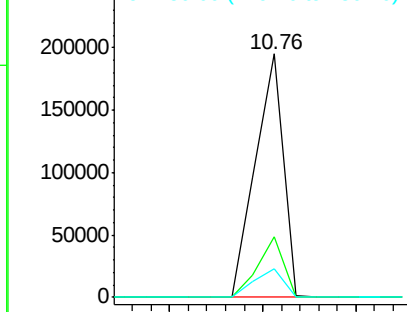
#59
Diethylphthalate
Concen: 42.17 ng
RT: 10.76 min Scan# 671
Delta R.T. -0.03 min
Lab File: BF080232.D
Acq: 30 Jun 2015 12:43

Instrument :
BNA_F
ClientSampleId :
PB84255BS

Tgt Ion:149 Resp: 200864
Ion Ratio Lower Upper
149 100
177 24.7 17.5 26.3
150 11.7 9.4 14.2

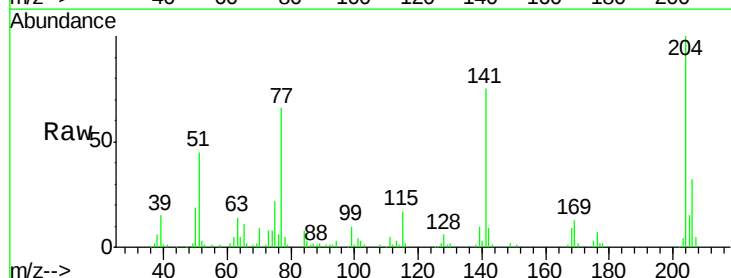


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

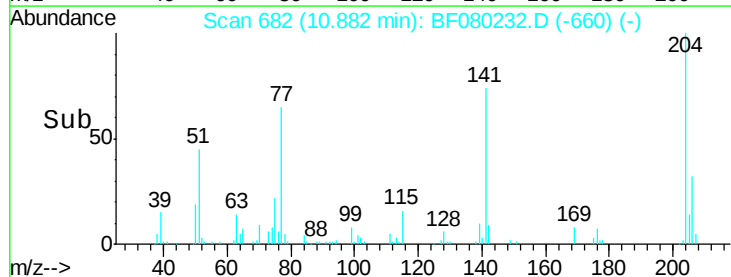
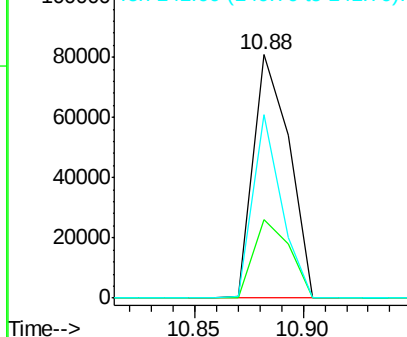


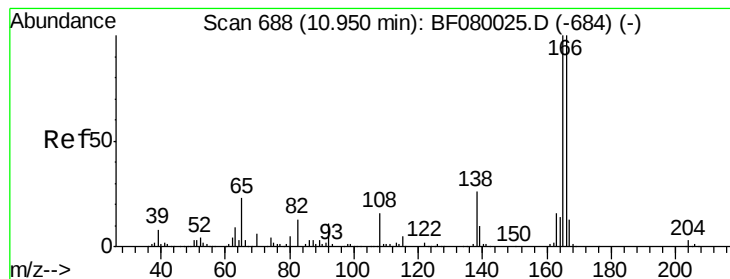
#60
4-Chlorophenyl-phenylether
Concen: 40.51 ng
RT: 10.88 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF080232.D
Acq: 30 Jun 2015 12:43

Tgt Ion:204 Resp: 92978
Ion Ratio Lower Upper
204 100
206 32.2 24.8 37.2
141 75.1 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

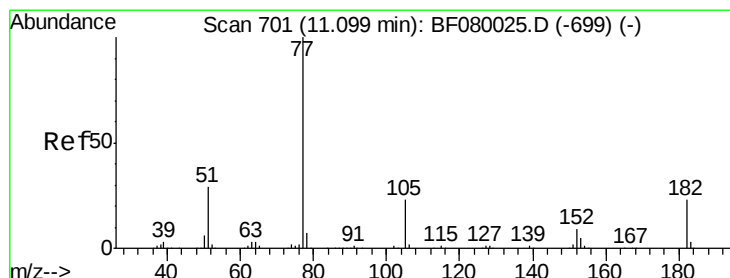
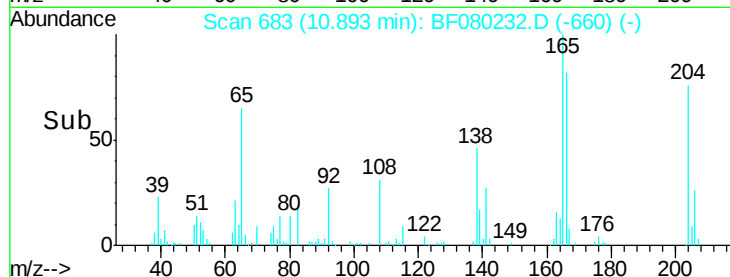
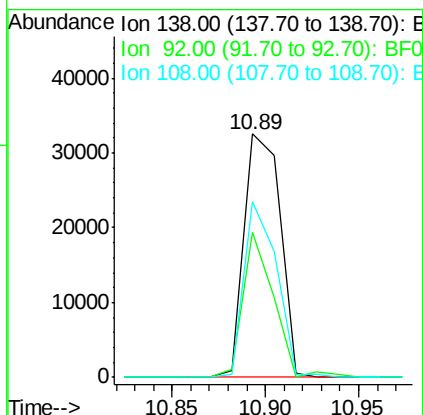
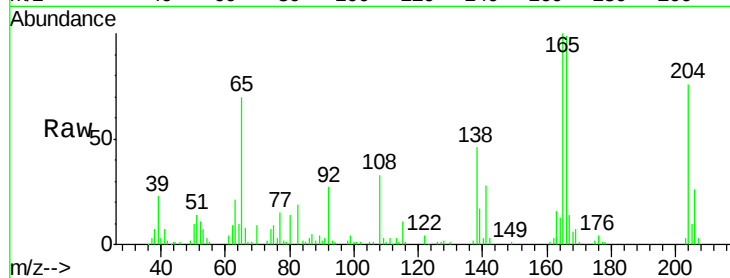




#61
4-Nitroaniline
Concen: 38.56 ng
RT: 10.89 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF080232.D
Acq: 30 Jun 2015 12:43

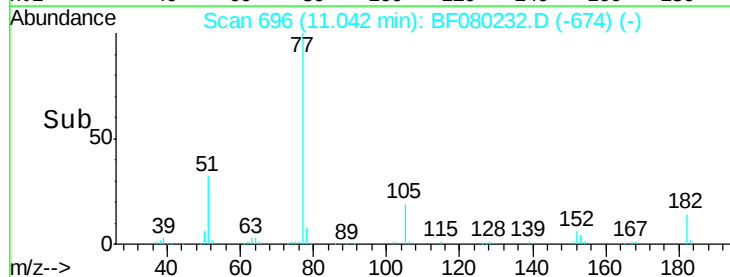
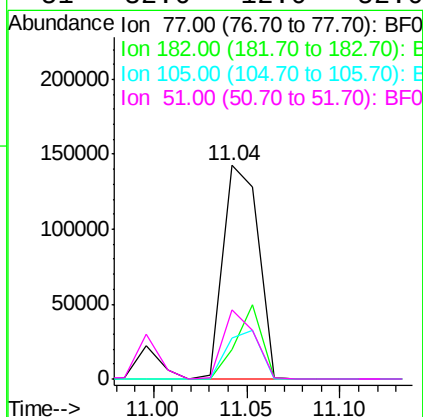
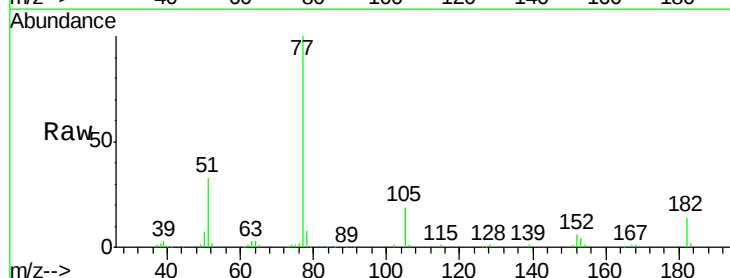
Instrument :
BNA_F
ClientSampleId :
PB84255BS

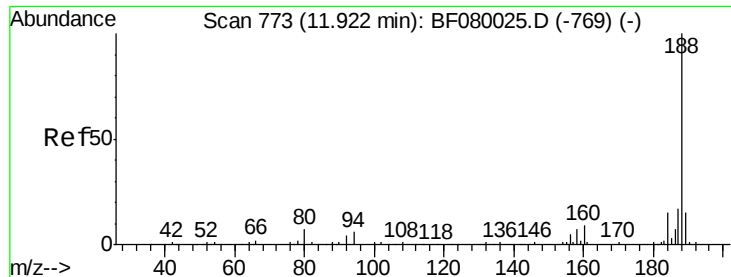
Tgt Ion: 138 Resp: 43573
Ion Ratio Lower Upper
138 100
92 59.5 12.6 52.6#
108 72.2 12.4 52.4#



#62
Azobenzene
Concen: 38.81 ng
RT: 11.04 min Scan# 696
Delta R.T. -0.05 min
Lab File: BF080232.D
Acq: 30 Jun 2015 12:43

Tgt Ion: 77 Resp: 188186
Ion Ratio Lower Upper
77 100
182 13.8 15.1 55.1#
105 18.9 3.4 43.4
51 32.6 12.0 52.0

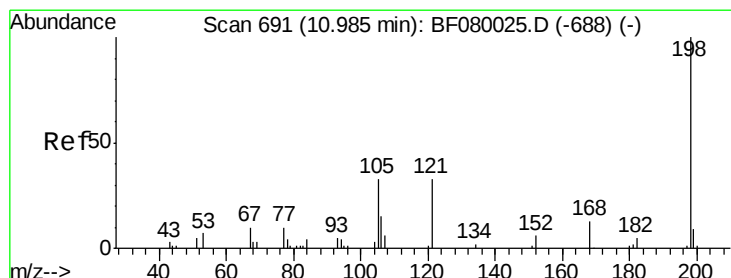
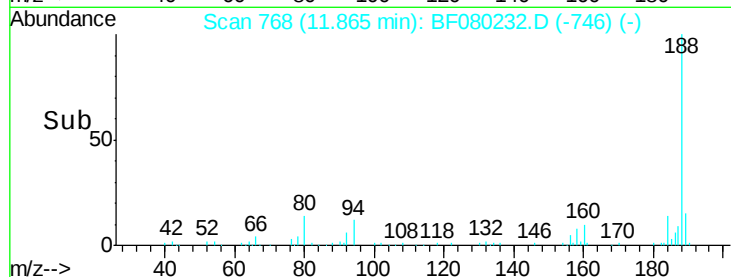
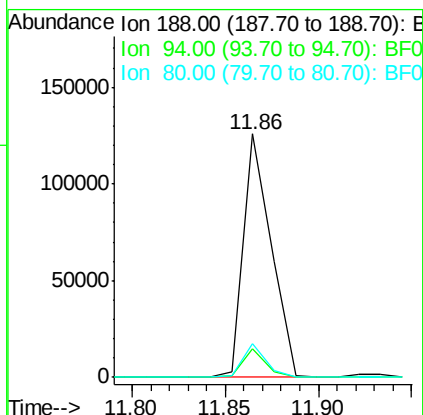
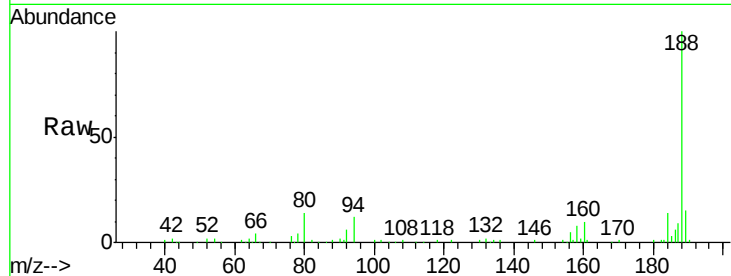




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.86 min Scan# 768
 Delta R.T. -0.05 min
 Lab File: BF080232.D
 Acq: 30 Jun 2015 12:43

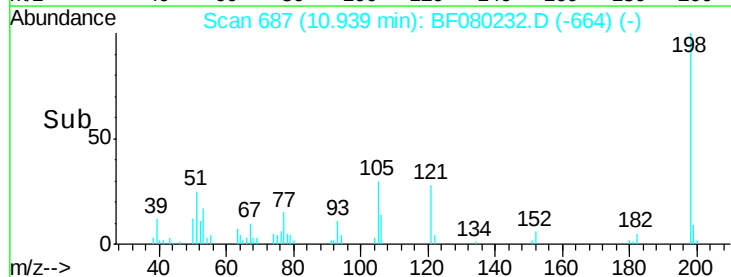
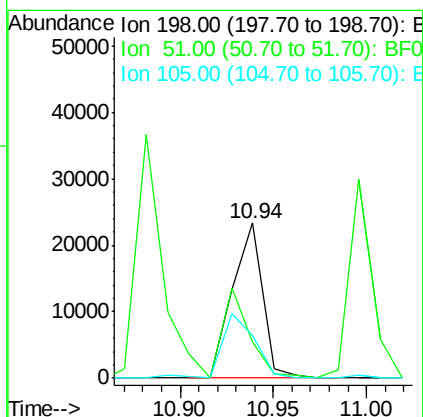
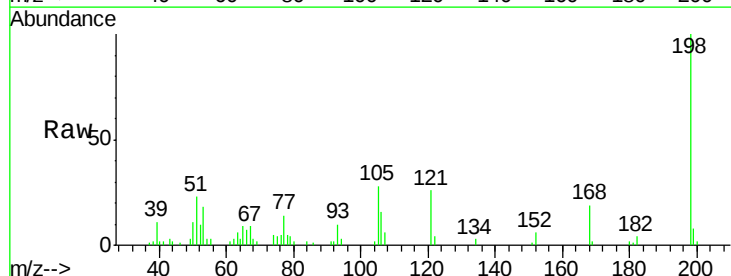
Instrument :
 BNA_F
 ClientSampleId :
 PB84255BS

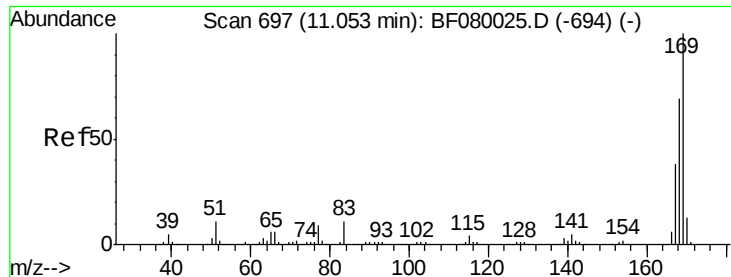
Tgt Ion:188 Resp: 130264
 Ion Ratio Lower Upper
 188 100
 94 11.7 11.1 16.7
 80 13.6 11.0 16.4



#64
 4,6-Dinitro-2-methylphenol
 Concen: 42.23 ng
 RT: 10.94 min Scan# 687
 Delta R.T. -0.03 min
 Lab File: BF080232.D
 Acq: 30 Jun 2015 12:43

Tgt Ion:198 Resp: 26424
 Ion Ratio Lower Upper
 198 100
 51 23.0 39.6 79.6#
 105 27.9 28.5 68.5#





#65

n-Nitrosodiphenylamine

Concen: 39.29 ng

RT: 11.00 min Scan# 692

Delta R.T. -0.03 min

Lab File: BF080232.D

Acq: 30 Jun 2015 12:43

Instrument :

BNA_F

ClientSampleId :

PB84255BS

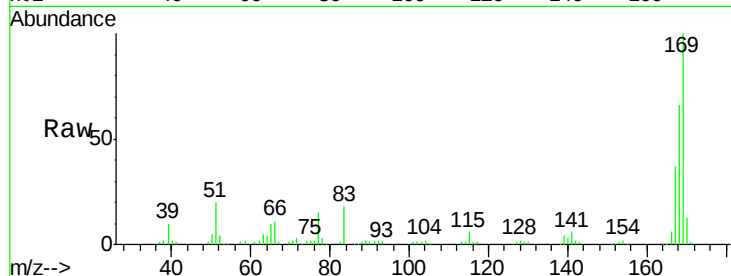
Tgt Ion:169 Resp: 166643

Ion Ratio Lower Upper

169 100

168 65.7 48.9 73.3

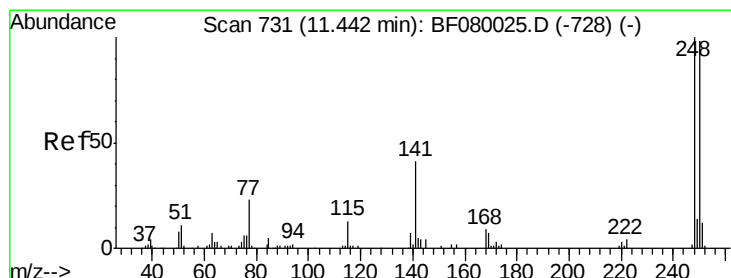
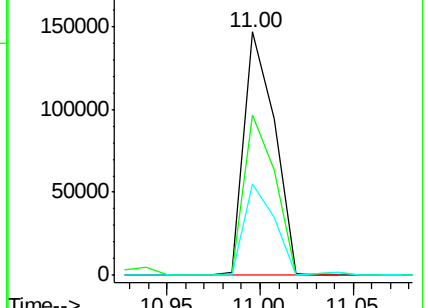
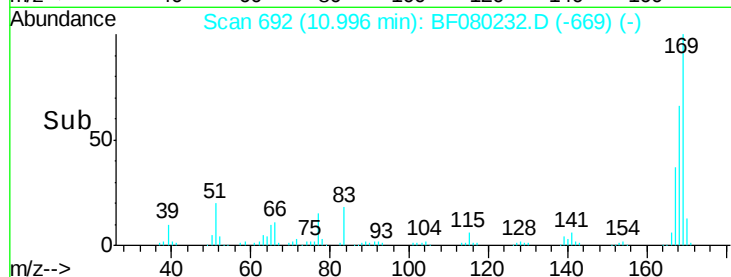
167 37.3 26.2 39.4



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: 41.69 ng

RT: 11.38 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF080232.D

Acq: 30 Jun 2015 12:43

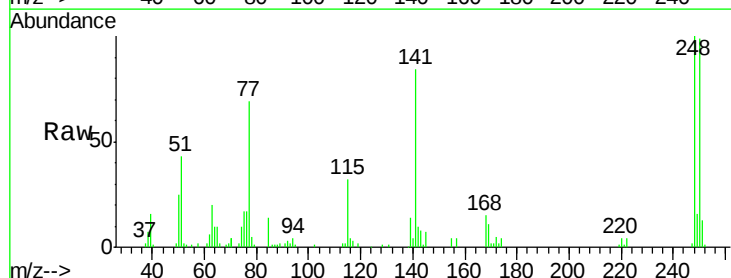
Tgt Ion:248 Resp: 57748

Ion Ratio Lower Upper

248 100

250 99.4 78.5 117.7

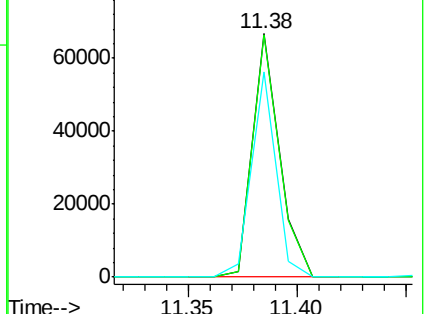
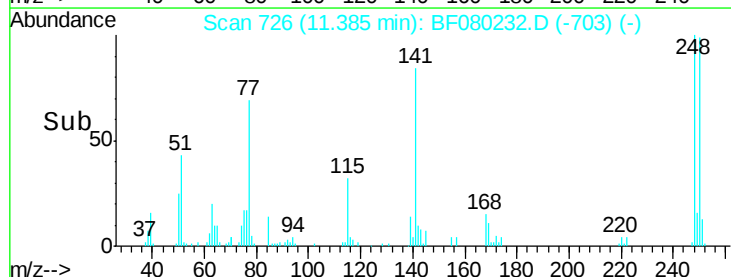
141 84.3 59.0 88.6

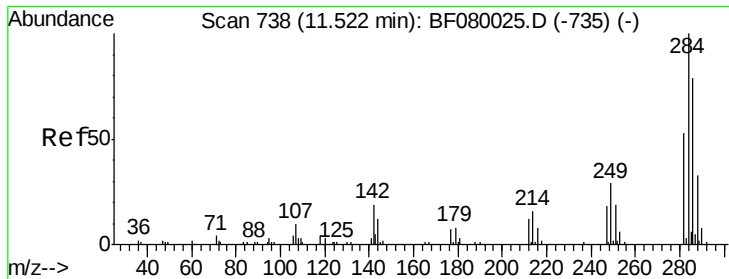


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.54 ng

RT: 11.46 min Scan# 733

Delta R.T. -0.05 min

Lab File: BF080232.D

Acq: 30 Jun 2015 12:43

Instrument :

BNA_F

ClientSampleId :

PB84255BS

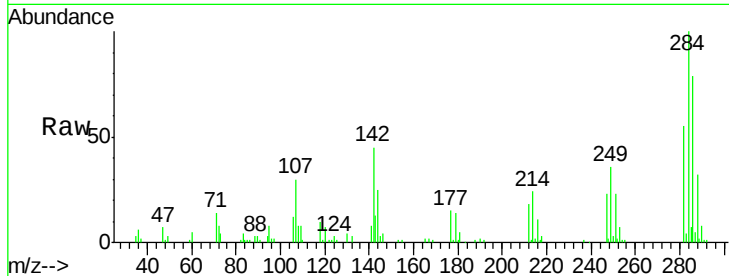
Tgt Ion:284 Resp: 60864

Ion Ratio Lower Upper

284 100

142 45.2 29.5 44.3#

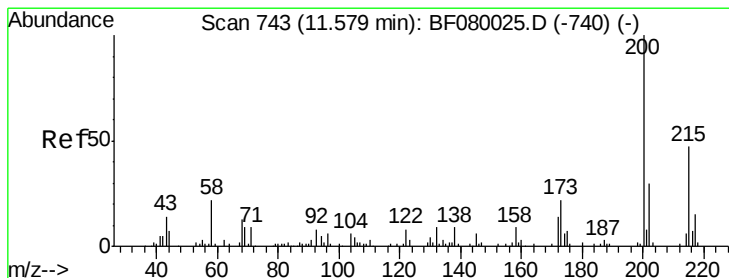
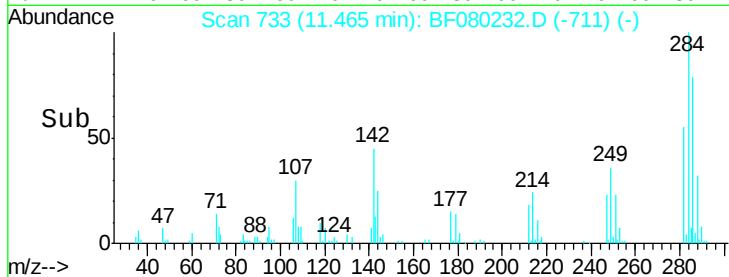
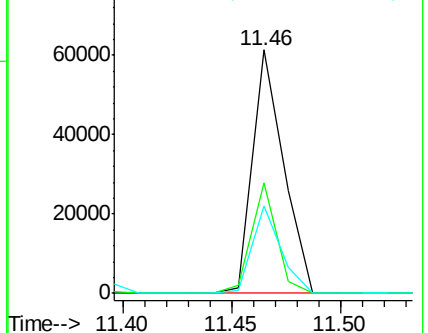
249 36.1 19.5 29.3#



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: 39.27 ng

RT: 11.53 min Scan# 739

Delta R.T. -0.03 min

Lab File: BF080232.D

Acq: 30 Jun 2015 12:43

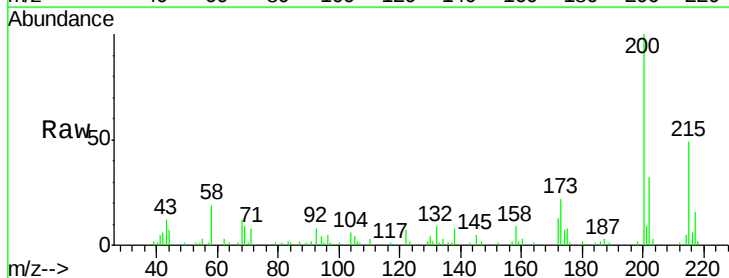
Tgt Ion:200 Resp: 52629

Ion Ratio Lower Upper

200 100

173 22.0 13.2 53.2

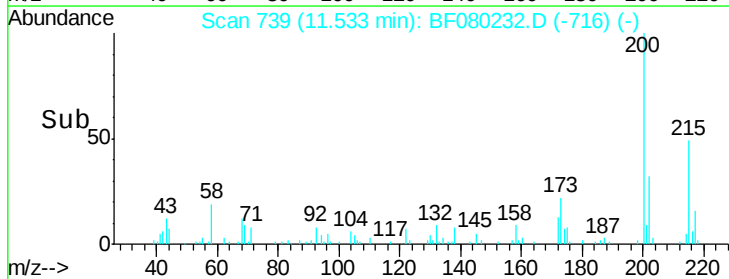
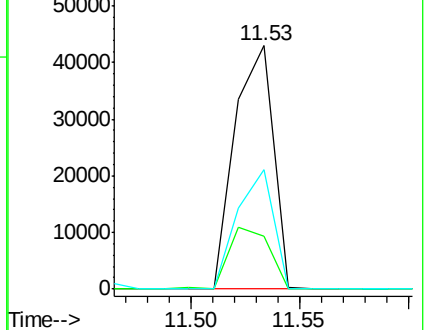
215 49.0 41.8 81.8

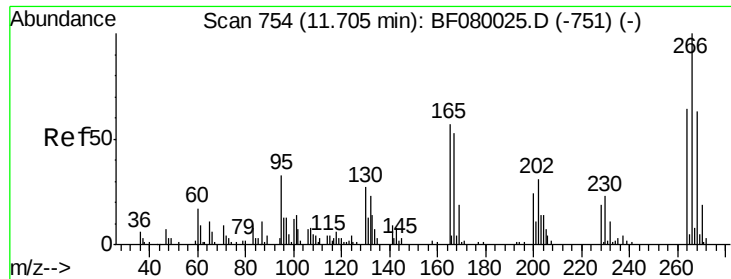


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

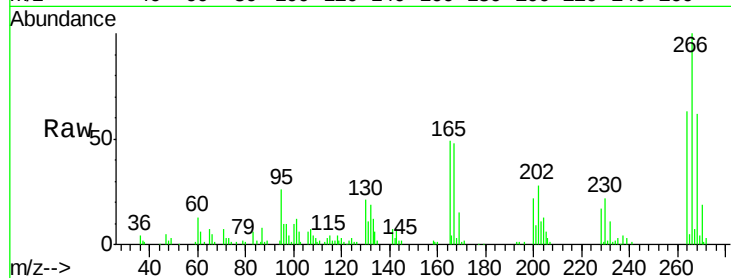




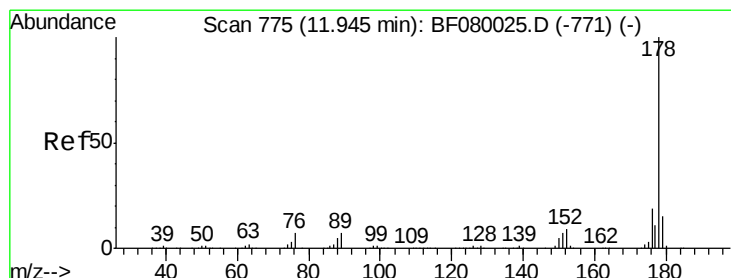
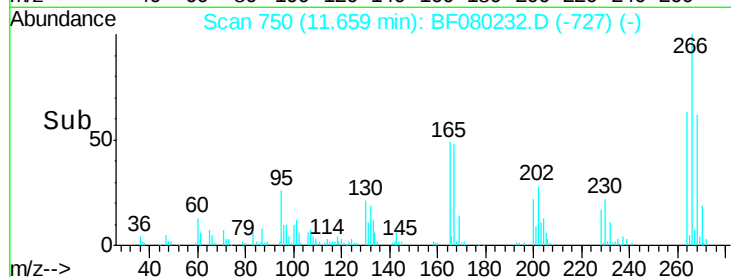
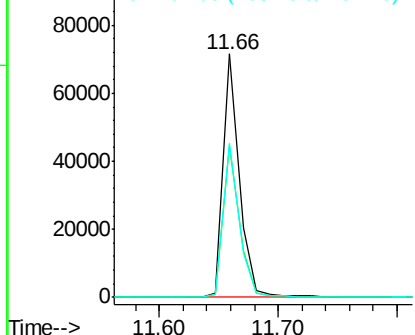
#69
 Pentachlorophenol
 Concen: 76.58 ng
 RT: 11.66 min Scan# 750
 Delta R.T. -0.03 min
 Lab File: BF080232.D
 Acq: 30 Jun 2015 12:43

Instrument :
 BNA_F
 ClientSampleId :
 PB84255BS

Tgt Ion:266 Resp: 66803
 Ion Ratio Lower Upper
 266 100
 268 62.4 49.8 74.6
 264 63.2 50.2 75.2

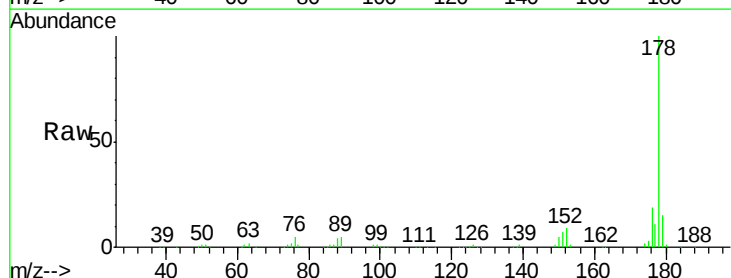


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

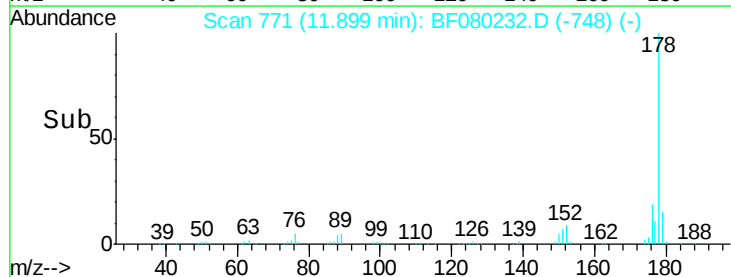
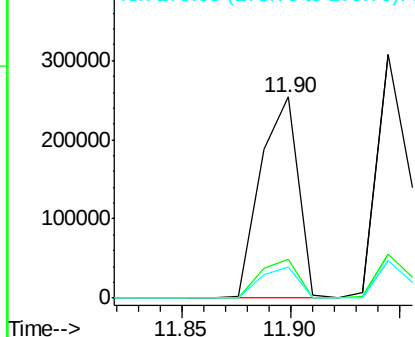


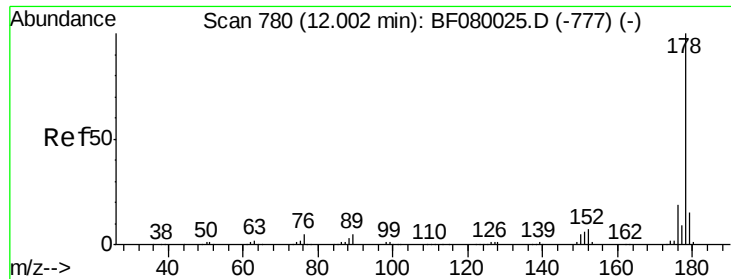
#70
 Phenanthrene
 Concen: 39.03 ng
 RT: 11.90 min Scan# 771
 Delta R.T. -0.03 min
 Lab File: BF080232.D
 Acq: 30 Jun 2015 12:43

Tgt Ion:178 Resp: 307816
 Ion Ratio Lower Upper
 178 100
 176 19.1 13.8 20.8
 179 15.3 12.2 18.2



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

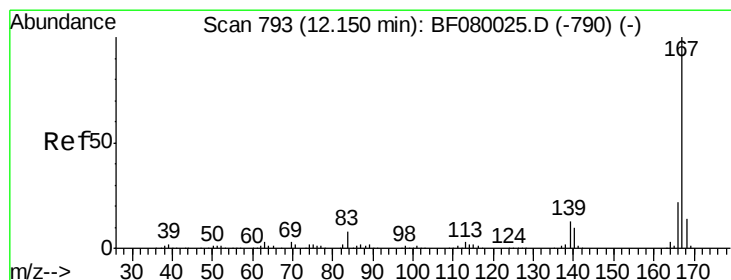
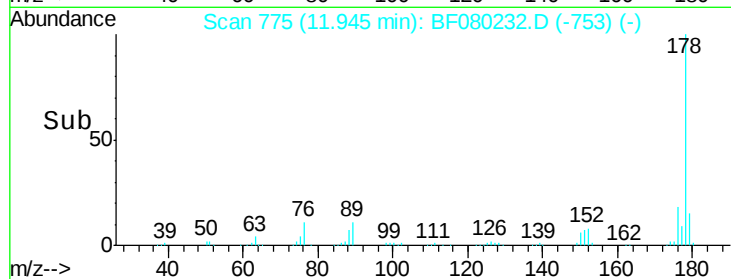
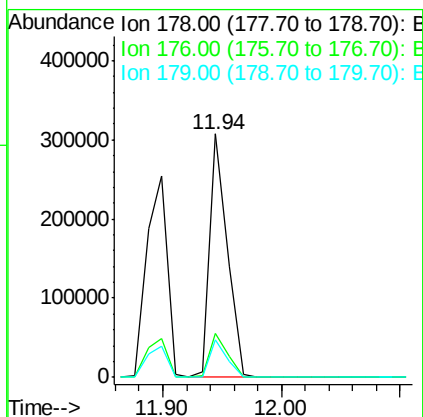
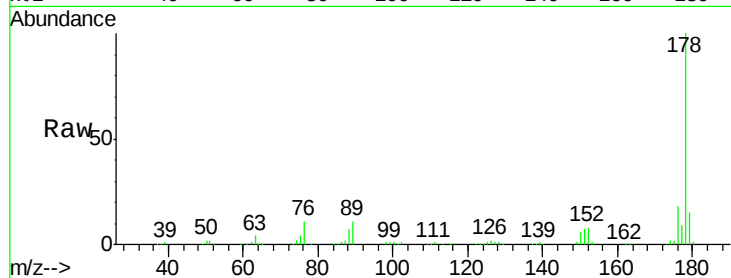




#71
 Anthracene
 Concen: 41.62 ng
 RT: 11.94 min Scan# 775
 Delta R.T. -0.05 min
 Lab File: BF080232.D
 Acq: 30 Jun 2015 12:43

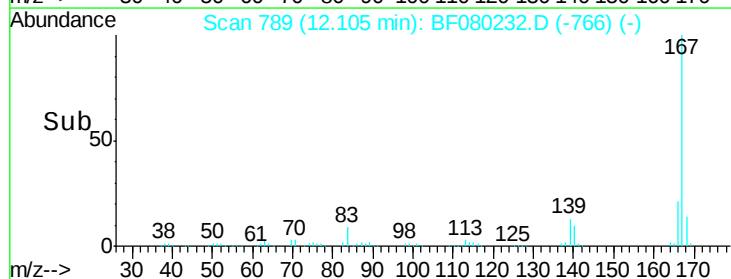
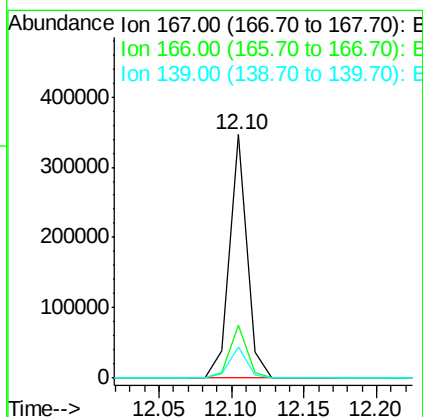
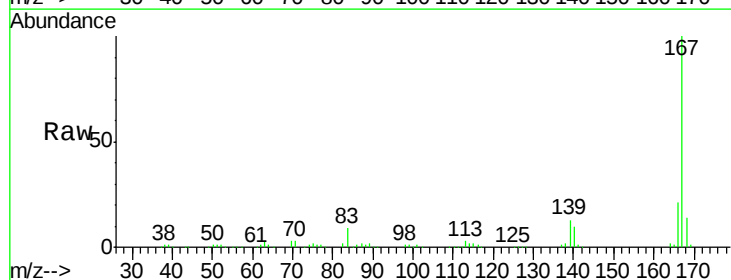
Instrument :
 BNA_F
 ClientSampleId :
 PB84255BS

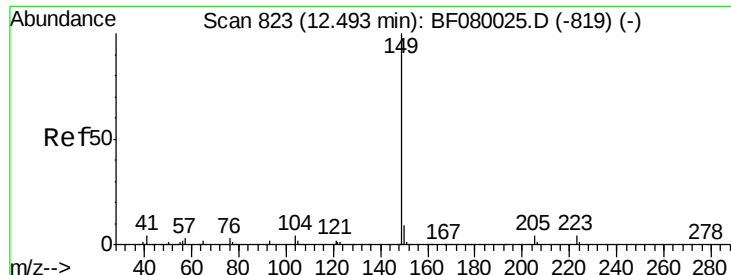
Tgt Ion:178 Resp: 316059
 Ion Ratio Lower Upper
 178 100
 176 18.3 14.1 21.1
 179 15.2 12.2 18.2



#72
 Carbazole
 Concen: 39.96 ng
 RT: 12.10 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF080232.D
 Acq: 30 Jun 2015 12:43

Tgt Ion:167 Resp: 289675
 Ion Ratio Lower Upper
 167 100
 166 21.5 15.7 23.5
 139 12.8 9.5 14.3





#73

Di-n-butylphthalate

Concen: 40.35 ng

RT: 12.45 min Scan# 819

Delta R.T. -0.03 min

Lab File: BF080232.D

Acq: 30 Jun 2015 12:43

Instrument :

BNA_F

ClientSampleId :

PB84255BS

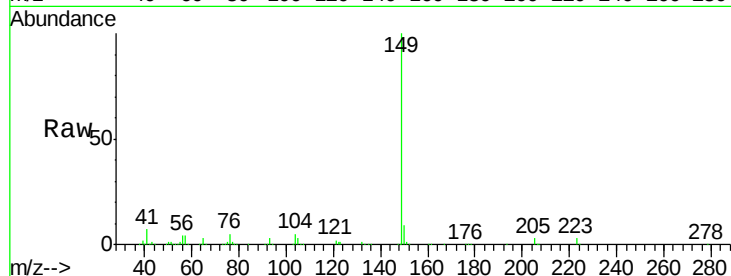
Tgt Ion:149 Resp: 338008

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

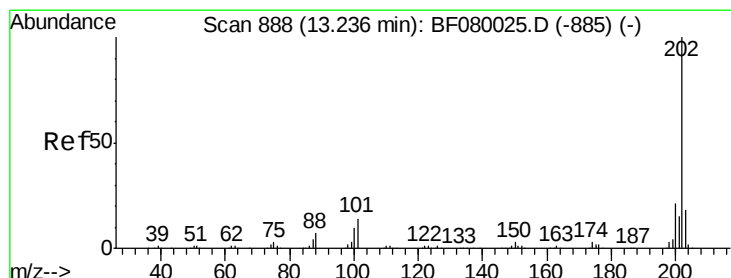
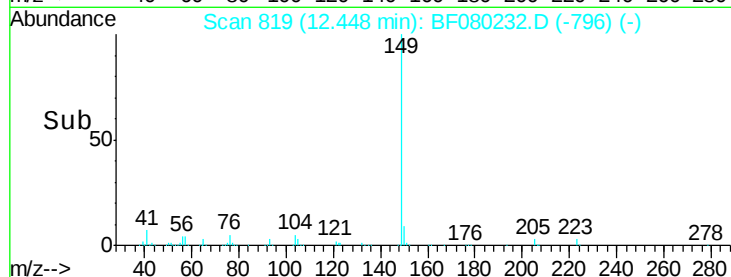
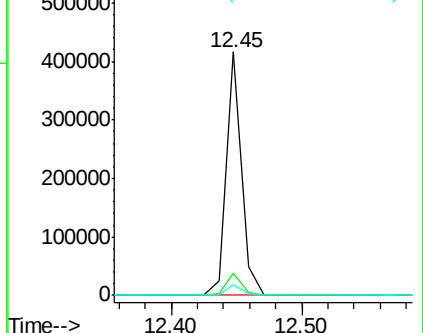
104 4.5 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.35 ng

RT: 13.21 min Scan# 886

Delta R.T. -0.03 min

Lab File: BF080232.D

Acq: 30 Jun 2015 12:43

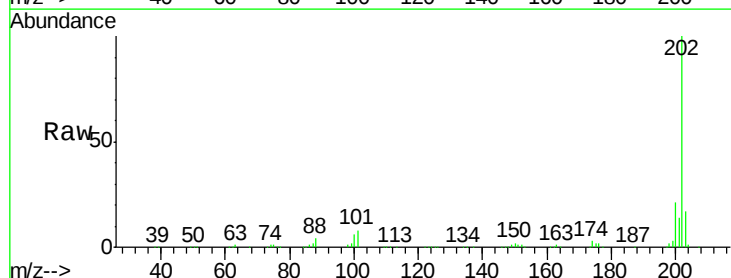
Tgt Ion:202 Resp: 338895

Ion Ratio Lower Upper

202 100

101 8.2 0.0 38.3

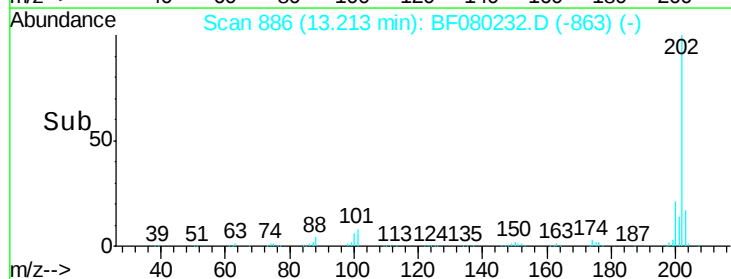
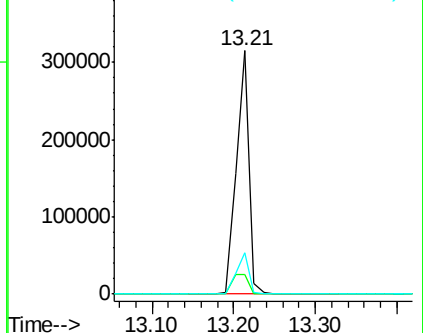
203 17.1 0.0 37.3

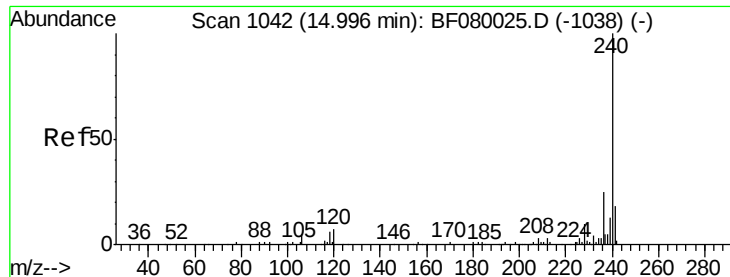


Abundance Ion 202.00 (201.70 to 202.70): E

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: 15.01 min Scan# 1043

Delta R.T. 0.01 min

Lab File: BF080232.D

Acq: 30 Jun 2015 12:43

Instrument :

BNA_F

ClientSampleId :

PB84255BS

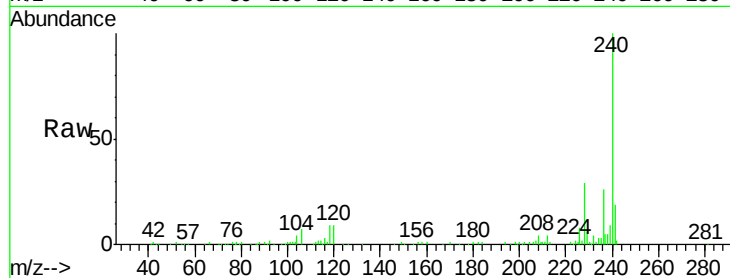
Tgt Ion:240 Resp: 138513

Ion Ratio Lower Upper

240 100

120 9.4 16.2 24.2#

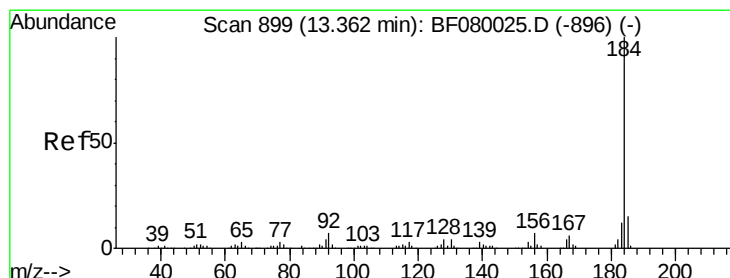
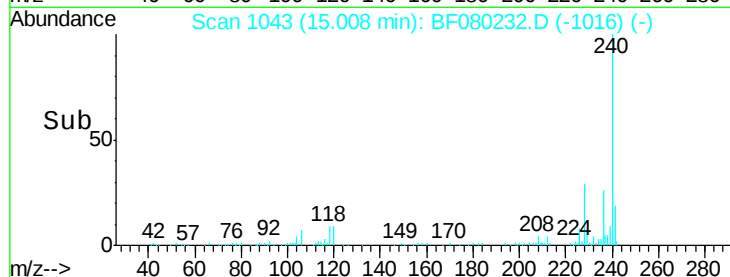
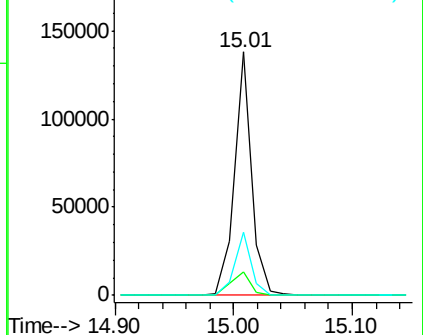
236 25.7 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 47.02 ng

RT: 13.34 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF080232.D

Acq: 30 Jun 2015 12:43

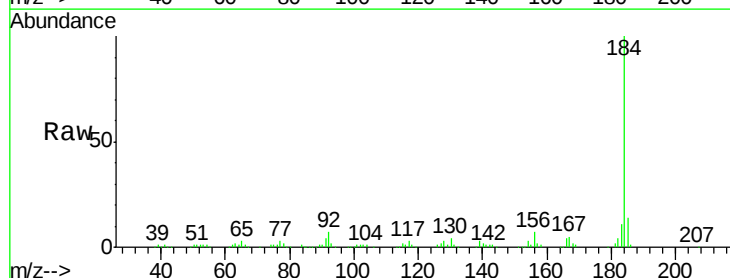
Tgt Ion:184 Resp: 182047

Ion Ratio Lower Upper

184 100

185 14.0 11.8 17.6

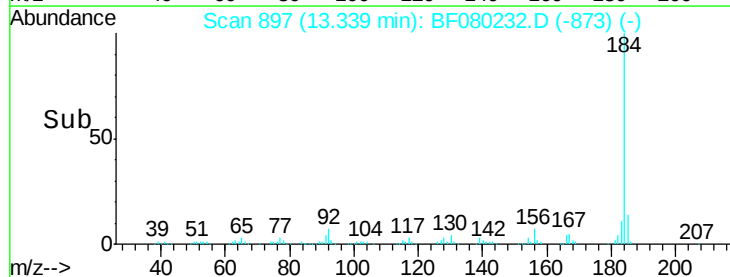
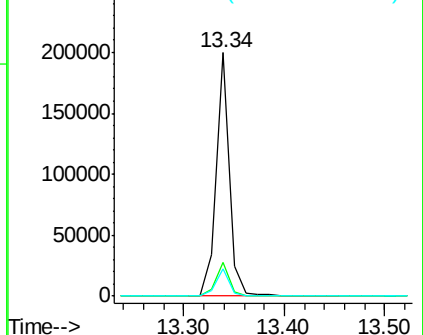
183 11.4 7.6 11.4

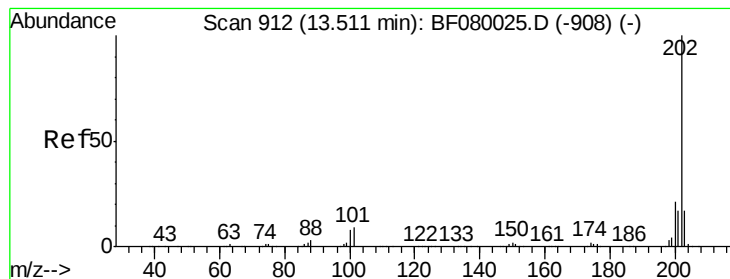


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 41.02 ng

RT: 13.48 min Scan# 909

Delta R.T. -0.03 min

Lab File: BF080232.D

Acq: 30 Jun 2015 12:43

Instrument :

BNA_F

ClientSampleId :

PB84255BS

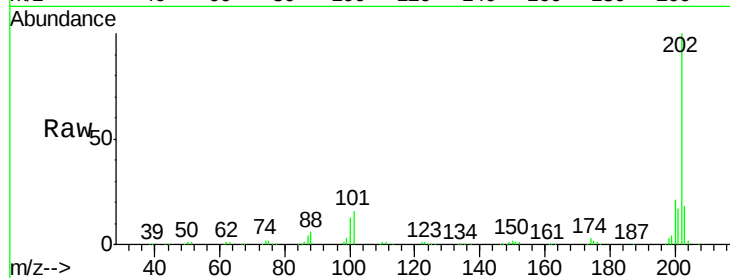
Tgt Ion: 202 Resp: 349825

Ion Ratio Lower Upper

202 100

200 21.2 15.0 22.4

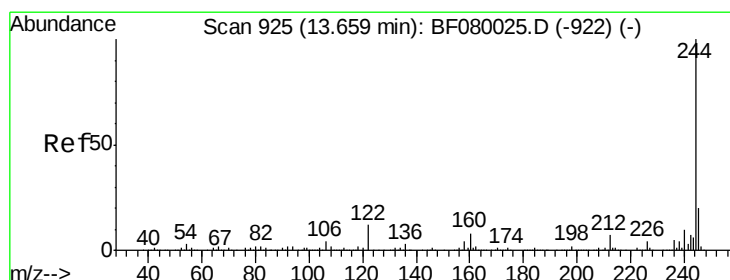
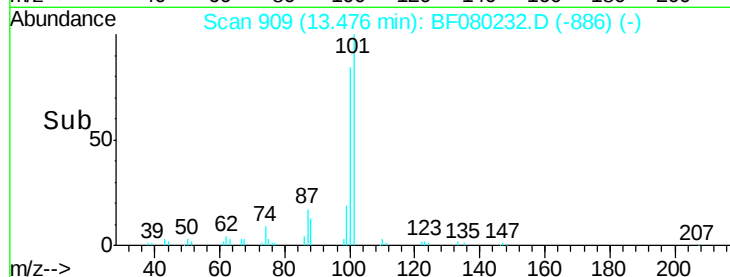
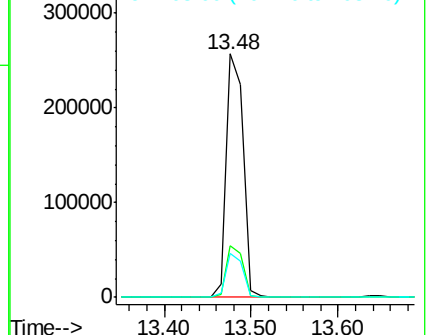
203 17.8 14.1 21.1



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: 84.80 ng

RT: 13.65 min Scan# 924

Delta R.T. -0.02 min

Lab File: BF080232.D

Acq: 30 Jun 2015 12:43

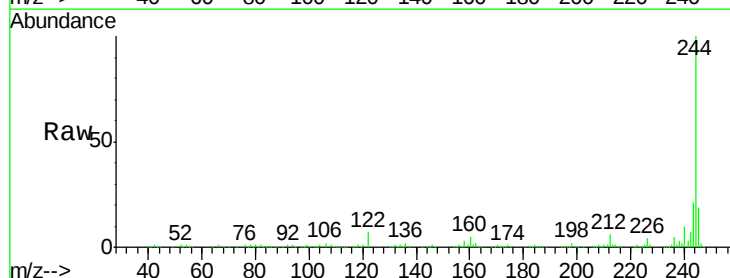
Tgt Ion: 244 Resp: 502919

Ion Ratio Lower Upper

244 100

212 6.3 4.3 6.5

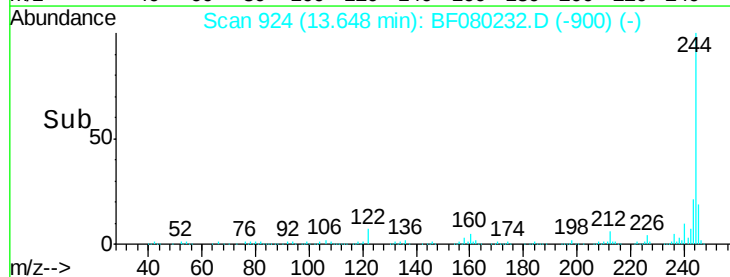
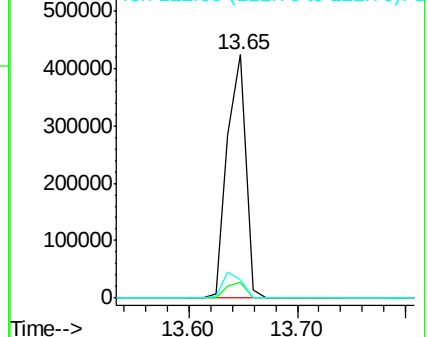
122 7.4 17.4 26.2#

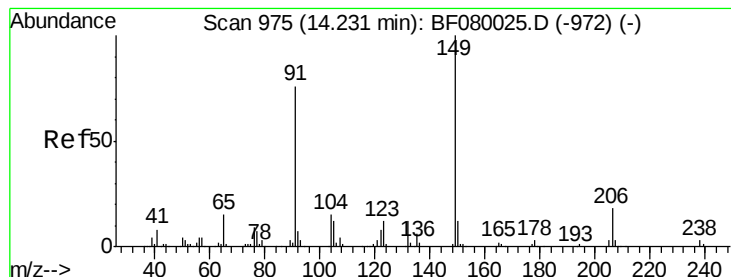


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 40.43 ng

RT: 14.23 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF080232.D

Acq: 30 Jun 2015 12:43

Instrument :

BNA_F

ClientSampleId :

PB84255BS

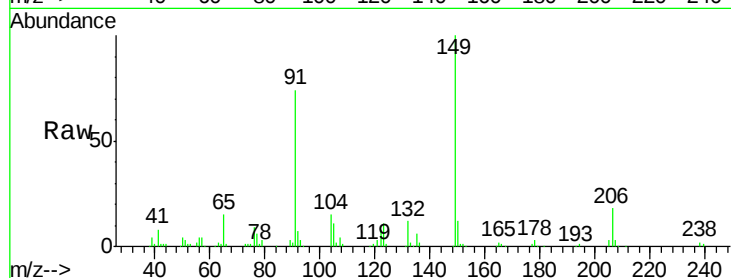
Tgt Ion:149 Resp: 138453

Ion Ratio Lower Upper

149 100

91 74.5 48.6 72.8#

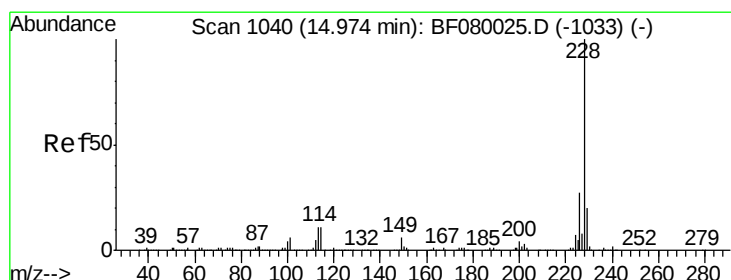
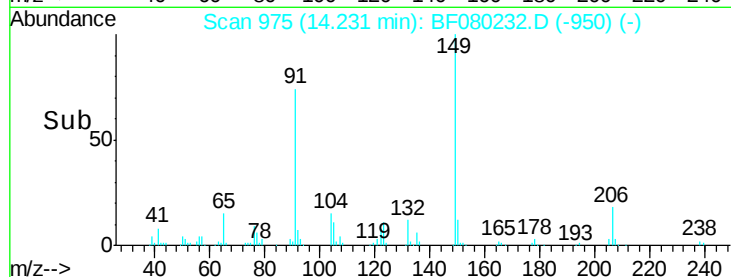
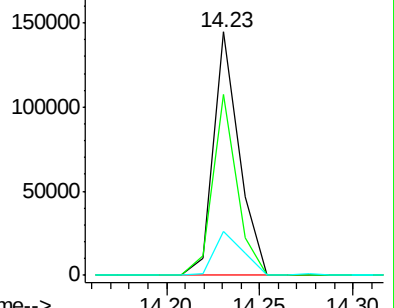
206 17.9 14.9 22.3



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: 39.23 ng

RT: 15.00 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BF080232.D

Acq: 30 Jun 2015 12:43

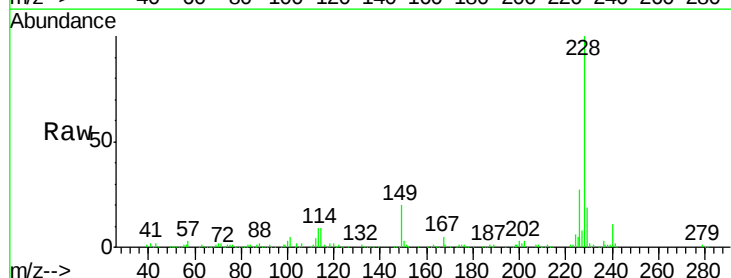
Tgt Ion:228 Resp: 331066

Ion Ratio Lower Upper

228 100

226 27.4 20.0 30.0

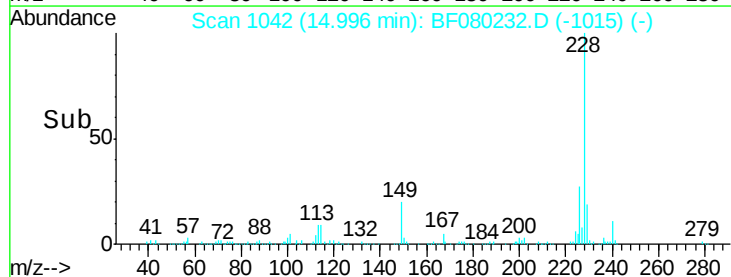
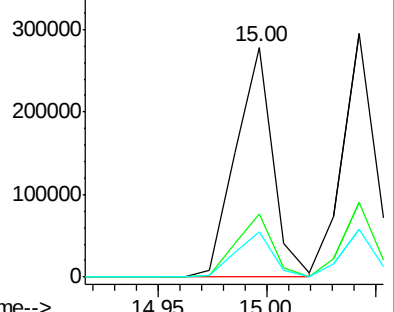
229 19.5 15.4 23.2

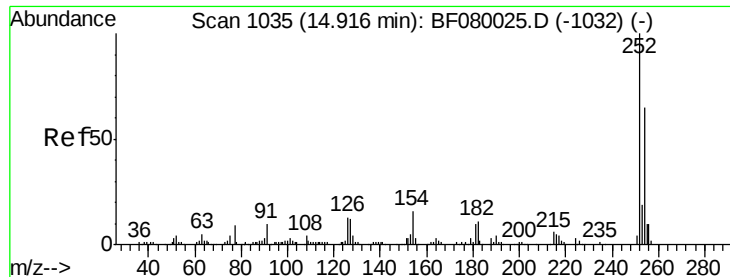


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

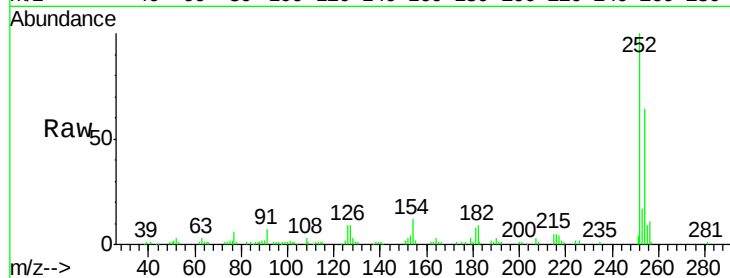




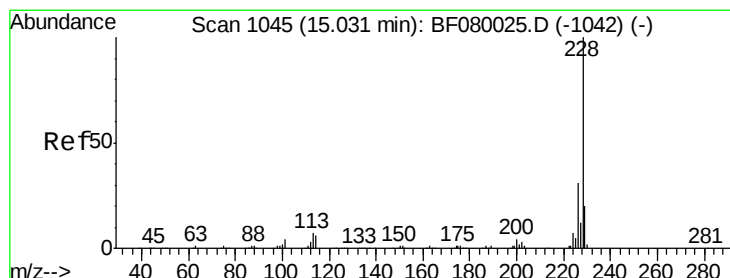
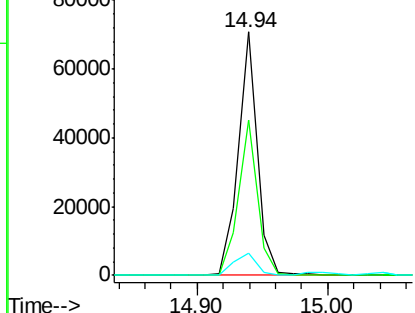
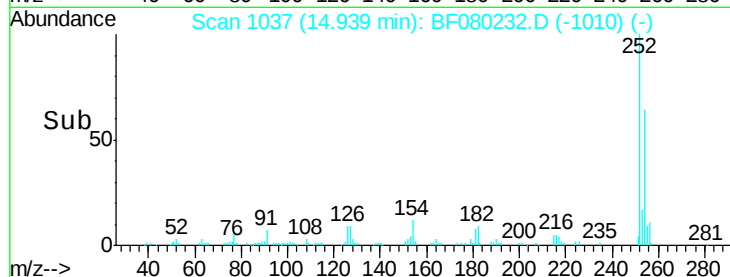
#81
 3,3'-Dichlorobenzidine
 Concen: 24.46 ng
 RT: 14.94 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: BF080232.D
 Acq: 30 Jun 2015 12:43

Instrument :
 BNA_F
 ClientSampleId :
 PB84255BS

Tgt Ion: 252 Resp: 71191
 Ion Ratio Lower Upper
 252 100
 254 63.9 51.4 77.2
 126 9.4 16.4 24.6#

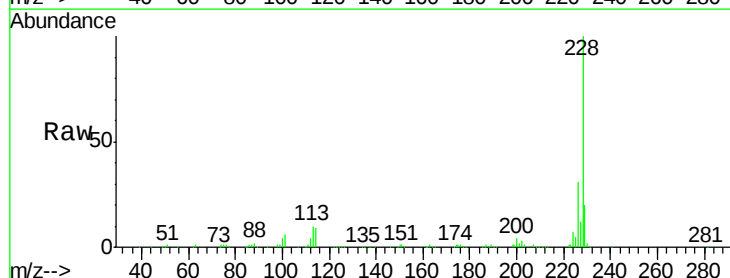


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

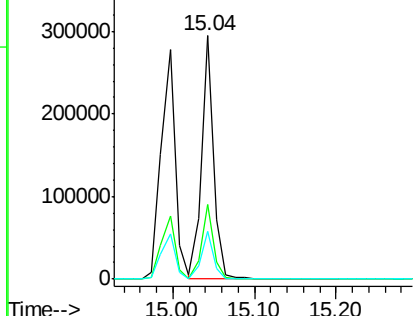
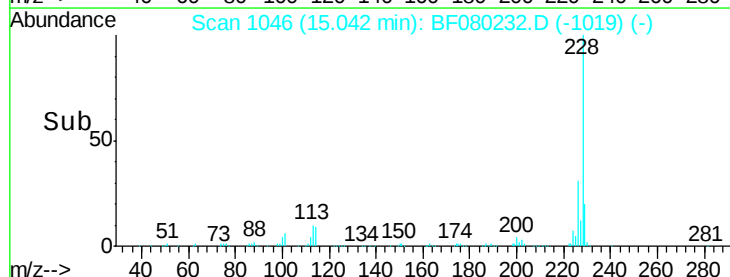


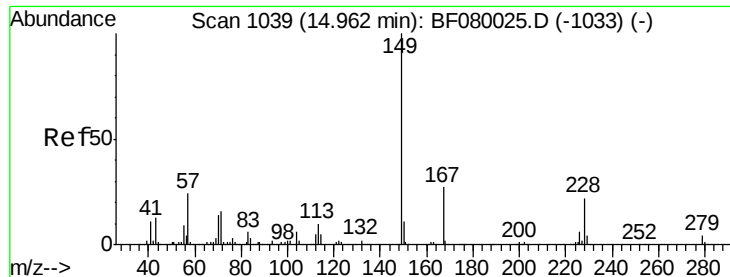
#82
 Chrysene
 Concen: 39.96 ng
 RT: 15.04 min Scan# 1046
 Delta R.T. 0.01 min
 Lab File: BF080232.D
 Acq: 30 Jun 2015 12:43

Tgt Ion: 228 Resp: 310933
 Ion Ratio Lower Upper
 228 100
 226 30.7 21.0 31.4
 229 19.8 15.6 23.4



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

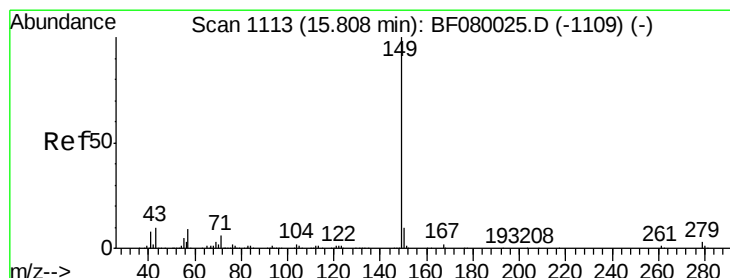
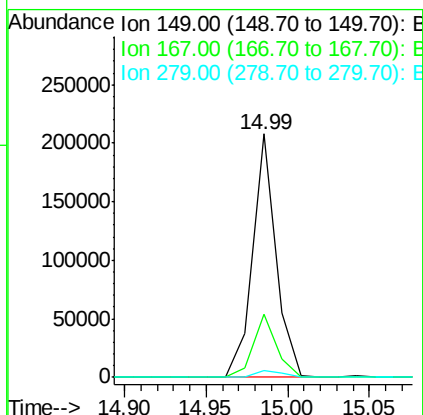
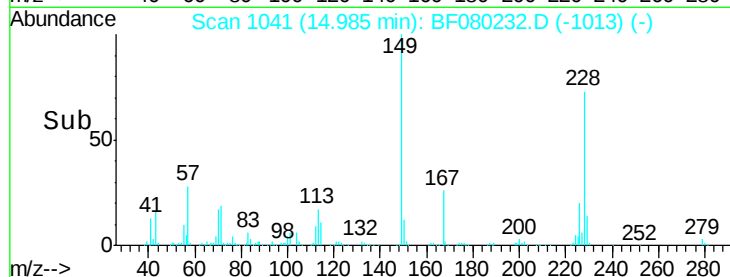
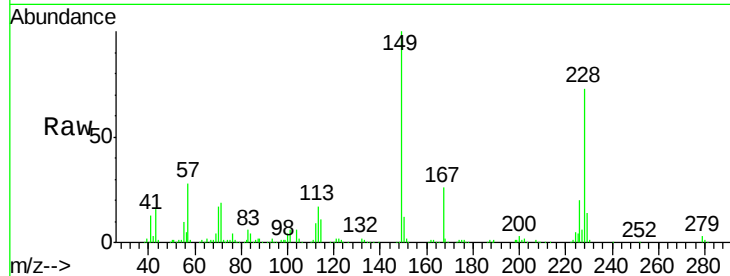




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.37 ng
 RT: 14.99 min Scan# 1041
 Delta R.T. 0.02 min
 Lab File: BF080232.D
 Acq: 30 Jun 2015 12:43

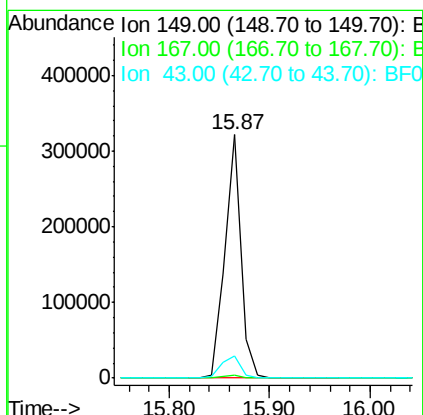
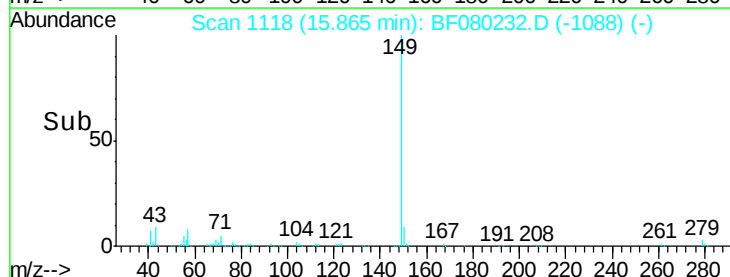
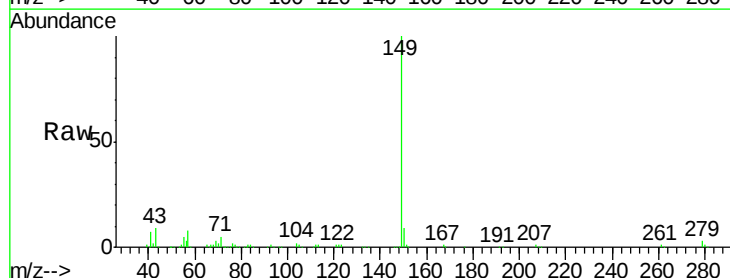
Instrument :
 BNA_F
 ClientSampleId :
 PB84255BS

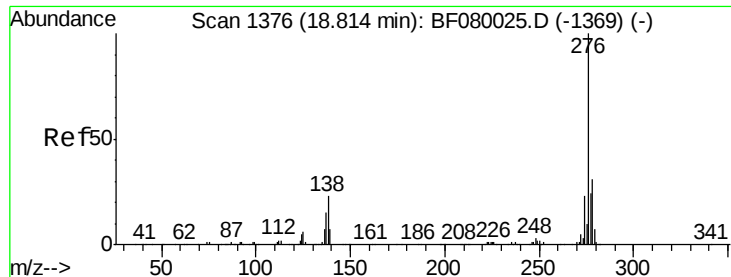
Tgt Ion:149 Resp: 207687
 Ion Ratio Lower Upper
 149 100
 167 26.0 24.2 36.2
 279 2.9 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 38.50 ng
 RT: 15.87 min Scan# 1118
 Delta R.T. 0.05 min
 Lab File: BF080232.D
 Acq: 30 Jun 2015 12:43

Tgt Ion:149 Resp: 357092
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.0 1.6
 43 10.4 10.2 15.2

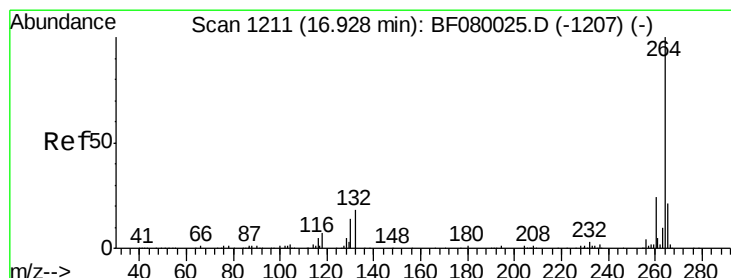
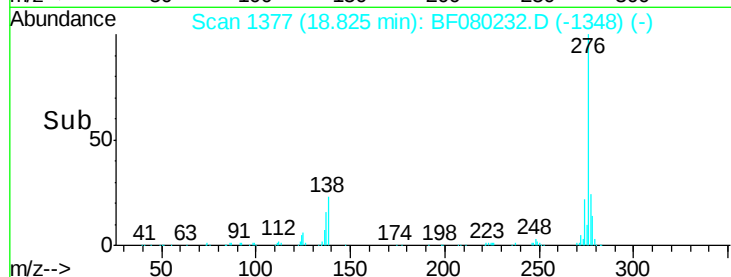
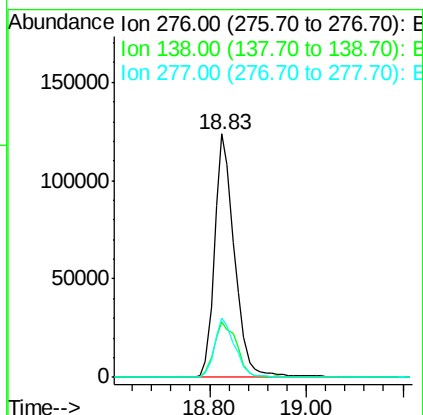
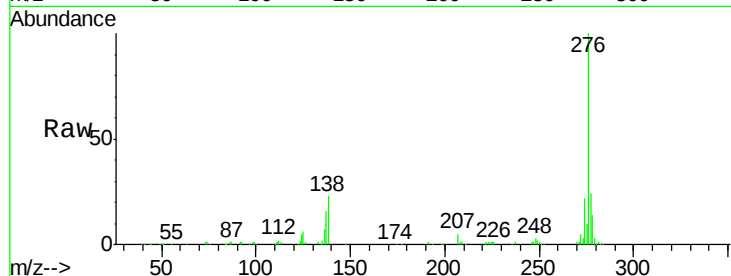




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.69 ng
 RT: 18.83 min Scan# 1377
 Delta R.T. 0.03 min
 Lab File: BF080232.D
 Acq: 30 Jun 2015 12:43

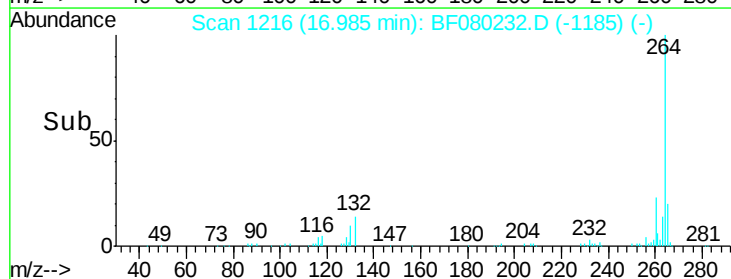
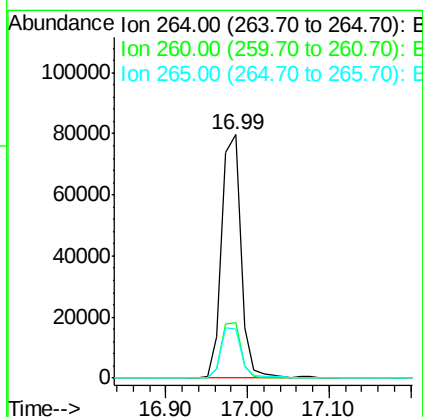
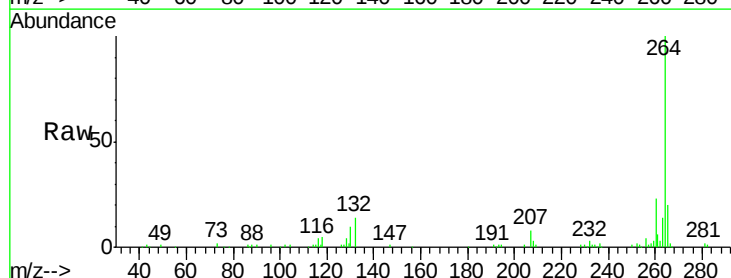
Instrument :
 BNA_F
 ClientSampleId :
 PB84255BS

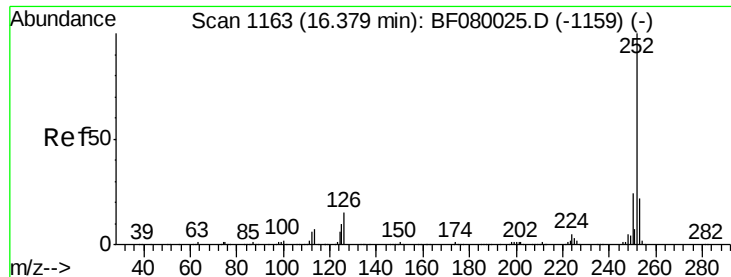
Tgt Ion: 276 Resp: 360027
 Ion Ratio Lower Upper
 276 100
 138 25.8 25.7 38.5
 277 24.5 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.99 min Scan# 1216
 Delta R.T. 0.06 min
 Lab File: BF080232.D
 Acq: 30 Jun 2015 12:43

Tgt Ion: 264 Resp: 131213
 Ion Ratio Lower Upper
 264 100
 260 22.7 16.7 25.1
 265 20.3 17.2 25.8

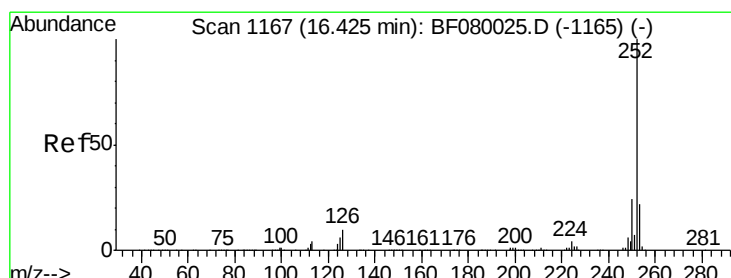
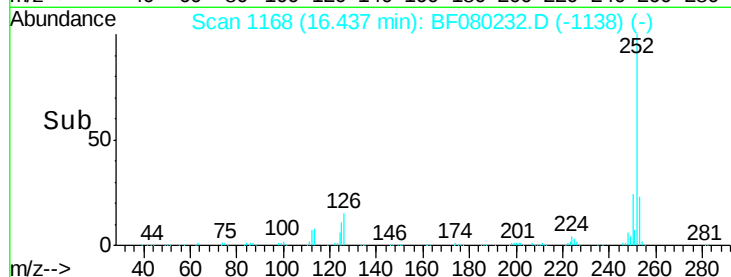
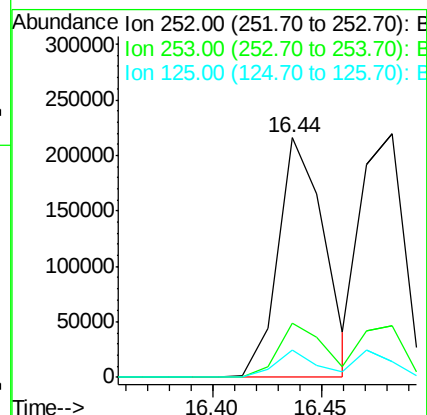
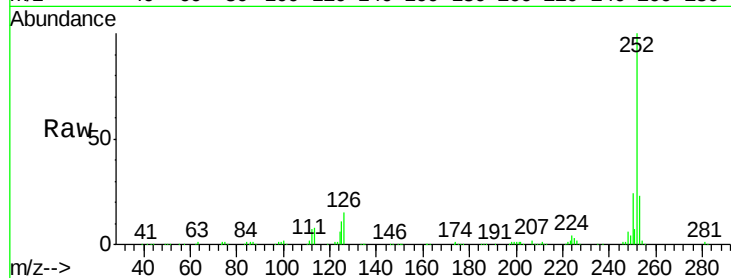




#87
Benzo(b)fluoranthene
Concen: 40.33 ng
RT: 16.44 min Scan# 1168
Delta R.T. 0.05 min
Lab File: BF080232.D
Acq: 30 Jun 2015 12:43

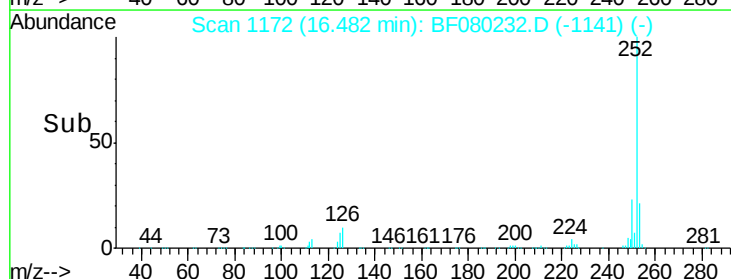
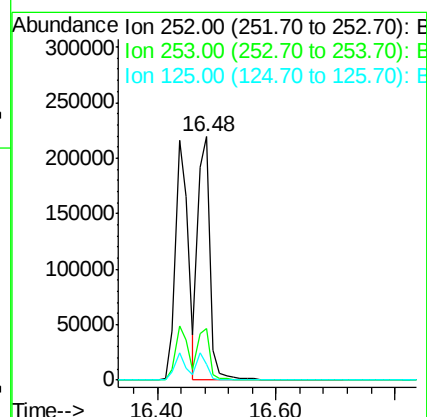
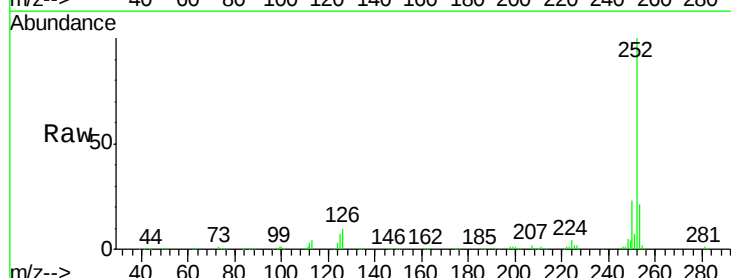
Instrument :
BNA_F
ClientSampleId :
PB84255BS

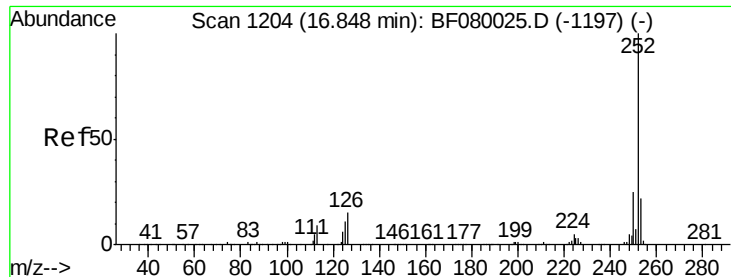
Tgt Ion:252 Resp: 320425
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 11.4 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 39.18 ng
RT: 16.48 min Scan# 1172
Delta R.T. 0.06 min
Lab File: BF080232.D
Acq: 30 Jun 2015 12:43

Tgt Ion:252 Resp: 316950
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.4
125 6.7 16.0 24.0#

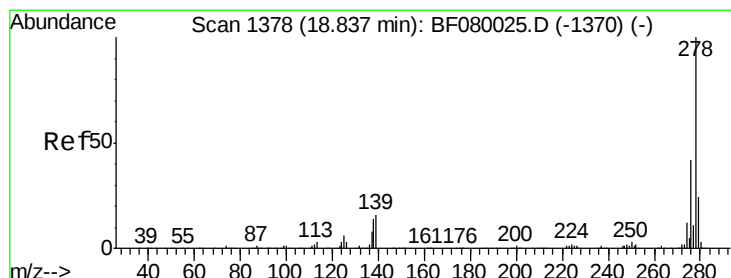
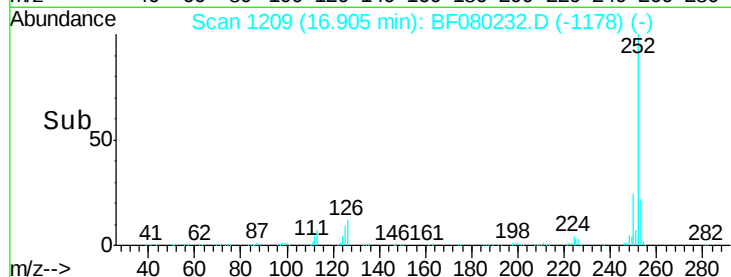
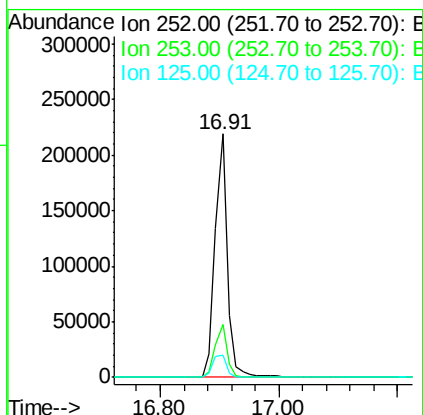
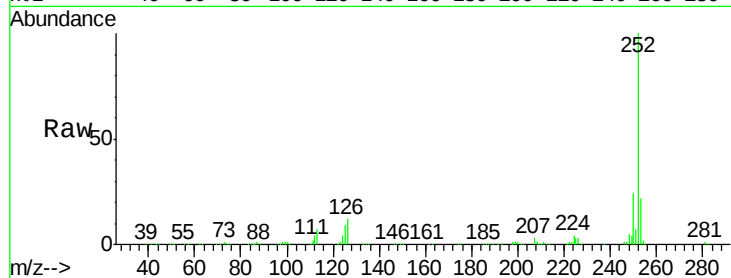




#89
Benzo(a)pyrene
Concen: 41.80 ng
RT: 16.91 min Scan# 1209
Delta R.T. 0.06 min
Lab File: BF080232.D
Acq: 30 Jun 2015 12:43

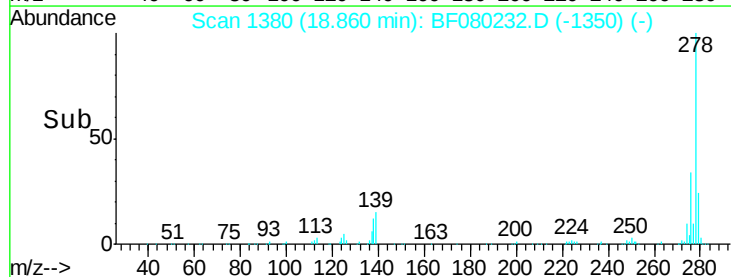
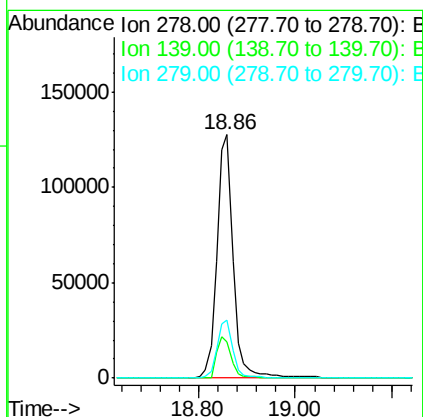
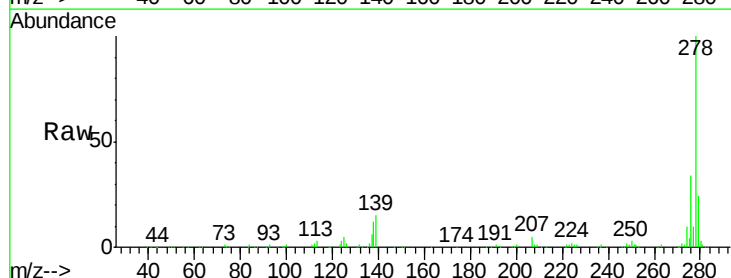
Instrument :
BNA_F
ClientSampleId :
PB84255BS

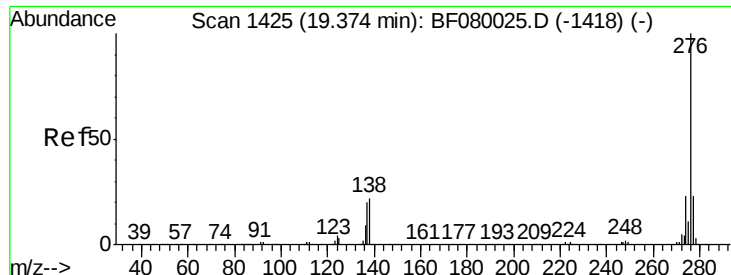
Tgt Ion: 252 Resp: 315364
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 8.9 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 39.15 ng
RT: 18.86 min Scan# 1380
Delta R.T. 0.05 min
Lab File: BF080232.D
Acq: 30 Jun 2015 12:43

Tgt Ion: 278 Resp: 302287
Ion Ratio Lower Upper
278 100
139 14.9 26.3 39.5#
279 24.0 18.2 27.4





#91

Benzo(g,h,i)perylene

Concen: 38.96 ng

RT: 19.39 min Scan# 1426

Delta R.T. 0.03 min

Lab File: BF080232.D

Acq: 30 Jun 2015 12:43

Instrument :

BNA_F

ClientSampleId :

PB84255BS

Tgt Ion: 276 Resp: 303733

Ion Ratio Lower Upper

276 100

277 23.5 17.8 26.6

138 21.1 34.6 51.8#

