

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
 Data File : BF084899.D
 Acq On : 6 Feb 2016 9:27
 Operator : SJ/IZ
 Sample : H1329-08MS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B009(5-7)MS

Quant Time: Feb 08 00:00:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	171593	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	701232	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	304956	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	510659	20.00	ng	-0.03
75) Chrysene-d12	13.81	240	315139	20.00	ng	-0.02
86) Perylene-d12	15.17	264	330867	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1337372	121.40	ng	-0.01
7) Phenol-d6	6.33	99	1684792	123.36	ng	-0.01
23) Nitrobenzene-d5	7.24	82	1071273	86.06	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	327366	102.91	ng	-0.03
44) 2-Fluorobiphenyl	9.04	172	1682297	97.87	ng	-0.02
78) Terphenyl-d14	12.76	244	1150283	82.71	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.21	88	171340	35.51	ng	# 76
3) Pyridine	2.85	79	526608	41.88	ng	# 74
4) n-Nitrosodimethylamine	2.82	42	275272	42.33	ng	86
6) Aniline	6.33	93	271601	16.25	ng	# 38
8) 2-Chlorophenol	6.45	128	550146	44.12	ng	96
9) Benzaldehyde	6.20	77	195955	24.30	ng	98
10) Phenol	6.34	94	732762	47.89	ng	86
11) bis(2-Chloroethyl)ether	6.41	93	476199	39.91	ng	84
12) 1,3-Dichlorobenzene	6.68	146	565426	42.92	ng	98
13) 1,4-Dichlorobenzene	6.68	146	565426	42.93	ng	94
14) 1,2-Dichlorobenzene	6.83	146	468647	38.20	ng	95
15) Benzyl Alcohol	6.82	79	402621	42.69	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.96	45	792082	39.47	ng	92
17) 2-Methylphenol	6.94	107	434964	44.11	ng	# 91
18) Hexachloroethane	7.17	117	212072	41.81	ng	99
19) n-Nitroso-di-n-propylamine	7.09	70	345141	40.32	ng	# 74
20) 3+4-Methylphenols	7.10	107	543172	44.37	ng	91
22) Acetophenone	7.08	105	727991	39.39	ng	# 98
24) Nitrobenzene	7.25	77	492250	36.93	ng	96
25) Isophorone	7.49	82	973944	40.24	ng	96
26) 2-Nitrophenol	7.57	139	296667	45.12	ng	# 89
27) 2,4-Dimethylphenol	7.63	122	445659	38.97	ng	87
28) bis(2-Chloroethoxy)methane	7.71	93	592905	41.29	ng	99
29) 2,4-Dichlorophenol	7.82	162	421218	43.05	ng	94
30) 1,2,4-Trichlorobenzene	7.89	180	424679	38.43	ng	97
31) Naphthalene	7.97	128	1465911	41.68	ng	99
32) Benzoic acid	7.71	122	19900	2.72	ng	94
33) 4-Chloroaniline	8.03	127	117574	8.08	ng	94
34) Hexachlorobutadiene	8.10	225	253701	39.81	ng	97
35) Caprolactam	8.41	113	93299	30.94	ng	# 57
36) 4-Chloro-3-methylphenol	8.53	107	478795	42.89	ng	98
37) 2-Methylnaphthalene	8.66	142	936840	42.56	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	394531	40.74	ng	99
40) Hexachlorocyclopentadiene	8.82	237	227117	59.44	ng	98

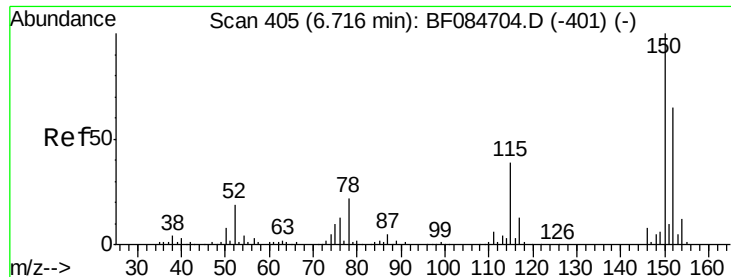
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	262008	41.99	ng	98
43) 2,4,5-Trichlorophenol	8.99	196	260593	41.10	ng	# 81
45) 1,1'-Biphenyl	9.13	154	1037255	38.08	ng	99
46) 2-Chloronaphthalene	9.15	162	820846	40.92	ng	94
47) 2-Nitroaniline	9.25	65	268448	42.27	ng	96
48) Acenaphthylene	9.56	152	1184975	38.93	ng	98
49) Dimethylphthalate	9.45	163	1288091	55.46	ng	# 91
50) 2,6-Dinitrotoluene	9.50	165	242186	47.73	ng	98
51) Acenaphthene	9.73	154	759691	38.36	ng	98
52) 3-Nitroaniline	9.66	138	139986	24.55	ng	# 89
53) 2,4-Dinitrophenol	9.78	184	39214	21.33	ng	90
54) Dibenzofuran	9.90	168	990788	40.94	ng	92
55) 4-Nitrophenol	9.85	139	239843	57.24	ng	# 75
56) 2,4-Dinitrotoluene	9.90	165	289638	44.75	ng	# 89
57) Fluorene	10.25	166	814265	40.29	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	219316	45.44	ng	93
59) Diethylphthalate	10.13	149	898904	39.63	ng	98
60) 4-Chlorophenyl-phenylether	10.25	204	417564	49.98	ng	92
61) 4-Nitroaniline	10.28	138	219784	39.56	ng	87
62) Azobenzene	10.41	77	987597	45.29	ng	93
64) 4,6-Dinitro-2-methylphenol	10.30	198	73039	23.17	ng	# 41
65) n-Nitrosodiphenylamine	10.36	169	737571	45.49	ng	98
66) 4-Bromophenyl-phenylether	10.73	248	236853	41.99	ng	# 73
67) Hexachlorobenzene	10.80	284	284779	46.34	ng	# 90
68) Atrazine	10.90	200	243039	47.46	ng	96
69) Pentachlorophenol	10.99	266	221755	76.78	ng	97
70) Phenanthrene	11.21	178	1270557	44.86	ng	98
71) Anthracene	11.25	178	1129489	39.58	ng	98
72) Carbazole	11.41	167	1000439	40.20	ng	99
73) Di-n-butylphthalate	11.76	149	1414531	44.65	ng	# 97
74) Fluoranthene	12.39	202	1123700	39.20	ng	97
76) Benzidine	12.51	184	416448	37.37	ng	98
77) Pyrene	12.61	202	1163888	48.24	ng	100
79) Butylbenzylphthalate	13.24	149	492008	44.95	ng	94
80) Benzo(a)anthracene	13.80	228	882985	45.14	ng	99
81) 3,3'-Dichlorobenzidine	13.77	252	185942	26.85	ng	# 96
82) Chrysene	13.84	228	852129	44.93	ng	100
83) Bis(2-ethylhexyl)phthalate	13.80	149	642535	47.17	ng	# 99
84) Di-n-octyl phthalate	14.42	149	1123334	49.99	ng	# 89
85) Indeno(1,2,3-cd)pyrene	16.45	276	793940	53.18	ng	99
87) Benzo(b)fluoranthene	14.83	252	1623634	73.04	ng	98
88) Benzo(k)fluoranthene	14.83	252	1623634	88.33	ng	# 96
89) Benzo(a)pyrene	15.13	252	790720	41.74	ng	98
90) Dibenzo(a,h)anthracene	16.47	278	660952	41.45	ng	98
91) Benzo(g,h,i)perylene	16.83	276	650134	40.48	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

Instrument :

BNA_F

ClientSampleId :

S4-B009(5-7)MS

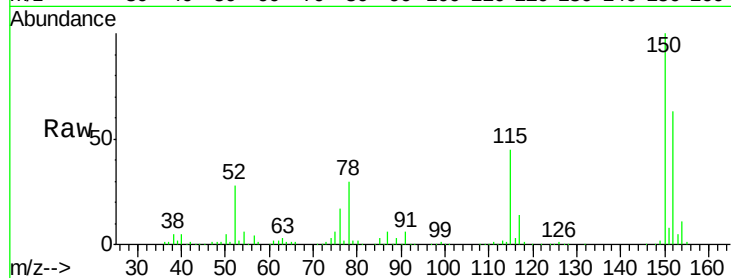
Tgt Ion:152 Resp: 171593

Ion Ratio Lower Upper

152 100

150 160.0 123.0 184.4

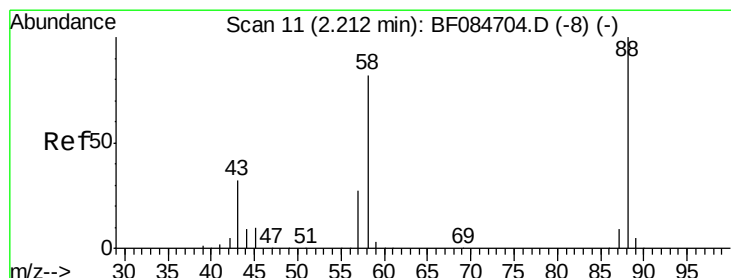
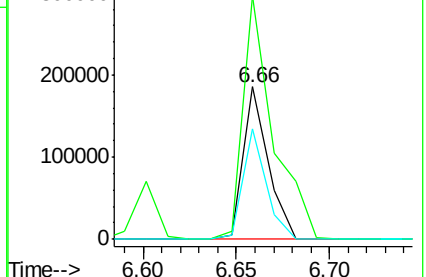
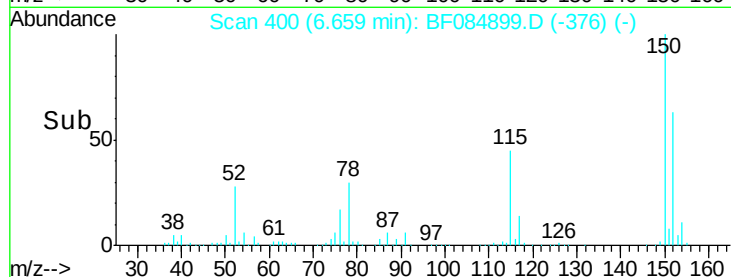
115 72.3 51.4 77.2



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: 35.51 ng

RT: 2.21 min Scan# 11

Delta R.T. 0.03 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

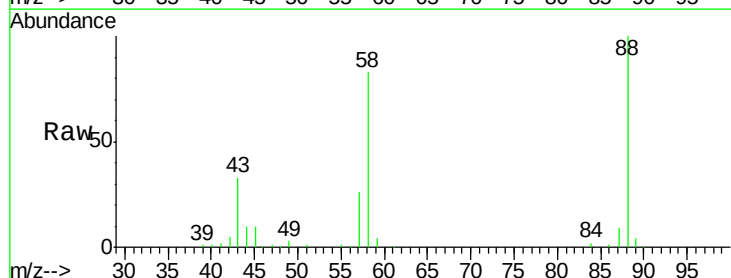
Tgt Ion: 88 Resp: 171340

Ion Ratio Lower Upper

88 100

58 84.7 51.2 76.8#

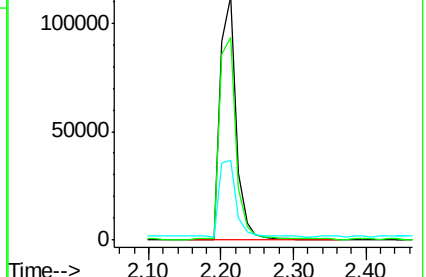
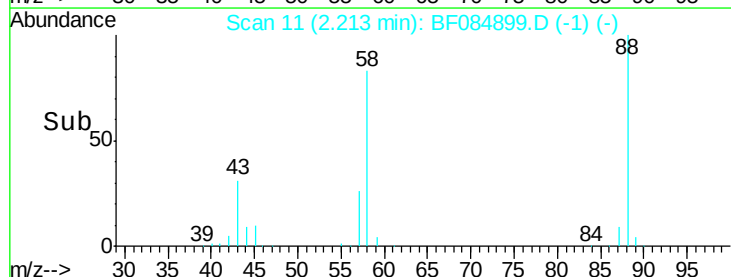
43 33.9 19.5 29.3#

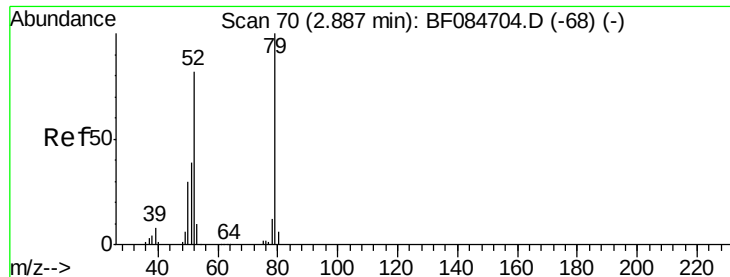


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 41.88 ng

RT: 2.85 min Scan# 67

Delta R.T. 0.01 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

Instrument :

BNA_F

ClientSampleId :

S4-B009(5-7)MS

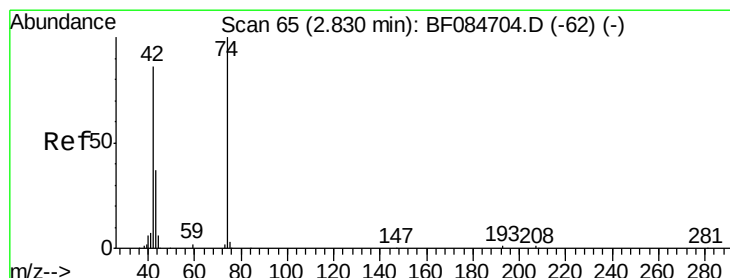
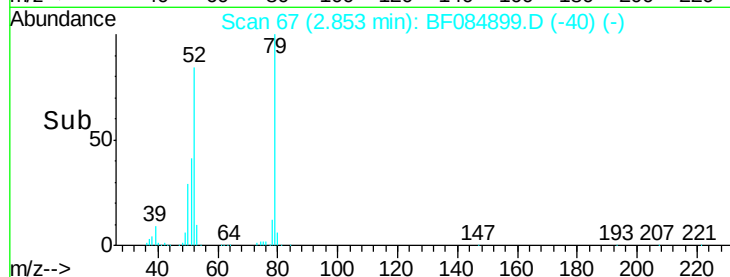
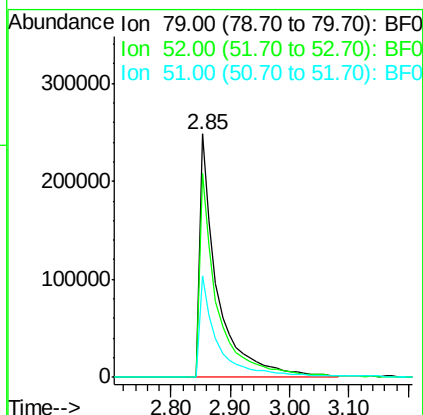
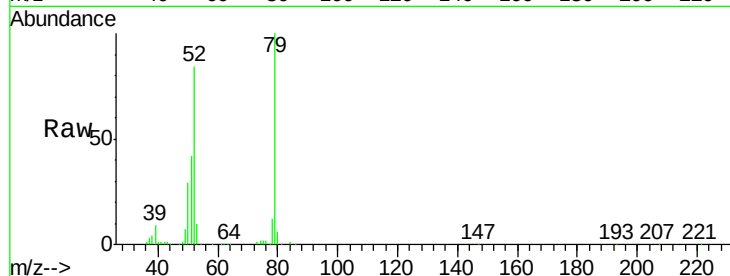
Tgt Ion: 79 Resp: 526608

Ion Ratio Lower Upper

79 100

52 83.8 49.0 73.4#

51 41.6 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 42.33 ng

RT: 2.82 min Scan# 64

Delta R.T. 0.02 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

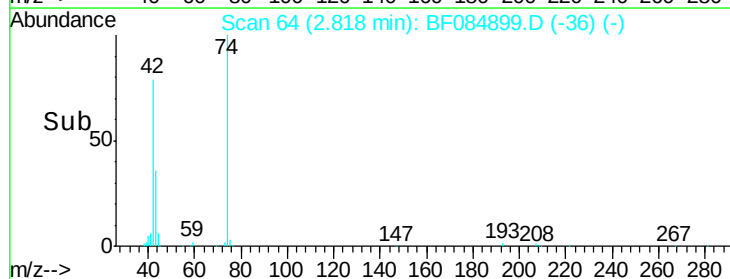
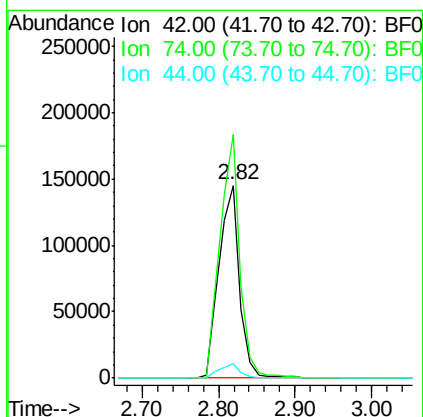
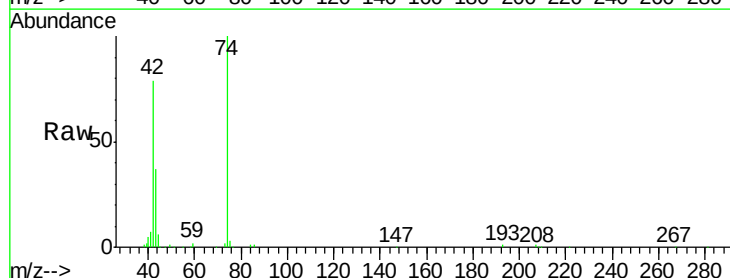
Tgt Ion: 42 Resp: 275272

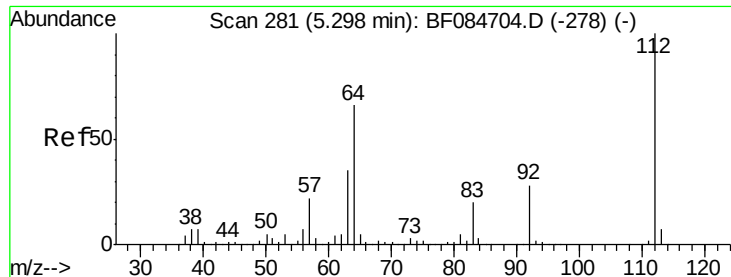
Ion Ratio Lower Upper

42 100

74 126.5 115.7 173.5

44 7.7 5.1 7.7





#5

2-Fluorophenol

Concen: 121.40 ng

RT: 5.26 min Scan# 278

Delta R.T. -0.01 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

Instrument :

BNA_F

ClientSampleId :

S4-B009(5-7)MS

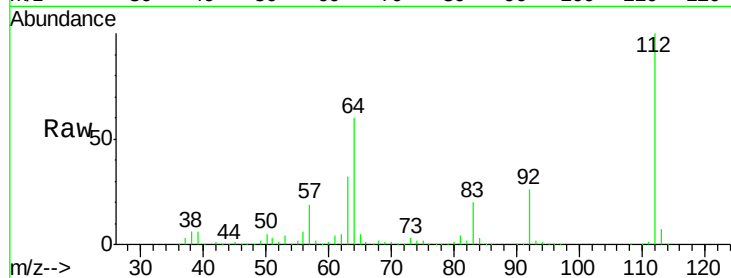
Tgt Ion: 112 Resp: 1337372

Ion Ratio Lower Upper

112 100

64 60.2 36.6 55.0#

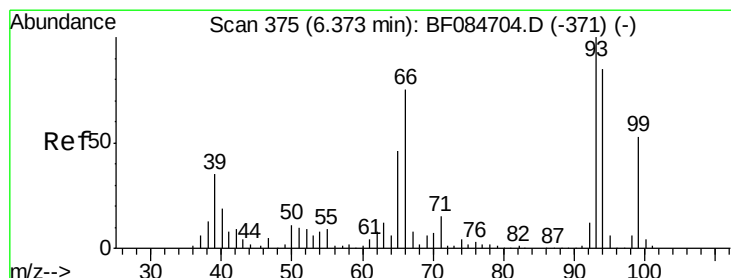
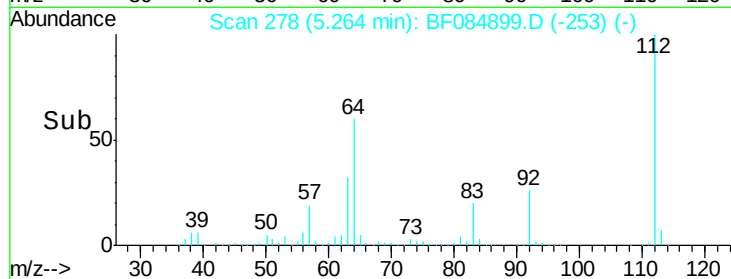
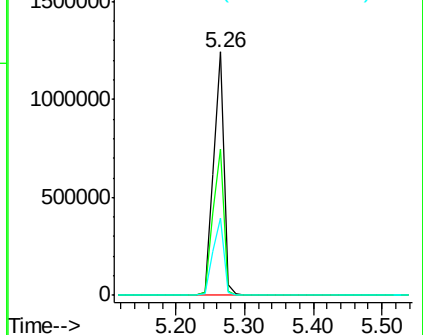
63 31.7 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.25 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

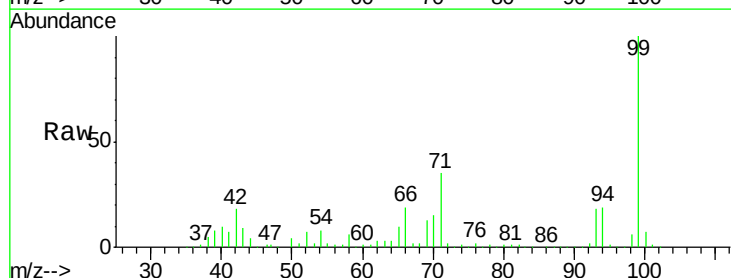
Tgt Ion: 93 Resp: 271601

Ion Ratio Lower Upper

93 100

66 106.3 44.9 67.3#

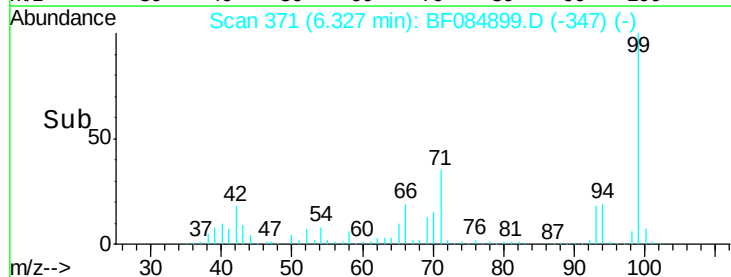
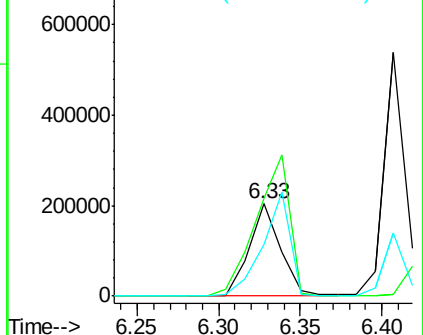
65 56.4 23.7 35.5#

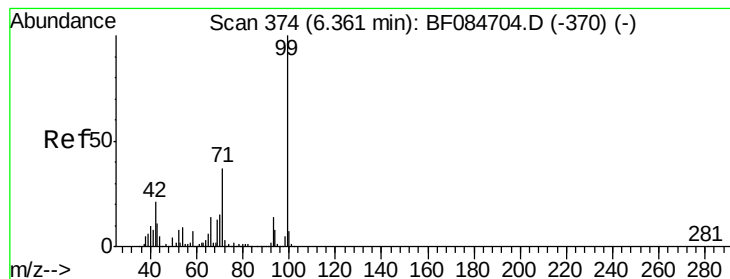


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 123.36 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

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S4-B009(5-7)MS

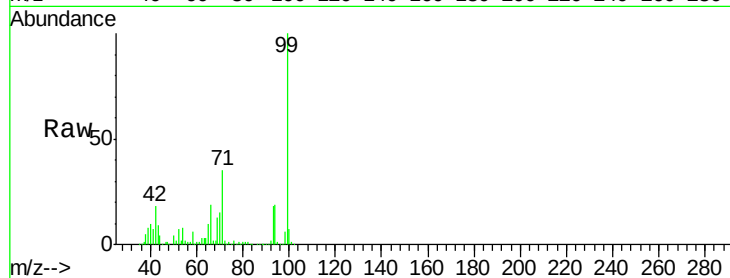
Tgt Ion: 99 Resp: 1684792

Ion Ratio Lower Upper

99 100

42 17.8 12.8 19.2

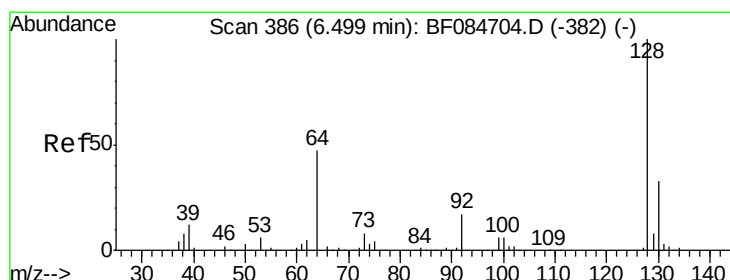
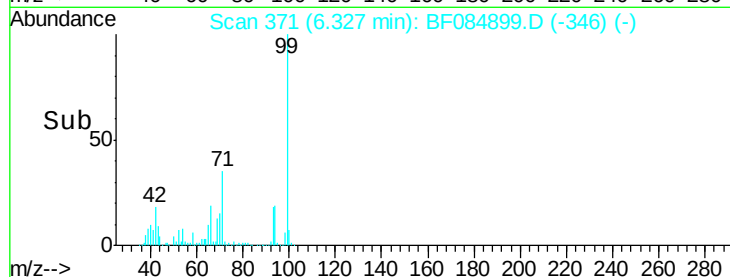
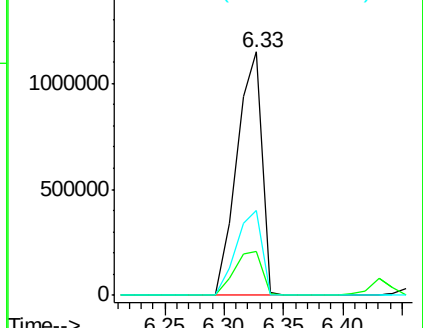
71 34.8 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.12 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

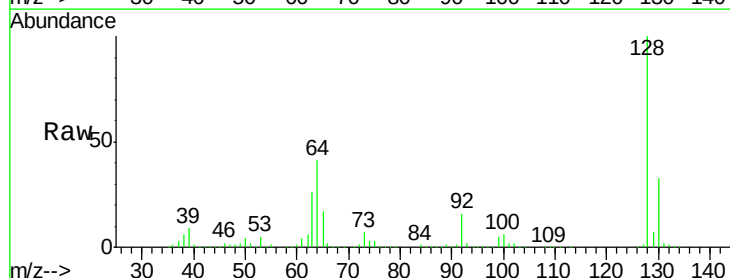
Tgt Ion: 128 Resp: 550146

Ion Ratio Lower Upper

128 100

130 33.3 11.6 51.6

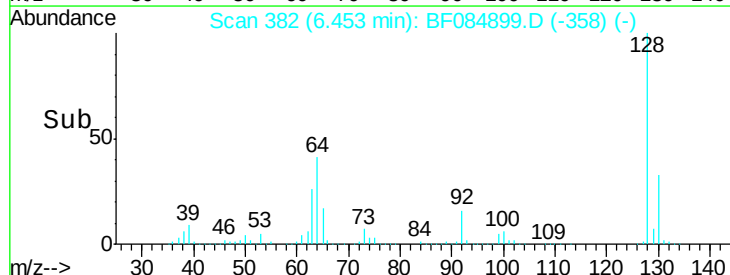
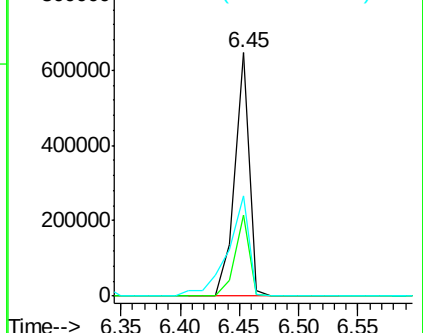
64 41.1 23.8 63.8

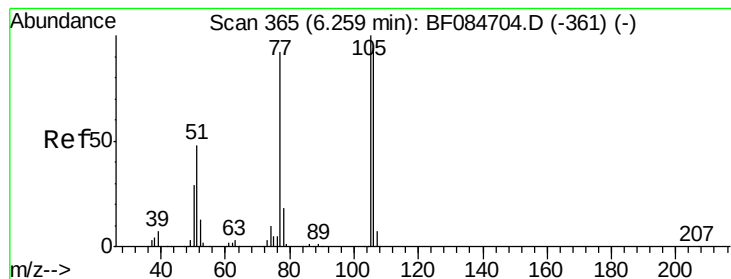


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 24.30 ng

RT: 6.20 min Scan# 360

Delta R.T. -0.03 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

Instrument :

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ClientSampleId :

S4-B009(5-7)MS

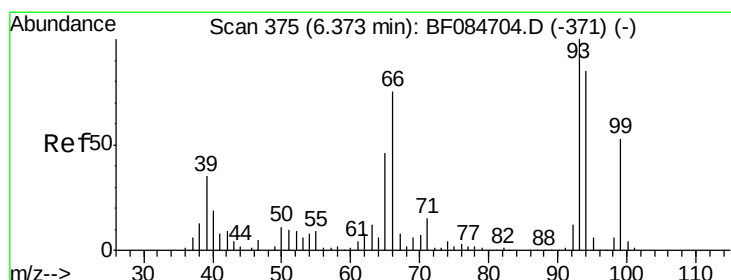
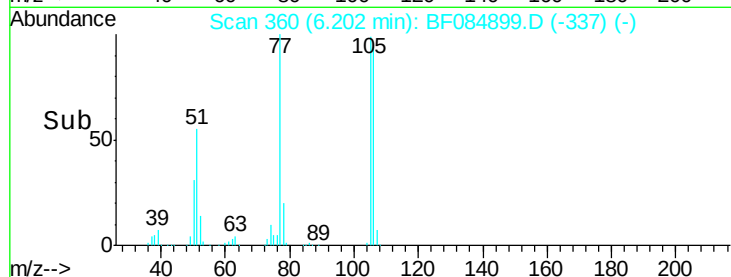
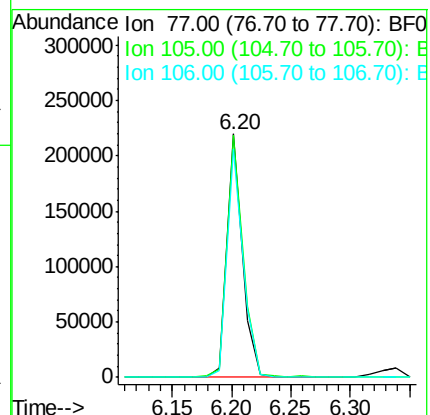
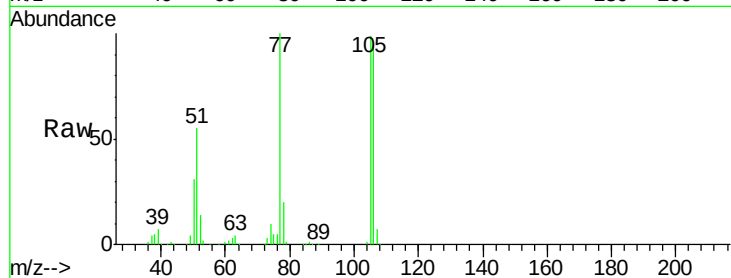
Tgt Ion: 77 Resp: 195955

Ion Ratio Lower Upper

77 100

105 99.4 83.0 123.0

106 93.6 74.6 114.6



#10

Phenol

Concen: 47.89 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.01 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

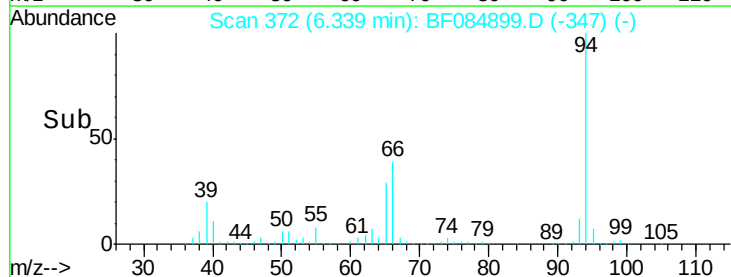
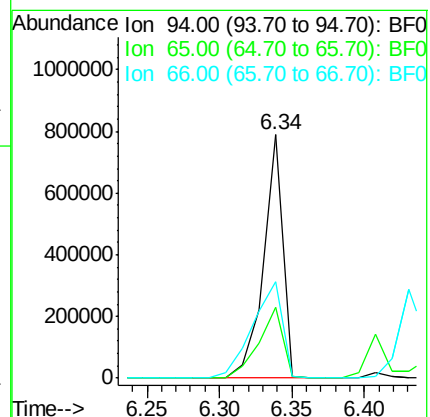
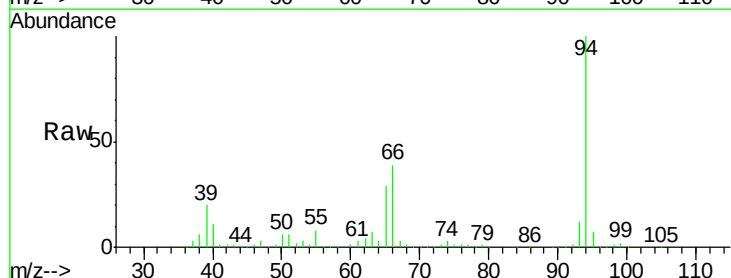
Tgt Ion: 94 Resp: 732762

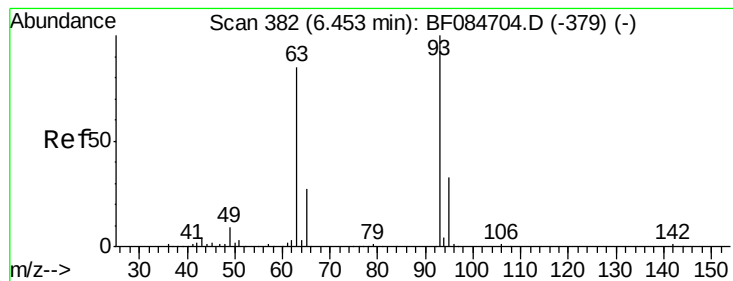
Ion Ratio Lower Upper

94 100

65 29.0 12.9 52.9

66 39.4 32.7 72.7





#11

bis(2-Chloroethyl)ether

Concen: 39.91 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.02 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

Instrument :

BNA_F

ClientSampleId :

S4-B009(5-7)MS

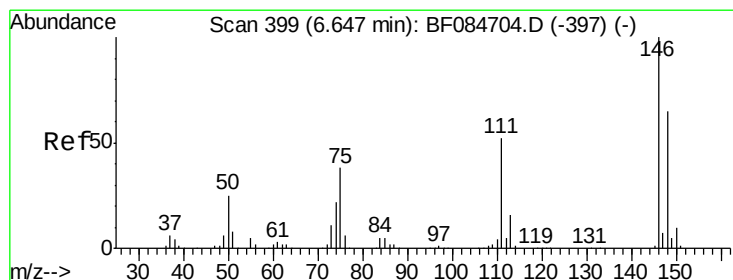
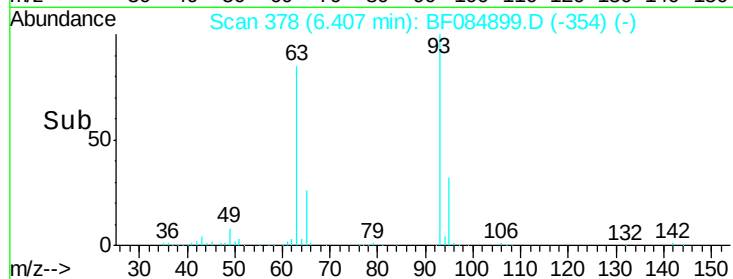
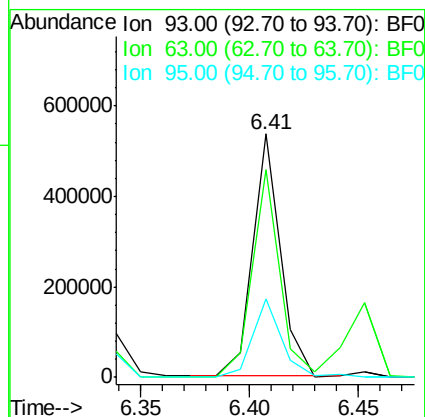
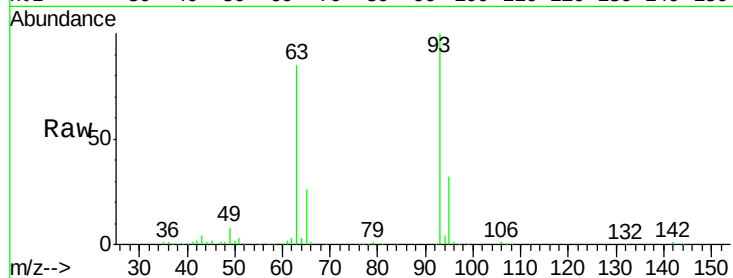
Tgt Ion: 93 Resp: 476199

Ion Ratio Lower Upper

93 100

63 85.2 45.9 85.9

95 32.3 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 42.92 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.06 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

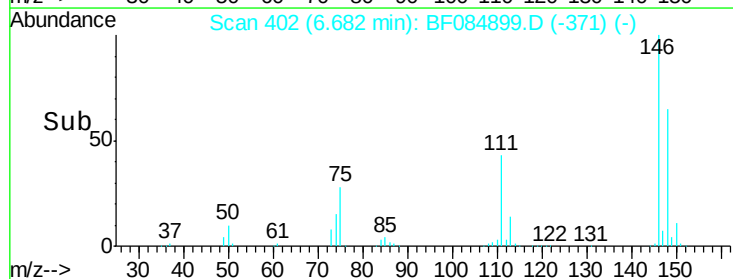
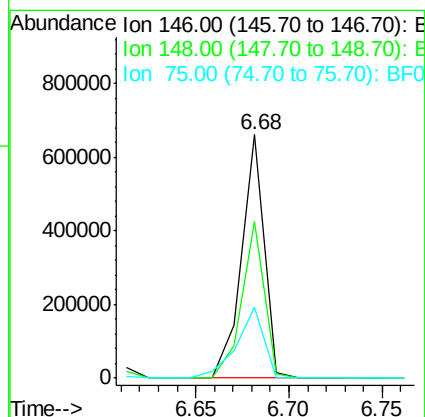
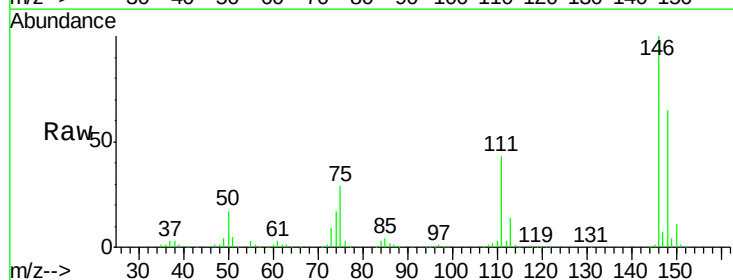
Tgt Ion: 146 Resp: 565426

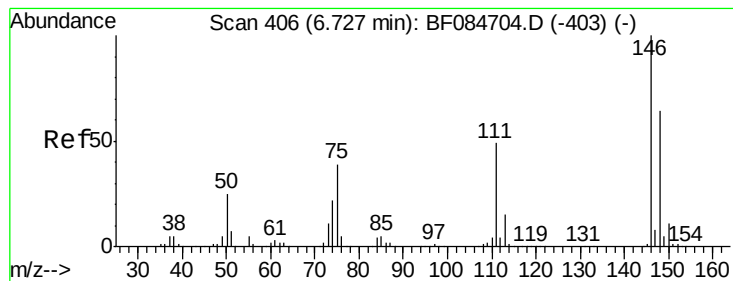
Ion Ratio Lower Upper

146 100

148 64.6 51.9 77.9

75 29.0 20.5 30.7





#13

1,4-Dichlorobenzene

Concen: 42.93 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

Instrument :

BNA_F

ClientSampleId :

S4-B009(5-7)MS

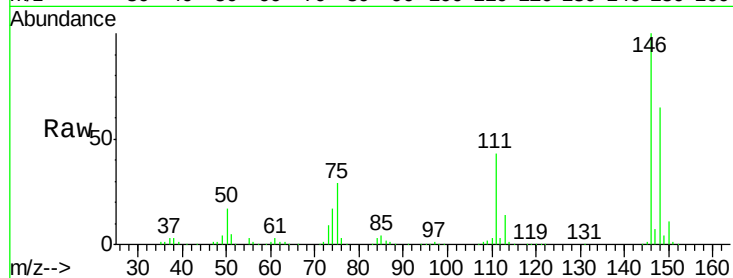
Tgt Ion:146 Resp: 565426

Ion Ratio Lower Upper

146 100

148 64.6 51.9 77.9

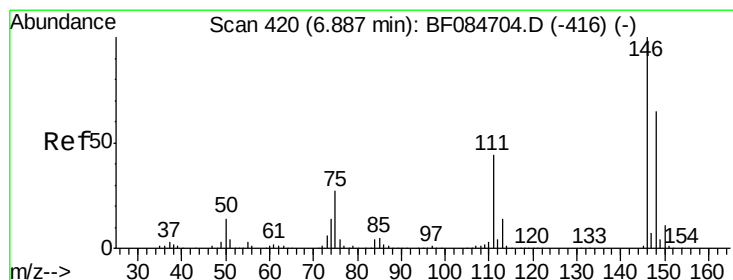
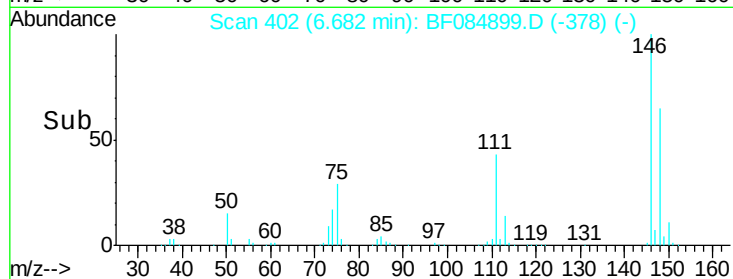
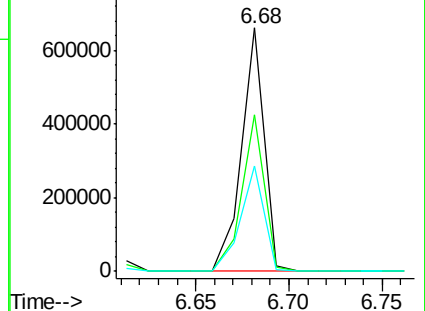
111 43.0 41.6 62.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.20 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.03 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

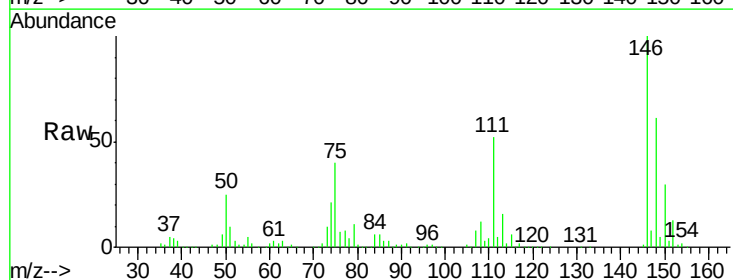
Tgt Ion:146 Resp: 468647

Ion Ratio Lower Upper

146 100

148 61.3 51.6 77.4

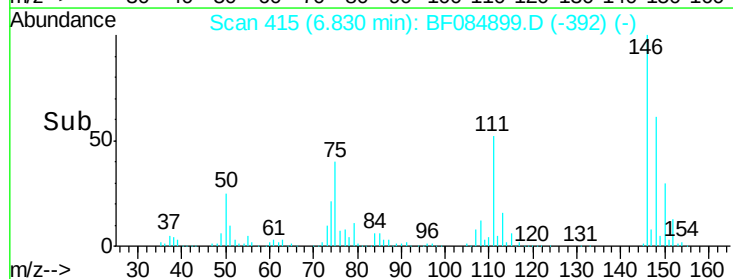
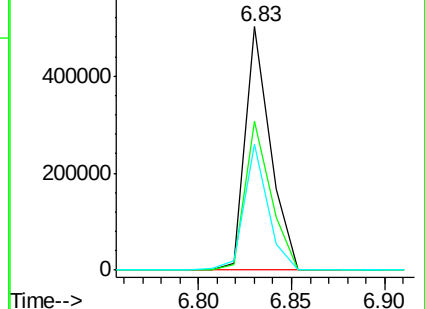
111 51.6 38.0 57.0

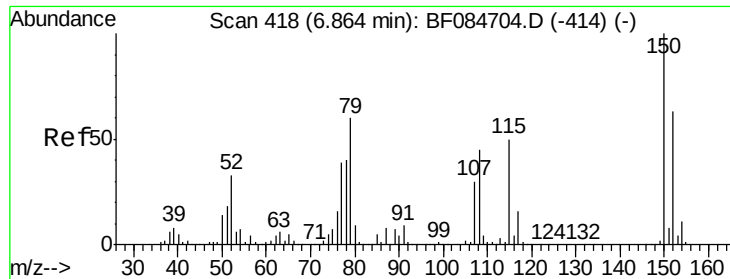


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

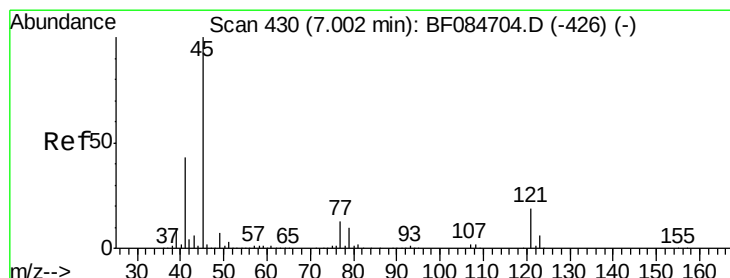
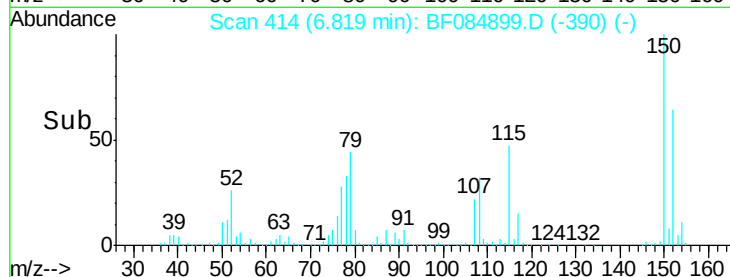
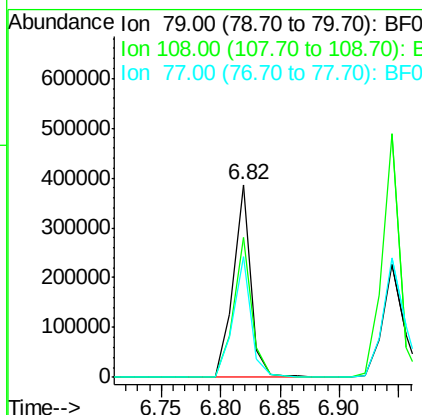
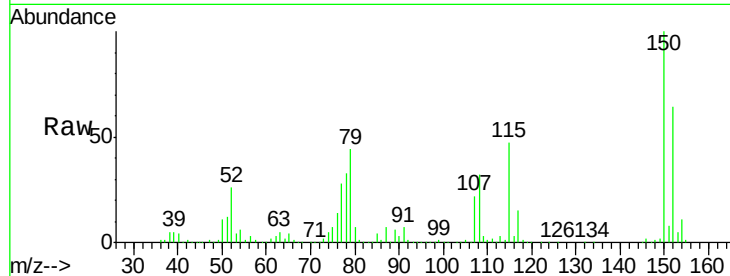




#15
Benzyl Alcohol
Concen: 42.69 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

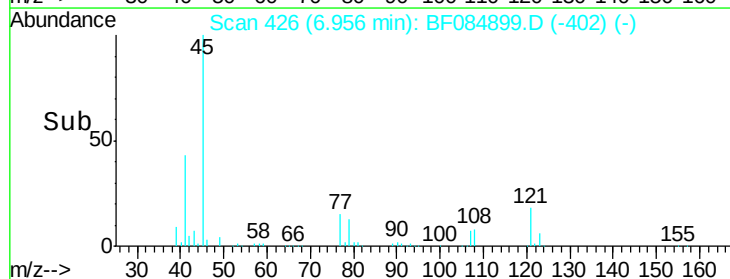
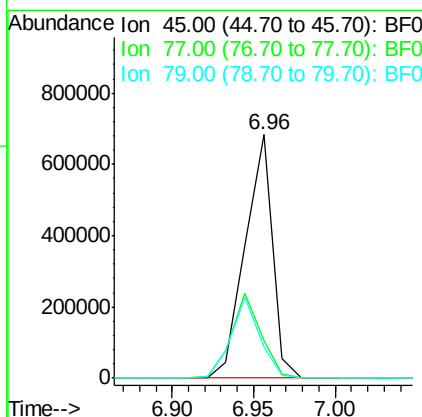
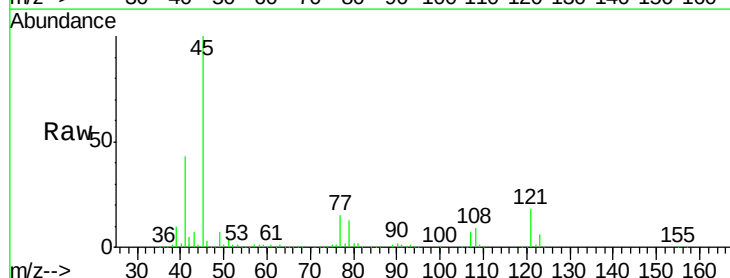
Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

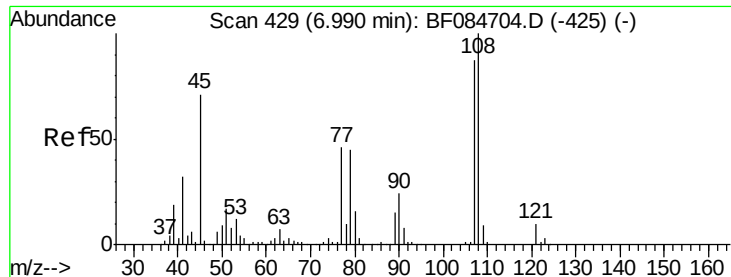
Tgt Ion: 79 Resp: 402621
Ion Ratio Lower Upper
79 100
108 72.8 69.0 103.4
77 62.6 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.47 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion: 45 Resp: 792082
Ion Ratio Lower Upper
45 100
77 15.3 0.0 39.6
79 12.7 0.0 35.0

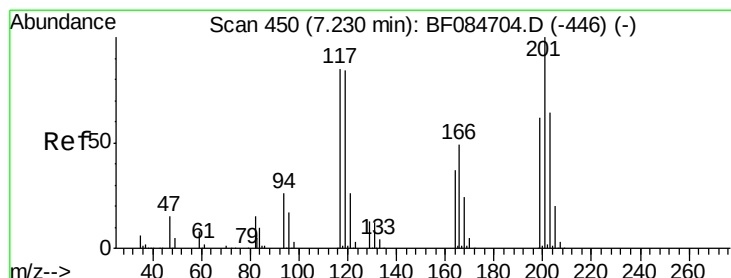
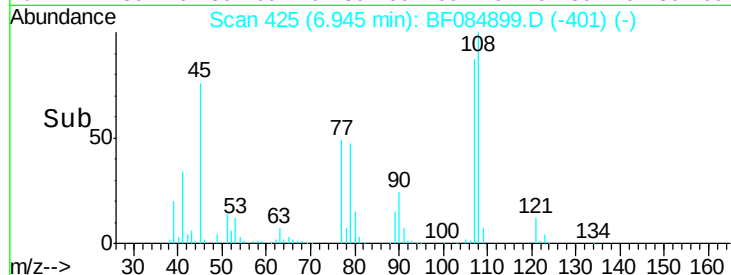
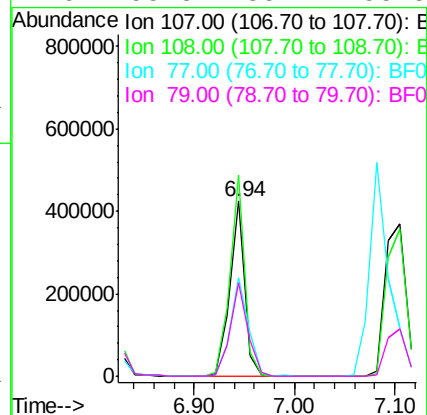
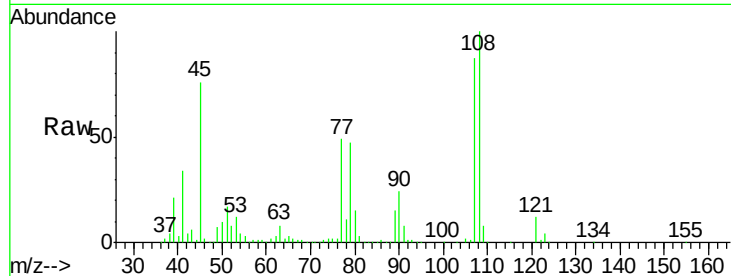




#17
2-Methylphenol
Concen: 44.11 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

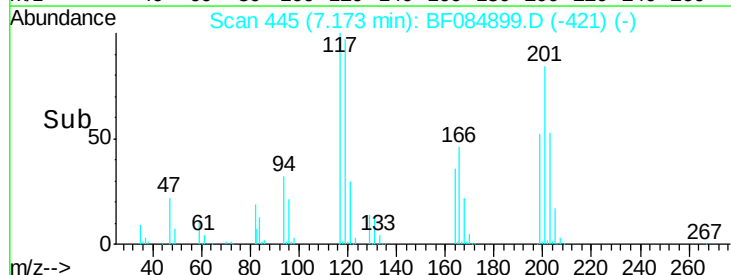
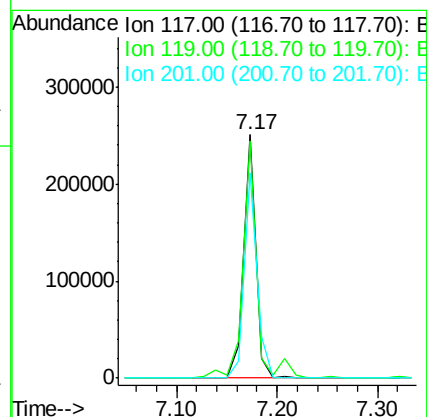
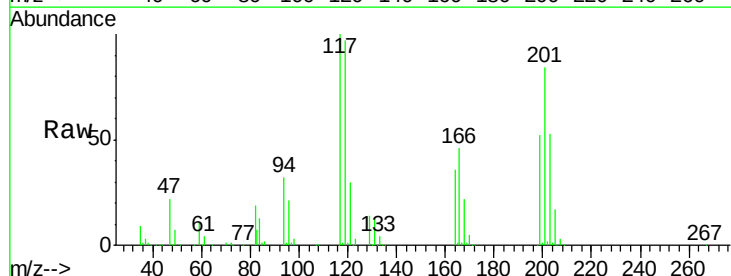
Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

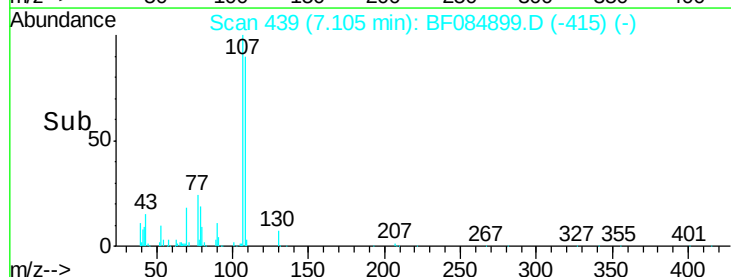
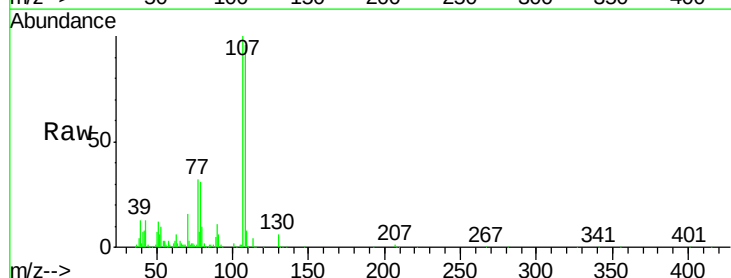
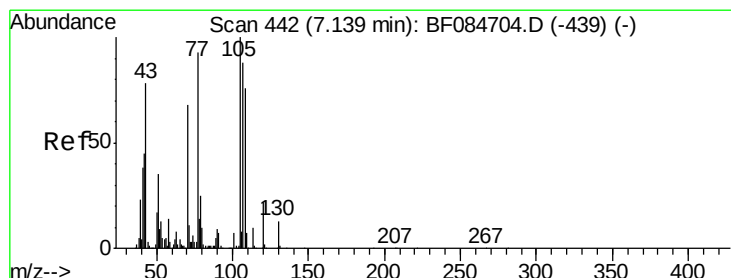
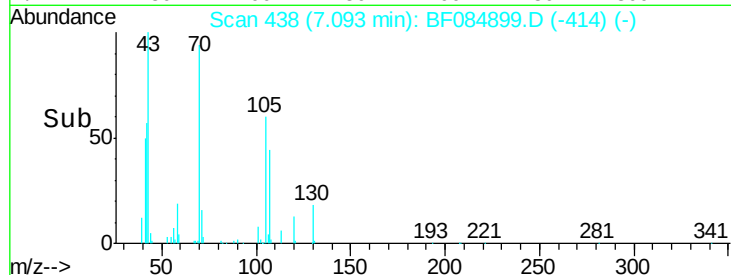
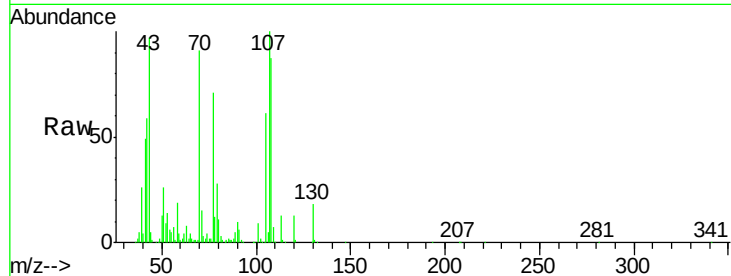
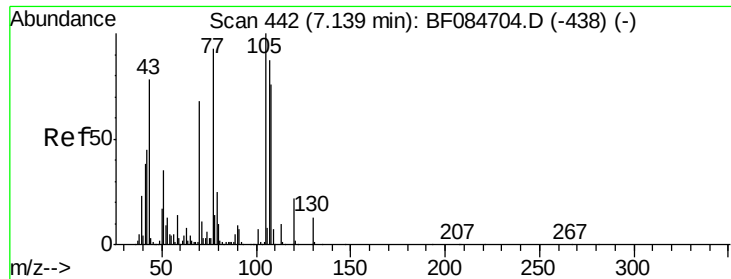
Tgt Ion:107 Resp: 434964
Ion Ratio Lower Upper
107 100
108 115.2 89.8 134.6
77 56.6 35.7 53.5#
79 53.8 35.7 53.5#



#18
Hexachloroethane
Concen: 41.81 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:117 Resp: 212072
Ion Ratio Lower Upper
117 100
119 97.2 77.4 116.0
201 84.4 68.6 103.0

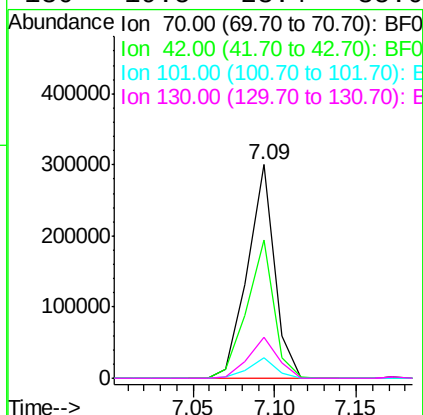




#19
n-Nitroso-di-n-propylamine
Concen: 40.32 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

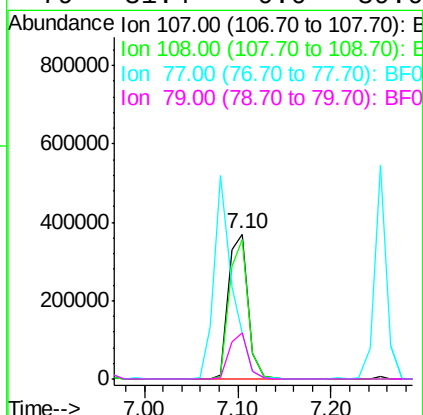
Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

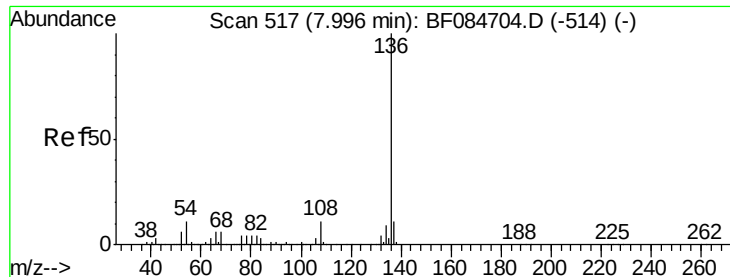
Tgt Ion	Ratio	Lower	Upper
70	100		
42	64.5	33.3	49.9#
101	9.4	9.3	13.9
130	19.5	23.4	35.0#



#20
3+4-Methylphenols
Concen: 44.37 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	96.2	74.6	114.6
77	31.7	0.7	40.7
79	31.4	0.0	39.0

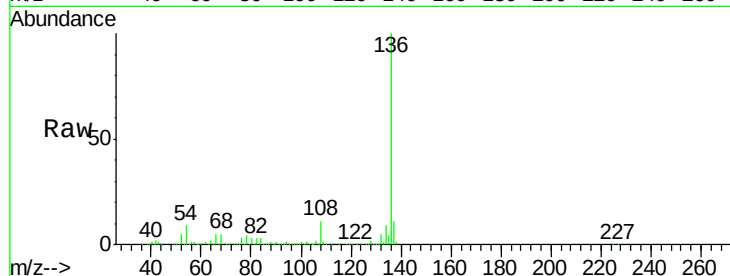




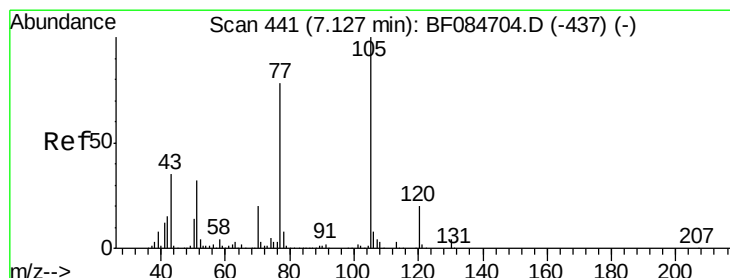
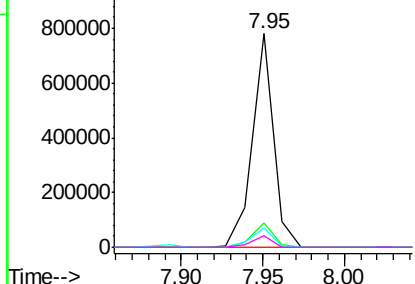
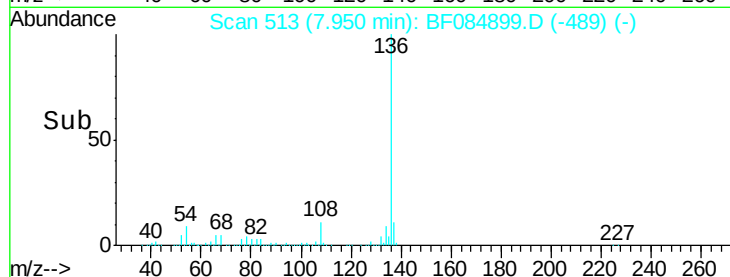
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

Tgt Ion:	136	Resp:	701232
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.7	13.1
54	8.9	5.8	8.8#
68	5.1	4.2	6.2

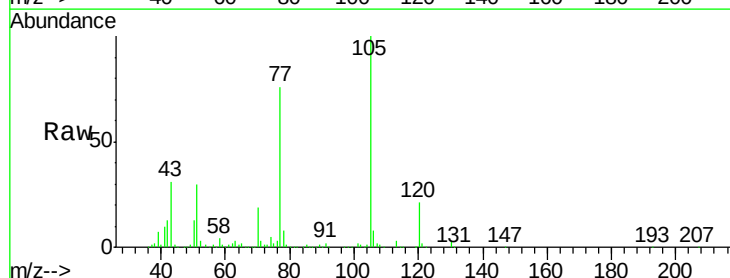


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

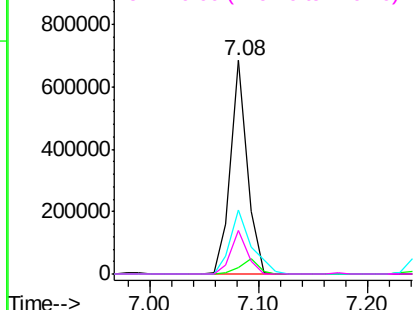
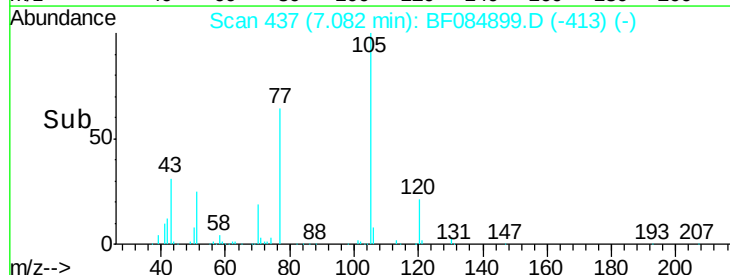


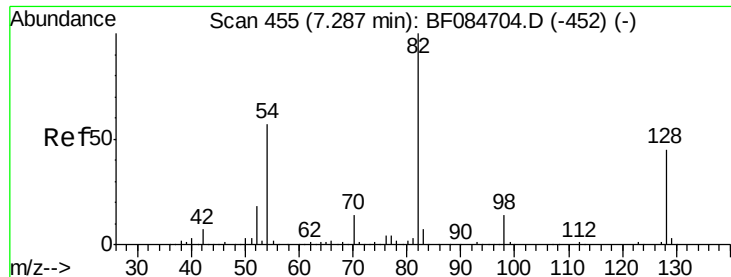
#22
Acetophenone
Concen: 39.39 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:	105	Resp:	727991
Ion Ratio	Lower	Upper	
105	100		
71	3.0	3.7	5.5#
51	30.1	25.1	37.7
120	20.5	16.6	25.0



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: 86.06 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.02 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

Instrument :

BNA_F

ClientSampleId :

S4-B009(5-7)MS

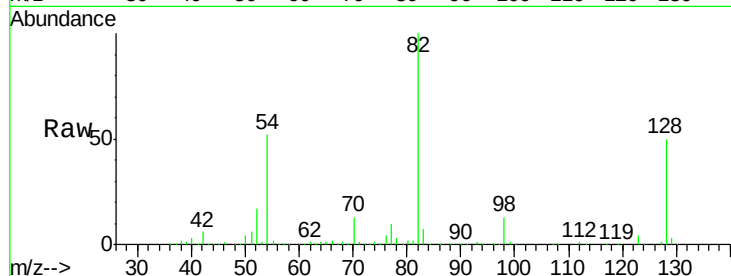
Tgt Ion: 82 Resp: 1071273

Ion Ratio Lower Upper

82 100

128 49.6 34.6 51.8

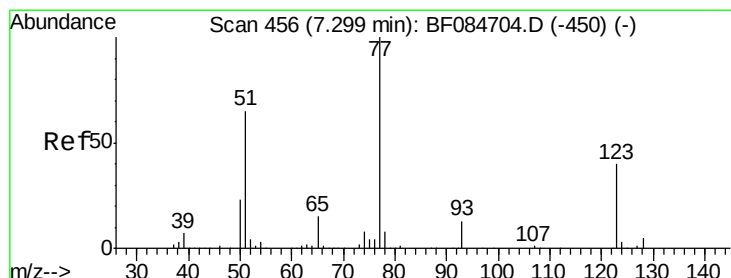
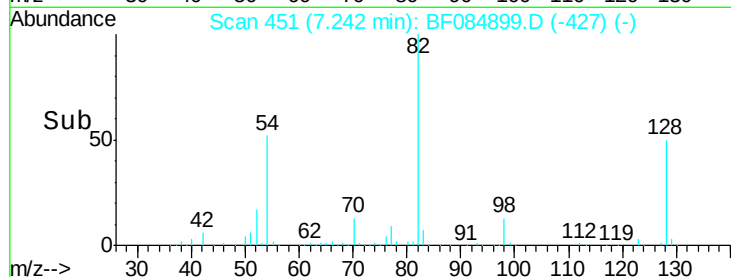
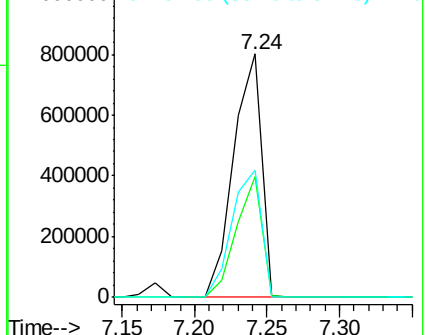
54 52.0 38.4 57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 36.93 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.02 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

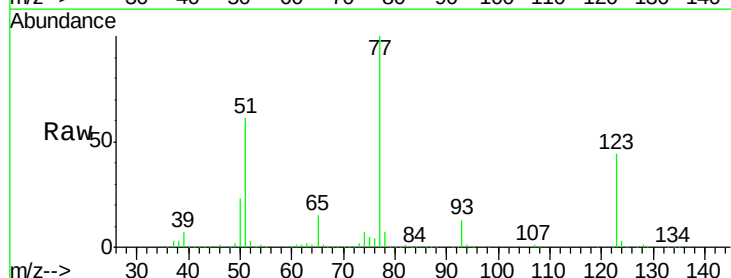
Tgt Ion: 77 Resp: 492250

Ion Ratio Lower Upper

77 100

123 43.5 37.4 56.2

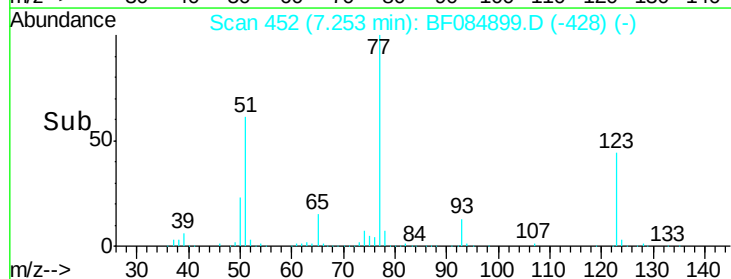
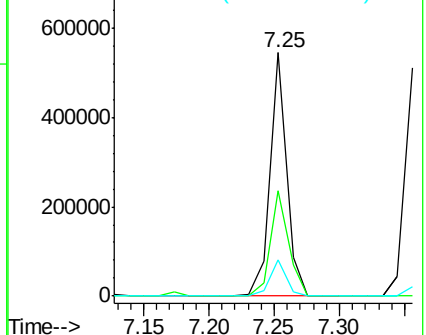
65 14.8 10.9 16.3

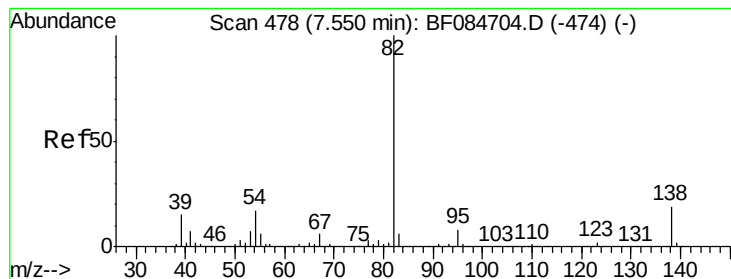


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.24 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.03 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

Instrument :

BNA_F

ClientSampleId :

S4-B009(5-7)MS

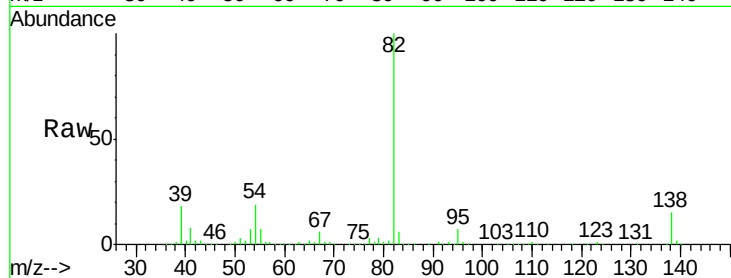
Tgt Ion: 82 Resp: 973944

Ion Ratio Lower Upper

82 100

95 6.9 6.6 10.0

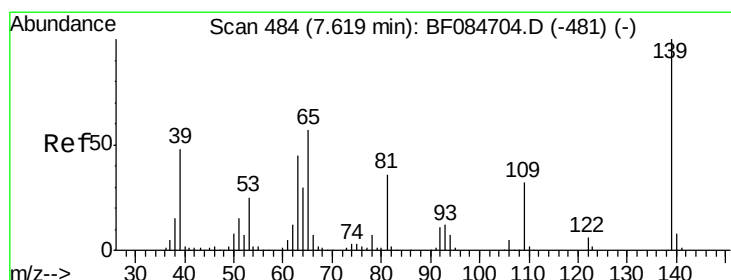
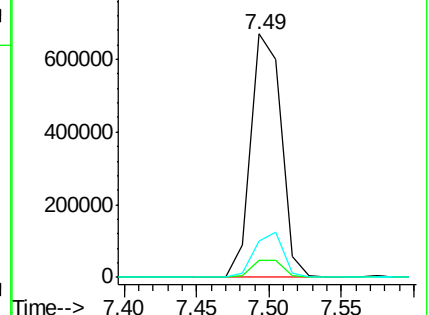
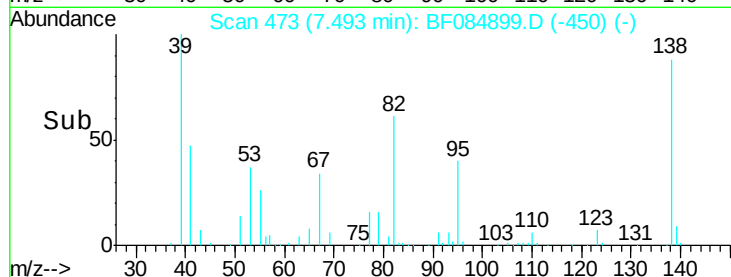
138 15.1 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 45.12 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.02 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

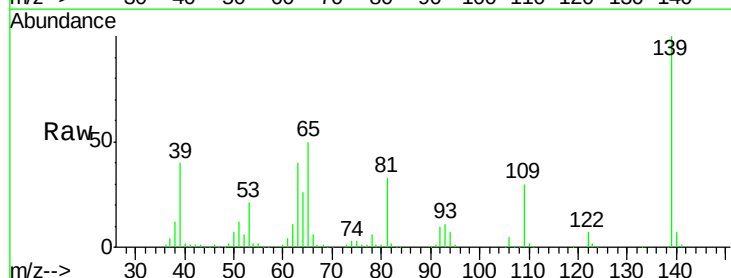
Tgt Ion: 139 Resp: 296667

Ion Ratio Lower Upper

139 100

109 29.7 25.4 38.2

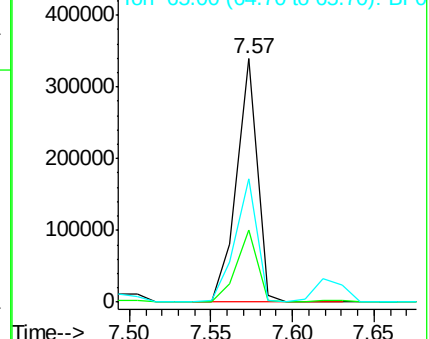
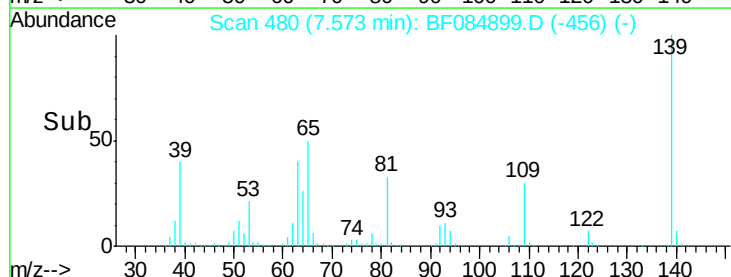
65 50.4 32.3 48.5#

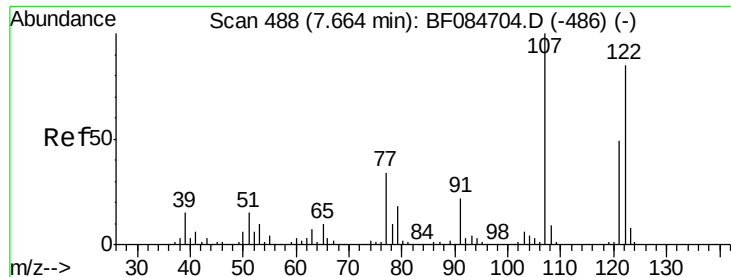


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 38.97 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.02 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

Instrument :

BNA_F

ClientSampleId :

S4-B009(5-7)MS

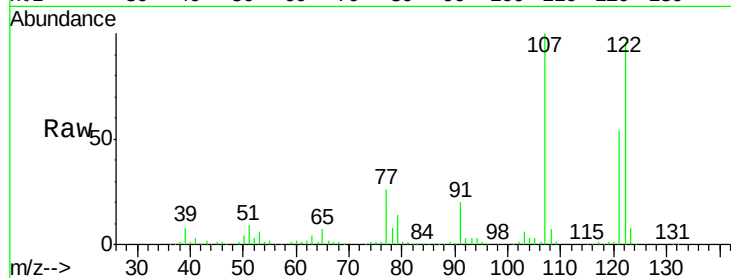
Tgt Ion:122 Resp: 445659

Ion Ratio Lower Upper

122 100

107 104.4 99.1 148.7

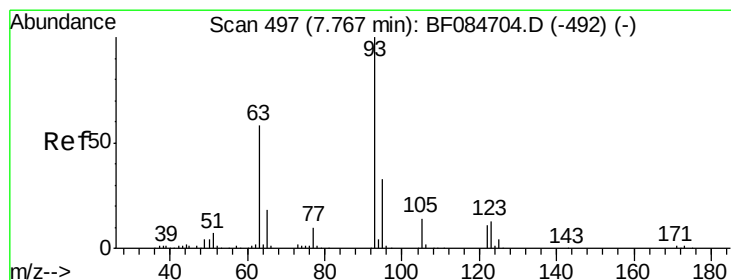
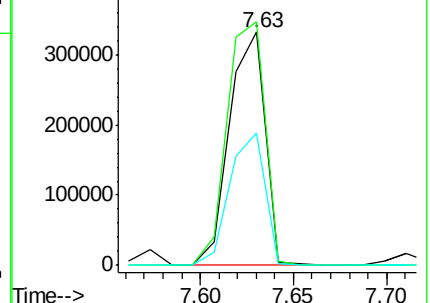
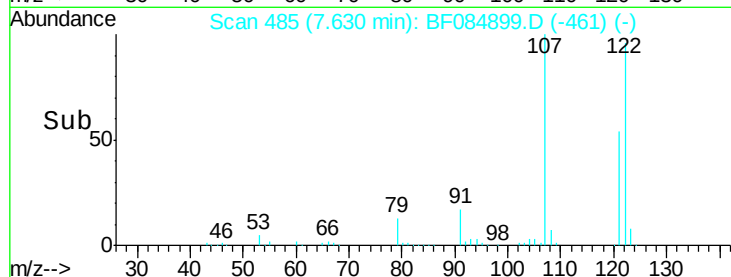
121 56.8 47.9 71.9



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: 41.29 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.03 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

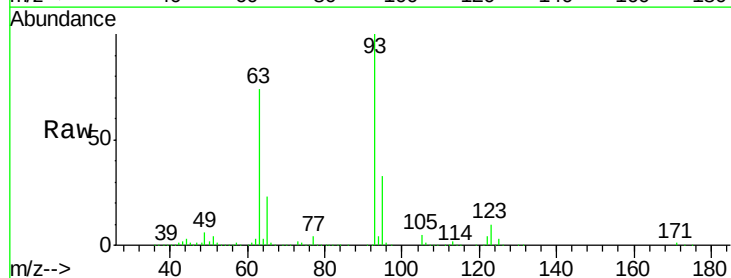
Tgt Ion: 93 Resp: 592905

Ion Ratio Lower Upper

93 100

95 33.0 25.8 38.6

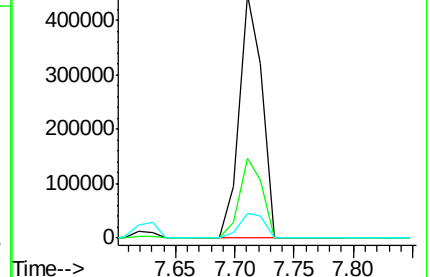
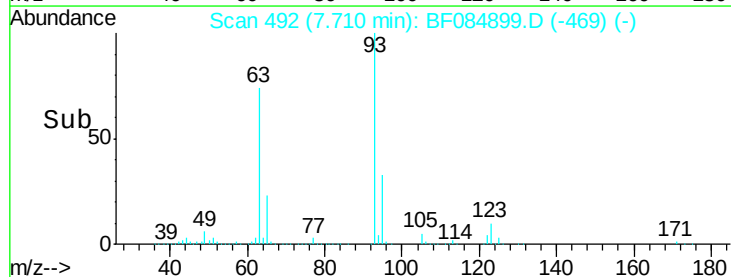
123 10.3 8.6 12.8

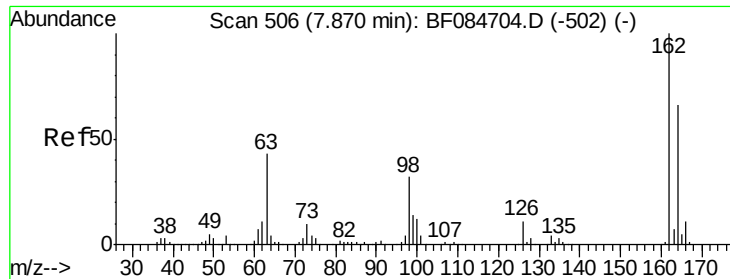


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

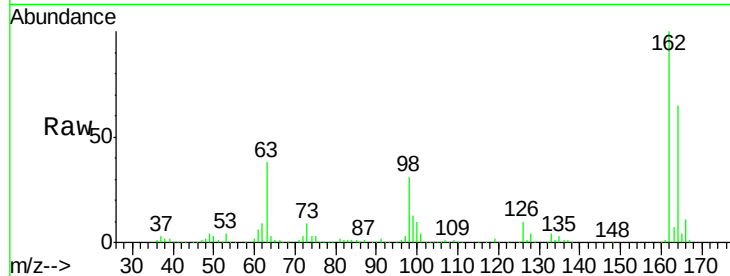




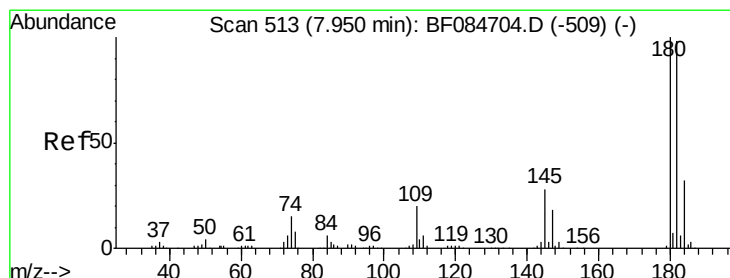
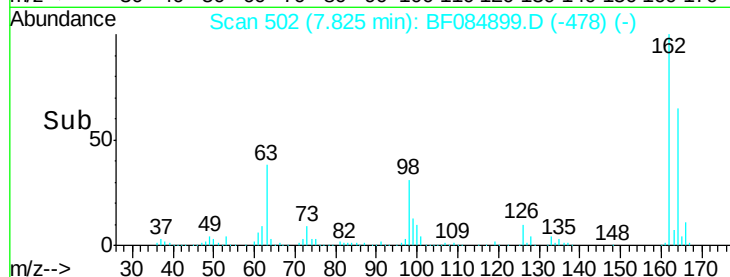
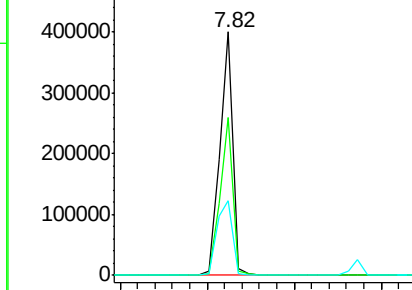
#29
 2,4-Dichlorophenol
 Concen: 43.05 ng
 RT: 7.82 min Scan# 502
 Delta R.T. -0.02 min
 Lab File: BF084899.D
 Acq: 6 Feb 2016 9:27

Instrument :
 BNA_F
 ClientSampleId :
 S4-B009(5-7)MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.1	84.1
98	30.6	20.2	60.2

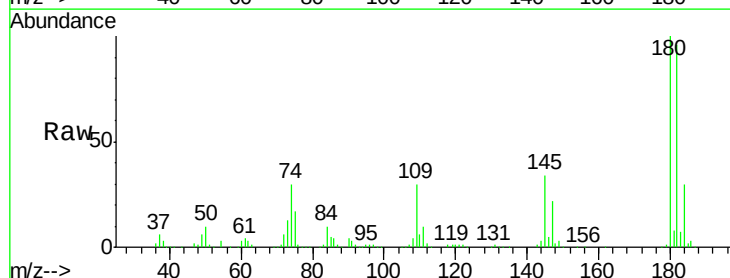


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

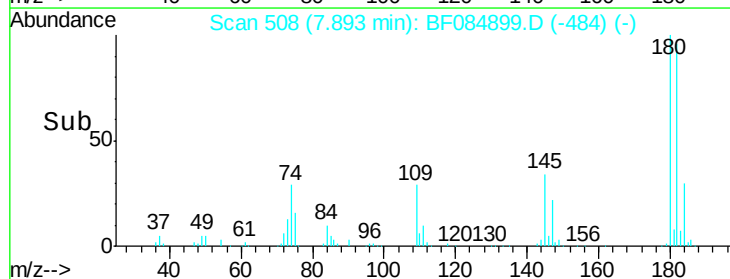
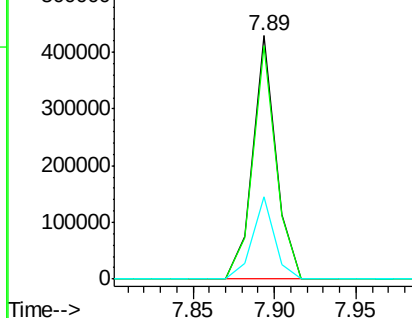


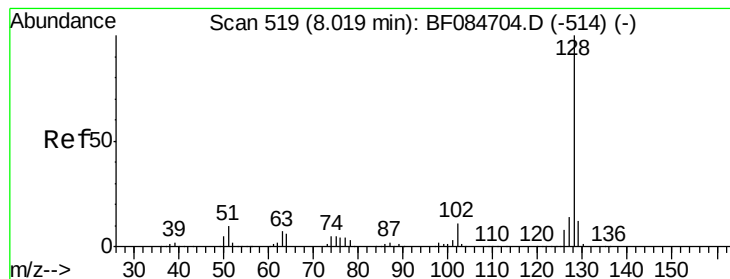
#30
 1,2,4-Trichlorobenzene
 Concen: 38.43 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: BF084899.D
 Acq: 6 Feb 2016 9:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.4	114.6
145	34.0	31.6	47.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.68 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

Instrument :

BNA_F

ClientSampleId :

S4-B009(5-7)MS

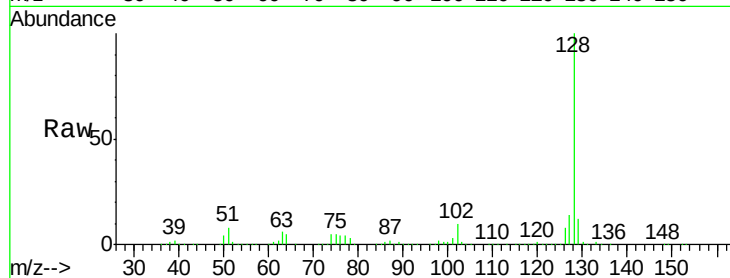
Tgt Ion:128 Resp: 1465911

Ion Ratio Lower Upper

128 100

129 11.9 9.1 13.7

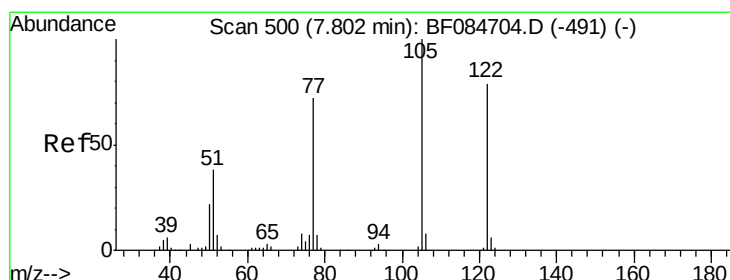
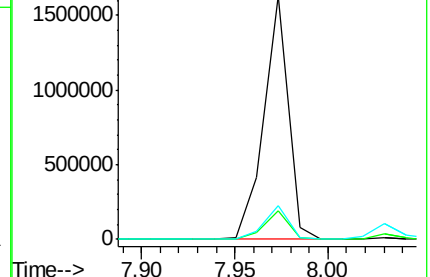
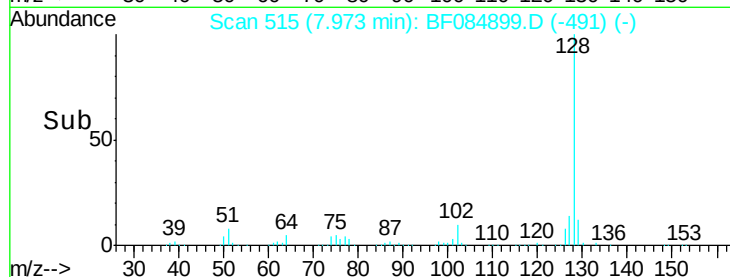
127 14.0 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 2.72 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.08 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

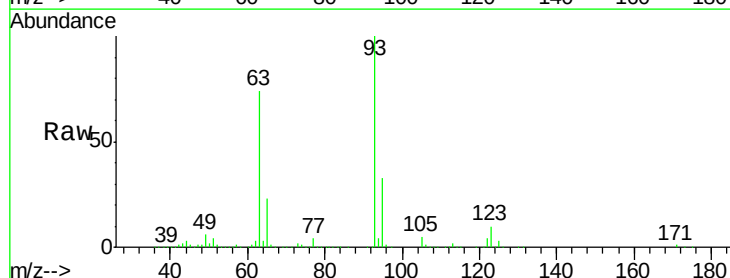
Tgt Ion:122 Resp: 19900

Ion Ratio Lower Upper

122 100

105 124.6 100.3 140.3

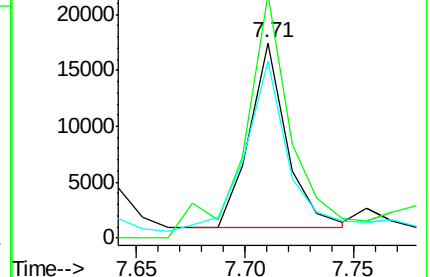
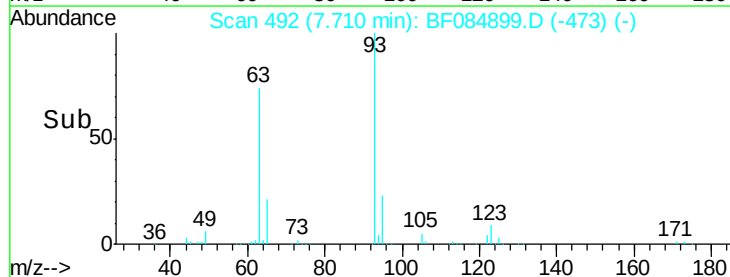
77 90.6 63.5 103.5

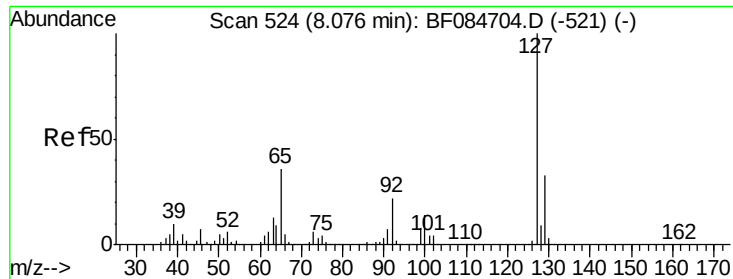


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

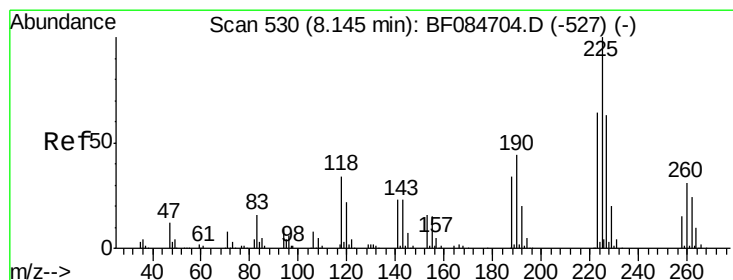
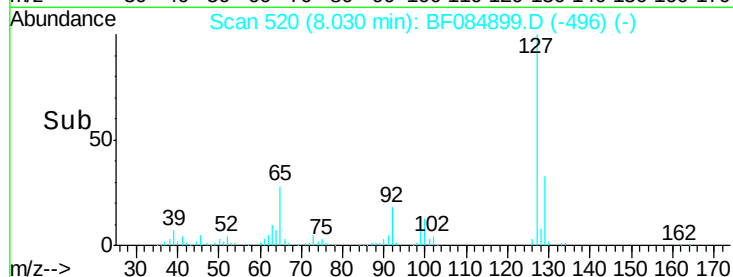
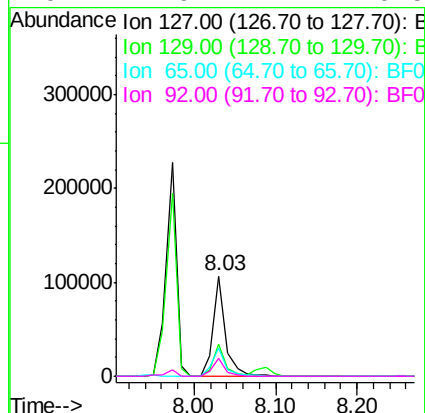
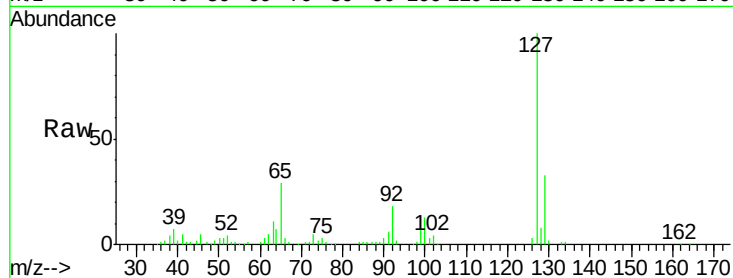




#33
4-Chloroaniline
Concen: 8.08 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

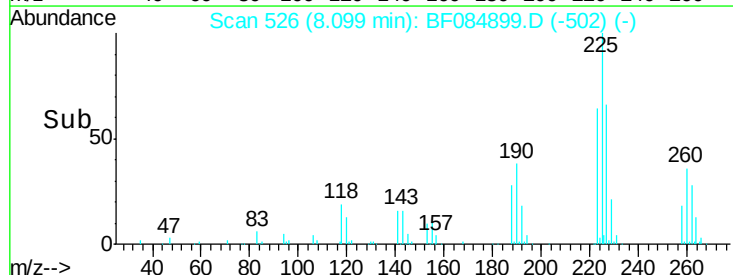
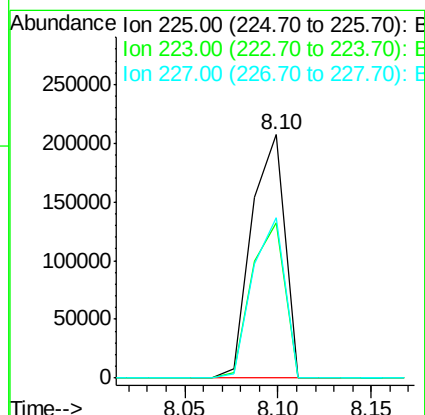
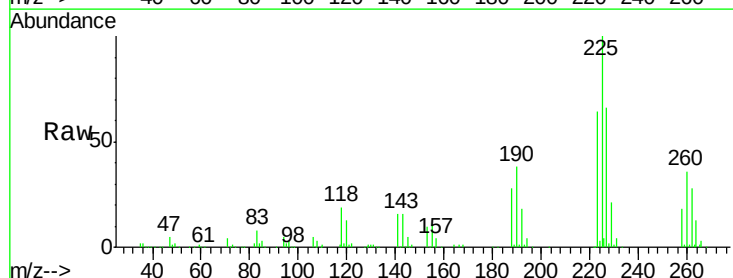
Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

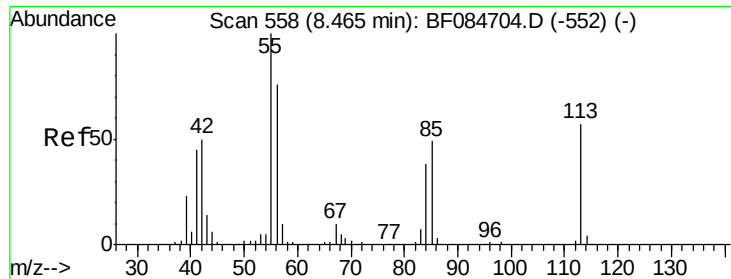
Tgt Ion:	127	Resp:	117574
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.5	39.7
65	28.8	27.2	40.8
92	17.9	17.7	26.5



#34
Hexachlorobutadiene
Concen: 39.81 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:	225	Resp:	253701
Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.4	74.0
227	66.1	50.8	76.2

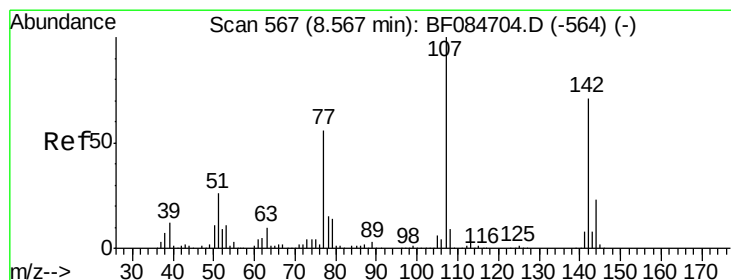
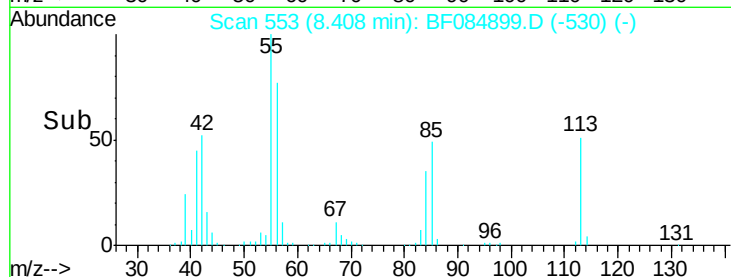
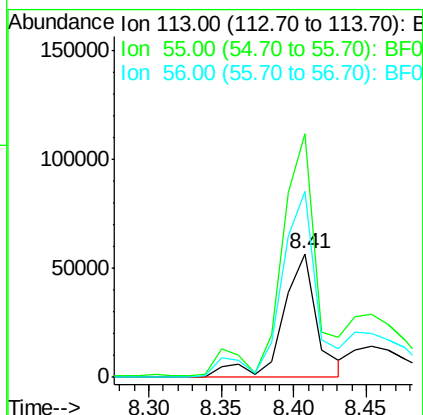
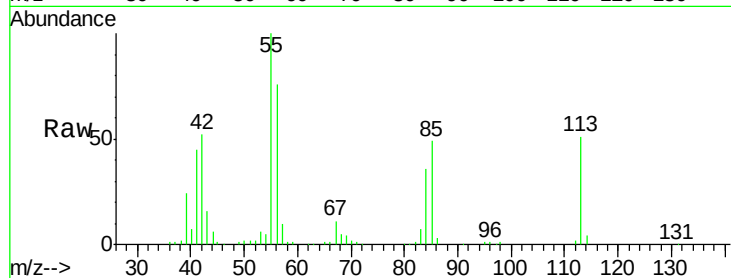




#35
 Caprolactam
 Concen: 30.94 ng
 RT: 8.41 min Scan# 553
 Delta R.T. -0.03 min
 Lab File: BF084899.D
 Acq: 6 Feb 2016 9:27

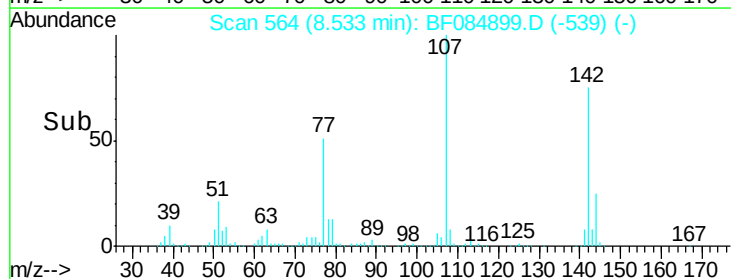
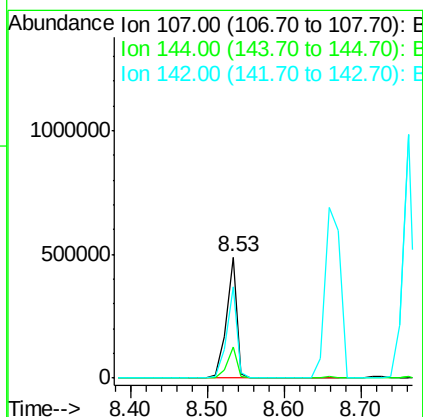
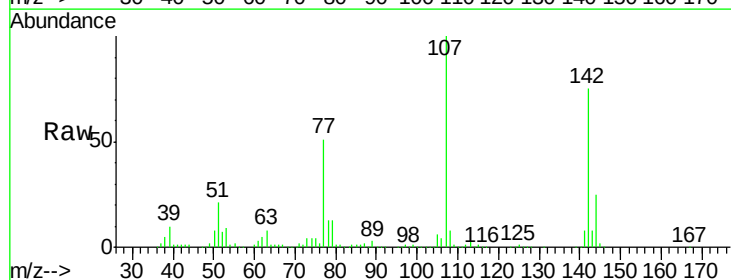
Instrument :
 BNA_F
 ClientSampleId :
 S4-B009(5-7)MS

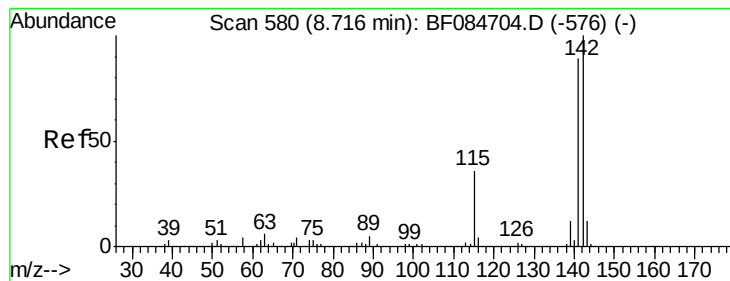
Tgt Ion:113 Resp: 93299
 Ion Ratio Lower Upper
 113 100
 55 197.1 116.9 156.9#
 56 150.2 93.8 133.8#



#36
 4-Chloro-3-methylphenol
 Concen: 42.89 ng
 RT: 8.53 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: BF084899.D
 Acq: 6 Feb 2016 9:27

Tgt Ion:107 Resp: 478795
 Ion Ratio Lower Upper
 107 100
 144 25.3 19.7 29.5
 142 75.2 61.8 92.6





#37

2-Methylnaphthalene

Concen: 42.56 ng

RT: 8.66 min Scan# 575

Delta R.T. -0.03 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

Instrument :

BNA_F

ClientSampleId :

S4-B009(5-7)MS

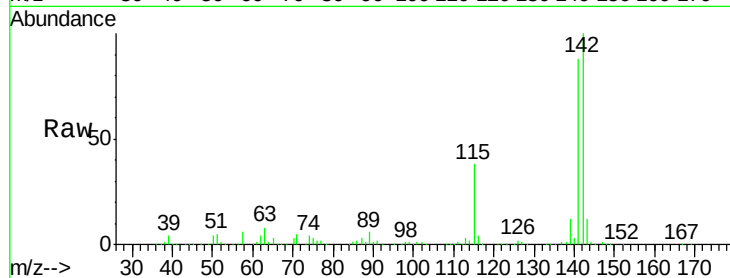
Tgt Ion:142 Resp: 936840

Ion Ratio Lower Upper

142 100

141 88.4 72.4 108.6

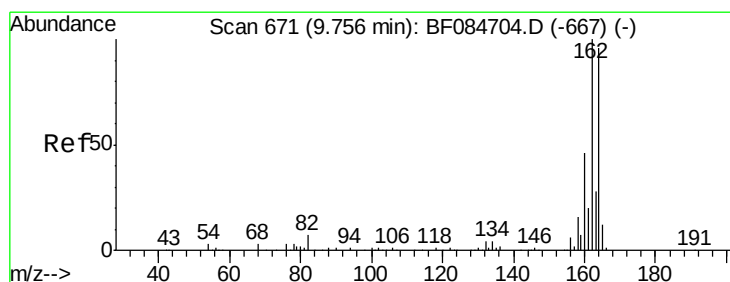
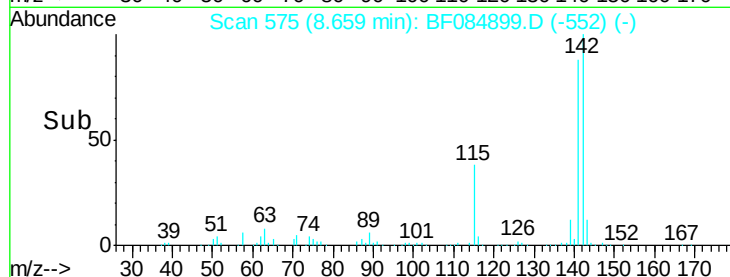
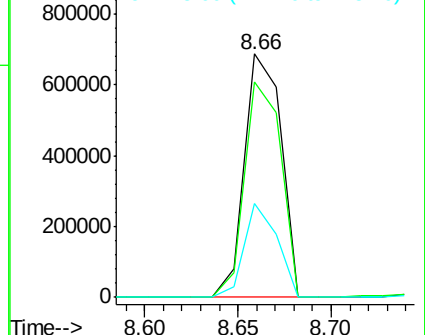
115 38.5 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

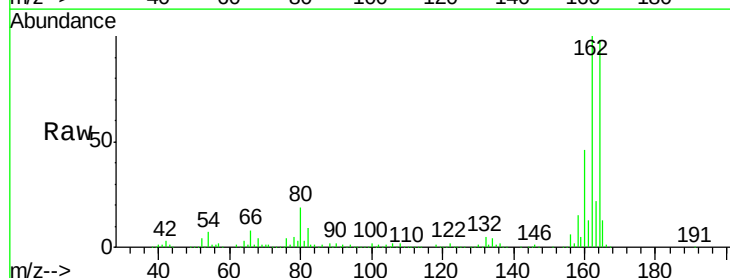
Tgt Ion:164 Resp: 304956

Ion Ratio Lower Upper

164 100

162 102.1 85.1 127.7

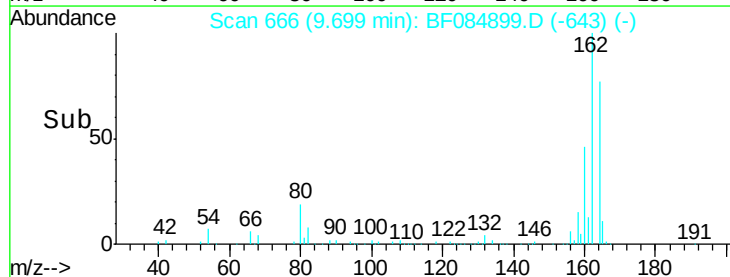
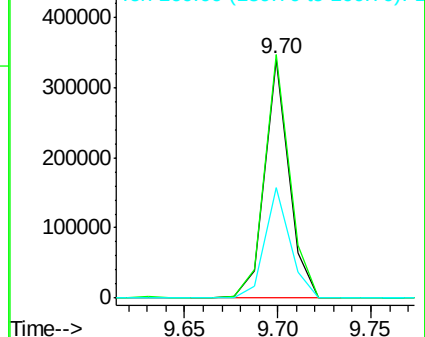
160 46.5 37.5 56.3

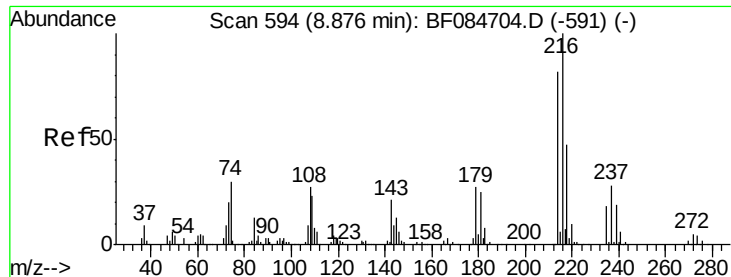


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.74 ng

RT: 8.83 min Scan# 590

Delta R.T. -0.02 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

Instrument :

BNA_F

ClientSampleId :

S4-B009(5-7)MS

Tgt Ion:216 Resp: 394531

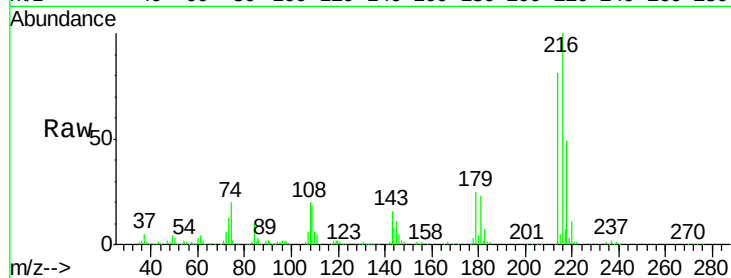
Ion Ratio Lower Upper

216 100

214 80.3 64.2 96.2

179 24.6 18.7 28.1

108 22.3 16.8 25.2

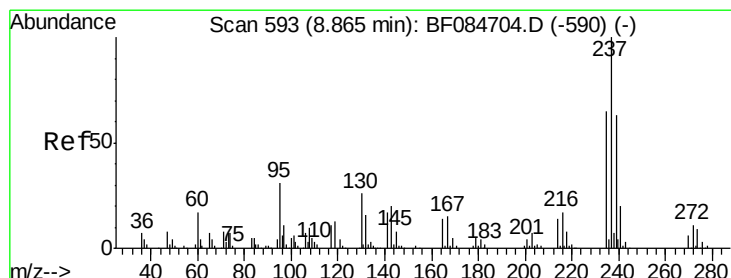
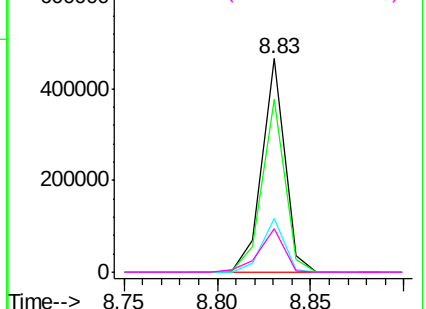
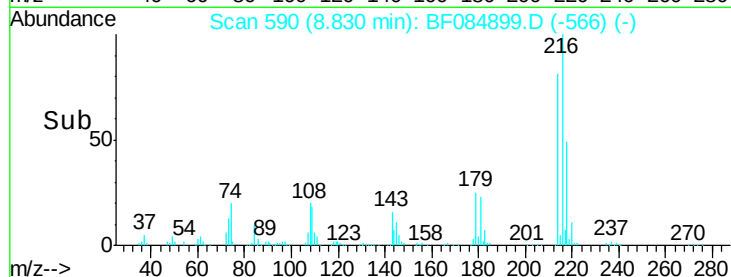


Abundance Ion 216.00 (215.70 to 216.70): E

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: 59.44 ng

RT: 8.82 min Scan# 589

Delta R.T. -0.02 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

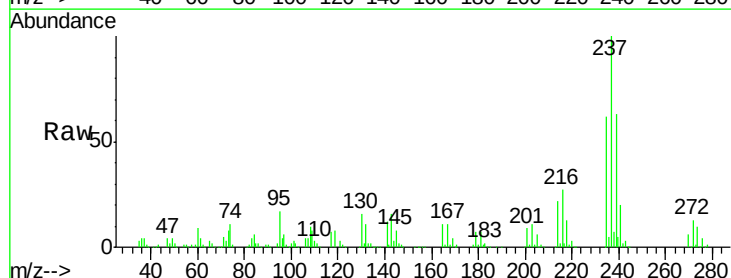
Tgt Ion:237 Resp: 227117

Ion Ratio Lower Upper

237 100

235 61.9 43.1 83.1

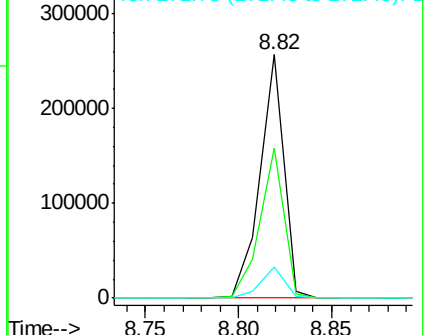
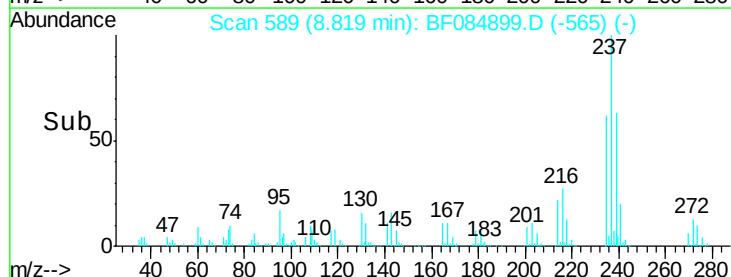
272 12.6 0.0 35.1

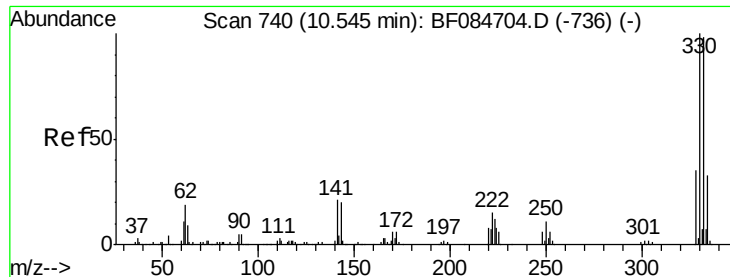


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

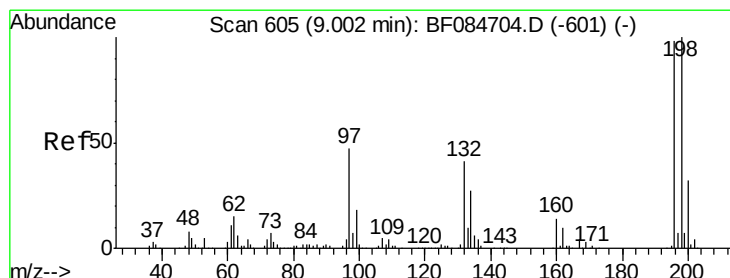
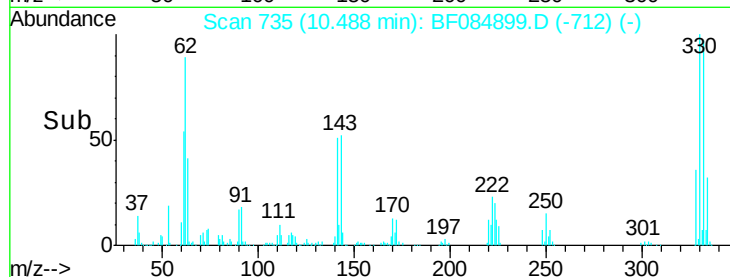
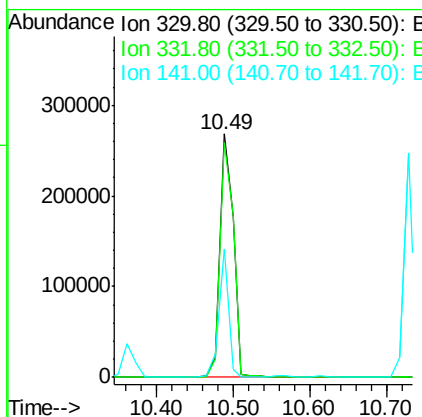
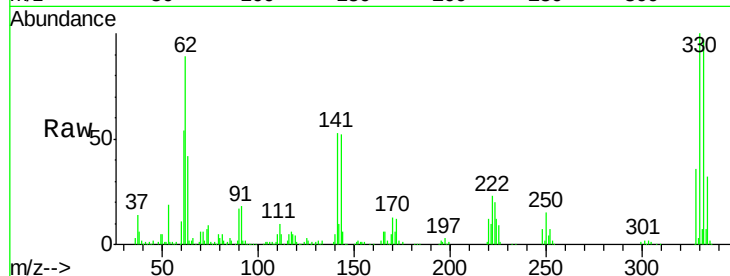




#41
 2,4,6-Tribromophenol
 Concen: 102.91 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF084899.D
 Acq: 6 Feb 2016 9:27

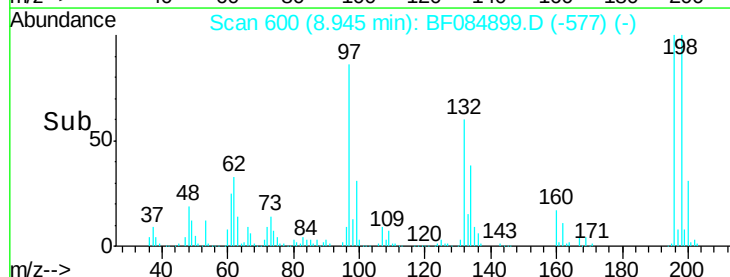
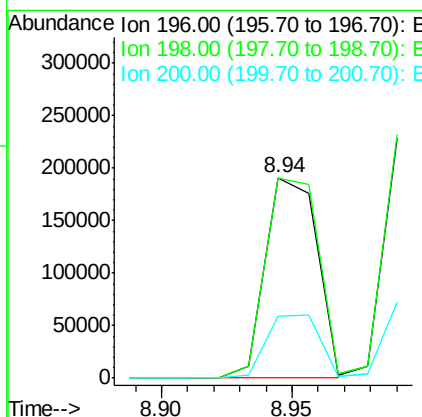
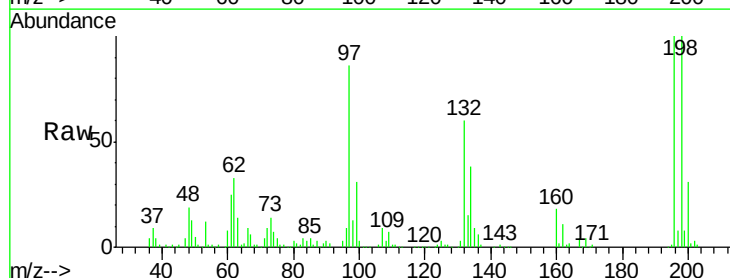
Instrument :
 BNA_F
 ClientSampleId :
 S4-B009(5-7)MS

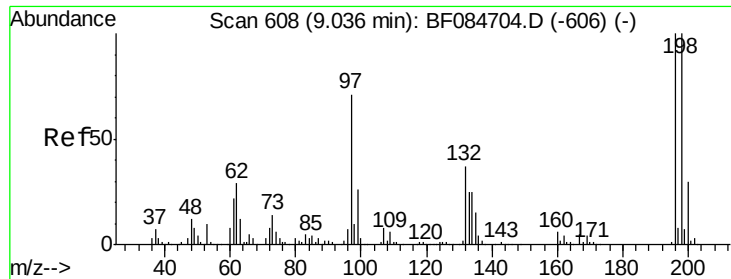
Tgt Ion:330 Resp: 327366
 Ion Ratio Lower Upper
 330 100
 332 98.4 76.6 114.8
 141 37.7 27.8 41.6



#42
 2,4,6-Trichlorophenol
 Concen: 41.99 ng
 RT: 8.94 min Scan# 600
 Delta R.T. -0.03 min
 Lab File: BF084899.D
 Acq: 6 Feb 2016 9:27

Tgt Ion:196 Resp: 262008
 Ion Ratio Lower Upper
 196 100
 198 99.7 77.7 116.5
 200 30.8 24.6 37.0

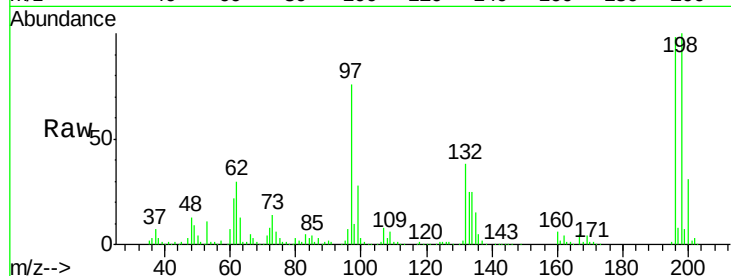




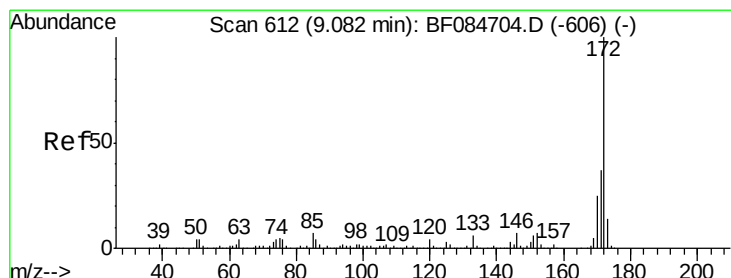
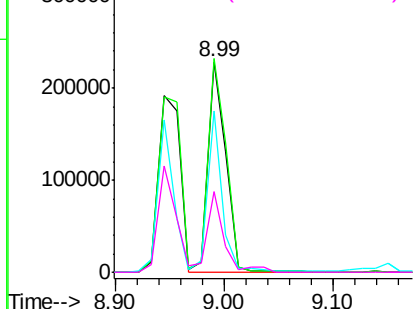
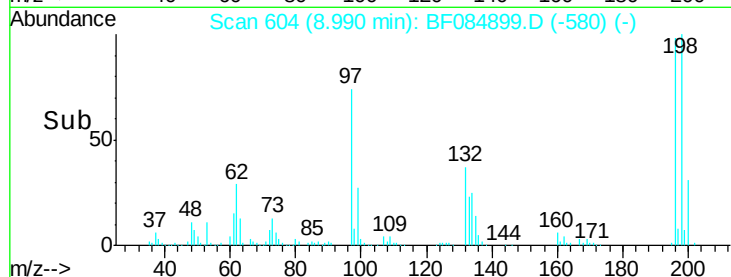
#43
 2,4,5-Trichlorophenol
 Concen: 41.10 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.02 min
 Lab File: BF084899.D
 Acq: 6 Feb 2016 9:27

Instrument :
 BNA_F
 ClientSampleId :
 S4-B009(5-7)MS

Tgt Ion:196 Resp: 260593
 Ion Ratio Lower Upper
 196 100
 198 101.7 79.0 118.6
 97 76.8 33.0 49.6#
 132 38.4 21.1 31.7#

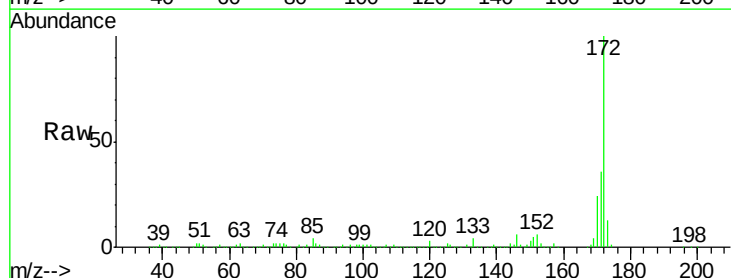


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

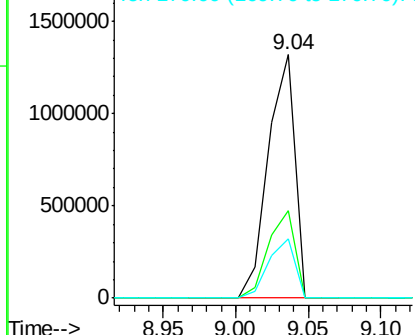
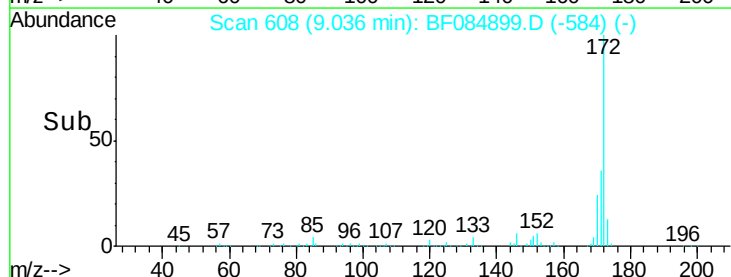


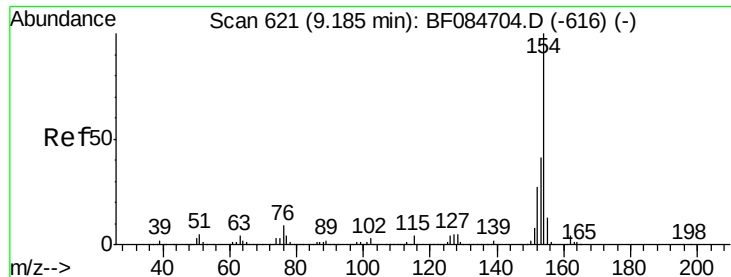
#44
 2-Fluorobiphenyl
 Concen: 97.87 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF084899.D
 Acq: 6 Feb 2016 9:27

Tgt Ion:172 Resp: 1682297
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.9 43.3
 170 24.4 18.6 27.8



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: 38.08 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.03 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

Instrument :

BNA_F

ClientSampleId :

S4-B009(5-7)MS

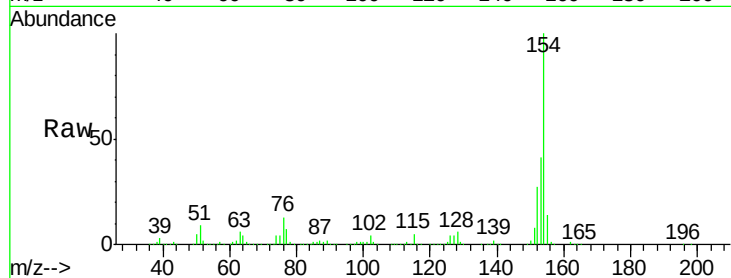
Tgt Ion:154 Resp: 1037255

Ion Ratio Lower Upper

154 100

153 40.7 21.6 61.6

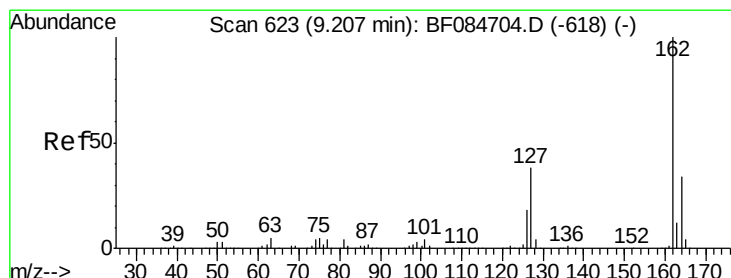
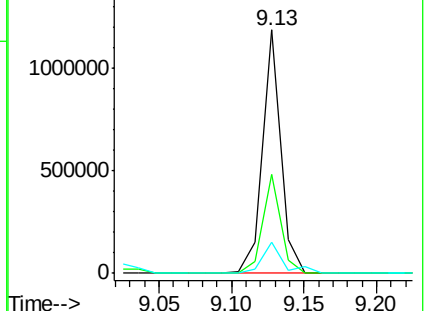
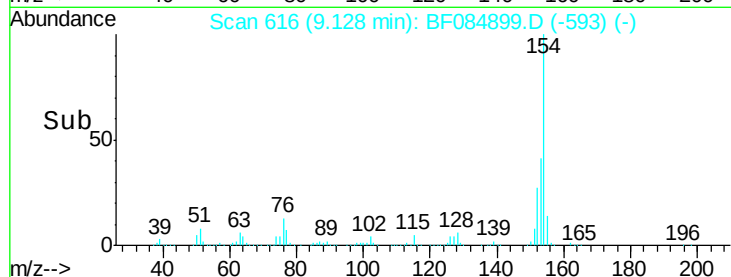
76 13.0 0.0 32.7



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: 40.92 ng

RT: 9.15 min Scan# 618

Delta R.T. -0.02 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

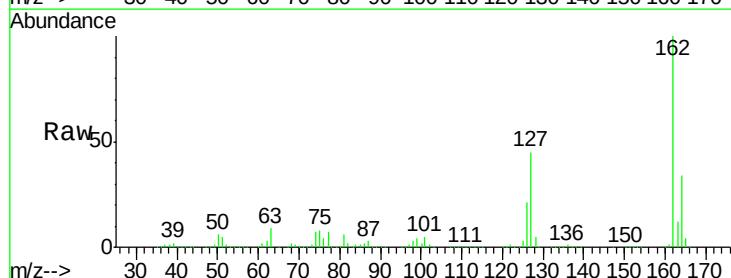
Tgt Ion:162 Resp: 820846

Ion Ratio Lower Upper

162 100

127 44.6 40.2 60.4

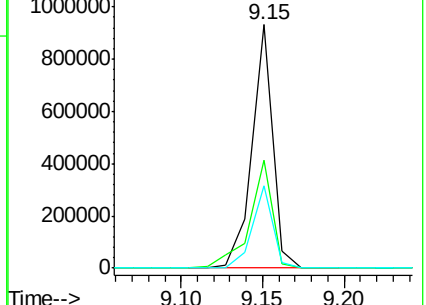
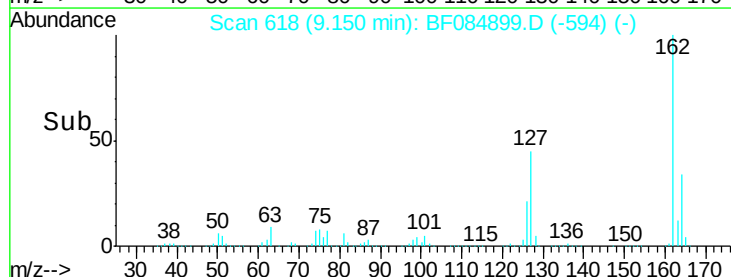
164 33.6 25.7 38.5

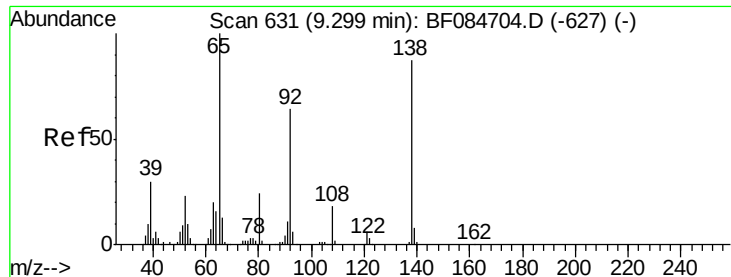


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

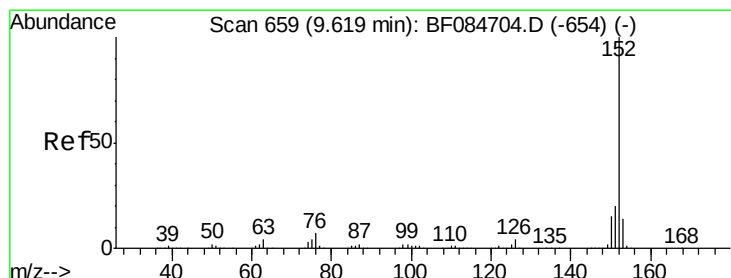
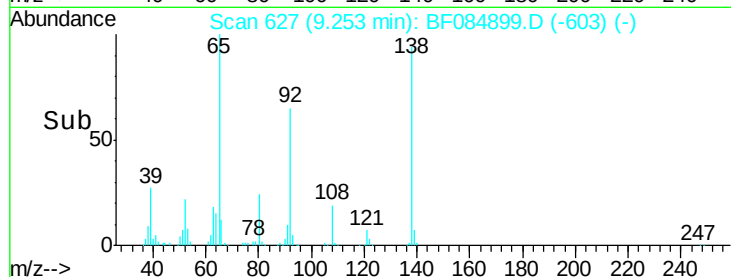
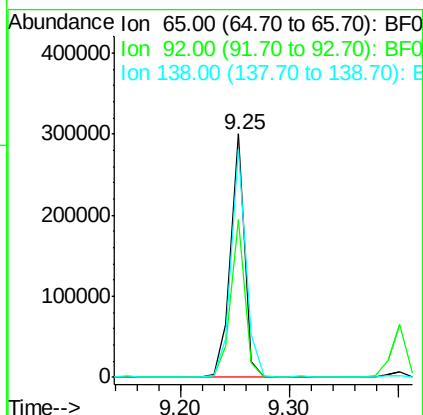
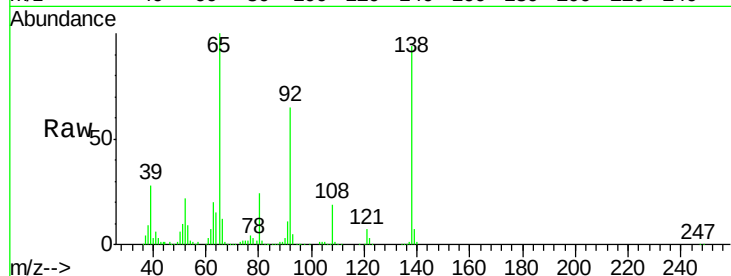




#47
2-Nitroaniline
Concen: 42.27 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

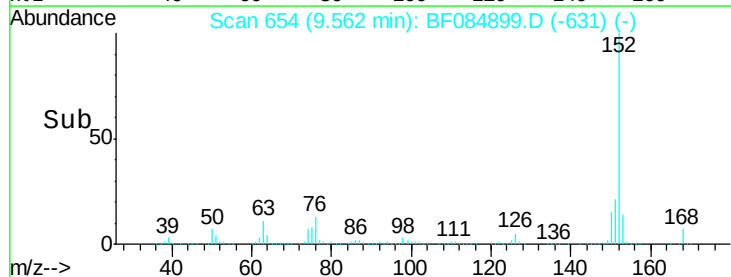
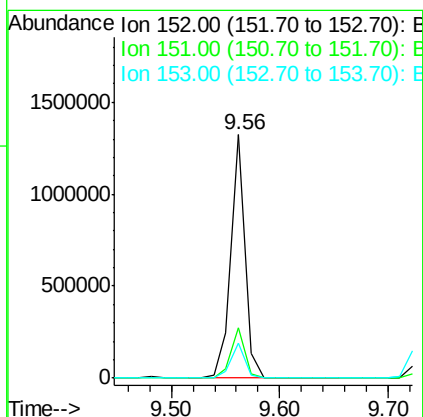
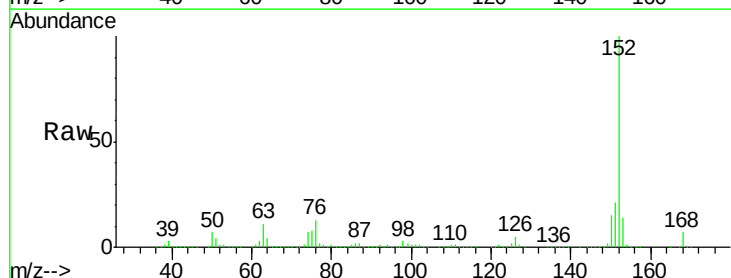
Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

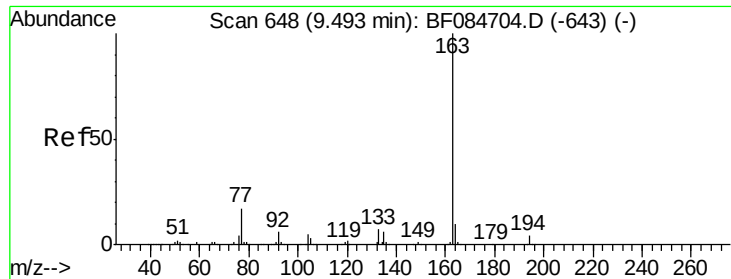
Tgt Ion: 65 Resp: 268448
Ion Ratio Lower Upper
65 100
92 65.1 53.4 80.2
138 93.6 71.1 106.7



#48
Acenaphthylene
Concen: 38.93 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.03 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion: 152 Resp: 1184975
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 14.5 10.4 15.6

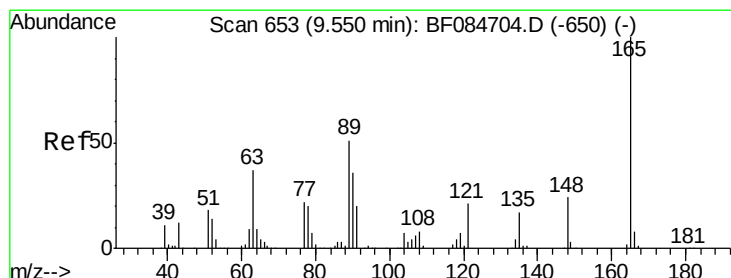
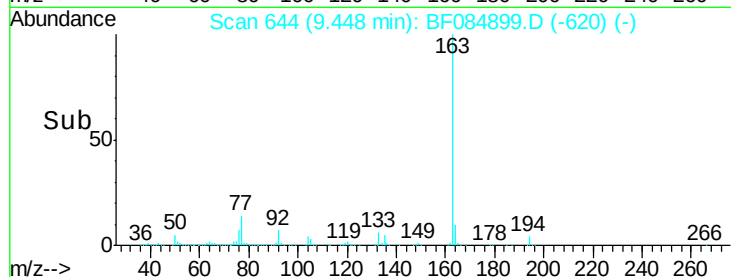
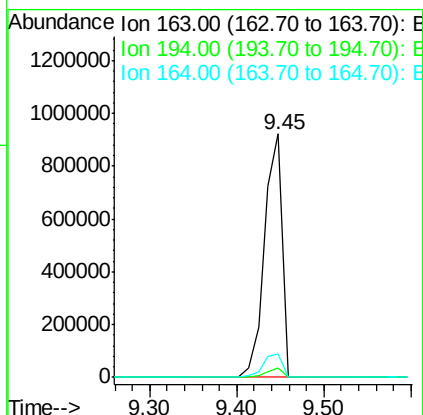
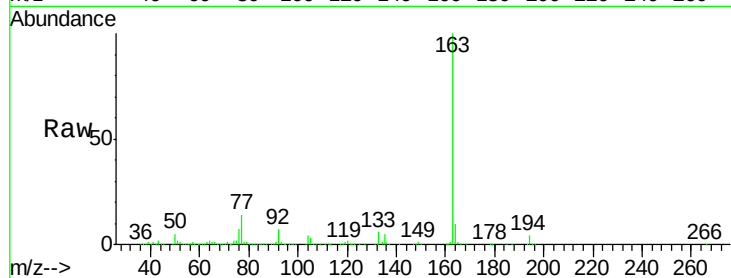




#49
Dimethylphthalate
Concen: 55.46 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

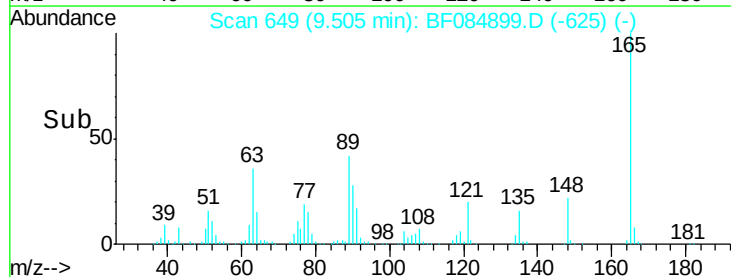
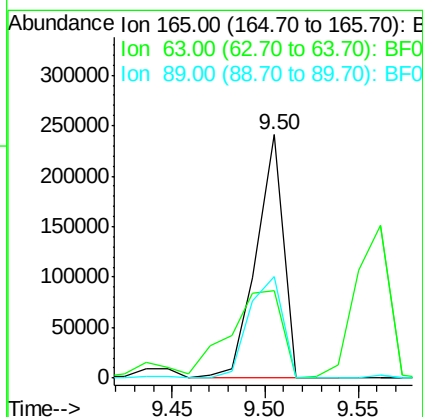
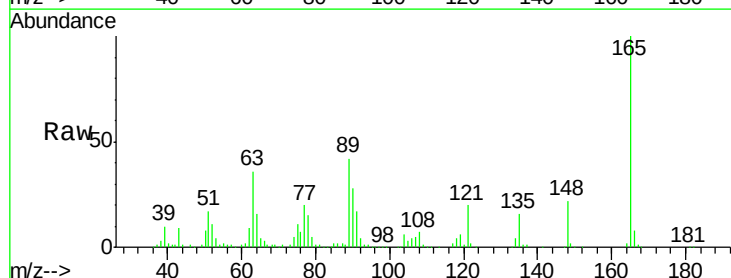
Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

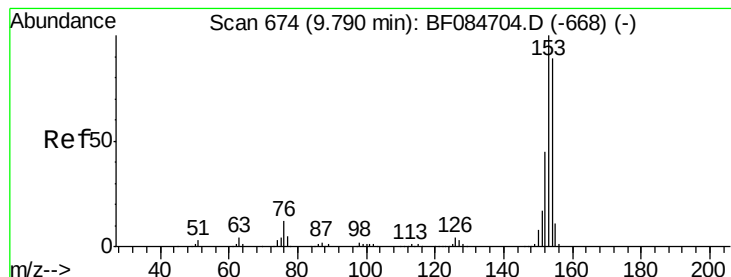
Tgt Ion:163 Resp: 1288091
Ion Ratio Lower Upper
163 100
194 3.7 8.0 12.0#
164 9.9 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 47.73 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:165 Resp: 242186
Ion Ratio Lower Upper
165 100
63 36.1 28.8 43.2
89 41.5 35.1 52.7





#51

Acenaphthene

Concen: 38.36 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.03 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

Instrument :

BNA_F

ClientSampleId :

S4-B009(5-7)MS

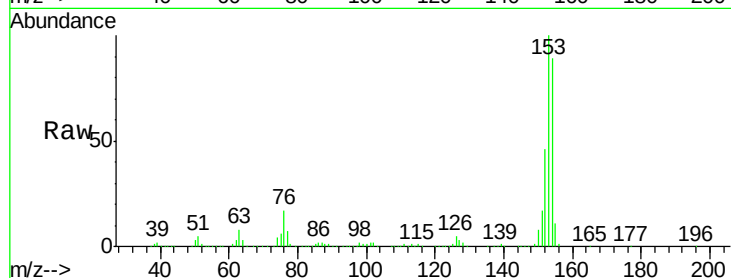
Tgt Ion:154 Resp: 759691

Ion Ratio Lower Upper

154 100

153 112.5 91.5 137.3

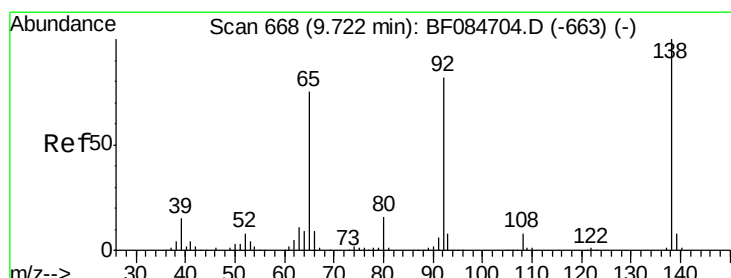
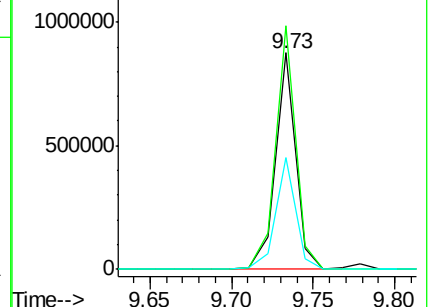
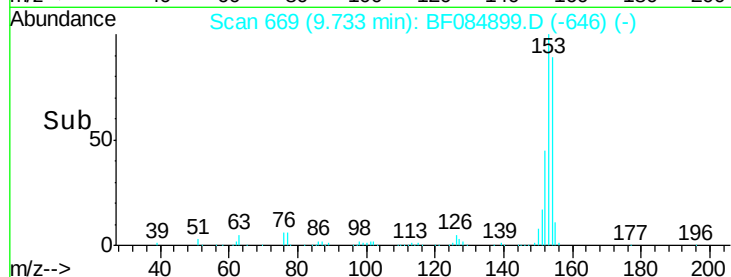
152 51.5 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.55 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.03 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

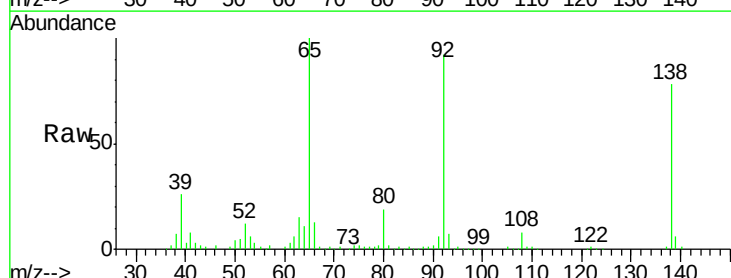
Tgt Ion:138 Resp: 139986

Ion Ratio Lower Upper

138 100

108 10.1 10.5 15.7#

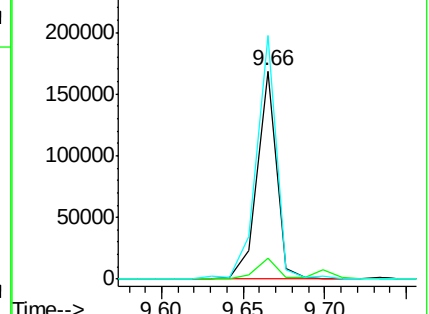
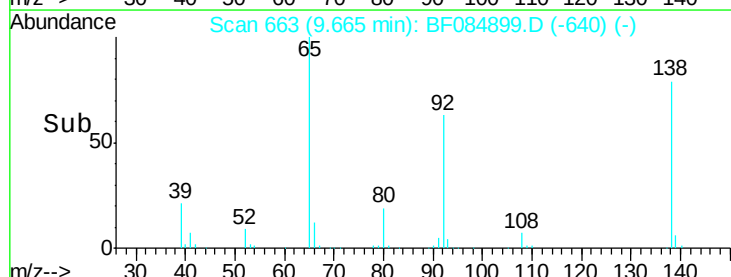
92 117.2 103.9 155.9

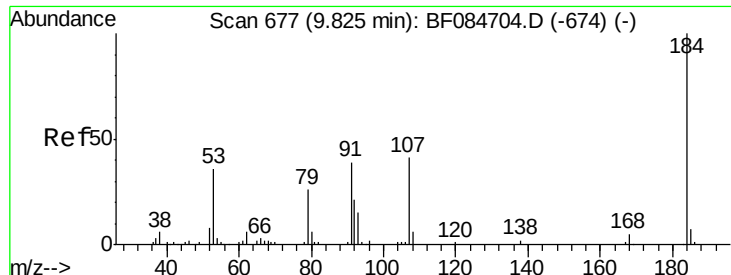


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

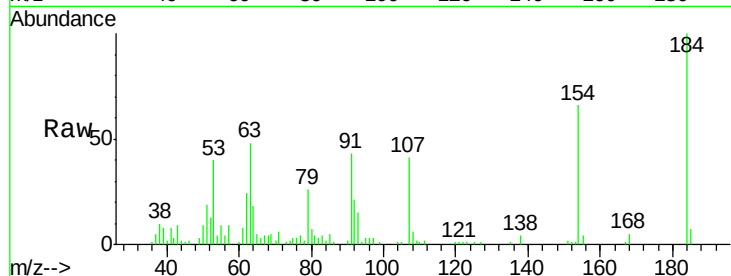




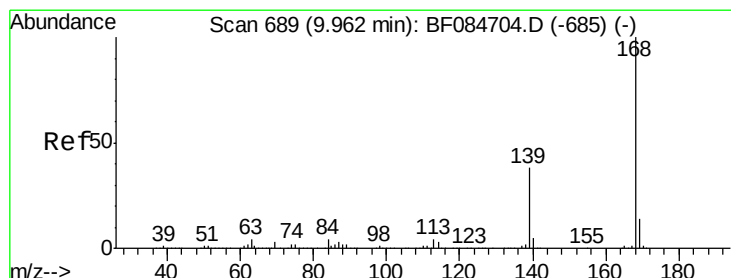
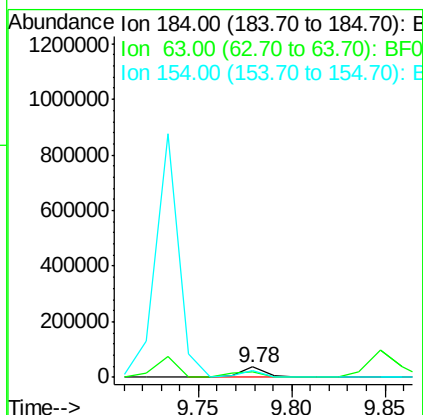
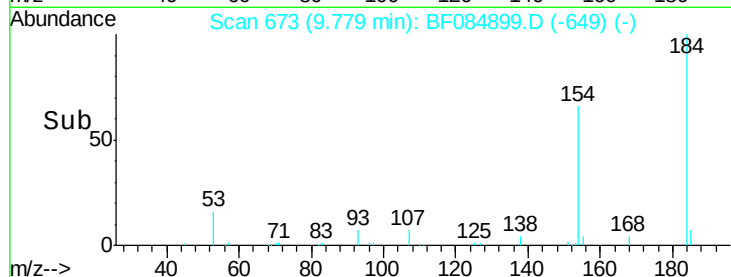
#53
2,4-Dinitrophenol
Concen: 21.33 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

Tgt Ion:184 Resp: 39214
Ion Ratio Lower Upper
184 100
63 48.2 43.1 64.7
154 65.7 60.5 90.7

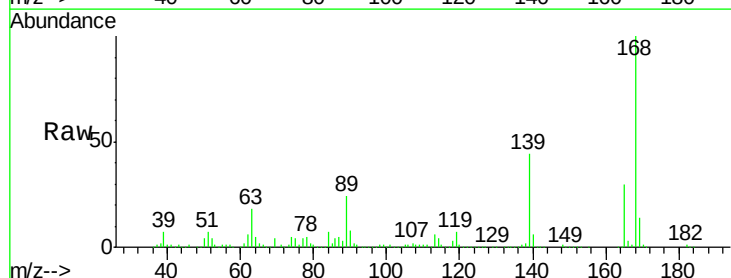


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

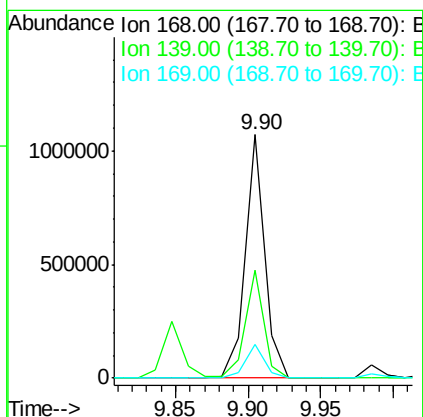
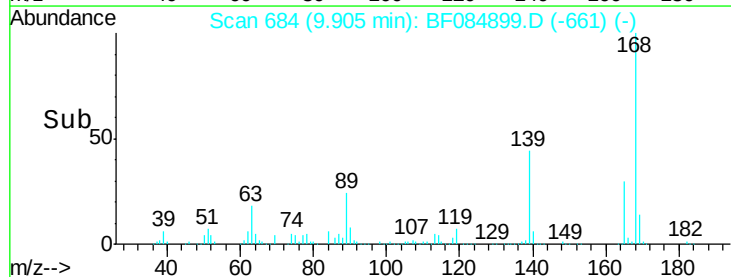


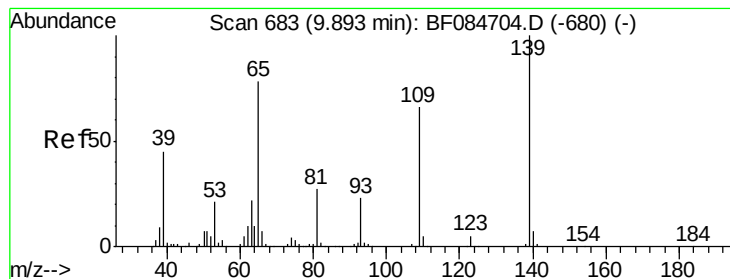
#54
Dibenzofuran
Concen: 40.94 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.03 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:168 Resp: 990788
Ion Ratio Lower Upper
168 100
139 44.2 30.5 45.7
169 14.1 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 57.24 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.02 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

Instrument :

BNA_F

ClientSampleId :

S4-B009(5-7)MS

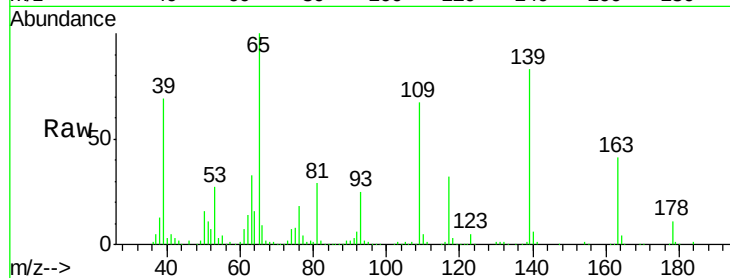
Tgt Ion:139 Resp: 239843

Ion Ratio Lower Upper

139 100

109 79.9 58.5 98.5

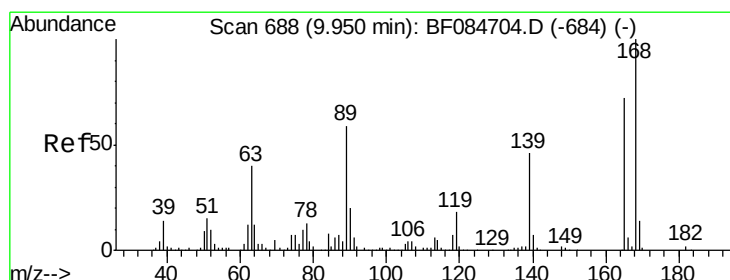
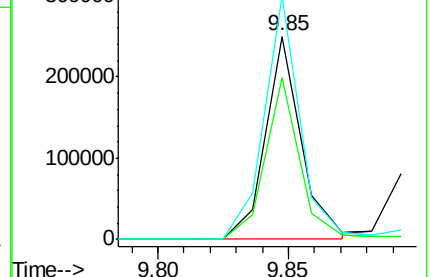
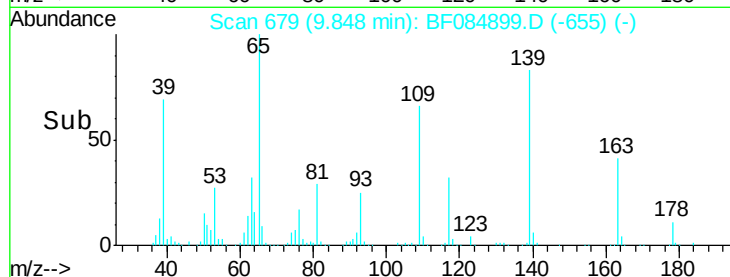
65 119.9 57.6 97.6#



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: 44.75 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

Tgt Ion:165 Resp: 289638

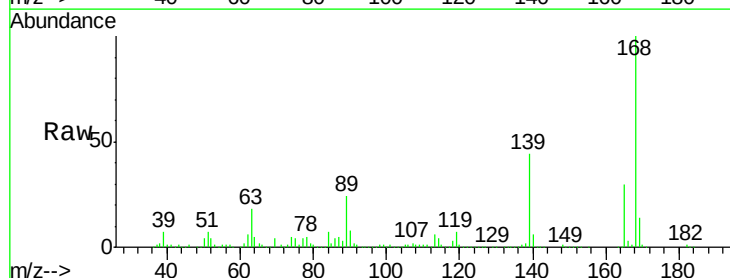
Ion Ratio Lower Upper

165 100

63 60.6 36.7 55.1#

89 82.1 61.9 92.9

182 2.2 2.0 3.0

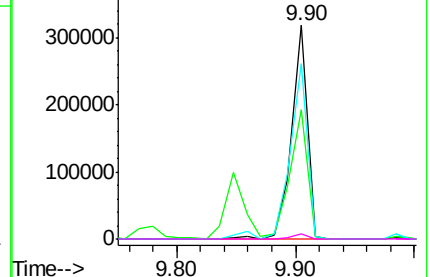
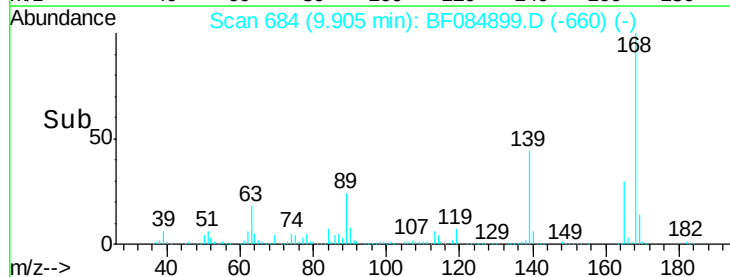


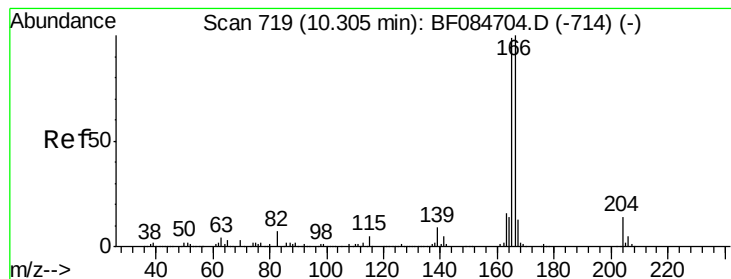
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.29 ng

RT: 10.25 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

Instrument :

BNA_F

ClientSampleId :

S4-B009(5-7)MS

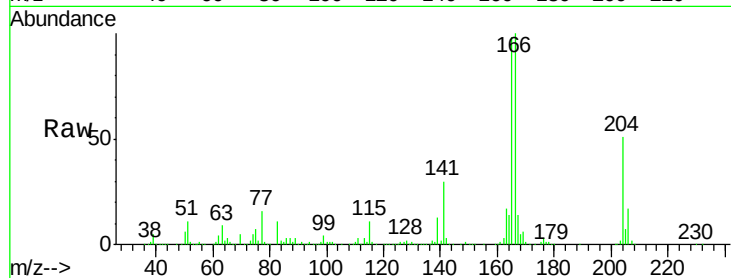
Tgt Ion:166 Resp: 814265

Ion Ratio Lower Upper

166 100

165 98.4 79.1 118.7

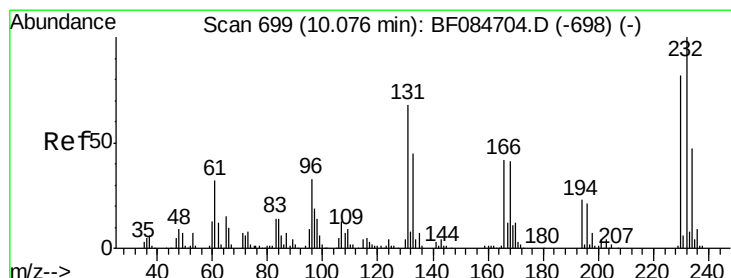
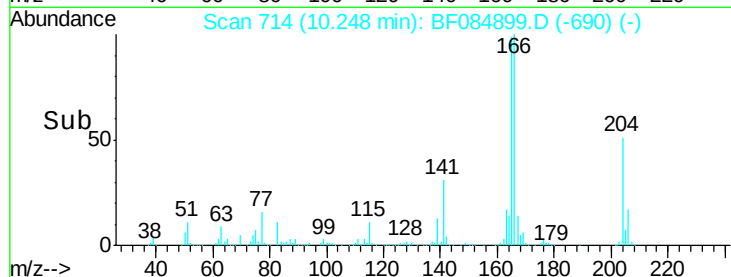
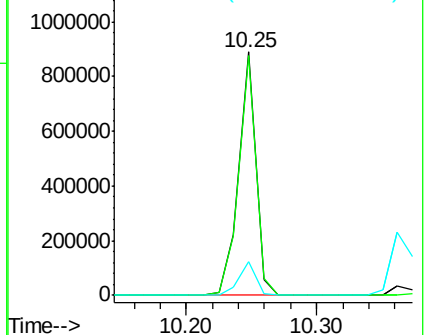
167 13.9 10.4 15.6



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: 45.44 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.02 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

Tgt Ion:232 Resp: 219316

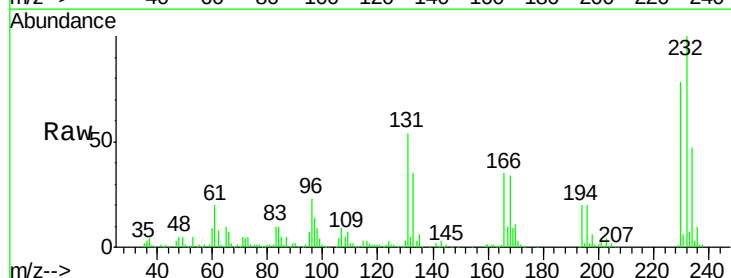
Ion Ratio Lower Upper

232 100

131 52.8 47.0 70.6

130 2.7 2.0 3.0

166 33.8 30.5 45.7

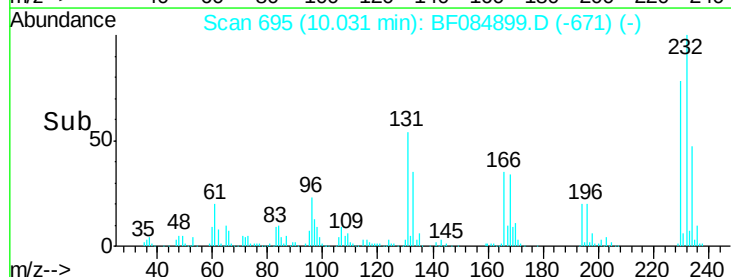
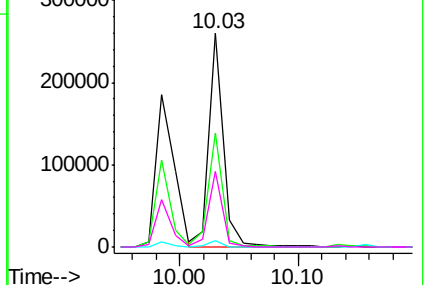


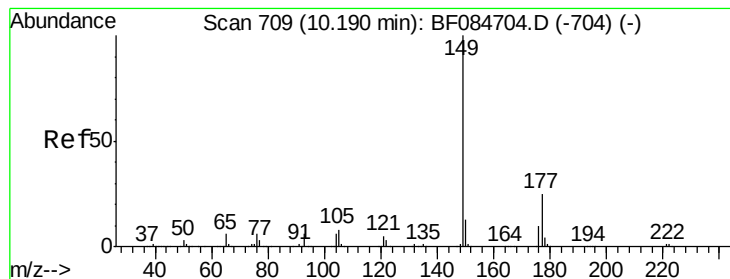
Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.63 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.03 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

Instrument :

BNA_F

ClientSampleId :

S4-B009(5-7)MS

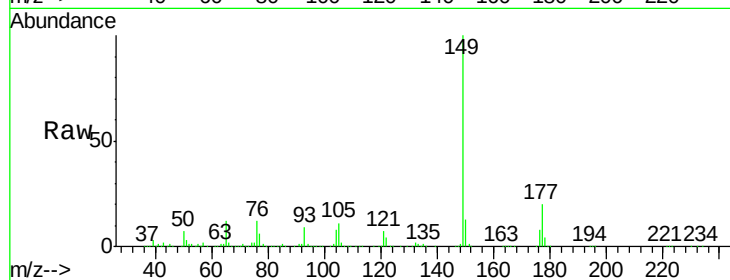
Tgt Ion:149 Resp: 898904

Ion Ratio Lower Upper

149 100

177 20.3 17.3 25.9

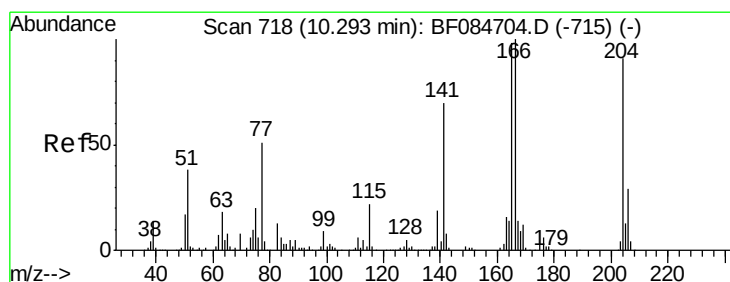
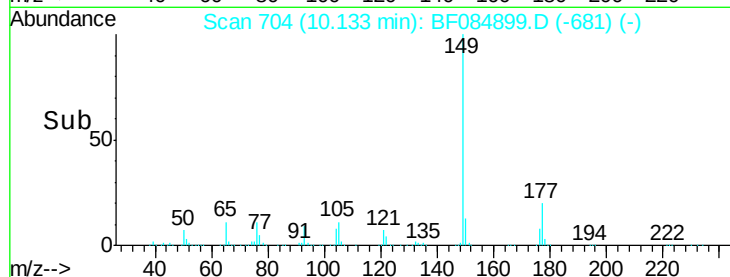
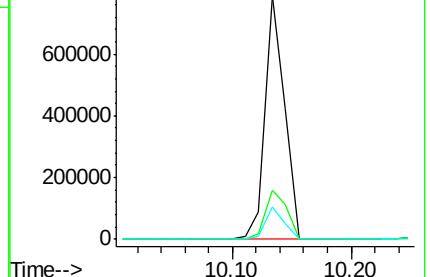
150 13.1 9.8 14.8



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: 49.98 ng

RT: 10.25 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

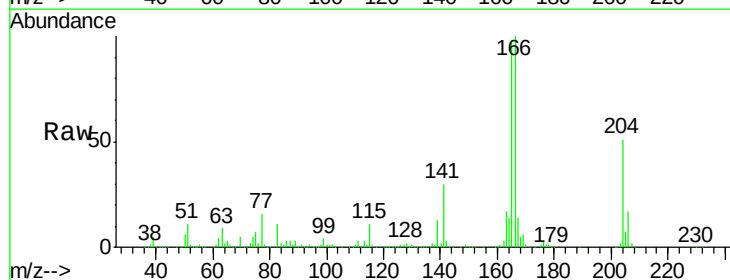
Tgt Ion:204 Resp: 417564

Ion Ratio Lower Upper

204 100

206 33.2 25.7 38.5

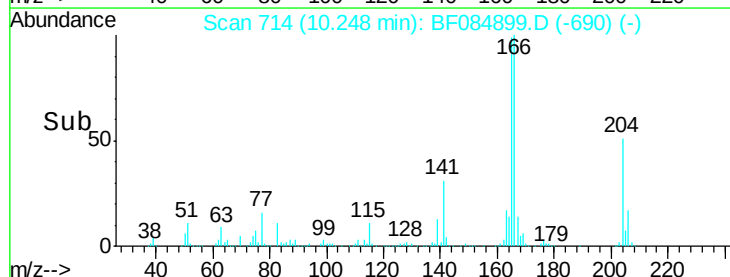
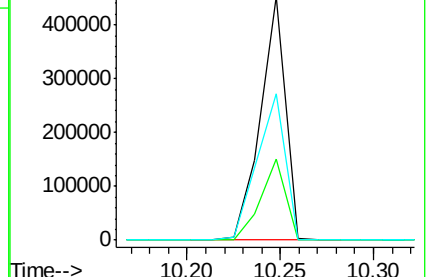
141 59.9 55.1 82.7

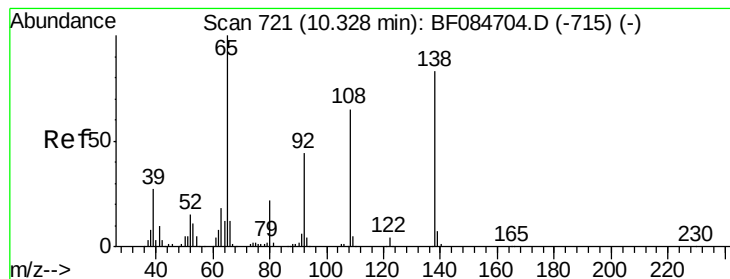


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 39.56 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

Instrument :

BNA_F

ClientSampleId :

S4-B009(5-7)MS

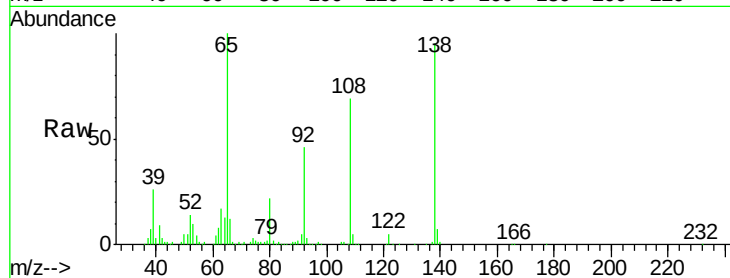
Tgt Ion:138 Resp: 219784

Ion Ratio Lower Upper

138 100

92 48.3 32.6 72.6

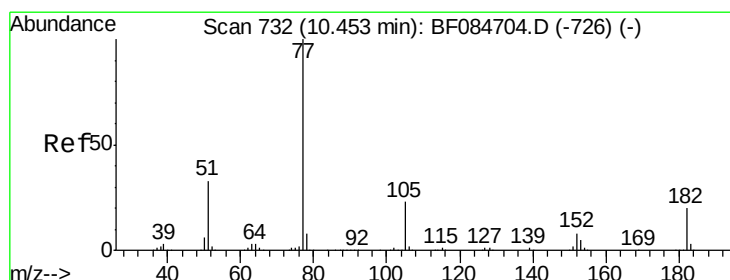
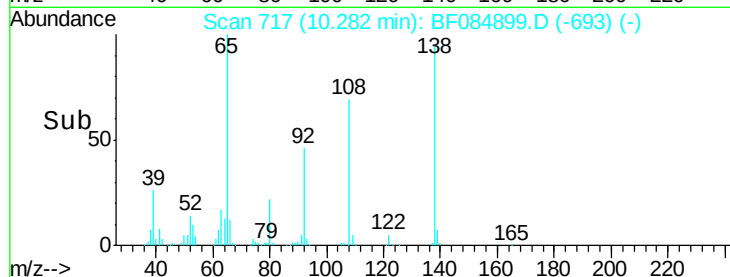
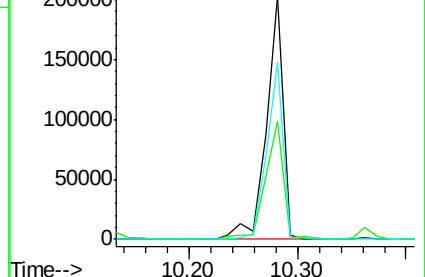
108 72.9 68.6 108.6



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: 45.29 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

Tgt Ion: 77 Resp: 987597

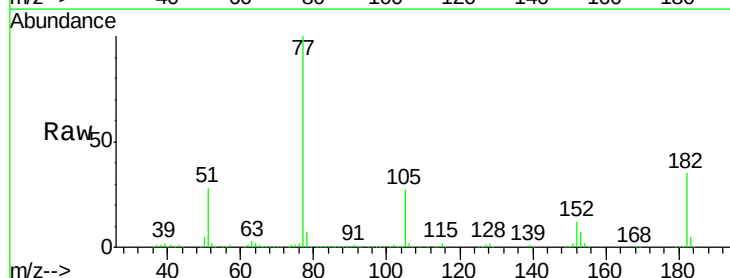
Ion Ratio Lower Upper

77 100

182 34.6 8.3 48.3

105 27.1 4.6 44.6

51 27.9 6.2 46.2

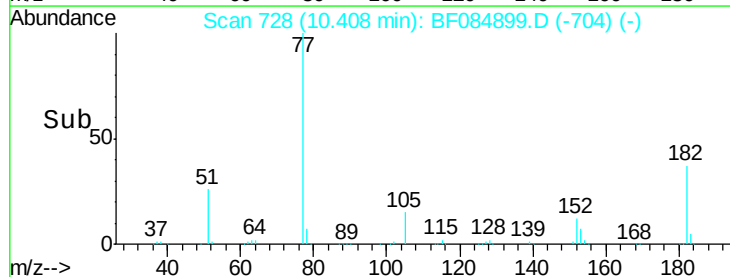
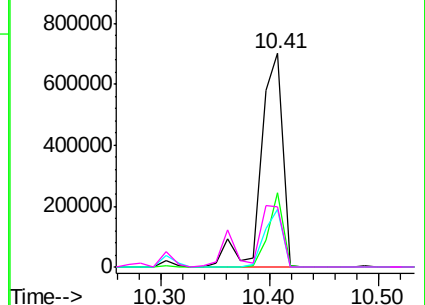


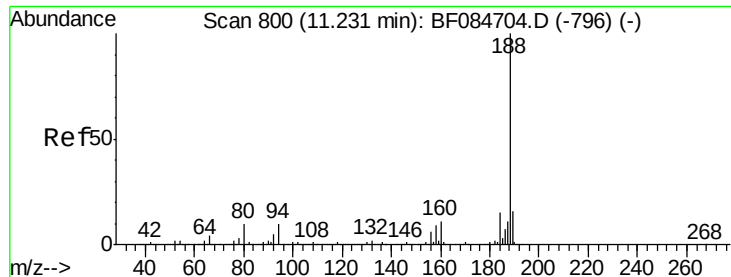
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

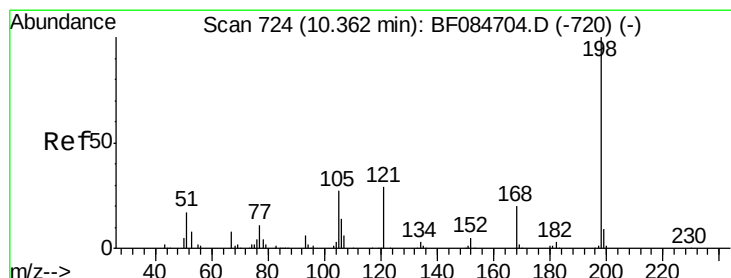
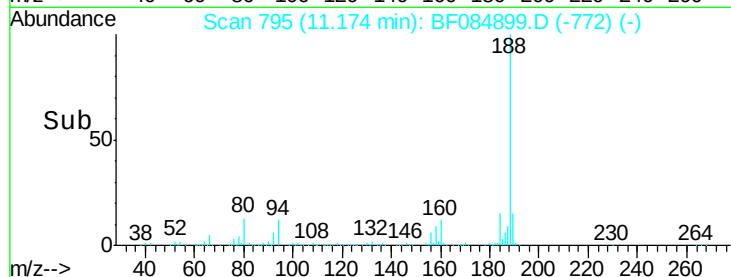
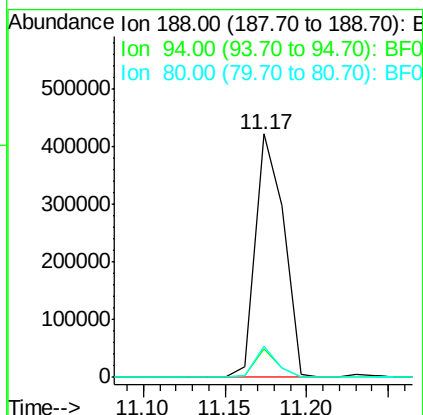
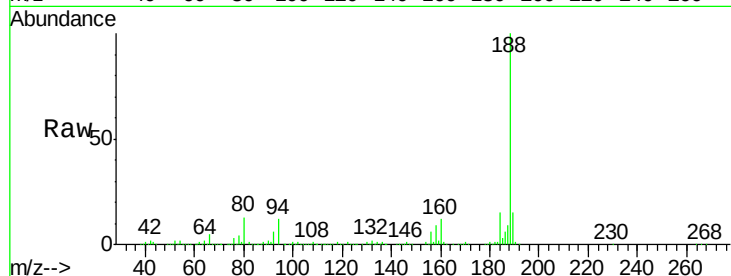




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

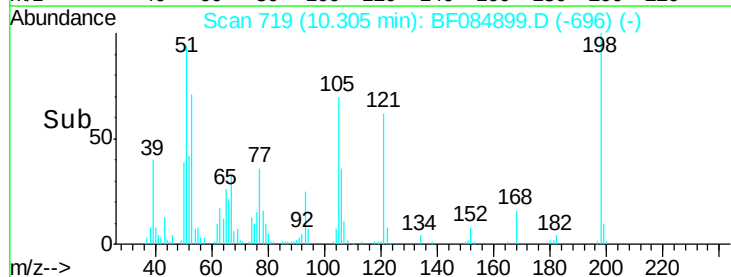
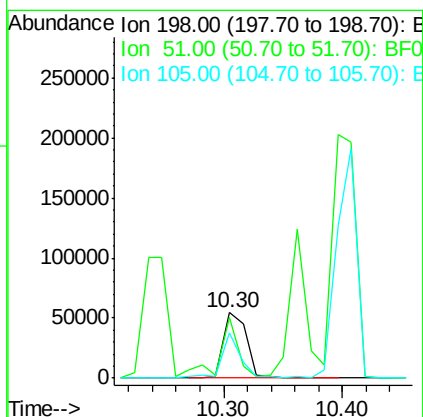
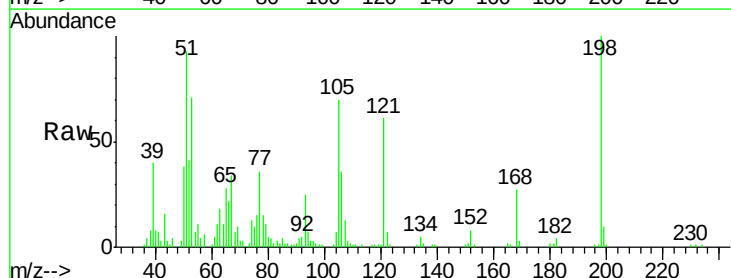
Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

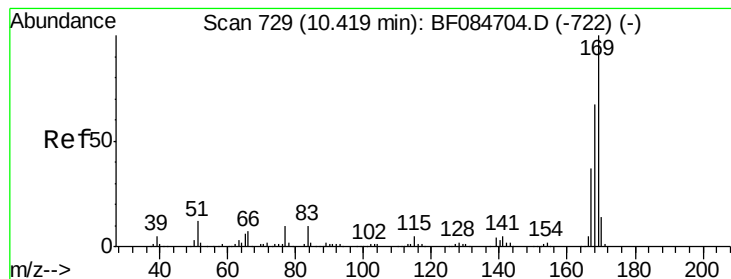
Tgt Ion:188 Resp: 510659
Ion Ratio Lower Upper
188 100
94 11.7 9.0 13.4
80 12.7 9.6 14.4



#64
4,6-Dinitro-2-methylphenol
Concen: 23.17 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.03 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:198 Resp: 73039
Ion Ratio Lower Upper
198 100
51 92.8 18.9 58.9#
105 69.7 26.4 66.4#





#65

n-Nitrosodiphenylamine

Concen: 45.49 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.03 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

Instrument :

BNA_F

ClientSampleId :

S4-B009(5-7)MS

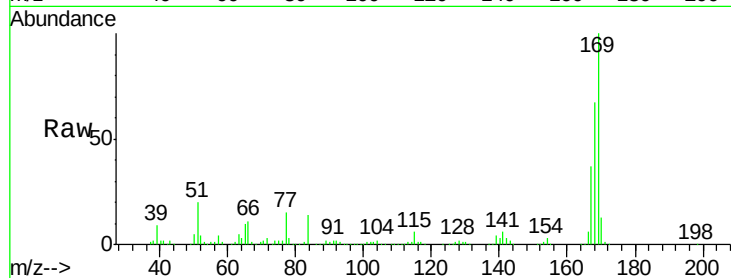
Tgt Ion:169 Resp: 737571

Ion Ratio Lower Upper

169 100

168 67.0 55.1 82.7

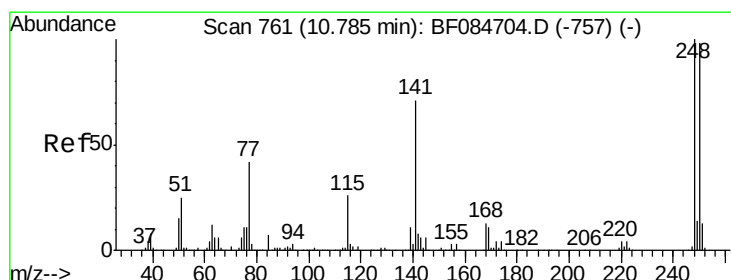
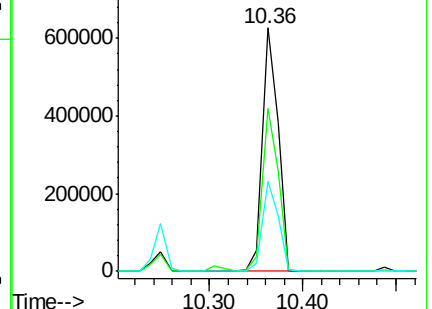
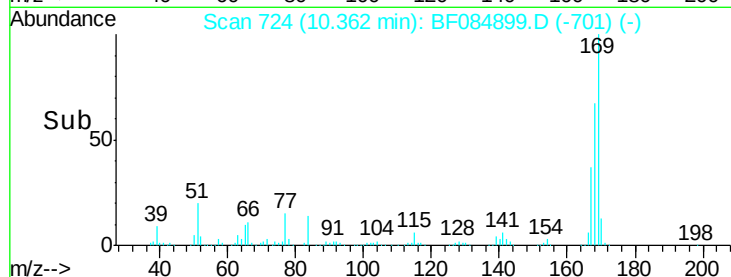
167 36.7 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.99 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.03 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

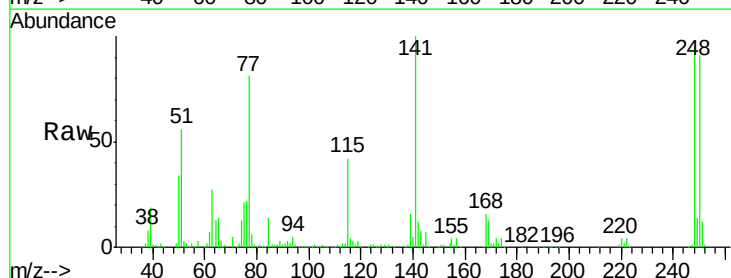
Tgt Ion:248 Resp: 236853

Ion Ratio Lower Upper

248 100

250 95.3 78.4 117.6

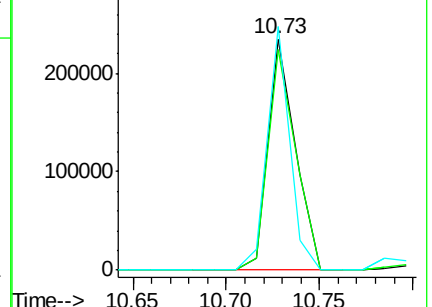
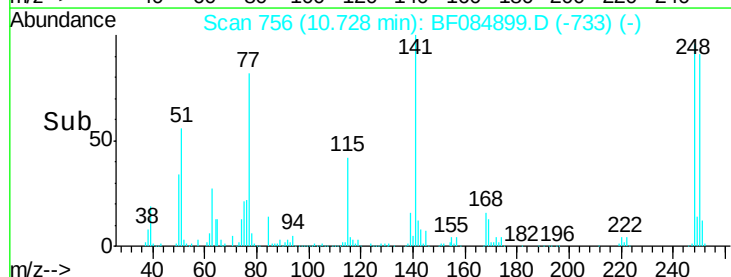
141 105.3 44.0 66.0#

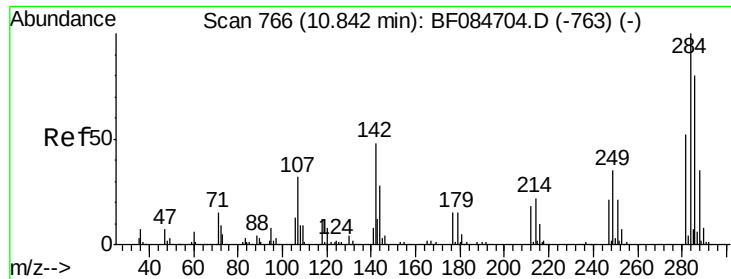


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

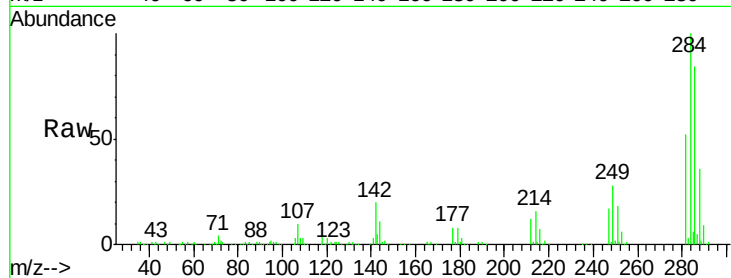




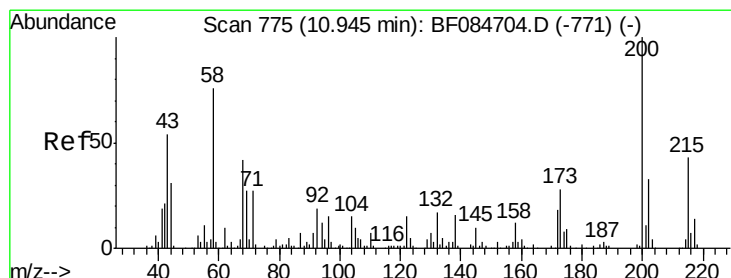
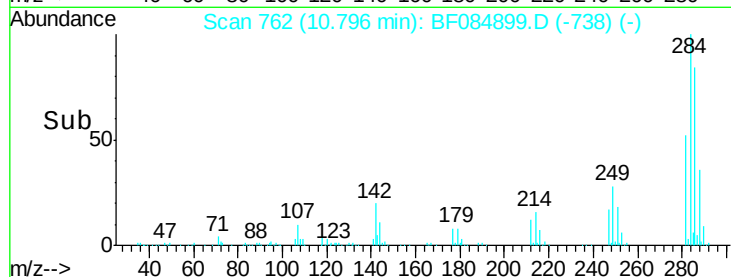
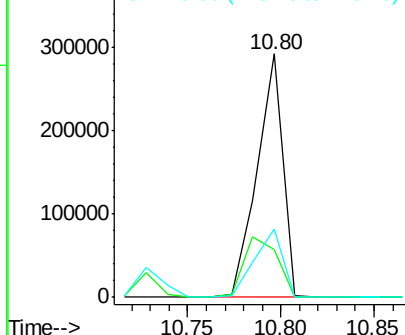
#67
Hexachlorobenzene
Concen: 46.34 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

Tgt Ion:284 Resp: 284779
Ion Ratio Lower Upper
284 100
142 19.7 22.2 33.4#
249 28.2 24.6 37.0

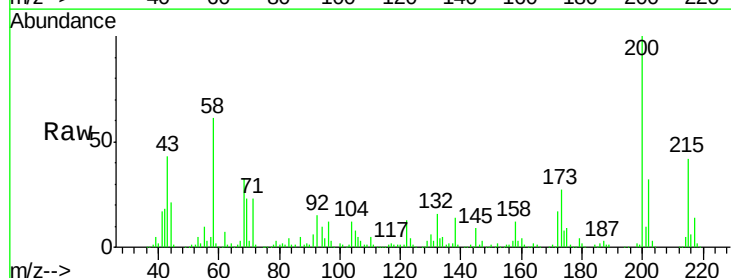


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

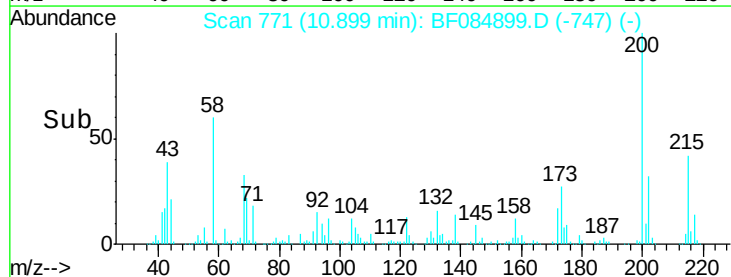
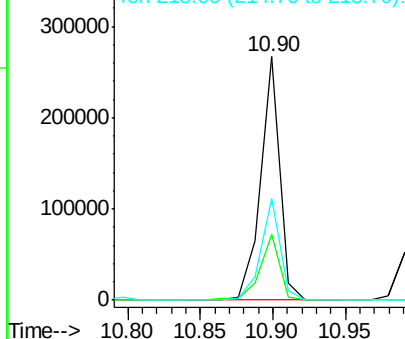


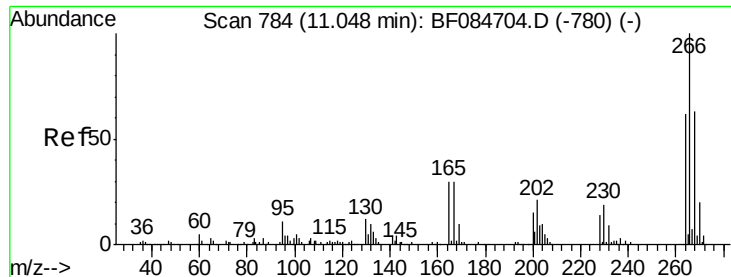
#68
Atrazine
Concen: 47.46 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion:200 Resp: 243039
Ion Ratio Lower Upper
200 100
173 27.0 9.5 49.5
215 41.8 23.8 63.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

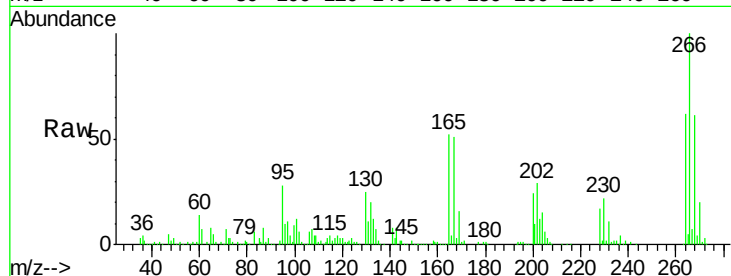




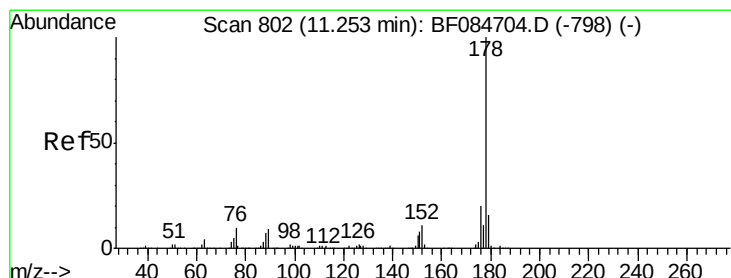
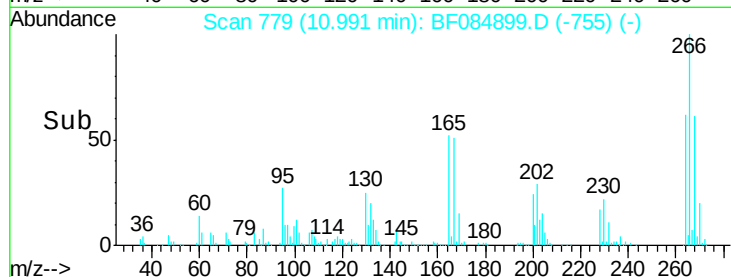
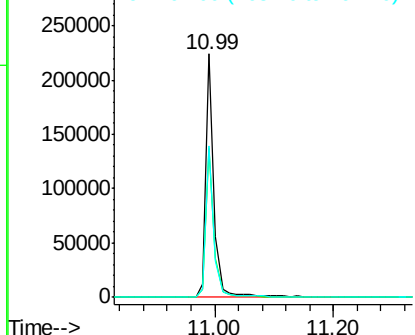
#69
 Pentachlorophenol
 Concen: 76.78 ng
 RT: 10.99 min Scan# 779
 Delta R.T. -0.02 min
 Lab File: BF084899.D
 Acq: 6 Feb 2016 9:27

Instrument :
 BNA_F
 ClientSampleId :
 S4-B009(5-7)MS

Tgt Ion:266 Resp: 221755
 Ion Ratio Lower Upper
 266 100
 268 61.2 52.4 78.6
 264 62.3 50.2 75.2

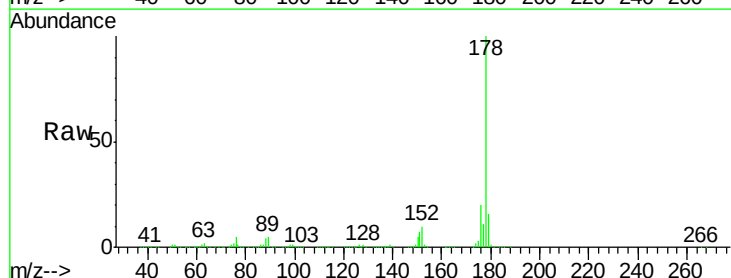


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

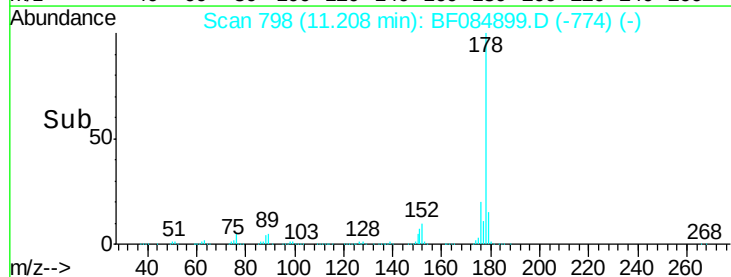
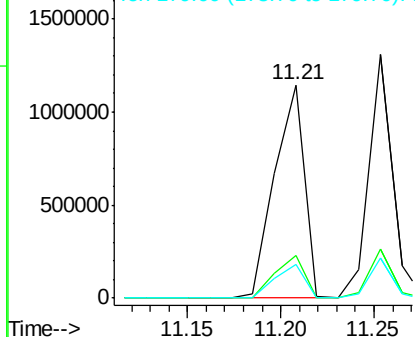


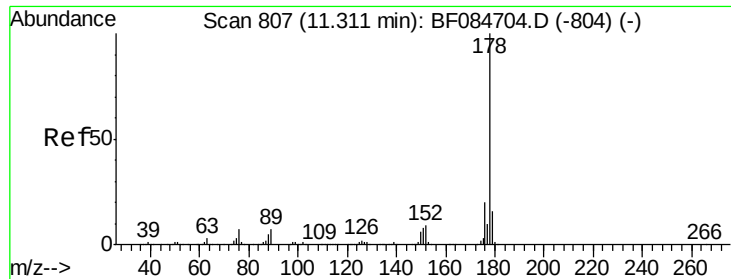
#70
 Phenanthrene
 Concen: 44.86 ng
 RT: 11.21 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF084899.D
 Acq: 6 Feb 2016 9:27

Tgt Ion:178 Resp: 1270557
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.3 22.9
 179 15.5 12.0 18.0



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

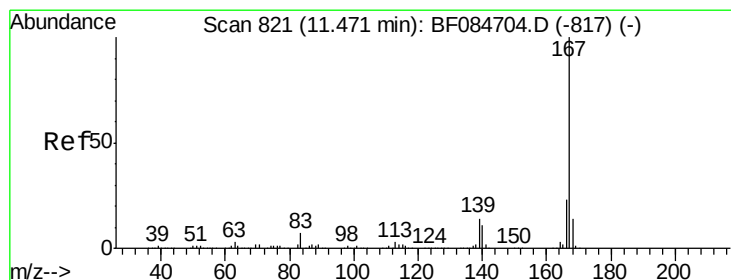
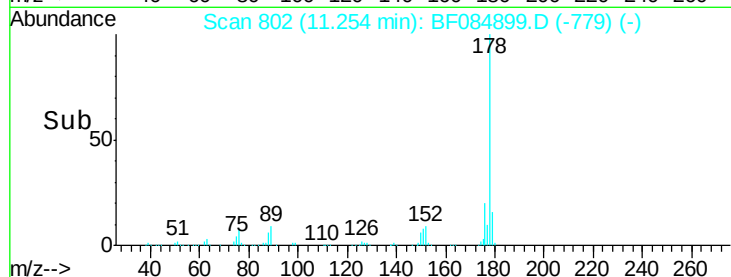
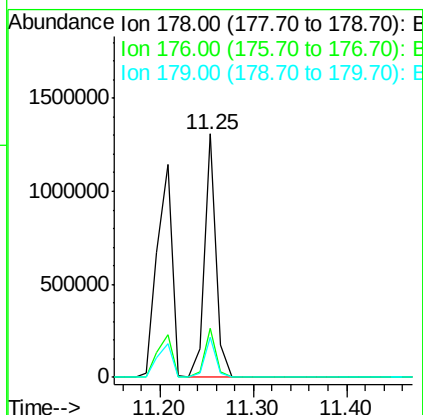
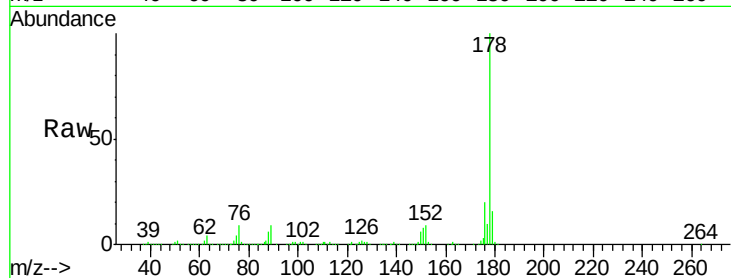




#71
 Anthracene
 Concen: 39.58 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.03 min
 Lab File: BF084899.D
 Acq: 6 Feb 2016 9:27

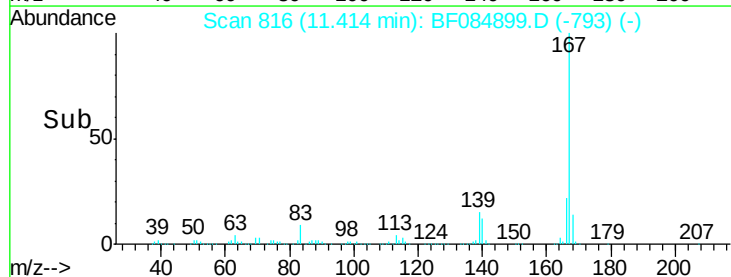
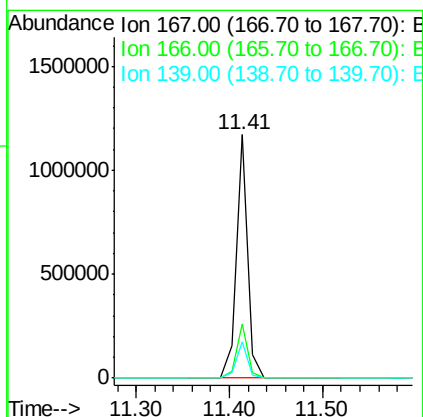
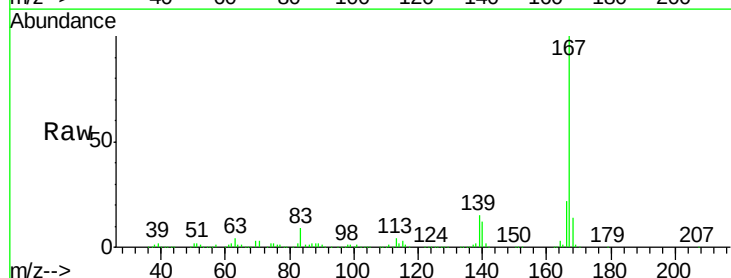
Instrument :
 BNA_F
 ClientSampleId :
 S4-B009(5-7)MS

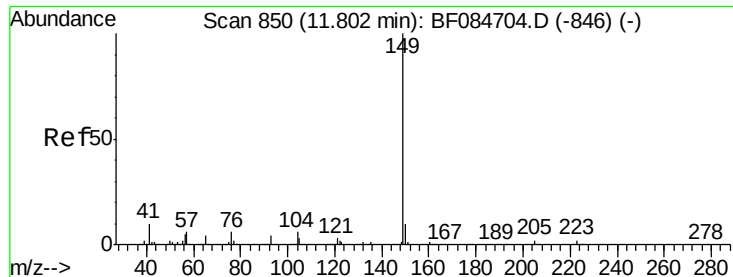
Tgt Ion:178 Resp: 1129489
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.4 23.0
 179 16.4 12.5 18.7



#72
 Carbazole
 Concen: 40.20 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.03 min
 Lab File: BF084899.D
 Acq: 6 Feb 2016 9:27

Tgt Ion:167 Resp: 1000439
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 14.8 11.8 17.8





#73

Di-n-butylphthalate

Concen: 44.65 ng

RT: 11.76 min Scan# 846

Delta R.T. -0.02 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

Instrument :

BNA_F

ClientSampleId :

S4-B009(5-7)MS

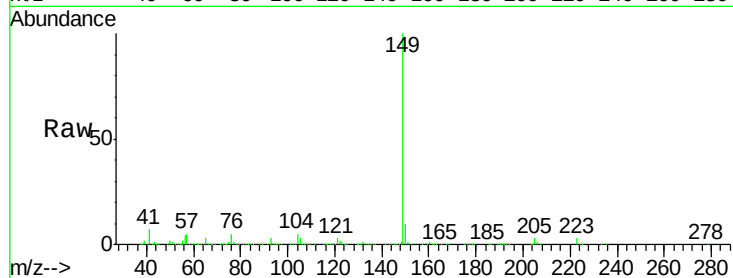
Tgt Ion:149 Resp: 1414531

Ion Ratio Lower Upper

149 100

150 9.6 7.1 10.7

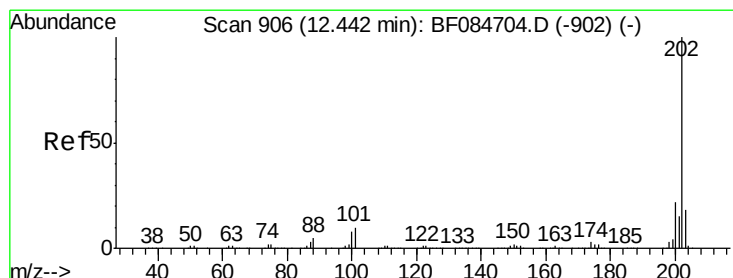
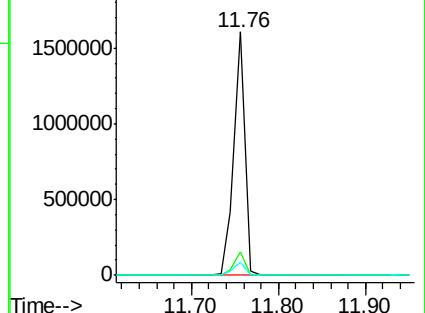
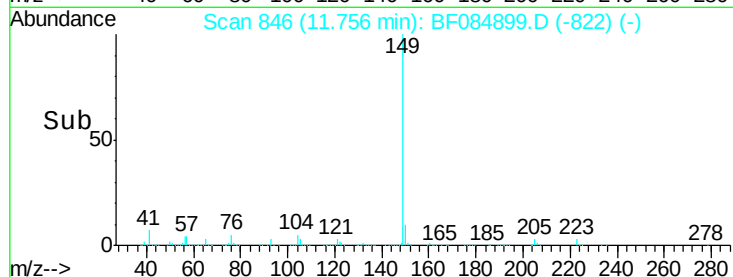
104 5.2 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.20 ng

RT: 12.39 min Scan# 901

Delta R.T. -0.03 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

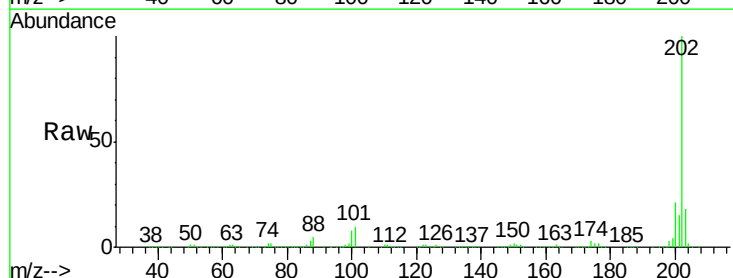
Tgt Ion:202 Resp: 1123700

Ion Ratio Lower Upper

202 100

101 10.2 0.0 32.8

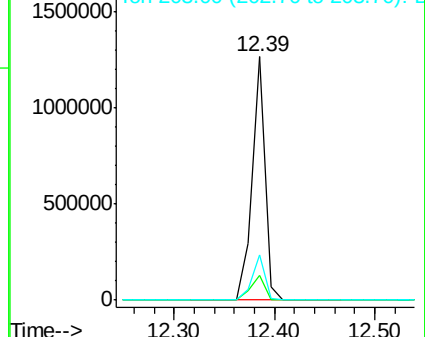
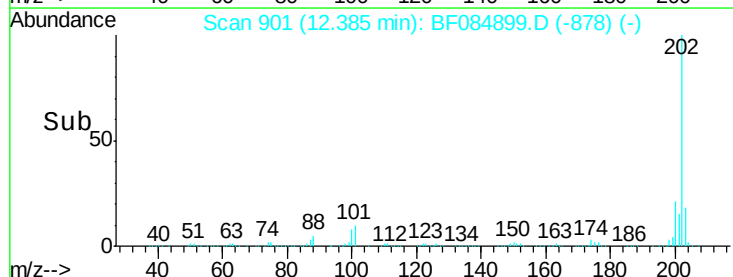
203 18.3 0.0 37.9

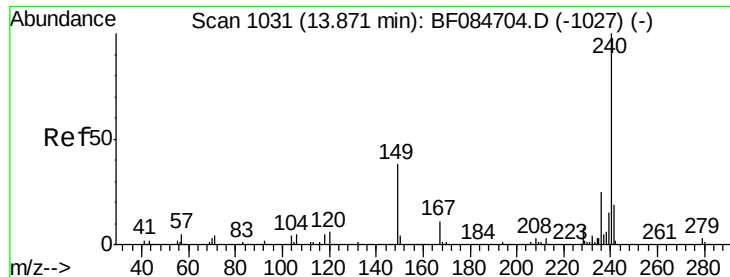


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.81 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

Instrument :

BNA_F

ClientSampleId :

S4-B009(5-7)MS

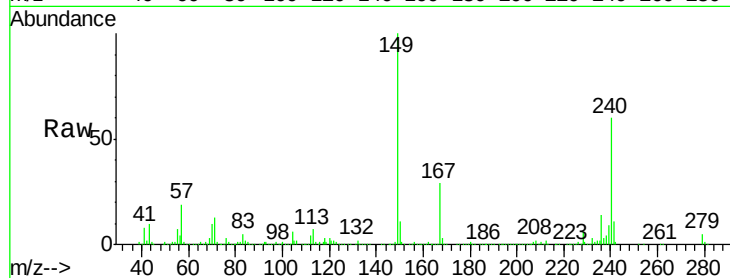
Tgt Ion:240 Resp: 315139

Ion Ratio Lower Upper

240 100

120 5.8 9.5 14.3#

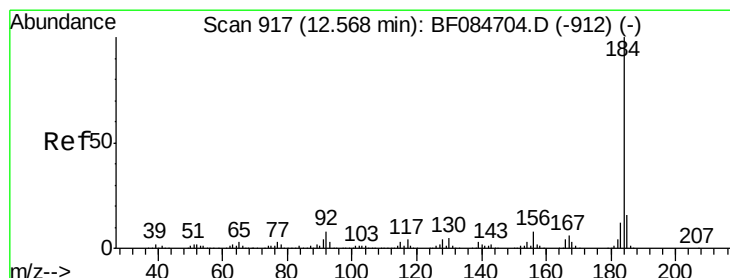
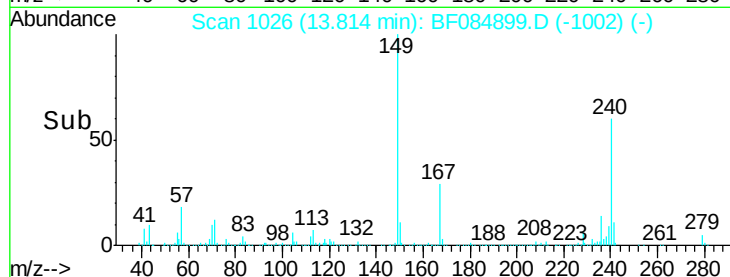
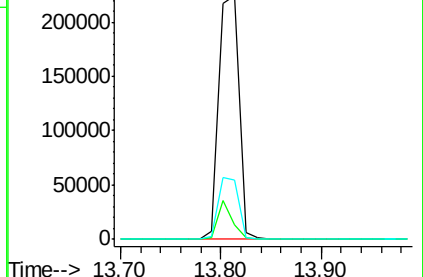
236 24.3 20.6 31.0



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: 37.37 ng

RT: 12.51 min Scan# 912

Delta R.T. -0.03 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

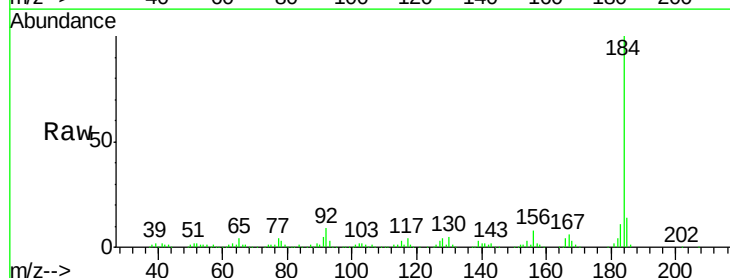
Tgt Ion:184 Resp: 416448

Ion Ratio Lower Upper

184 100

185 14.5 12.2 18.2

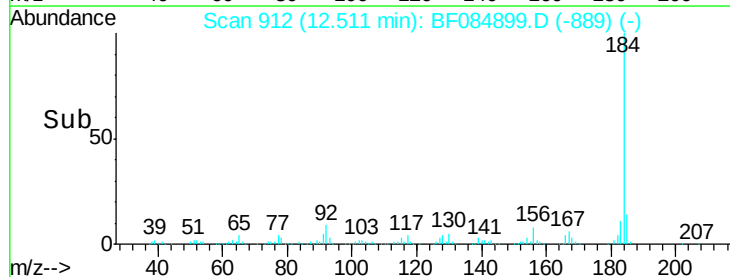
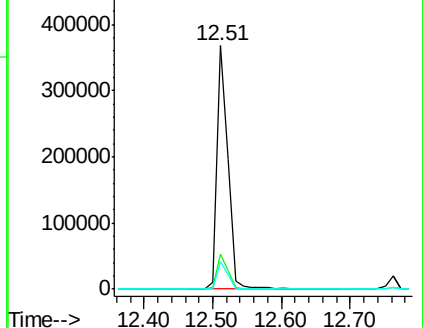
183 11.2 9.8 14.8

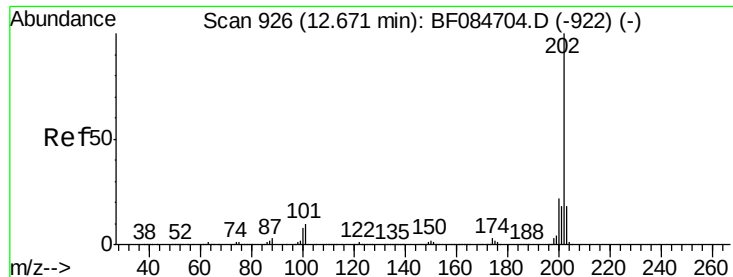


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 48.24 ng

RT: 12.61 min Scan# 921

Delta R.T. -0.02 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

Instrument :

BNA_F

ClientSampleId :

S4-B009(5-7)MS

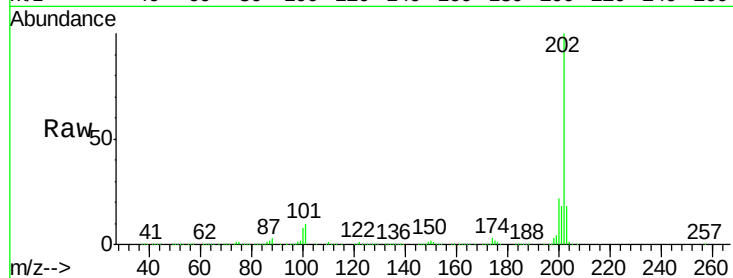
Tgt Ion:202 Resp: 1163888

Ion Ratio Lower Upper

202 100

200 21.8 17.2 25.8

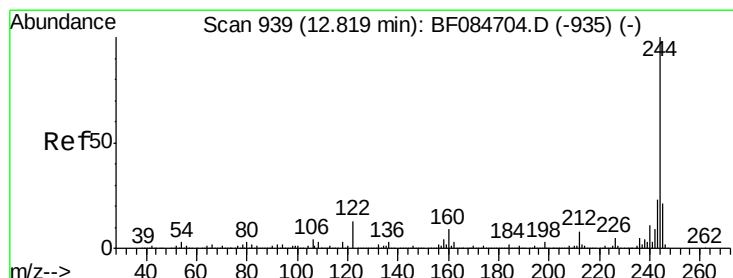
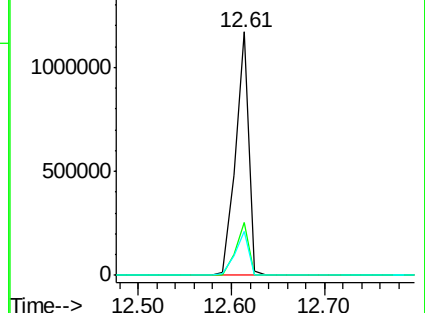
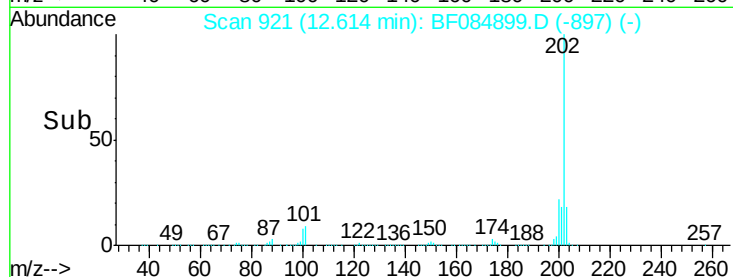
203 17.9 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 82.71 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

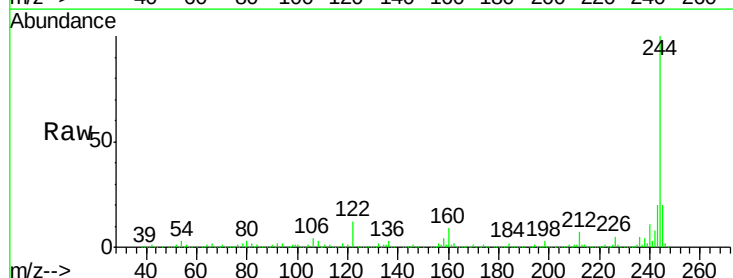
Tgt Ion:244 Resp: 1150283

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

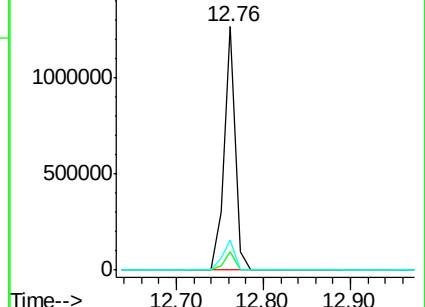
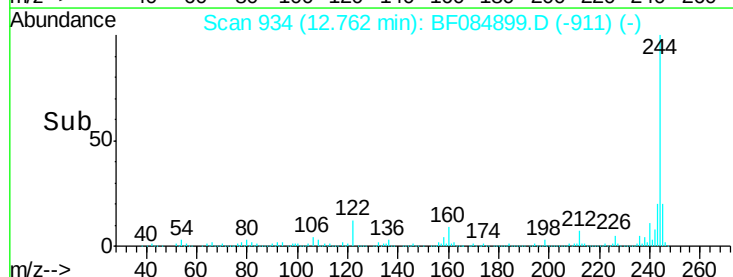
122 12.1 7.4 11.0#

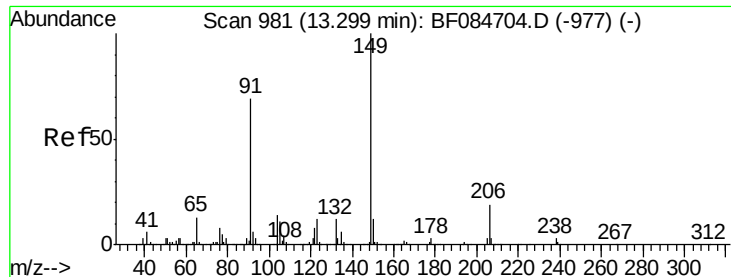


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

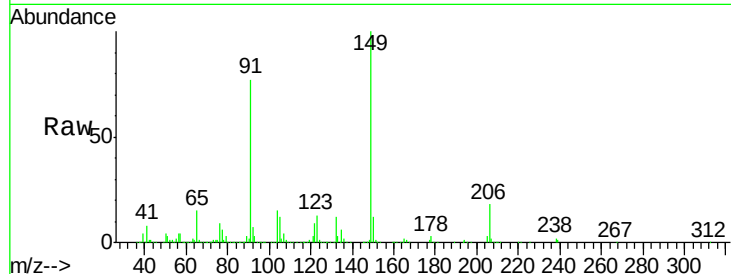




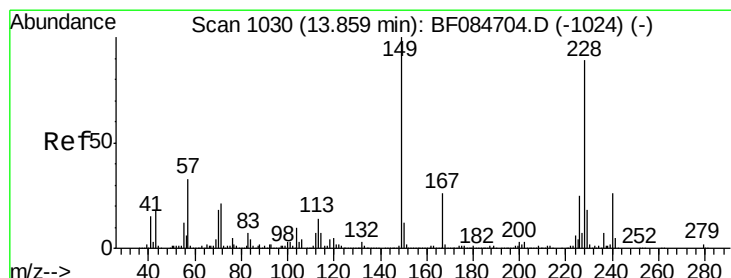
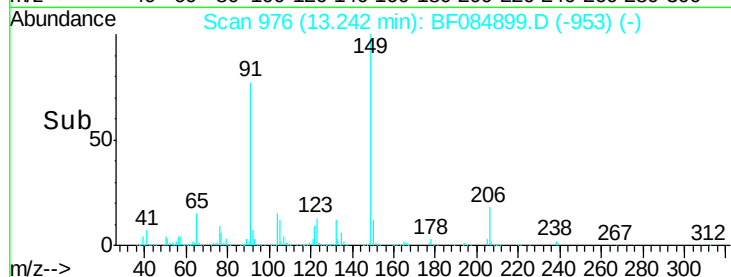
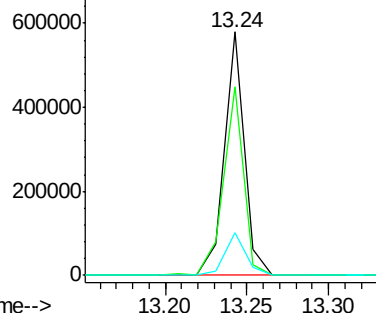
#79
Butylbenzylphthalate
Concen: 44.95 ng
RT: 13.24 min Scan# 976
Delta R.T. -0.03 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	77.5	57.6	86.4
206	17.5	13.2	19.8

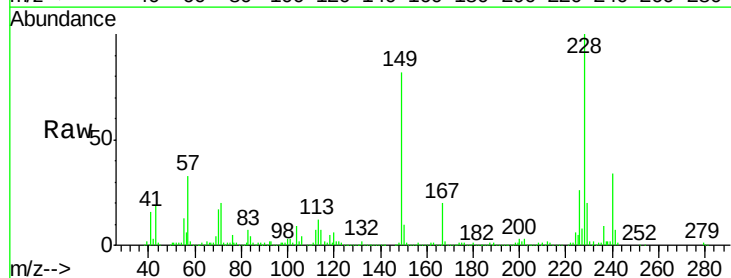


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

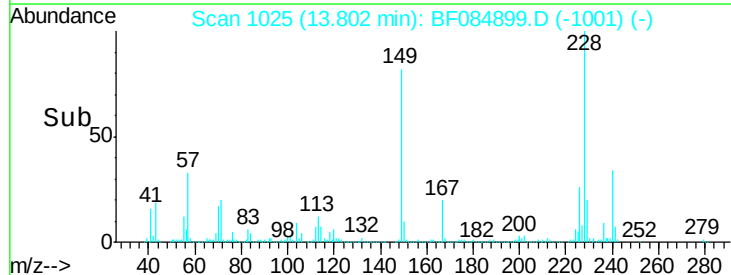
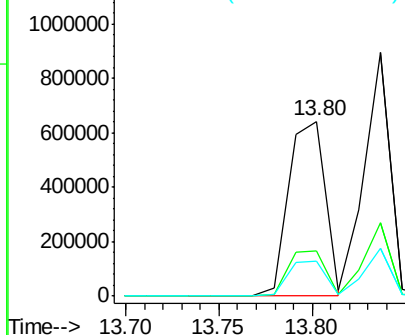


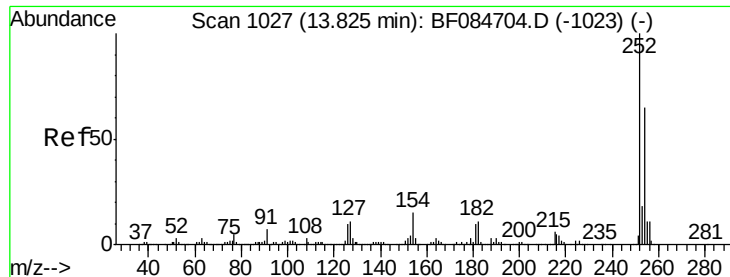
#80
Benzo(a)anthracene
Concen: 45.14 ng
RT: 13.80 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.8	32.6
229	19.8	15.8	23.8



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

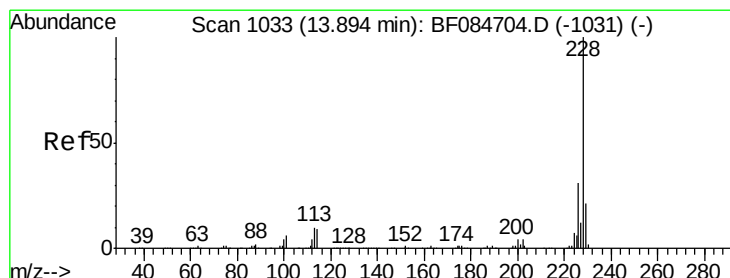
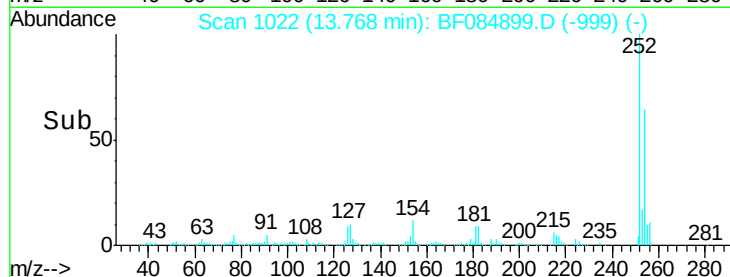
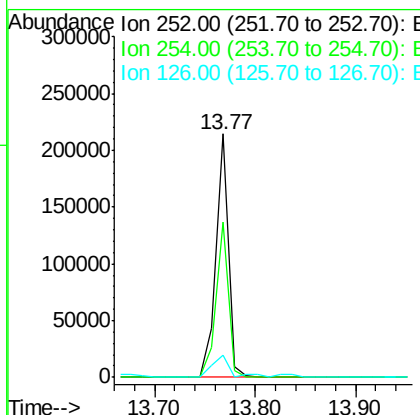
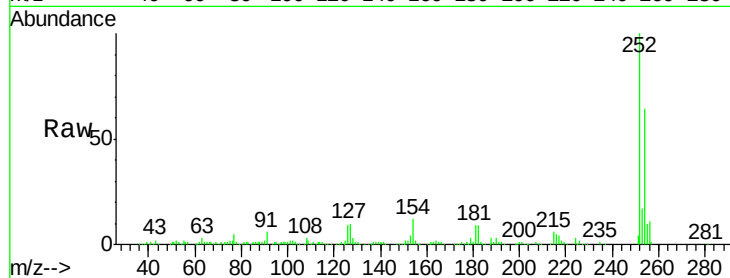




#81
 3,3'-Dichlorobenzidine
 Concen: 26.85 ng
 RT: 13.77 min Scan# 1022
 Delta R.T. -0.03 min
 Lab File: BF084899.D
 Acq: 6 Feb 2016 9:27

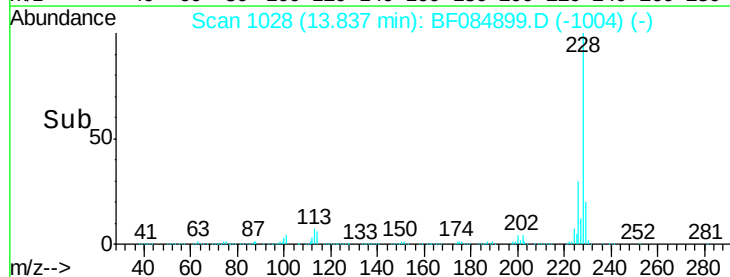
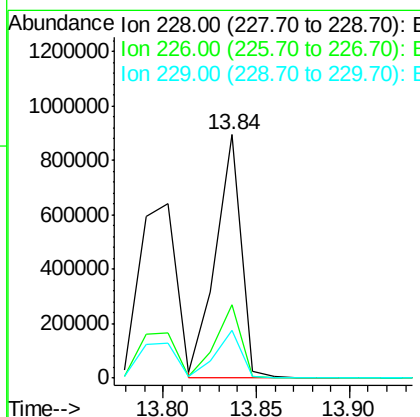
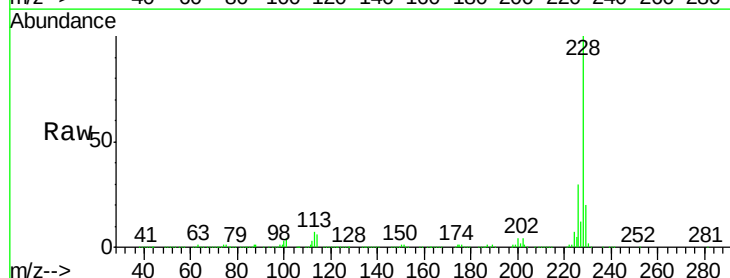
Instrument :
 BNA_F
 ClientSampleId :
 S4-B009(5-7)MS

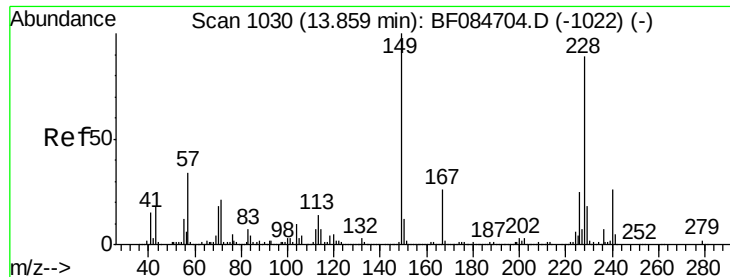
Tgt Ion: 252 Resp: 185942
 Ion Ratio Lower Upper
 252 100
 254 64.0 53.5 80.3
 126 9.2 4.9 7.3#



#82
 Chrysene
 Concen: 44.93 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.02 min
 Lab File: BF084899.D
 Acq: 6 Feb 2016 9:27

Tgt Ion: 228 Resp: 852129
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.3 36.5
 229 19.8 16.1 24.1

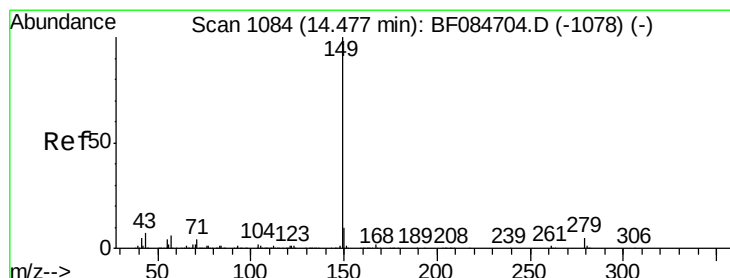
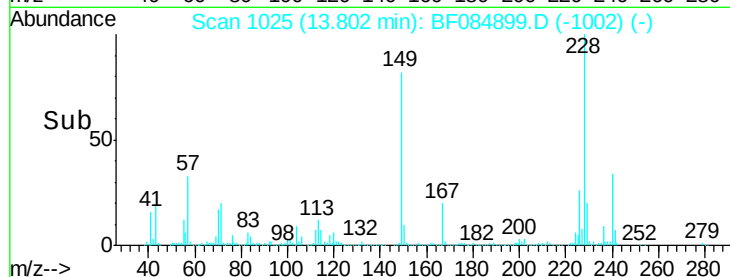
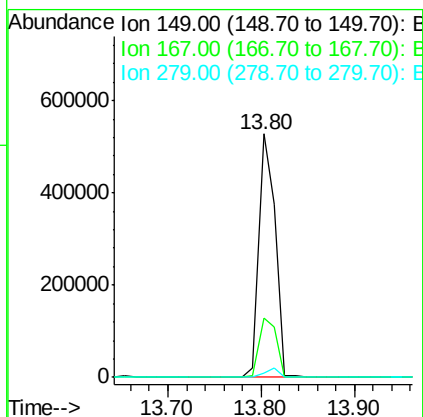
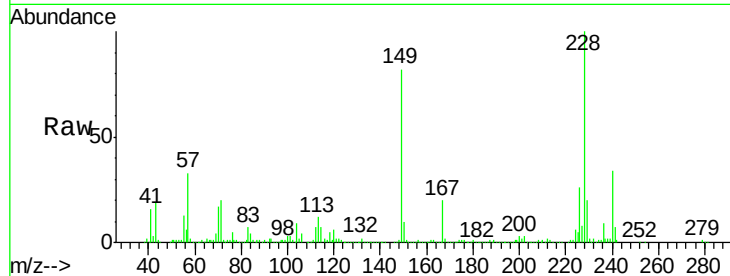




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.17 ng
 RT: 13.80 min Scan# 1025
 Delta R.T. -0.03 min
 Lab File: BF084899.D
 Acq: 6 Feb 2016 9:27

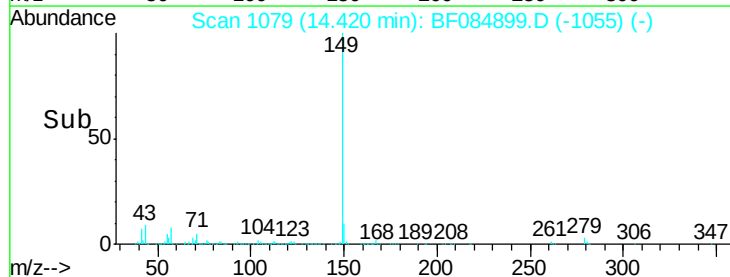
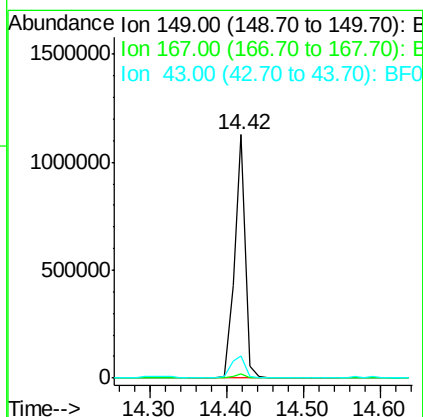
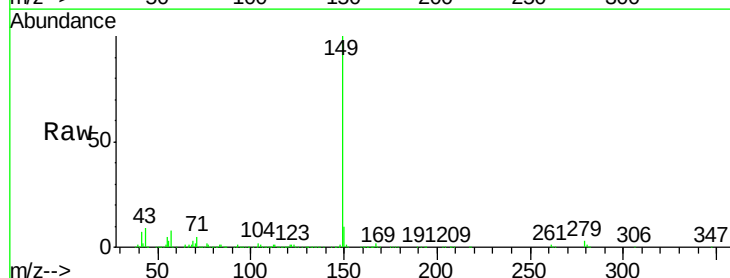
Instrument :
 BNA_F
 ClientSampleId :
 S4-B009(5-7)MS

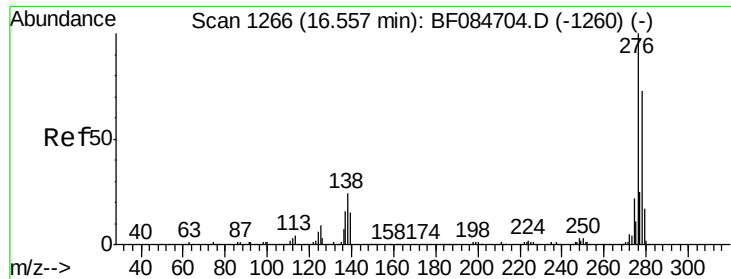
Tgt Ion:149 Resp: 642535
 Ion Ratio Lower Upper
 149 100
 167 24.3 19.7 29.5
 279 1.7 1.8 2.6#



#84
 Di-n-octyl phthalate
 Concen: 49.99 ng
 RT: 14.42 min Scan# 1079
 Delta R.T. -0.02 min
 Lab File: BF084899.D
 Acq: 6 Feb 2016 9:27

Tgt Ion:149 Resp: 1123334
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.2 1.8
 43 11.4 5.6 8.4#





#85

Indeno(1,2,3-cd)pyrene

Concen: 53.18 ng

RT: 16.45 min Scan# 1257

Delta R.T. -0.05 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

Instrument :

BNA_F

ClientSampleId :

S4-B009(5-7)MS

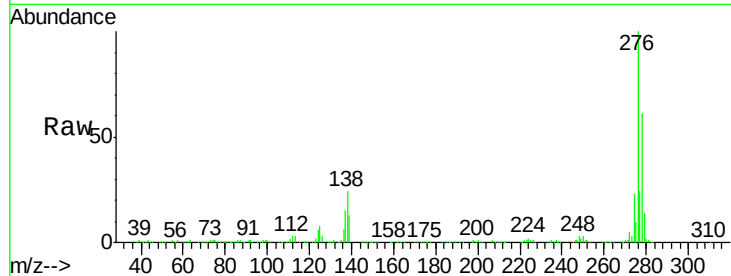
Tgt Ion:276 Resp: 793940

Ion Ratio Lower Upper

276 100

138 24.8 20.6 30.8

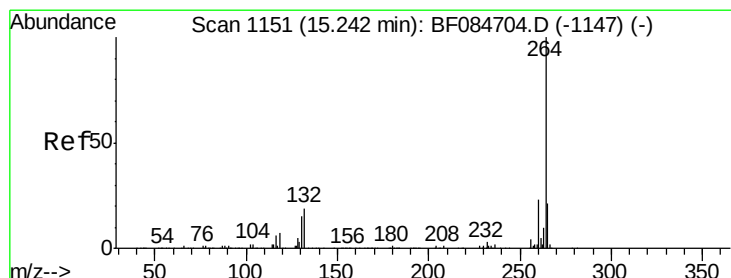
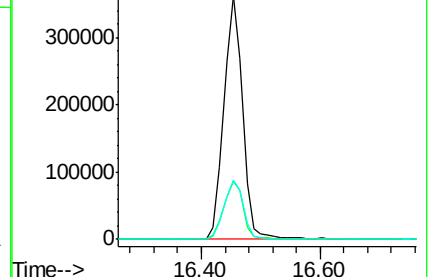
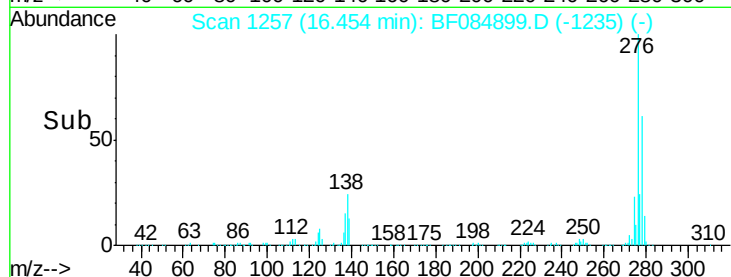
277 25.3 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.17 min Scan# 1145

Delta R.T. -0.03 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

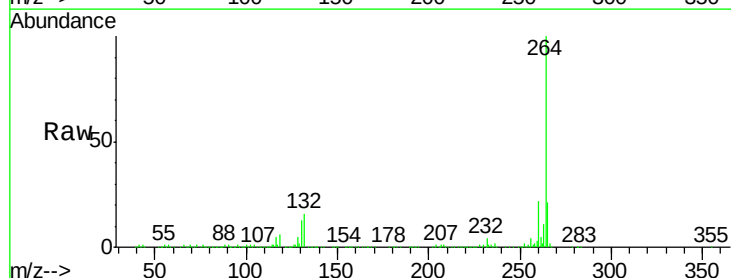
Tgt Ion:264 Resp: 330867

Ion Ratio Lower Upper

264 100

260 22.4 19.4 29.2

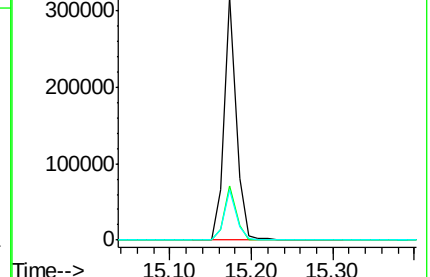
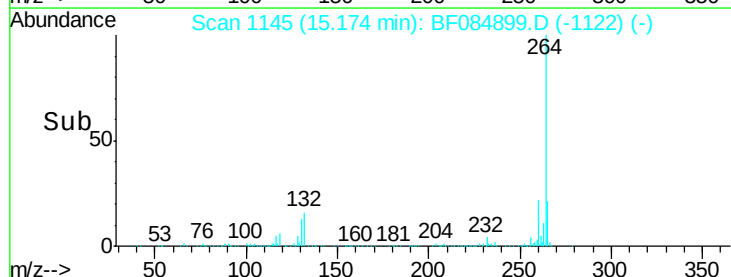
265 20.7 17.8 26.6

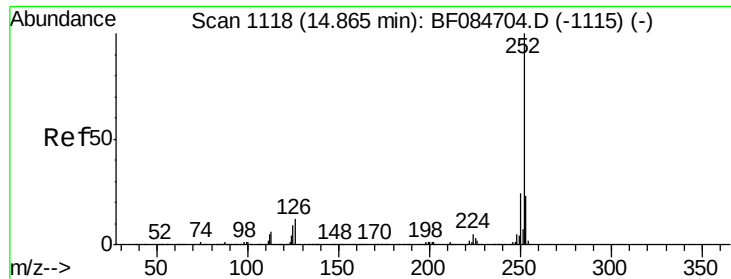


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 73.04 ng

RT: 14.83 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

Instrument :

BNA_F

ClientSampleId :

S4-B009(5-7)MS

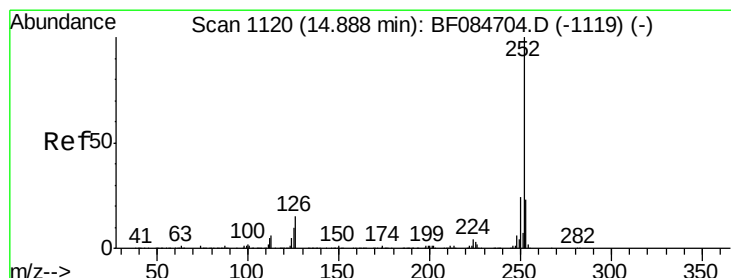
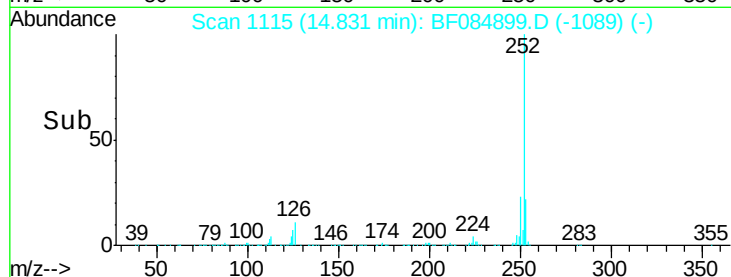
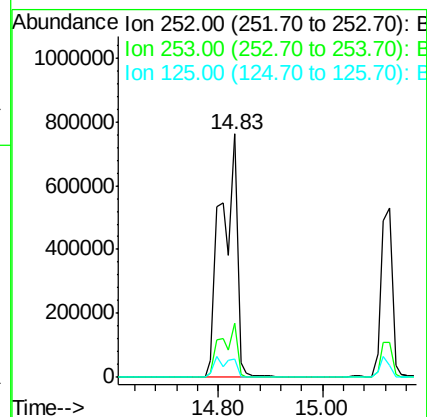
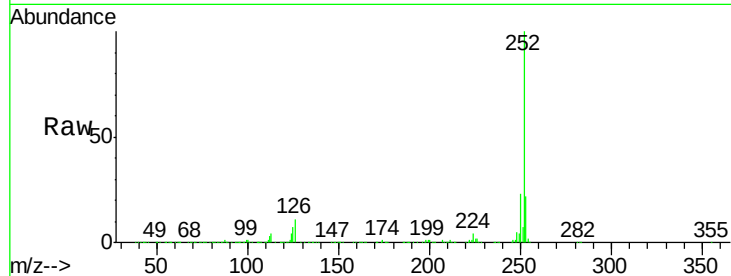
Tgt Ion:252 Resp: 1623634

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 7.3 6.5 9.7



#88

Benzo(k)fluoranthene

Concen: 88.33 ng

RT: 14.83 min Scan# 1115

Delta R.T. -0.02 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

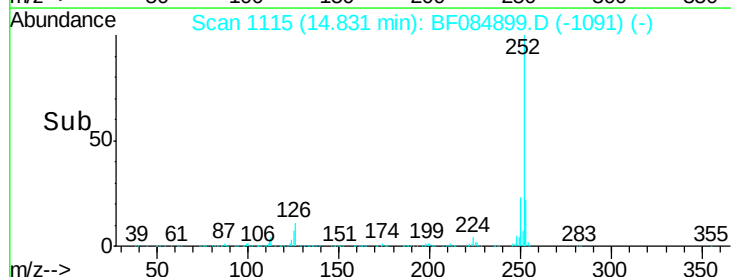
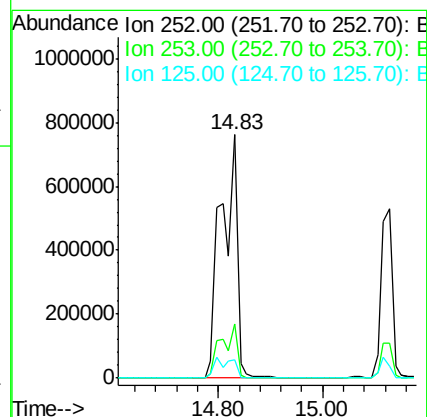
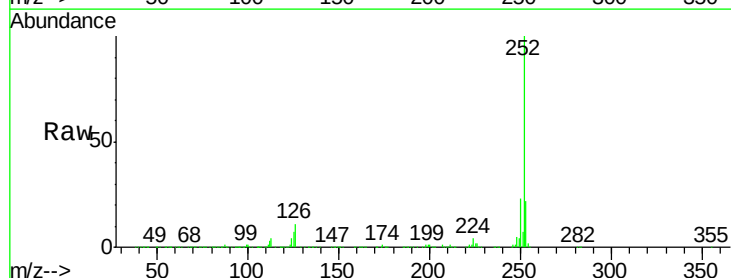
Tgt Ion:252 Resp: 1623634

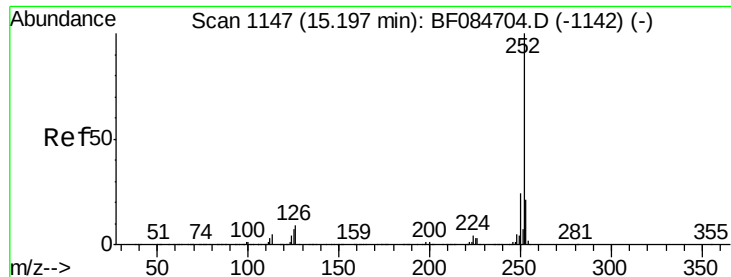
Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

125 7.3 9.0 13.6#

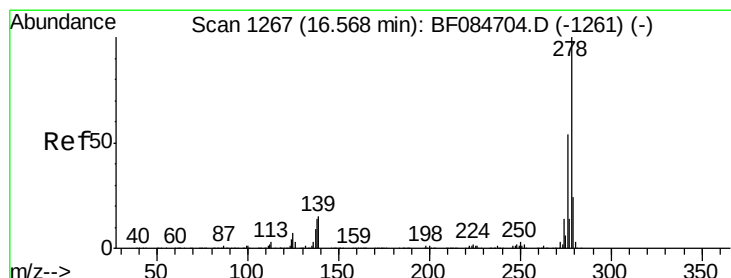
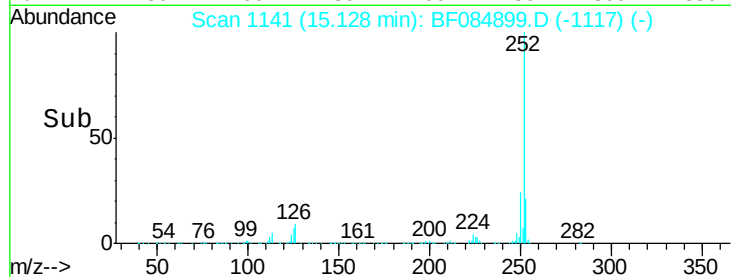
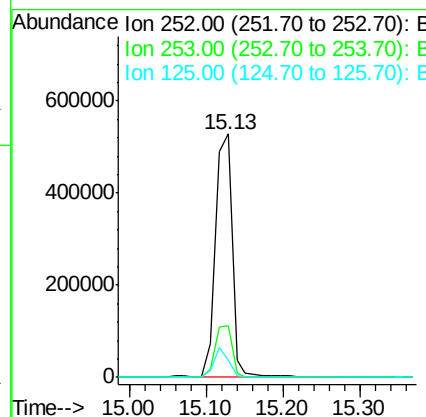
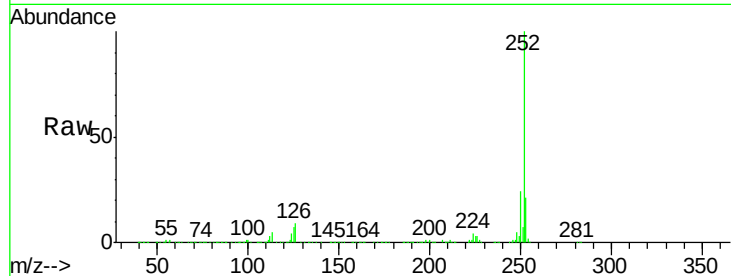




#89
Benzo(a)pyrene
Concen: 41.74 ng
RT: 15.13 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

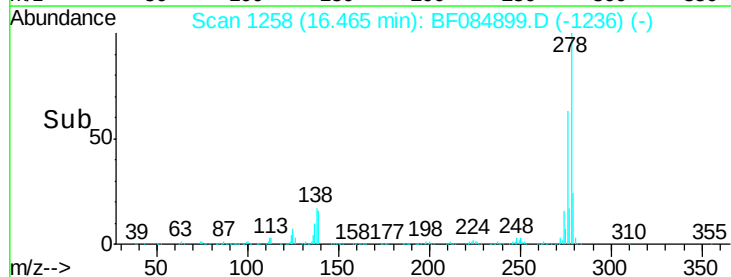
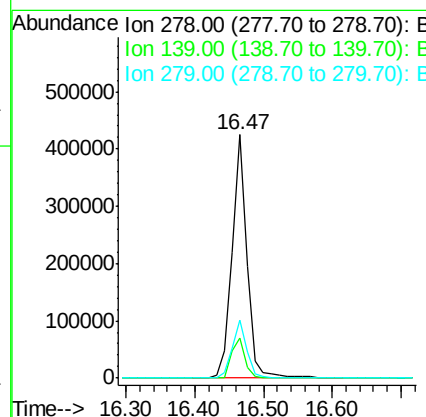
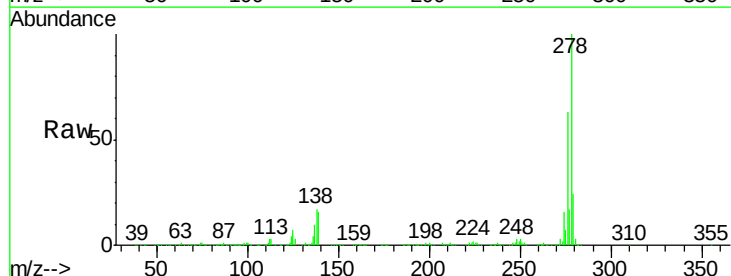
Instrument :
BNA_F
ClientSampleId :
S4-B009(5-7)MS

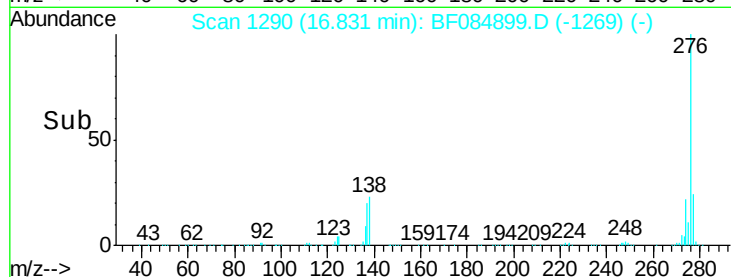
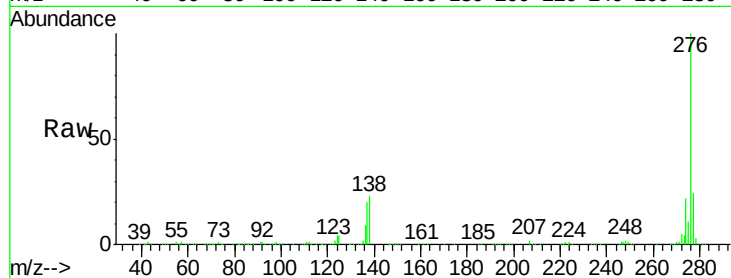
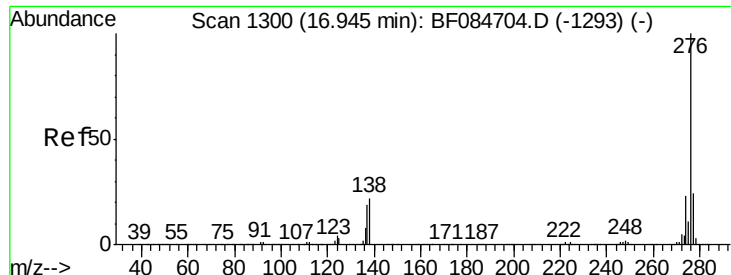
Tgt Ion: 252 Resp: 790720
Ion Ratio Lower Upper
252 100
253 21.1 17.3 25.9
125 7.2 7.0 10.4



#90
Dibenzo(a,h)anthracene
Concen: 41.45 ng
RT: 16.47 min Scan# 1258
Delta R.T. -0.05 min
Lab File: BF084899.D
Acq: 6 Feb 2016 9:27

Tgt Ion: 278 Resp: 660952
Ion Ratio Lower Upper
278 100
139 16.3 15.0 22.4
279 23.7 18.9 28.3





#91

Benzo(g,h,i)perylene

Concen: 40.48 ng

RT: 16.83 min Scan# 1290

Delta R.T. -0.06 min

Lab File: BF084899.D

Acq: 6 Feb 2016 9:27

Instrument :

BNA_F

ClientSampleId :

S4-B009(5-7)MS

Tgt Ion: 276 Resp: 650134

Ion Ratio Lower Upper

276 100

277 24.3 18.8 28.2

138 22.9 17.8 26.6

