

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081315\
 Data File : BF080986.D
 Acq On : 13 Aug 2015 18:03
 Operator : UM/IZ
 Sample : G3238-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-A(2)MS

Quant Time: Aug 14 00:38:23 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	42251	20.00	ng	-0.06
21) Naphthalene-d8	8.04	136	154758	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	72549	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	109005	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	122377	20.00	ng	-0.07
86) Perylene-d12	15.28	264	57815	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	128429	49.66	ng	-0.05
7) Phenol-d6	6.38	99	114047	32.18	ng	-0.06
23) Nitrobenzene-d5	7.32	82	287663	87.92	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	51533	64.66	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	324623	62.99	ng	-0.06
78) Terphenyl-d14	12.85	244	361419	61.00	ng	-0.06

Target Compounds						Qvalue
2) 1,4-Dioxane	2.32	88	14676	11.97	ng	# 76
3) Pyridine	3.01	79	45305	13.03	ng	# 85
4) n-Nitrosodimethylamine	2.93	42	34817	19.61	ng	# 75
6) Aniline	6.41	93	76787	14.75	ng	# 88
8) 2-Chlorophenol	6.53	128	89070	29.77	ng	89
9) Benzaldehyde	6.29	77	104333	43.68	ng	98
10) Phenol	6.40	94	46485	11.06	ng	77
11) bis(2-Chloroethyl)ether	6.49	93	116188	37.01	ng	95
12) 1,3-Dichlorobenzene	6.69	146	104240	32.83	ng	97
13) 1,4-Dichlorobenzene	6.77	146	106103	32.15	ng	99
14) 1,2-Dichlorobenzene	6.92	146	98419	32.99	ng	97
15) Benzyl Alcohol	6.90	79	79387	27.38	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.04	45	257156	40.72	ng	93
17) 2-Methylphenol	7.02	107	62291	24.39	ng	# 85
18) Hexachloroethane	7.26	117	81852	64.74	ng	98
19) n-Nitroso-di-n-propylamine	7.17	70	95441	36.85	ng	87
20) 3+4-Methylphenols	7.17	107	70701	22.03	ng	97
22) Acetophenone	7.16	105	181387	47.83	ng	# 95
24) Nitrobenzene	7.34	77	158372	47.01	ng	# 84
25) Isophorone	7.58	82	265573	42.21	ng	95
26) 2-Nitrophenol	7.65	139	46934	33.11	ng	# 79
27) 2,4-Dimethylphenol	7.70	122	80207	30.22	ng	88
28) bis(2-Chloroethoxy)methane	7.80	93	159078	42.11	ng	96
29) 2,4-Dichlorophenol	7.90	162	78704	36.09	ng	98
30) 1,2,4-Trichlorobenzene	7.98	180	89676	37.62	ng	98
31) Naphthalene	8.06	128	952359	111.64	ng	97
32) Benzoic acid	7.81	122	21133	13.30	ng	# 22
33) 4-Chloroaniline	8.11	127	55149	15.91	ng	95
34) Hexachlorobutadiene	8.18	225	47308	33.36	ng	98
35) Caprolactam	8.48	113	2014	2.57	ng	# 1
36) 4-Chloro-3-methylphenol	8.60	107	82354	30.95	ng	92
37) 2-Methylnaphthalene	8.76	142	781891	143.99	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	71661	32.04	ng	# 96
40) Hexachlorocyclopentadiene	8.91	237	75086	61.52	ng	96

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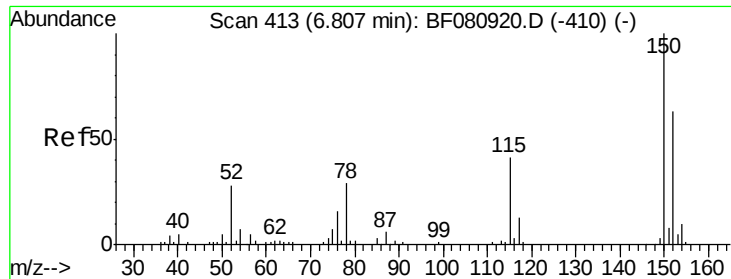
Instrument :
 BNA_F
 ClientSampleId :
 S-A(2)MS

Quant Time: Aug 14 00:38:23 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.04	196	45309	27.64	nq	99
43) 2,4,5-Trichlorophenol	9.08	196	38065	23.04	nq	# 72
45) 1,1'-Biphenyl	9.22	154	255741	41.07	nq	99
46) 2-Chloronaphthalene	9.24	162	143408	29.54	nq	97
47) 2-Nitroaniline	9.34	65	77768	39.95	nq	98
48) Acenaphthylene	9.65	152	251369	29.78	nq	98
49) Dimethylphthalate	9.53	163	192118	31.88	nq	100
50) 2,6-Dinitrotoluene	9.58	165	40080	32.19	nq	90
51) Acenaphthene	9.82	154	217824	42.14	nq	99
52) 3-Nitroaniline	9.74	138	25254	16.45	nq	# 83
53) 2,4-Dinitrophenol	9.86	184	48199	64.97	nq	# 70
54) Dibenzofuran	10.00	168	286963	41.06	nq	92
55) 4-Nitrophenol	9.93	139	28258	24.59	nq	# 39
56) 2,4-Dinitrotoluene	9.98	165	74907	44.96	nq	# 90
57) Fluorene	10.34	166	210784	38.99	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	44977	34.41	nq	# 79
59) Diethylphthalate	10.21	149	210907	33.62	nq	98
60) 4-Chlorophenyl-phenylether	10.33	204	72671	27.59	nq	90
61) 4-Nitroaniline	10.36	138	42901	27.16	nq	# 85
62) Azobenzene	10.49	77	208488	29.72	nq	91
64) 4,6-Dinitro-2-methylphenol	10.38	198	23486	34.77	nq	# 39
65) n-Nitrosodiphenylamine	10.45	169	171448	45.27	nq	99
66) 4-Bromophenyl-phenylether	10.82	248	56729	49.14	nq	# 90
67) Hexachlorobenzene	10.89	284	53760	41.88	nq	# 95
68) Atrazine	11.00	200	43754	39.41	nq	98
69) Pentachlorophenol	11.08	266	50049	67.06	nq	96
70) Phenanthrene	11.29	178	272387	44.13	nq	99
71) Anthracene	11.34	178	274934	44.99	nq	98
72) Carbazole	11.50	167	520607	87.50	nq	# 96
73) Di-n-butylphthalate	11.84	149	404574	54.38	nq	99
74) Fluoranthene	12.48	202	368890	55.29	nq	97
76) Benzidine	12.60	184	2850	2.62	nq	# 1
77) Pyrene	12.70	202	305691	33.81	nq	99
79) Butylbenzylphthalate	13.32	149	119838	27.50	nq	# 59
80) Benzo(a)anthracene	13.88	228	300916	38.93	nq	100
81) 3,3'-Dichlorobenzidine	13.85	252	35041	12.46	nq	# 95
82) Chrysene	13.92	228	212419	28.70	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	218960	36.11	nq	# 93
84) Di-n-octyl phthalate	14.50	149	272095	26.46	nq	96
85) Indeno(1,2,3-cd)pyrene	16.59	276	202988	28.82	nq	100
87) Benzo(b)fluoranthene	14.89	252	436265	108.52	nq	# 97
88) Benzo(k)fluoranthene	14.89	252	436265	124.04	nq	97
89) Benzo(a)pyrene	15.22	252	168246	48.69	nq	99
90) Dibenzo(a,h)anthracene	16.60	278	168229	55.05	nq	97
91) Benzo(g,h,i)perylene	16.98	276	164151	55.22	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.06 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

Instrument :

BNA_F

ClientSampleId :

S-A(2)MS

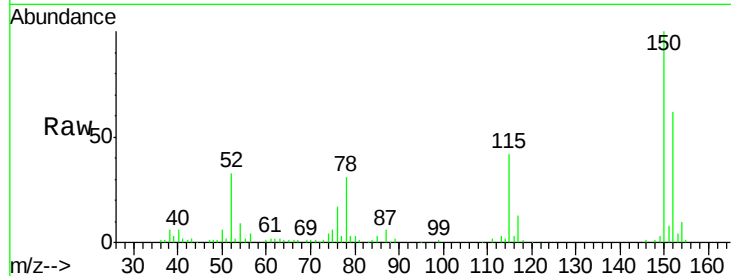
Tot Ion:152 Resp: 42251

Ion Ratio Lower Upper

152 100

150 162.4 127.4 191.2

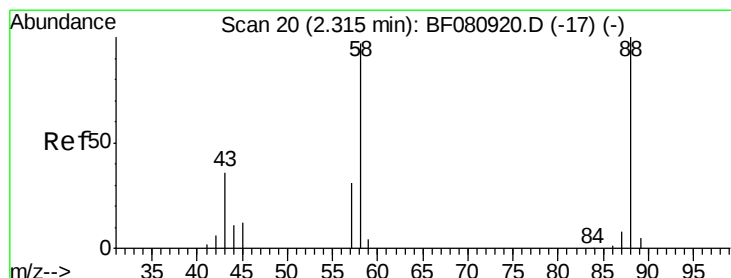
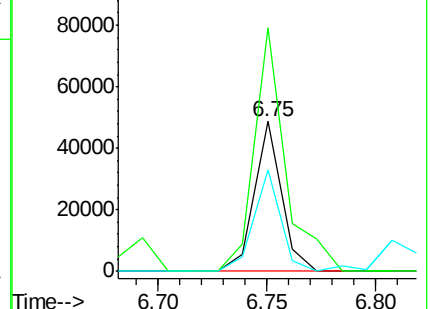
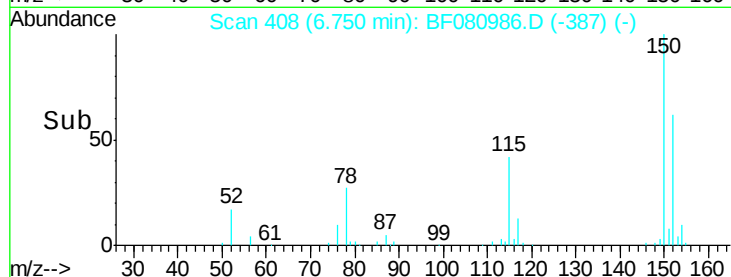
115 67.9 52.6 78.8



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: 11.97 ng

RT: 2.32 min Scan# 20

Delta R.T. -0.00 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

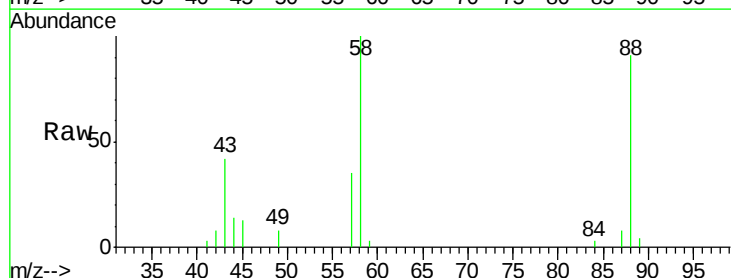
Tgt Ion: 88 Resp: 14676

Ion Ratio Lower Upper

88 100

58 114.1 79.3 118.9

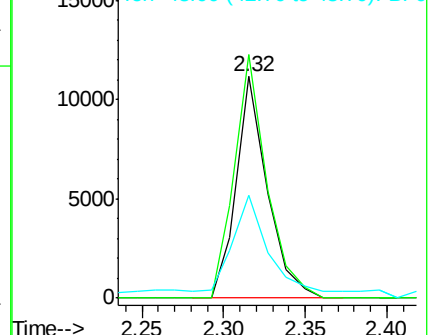
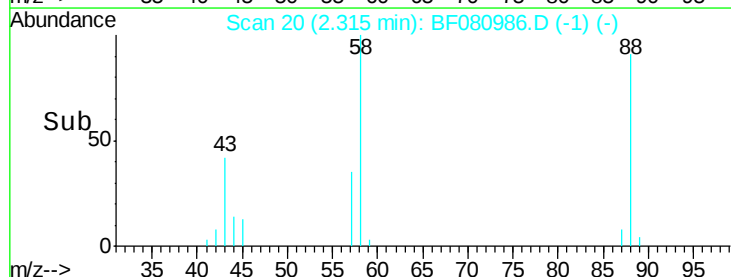
43 64.1 28.3 42.5#

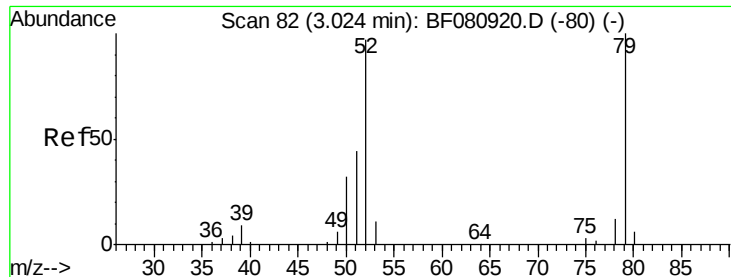


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 13.03 ng

RT: 3.01 min Scan# 81

Delta R.T. -0.01 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

Instrument :

BNA_F

ClientSampleId :

S-A(2)MS

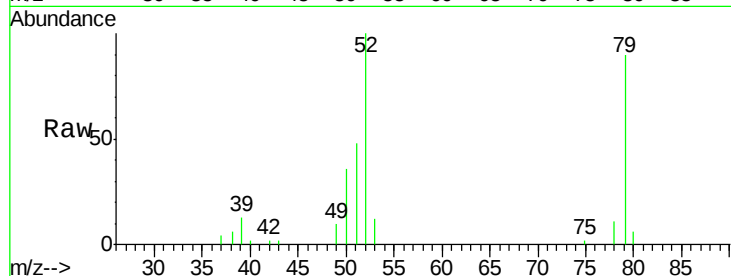
Tot Ion: 79 Resp: 45305

Ion Ratio Lower Upper

79 100

52 111.1 77.2 115.8

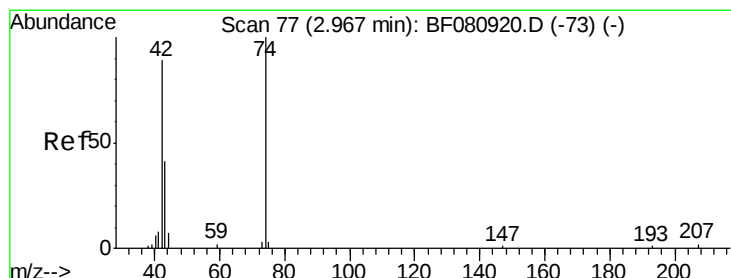
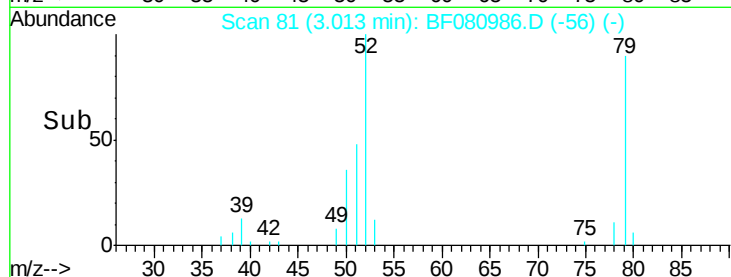
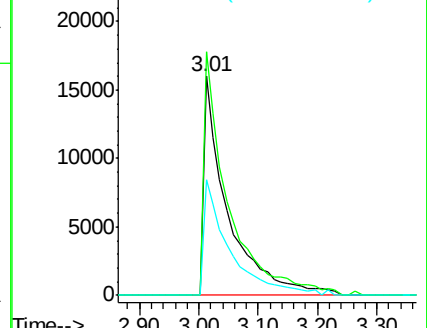
51 52.8 35.0 52.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 19.61 ng

RT: 2.93 min Scan# 74

Delta R.T. -0.03 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

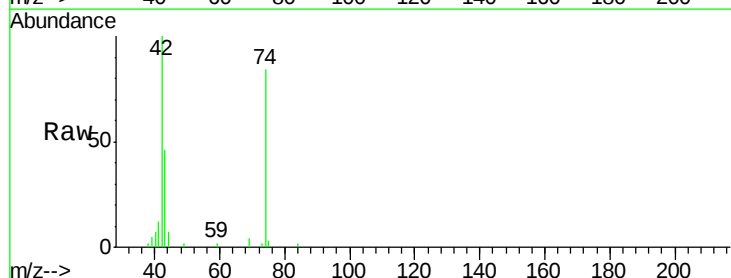
Tgt Ion: 42 Resp: 34817

Ion Ratio Lower Upper

42 100

74 84.2 89.8 134.8#

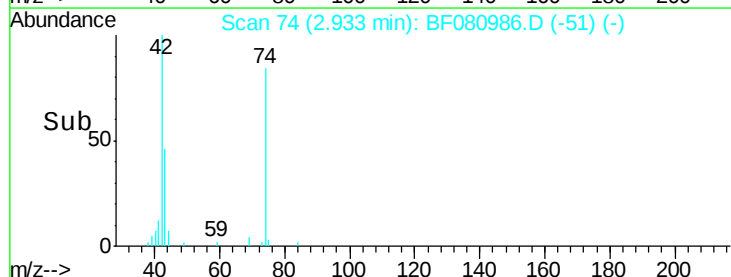
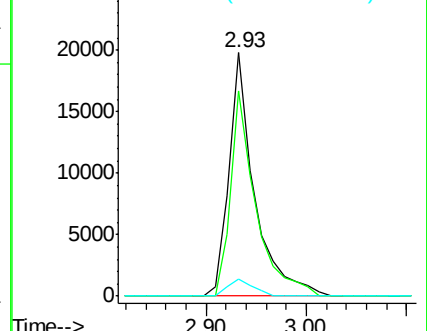
44 7.2 6.5 9.7

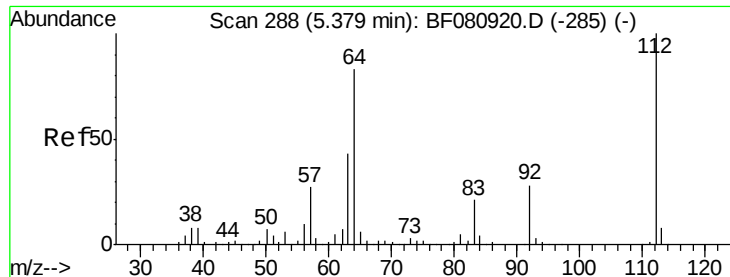


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 49.66 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.05 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

Instrument :

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ClientSampleId :

S-A(2)MS

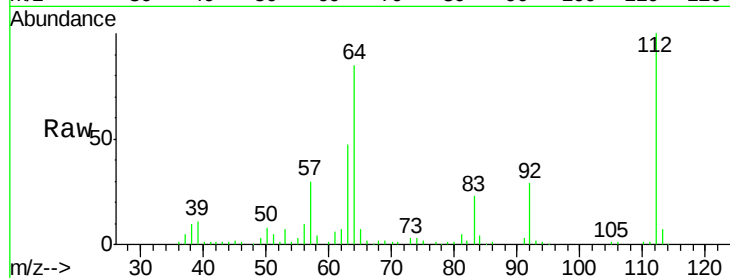
Tot Ion:112 Resp: 128429

Ion Ratio Lower Upper

112 100

64 85.2 66.1 99.1

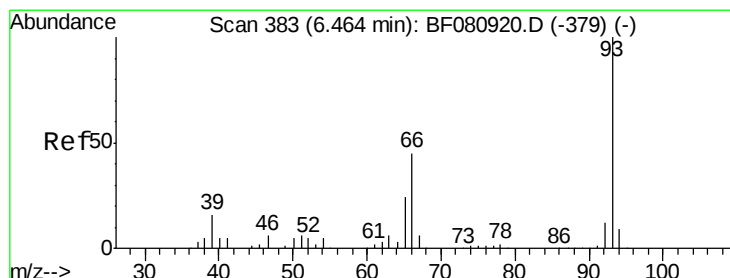
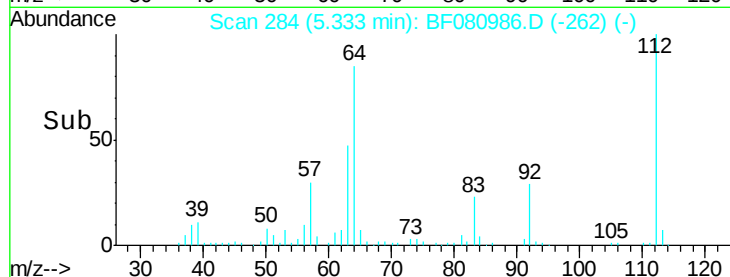
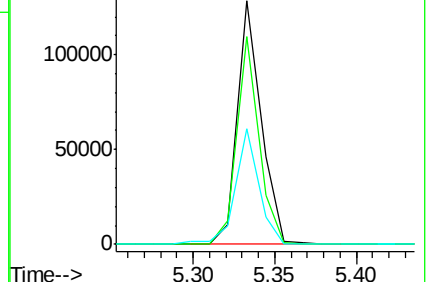
63 47.3 34.6 52.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 14.75 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.06 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

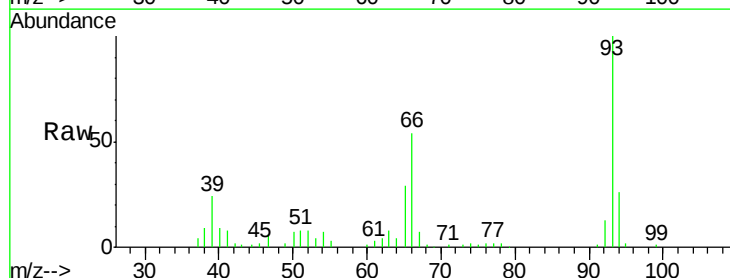
Tgt Ion: 93 Resp: 76787

Ion Ratio Lower Upper

93 100

66 53.7 36.2 54.4

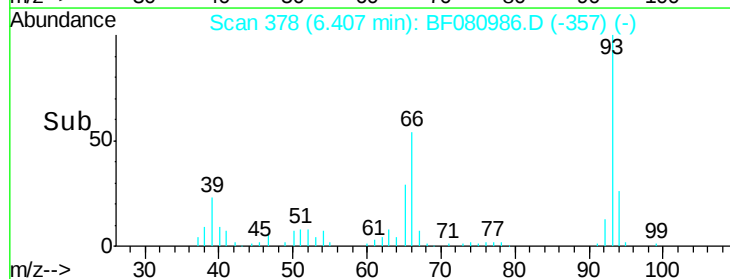
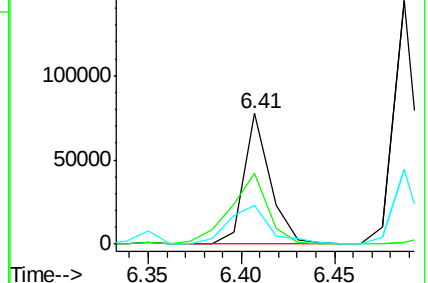
65 29.4 19.0 28.4#

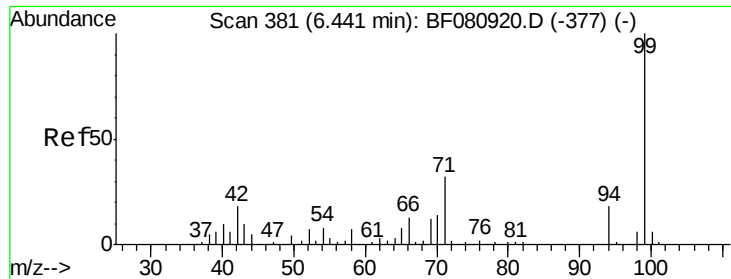


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 32.18 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.06 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

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ClientSampleId :

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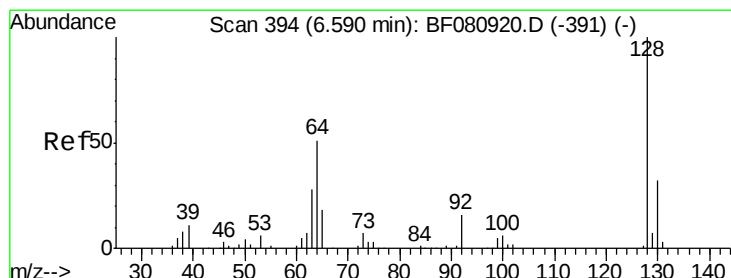
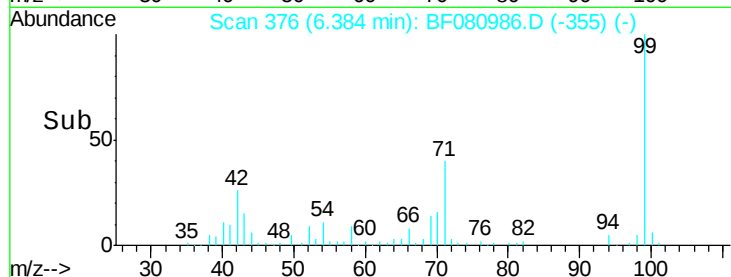
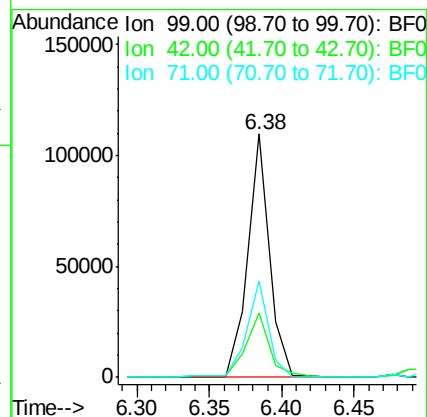
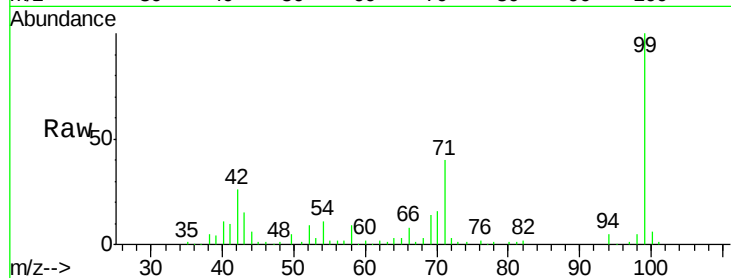
Tot Ion: 99 Resp: 114047

Ion Ratio Lower Upper

99 100

42 26.3 14.4 21.6#

71 39.7 25.8 38.8#



#8

2-Chlorophenol

Concen: 29.77 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.06 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

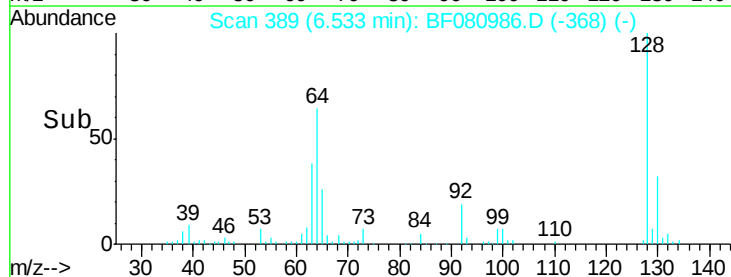
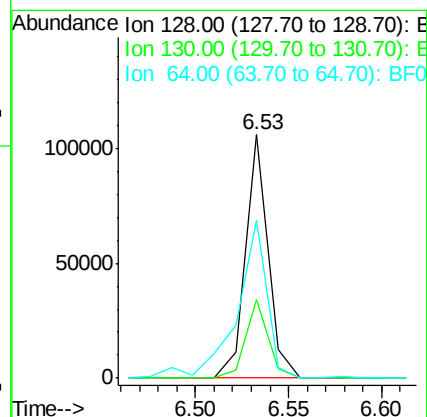
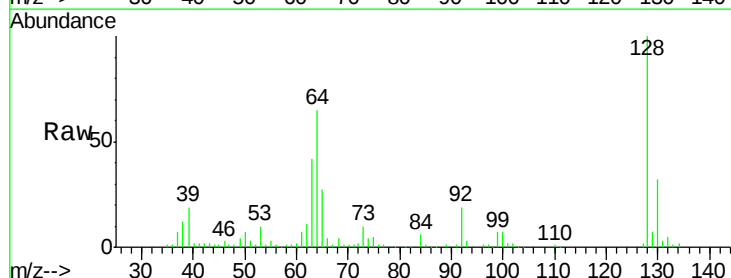
Tgt Ion: 128 Resp: 89070

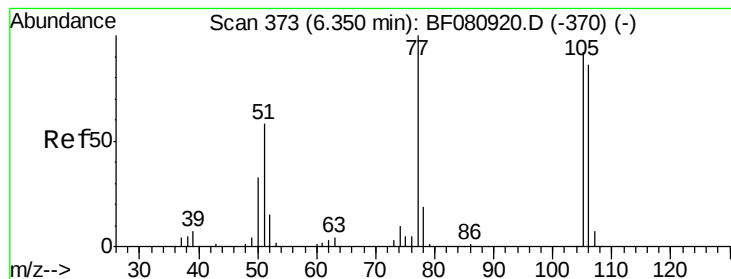
Ion Ratio Lower Upper

128 100

130 32.1 12.4 52.4

64 64.6 32.1 72.1





#9

Benzaldehyde

Concen: 43.68 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.06 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

Instrument :

BNA_F

ClientSampled :

S-A(2)MS

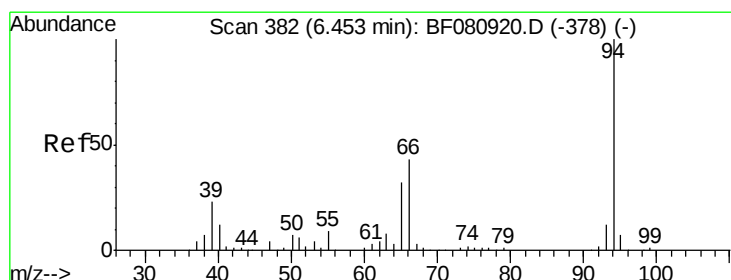
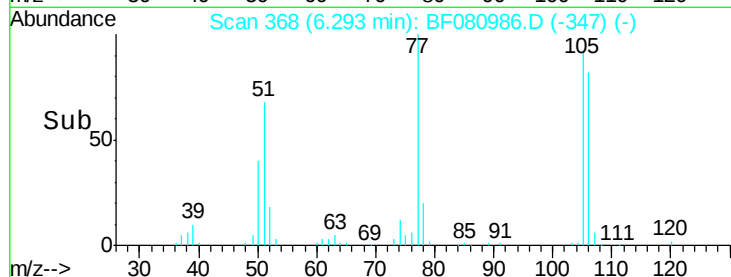
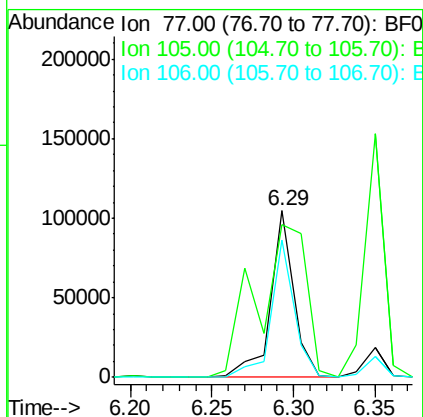
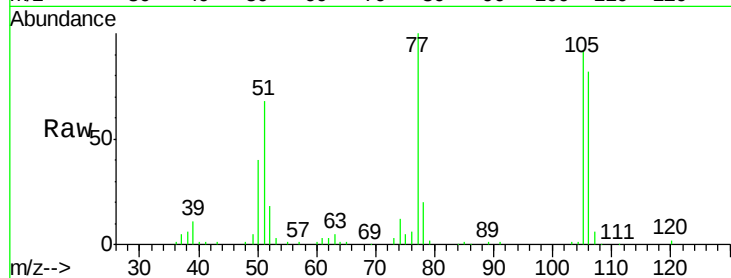
Tot Ion: 77 Resp: 104333

Ion Ratio Lower Upper

77 100

105 92.1 71.6 111.6

106 82.3 65.7 105.7



#10

Phenol

Concen: 11.06 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.06 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

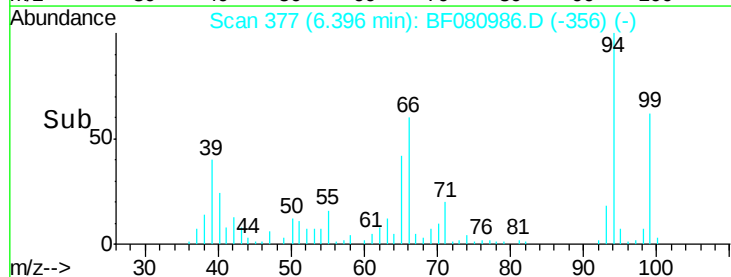
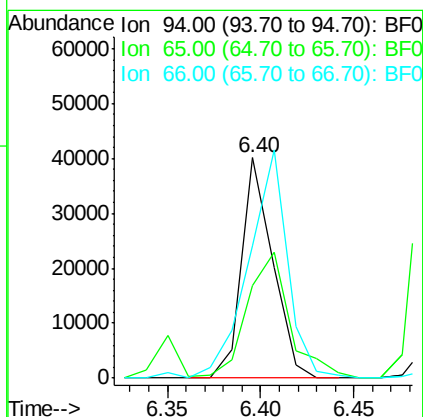
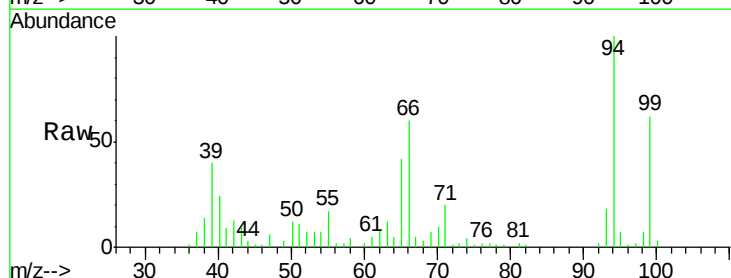
Tgt Ion: 94 Resp: 46485

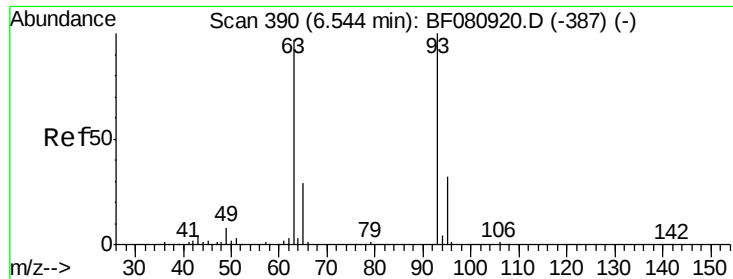
Ion Ratio Lower Upper

94 100

65 41.7 11.8 51.8

66 59.9 22.9 62.9





#11

bis(2-Chloroethyl)ether

Concen: 37.01 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.06 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

Instrument :

BNA_F

ClientSampleId :

S-A(2)MS

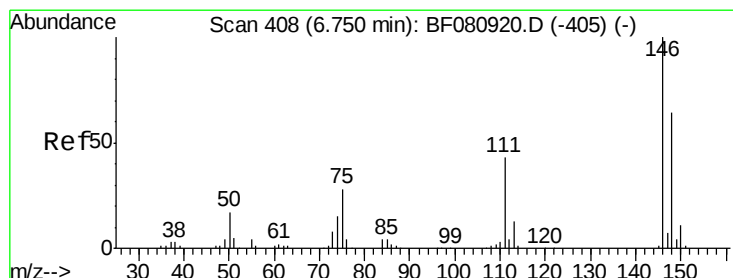
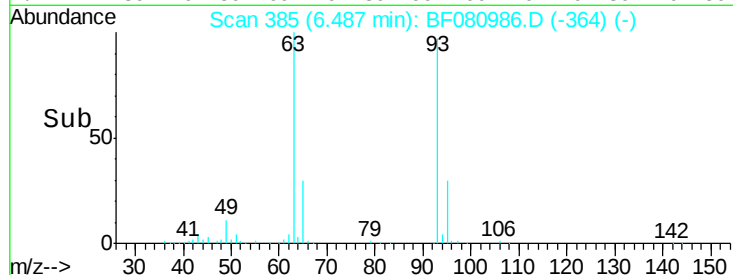
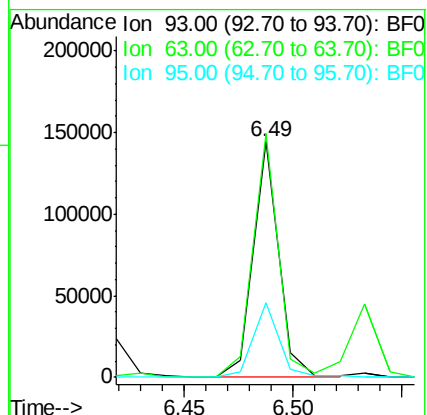
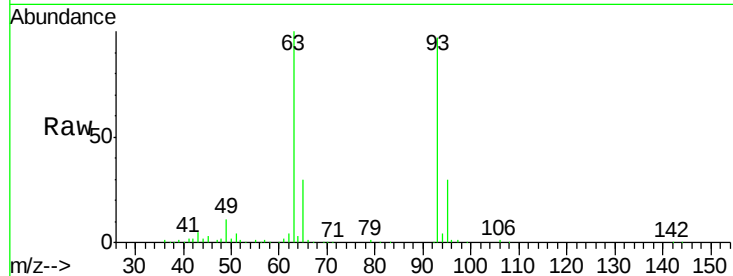
Tot Ion: 93 Resp: 116188

Ion Ratio Lower Upper

93 100

63 103.3 76.7 116.7

95 31.5 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 32.83 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.06 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

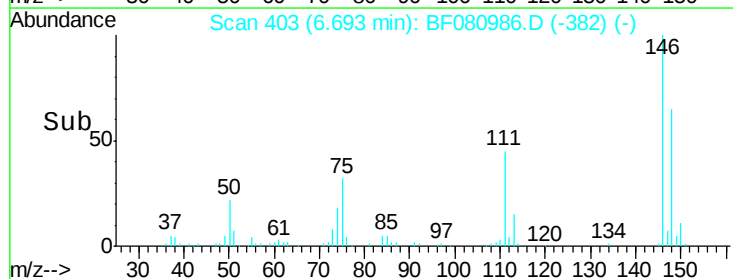
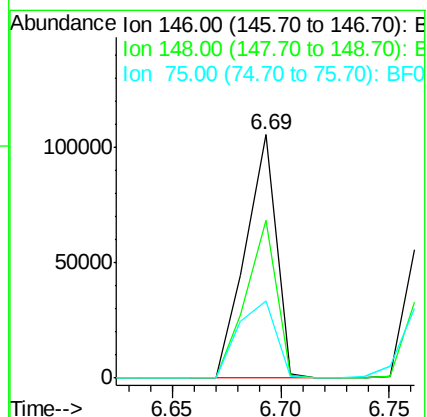
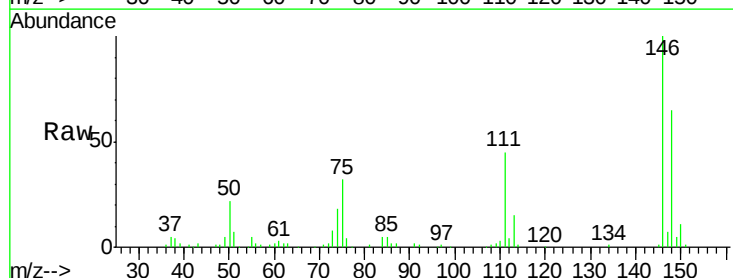
Tgt Ion: 146 Resp: 104240

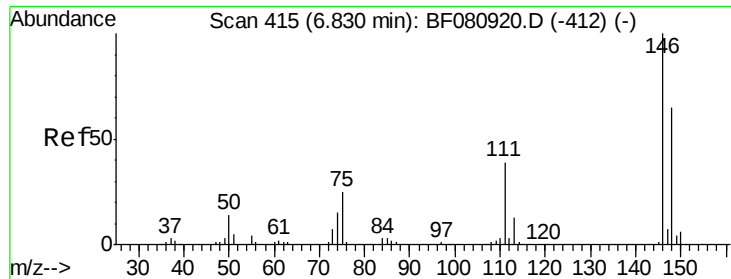
Ion Ratio Lower Upper

146 100

148 64.9 51.4 77.0

75 31.6 22.2 33.4

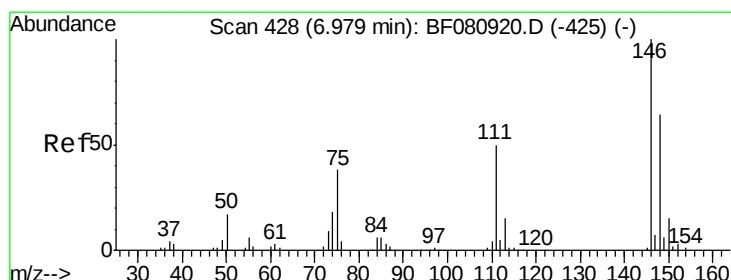
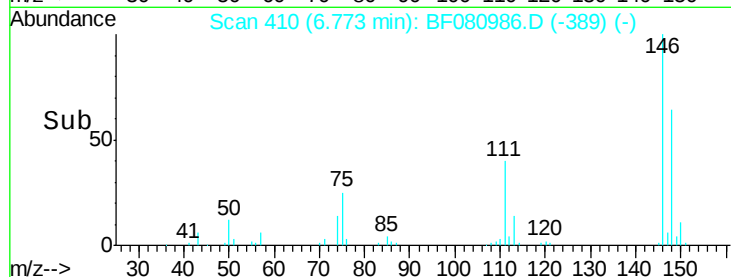
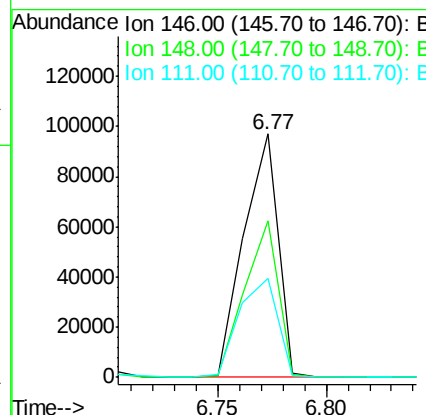
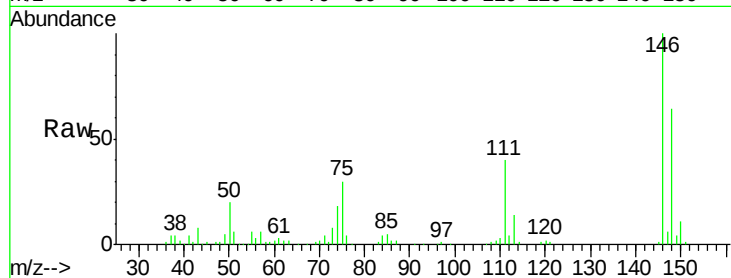




#13
 1,4-Dichlorobenzene
 Concen: 32.15 ng
 RT: 6.77 min Scan# 410
 Delta R.T. -0.06 min
 Lab File: BF080986.D
 Acq: 13 Aug 2015 18:03

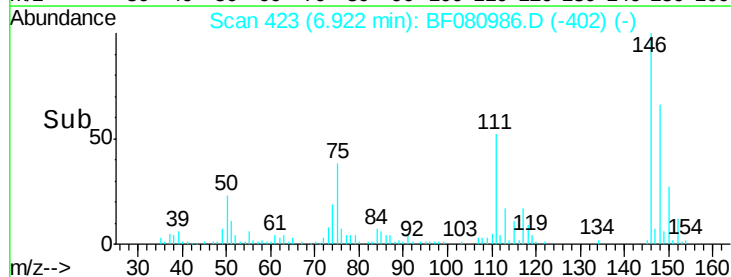
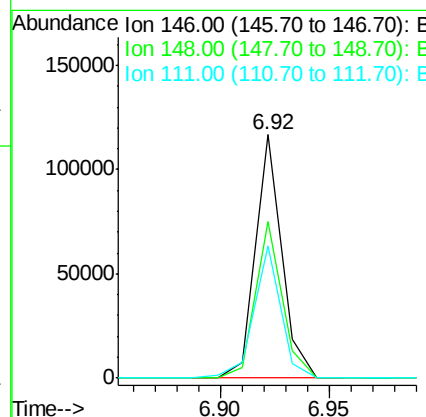
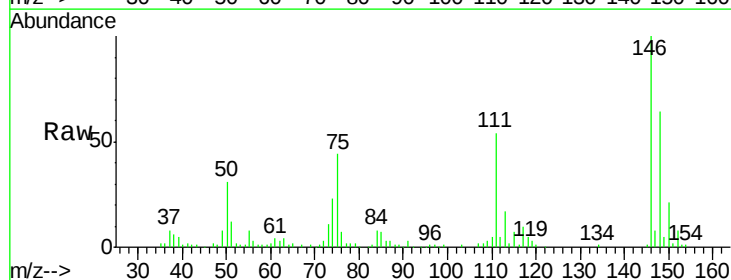
Instrument :
 BNA_F
 ClientSampleId :
 S-A(2)MS

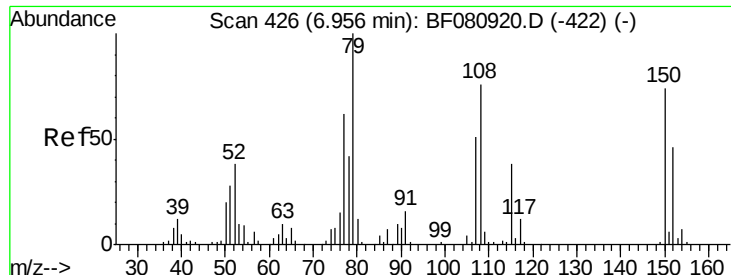
Tot Ion:146 Resp: 106103
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.2 78.4
 111 40.4 31.5 47.3



#14
 1,2-Dichlorobenzene
 Concen: 32.99 ng
 RT: 6.92 min Scan# 423
 Delta R.T. -0.06 min
 Lab File: BF080986.D
 Acq: 13 Aug 2015 18:03

Tgt Ion:146 Resp: 98419
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.1 76.7
 111 54.2 40.0 60.0

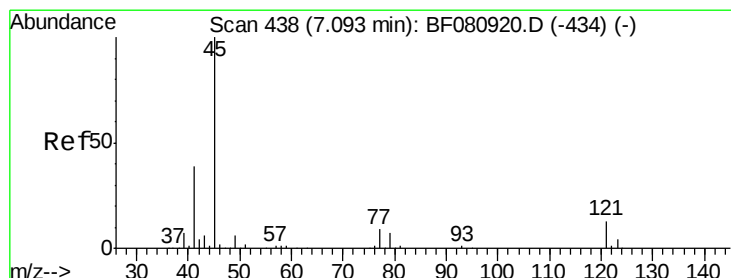
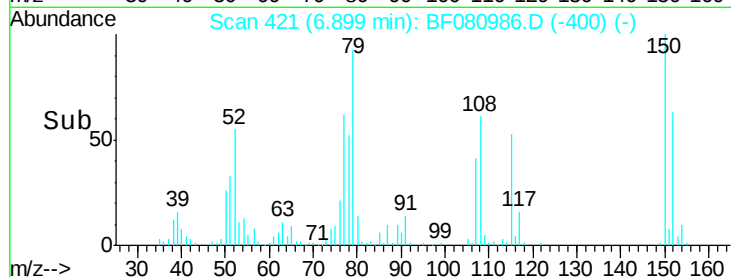
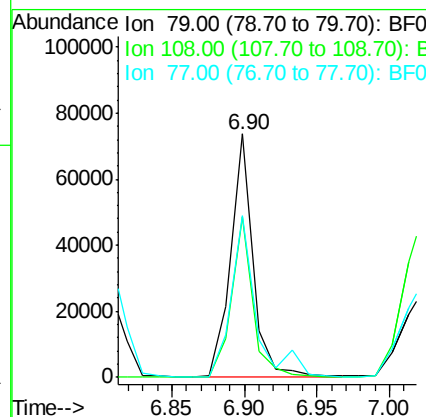
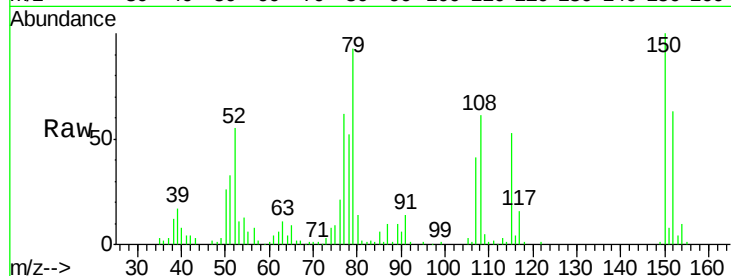




#15
Benzyl Alcohol
Concen: 27.38 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.06 min
Lab File: BF080986.D
Acq: 13 Aug 2015 18:03

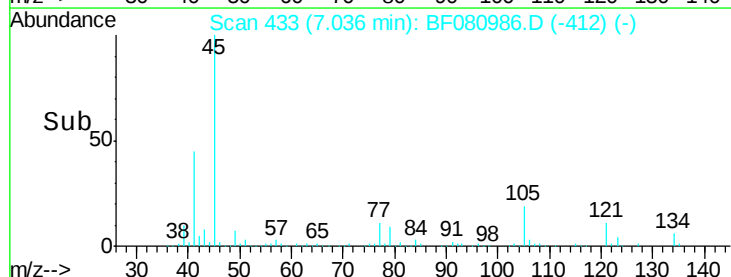
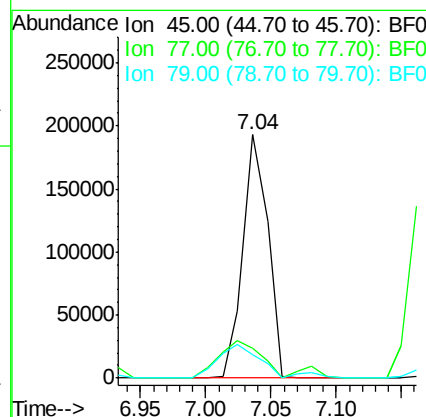
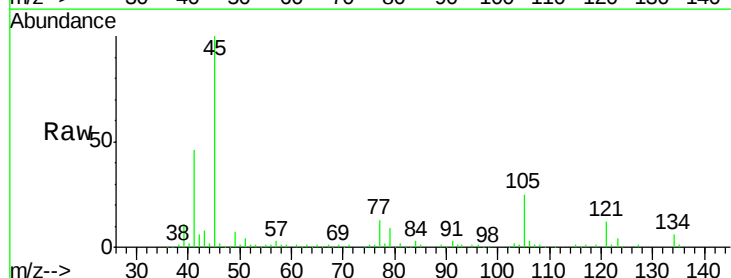
Instrument :
BNA_F
ClientSampled :
S-A(2)MS

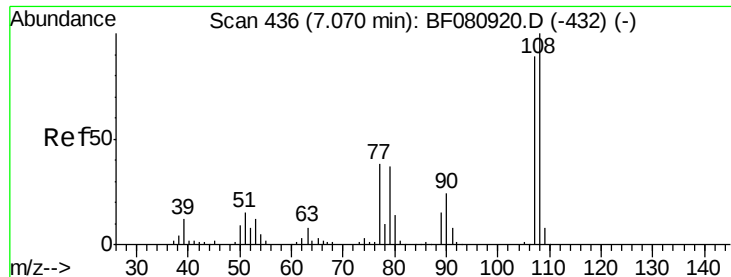
Tot Ion: 79 Resp: 79387
Ion Ratio Lower Upper
79 100
108 66.0 60.9 91.3
77 66.6 49.4 74.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.72 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.06 min
Lab File: BF080986.D
Acq: 13 Aug 2015 18:03

Tgt Ion: 45 Resp: 257156
Ion Ratio Lower Upper
45 100
77 12.5 0.0 29.6
79 9.4 0.0 27.7





#17

2-Methylphenol

Concen: 24.39 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.05 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

Instrument :

BNA_F

ClientSampleId :

S-A(2)MS

Tot Ion:107 Resp: 62291

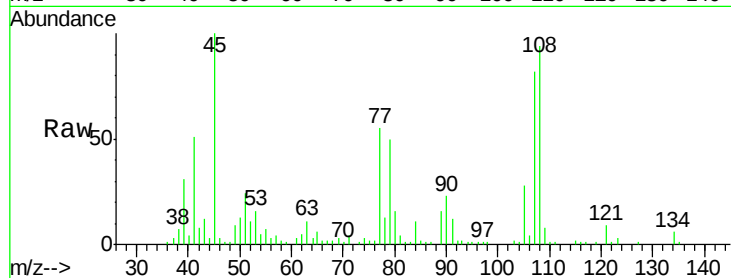
Ion Ratio Lower Upper

107 100

108 114.4 90.3 135.5

77 66.9 34.6 51.8#

79 61.2 33.6 50.4#

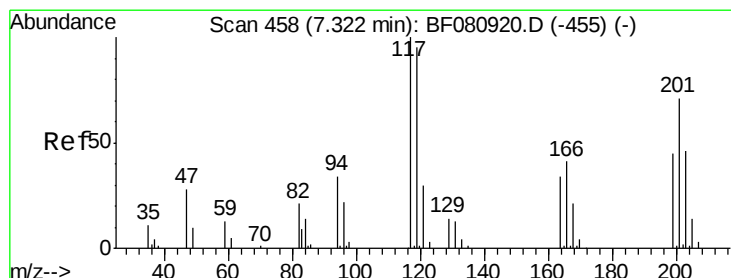
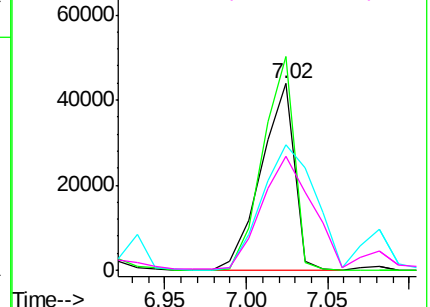
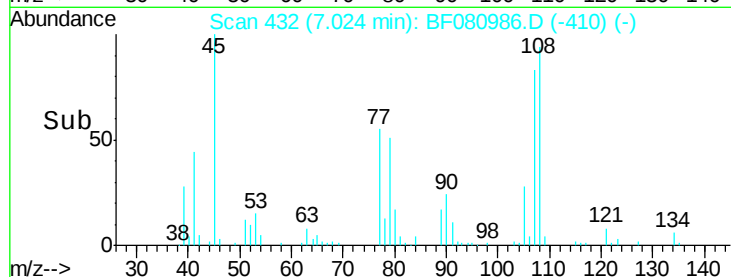


Abundance Ion 107.00 (106.70 to 107.70): E

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: 64.74 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.06 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

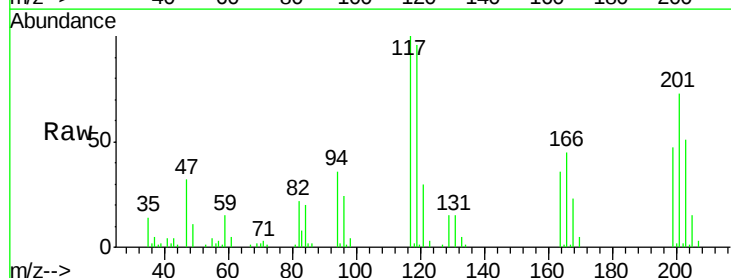
Tgt Ion:117 Resp: 81852

Ion Ratio Lower Upper

117 100

119 96.3 76.3 114.5

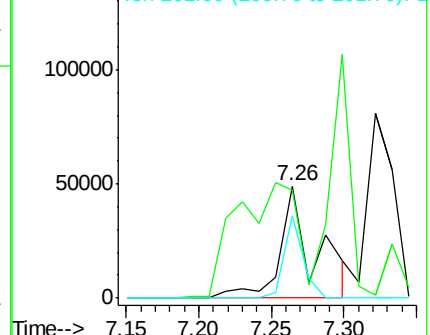
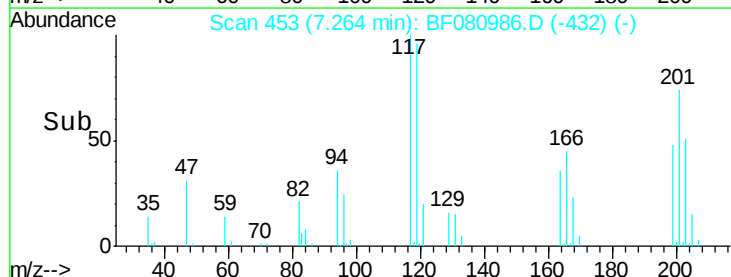
201 73.4 57.0 85.6

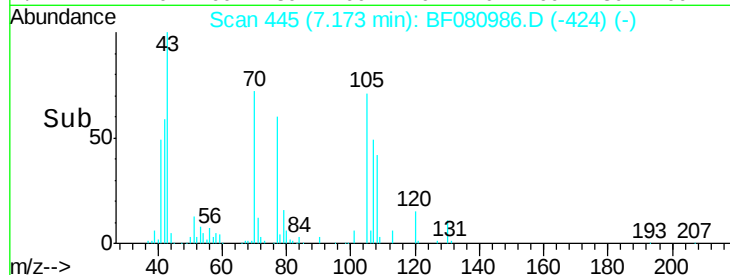
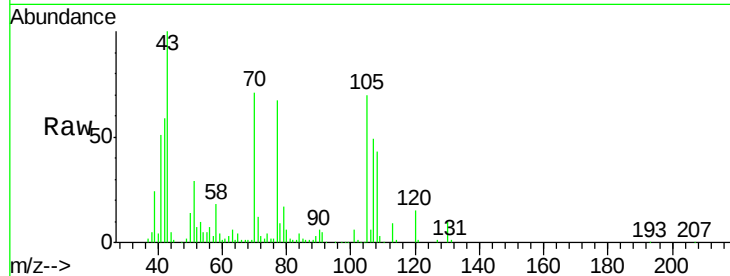
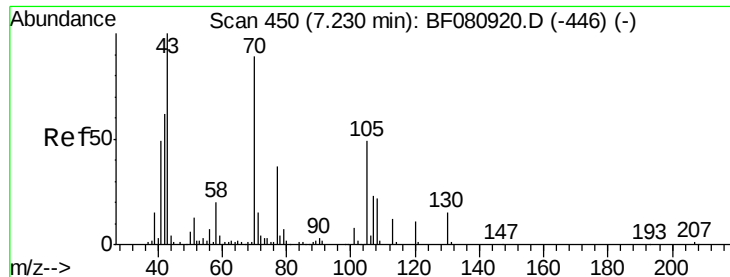


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

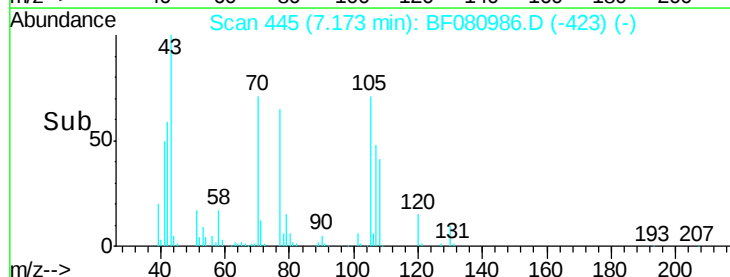
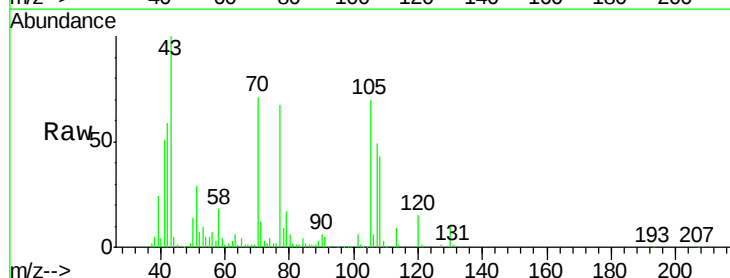
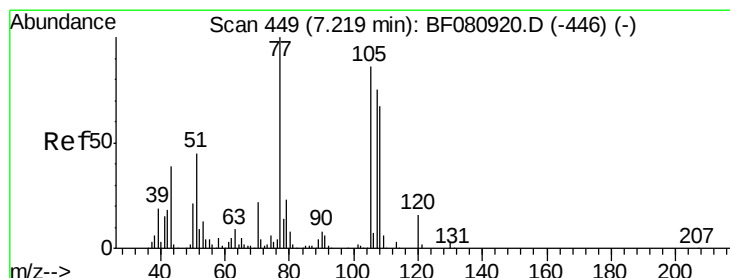
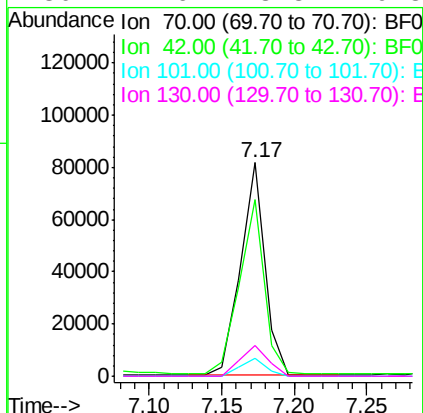




#19
n-Nitroso-di-n-propylamine
Concen: 36.85 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.06 min
Lab File: BF080986.D
Acq: 13 Aug 2015 18:03

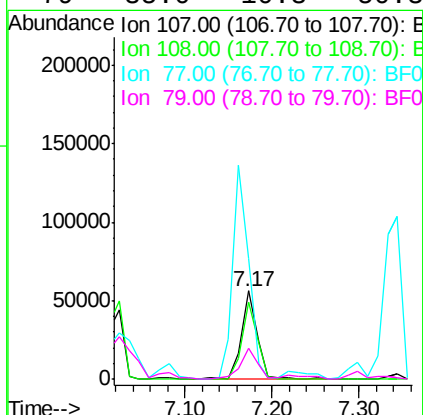
Instrument :
BNA_F
ClientSampleId :
S-A(2)MS

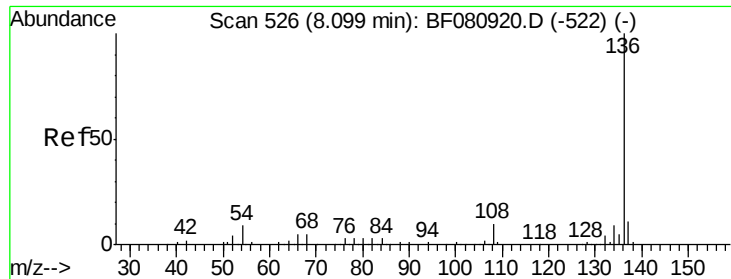
Tot Ion: 70 Resp: 95441
Ion Ratio Lower Upper
70 100
42 82.6 55.7 83.5
101 8.4 7.0 10.6
130 14.6 13.8 20.8



#20
3+4-Methylphenols
Concen: 22.03 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.05 min
Lab File: BF080986.D
Acq: 13 Aug 2015 18:03

Tgt Ion:107 Resp: 70701
Ion Ratio Lower Upper
107 100
108 87.4 69.2 109.2
77 136.8 113.0 153.0
79 35.0 10.3 50.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.06 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

Instrument :

BNA_F

ClientSampleId :

S-A(2)MS

Tot Ion:136 Resp: 154758

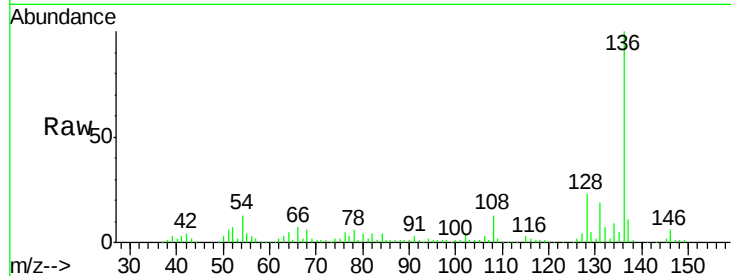
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 12.5 7.1 10.7#

68 5.8 3.8 5.8#

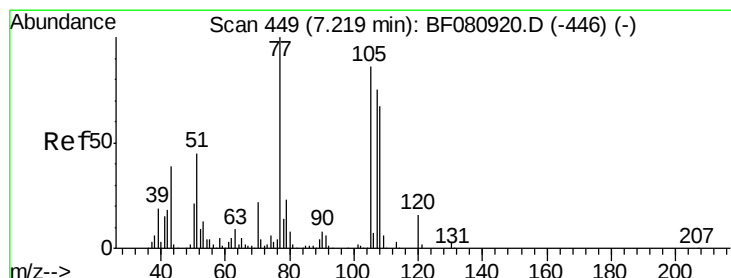
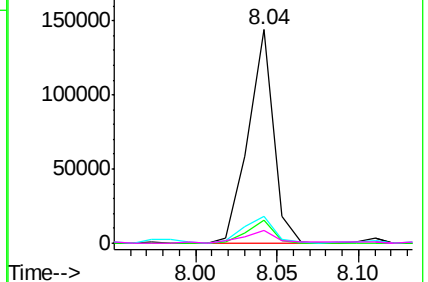
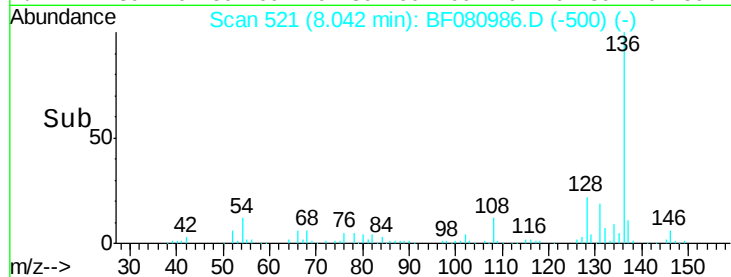


Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.83 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.06 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

Tgt Ion:105 Resp: 181387

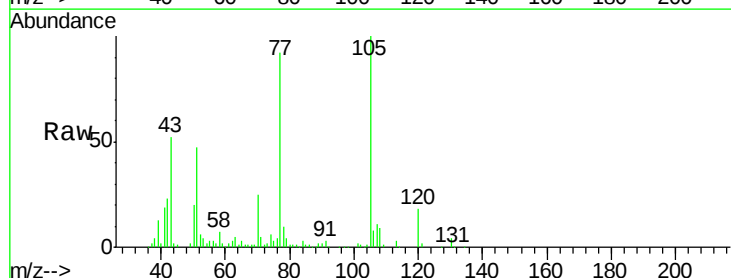
Ion Ratio Lower Upper

105 100

71 5.2 3.3 4.9#

51 47.2 41.8 62.6

120 18.5 15.1 22.7

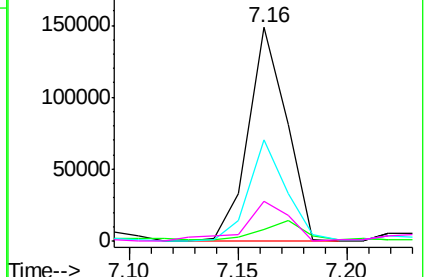
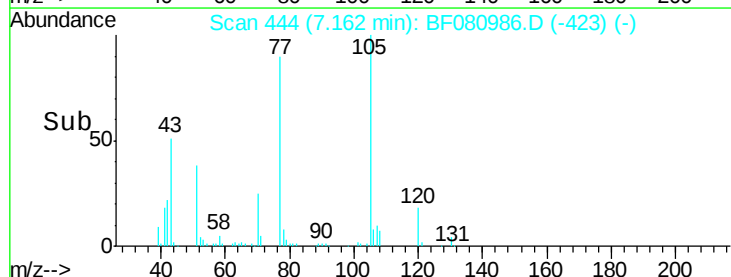


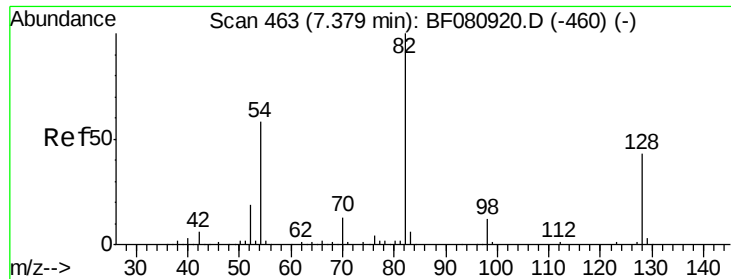
Abundance Ion 105.00 (104.70 to 105.70): E

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

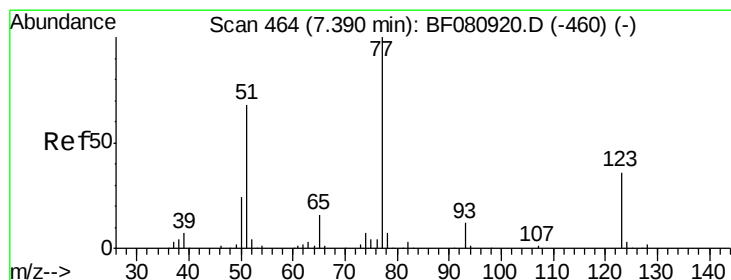
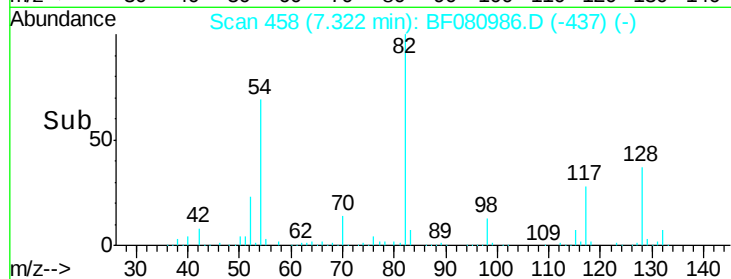
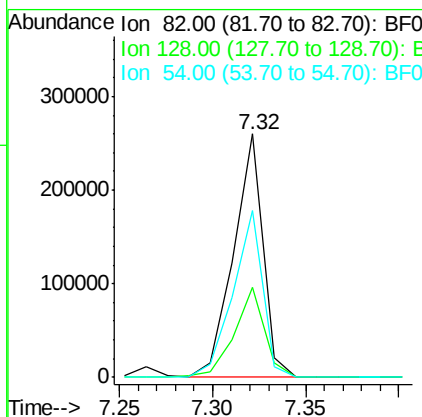
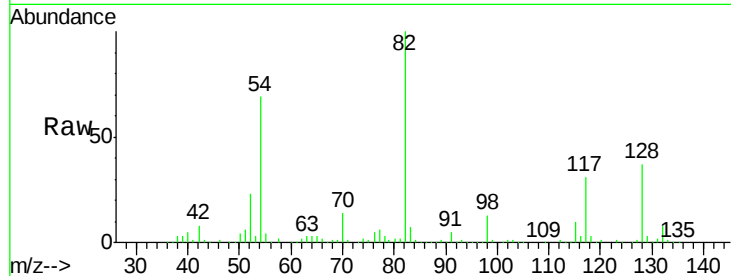




#23
Nitrobenzene-d5
Concen: 87.92 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.06 min
Lab File: BF080986.D
Acq: 13 Aug 2015 18:03

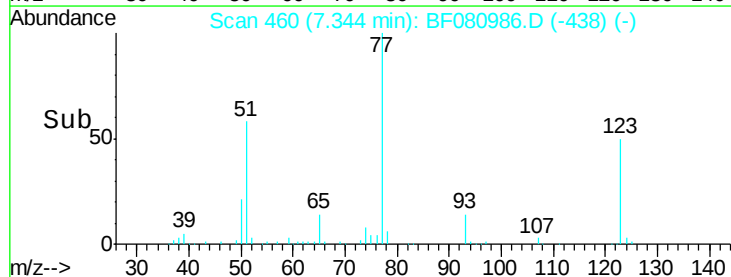
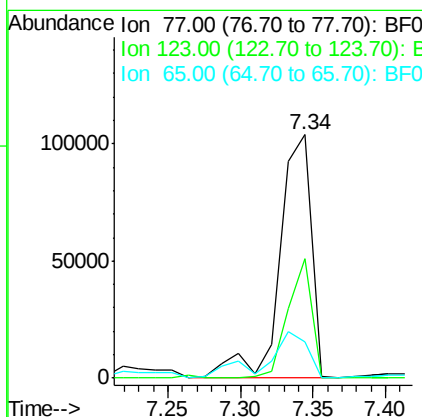
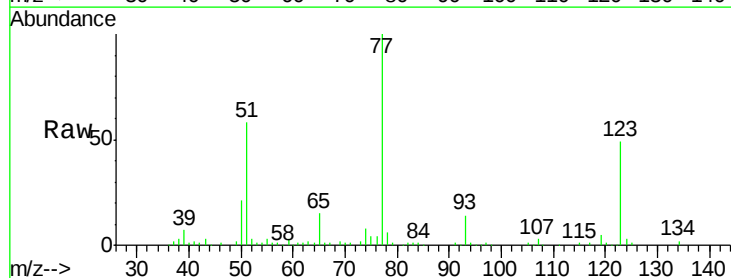
Instrument :
BNA_F
ClientSampleId :
S-A(2)MS

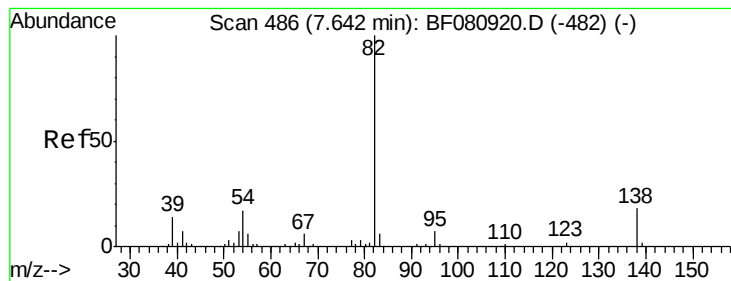
Tot Ion	82	Resp	287663
Ion Ratio	Lower	Upper	
82	100		
128	36.9	34.1	51.1
54	68.6	46.5	69.7



#24
Nitrobenzene
Concen: 47.01 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.05 min
Lab File: BF080986.D
Acq: 13 Aug 2015 18:03

Tgt Ion	77	Resp	158372
Ion Ratio	Lower	Upper	
77	100		
123	49.2	28.7	43.1#
65	14.8	12.5	18.7





#25

Isophorone

Concen: 42.21 ng

RT: 7.58 min Scan# 481

Delta R.T. -0.06 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

Instrument :

BNA_F

ClientSampleId :

S-A(2)MS

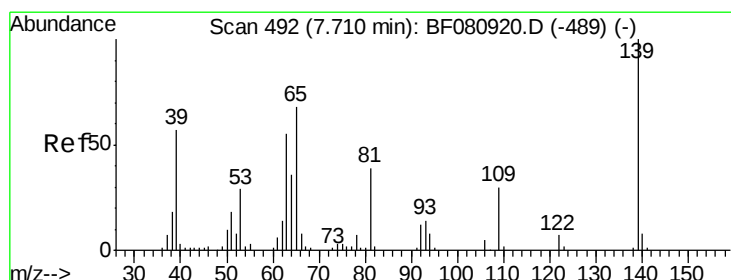
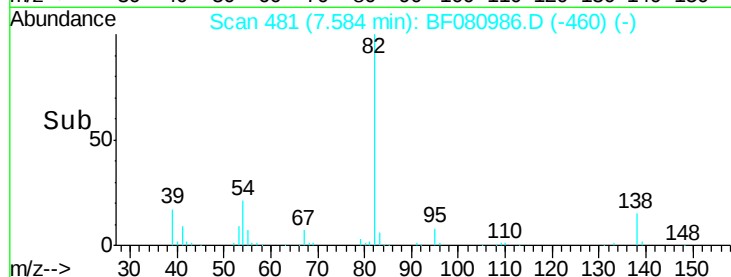
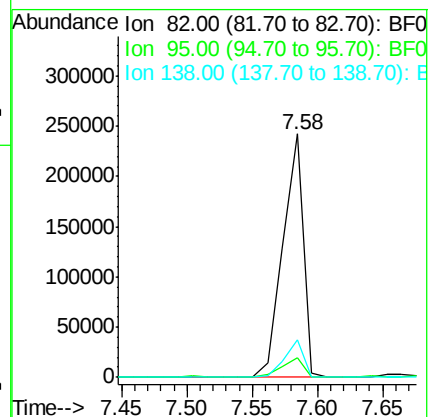
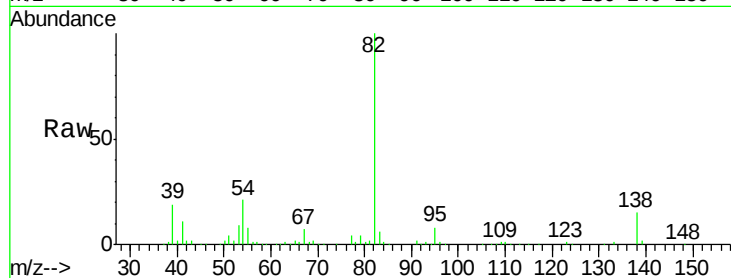
Tot Ion: 82 Resp: 265573

Ion Ratio Lower Upper

82 100

95 8.1 5.8 8.6

138 15.3 14.1 21.1



#26

2-Nitrophenol

Concen: 33.11 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.06 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

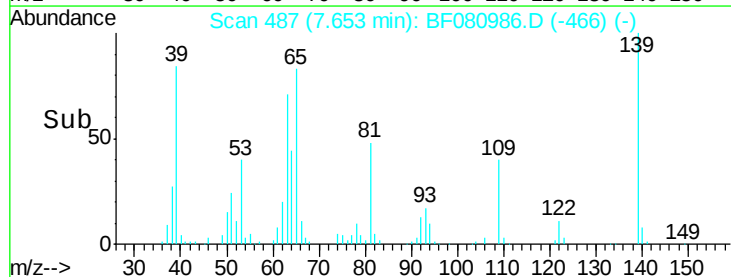
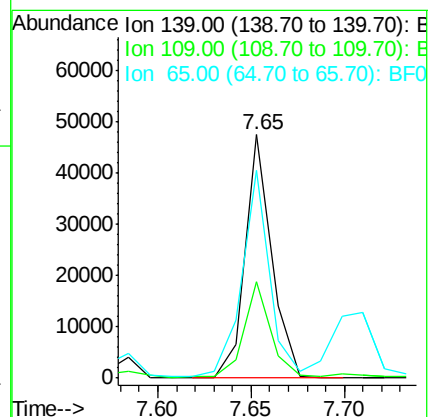
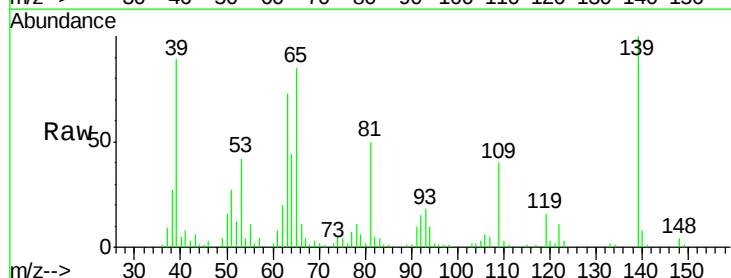
Tgt Ion: 139 Resp: 46934

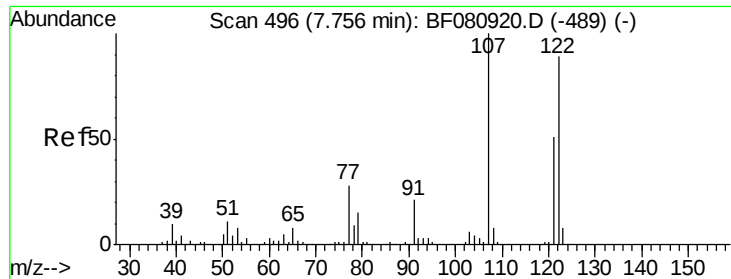
Ion Ratio Lower Upper

139 100

109 39.6 24.1 36.1#

65 85.3 54.0 81.0#

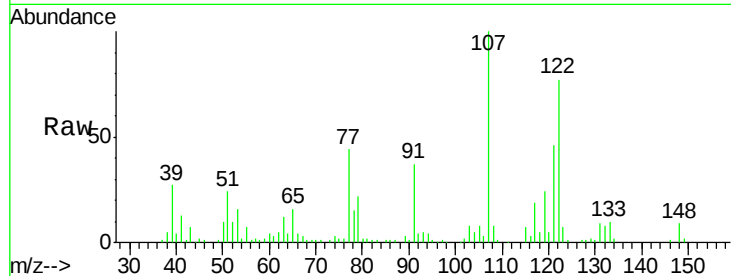




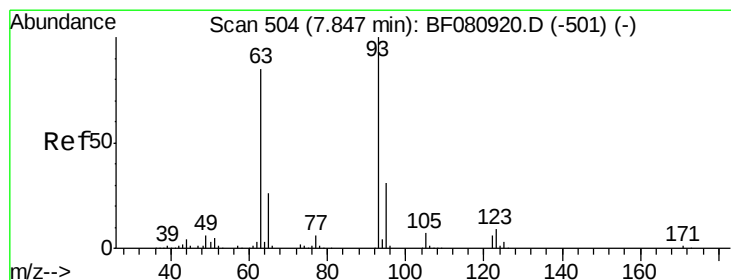
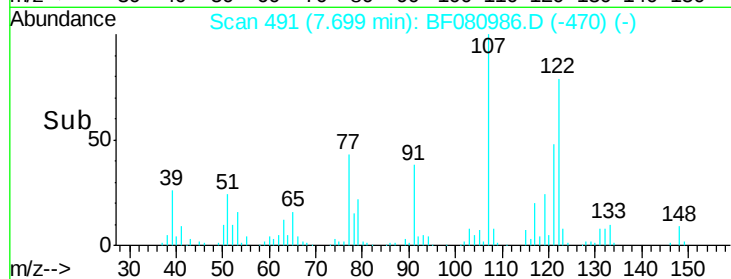
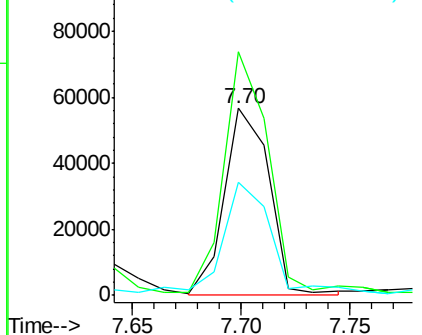
#27
 2,4-Dimethylphenol
 Concen: 30.22 ng
 RT: 7.70 min Scan# 491
 Delta R.T. -0.06 min
 Lab File: BF080986.D
 Acq: 13 Aug 2015 18:03

Instrument :
 BNA_F
 ClientSampled :
 S-A(2)MS

Tot Ion:122 Resp: 80207
 Ion Ratio Lower Upper
 122 100
 107 130.4 90.2 135.4
 121 60.4 46.0 69.0

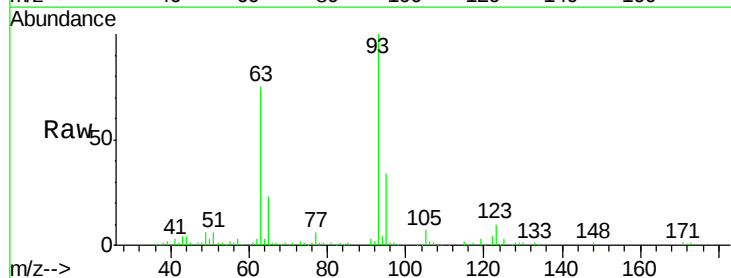


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

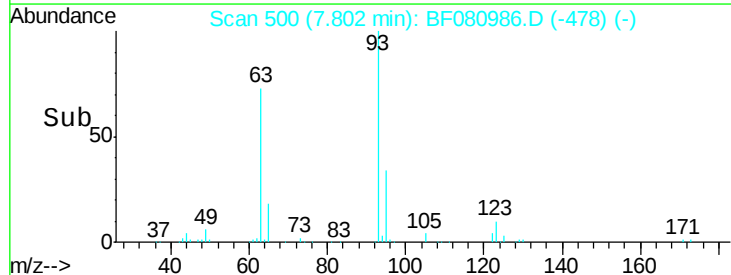
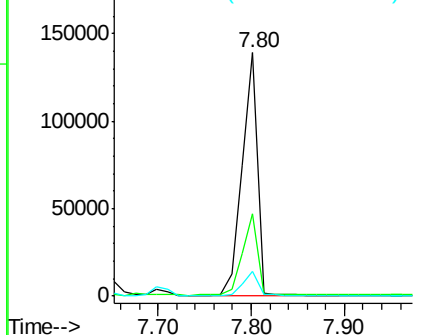


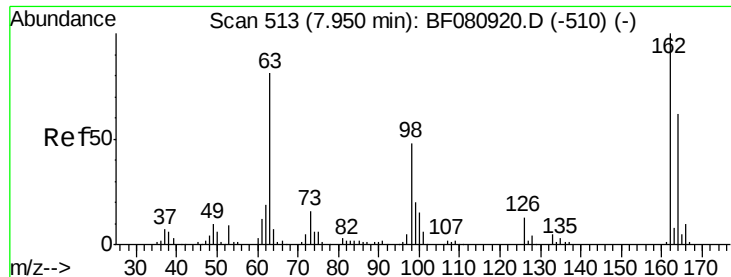
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.11 ng
 RT: 7.80 min Scan# 500
 Delta R.T. -0.05 min
 Lab File: BF080986.D
 Acq: 13 Aug 2015 18:03

Tgt Ion: 93 Resp: 159078
 Ion Ratio Lower Upper
 93 100
 95 33.7 25.0 37.4
 123 9.9 7.4 11.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

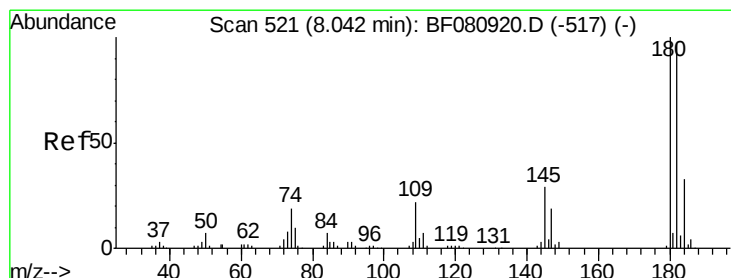
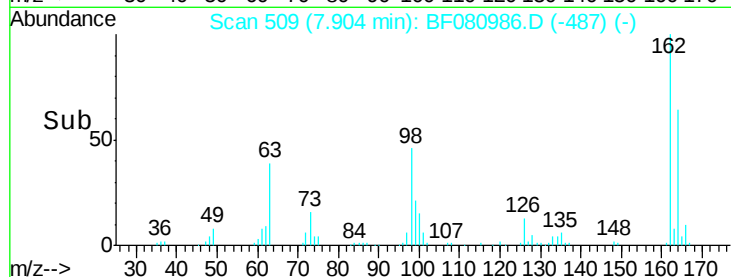
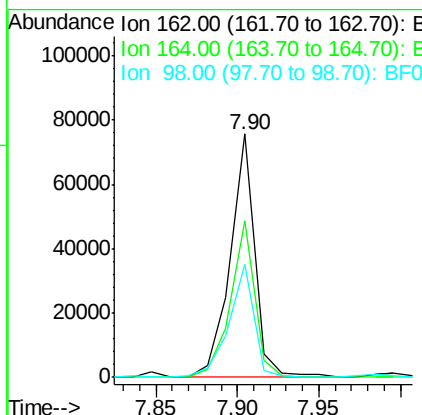
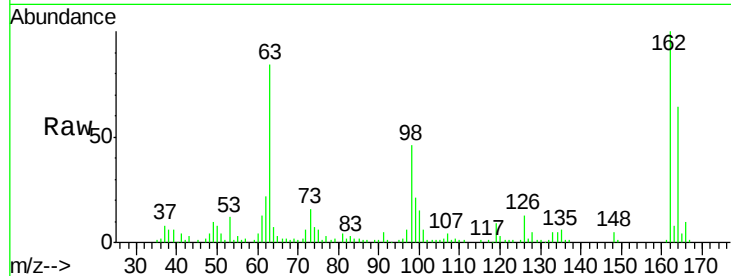




#29
 2,4-Dichlorophenol
 Concen: 36.09 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.05 min
 Lab File: BF080986.D
 Acq: 13 Aug 2015 18:03

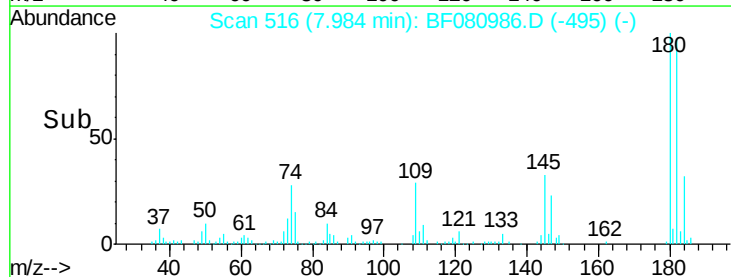
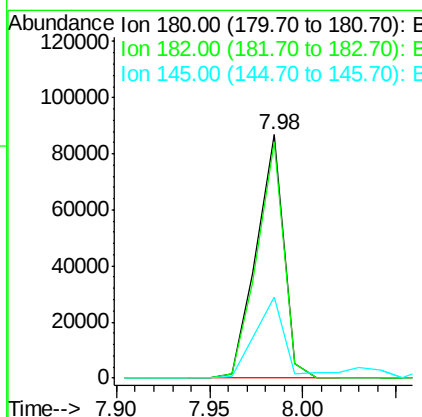
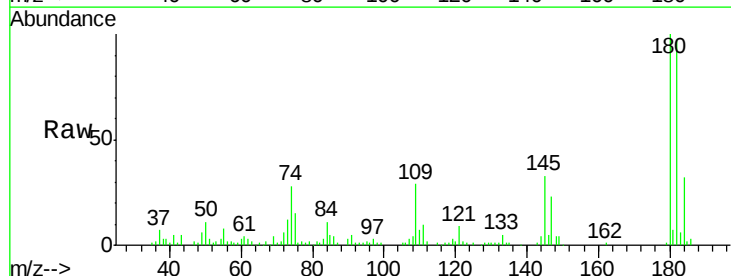
Instrument :
 BNA_F
 ClientSampleId :
 S-A(2)MS

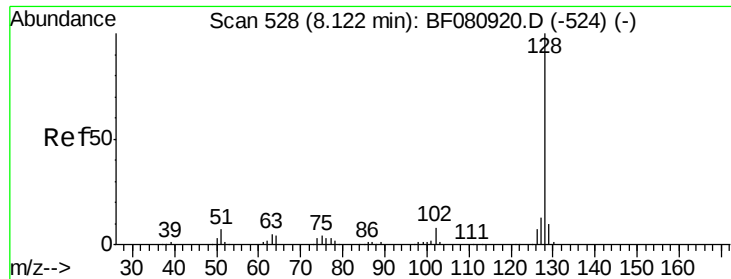
Tot Ion:162 Resp: 78704
 Ion Ratio Lower Upper
 162 100
 164 64.2 42.3 82.3
 98 46.4 27.7 67.7



#30
 1,2,4-Trichlorobenzene
 Concen: 37.62 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.06 min
 Lab File: BF080986.D
 Acq: 13 Aug 2015 18:03

Tgt Ion:180 Resp: 89676
 Ion Ratio Lower Upper
 180 100
 182 96.7 77.4 116.0
 145 33.1 23.2 34.8

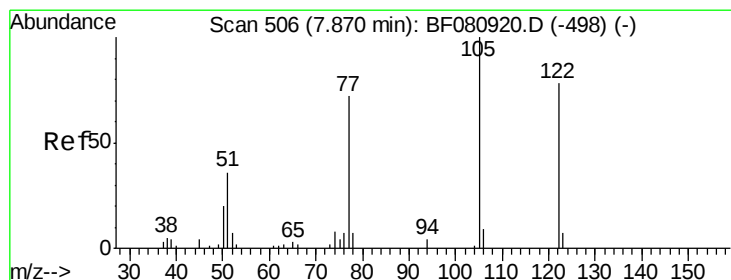
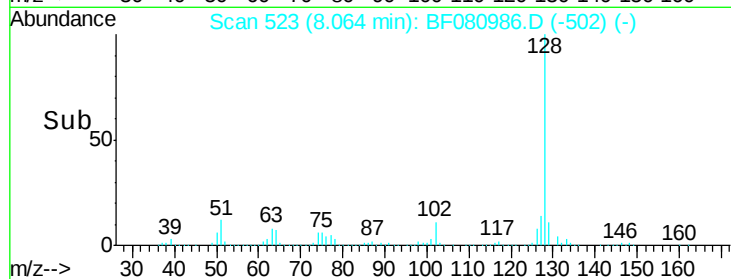
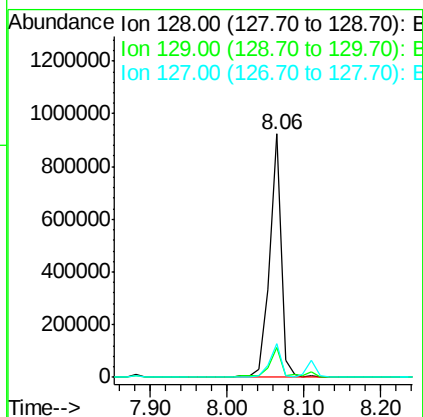
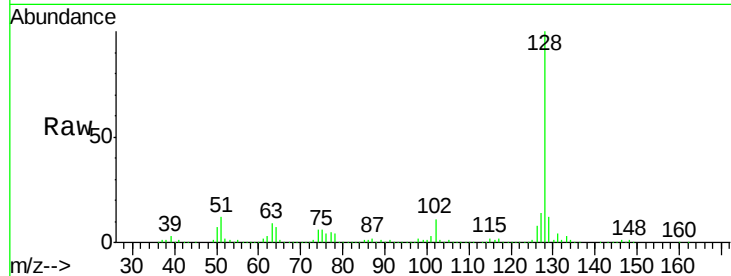




#31
Naphthalene
Concen: 111.64 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.06 min
Lab File: BF080986.D
Acq: 13 Aug 2015 18:03

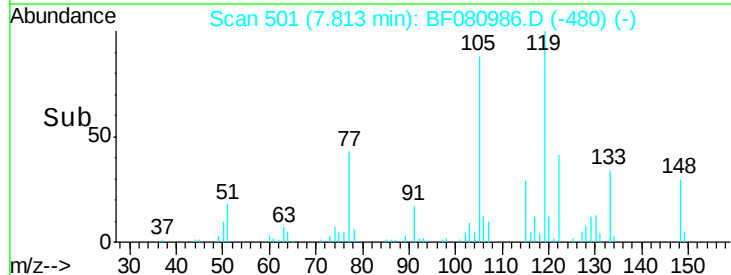
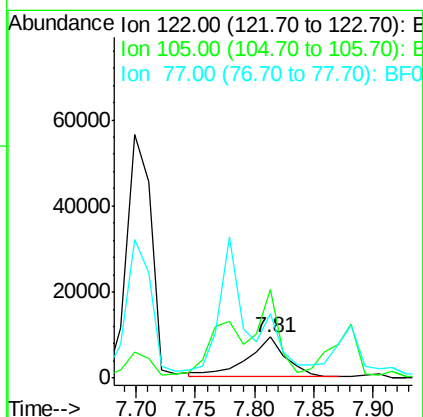
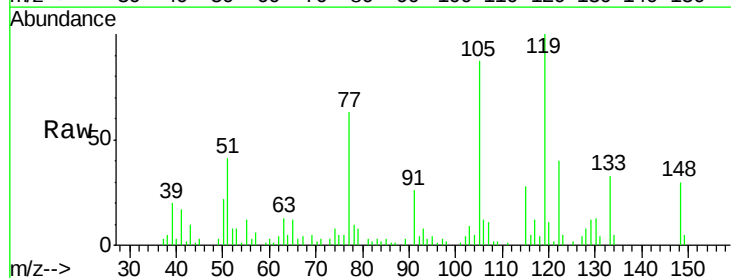
Instrument :
BNA_F
ClientSampleId :
S-A(2)MS

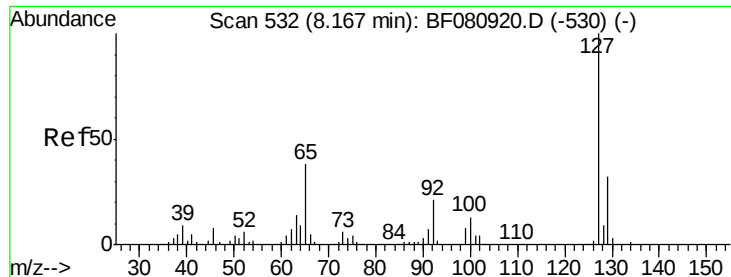
Tot Ion:128 Resp: 952359
Ion Ratio Lower Upper
128 100
129 12.2 8.4 12.6
127 14.1 10.5 15.7



#32
Benzoic acid
Concen: 13.30 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.06 min
Lab File: BF080986.D
Acq: 13 Aug 2015 18:03

Tgt Ion:122 Resp: 21133
Ion Ratio Lower Upper
122 100
105 218.4 103.6 143.6#
77 157.4 70.4 110.4#

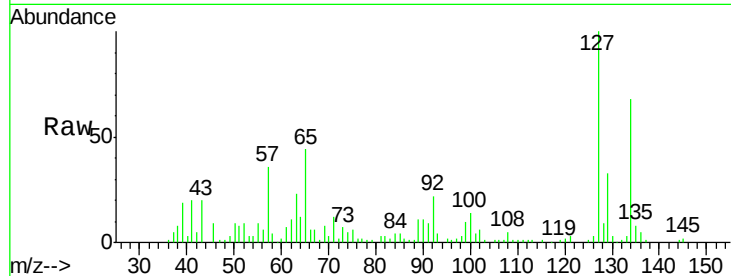




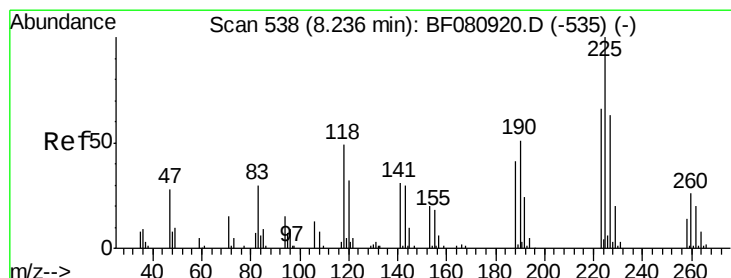
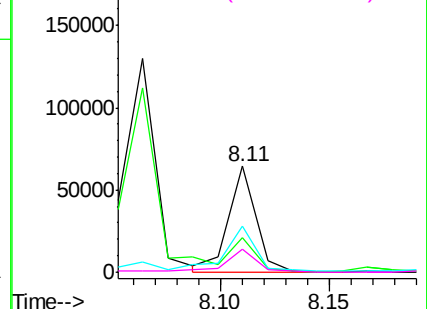
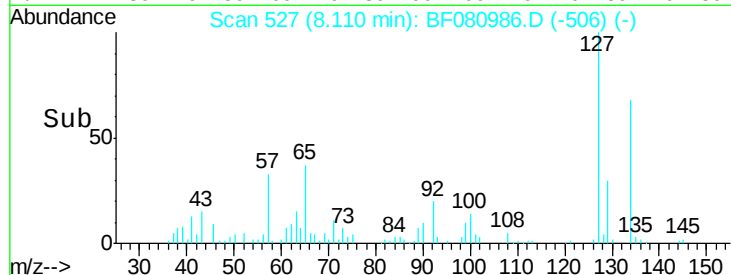
#33
4-Chloroaniline
Concen: 15.91 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.06 min
Lab File: BF080986.D
Acq: 13 Aug 2015 18:03

Instrument :
BNA_F
ClientSampleId :
S-A(2)MS

Tot Ion:	127	Resp:	55149
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.9	38.9
65	43.8	30.6	45.8
92	22.3	16.9	25.3

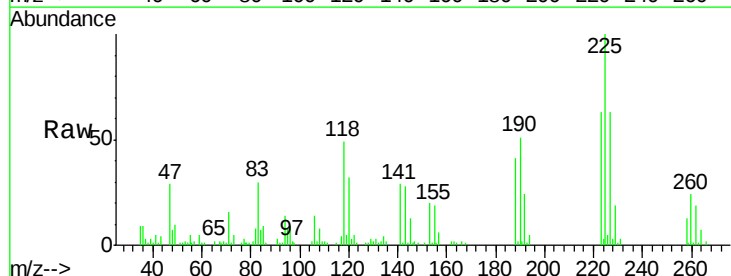


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

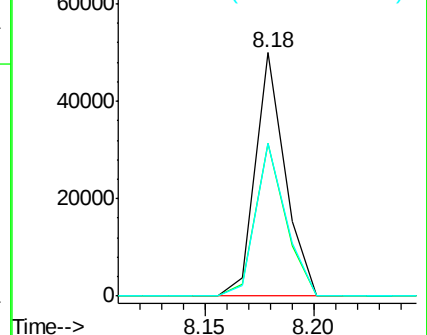
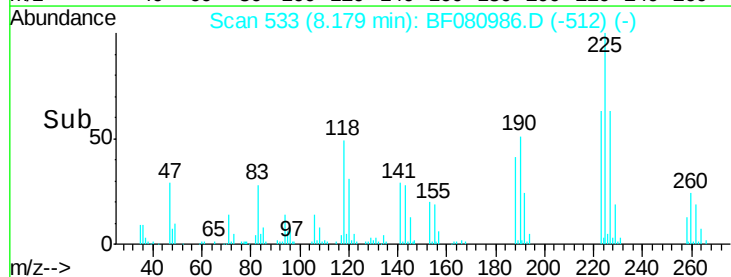


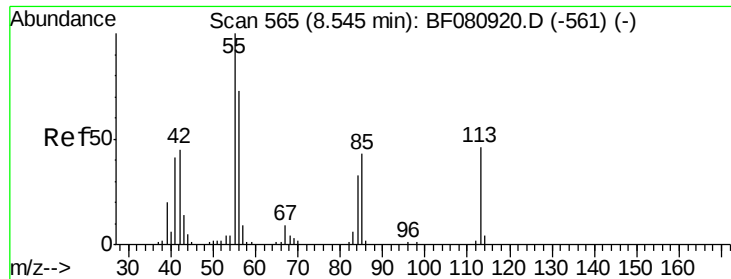
#34
Hexachlorobutadiene
Concen: 33.36 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.06 min
Lab File: BF080986.D
Acq: 13 Aug 2015 18:03

Tgt Ion:	225	Resp:	47308
Ion	Ratio	Lower	Upper
225	100		
223	62.8	52.5	78.7
227	62.5	50.3	75.5



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

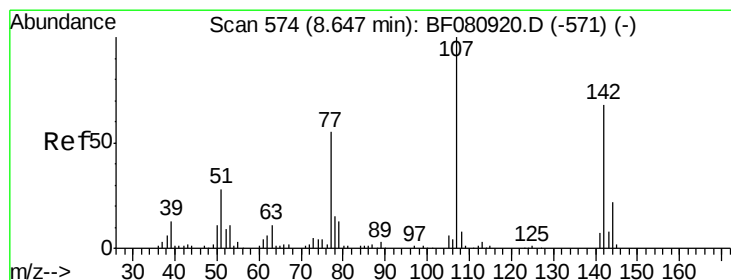
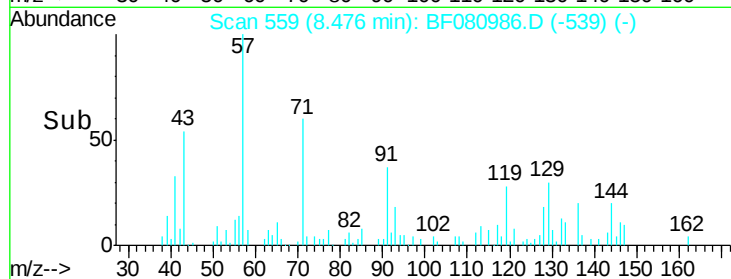
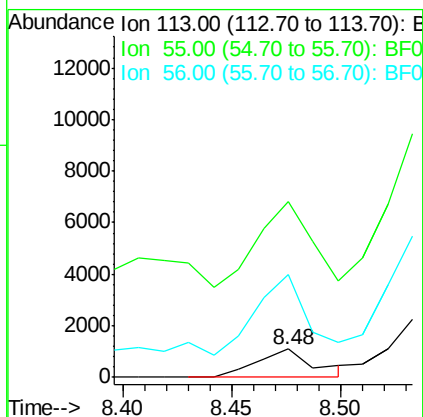
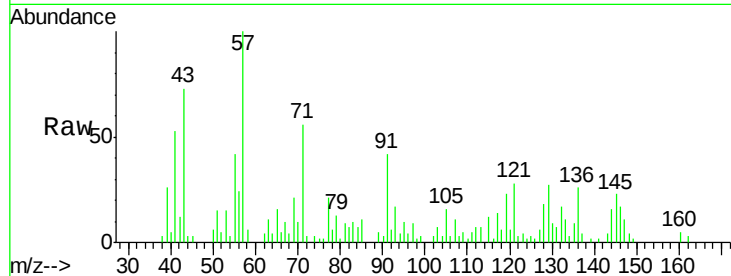




#35
Caprolactam
Concen: 2.57 ng
RT: 8.48 min Scan# 559
Delta R.T. -0.07 min
Lab File: BF080986.D
Acq: 13 Aug 2015 18:03

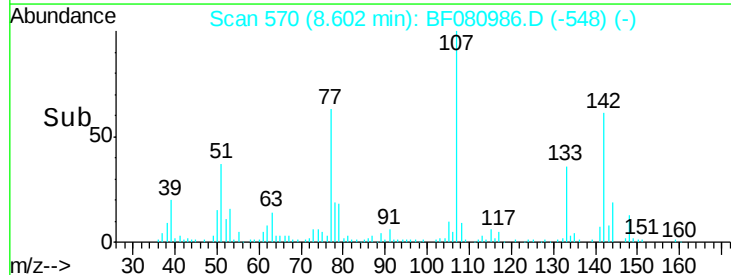
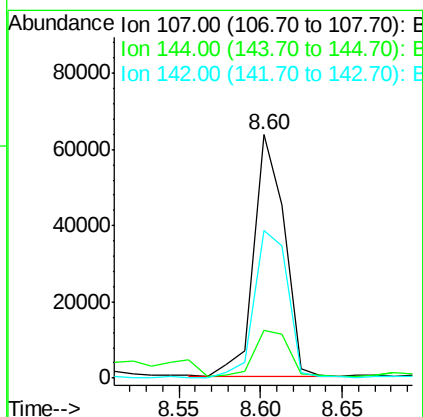
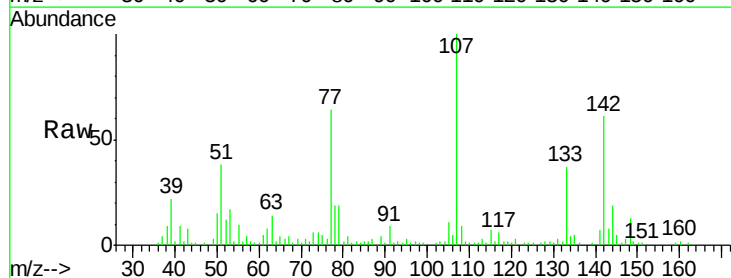
Instrument :
BNA_F
ClientSampleId :
S-A(2)MS

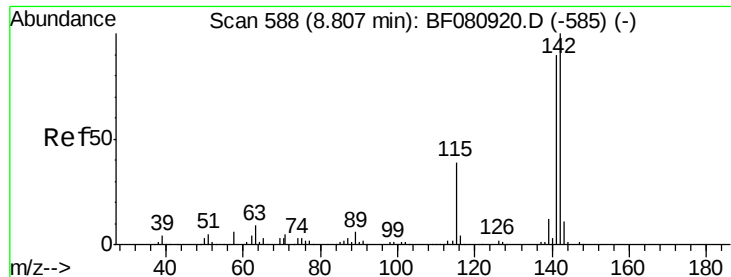
Tot Ion:113 Resp: 2014
Ion Ratio Lower Upper
113 100
55 620.8 196.4 236.4#
56 362.7 137.9 177.9#



#36
4-Chloro-3-methylphenol
Concen: 30.95 ng
RT: 8.60 min Scan# 570
Delta R.T. -0.05 min
Lab File: BF080986.D
Acq: 13 Aug 2015 18:03

Tgt Ion:107 Resp: 82354
Ion Ratio Lower Upper
107 100
144 19.4 17.3 25.9
142 60.7 54.4 81.6

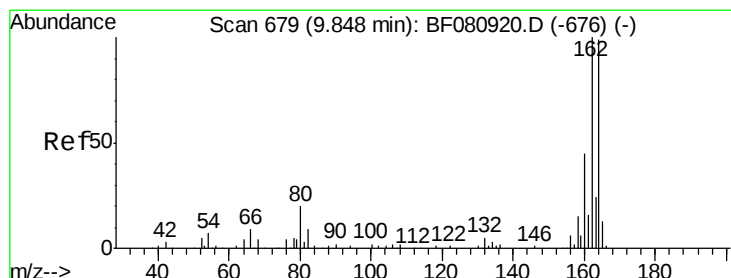
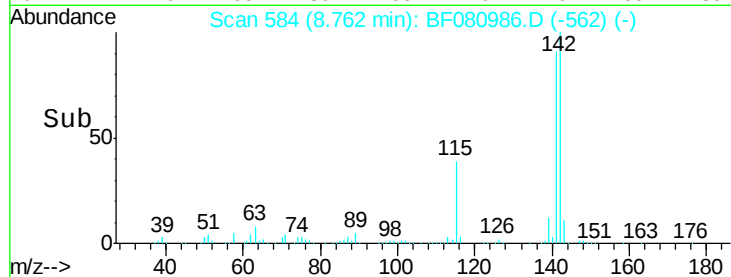
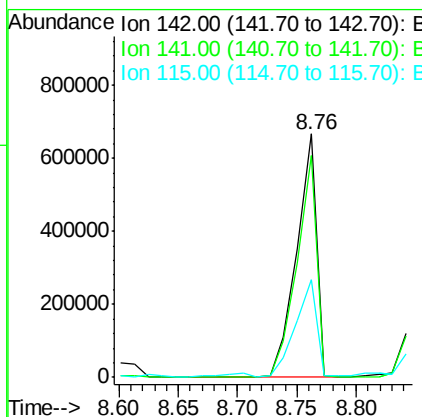
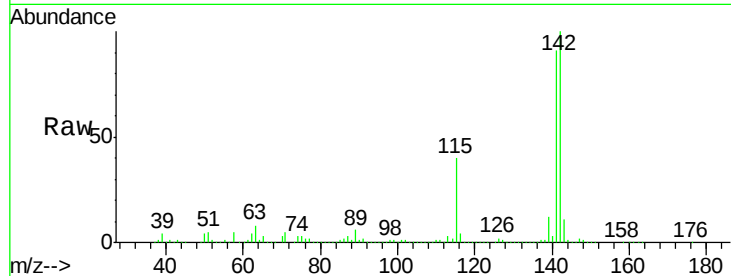




#37
 2-Methylnaphthalene
 Concen: 143.99 ng
 RT: 8.76 min Scan# 584
 Delta R.T. -0.05 min
 Lab File: BF080986.D
 Acq: 13 Aug 2015 18:03

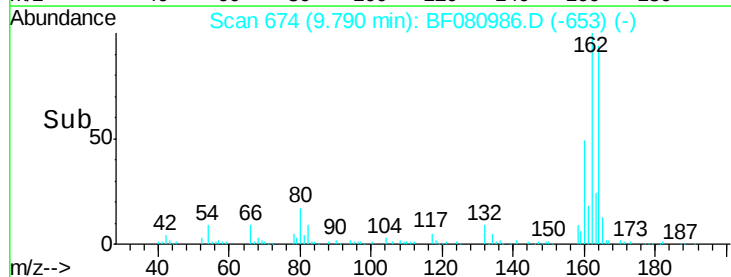
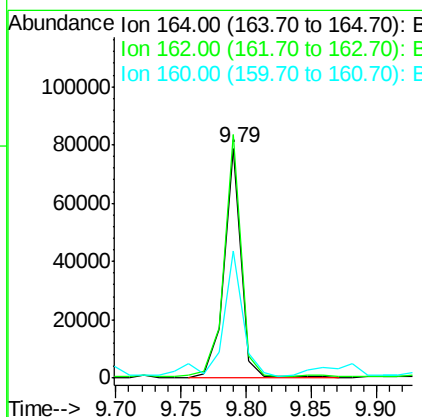
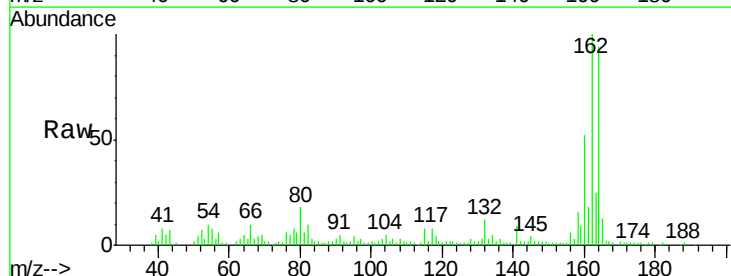
Instrument :
 BNA_F
 ClientSampleId :
 S-A(2)MS

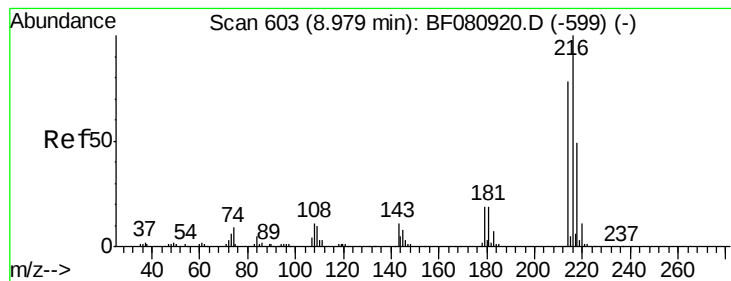
Tot Ion:142 Resp: 781891
 Ion Ratio Lower Upper
 142 100
 141 91.0 71.7 107.5
 115 40.2 30.9 46.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.06 min
 Lab File: BF080986.D
 Acq: 13 Aug 2015 18:03

Tgt Ion:164 Resp: 72549
 Ion Ratio Lower Upper
 164 100
 162 106.1 80.5 120.7
 160 55.2 36.6 54.8#





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.04 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.06 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

Instrument :

BNA_F

ClientSampleId :

S-A(2)MS

Tot Ion:216 Resp: 71661

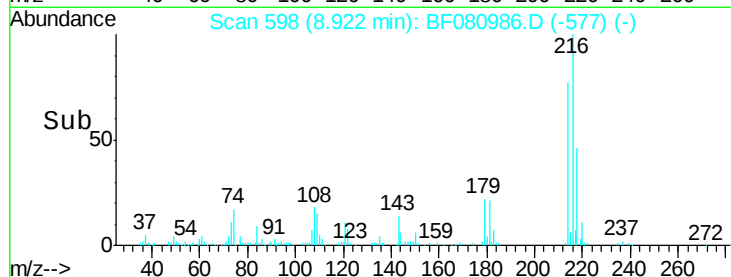
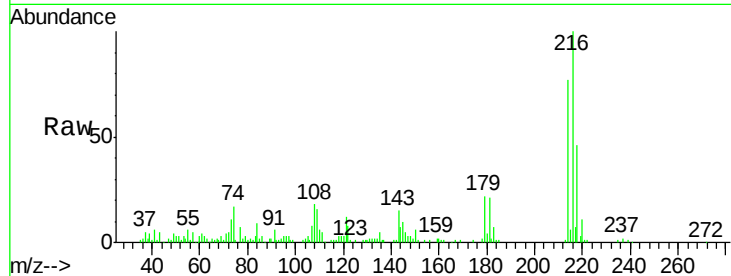
Ion Ratio Lower Upper

216 100

214 78.4 63.0 94.4

179 23.0 17.2 25.8

108 27.8 16.1 24.1#

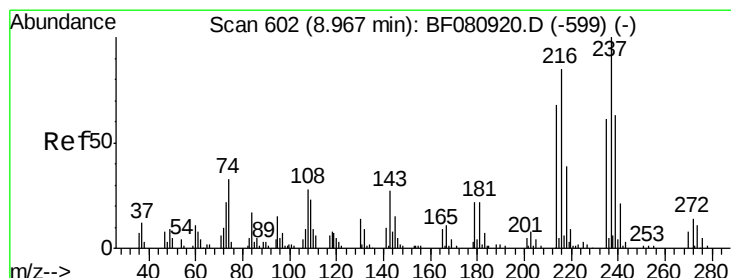
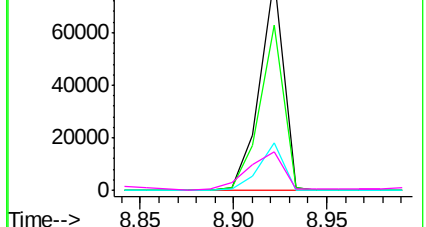


Abundance Ion 216.00 (215.70 to 216.70): E

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: 61.52 ng

RT: 8.91 min Scan# 597

Delta R.T. -0.06 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

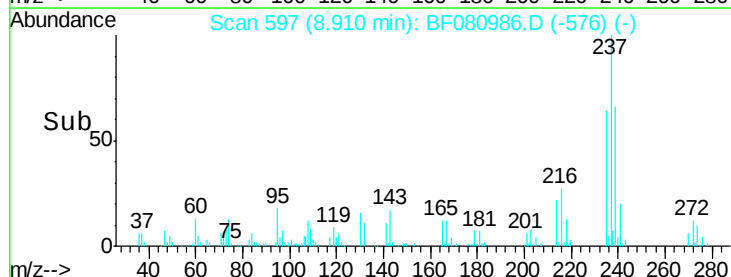
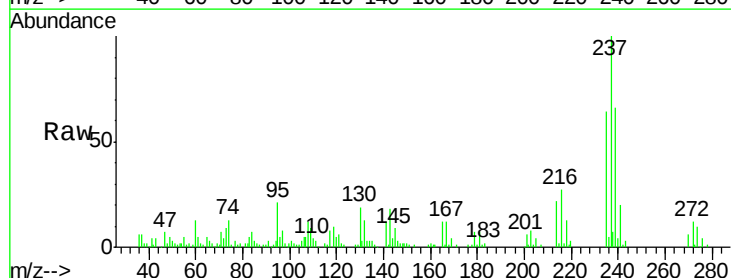
Tgt Ion:237 Resp: 75086

Ion Ratio Lower Upper

237 100

235 64.1 41.3 81.3

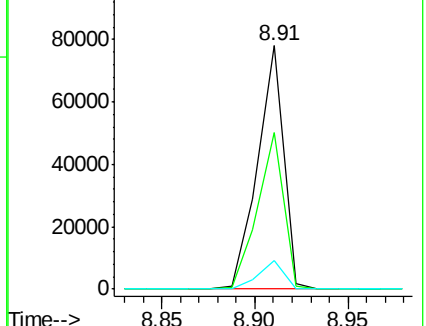
272 11.7 0.0 33.6

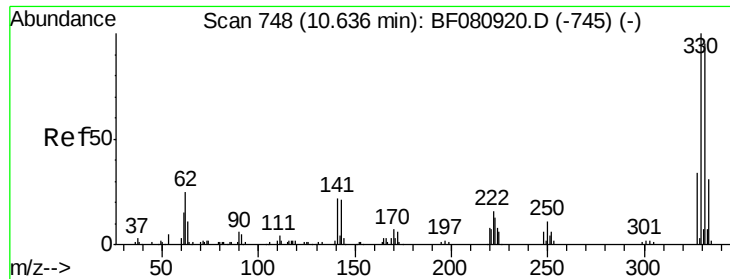


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

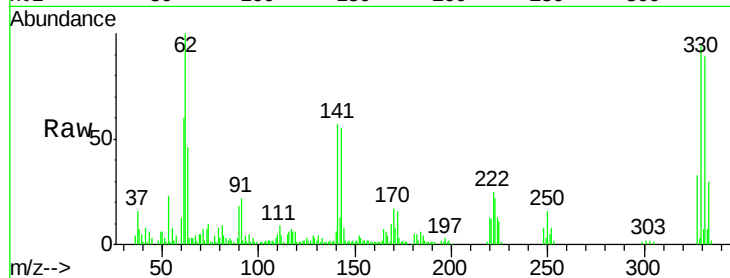




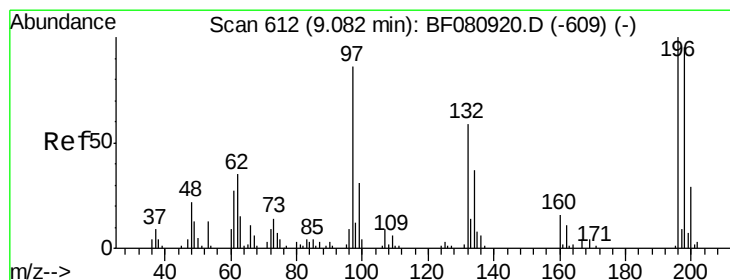
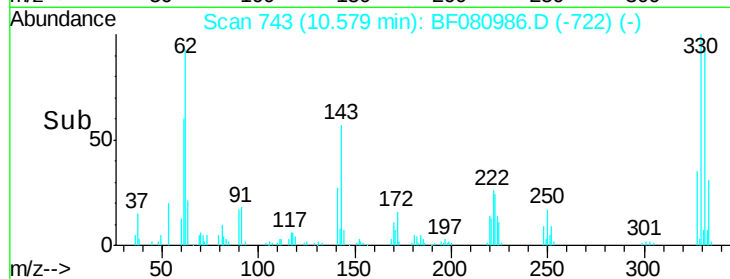
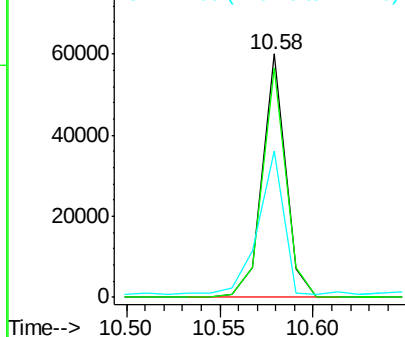
#41
 2,4,6-Tribromophenol
 Concen: 64.66 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.06 min
 Lab File: BF080986.D
 Acq: 13 Aug 2015 18:03

Instrument :
 BNA_F
 ClientSampleId :
 S-A(2)MS

Tot Ion:330 Resp: 51533
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.2 114.4
 141 65.7 27.8 41.8#

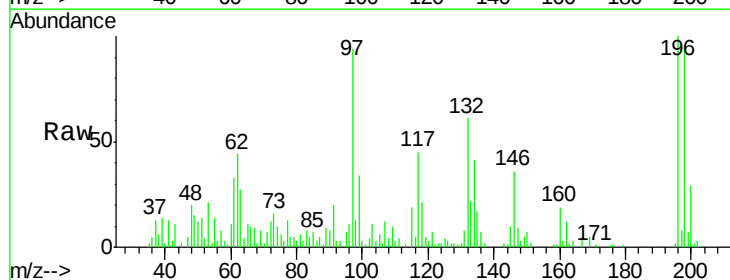


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

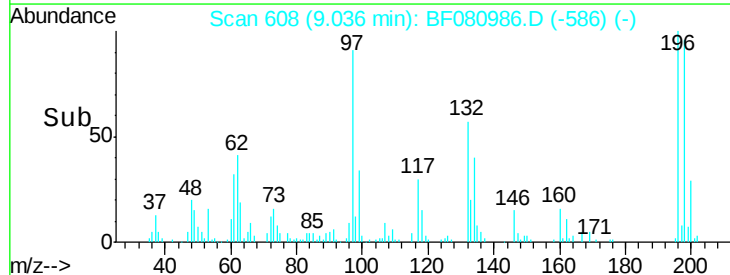
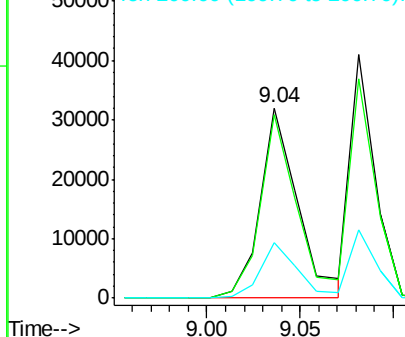


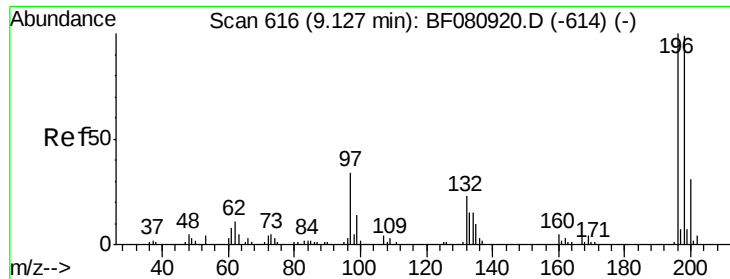
#42
 2,4,6-Trichlorophenol
 Concen: 27.64 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.05 min
 Lab File: BF080986.D
 Acq: 13 Aug 2015 18:03

Tgt Ion:196 Resp: 45309
 Ion Ratio Lower Upper
 196 100
 198 96.4 75.9 113.9
 200 29.2 23.1 34.7



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

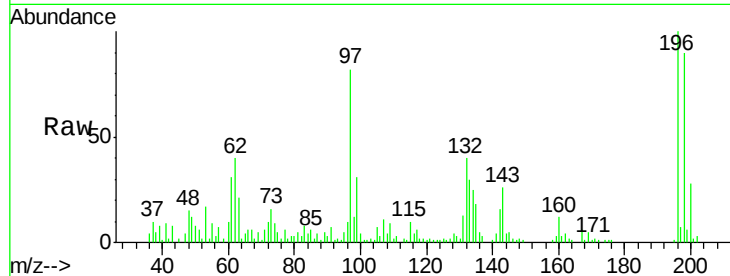




#43
 2,4,5-Trichlorophenol
 Concen: 23.04 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.05 min
 Lab File: BF080986.D
 Acq: 13 Aug 2015 18:03

Instrument :
 BNA_F
 ClientSampleId :
 S-A(2)MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	90.3	78.9	118.3
97	82.4	29.1	43.7#
132	39.6	19.1	28.7#



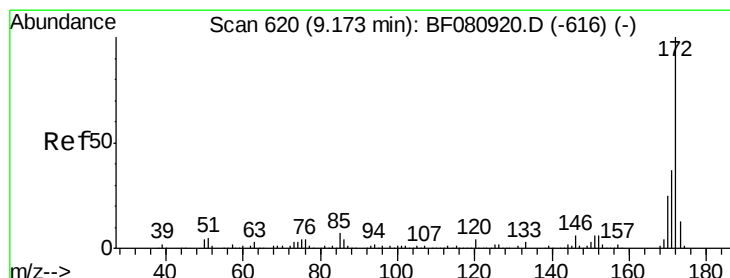
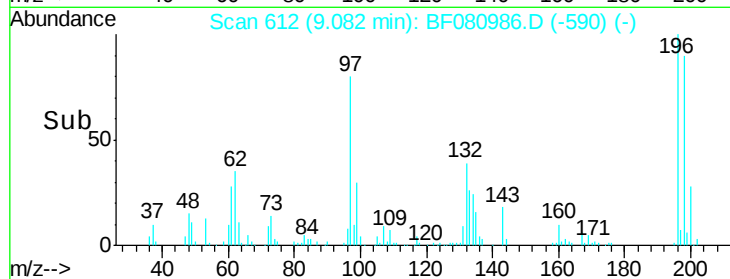
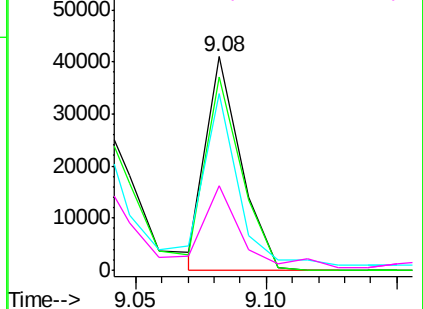
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

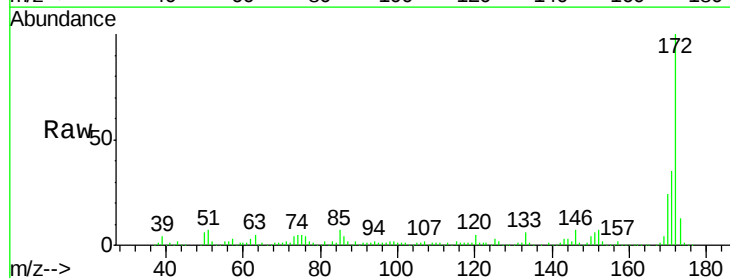
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 62.99 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF080986.D
 Acq: 13 Aug 2015 18:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.4	44.0
170	24.1	19.7	29.5

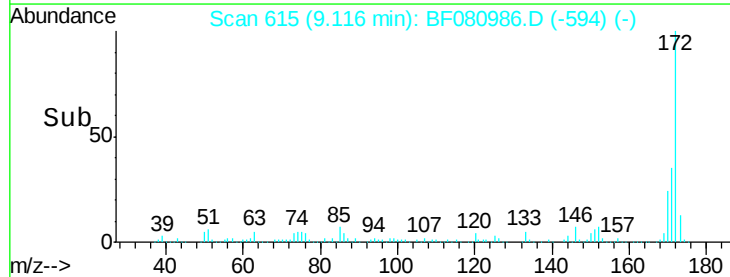
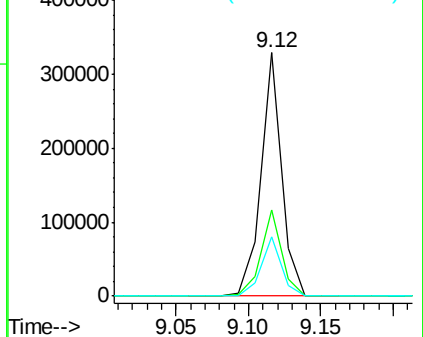


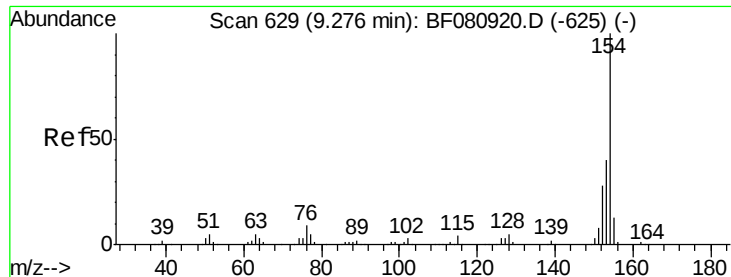
Abundance

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: 41.07 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.06 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

Instrument :

BNA_F

ClientSampleId :

S-A(2)MS

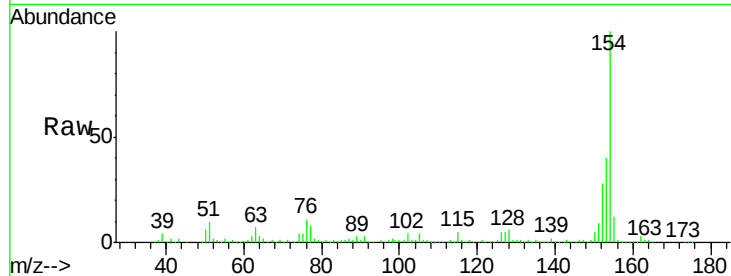
Tot Ion:154 Resp: 255741

Ion Ratio Lower Upper

154 100

153 40.5 20.1 60.1

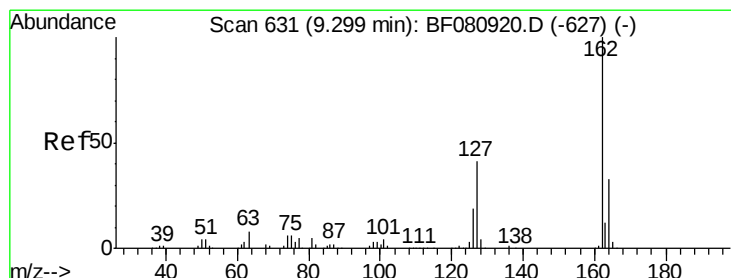
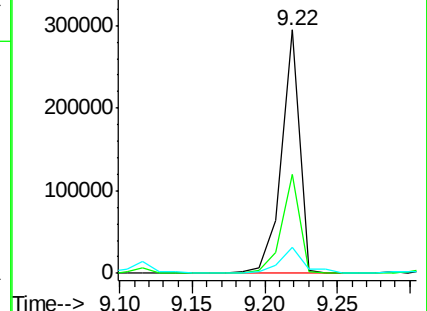
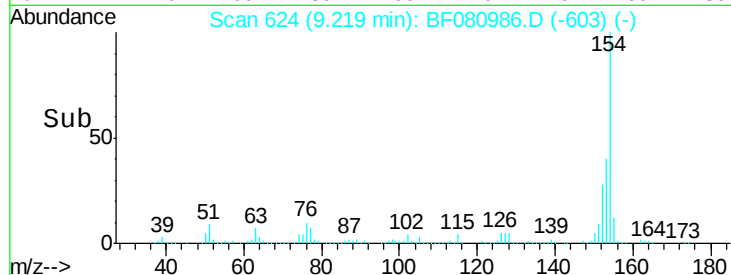
76 10.5 0.0 29.3



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: 29.54 ng

RT: 9.24 min Scan# 626

Delta R.T. -0.06 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

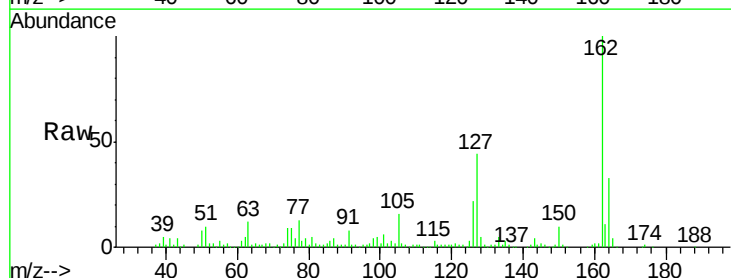
Tgt Ion:162 Resp: 143408

Ion Ratio Lower Upper

162 100

127 43.7 32.5 48.7

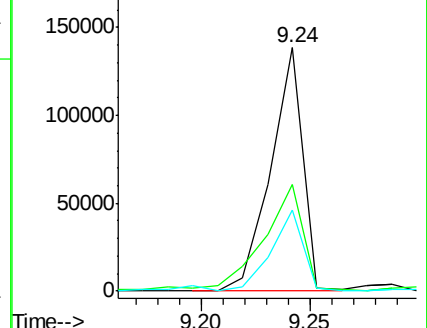
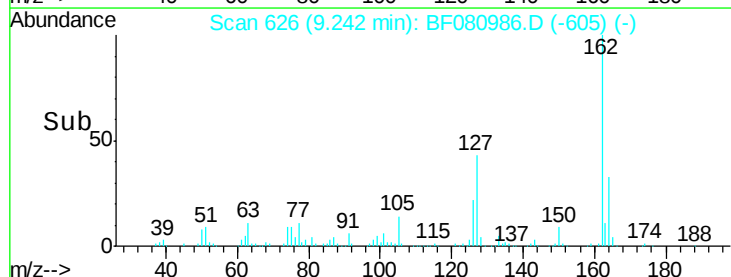
164 33.4 26.2 39.4

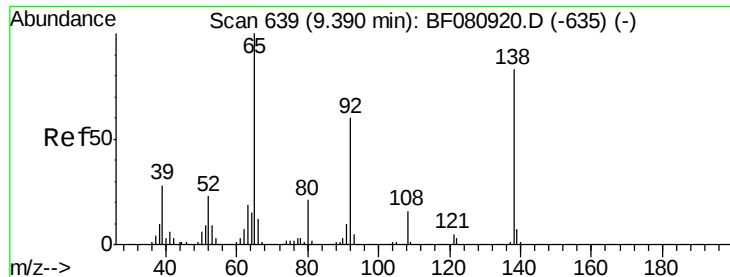


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

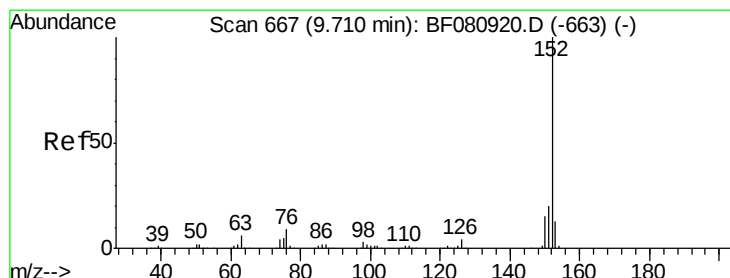
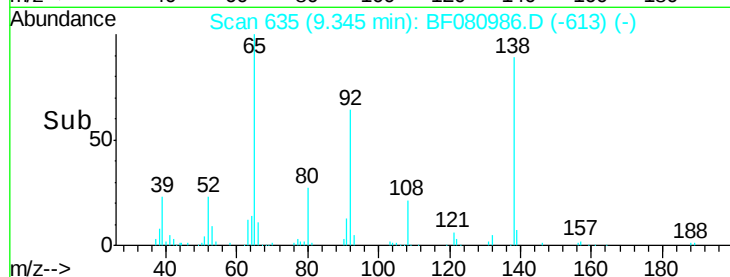
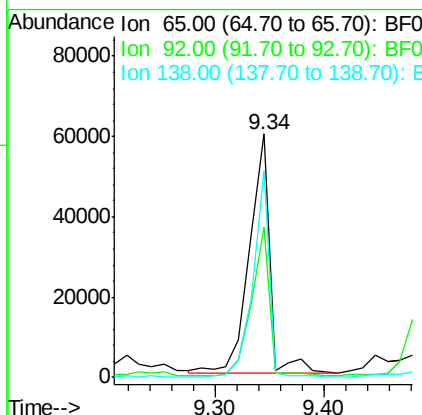
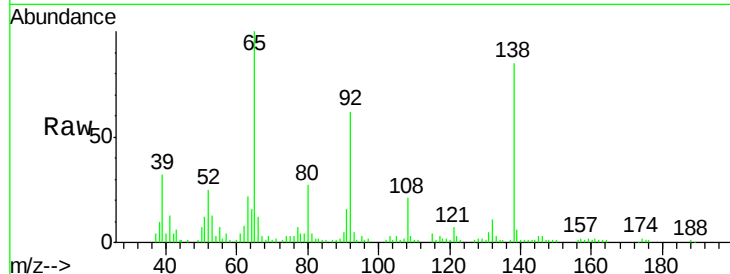




#47
2-Nitroaniline
Concen: 39.95 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.05 min
Lab File: BF080986.D
Acq: 13 Aug 2015 18:03

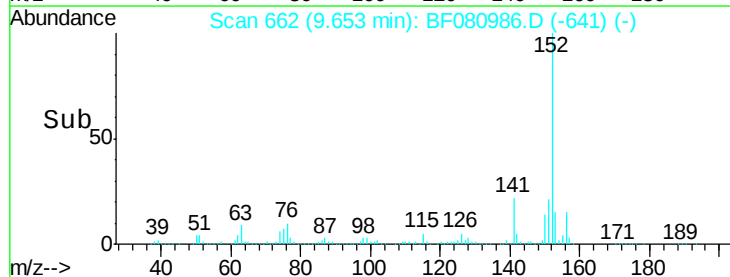
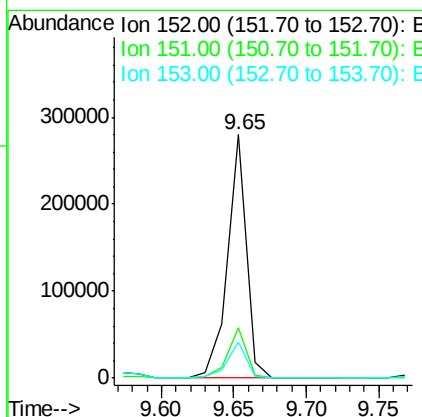
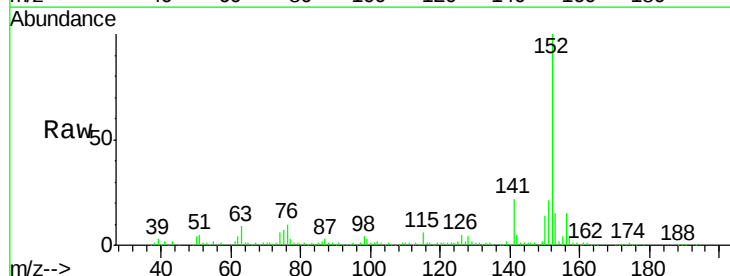
Instrument :
BNA_F
ClientSampleId :
S-A(2)MS

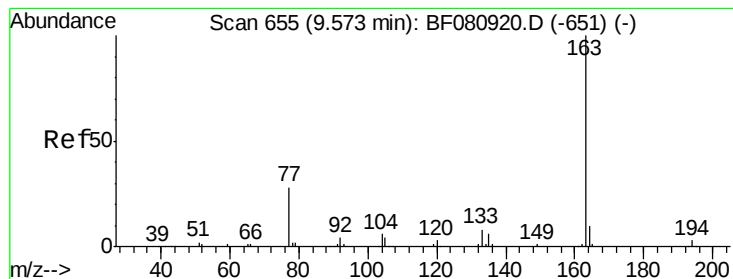
Tot Ion	Ratio	Lower	Upper
65	100		
92	61.5	48.0	72.0
138	84.8	66.1	99.1



#48
Acenaphthylene
Concen: 29.78 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.06 min
Lab File: BF080986.D
Acq: 13 Aug 2015 18:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	14.9	10.5	15.7





#49

Dimethylphthalate

Concen: 31.88 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.05 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

Instrument :

BNA_F

ClientSampleId :

S-A(2)MS

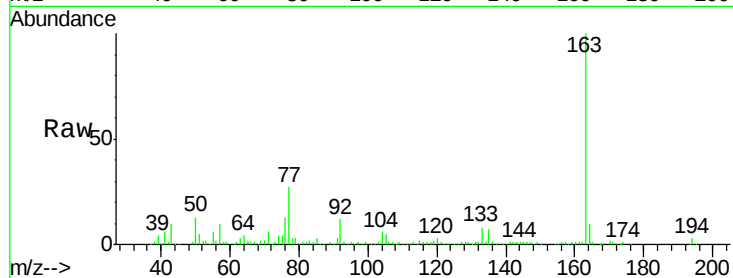
Tot Ion:163 Resp: 192118

Ion Ratio Lower Upper

163 100

194 3.3 2.4 3.6

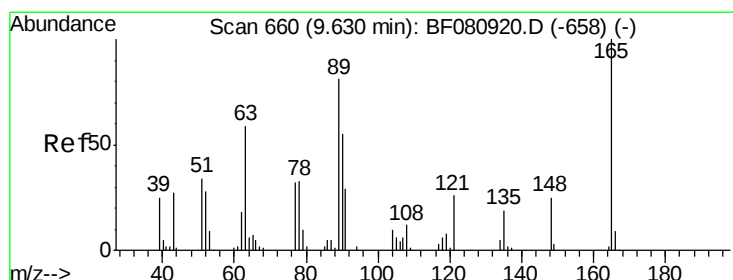
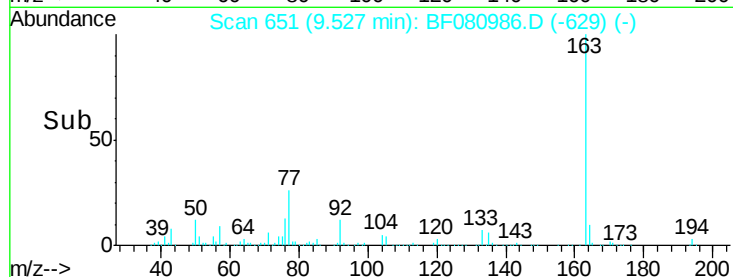
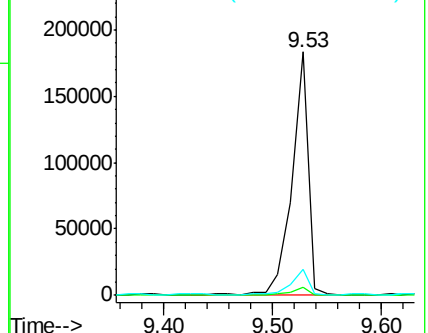
164 10.4 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 32.19 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.05 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

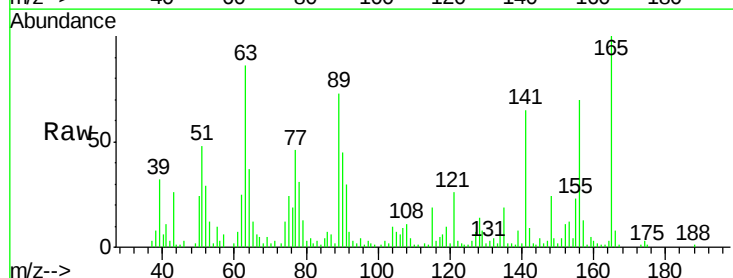
Tgt Ion:165 Resp: 40080

Ion Ratio Lower Upper

165 100

63 86.0 77.6 116.4

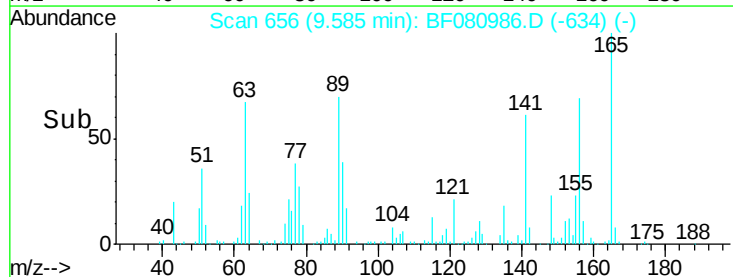
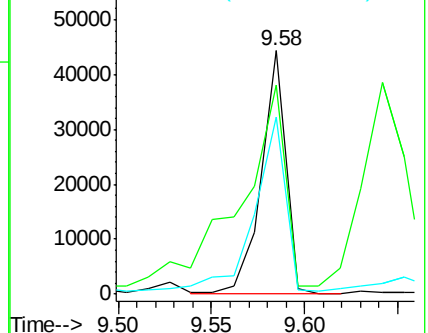
89 72.5 64.5 96.7

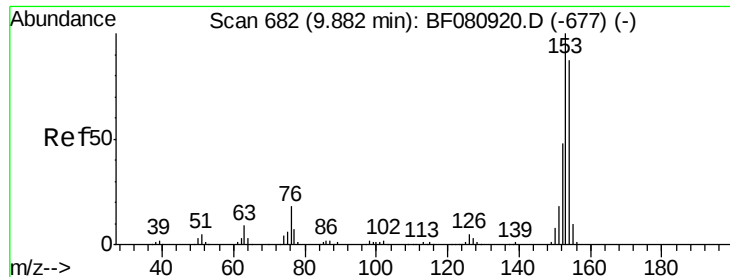


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.14 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.06 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

Instrument :

BNA_F

ClientSampleId :

S-A(2)MS

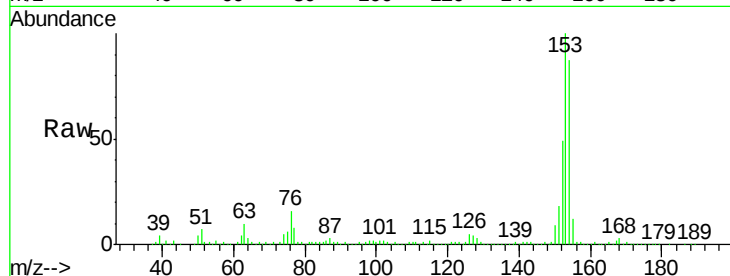
Tot Ion:154 Resp: 217824

Ion Ratio Lower Upper

154 100

153 115.4 91.4 137.2

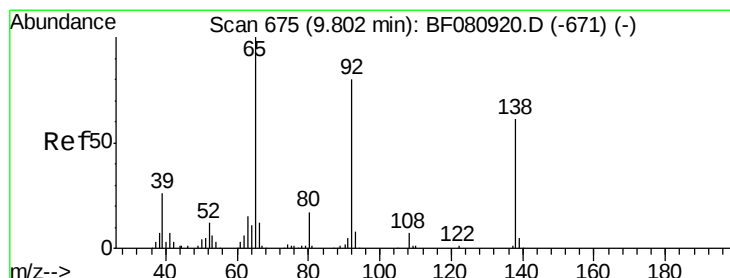
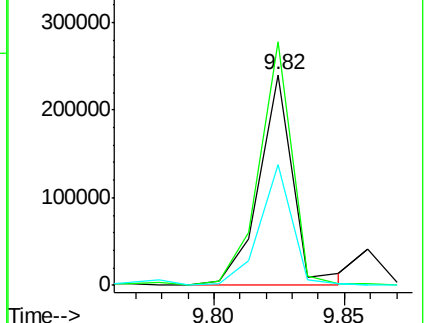
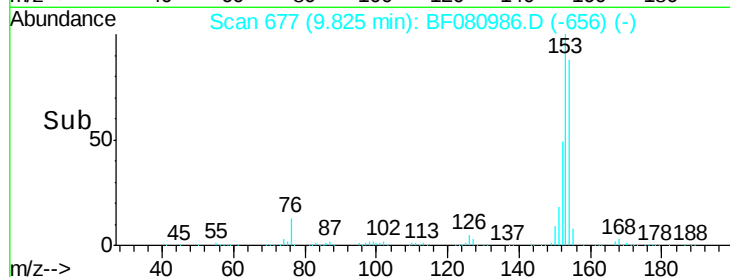
152 57.0 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 16.45 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.06 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

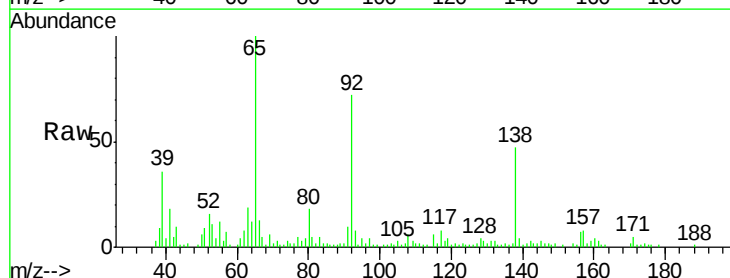
Tgt Ion:138 Resp: 25254

Ion Ratio Lower Upper

138 100

108 13.5 8.7 13.1#

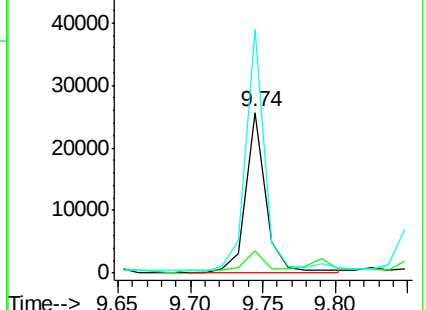
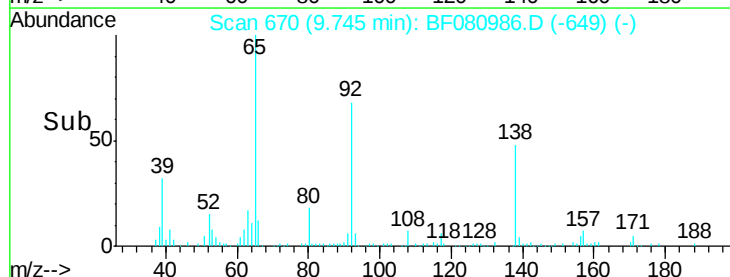
92 151.2 104.4 156.6

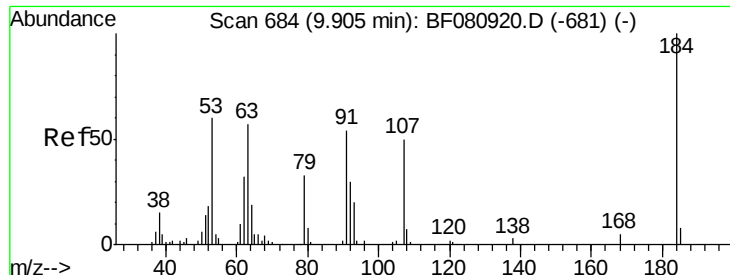


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

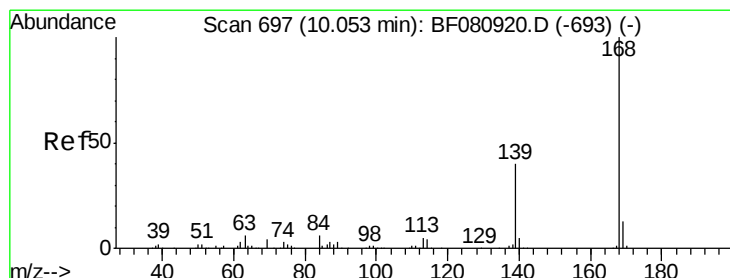
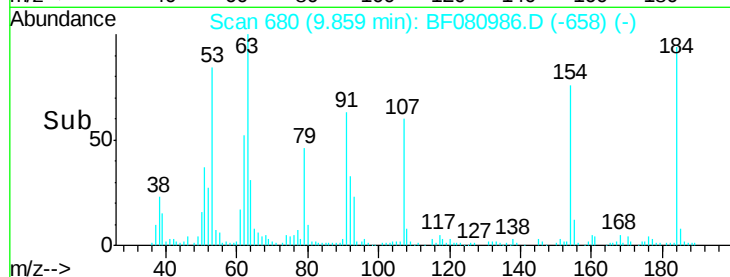
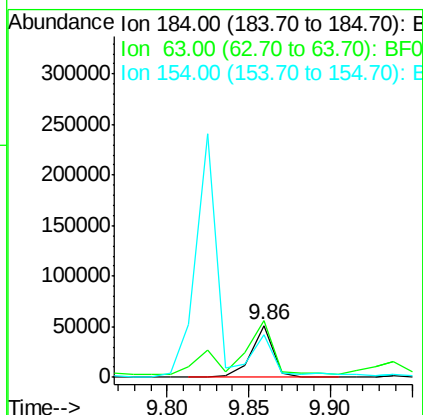
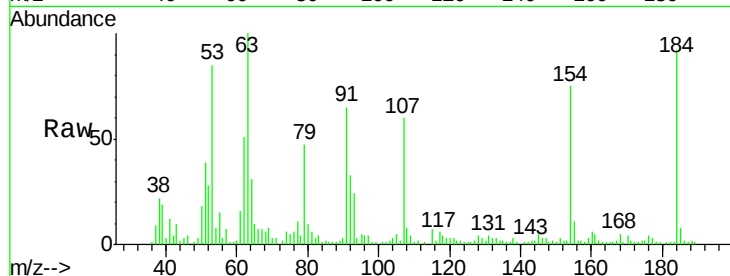




#53
2,4-Dinitrophenol
Concen: 64.97 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.05 min
Lab File: BF080986.D
Acq: 13 Aug 2015 18:03

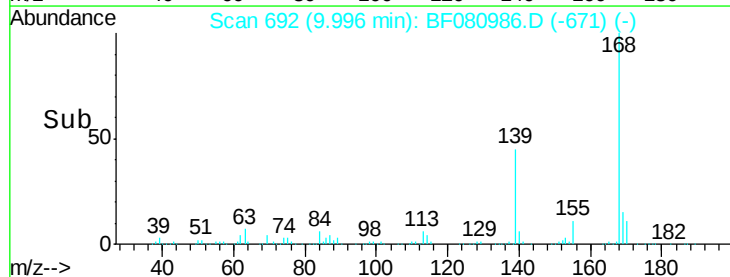
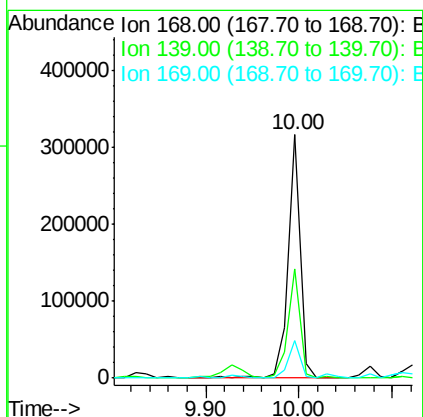
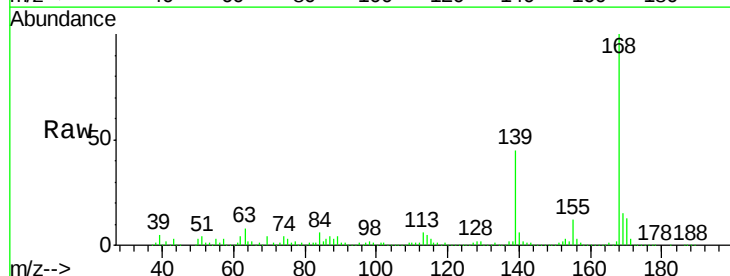
Instrument :
BNA_F
ClientSampleId :
S-A(2)MS

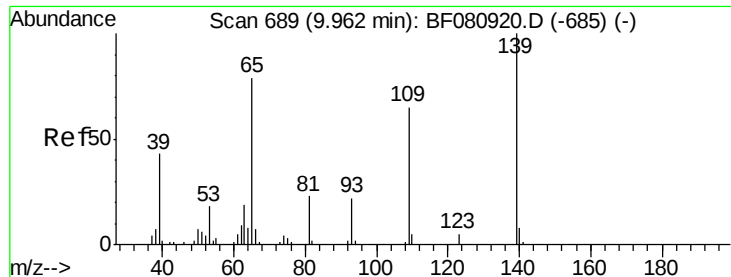
Tot Ion:184 Resp: 48199
Ion Ratio Lower Upper
184 100
63 109.0 59.7 89.5#
154 81.4 53.8 80.8#



#54
Dibenzofuran
Concen: 41.06 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.06 min
Lab File: BF080986.D
Acq: 13 Aug 2015 18:03

Tgt Ion:168 Resp: 286963
Ion Ratio Lower Upper
168 100
139 45.0 31.9 47.9
169 15.4 10.6 15.8

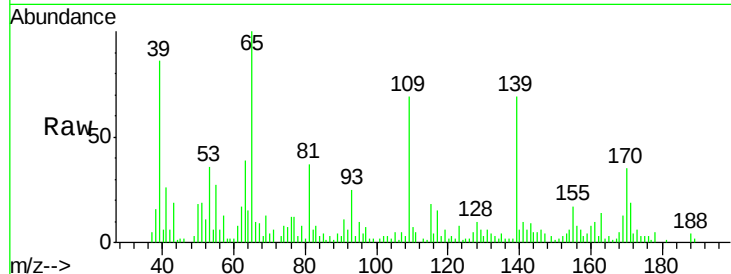




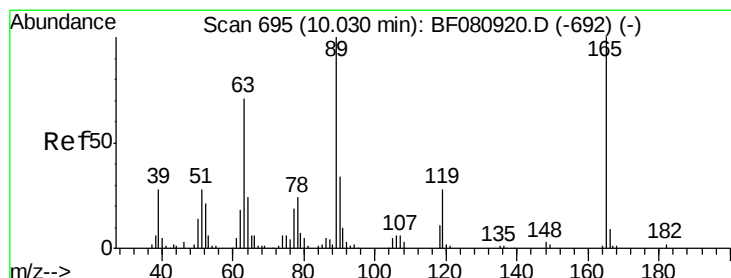
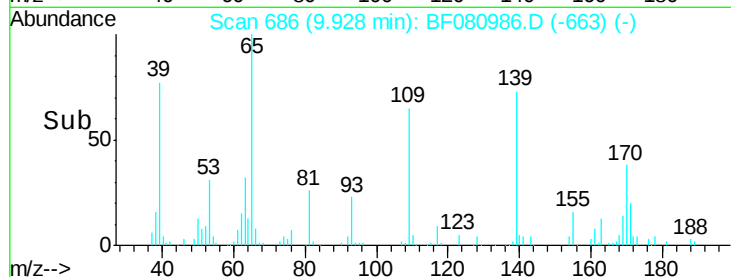
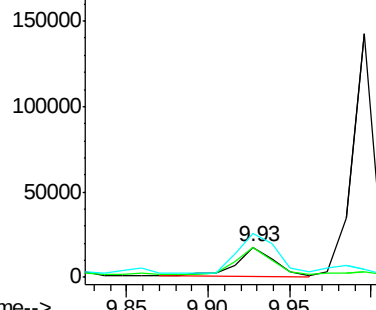
#55
4-Nitrophenol
Concen: 24.59 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF080986.D
Acq: 13 Aug 2015 18:03

Instrument :
BNA_F
ClientSampleId :
S-A(2)MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	99.3	44.7	84.7#
65	144.7	59.5	99.5#



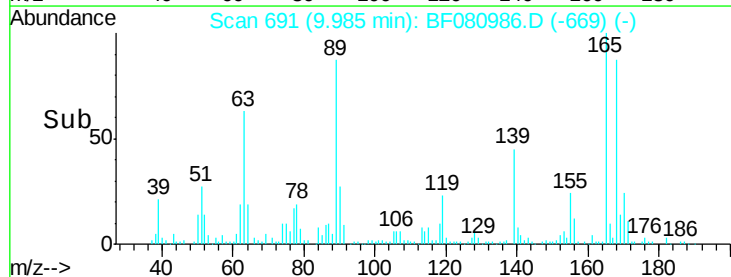
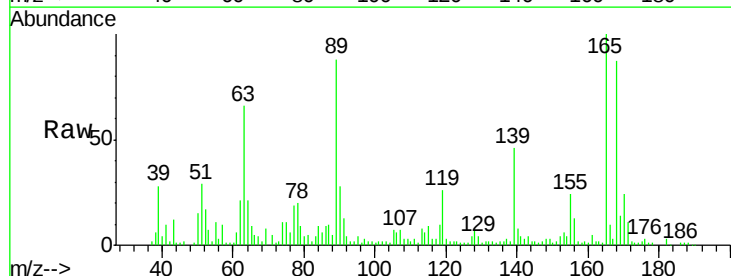
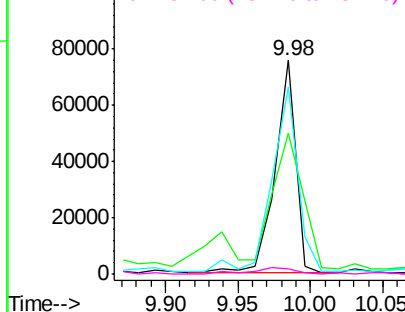
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

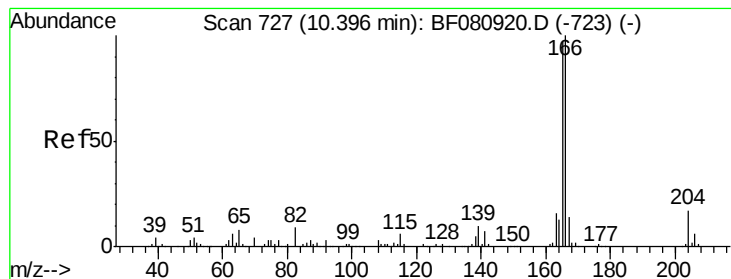


#56
2,4-Dinitrotoluene
Concen: 44.96 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.05 min
Lab File: BF080986.D
Acq: 13 Aug 2015 18:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	66.0	56.7	85.1
89	87.7	80.4	120.6
182	2.5	1.5	2.3#

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: 38.99 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.06 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

Instrument :

BNA_F

ClientSampleID :

S-A(2)MS

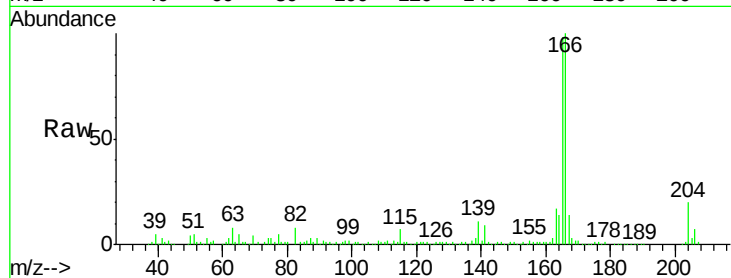
Tot Ion:166 Resp: 210784

Ion Ratio Lower Upper

166 100

165 97.9 77.2 115.8

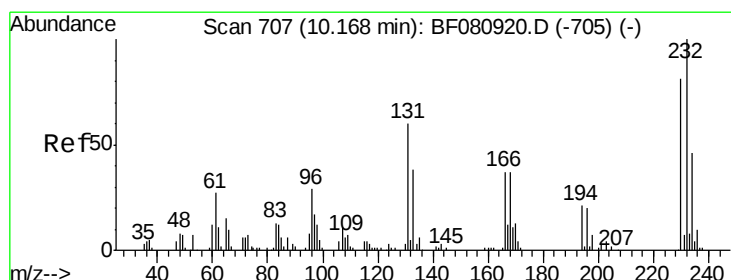
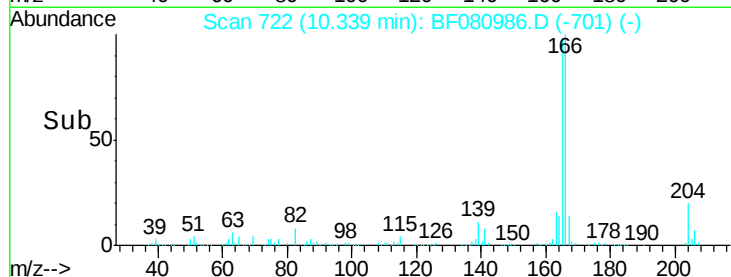
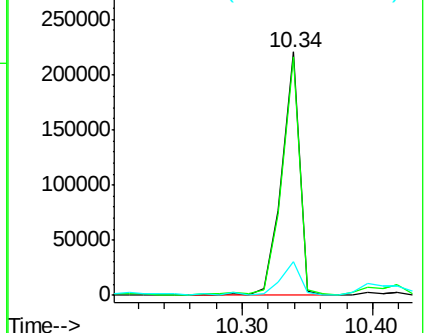
167 14.0 10.8 16.2



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: 34.41 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.05 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

Tgt Ion:232 Resp: 44977

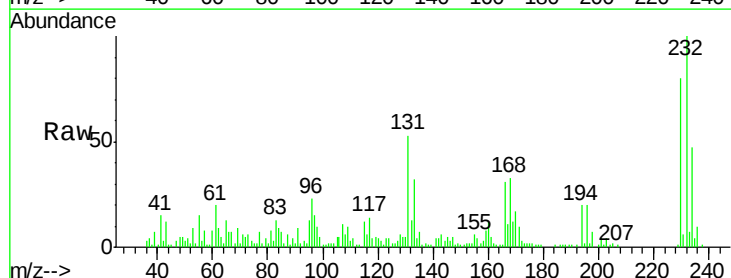
Ion Ratio Lower Upper

232 100

131 64.0 39.4 59.2#

130 6.3 2.1 3.1#

166 37.3 21.7 32.5#

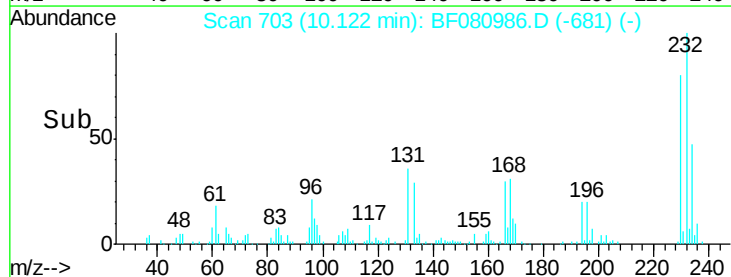
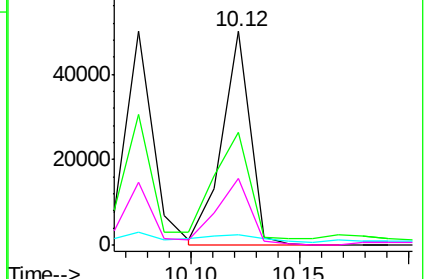


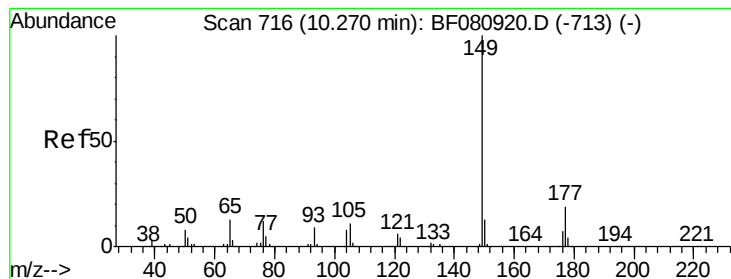
Abundance Ion 232.00 (231.70 to 232.70): E

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: 33.62 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.06 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

Instrument :

BNA_F

ClientSampleId :

S-A(2)MS

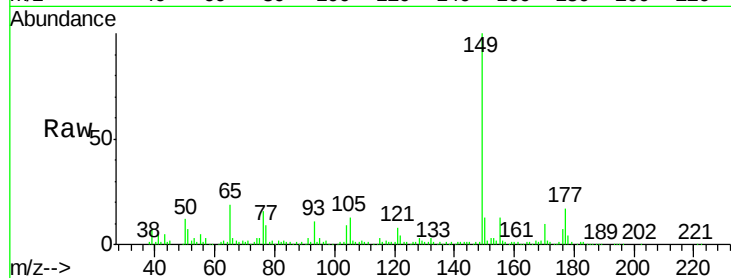
Tot Ion:149 Resp: 210907

Ion Ratio Lower Upper

149 100

177 17.0 15.0 22.4

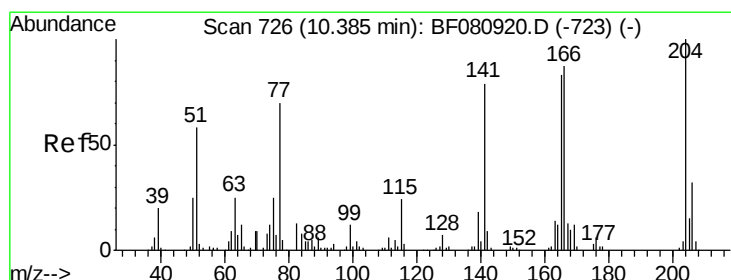
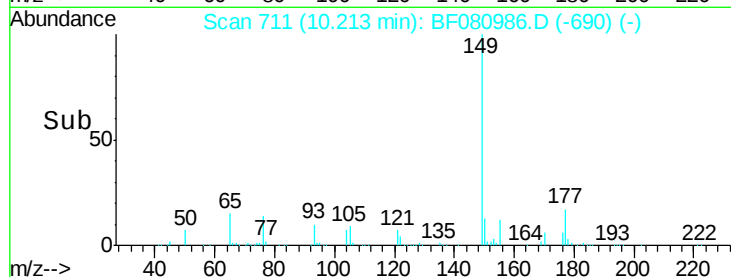
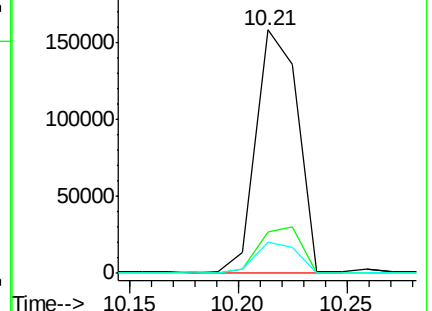
150 13.0 10.4 15.6



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: 27.59 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.06 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

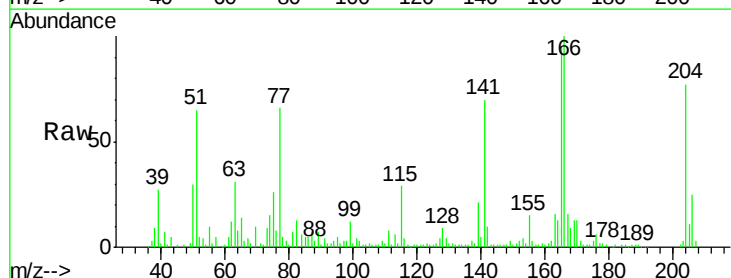
Tgt Ion:204 Resp: 72671

Ion Ratio Lower Upper

204 100

206 32.3 25.5 38.3

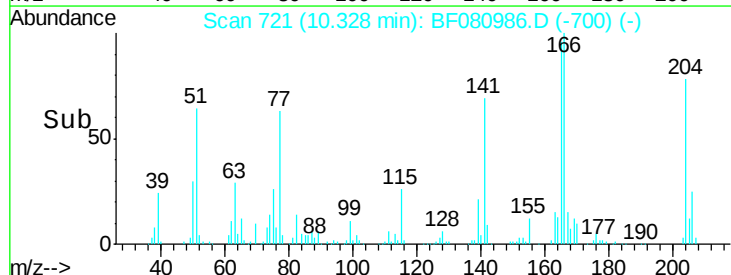
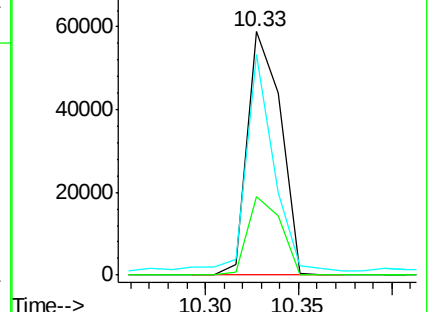
141 90.7 63.4 95.0

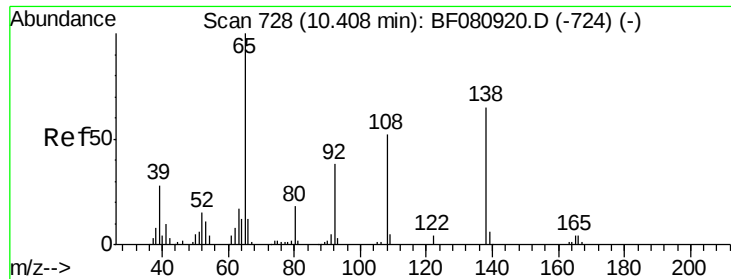


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 27.16 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.05 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

Instrument :

BNA_F

ClientSampleId :

S-A(2)MS

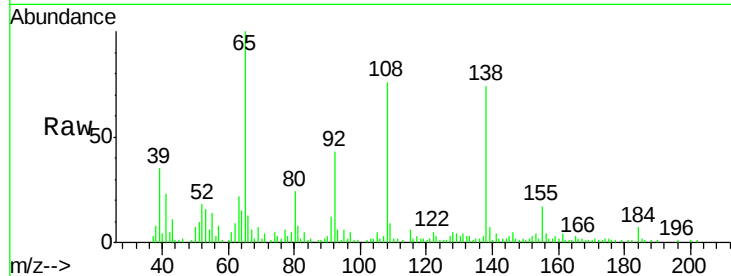
Tot Ion:138 Resp: 42901

Ion Ratio Lower Upper

138 100

92 57.7 38.1 78.1

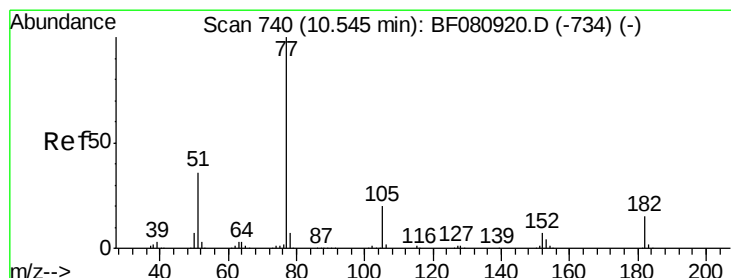
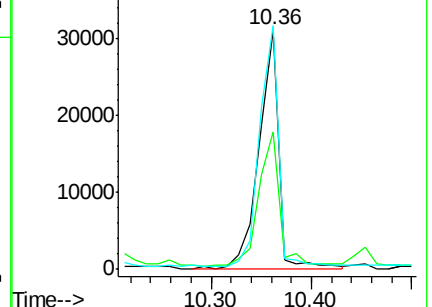
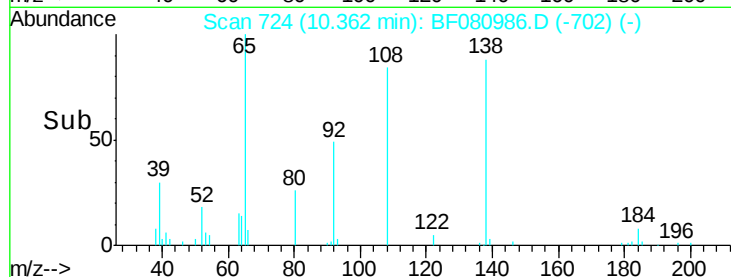
108 102.0 59.9 99.9#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 29.72 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.06 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

Tgt Ion: 77 Resp: 208488

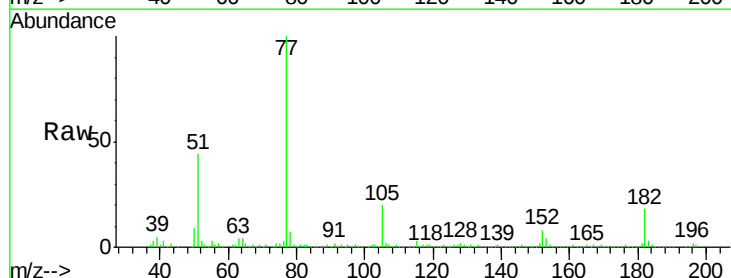
Ion Ratio Lower Upper

77 100

182 18.0 0.0 35.5

105 19.6 0.5 40.5

51 44.3 15.6 55.6

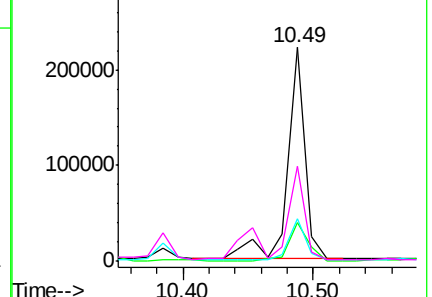
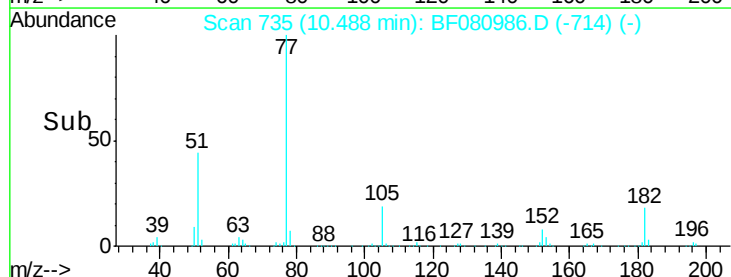


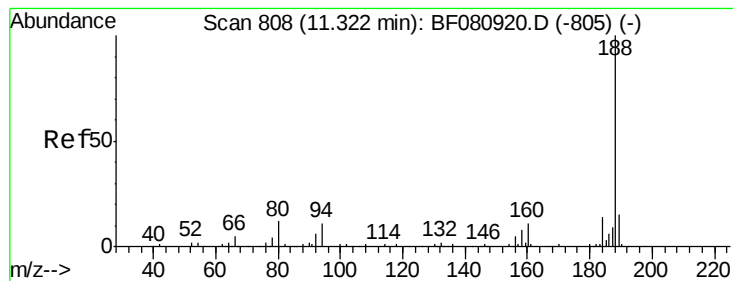
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.06 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

Instrument :

BNA_F

ClientSampleId :

S-A(2)MS

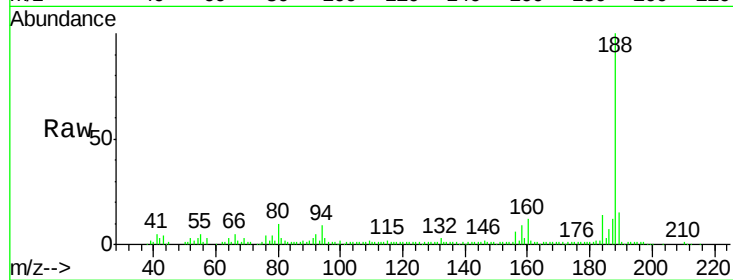
Tot Ion:188 Resp: 109005

Ion Ratio Lower Upper

188 100

94 8.8 8.8 13.2#

80 10.1 9.5 14.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

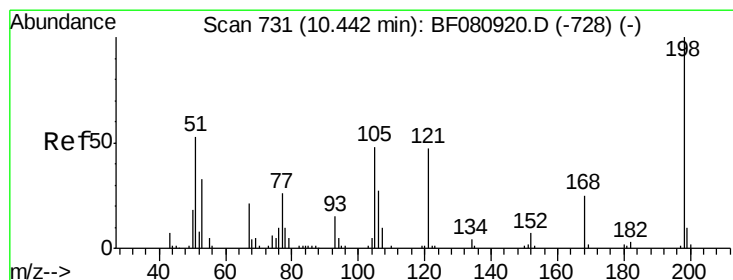
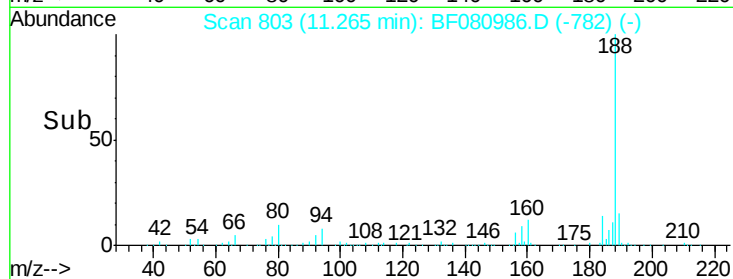
11.26

100000

50000

0

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 34.77 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.06 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

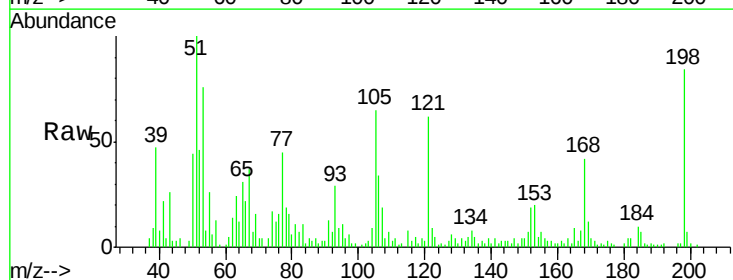
Tgt Ion:198 Resp: 23486

Ion Ratio Lower Upper

198 100

51 119.3 40.3 80.3#

105 77.5 29.6 69.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

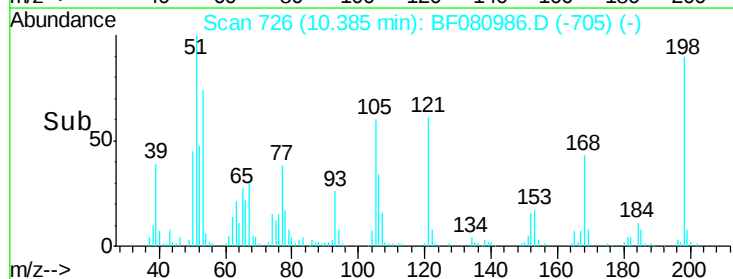
60000

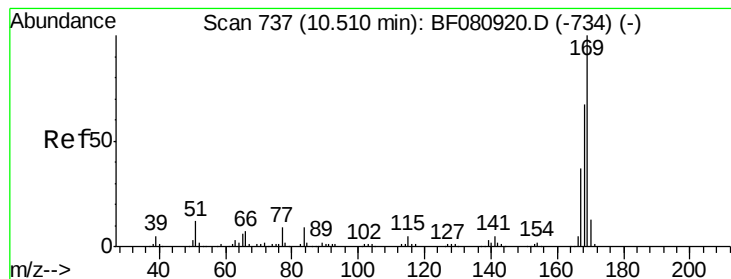
40000

20000

0

Time-->





#65

n-Nitrosodiphenylamine

Concen: 45.27 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.06 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

Instrument :

BNA_F

ClientSampleId :

S-A(2)MS

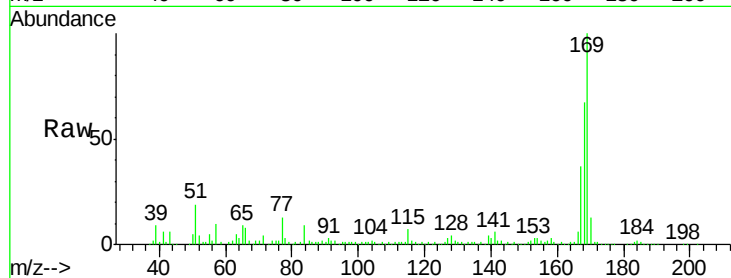
Tot Ion:169 Resp: 171448

Ion Ratio Lower Upper

169 100

168 66.8 53.7 80.5

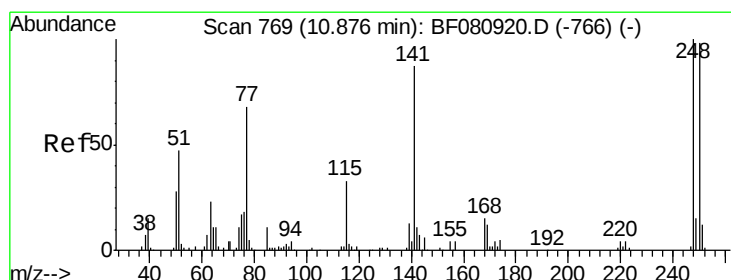
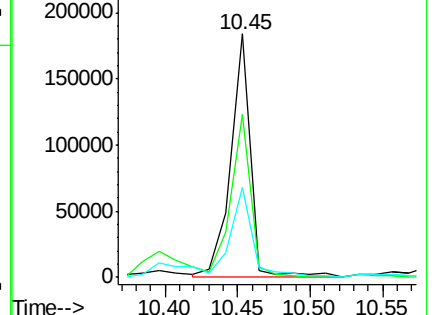
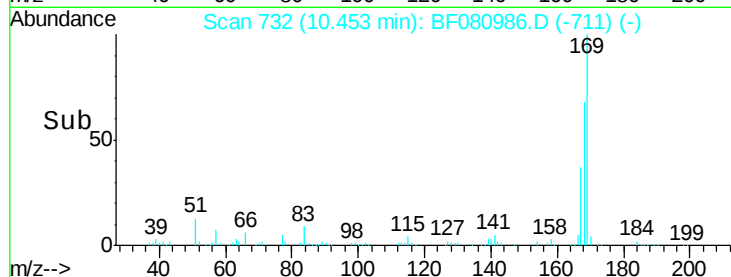
167 37.2 29.3 43.9



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: 49.14 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.06 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

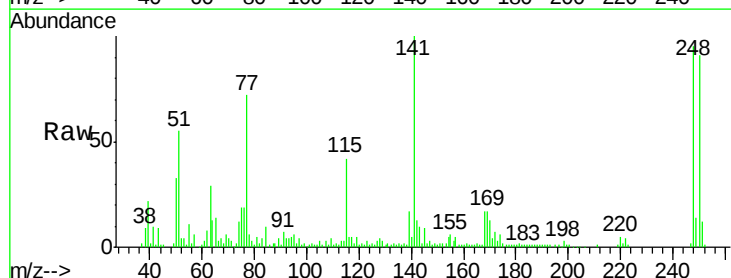
Tgt Ion:248 Resp: 56729

Ion Ratio Lower Upper

248 100

250 95.6 78.1 117.1

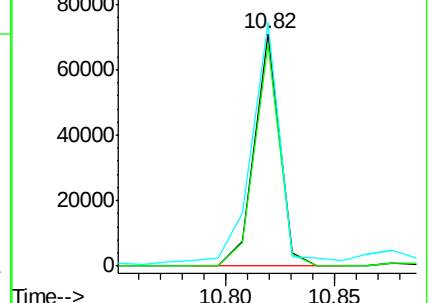
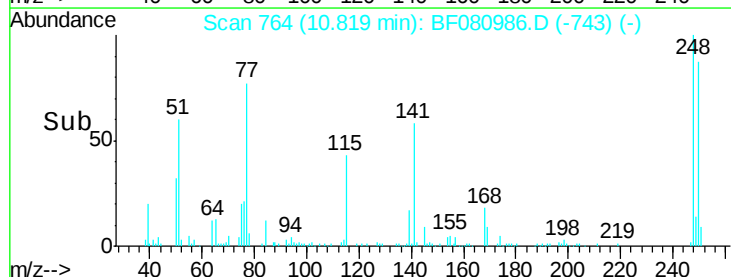
141 104.9 69.6 104.4#

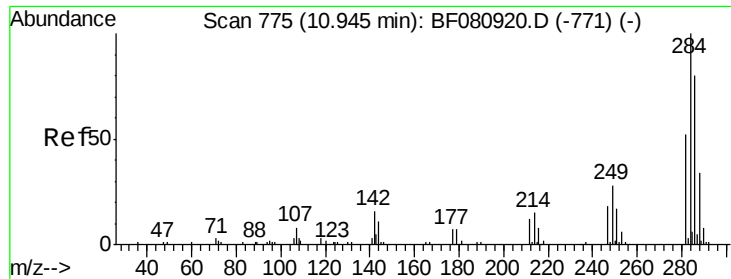


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

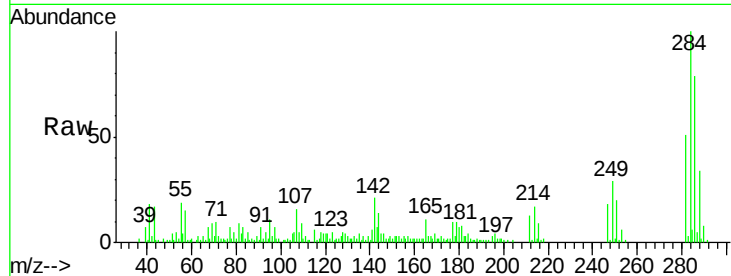




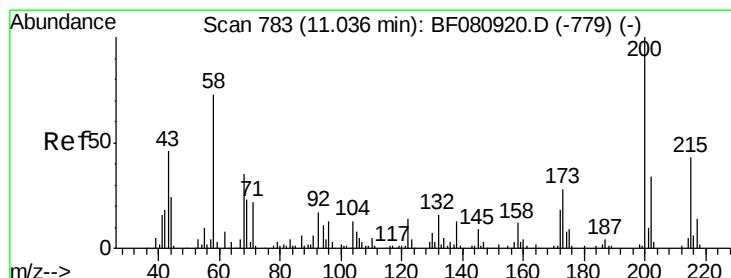
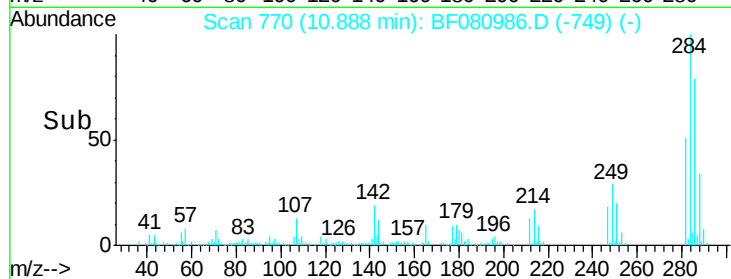
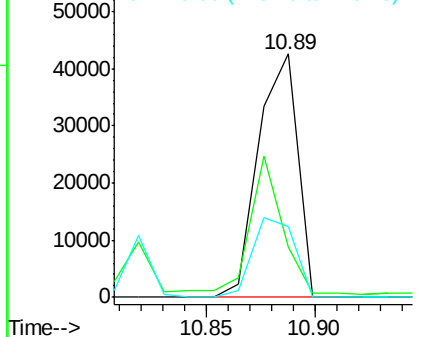
#67
Hexachlorobenzene
Concen: 41.88 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.06 min
Lab File: BF080986.D
Acq: 13 Aug 2015 18:03

Instrument :
BNA_F
ClientSampleId :
S-A(2)MS

Tot Ion:284 Resp: 53760
Ion Ratio Lower Upper
284 100
142 20.8 12.8 19.2#
249 28.9 22.5 33.7

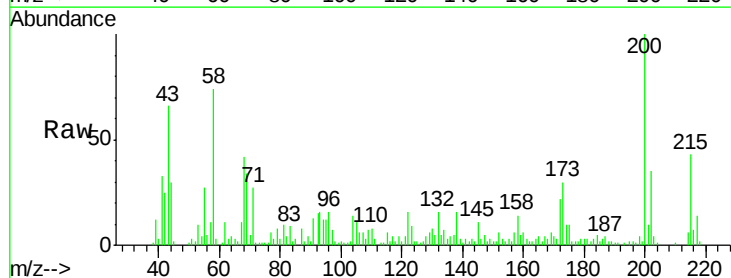


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

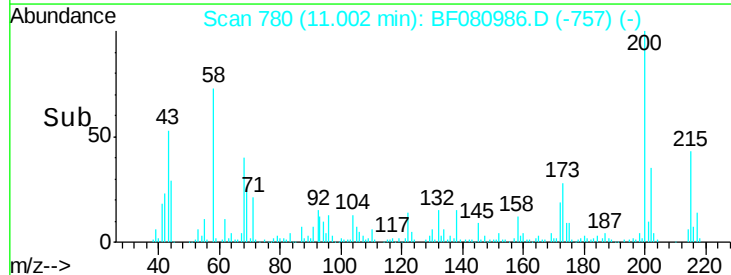
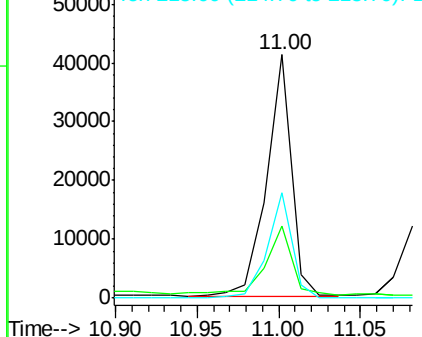


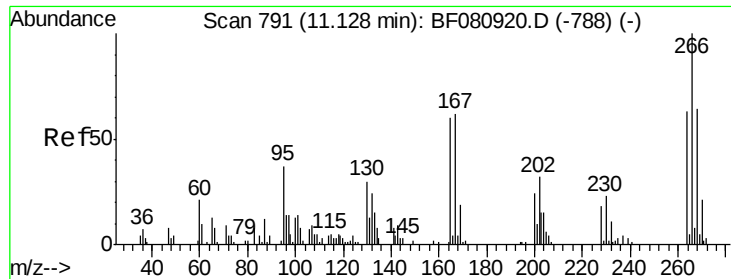
#68
Atrazine
Concen: 39.41 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF080986.D
Acq: 13 Aug 2015 18:03

Tgt Ion:200 Resp: 43754
Ion Ratio Lower Upper
200 100
173 29.6 8.4 48.4
215 43.5 22.7 62.7



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

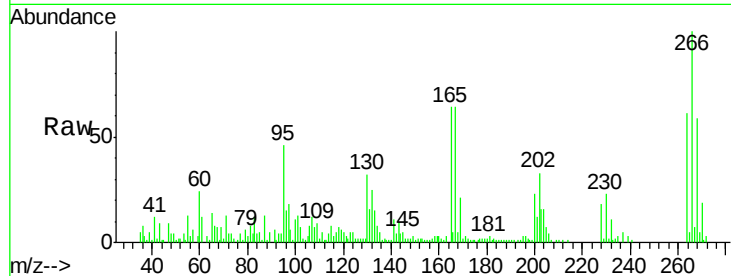




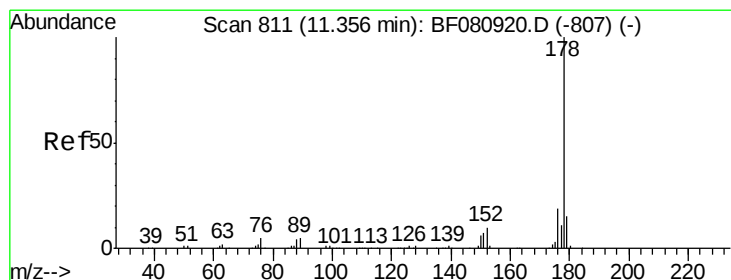
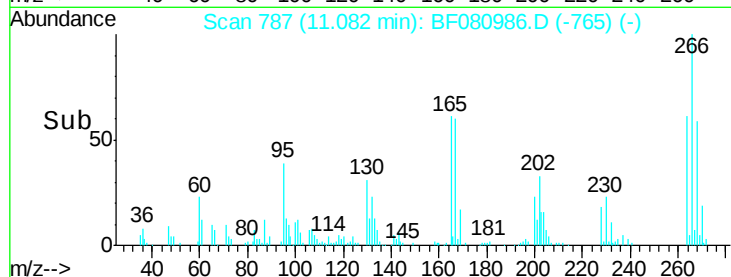
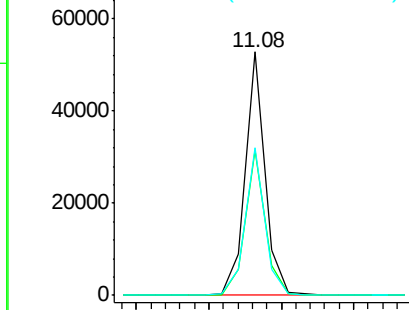
#69
 Pentachlorophenol
 Concen: 67.06 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.05 min
 Lab File: BF080986.D
 Acq: 13 Aug 2015 18:03

Instrument :
 BNA_F
 ClientSampleId :
 S-A(2)MS

Tot Ion:266 Resp: 50049
 Ion Ratio Lower Upper
 266 100
 268 59.4 51.6 77.4
 264 60.9 50.1 75.1

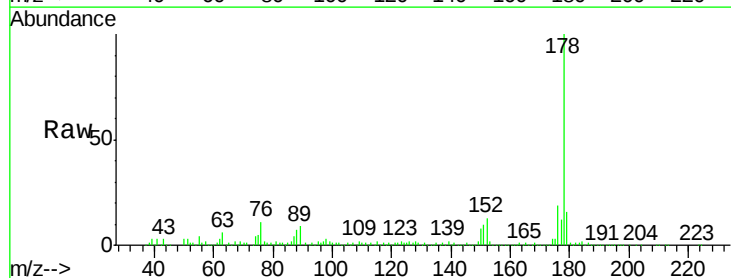


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

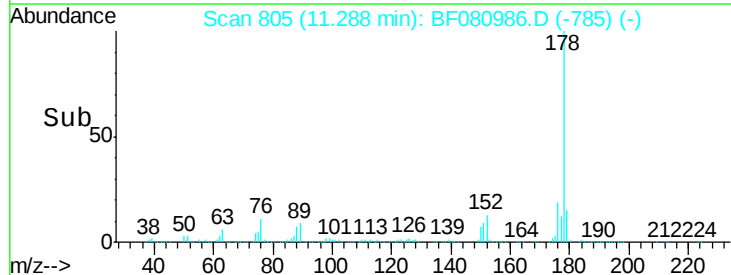
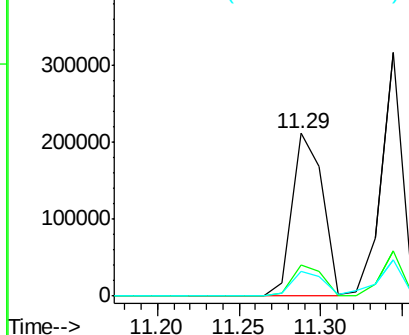


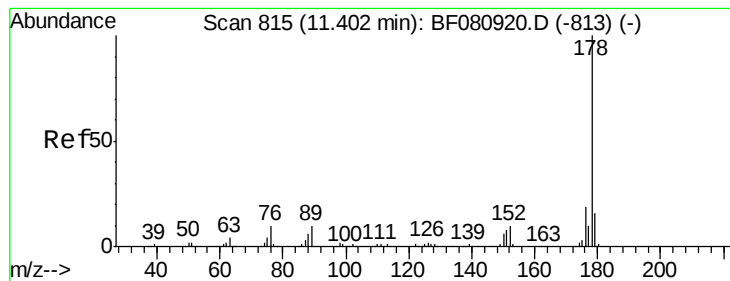
#70
 Phenanthrene
 Concen: 44.13 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.07 min
 Lab File: BF080986.D
 Acq: 13 Aug 2015 18:03

Tgt Ion:178 Resp: 272387
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.6 23.4
 179 15.6 11.9 17.9



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: 44.99 ng

RT: 11.34 min Scan# 810

Delta R.T. -0.06 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

Instrument :

BNA_F

ClientSampleId :

S-A(2)MS

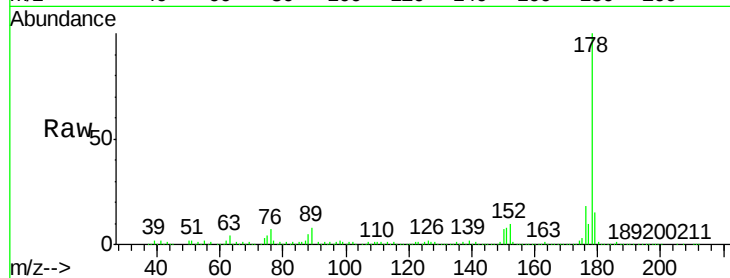
Tot Ion:178 Resp: 274934

Ion Ratio Lower Upper

178 100

176 18.5 15.5 23.3

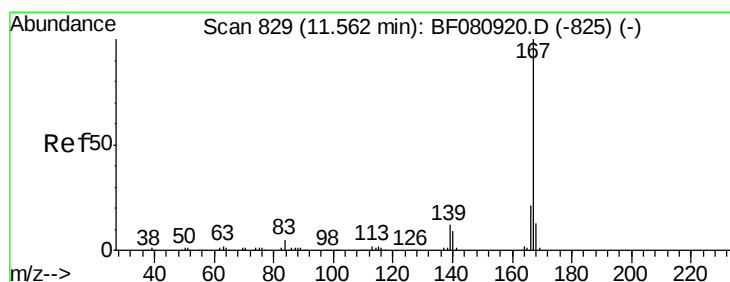
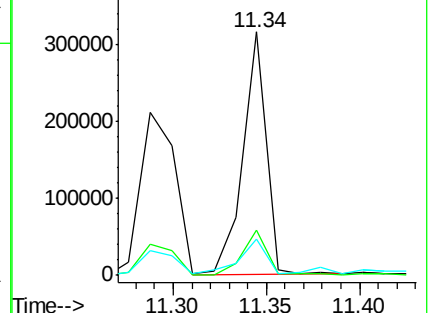
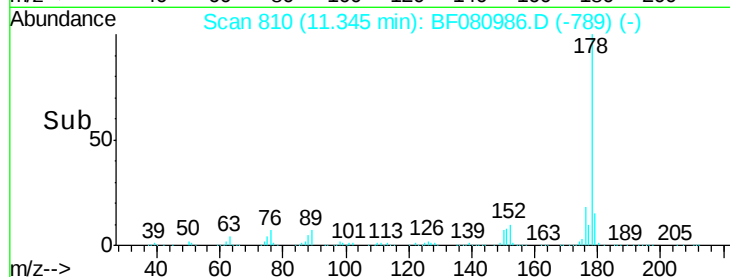
179 14.7 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 87.50 ng

RT: 11.50 min Scan# 824

Delta R.T. -0.06 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

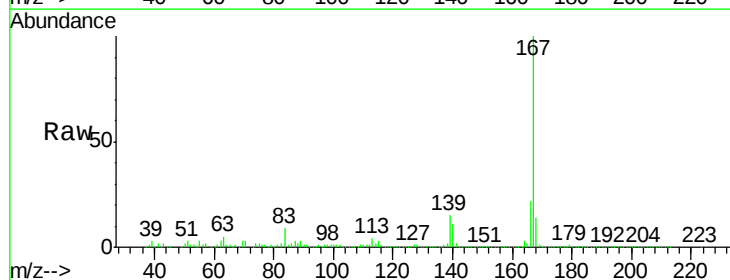
Tgt Ion:167 Resp: 520607

Ion Ratio Lower Upper

167 100

166 21.9 17.1 25.7

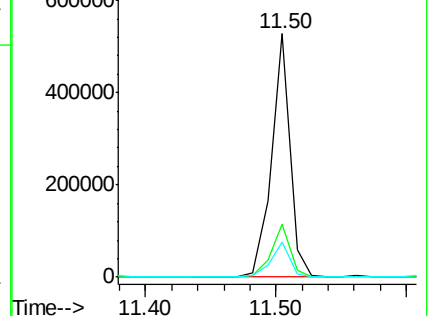
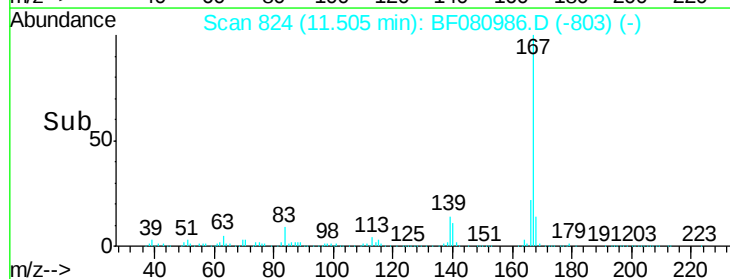
139 14.6 9.2 13.8#

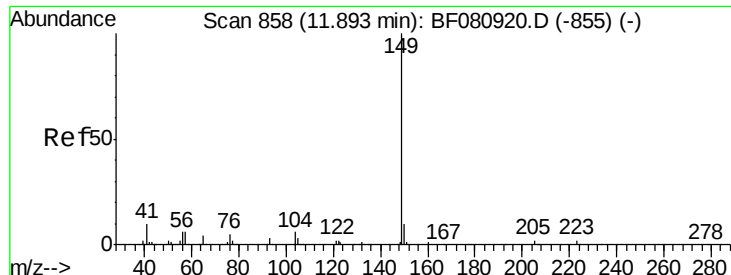


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 54.38 ng

RT: 11.84 min Scan# 853

Delta R.T. -0.06 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

Instrument :

BNA_F

ClientSampleId :

S-A(2)MS

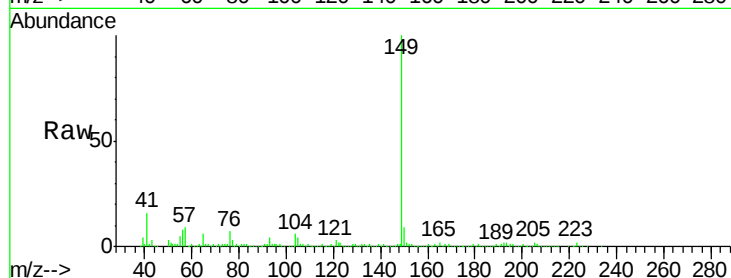
Tot Ion:149 Resp: 404574

Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

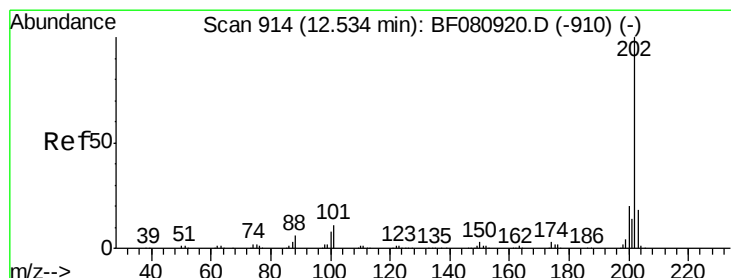
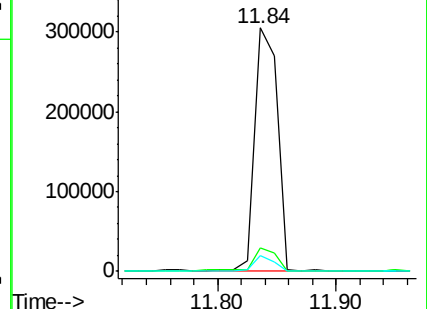
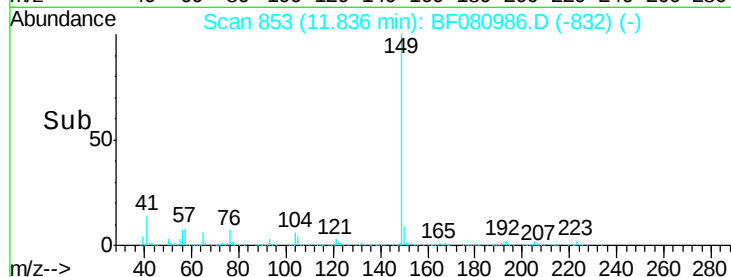
104 6.4 4.4 6.6



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: 55.29 ng

RT: 12.48 min Scan# 909

Delta R.T. -0.06 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

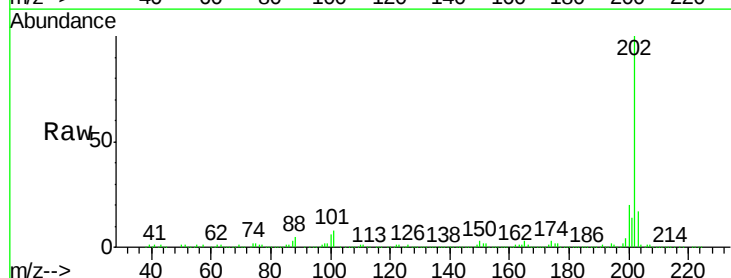
Tgt Ion:202 Resp: 368890

Ion Ratio Lower Upper

202 100

101 7.9 0.0 30.5

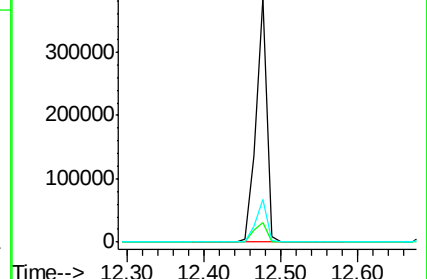
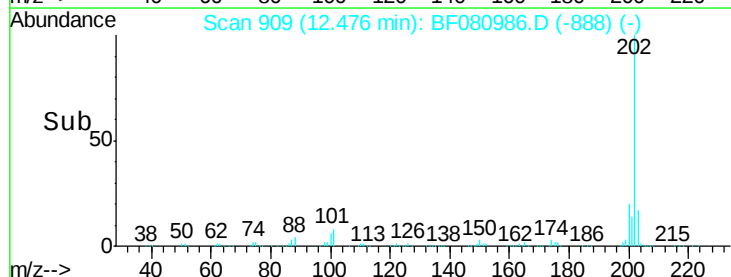
203 17.3 0.0 37.7

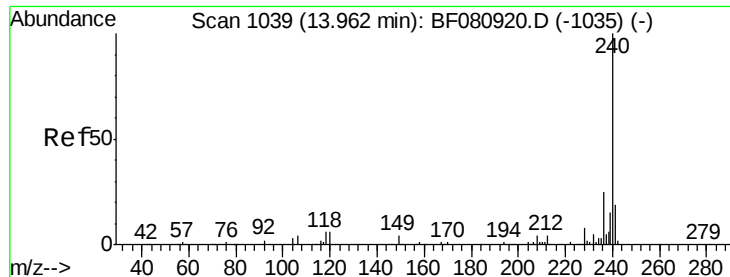


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.89 min Scan# 1033

Delta R.T. -0.07 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

Instrument :

BNA_F

ClientSampleId :

S-A(2)MS

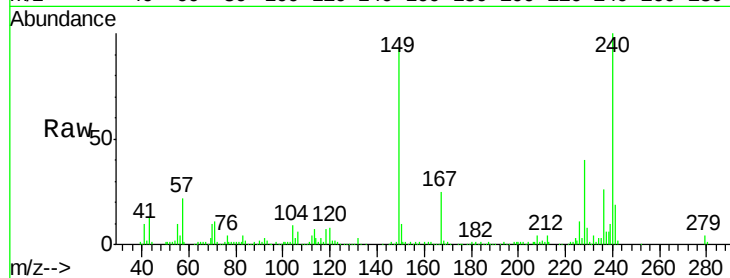
Tot Ion:240 Resp: 122377

Ion Ratio Lower Upper

240 100

120 8.3 5.2 7.8#

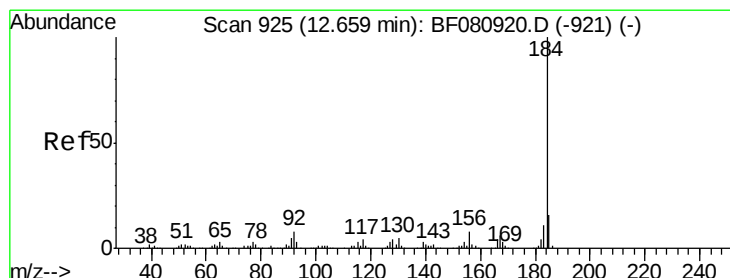
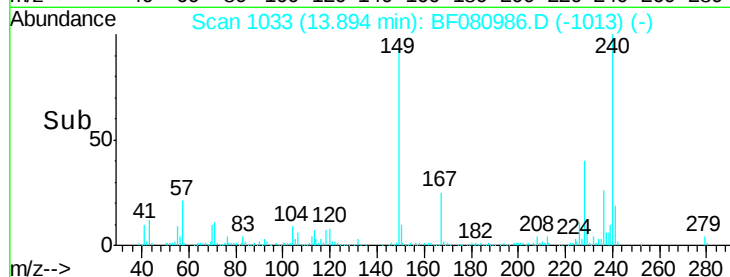
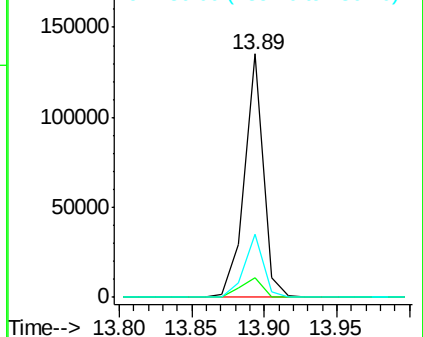
236 25.9 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.62 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.06 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

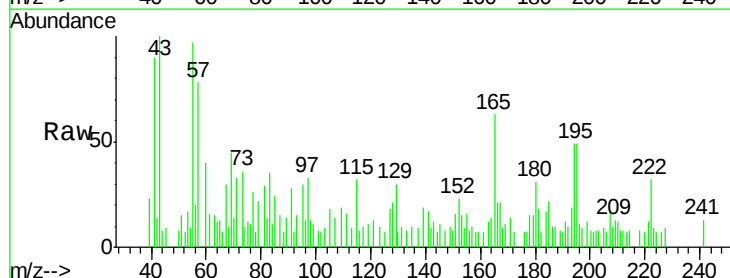
Tgt Ion:184 Resp: 2850

Ion Ratio Lower Upper

184 100

185 132.2 13.0 19.4#

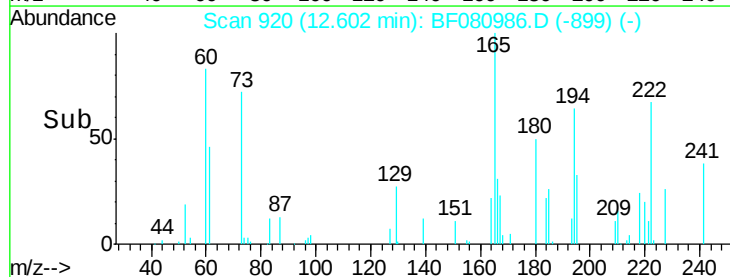
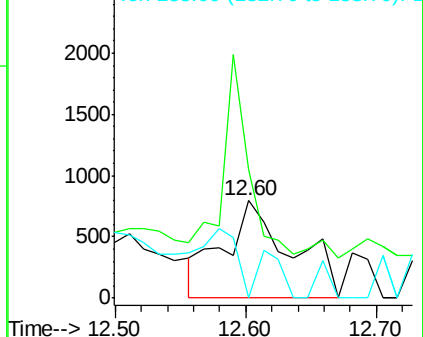
183 0.0 8.7 13.1#

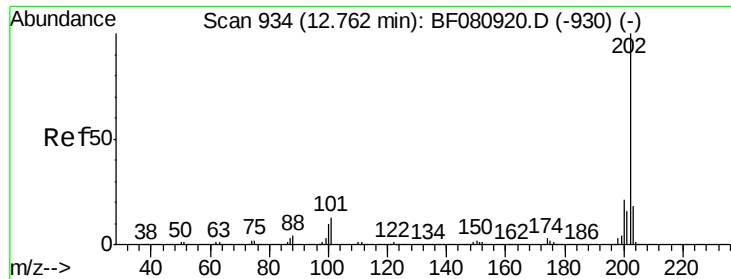


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

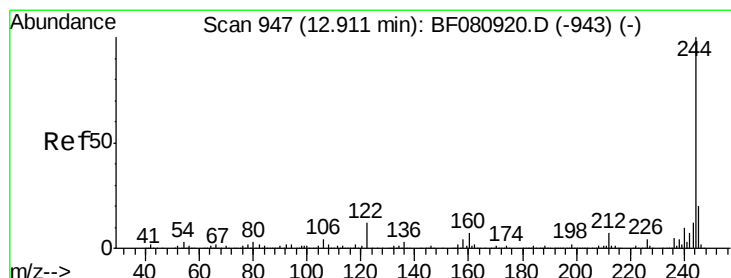
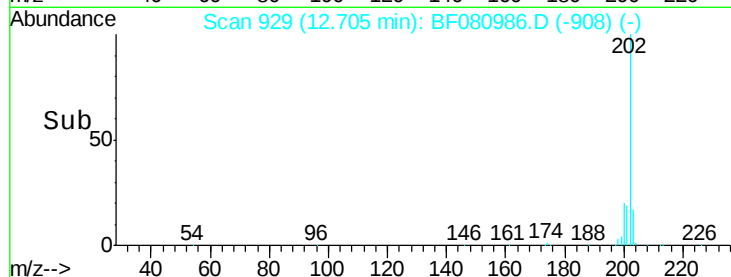
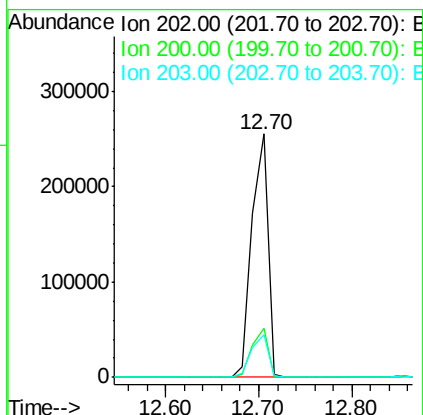
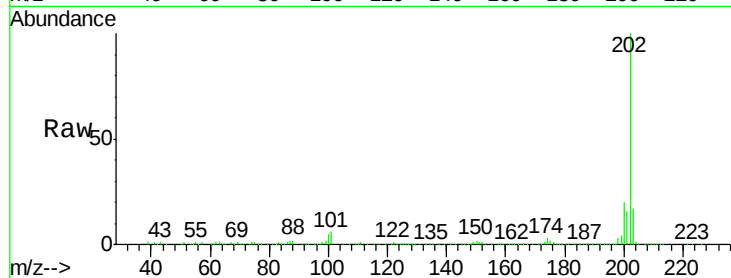




#77
Pvrene
Concen: 33.81 ng
RT: 12.70 min Scan# 929
Delta R.T. -0.06 min
Lab File: BF080986.D
Acq: 13 Aug 2015 18:03

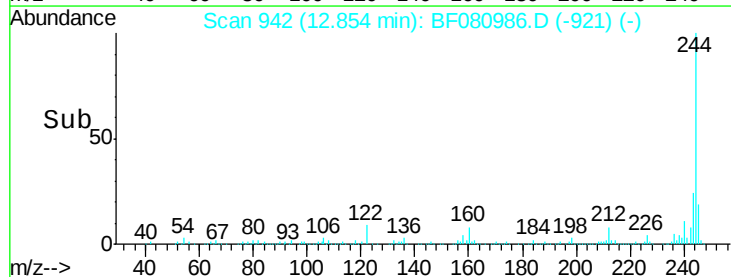
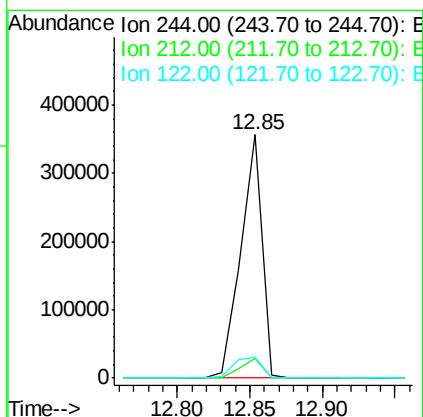
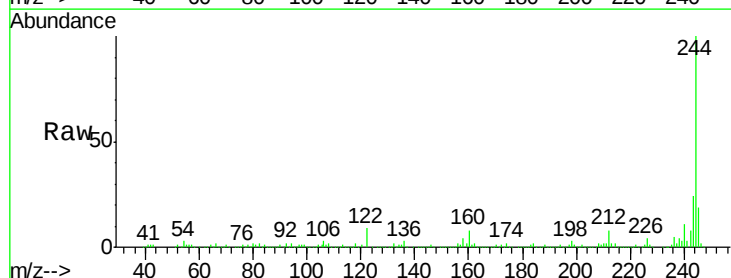
Instrument :
BNA_F
ClientSampleId :
S-A(2)MS

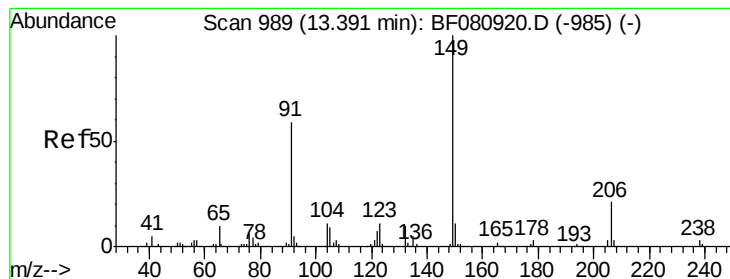
Tot Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.6	24.8
203	17.3	14.2	21.2



#78
Terphenyl-d14
Concen: 61.00 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.06 min
Lab File: BF080986.D
Acq: 13 Aug 2015 18:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	8.8	9.4	14.2#





#79

Butylbenzylphthalate

Concen: 27.50 ng

RT: 13.32 min Scan# 983

Delta R.T. -0.07 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

Instrument :

BNA_F

ClientSampled :

S-A(2)MS

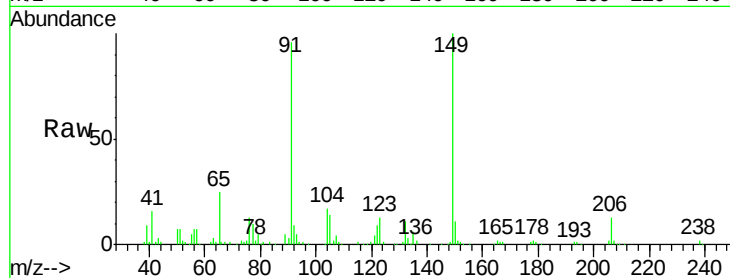
Tot Ion:149 Resp: 119838

Ion Ratio Lower Upper

149 100

91 96.3 47.2 70.8#

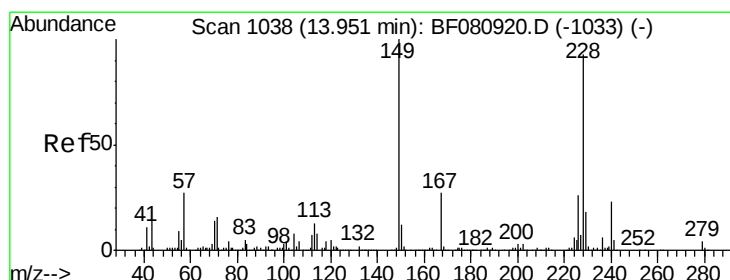
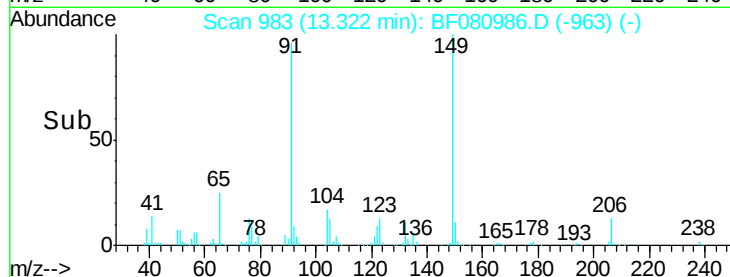
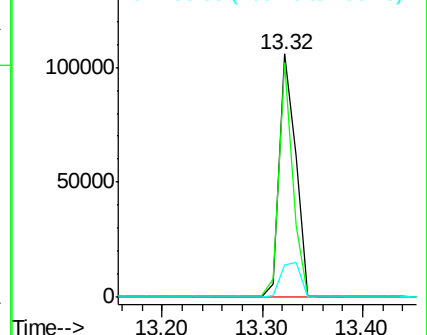
206 13.2 16.5 24.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.93 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.07 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

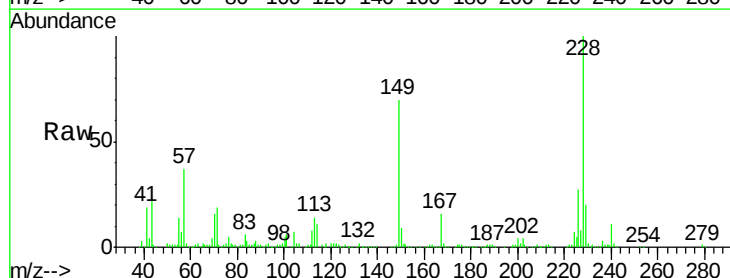
Tgt Ion:228 Resp: 300916

Ion Ratio Lower Upper

228 100

226 27.5 22.2 33.2

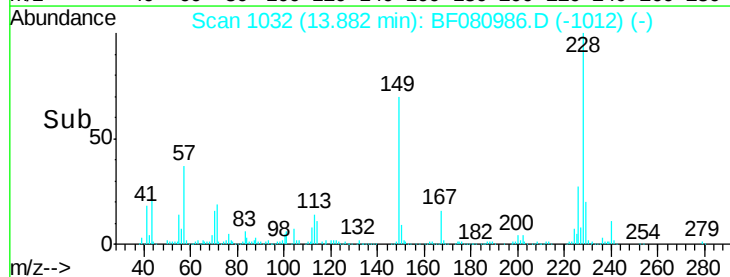
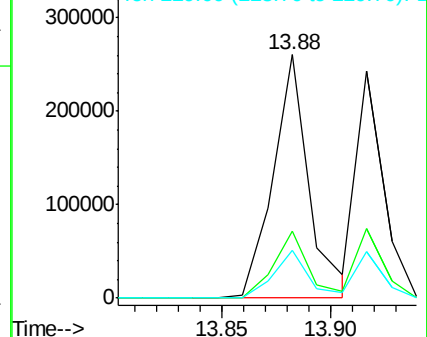
229 19.8 15.8 23.6

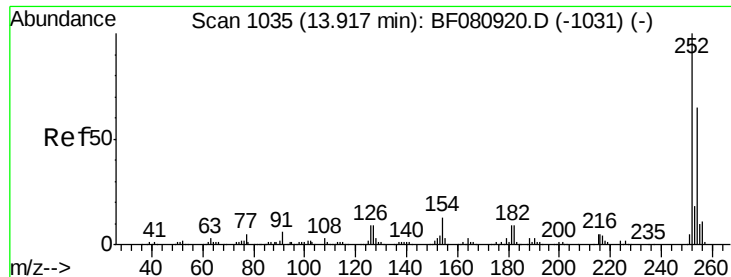


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

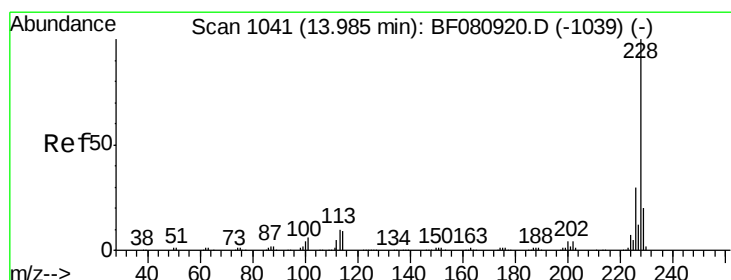
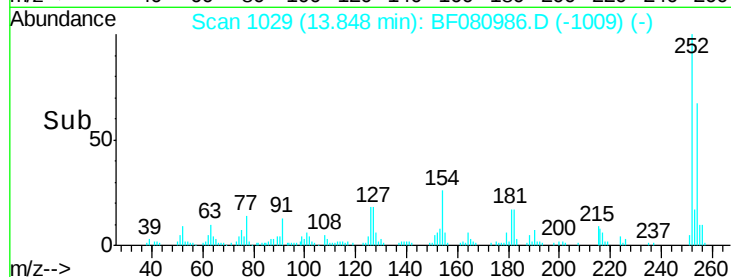
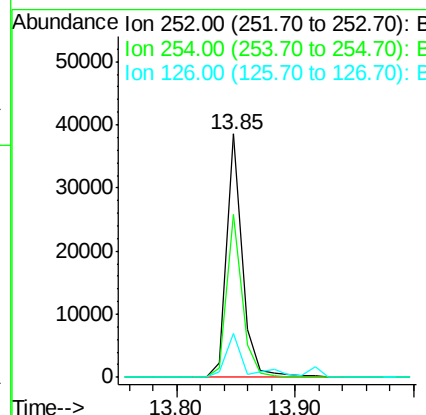
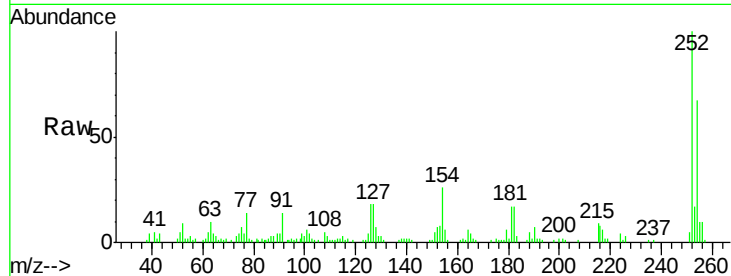




#81
 3,3'-Dichlorobenzidine
 Concen: 12.46 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.07 min
 Lab File: BF080986.D
 Acq: 13 Aug 2015 18:03

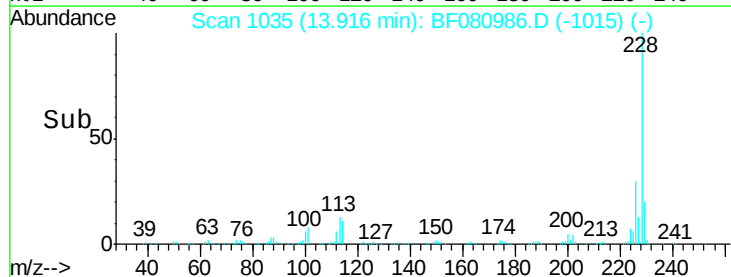
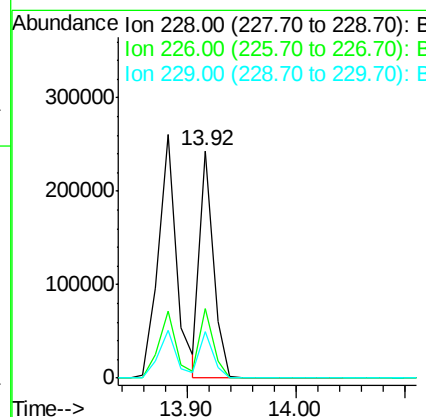
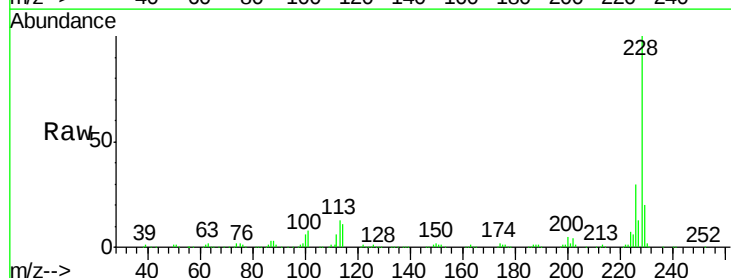
Instrument :
 BNA_F
 ClientSampleId :
 S-A(2)MS

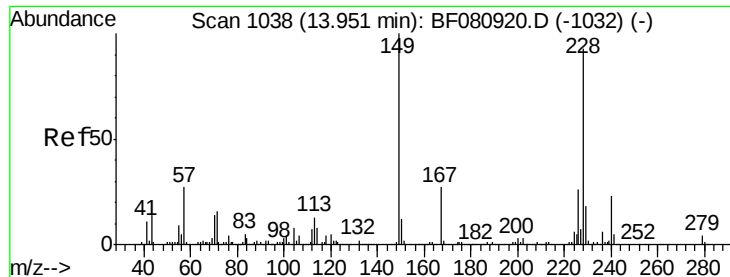
Tot Ion:252 Resp: 35041
 Ion Ratio Lower Upper
 252 100
 254 66.7 51.7 77.5
 126 17.9 7.1 10.7#



#82
 Chrysene
 Concen: 28.70 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.07 min
 Lab File: BF080986.D
 Acq: 13 Aug 2015 18:03

Tgt Ion:228 Resp: 212419
 Ion Ratio Lower Upper
 228 100
 226 30.5 23.9 35.9
 229 20.3 15.8 23.6

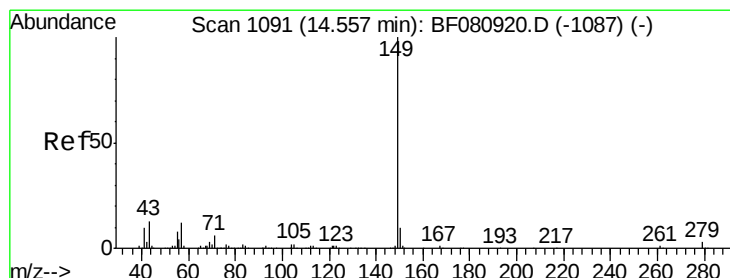
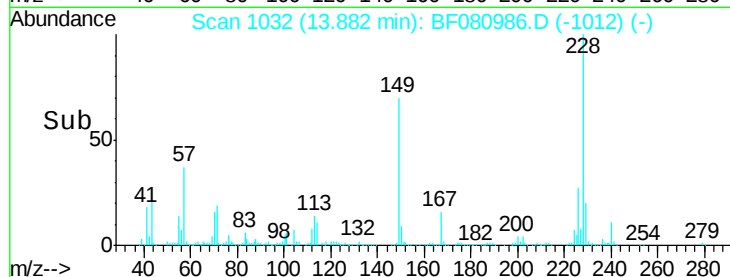
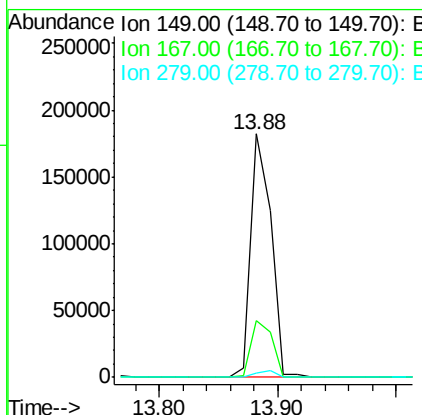
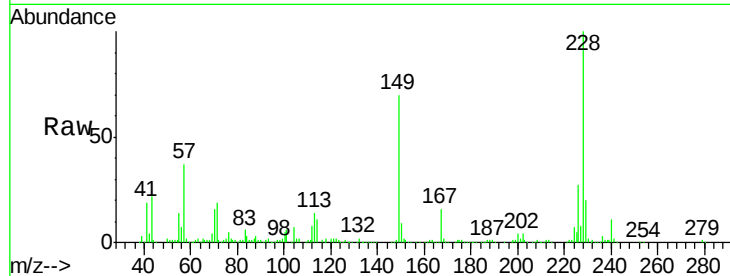




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.11 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.07 min
 Lab File: BF080986.D
 Acq: 13 Aug 2015 18:03

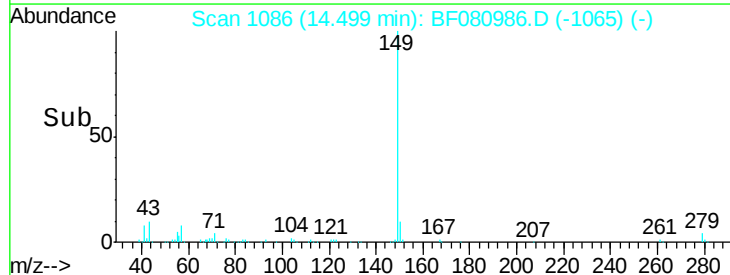
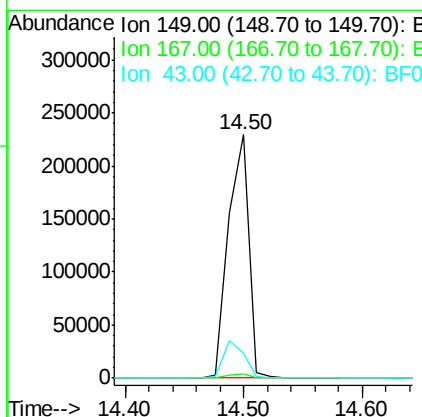
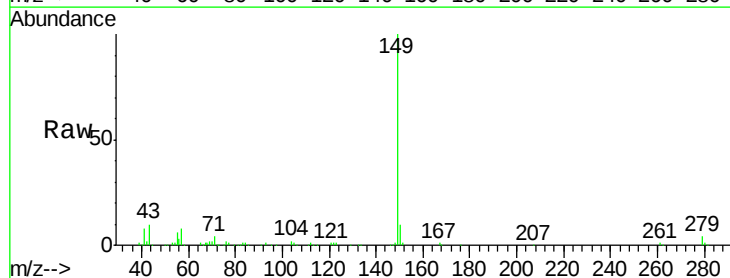
Instrument :
 BNA_F
 ClientSampleId :
 S-A(2)MS

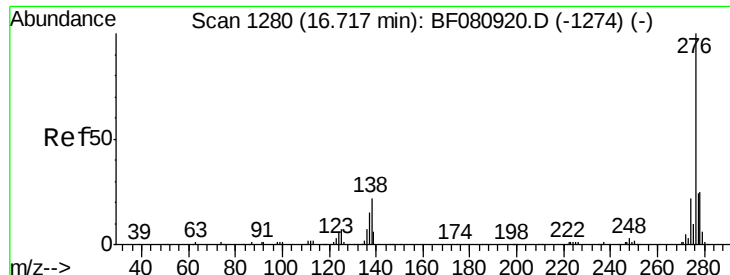
Tot Ion:149 Resp: 218960
 Ion Ratio Lower Upper
 149 100
 167 23.3 21.4 32.0
 279 1.5 2.9 4.3#



#84
 Di-n-octyl phthalate
 Concen: 26.46 ng
 RT: 14.50 min Scan# 1086
 Delta R.T. -0.06 min
 Lab File: BF080986.D
 Acq: 13 Aug 2015 18:03

Tgt Ion:149 Resp: 272095
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.1 1.7
 43 15.4 11.0 16.4

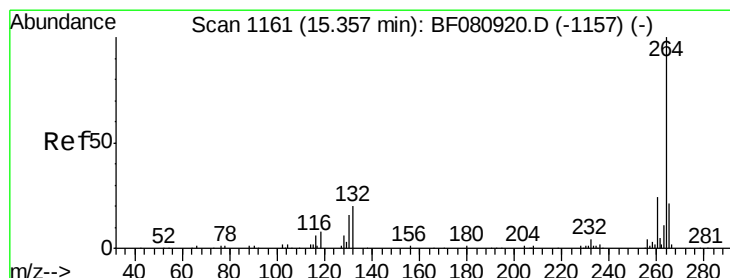
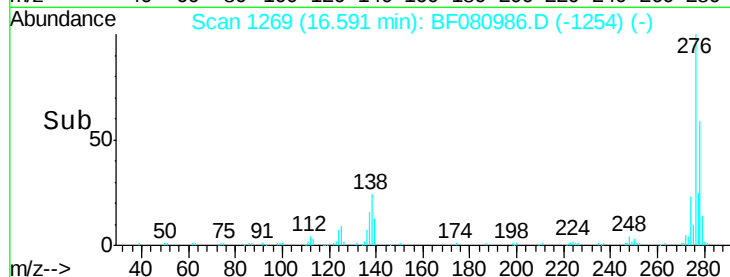
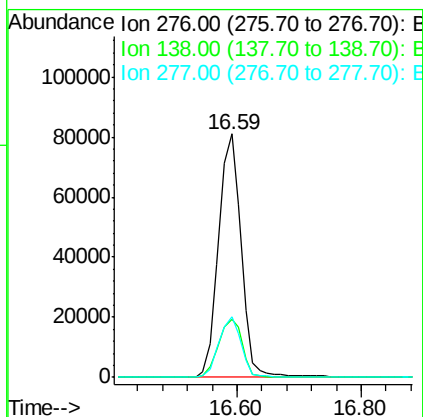
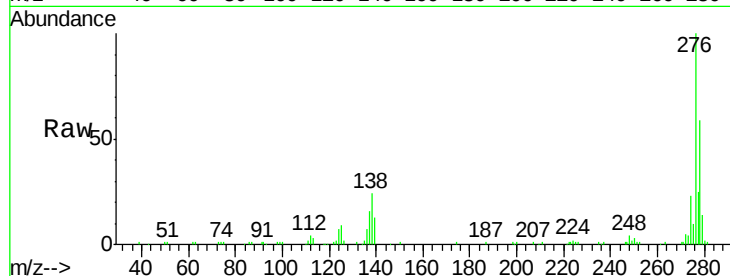




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 28.82 ng
 RT: 16.59 min Scan# 1269
 Delta R.T. -0.13 min
 Lab File: BF080986.D
 Acq: 13 Aug 2015 18:03

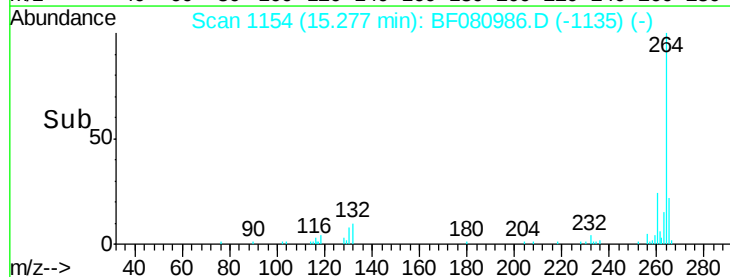
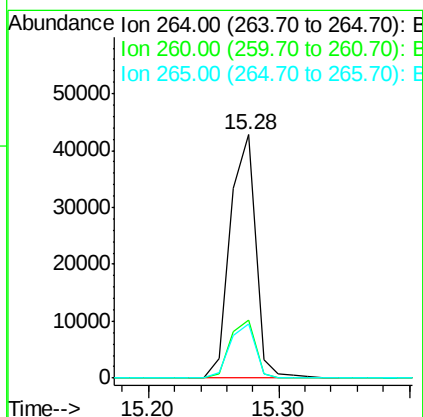
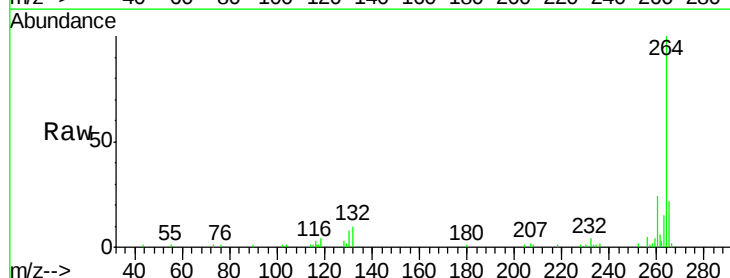
Instrument :
 BNA_F
 ClientSampleId :
 S-A(2)MS

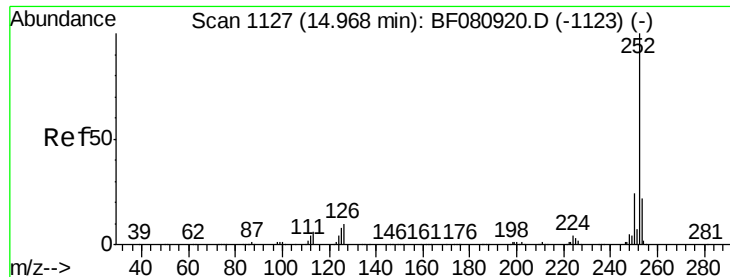
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.1	19.9	29.9
277	24.4	19.7	29.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1154
 Delta R.T. -0.08 min
 Lab File: BF080986.D
 Acq: 13 Aug 2015 18:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	22.3	17.0	25.4





#87

Benzo(b)fluoranthene

Concen: 108.52 ng

RT: 14.89 min Scan# 1120

Delta R.T. -0.08 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

Instrument :

BNA_F

ClientSampleId :

S-A(2)MS

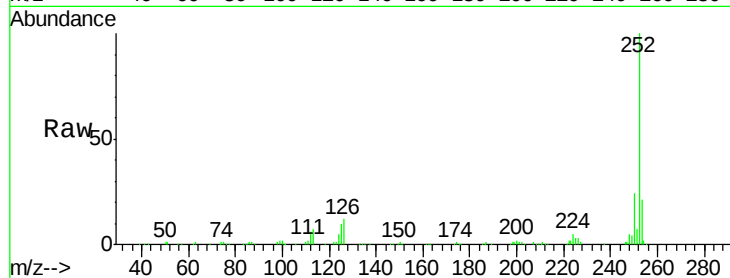
Tot Ion:252 Resp: 436265

Ion Ratio Lower Upper

252 100

253 20.9 17.6 26.4

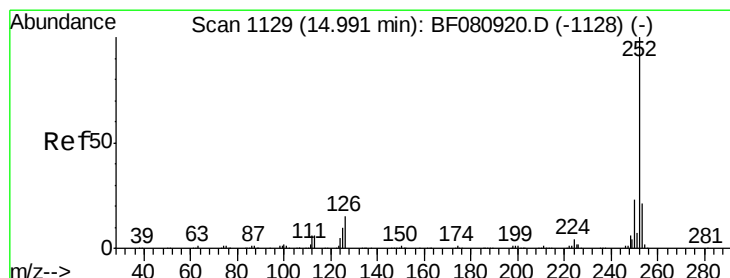
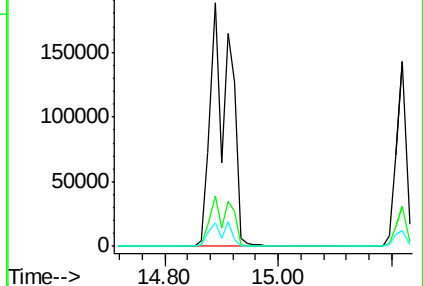
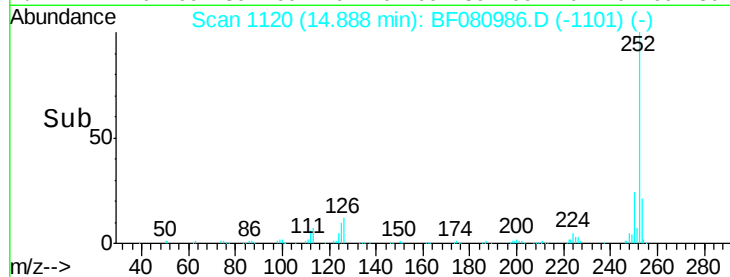
125 9.6 6.1 9.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 124.04 ng

RT: 14.89 min Scan# 1120

Delta R.T. -0.10 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

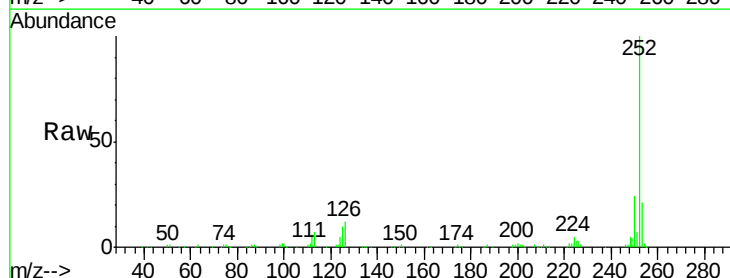
Tgt Ion:252 Resp: 436265

Ion Ratio Lower Upper

252 100

253 20.9 17.4 26.2

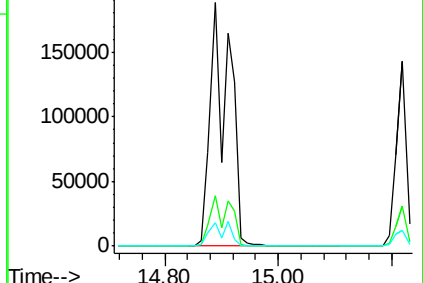
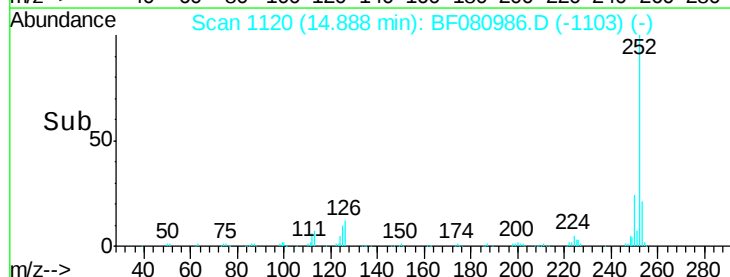
125 9.6 9.0 13.6

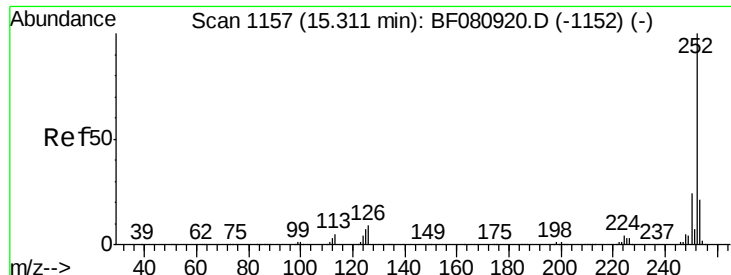


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

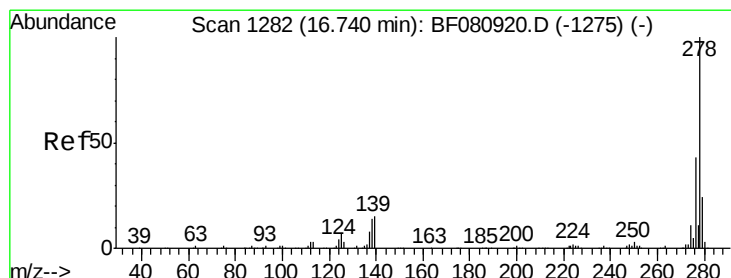
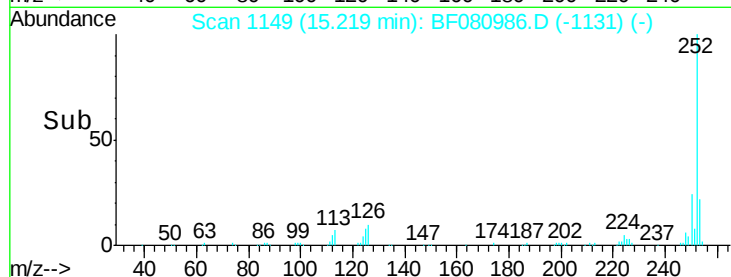
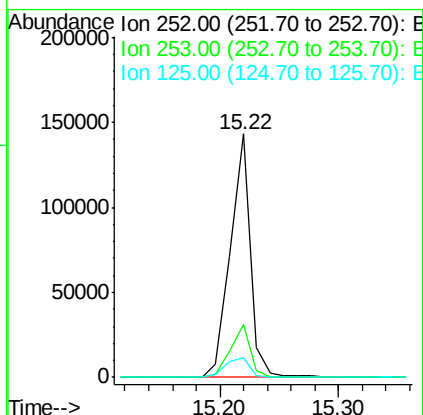
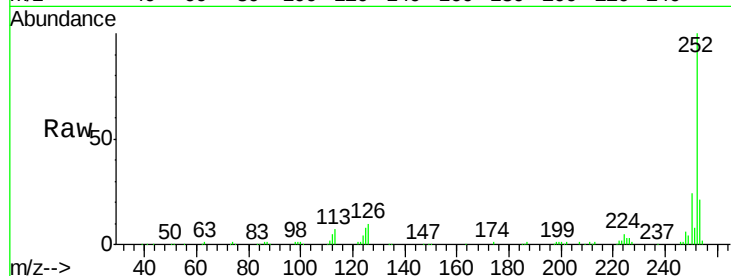




#89
Benzo(a)pyrene
Concen: 48.69 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.09 min
Lab File: BF080986.D
Acq: 13 Aug 2015 18:03

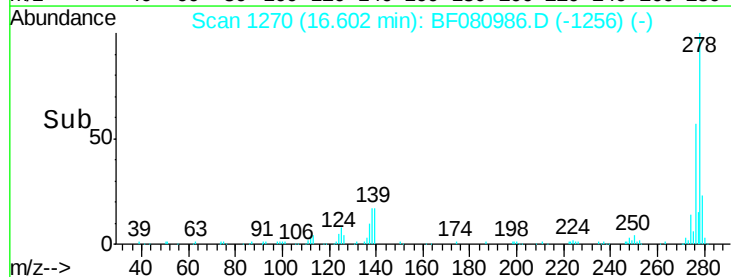
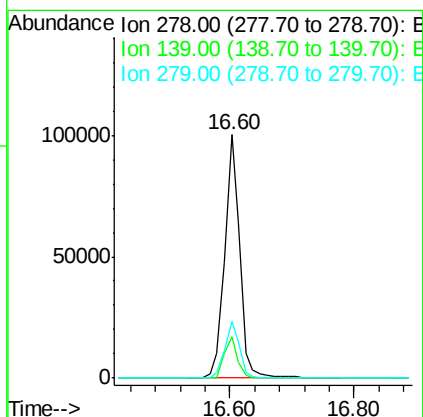
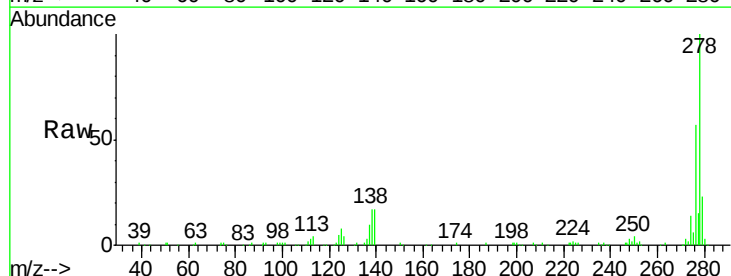
Instrument :
BNA_F
ClientSampleId :
S-A(2)MS

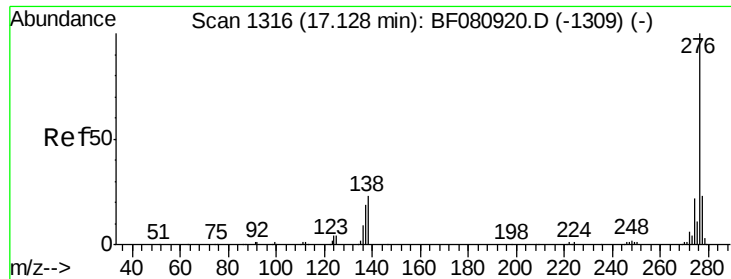
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	16.9	25.3
125	8.2	5.8	8.8



#90
Dibenzo(a,h)anthracene
Concen: 55.05 ng
RT: 16.60 min Scan# 1270
Delta R.T. -0.14 min
Lab File: BF080986.D
Acq: 13 Aug 2015 18:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.9	11.9	17.9
279	23.3	19.0	28.6





#91

Benzo(a,h,i)perylene

Concen: 55.22 ng

RT: 16.98 min Scan# 1303

Delta R.T. -0.15 min

Lab File: BF080986.D

Acq: 13 Aug 2015 18:03

Instrument :

BNA_F

ClientSampleId :

S-A(2)MS

Tot Ion:276 Resp: 164151

Ion Ratio Lower Upper

276 100

277 22.9 18.6 28.0

138 23.4 18.4 27.6

