

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020316\
 Data File : BF084806.D
 Acq On : 4 Feb 2016 1:20
 Operator : SJ/IZ
 Sample : H1331-05MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL(11.5)MSD

Quant Time: Feb 04 04:07:47 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	6.68	152	181734	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	741826	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	343214	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	659002	20.00	ng	0.00
75) Chrysene-d12	13.84	240	475548	20.00	ng	0.00
86) Perylene-d12	15.21	264	382523	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1358275	116.41	ng	0.01
7) Phenol-d6	6.35	99	1878454	129.87	ng	0.01
23) Nitrobenzene-d5	7.26	82	1204447	91.46	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	470813	131.51	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1791621	89.49	ng	0.00
78) Terphenyl-d14	12.80	244	1908110	90.92	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.25	88	178789	34.98	ng	# 76
3) Pyridine	2.91	79	526604	39.55	ng	# 75
4) n-Nitrosodimethylamine	2.86	42	276037	40.08	ng	79
6) Aniline	6.35	93	469159	26.51	ng	# 65
8) 2-Chlorophenol	6.48	128	531377	40.24	ng	94
9) Benzaldehyde	6.22	77	194588	22.78	ng	92
10) Phenol	6.36	94	733979	45.30	ng	95
11) bis(2-Chloroethyl)ether	6.43	93	474863	37.58	ng	# 81
12) 1,3-Dichlorobenzene	6.62	146	510982	36.62	ng	# 93
13) 1,4-Dichlorobenzene	6.70	146	530366	38.02	ng	95
14) 1,2-Dichlorobenzene	6.70	146	530366	40.82	ng	99
15) Benzyl Alcohol	6.84	79	407567	40.81	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.98	45	755408	35.54	ng	89
17) 2-Methylphenol	6.97	107	437246	41.86	ng	# 92
18) Hexachloroethane	7.20	117	198520	36.96	ng	93
19) n-Nitroso-di-n-propylamine	7.12	70	345015	38.05	ng	# 74
20) 3+4-Methylphenols	7.12	107	532288	41.06	ng	# 67
22) Acetophenone	7.10	105	747977	38.26	ng	# 99
24) Nitrobenzene	7.28	77	489017	34.68	ng	95
25) Isophorone	7.53	82	1007495	39.35	ng	96
26) 2-Nitrophenol	7.60	139	284156	40.86	ng	# 87
27) 2,4-Dimethylphenol	7.65	122	462134	38.20	ng	89
28) bis(2-Chloroethoxy)methane	7.74	93	618311	40.70	ng	# 97
29) 2,4-Dichlorophenol	7.85	162	443902	42.89	ng	94
30) 1,2,4-Trichlorobenzene	7.92	180	430870	36.85	ng	97
31) Naphthalene	8.00	128	1372385	36.88	ng	99
32) Benzoic acid	7.76	122	81023	10.47	ng	96
33) 4-Chloroaniline	8.05	127	241883	15.72	ng	95
34) Hexachlorobutadiene	8.12	225	257972	38.27	ng	98
35) Caprolactam	8.43	113	86754	27.19	ng	# 47
36) 4-Chloro-3-methylphenol	8.56	107	500906	42.42	ng	98
37) 2-Methylnaphthalene	8.69	142	1035361	44.46	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	384852	35.31	ng	99
40) Hexachlorocyclopentadiene	8.84	237	374169	78.40	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	304759	43.40	ng	93
43) 2,4,5-Trichlorophenol	9.02	196	288972	40.50	ng	96
45) 1,1'-Biphenyl	9.16	154	1167766	38.09	ng	96
46) 2-Chloronaphthalene	9.17	162	863499	38.25	ng	96
47) 2-Nitroaniline	9.28	65	280144	39.19	ng	98
48) Acenaphthylene	9.60	152	1340279	39.12	ng	99
49) Dimethylphthalate	9.47	163	1317869	50.41	ng	# 90
50) 2,6-Dinitrotoluene	9.53	165	243826	42.70	ng	# 71
51) Acenaphthene	9.77	154	869548	39.01	ng	96
52) 3-Nitroaniline	9.69	138	162274	25.29	ng	99
53) 2,4-Dinitrophenol	9.80	184	149128	58.28	ng	# 87
54) Dibenzofuran	9.94	168	1195530	43.89	ng	99
55) 4-Nitrophenol	9.88	139	365499	77.50	ng	83
56) 2,4-Dinitrotoluene	9.93	165	273009	37.48	ng	# 76
57) Fluorene	10.27	166	878651	38.63	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	236941	43.62	ng	91
59) Diethylphthalate	10.17	149	1063680	41.67	ng	98
60) 4-Chlorophenyl-phenylether	10.27	204	414711	43.08	ng	95
61) 4-Nitroaniline	10.30	138	253879	40.60	ng	92
62) Azobenzene	10.43	77	1084053	44.17	ng	92
64) 4,6-Dinitro-2-methylphenol	10.34	198	179618	44.16	ng	96
65) n-Nitrosodiphenylamine	10.40	169	873039	41.72	ng	99
66) 4-Bromophenyl-phenylether	10.76	248	296785	40.77	ng	96
67) Hexachlorobenzene	10.82	284	291537	36.76	ng	# 86
68) Atrazine	10.92	200	283986	42.97	ng	97
69) Pentachlorophenol	11.02	266	304470	81.69	ng	99
70) Phenanthrene	11.23	178	1312730	35.92	ng	97
71) Anthracene	11.29	178	1492378	40.52	ng	99
72) Carbazole	11.45	167	1366695	42.56	ng	98
73) Di-n-butylphthalate	11.78	149	1424675	34.84	ng	# 97
74) Fluoranthene	12.42	202	1433537	38.75	ng	92
76) Benzidine	12.54	184	692580	41.61	ng	98
77) Pyrene	12.64	202	1361691	37.40	ng	99
79) Butylbenzylphthalate	13.28	149	683591	41.39	ng	# 84
80) Benzo(a)anthracene	13.83	228	1148922	38.93	ng	98
81) 3,3'-Dichlorobenzidine	13.79	252	194381	18.60	ng	# 93
82) Chrysene	13.86	228	1045340	36.52	ng	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	868087	42.23	ng	# 97
84) Di-n-octyl phthalate	14.44	149	1332105	39.28	ng	# 88
85) Indeno(1,2,3-cd)pyrene	16.50	276	882761	39.18	ng	98
87) Benzo(b)fluoranthene	14.83	252	1874680	72.94	ng	# 96
88) Benzo(k)fluoranthene	14.83	252	1874680	88.22	ng	99
89) Benzo(a)pyrene	15.15	252	870306	39.74	ng	# 96
90) Dibenzo(a,h)anthracene	16.51	278	727548	39.47	ng	98
91) Benzo(g,h,i)perylene	16.89	276	744787	40.11	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.00 min

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SOUTH-SIDEWALL(11.5)MSD

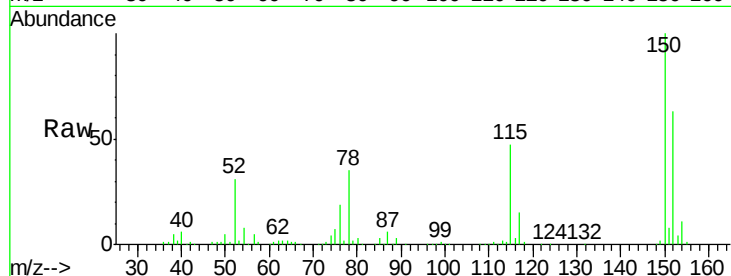
Tgt Ion:152 Resp: 181734

Ion Ratio Lower Upper

152 100

150 157.8 123.0 184.4

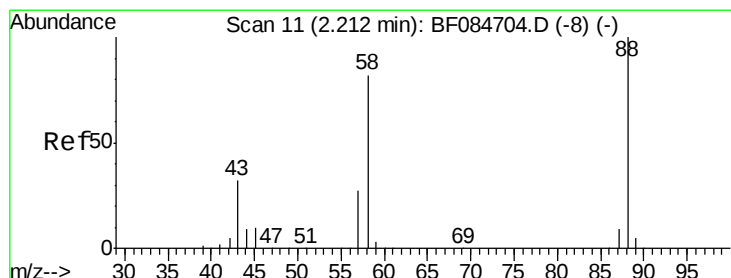
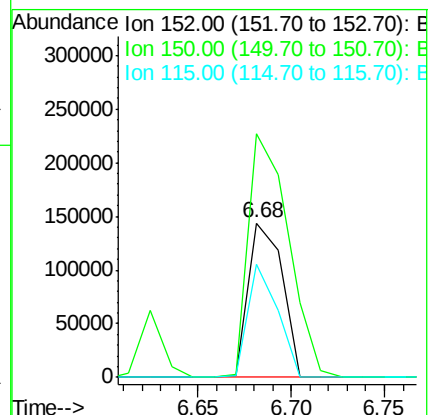
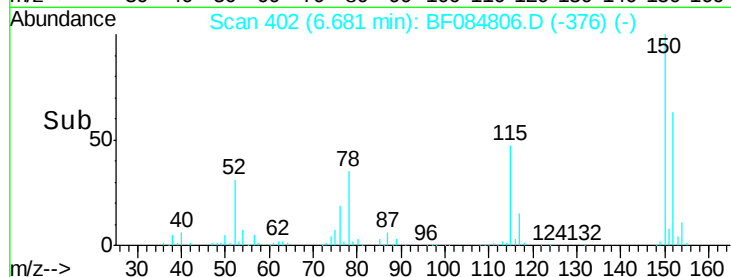
115 73.6 51.4 77.2



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: 34.98 ng

RT: 2.25 min Scan# 14

Delta R.T. 0.07 min

Lab File: BF084806.D

Acq: 4 Feb 2016 1:20

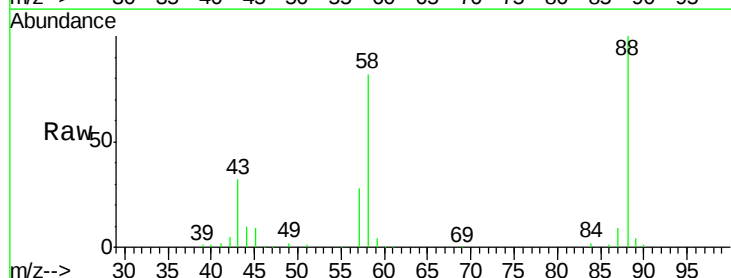
Tgt Ion: 88 Resp: 178789

Ion Ratio Lower Upper

88 100

58 84.1 51.2 76.8#

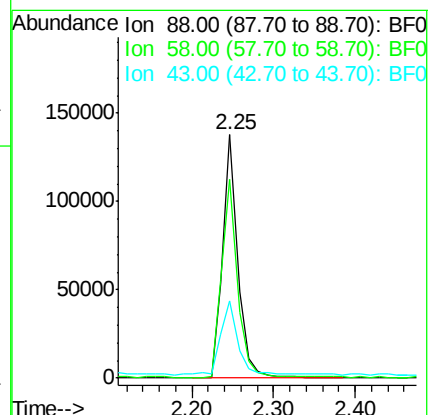
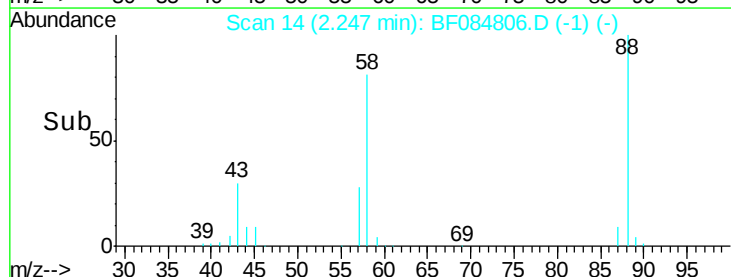
43 33.5 19.5 29.3#

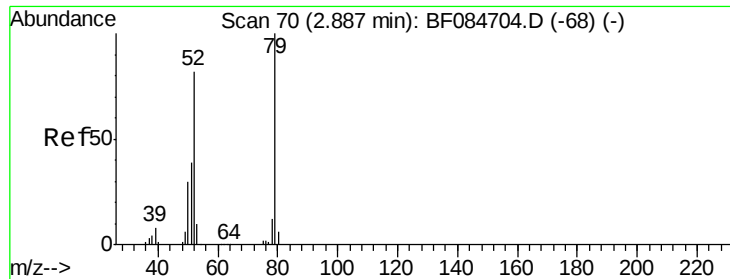


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 39.55 ng

RT: 2.91 min Scan# 72

Delta R.T. 0.07 min

Lab File: BF084806.D

Acq: 4 Feb 2016 1:20

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SOUTH-SIDEWALL(11.5)MSD

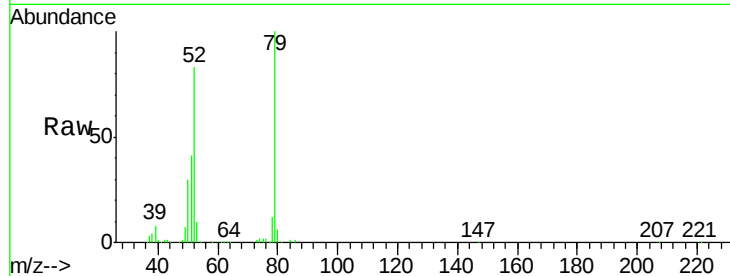
Tgt Ion: 79 Resp: 526604

Ion Ratio Lower Upper

79 100

52 83.4 49.0 73.4#

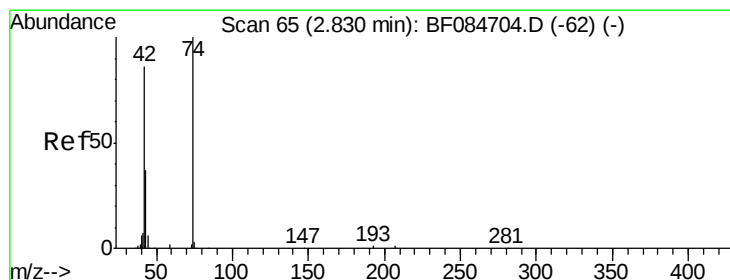
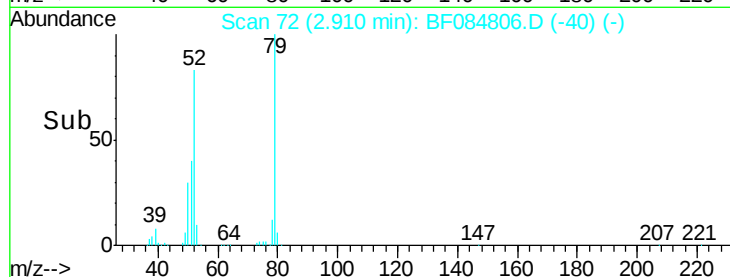
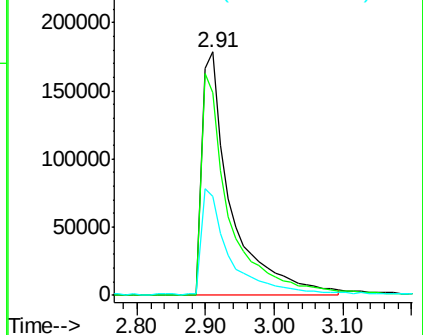
51 40.6 25.2 37.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.08 ng

RT: 2.86 min Scan# 68

Delta R.T. 0.07 min

Lab File: BF084806.D

Acq: 4 Feb 2016 1:20

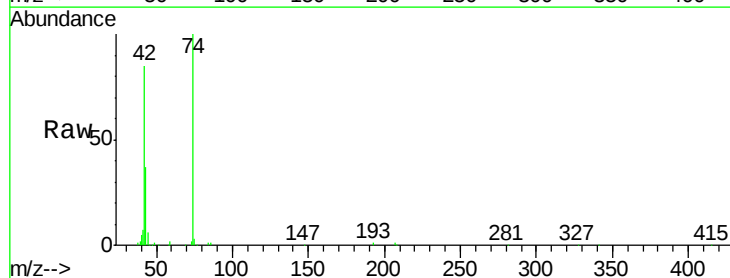
Tgt Ion: 42 Resp: 276037

Ion Ratio Lower Upper

42 100

74 117.6 115.7 173.5

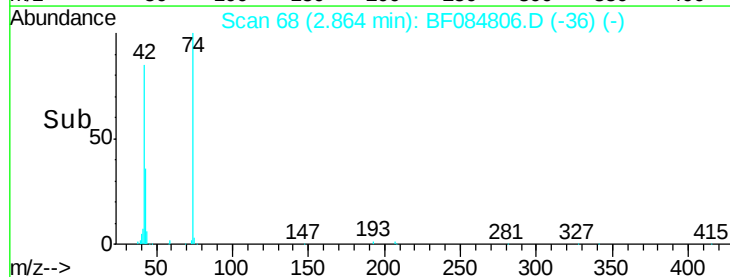
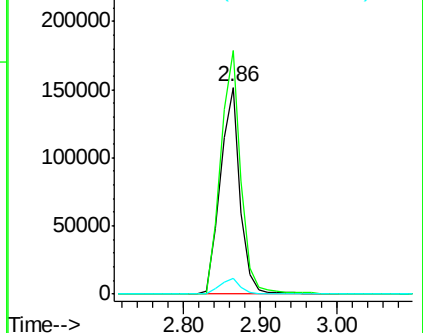
44 7.4 5.1 7.7

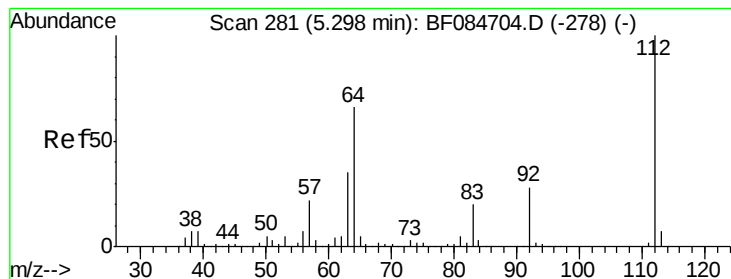


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 116.41 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: BF084806.D

Acq: 4 Feb 2016 1:20

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SOUTH-SIDEWALL(11.5)MSD

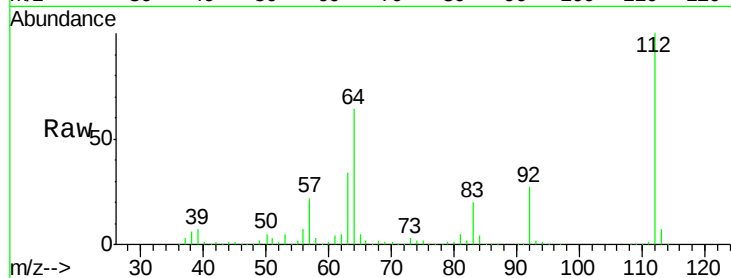
Tgt Ion: 112 Resp: 1358275

Ion Ratio Lower Upper

112 100

64 64.3 36.6 55.0#

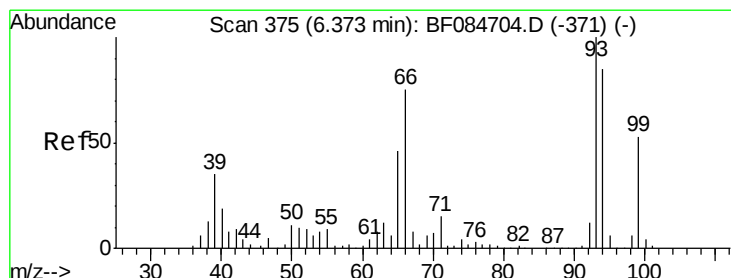
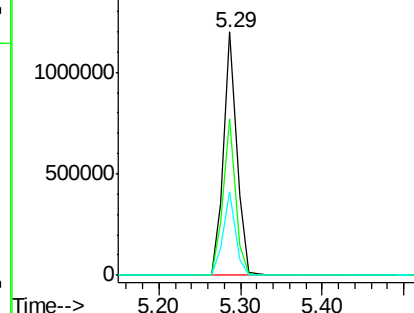
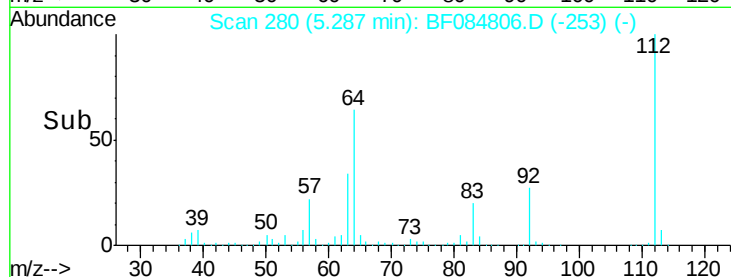
63 34.5 19.4 29.0#



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: 26.51 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.00 min

Lab File: BF084806.D

Acq: 4 Feb 2016 1:20

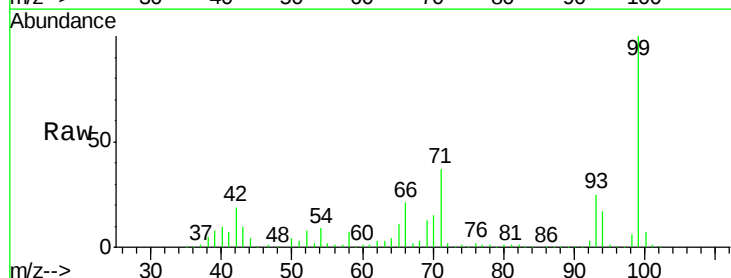
Tgt Ion: 93 Resp: 469159

Ion Ratio Lower Upper

93 100

66 84.0 44.9 67.3#

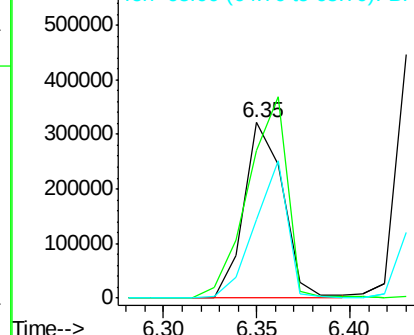
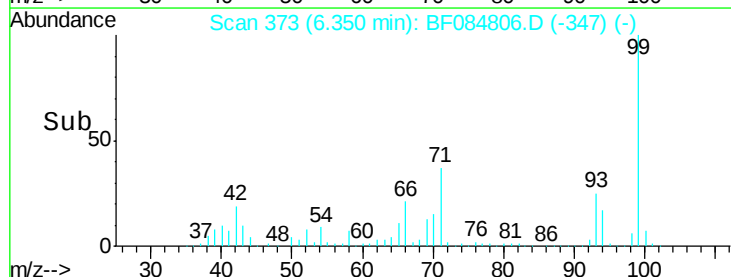
65 44.8 23.7 35.5#



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: 129.87 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.01 min

Lab File: BF084806.D

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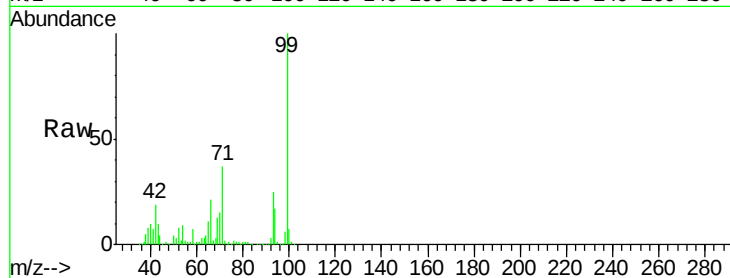
Tgt Ion: 99 Resp: 1878454

Ion Ratio Lower Upper

99 100

42 18.7 12.8 19.2

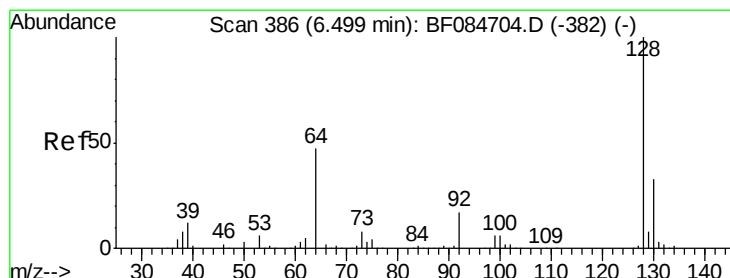
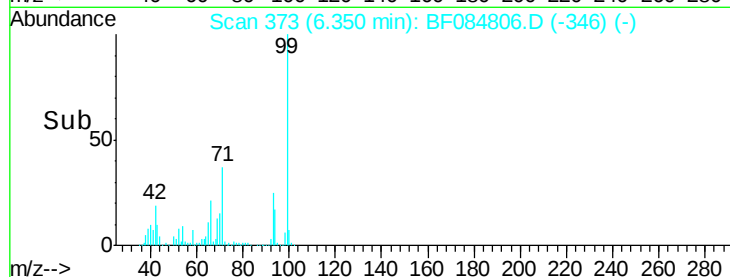
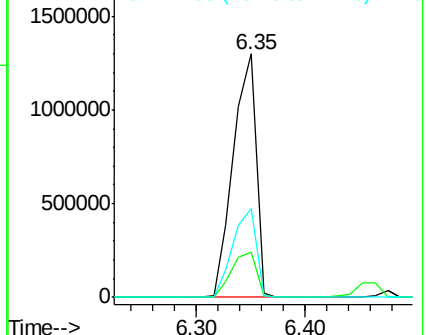
71 36.5 30.9 46.3



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: 40.24 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

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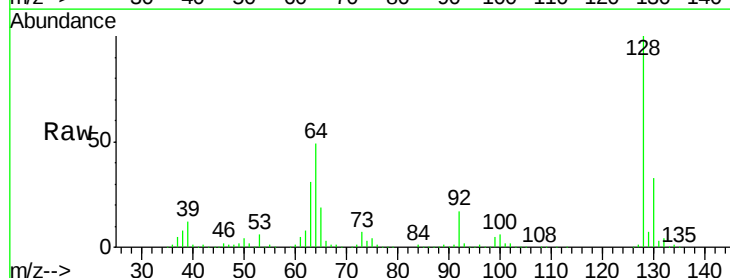
Tgt Ion: 128 Resp: 531377

Ion Ratio Lower Upper

128 100

130 33.3 11.6 51.6

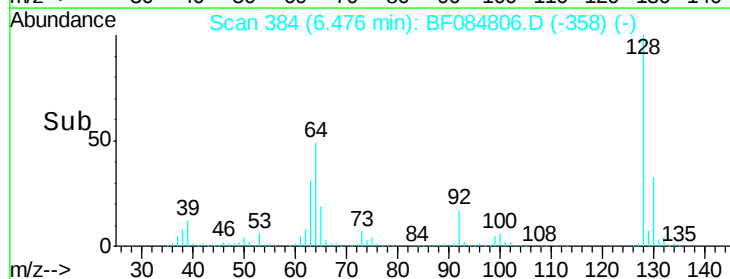
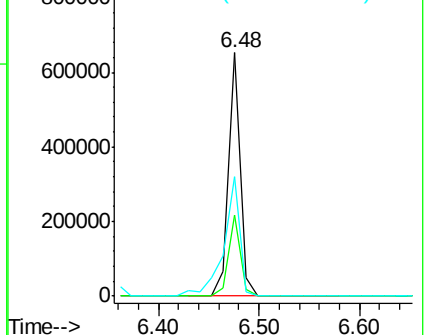
64 49.3 23.8 63.8

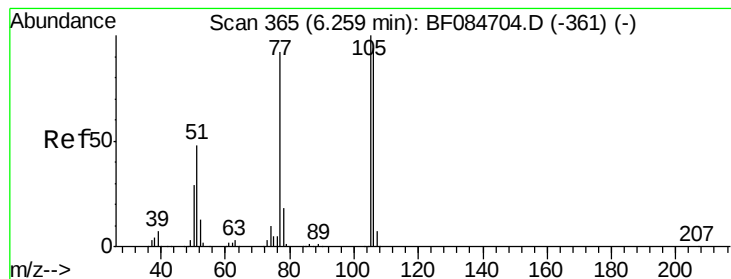


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 22.78 ng

RT: 6.22 min Scan# 362

Delta R.T. -0.01 min

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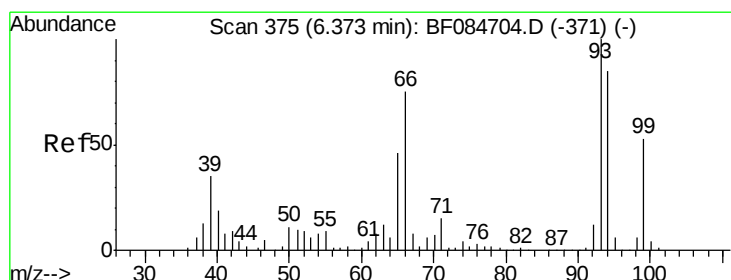
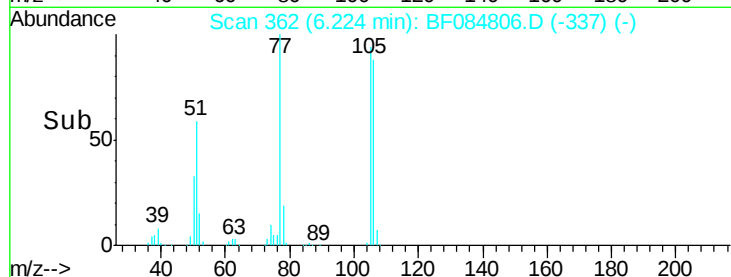
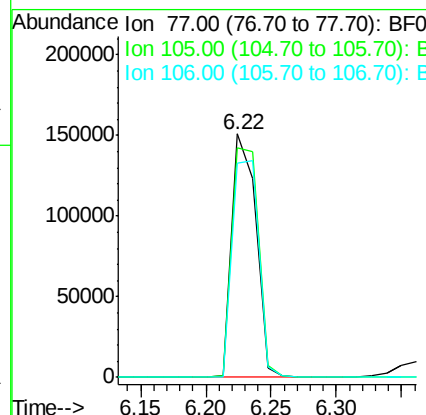
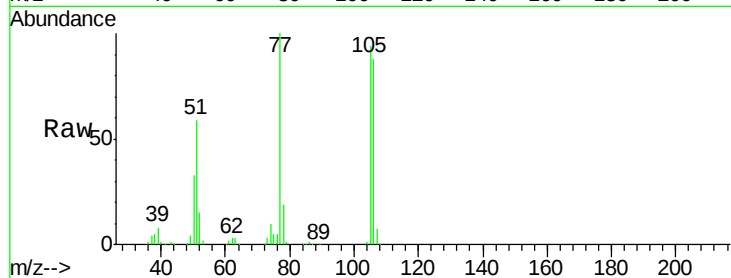
Tgt Ion: 77 Resp: 194588

Ion Ratio Lower Upper

77 100

105 94.2 83.0 123.0

106 88.0 74.6 114.6



#10

Phenol

Concen: 45.30 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.01 min

Lab File: BF084806.D

Acq: 4 Feb 2016 1:20

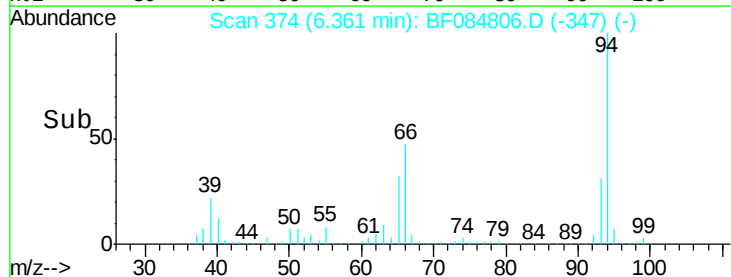
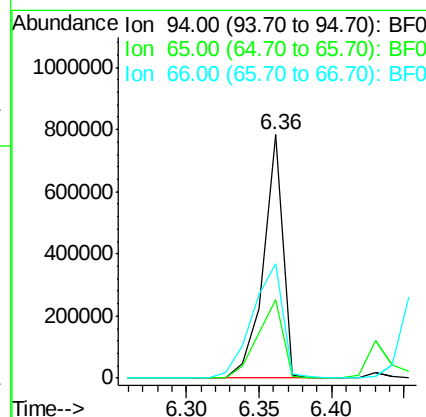
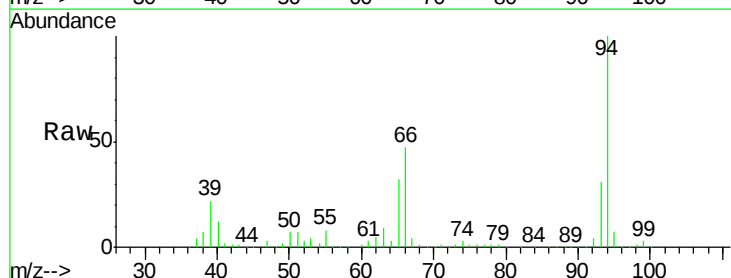
Tgt Ion: 94 Resp: 733979

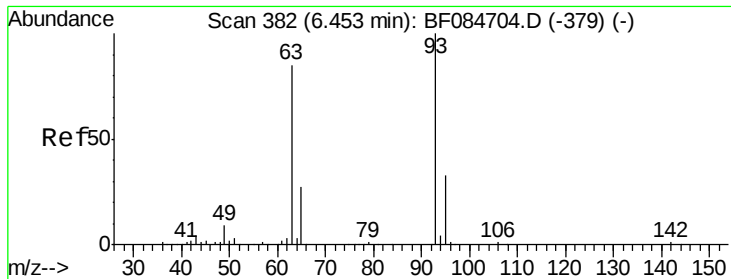
Ion Ratio Lower Upper

94 100

65 32.2 12.9 52.9

66 47.0 32.7 72.7





#11

bis(2-Chloroethyl)ether

Concen: 37.58 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF084806.D

Acq: 4 Feb 2016 1:20

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MSD

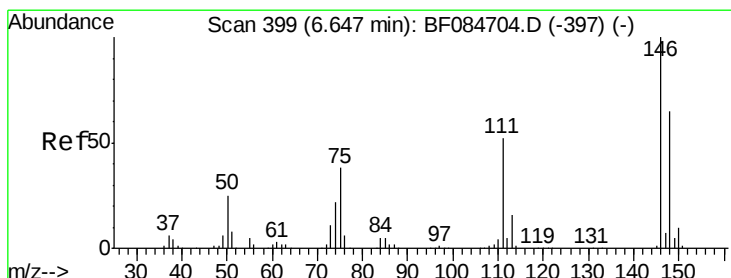
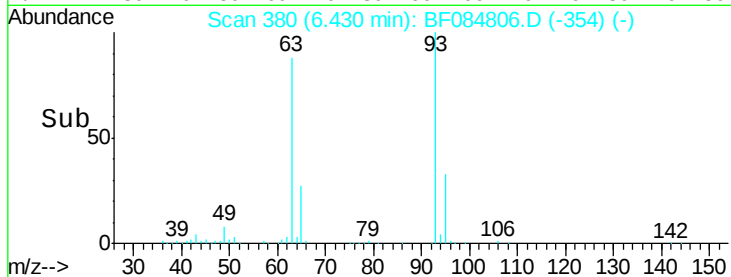
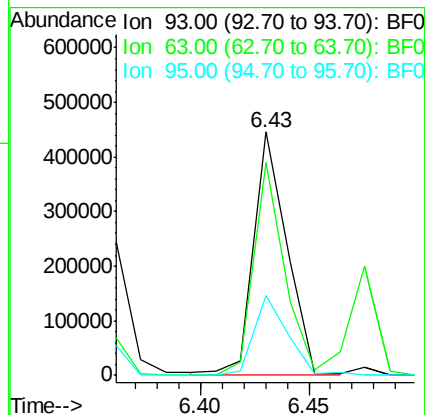
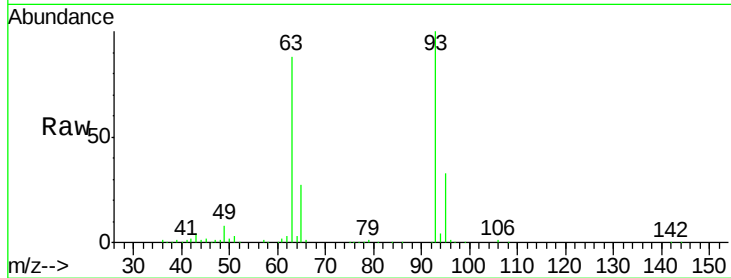
Tgt Ion: 93 Resp: 474863

Ion Ratio Lower Upper

93 100

63 87.7 45.9 85.9#

95 32.8 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 36.62 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF084806.D

Acq: 4 Feb 2016 1:20

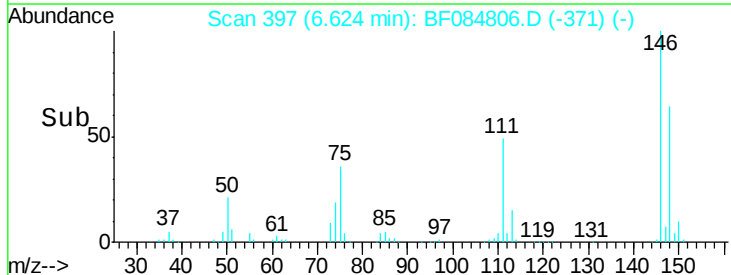
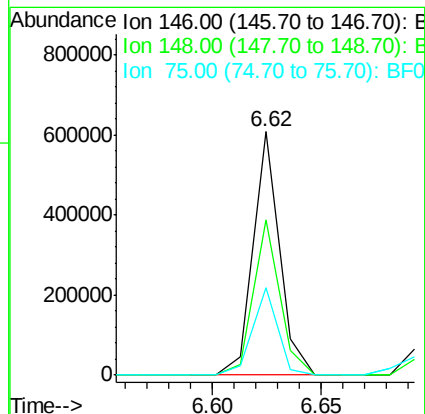
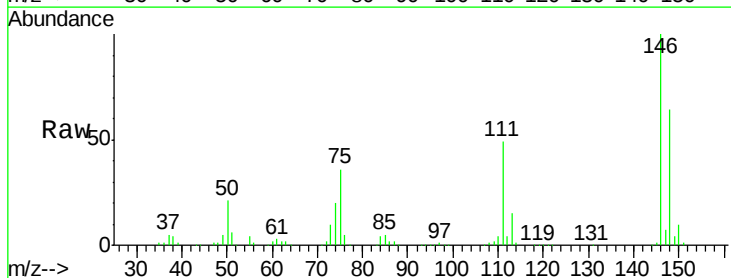
Tgt Ion: 146 Resp: 510982

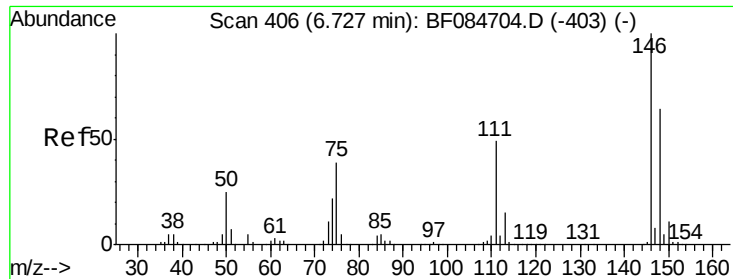
Ion Ratio Lower Upper

146 100

148 63.6 51.9 77.9

75 35.7 20.5 30.7#

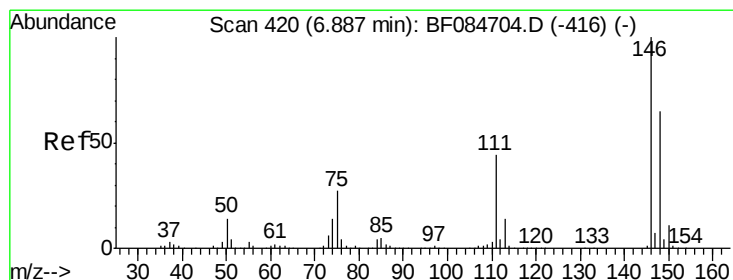
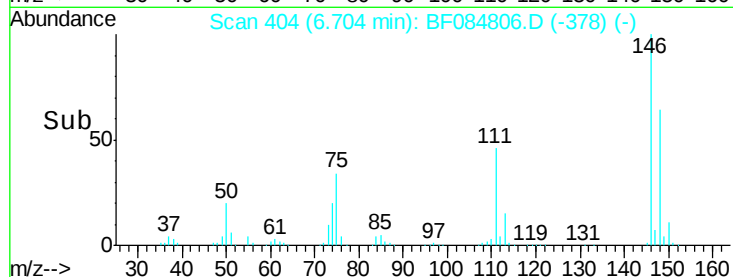
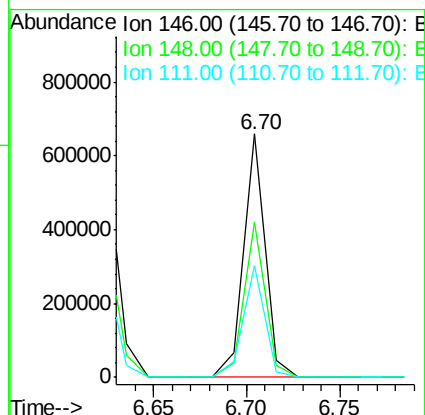
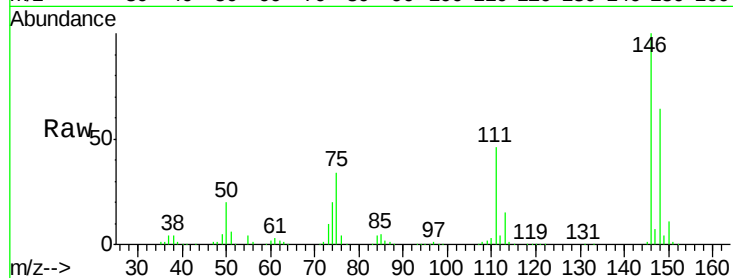




#13
 1,4-Dichlorobenzene
 Concen: 38.02 ng
 RT: 6.70 min Scan# 404
 Delta R.T. -0.00 min
 Lab File: BF084806.D
 Acq: 4 Feb 2016 1:20

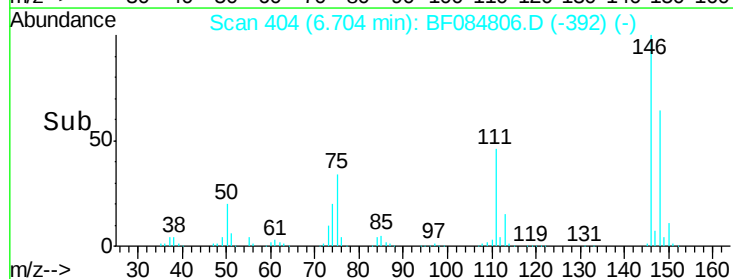
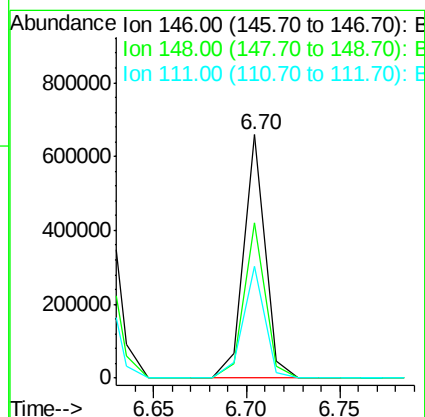
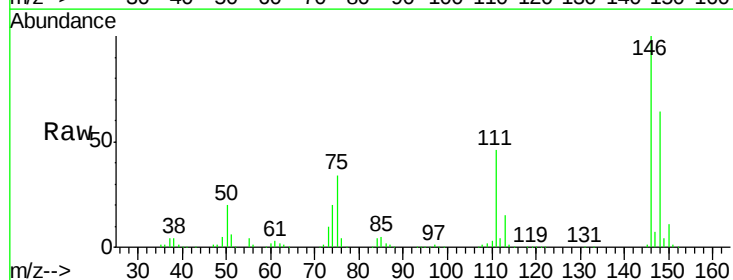
Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL(11.5)MSD

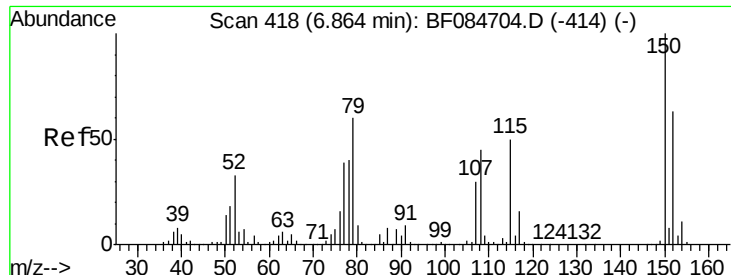
Tgt Ion:146 Resp: 530366
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.9 77.9
 111 46.1 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 40.82 ng
 RT: 6.70 min Scan# 404
 Delta R.T. -0.16 min
 Lab File: BF084806.D
 Acq: 4 Feb 2016 1:20

Tgt Ion:146 Resp: 530366
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.6 77.4
 111 46.1 38.0 57.0

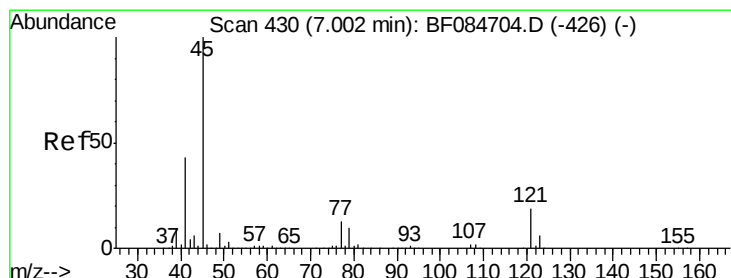
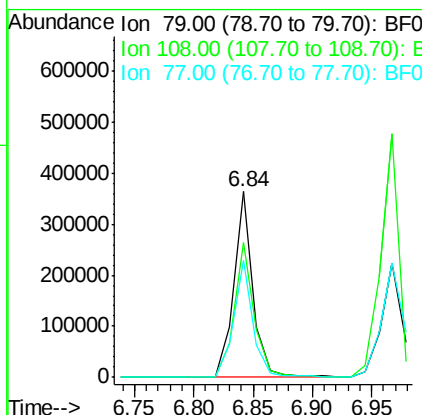
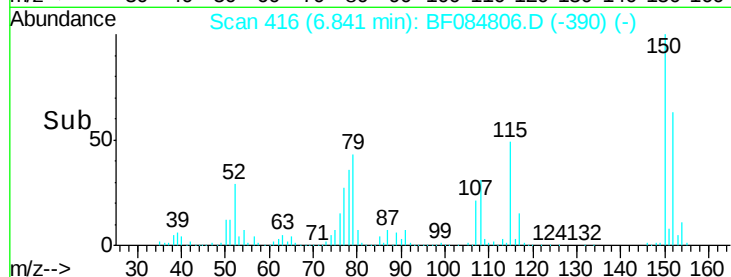
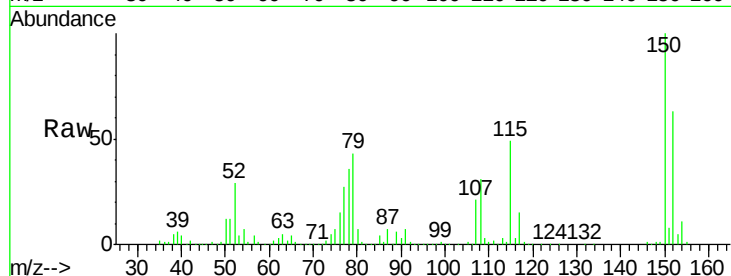




#15
Benzyl Alcohol
Concen: 40.81 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.00 min
Lab File: BF084806.D
Acq: 4 Feb 2016 1:20

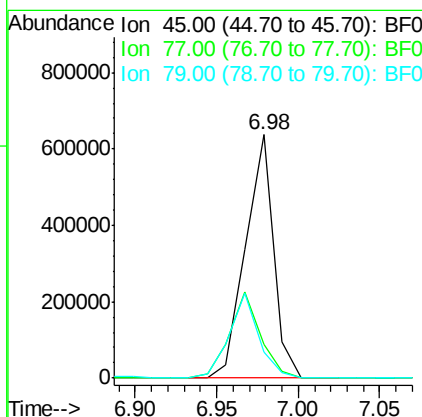
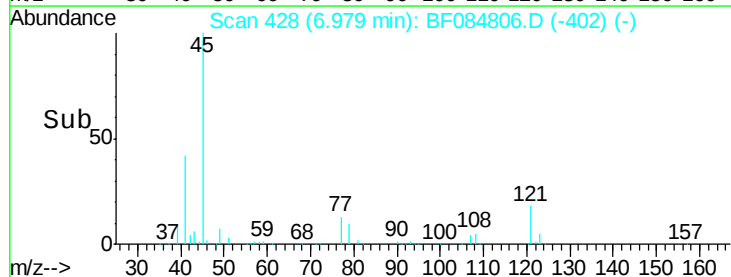
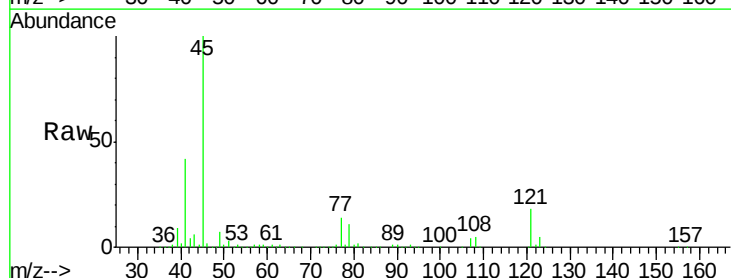
Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDEWALL(11.5)MSD

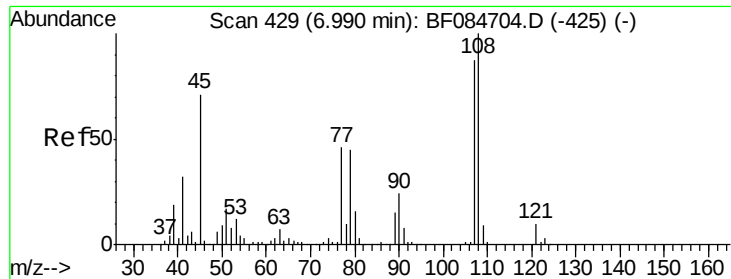
Tgt Ion: 79 Resp: 407567
Ion Ratio Lower Upper
79 100
108 72.5 69.0 103.4
77 63.0 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.54 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF084806.D
Acq: 4 Feb 2016 1:20

Tgt Ion: 45 Resp: 755408
Ion Ratio Lower Upper
45 100
77 14.0 0.0 39.6
79 10.9 0.0 35.0

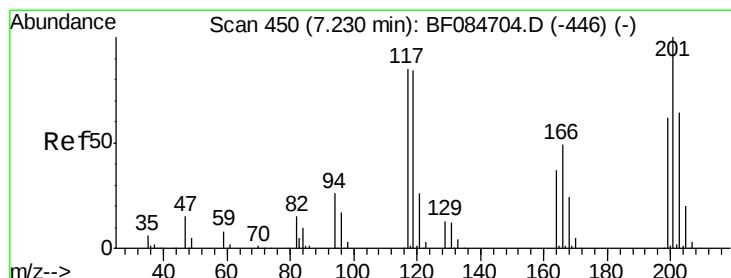
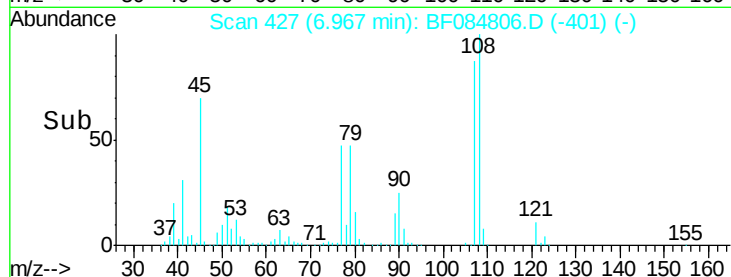
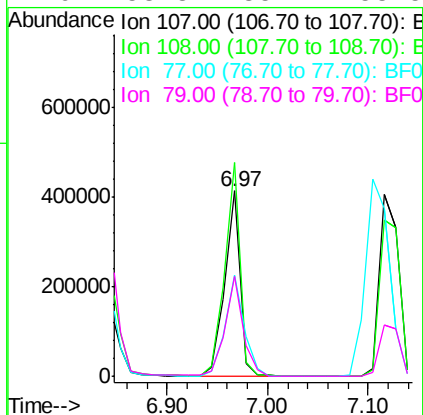
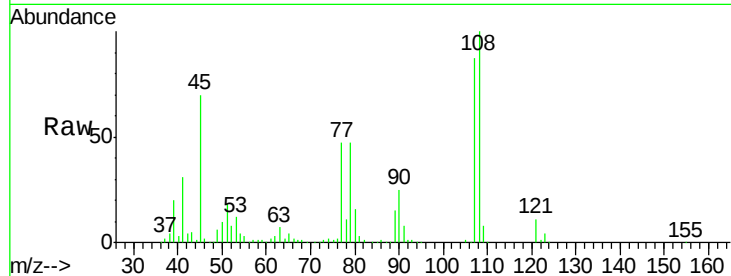




#17
2-Methylphenol
Concen: 41.86 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF084806.D
Acq: 4 Feb 2016 1:20

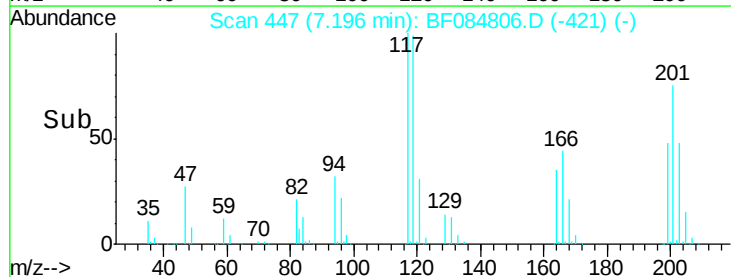
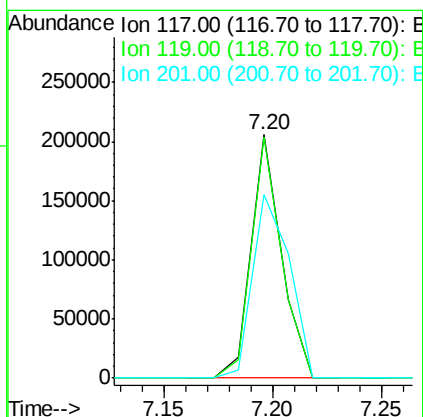
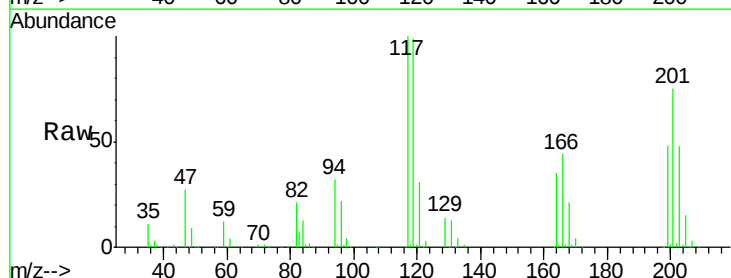
Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDEWALL(11.5)MSD

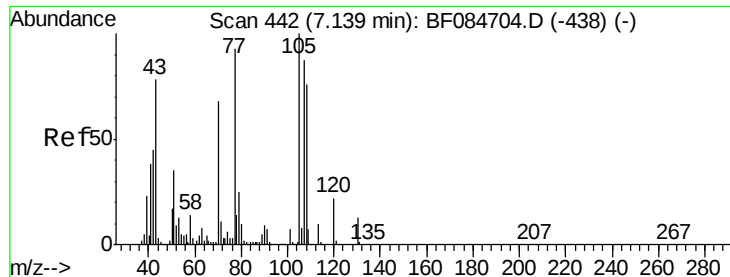
Tgt Ion:107 Resp: 437246
Ion Ratio Lower Upper
107 100
108 115.1 89.8 134.6
77 54.2 35.7 53.5#
79 53.8 35.7 53.5#



#18
Hexachloroethane
Concen: 36.96 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF084806.D
Acq: 4 Feb 2016 1:20

Tgt Ion:117 Resp: 198520
Ion Ratio Lower Upper
117 100
119 98.9 77.4 116.0
201 75.4 68.6 103.0

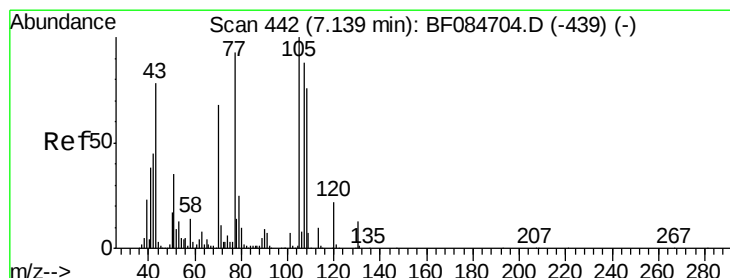
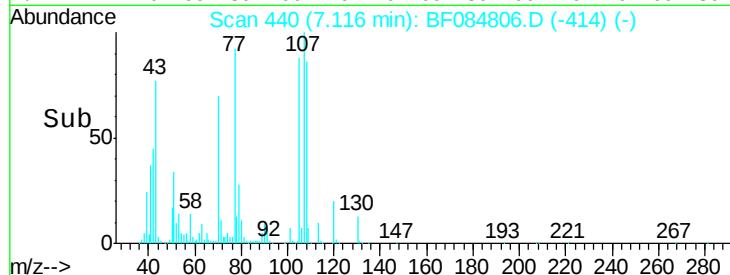
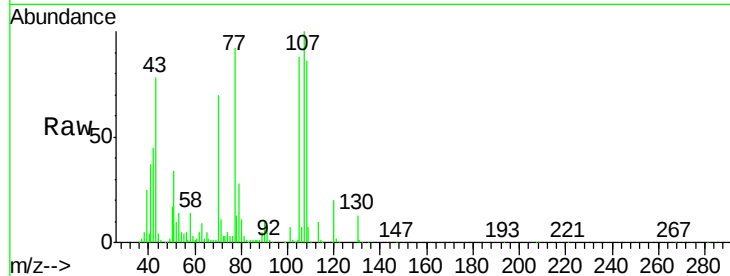
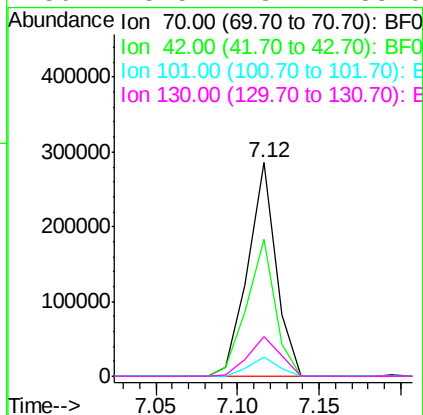




#19
n-Nitroso-di-n-propylamine
Concen: 38.05 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF084806.D
Acq: 4 Feb 2016 1:20

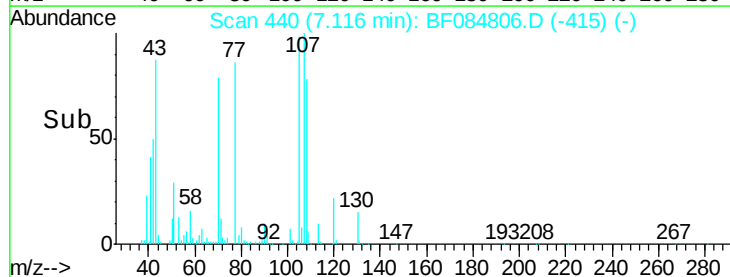
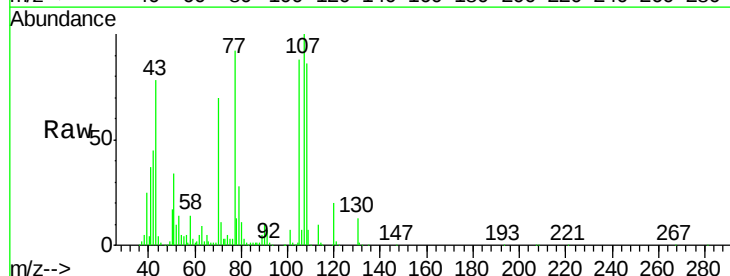
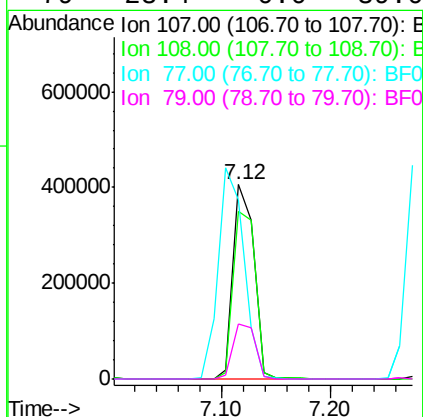
Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDEWALL(11.5)MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	64.1	33.3	49.9#
101	9.3	9.3	13.9#
130	18.5	23.4	35.0#



#20
3+4-Methylphenols
Concen: 41.06 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.01 min
Lab File: BF084806.D
Acq: 4 Feb 2016 1:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.0	74.6	114.6
77	92.3	0.7	40.7#
79	28.4	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF084806.D

Acq: 4 Feb 2016 1:20

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MSD

Tgt Ion:136 Resp: 741826

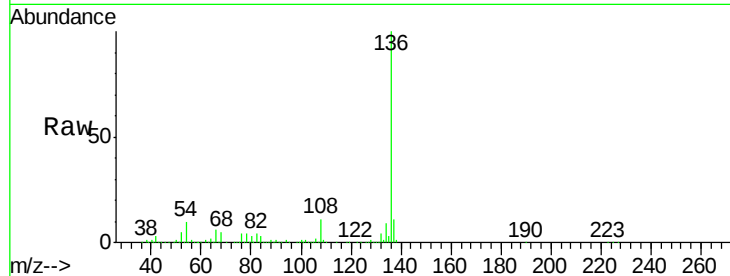
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 9.7 5.8 8.8#

68 5.3 4.2 6.2

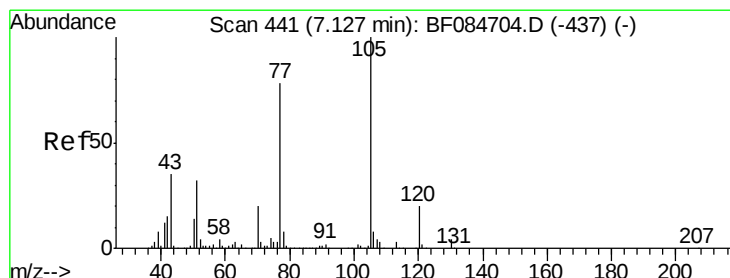
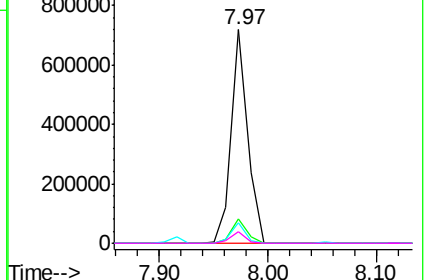
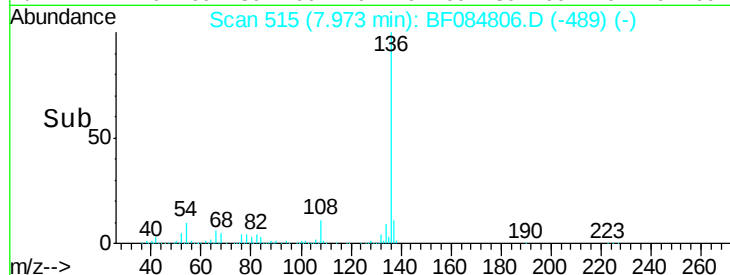


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.26 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF084806.D

Acq: 4 Feb 2016 1:20

Tgt Ion:105 Resp: 747977

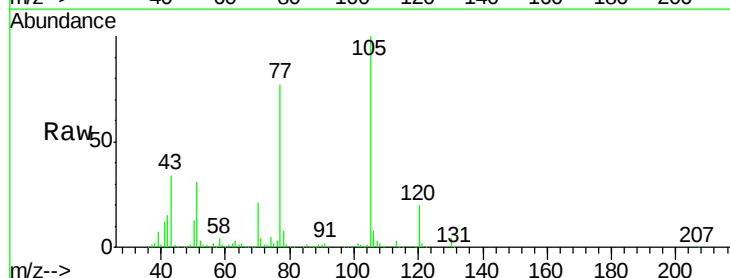
Ion Ratio Lower Upper

105 100

71 3.5 3.7 5.5#

51 31.0 25.1 37.7

120 20.0 16.6 25.0

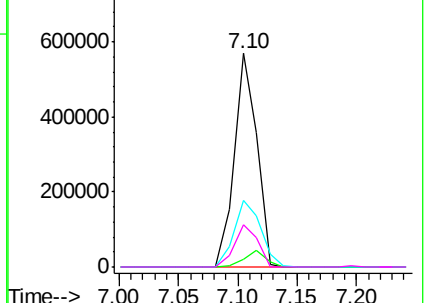
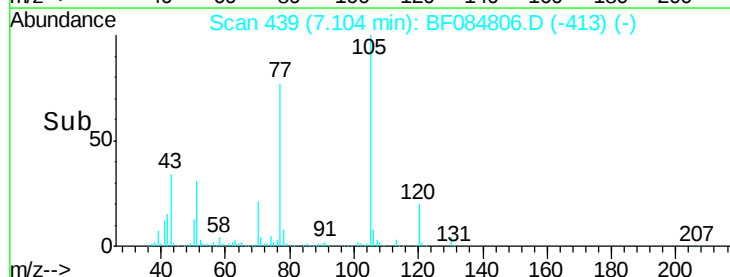


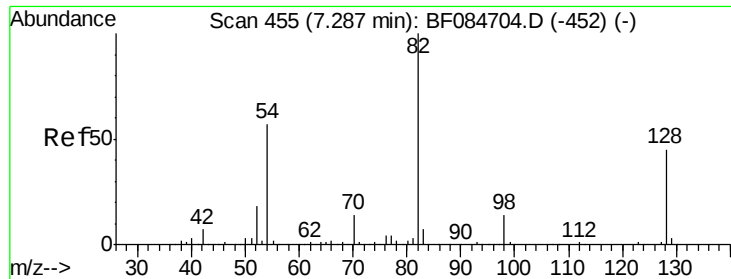
Abundance Ion 105.00 (104.70 to 105.70): E

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

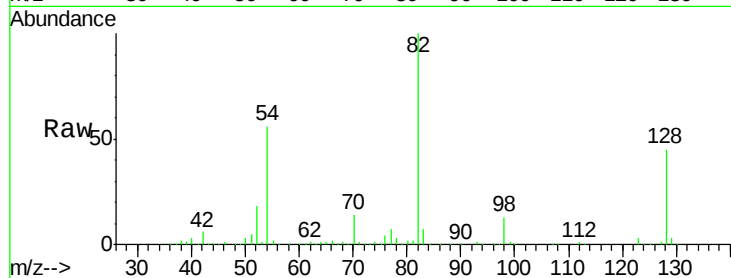




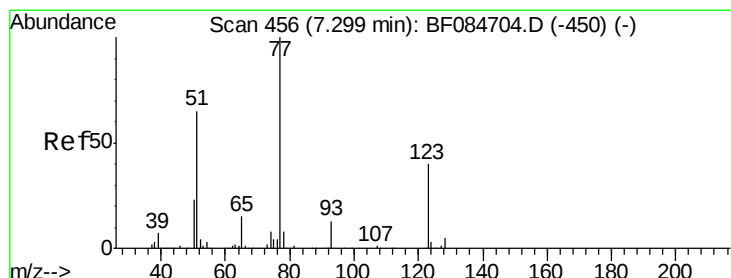
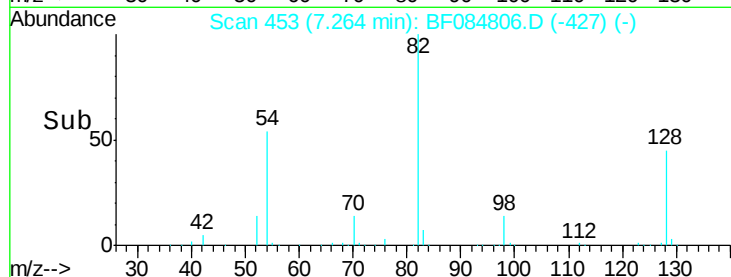
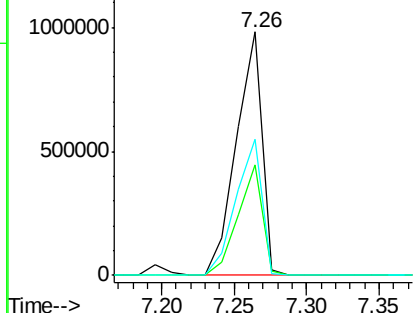
#23
 Nitrobenzene-d5
 Concen: 91.46 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.00 min
 Lab File: BF084806.D
 Acq: 4 Feb 2016 1:20

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL(11.5)MSD

Tgt Ion: 82 Resp: 1204447
 Ion Ratio Lower Upper
 82 100
 128 45.3 34.6 51.8
 54 56.0 38.4 57.6

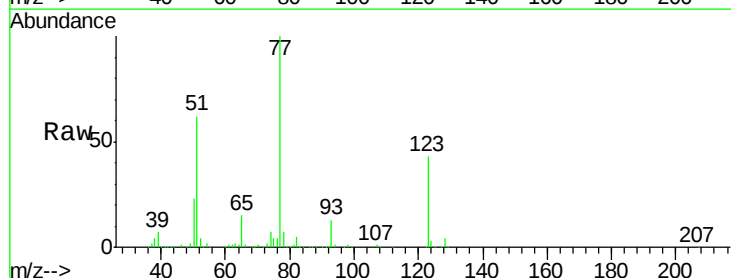


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

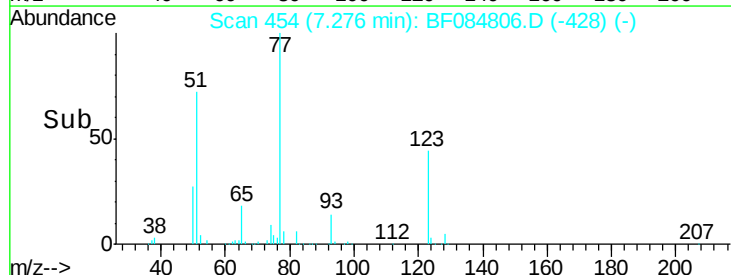
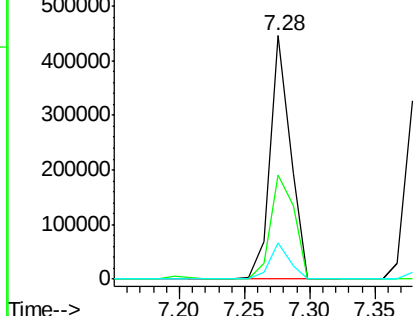


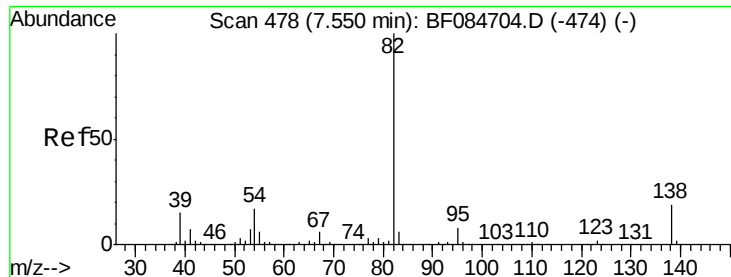
#24
 Nitrobenzene
 Concen: 34.68 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.00 min
 Lab File: BF084806.D
 Acq: 4 Feb 2016 1:20

Tgt Ion: 77 Resp: 489017
 Ion Ratio Lower Upper
 77 100
 123 42.8 37.4 56.2
 65 14.9 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: 39.35 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.00 min

Lab File: BF084806.D

Acq: 4 Feb 2016 1:20

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MSD

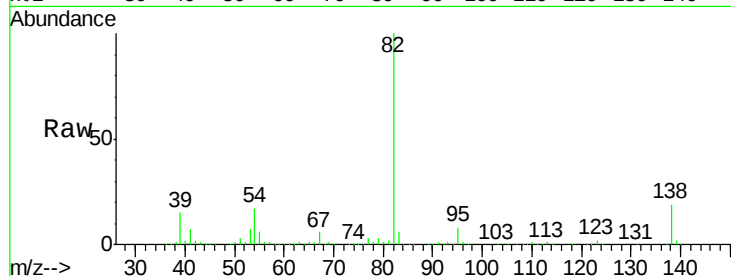
Tgt Ion: 82 Resp: 1007495

Ion Ratio Lower Upper

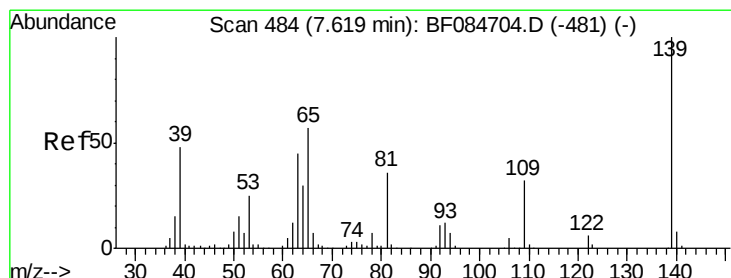
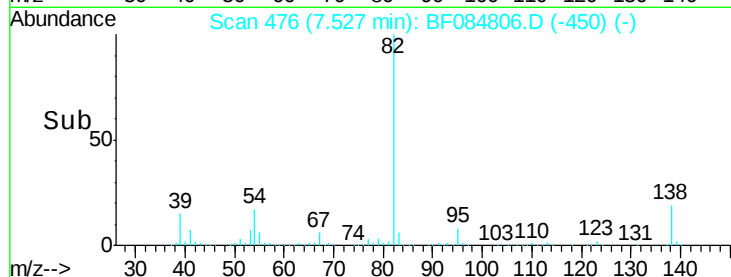
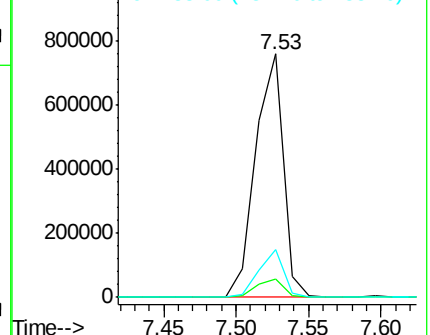
82 100

95 7.7 6.6 10.0

138 19.4 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: 40.86 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.00 min

Lab File: BF084806.D

Acq: 4 Feb 2016 1:20

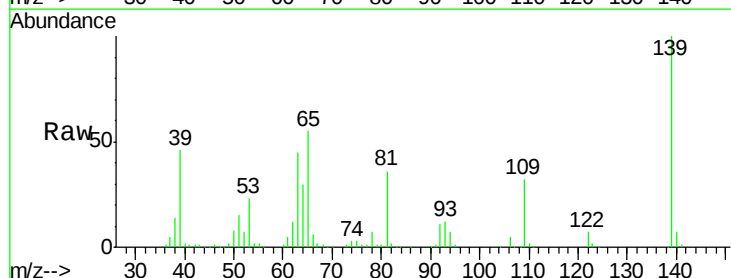
Tgt Ion: 139 Resp: 284156

Ion Ratio Lower Upper

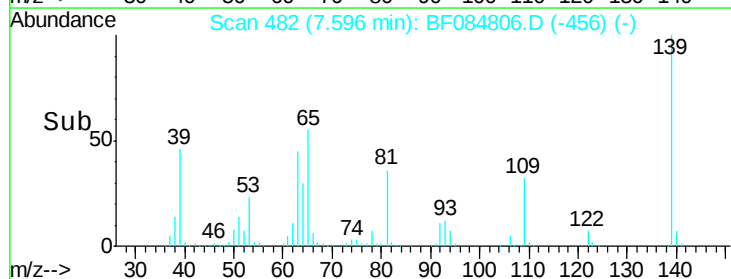
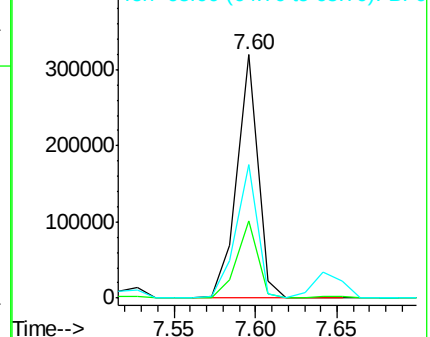
139 100

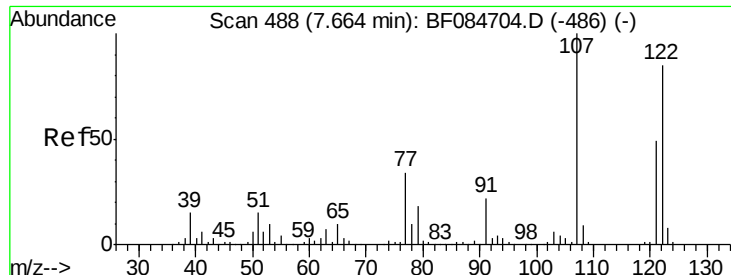
109 31.9 25.4 38.2

65 55.0 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

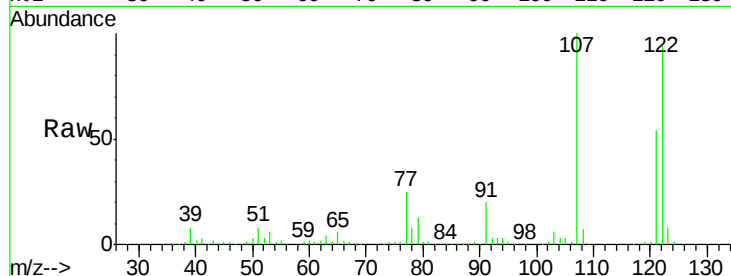




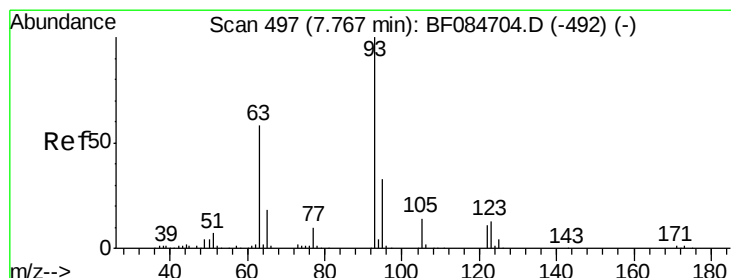
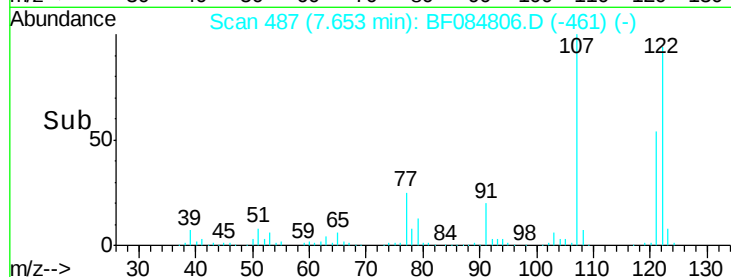
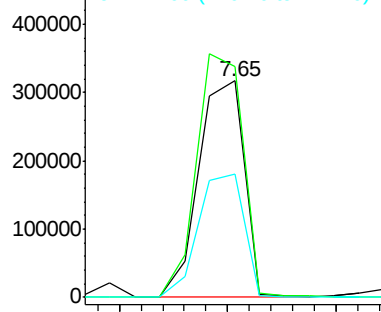
#27
2,4-Dimethylphenol
Concen: 38.20 ng
RT: 7.65 min Scan# 487
Delta R.T. -0.00 min
Lab File: BF084806.D
Acq: 4 Feb 2016 1:20

Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDEWALL(11.5)MSD

Tgt Ion:122 Resp: 462134
Ion Ratio Lower Upper
122 100
107 106.7 99.1 148.7
121 57.3 47.9 71.9

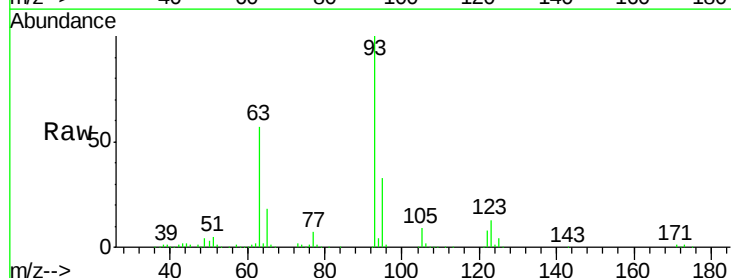


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

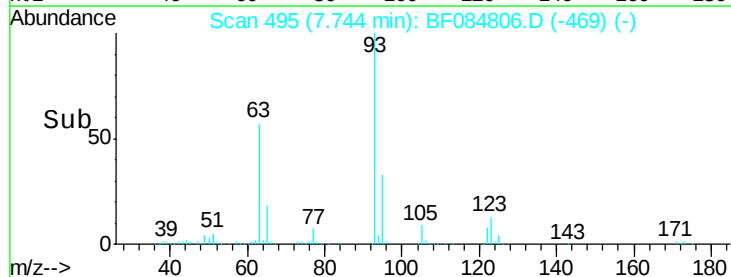
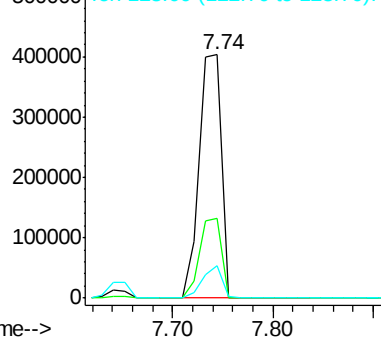


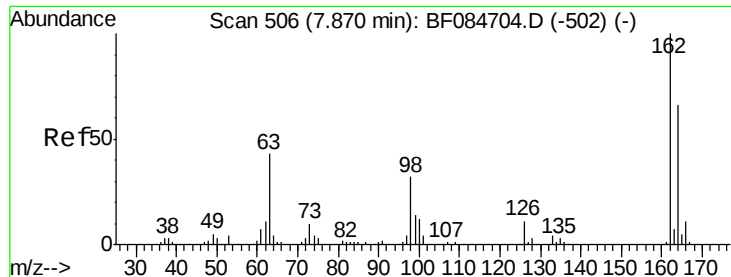
#28
bis(2-Chloroethoxy)methane
Concen: 40.70 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.00 min
Lab File: BF084806.D
Acq: 4 Feb 2016 1:20

Tgt Ion: 93 Resp: 618311
Ion Ratio Lower Upper
93 100
95 32.9 25.8 38.6
123 13.1 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

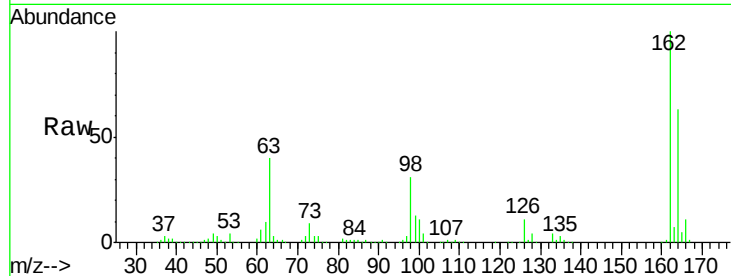




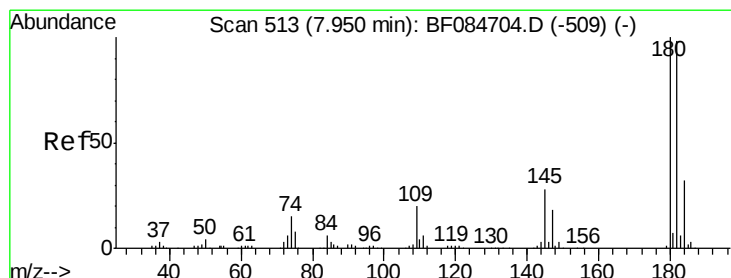
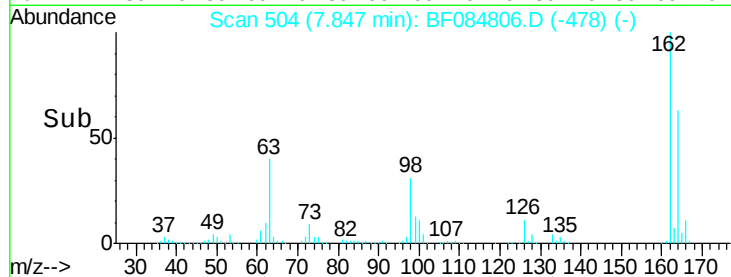
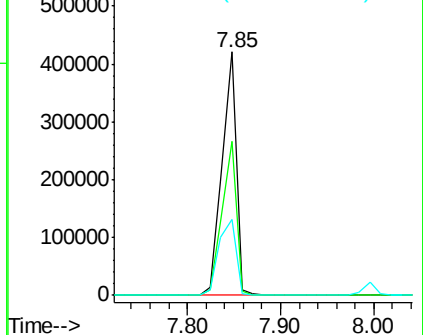
#29
 2,4-Dichlorophenol
 Concen: 42.89 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.00 min
 Lab File: BF084806.D
 Acq: 4 Feb 2016 1:20

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL(11.5)MSD

Tgt Ion:162 Resp: 443902
 Ion Ratio Lower Upper
 162 100
 164 63.2 44.1 84.1
 98 31.4 20.2 60.2

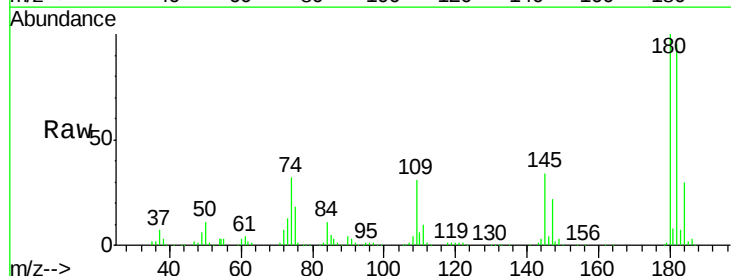


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

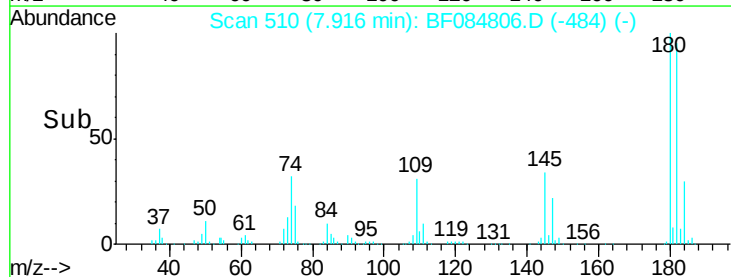
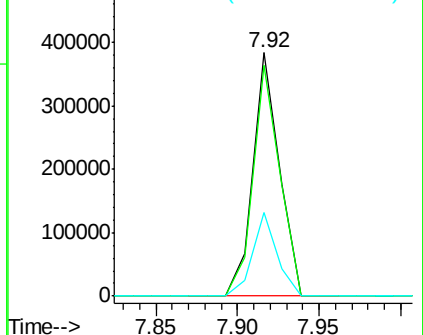


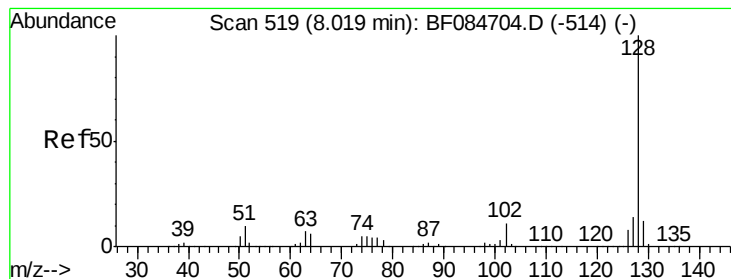
#30
 1,2,4-Trichlorobenzene
 Concen: 36.85 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: BF084806.D
 Acq: 4 Feb 2016 1:20

Tgt Ion:180 Resp: 430870
 Ion Ratio Lower Upper
 180 100
 182 94.9 76.4 114.6
 145 34.2 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: 36.88 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF084806.D

Acq: 4 Feb 2016 1:20

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MSD

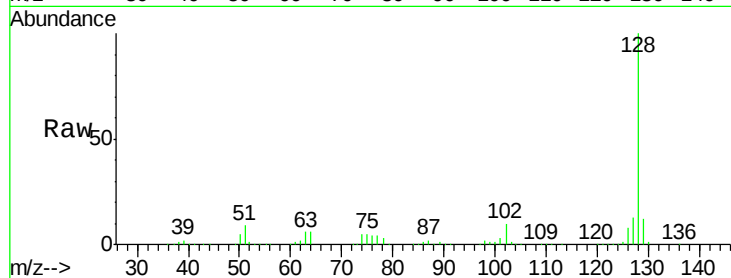
Tgt Ion:128 Resp: 1372385

Ion Ratio Lower Upper

128 100

129 11.7 9.1 13.7

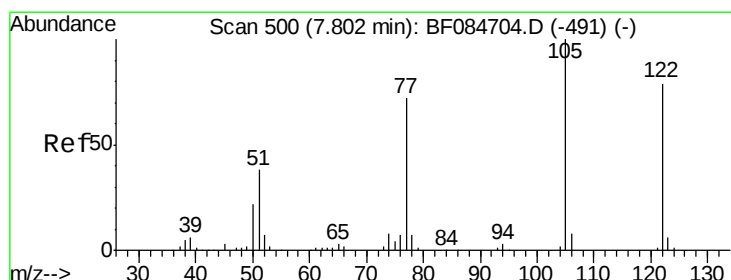
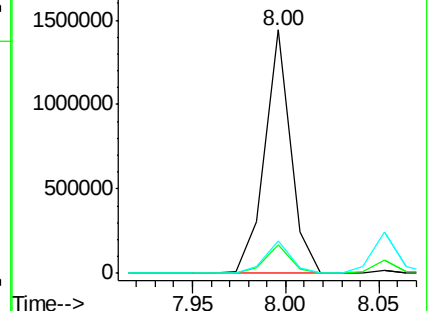
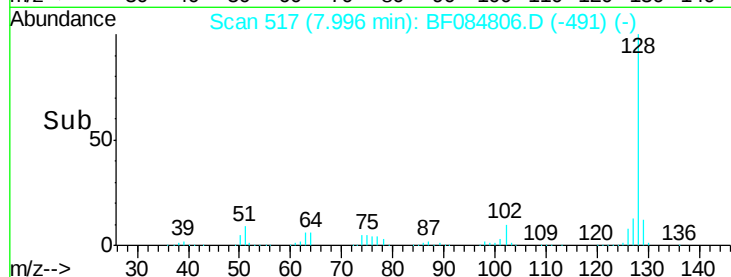
127 13.5 11.1 16.7



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: 10.47 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.03 min

Lab File: BF084806.D

Acq: 4 Feb 2016 1:20

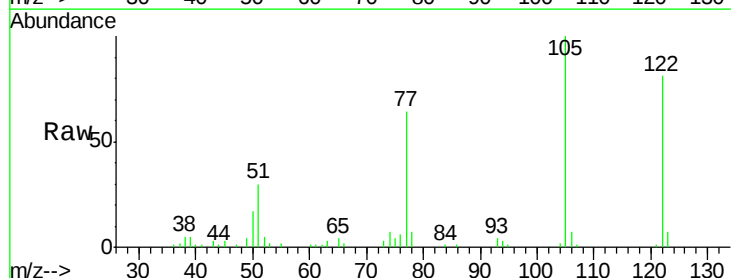
Tgt Ion:122 Resp: 81023

Ion Ratio Lower Upper

122 100

105 124.1 100.3 140.3

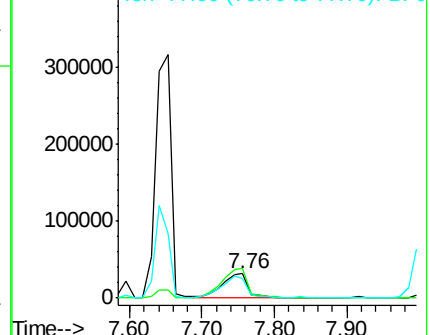
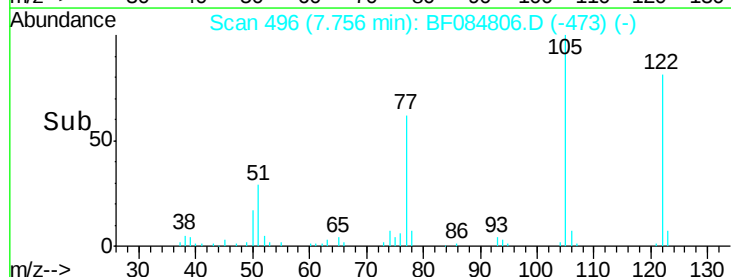
77 79.2 63.5 103.5

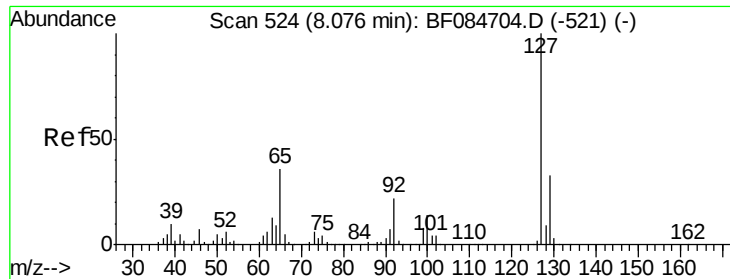


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

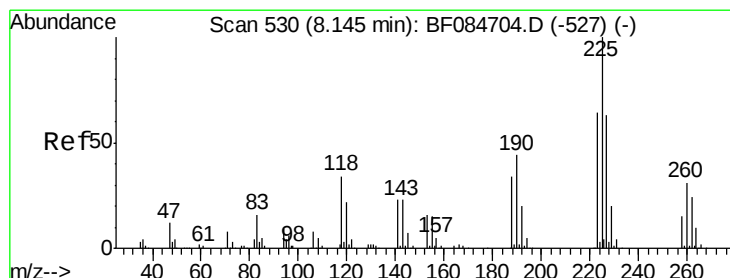
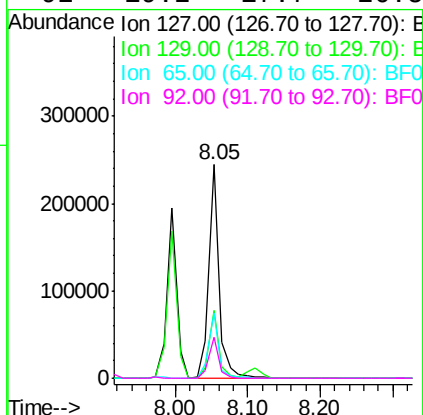
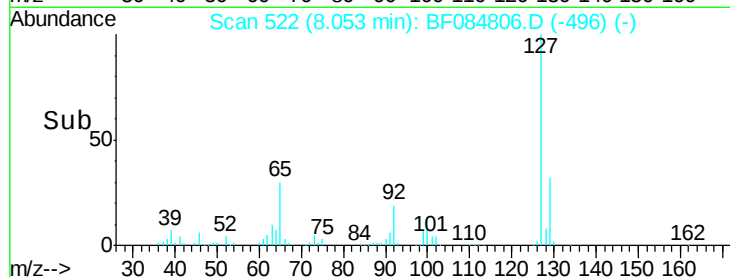
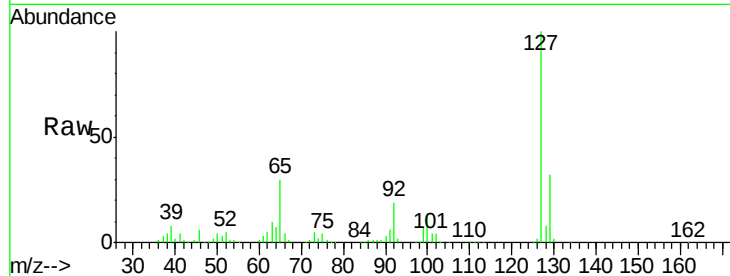




#33
4-Chloroaniline
Concen: 15.72 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF084806.D
Acq: 4 Feb 2016 1:20

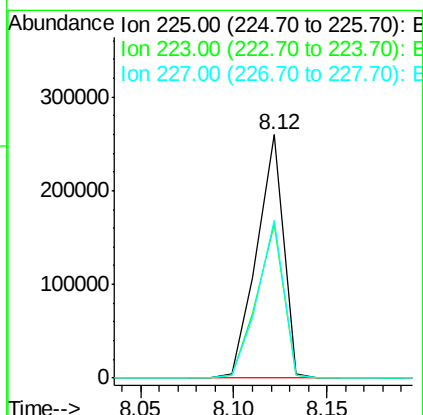
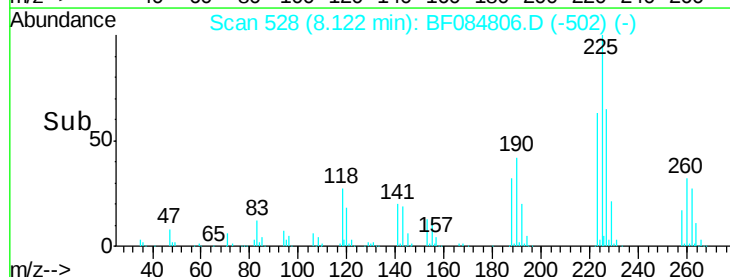
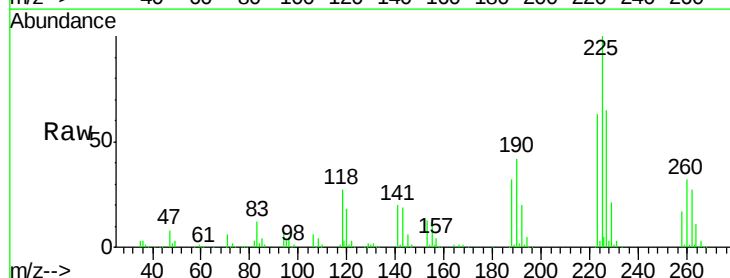
Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDEWALL(11.5)MSD

Tgt Ion:	127	Resp:	241883
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.5	39.7
65	30.3	27.2	40.8
92	19.2	17.7	26.5



#34
Hexachlorobutadiene
Concen: 38.27 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF084806.D
Acq: 4 Feb 2016 1:20

Tgt Ion:	225	Resp:	257972
Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.4	74.0
227	64.8	50.8	76.2





#35

Caprolactam

Concen: 27.19 ng

RT: 8.43 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF084806.D

Acq: 4 Feb 2016 1:20

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MSD

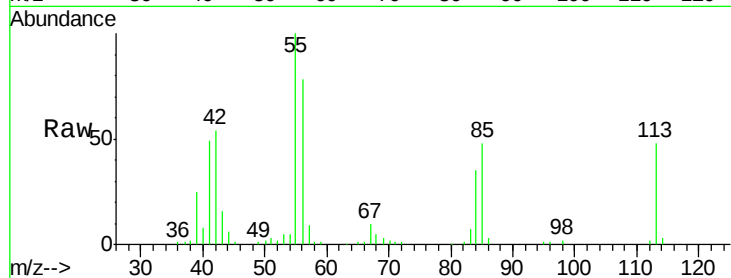
Tgt Ion:113 Resp: 86754

Ion Ratio Lower Upper

113 100

55 208.5 116.9 156.9#

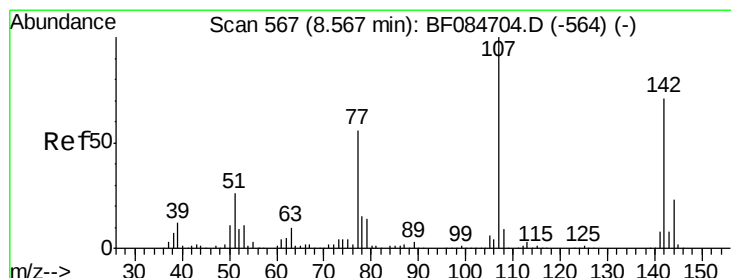
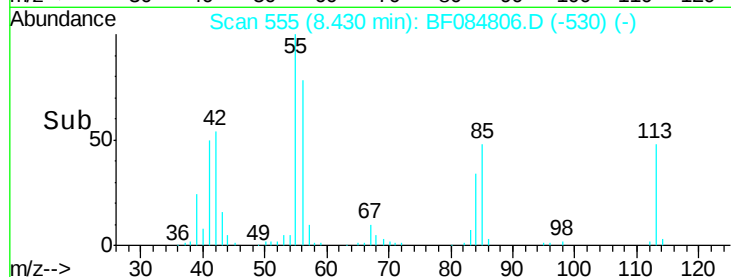
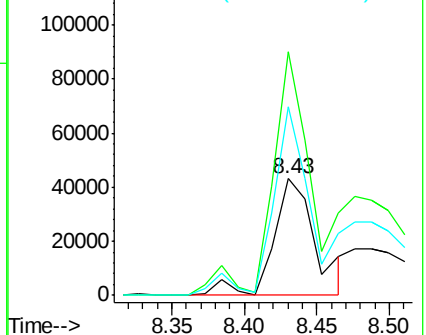
56 161.7 93.8 133.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.42 ng

RT: 8.56 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF084806.D

Acq: 4 Feb 2016 1:20

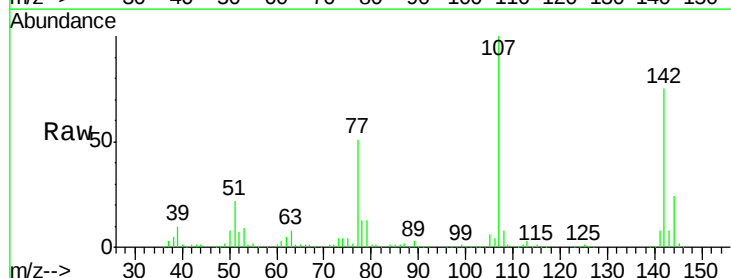
Tgt Ion:107 Resp: 500906

Ion Ratio Lower Upper

107 100

144 24.4 19.7 29.5

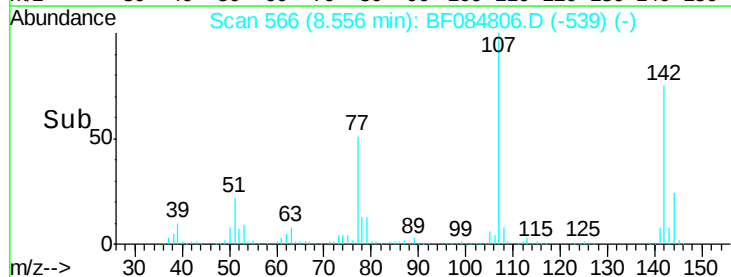
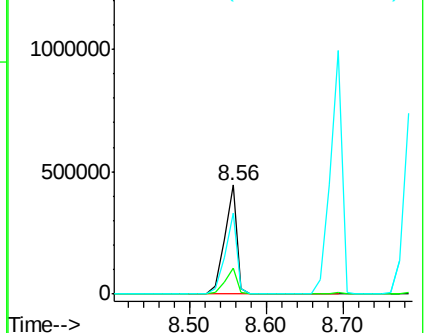
142 74.7 61.8 92.6

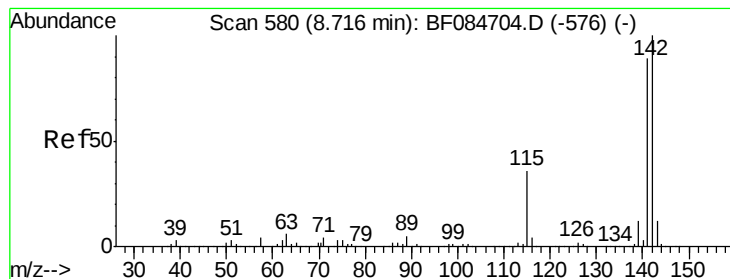


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.46 ng

RT: 8.69 min Scan# 578

Delta R.T. -0.00 min

Lab File: BF084806.D

Acq: 4 Feb 2016 1:20

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MSD

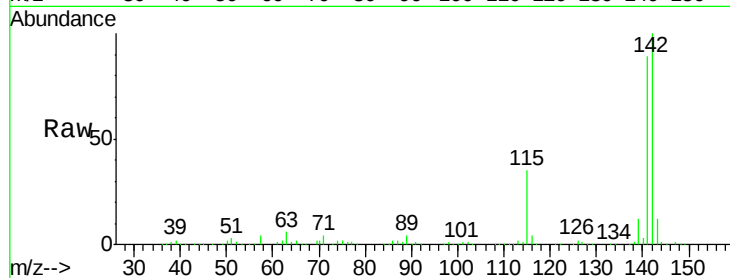
Tgt Ion:142 Resp: 1035361

Ion Ratio Lower Upper

142 100

141 89.0 72.4 108.6

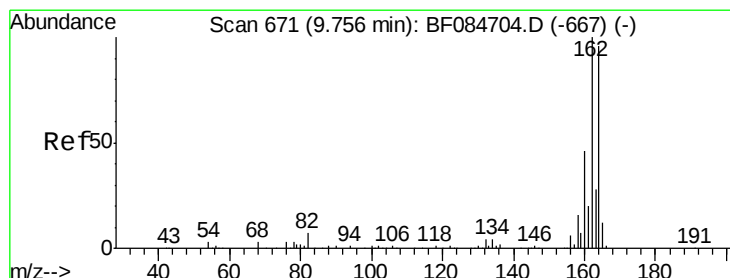
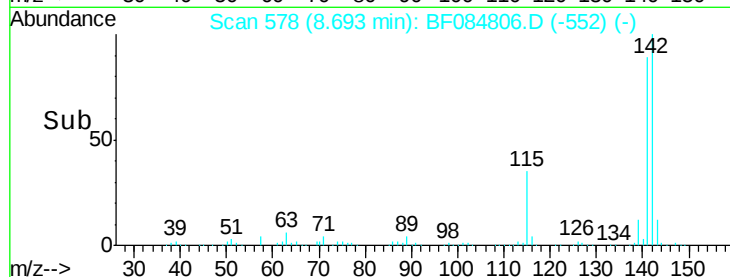
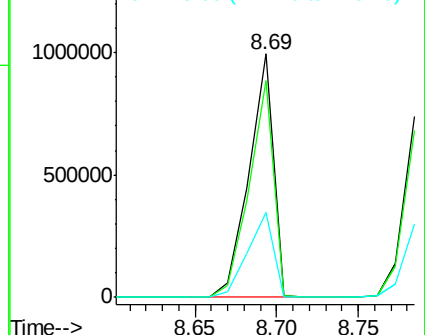
115 34.9 27.9 41.9



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: 9.73 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF084806.D

Acq: 4 Feb 2016 1:20

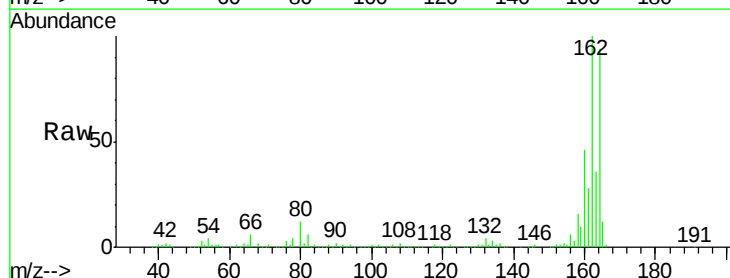
Tgt Ion:164 Resp: 343214

Ion Ratio Lower Upper

164 100

162 106.9 85.1 127.7

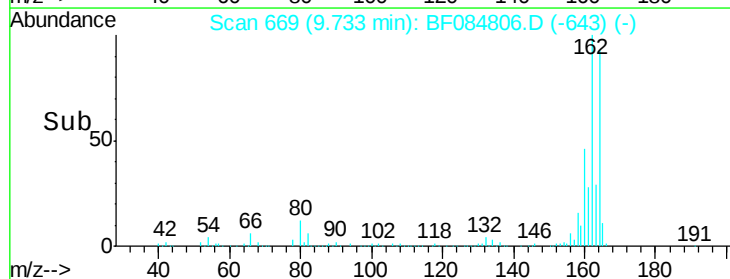
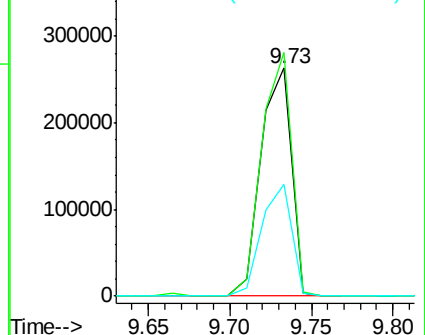
160 48.9 37.5 56.3

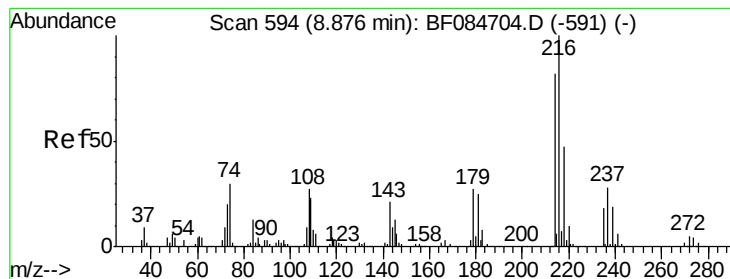


Abundance Ion 164.00 (163.70 to 164.70): E

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: 35.31 ng

RT: 8.85 min Scan# 592

Delta R.T. -0.00 min

Lab File: BF084806.D

Acq: 4 Feb 2016 1:20

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MSD

Tgt Ion:216 Resp: 384852

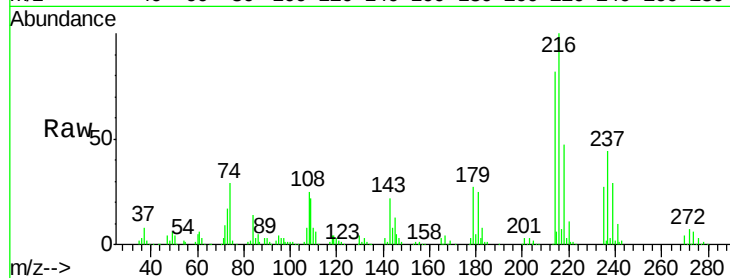
Ion Ratio Lower Upper

216 100

214 79.5 64.2 96.2

179 23.0 18.7 28.1

108 21.9 16.8 25.2

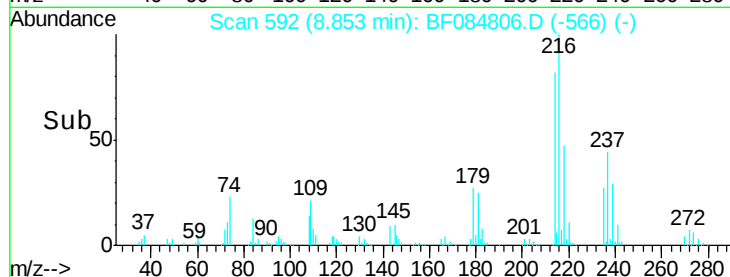


Abundance Ion 216.00 (215.70 to 216.70): E

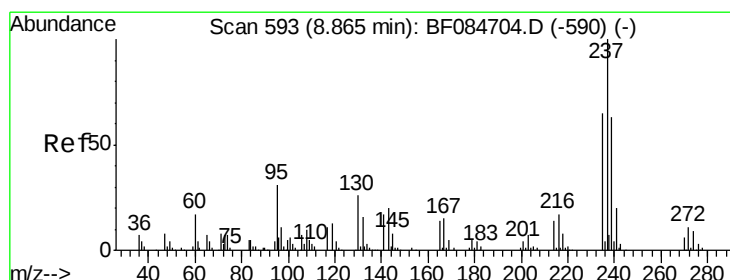
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 78.40 ng

RT: 8.84 min Scan# 591

Delta R.T. -0.00 min

Lab File: BF084806.D

Acq: 4 Feb 2016 1:20

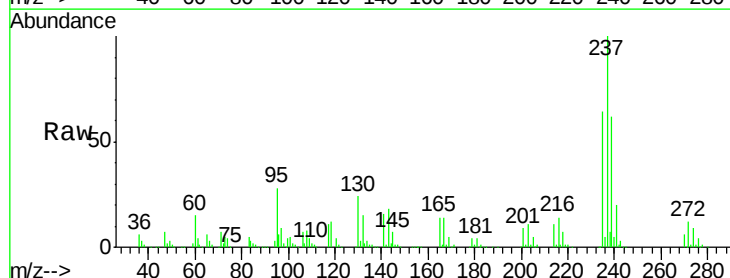
Tgt Ion:237 Resp: 374169

Ion Ratio Lower Upper

237 100

235 63.8 43.1 83.1

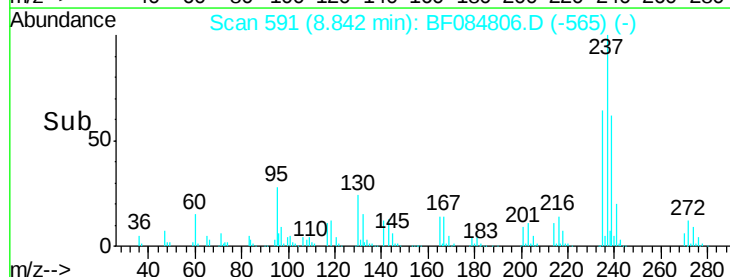
272 11.7 0.0 35.1



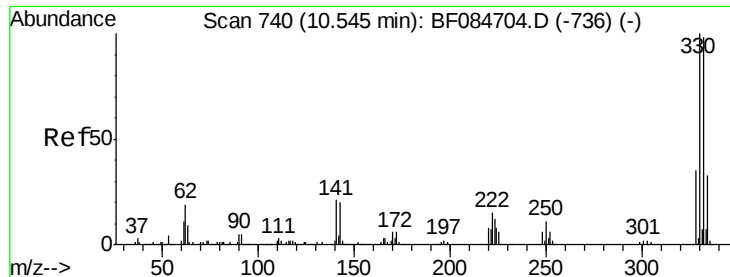
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



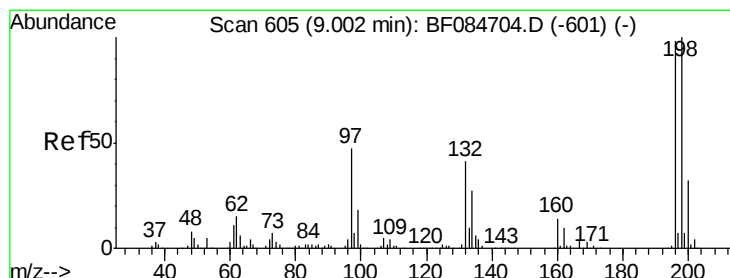
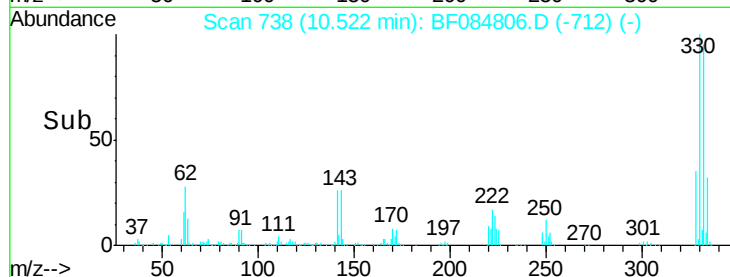
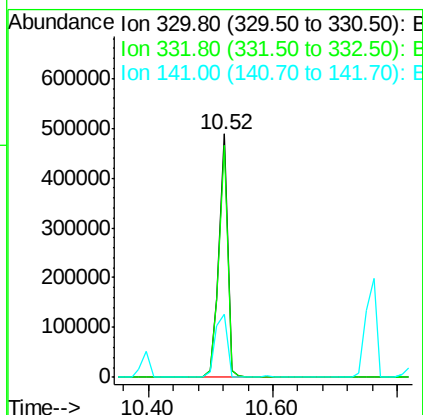
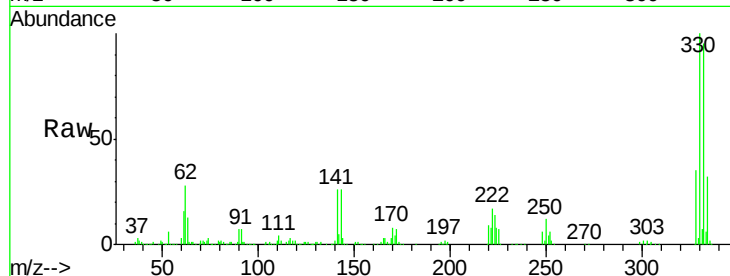
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 131.51 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF084806.D
 Acq: 4 Feb 2016 1:20

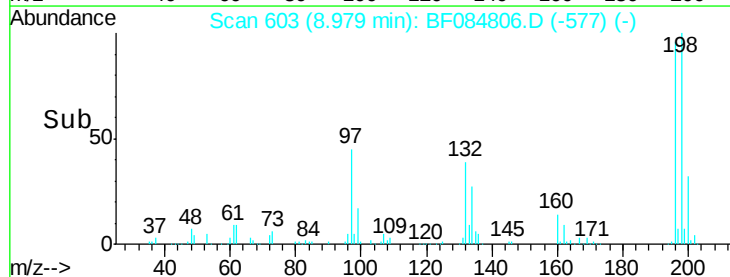
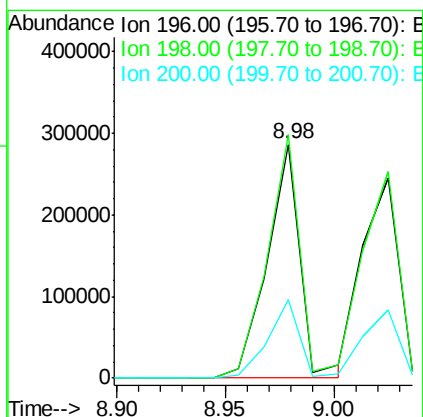
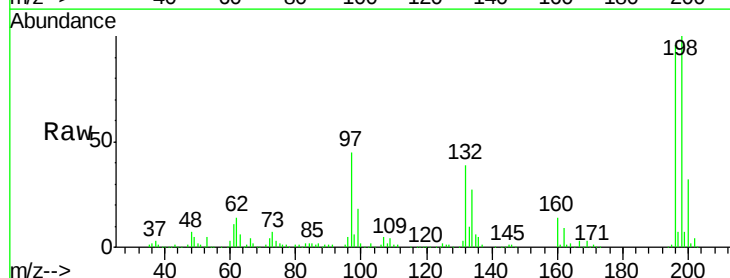
Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL(11.5)MSD

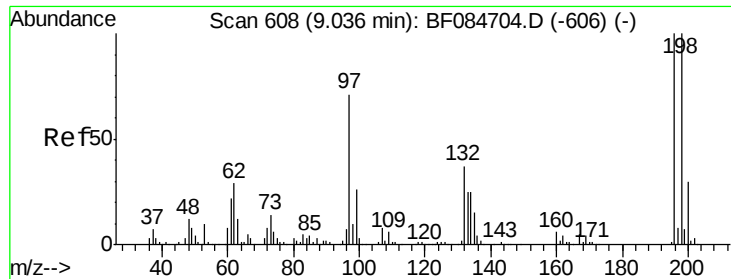
Tgt Ion:330 Resp: 470813
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 114.8
 141 35.6 27.8 41.6



#42
 2,4,6-Trichlorophenol
 Concen: 43.40 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF084806.D
 Acq: 4 Feb 2016 1:20

Tgt Ion:196 Resp: 304759
 Ion Ratio Lower Upper
 196 100
 198 104.1 77.7 116.5
 200 33.3 24.6 37.0

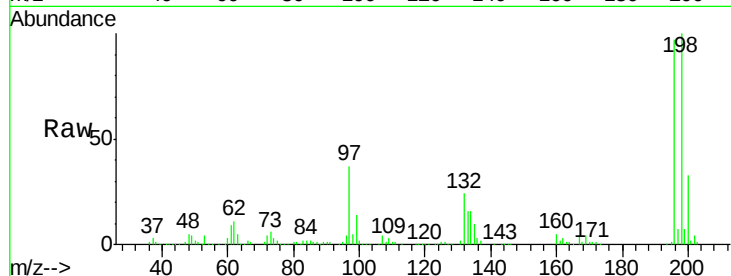




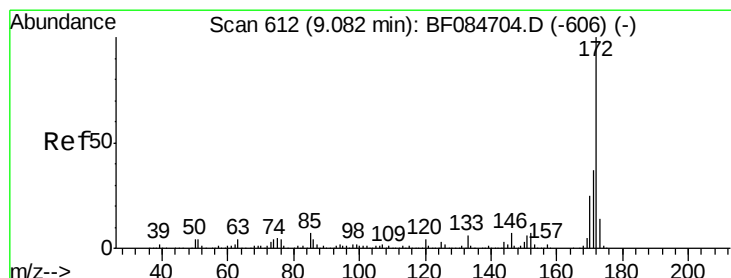
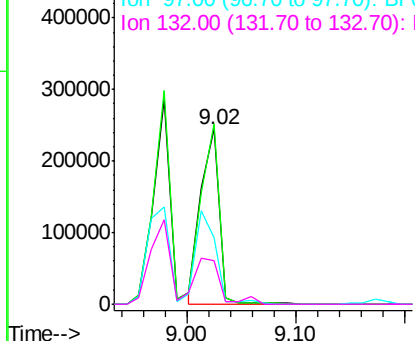
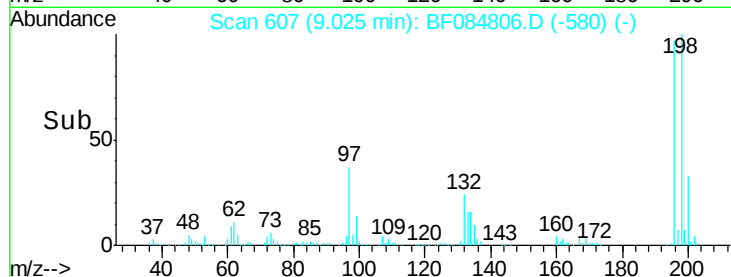
#43
 2,4,5-Trichlorophenol
 Concen: 40.50 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: BF084806.D
 Acq: 4 Feb 2016 1:20

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL(11.5)MSD

Tgt Ion:196 Resp: 288972
 Ion Ratio Lower Upper
 196 100
 198 103.2 79.0 118.6
 97 38.1 33.0 49.6
 132 25.2 21.1 31.7

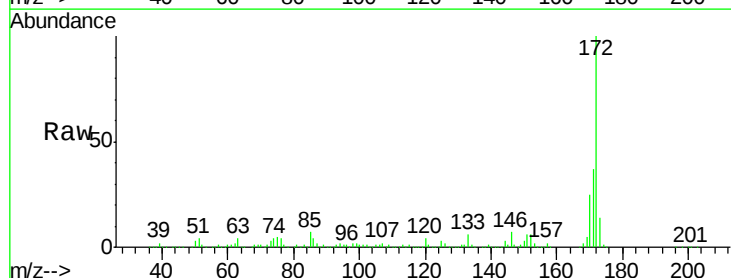


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

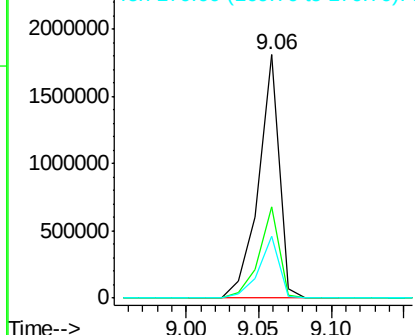
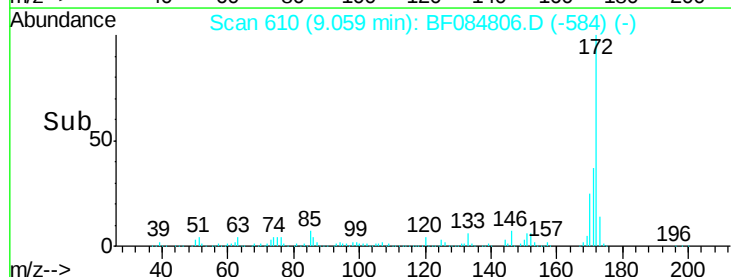


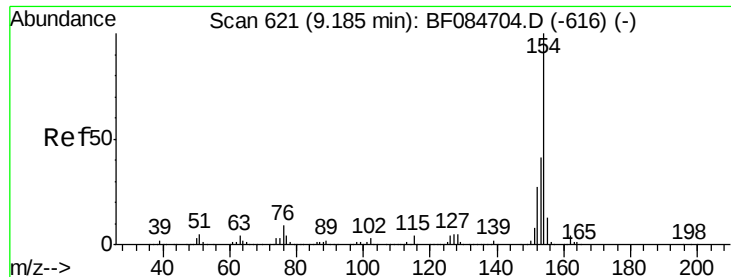
#44
 2-Fluorobiphenyl
 Concen: 89.49 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF084806.D
 Acq: 4 Feb 2016 1:20

Tgt Ion:172 Resp: 1791621
 Ion Ratio Lower Upper
 172 100
 171 37.4 28.9 43.3
 170 25.5 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: 38.09 ng

RT: 9.16 min Scan# 619

Delta R.T. -0.00 min

Lab File: BF084806.D

Acq: 4 Feb 2016 1:20

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MSD

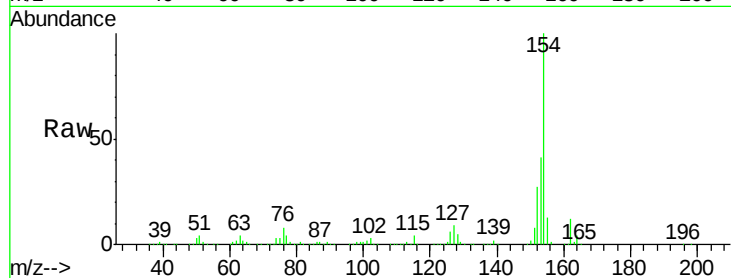
Tgt Ion:154 Resp: 1167766

Ion Ratio Lower Upper

154 100

153 40.7 21.6 61.6

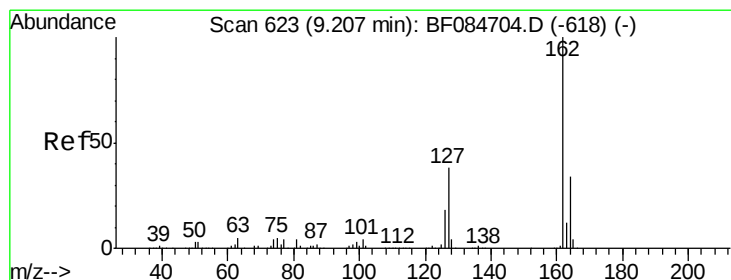
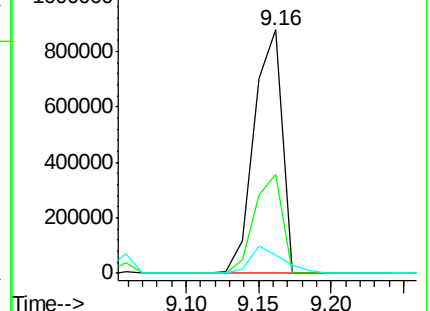
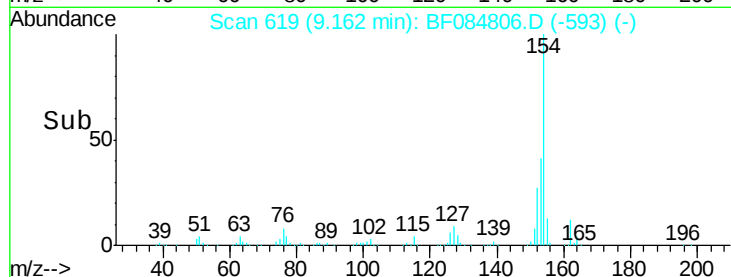
76 7.6 0.0 32.7



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: 38.25 ng

RT: 9.17 min Scan# 620

Delta R.T. -0.00 min

Lab File: BF084806.D

Acq: 4 Feb 2016 1:20

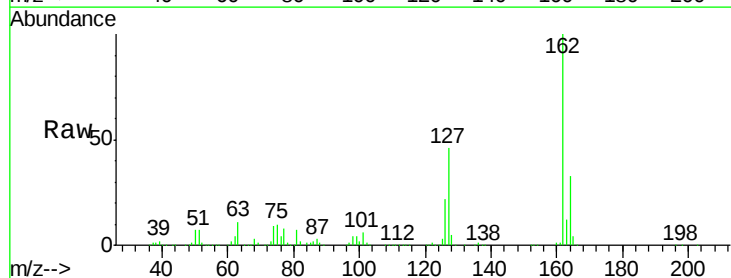
Tgt Ion:162 Resp: 863499

Ion Ratio Lower Upper

162 100

127 45.9 40.2 60.4

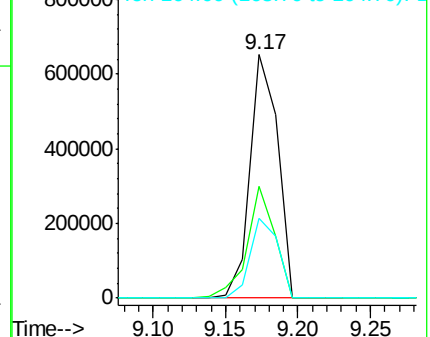
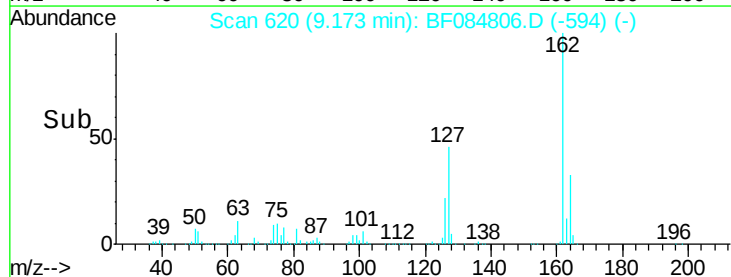
164 32.8 25.7 38.5

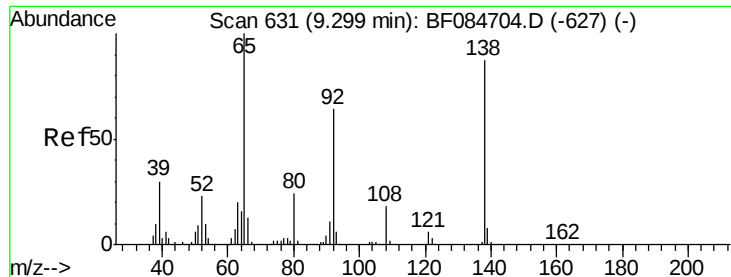


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.19 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF084806.D

Acq: 4 Feb 2016 1:20

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MSD

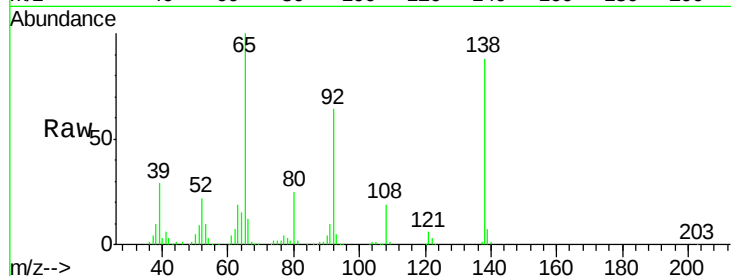
Tgt Ion: 65 Resp: 280144

Ion Ratio Lower Upper

65 100

92 64.0 53.4 80.2

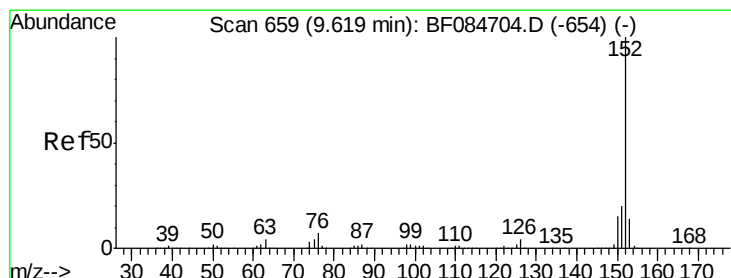
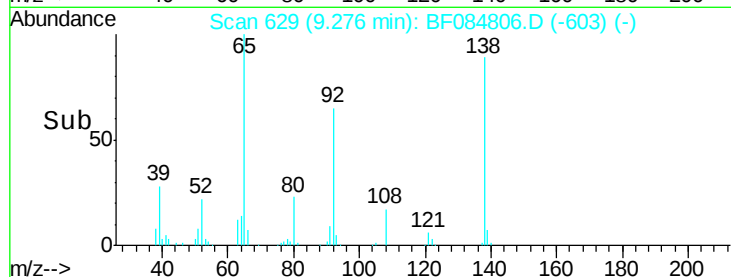
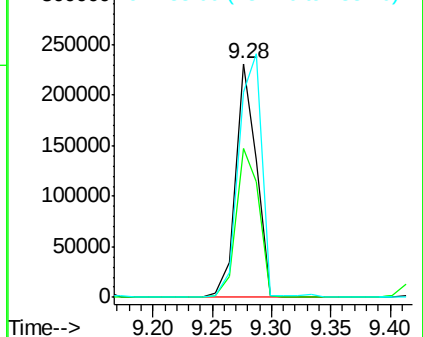
138 87.9 71.1 106.7



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 39.12 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.00 min

Lab File: BF084806.D

Acq: 4 Feb 2016 1:20

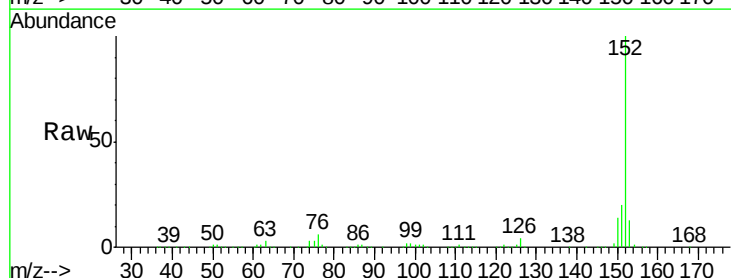
Tgt Ion: 152 Resp: 1340279

Ion Ratio Lower Upper

152 100

151 19.8 16.3 24.5

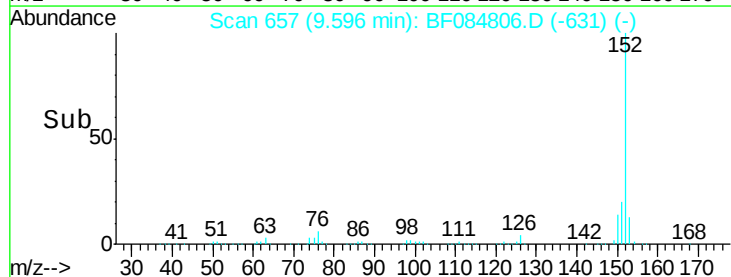
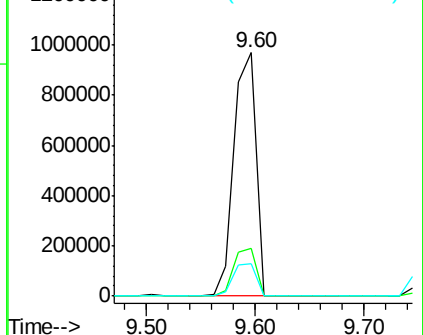
153 13.4 10.4 15.6

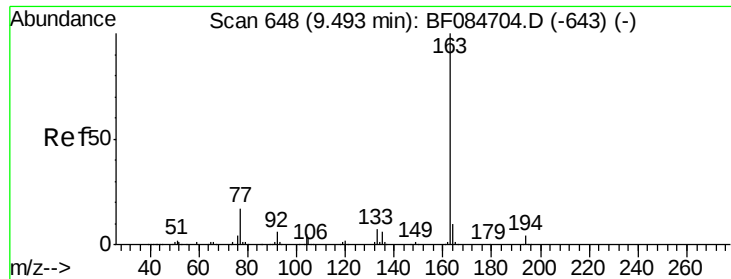


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 50.41 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF084806.D

Acq: 4 Feb 2016 1:20

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MSD

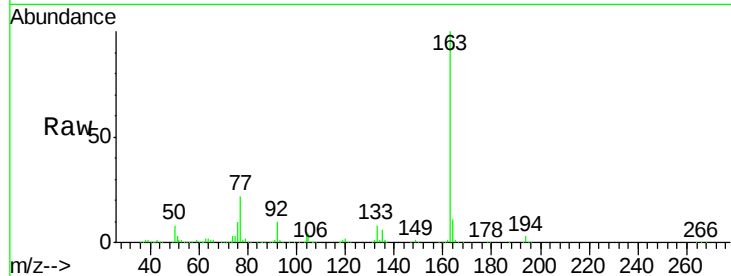
Tgt Ion:163 Resp: 1317869

Ion Ratio Lower Upper

163 100

194 3.3 8.0 12.0#

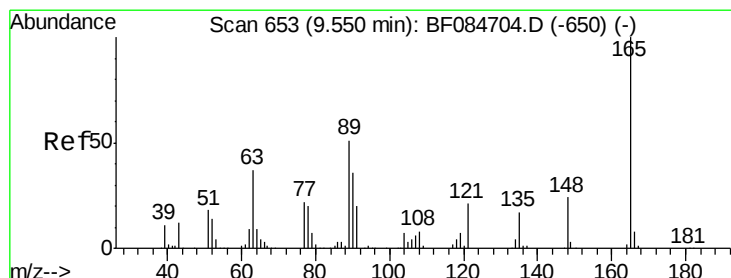
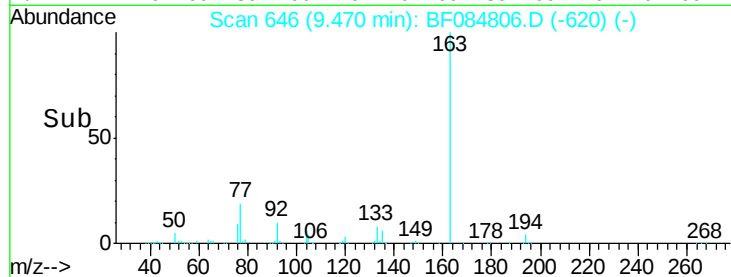
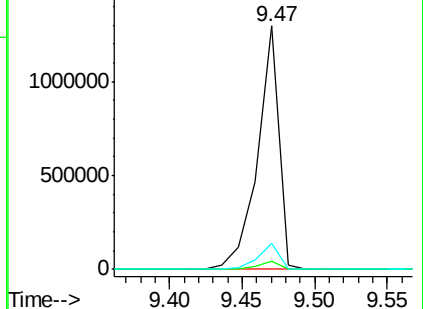
164 10.5 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.70 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF084806.D

Acq: 4 Feb 2016 1:20

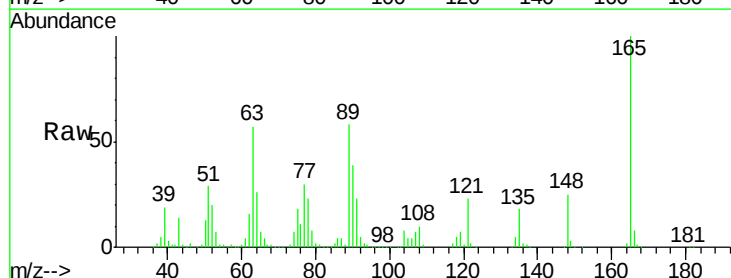
Tgt Ion:165 Resp: 243826

Ion Ratio Lower Upper

165 100

63 57.3 28.8 43.2#

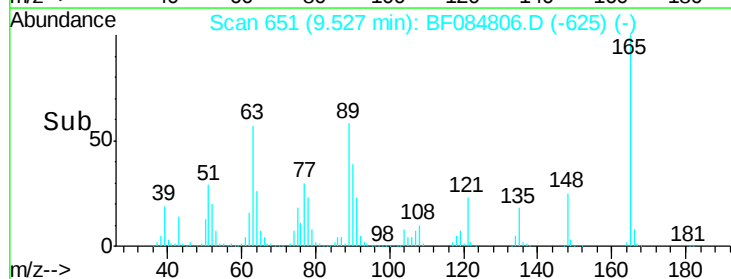
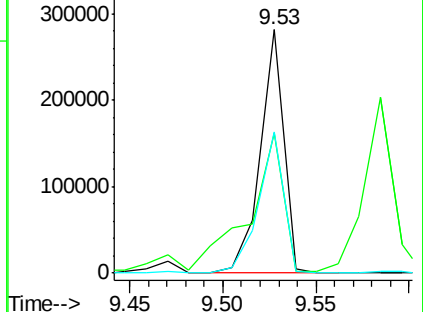
89 58.2 35.1 52.7#

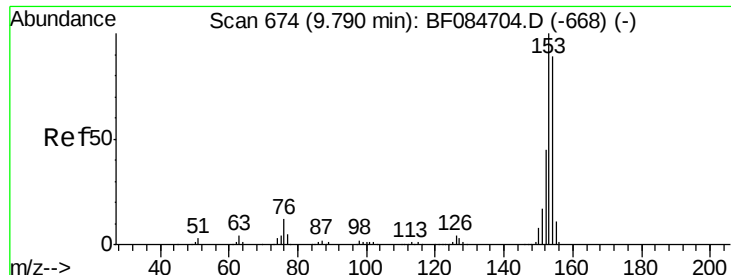


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.01 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF084806.D

Acq: 4 Feb 2016 1:20

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MSD

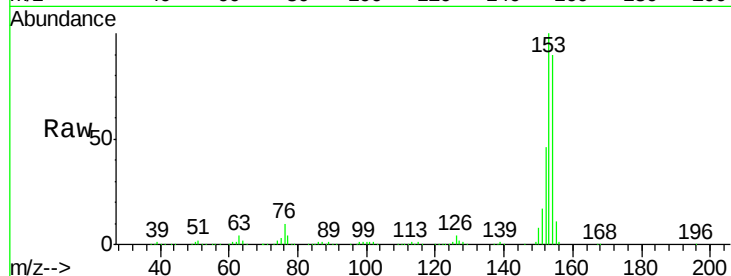
Tgt Ion:154 Resp: 869548

Ion Ratio Lower Upper

154 100

153 110.8 91.5 137.3

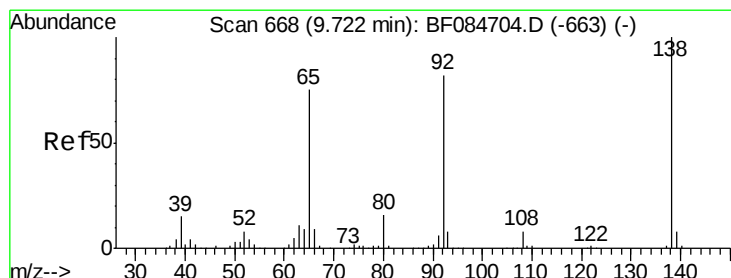
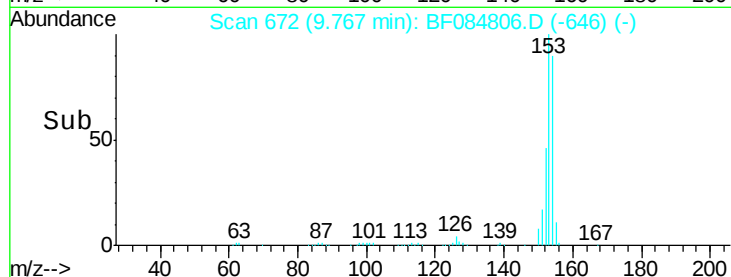
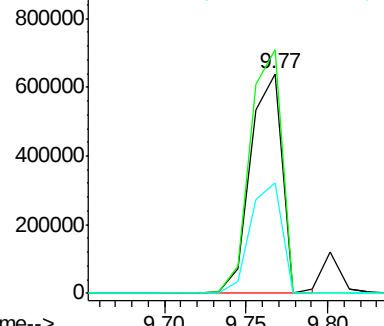
152 50.5 43.0 64.6



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: 25.29 ng

RT: 9.69 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF084806.D

Acq: 4 Feb 2016 1:20

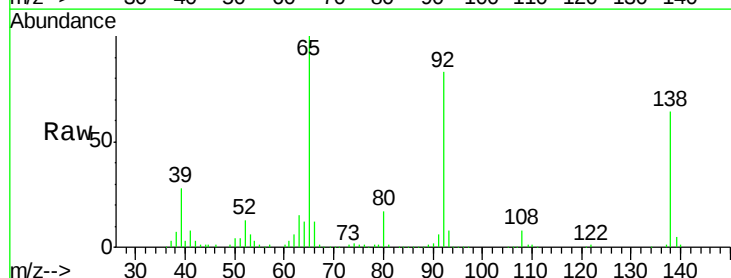
Tgt Ion:138 Resp: 162274

Ion Ratio Lower Upper

138 100

108 11.7 10.5 15.7

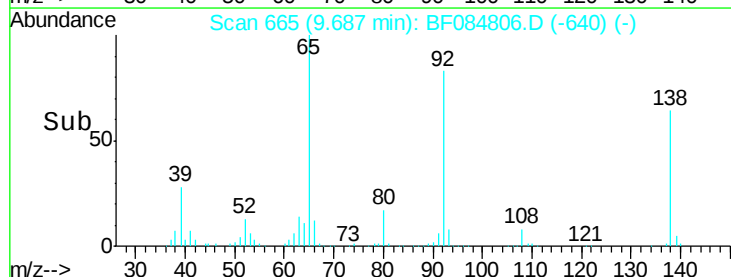
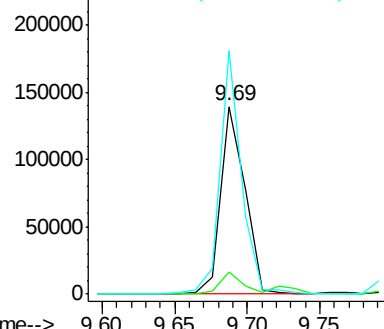
92 129.5 103.9 155.9

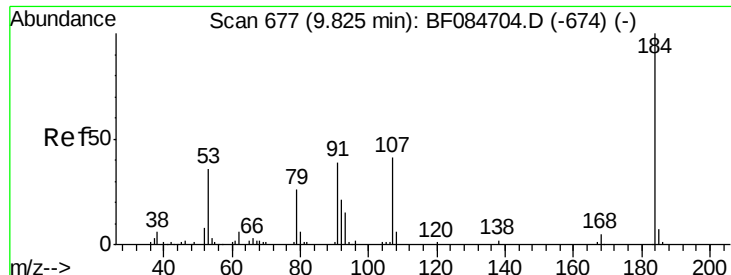


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

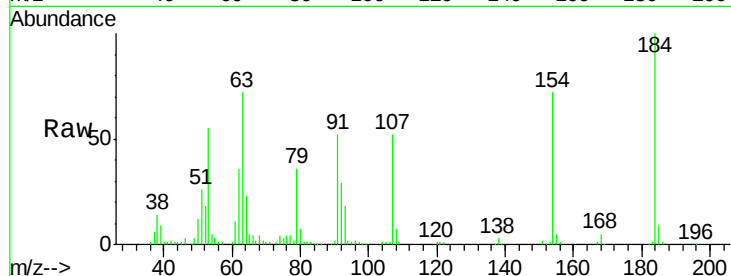




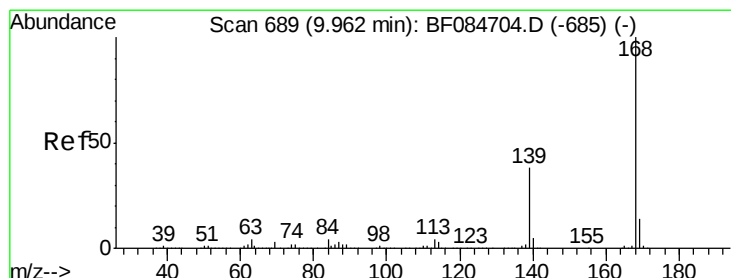
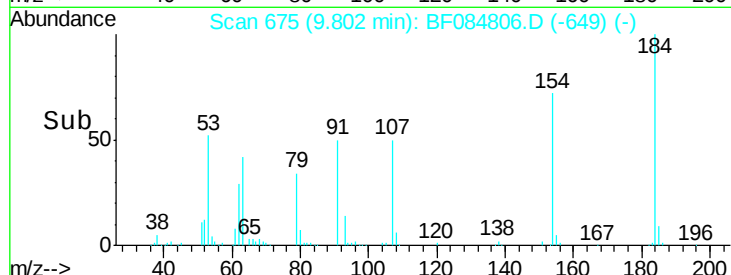
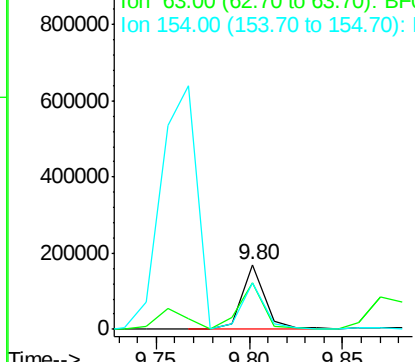
#53
 2,4-Dinitrophenol
 Concen: 58.28 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: BF084806.D
 Acq: 4 Feb 2016 1:20

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL(11.5)MSD

Tgt Ion:184 Resp: 149128
 Ion Ratio Lower Upper
 184 100
 63 72.5 43.1 64.7#
 154 72.2 60.5 90.7

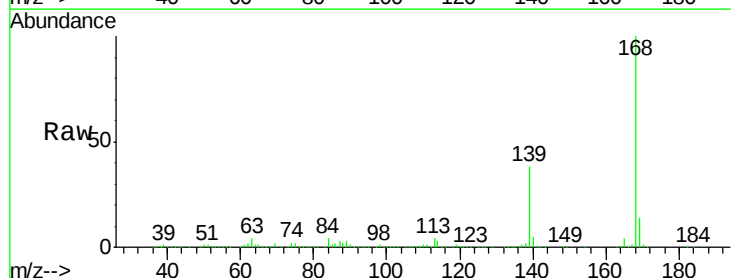


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

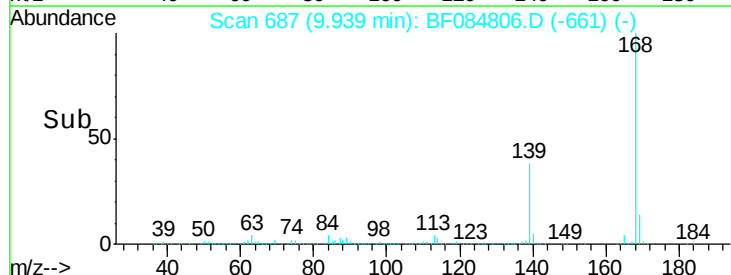
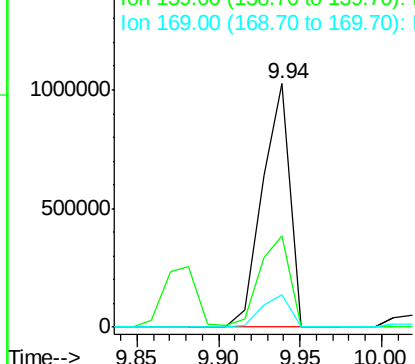


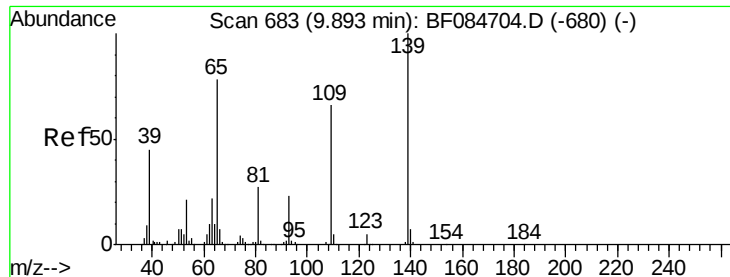
#54
 Dibenzofuran
 Concen: 43.89 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.00 min
 Lab File: BF084806.D
 Acq: 4 Feb 2016 1:20

Tgt Ion:168 Resp: 1195530
 Ion Ratio Lower Upper
 168 100
 139 37.6 30.5 45.7
 169 13.5 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

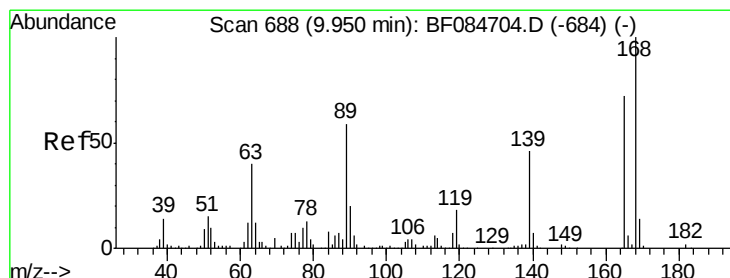
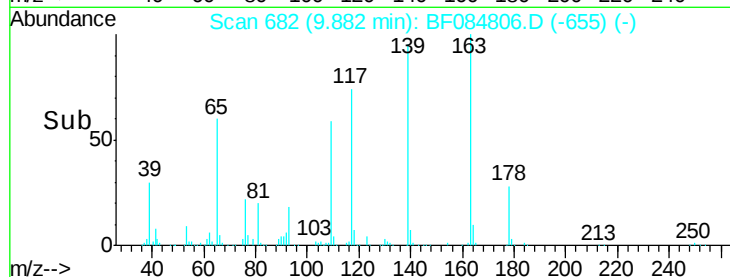
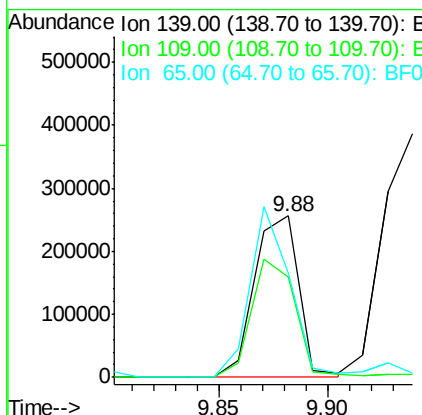
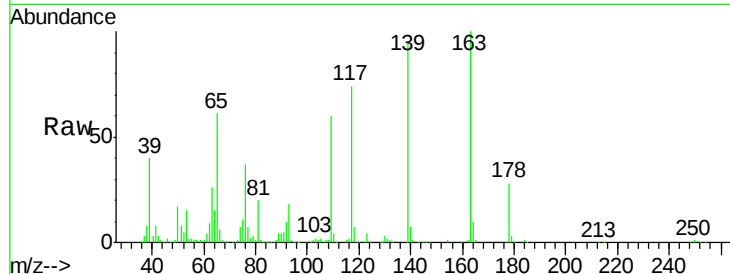




#55
4-Nitrophenol
Concen: 77.50 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.01 min
Lab File: BF084806.D
Acq: 4 Feb 2016 1:20

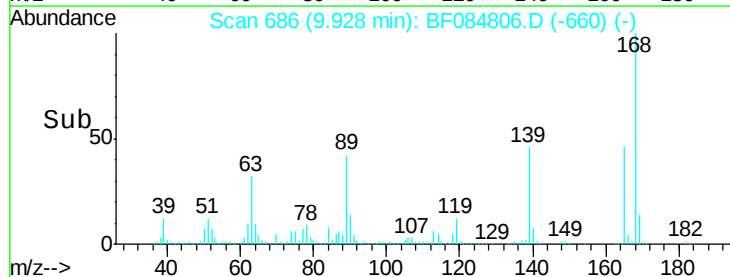
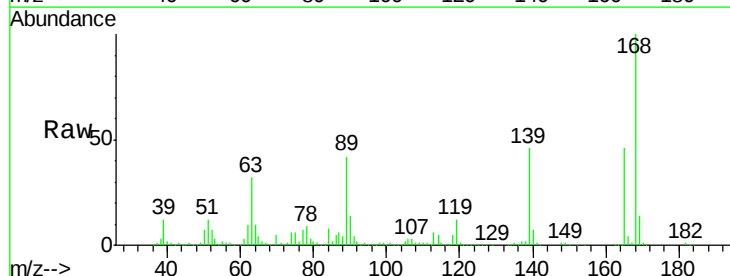
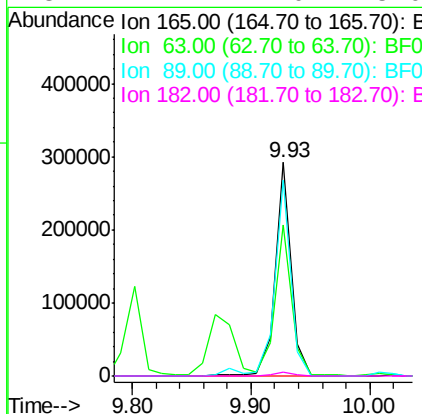
Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDEWALL(11.5)MSD

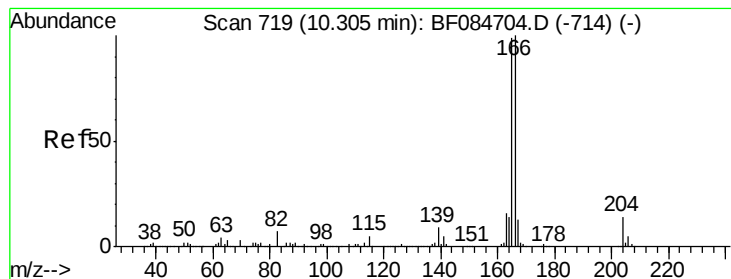
Tgt Ion:139 Resp: 365499
Ion Ratio Lower Upper
139 100
109 62.5 58.5 98.5
65 64.5 57.6 97.6



#56
2,4-Dinitrotoluene
Concen: 37.48 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF084806.D
Acq: 4 Feb 2016 1:20

Tgt Ion:165 Resp: 273009
Ion Ratio Lower Upper
165 100
63 70.6 36.7 55.1#
89 91.7 61.9 92.9
182 2.1 2.0 3.0





#57

Fluorene

Concen: 38.63 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF084806.D

Acq: 4 Feb 2016 1:20

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MSD

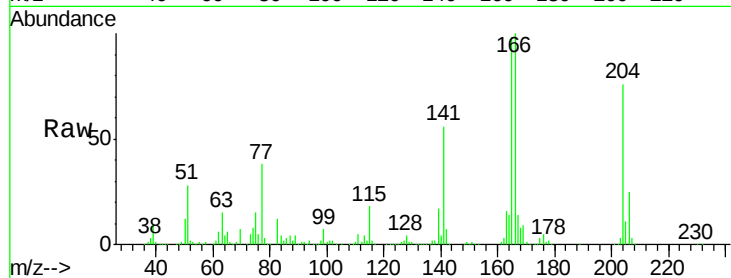
Tgt Ion:166 Resp: 878651

Ion Ratio Lower Upper

166 100

165 97.9 79.1 118.7

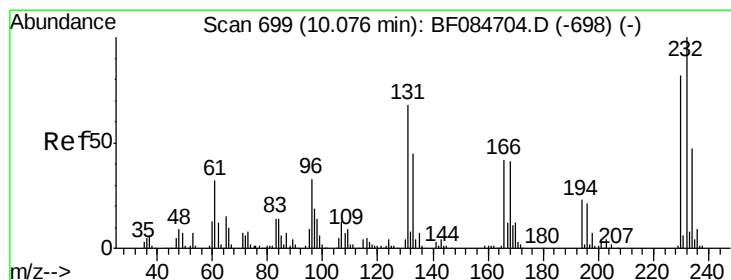
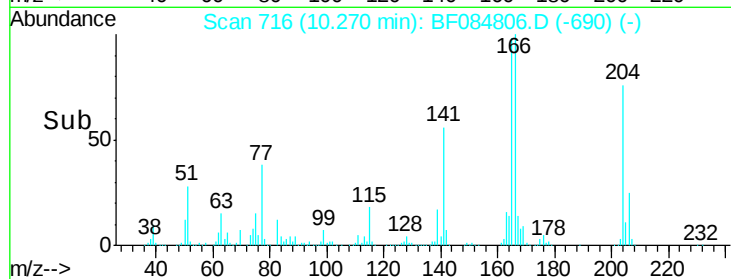
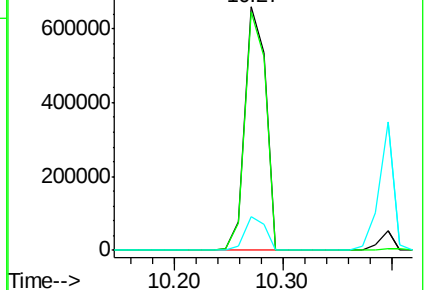
167 14.1 10.4 15.6



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: 43.62 ng

RT: 10.05 min Scan# 697

Delta R.T. -0.00 min

Lab File: BF084806.D

Acq: 4 Feb 2016 1:20

Tgt Ion:232 Resp: 236941

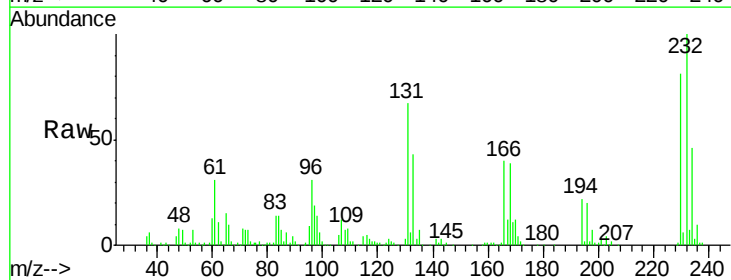
Ion Ratio Lower Upper

232 100

131 51.5 47.0 70.6

130 2.5 2.0 3.0

166 32.5 30.5 45.7

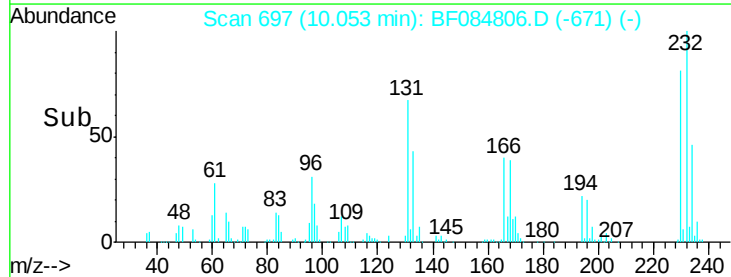
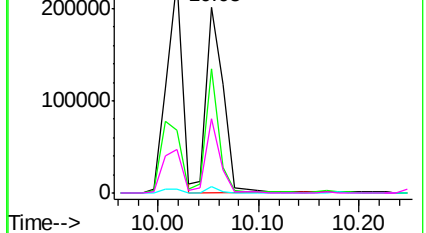


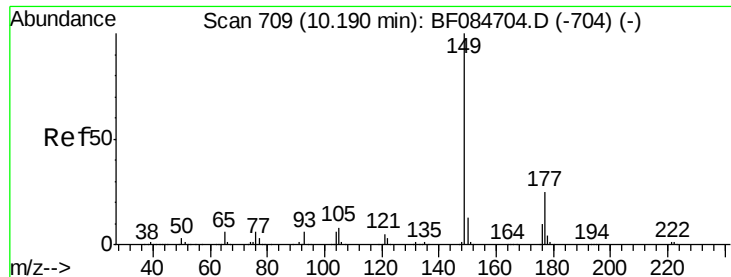
Abundance Ion 232.00 (231.70 to 232.70): E

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

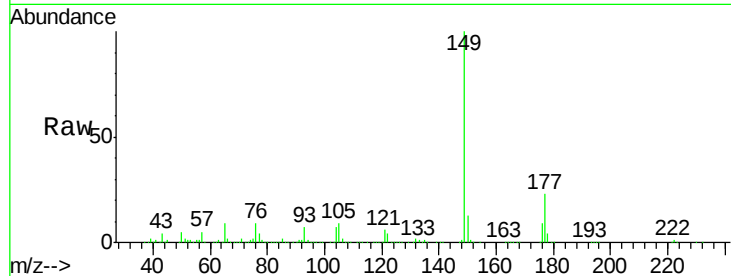




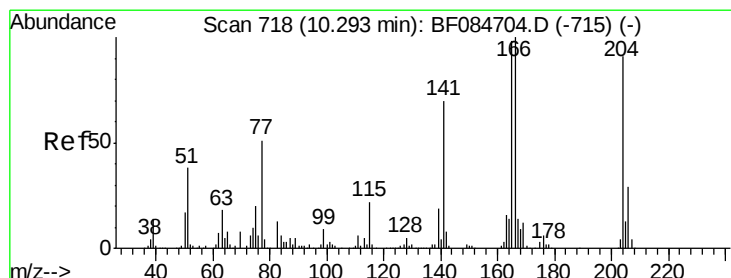
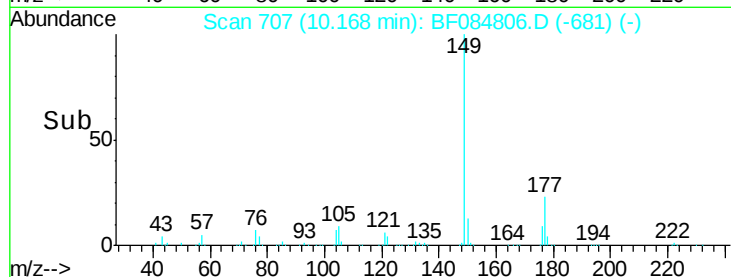
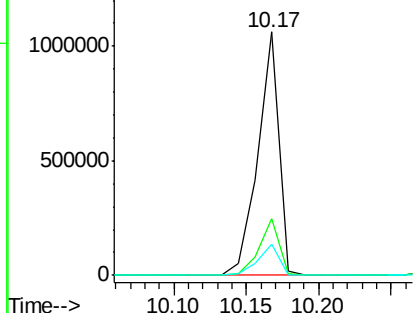
#59
Diethylphthalate
Concen: 41.67 ng
RT: 10.17 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF084806.D
Acq: 4 Feb 2016 1:20

Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDEWALL(11.5)MSD

Tgt Ion:149 Resp: 1063680
Ion Ratio Lower Upper
149 100
177 23.1 17.3 25.9
150 12.7 9.8 14.8

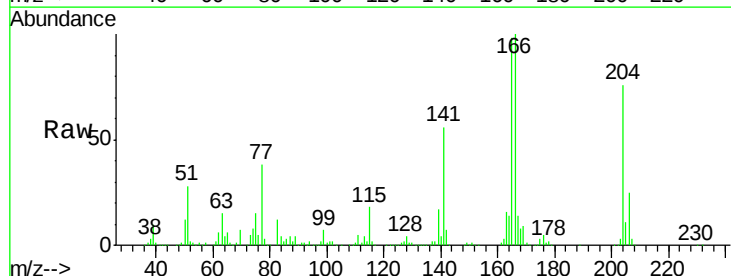


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

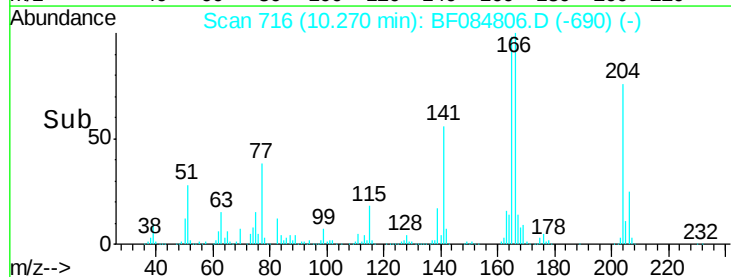
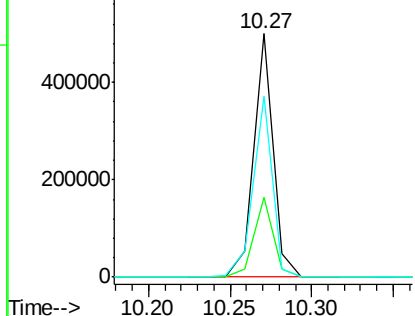


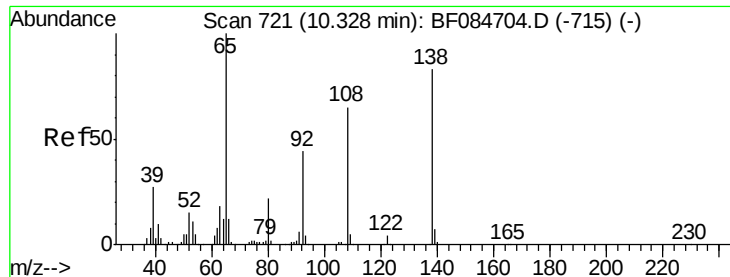
#60
4-Chlorophenyl-phenylether
Concen: 43.08 ng
RT: 10.27 min Scan# 716
Delta R.T. -0.00 min
Lab File: BF084806.D
Acq: 4 Feb 2016 1:20

Tgt Ion:204 Resp: 414711
Ion Ratio Lower Upper
204 100
206 32.6 25.7 38.5
141 74.2 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

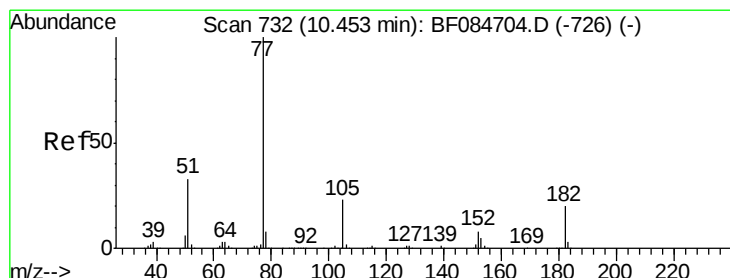
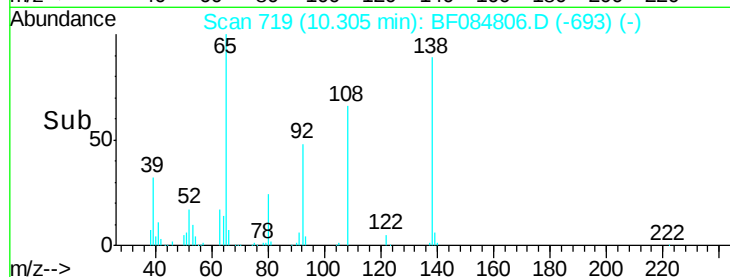
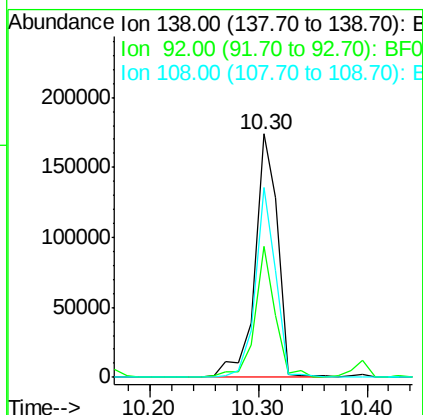
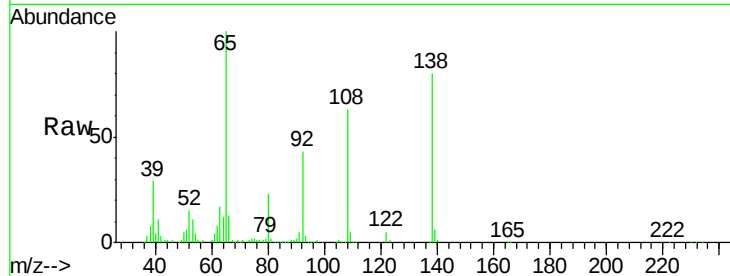




#61
4-Nitroaniline
Concen: 40.60 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.00 min
Lab File: BF084806.D
Acq: 4 Feb 2016 1:20

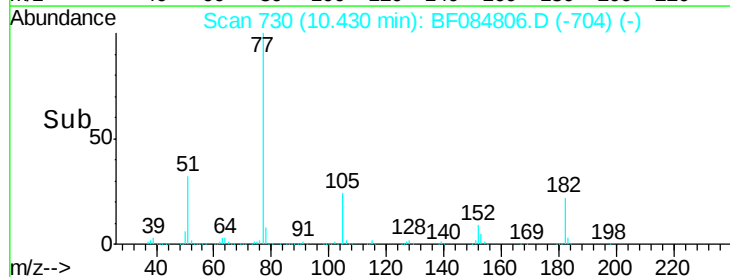
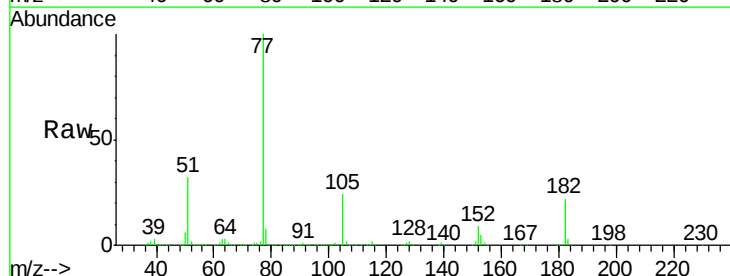
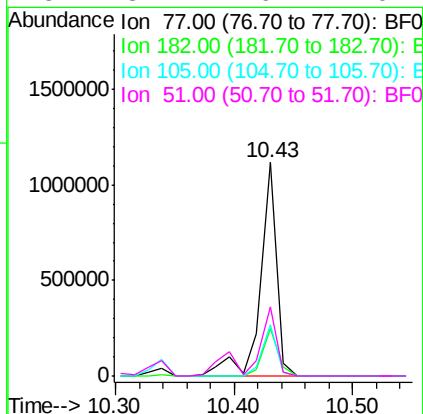
Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDEWALL(11.5)MSD

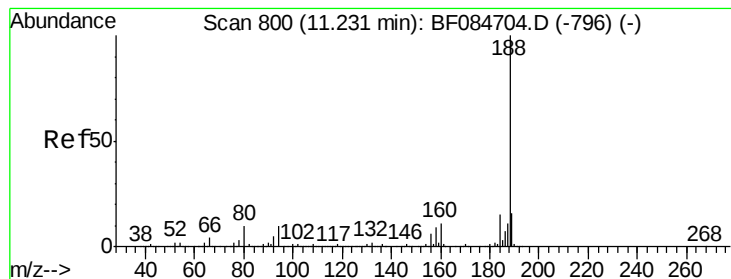
Tgt Ion: 138 Resp: 253879
Ion Ratio Lower Upper
138 100
92 53.8 32.6 72.6
108 78.2 68.6 108.6



#62
Azobenzene
Concen: 44.17 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF084806.D
Acq: 4 Feb 2016 1:20

Tgt Ion: 77 Resp: 1084053
Ion Ratio Lower Upper
77 100
182 22.3 8.3 48.3
105 24.1 4.6 44.6
51 32.4 6.2 46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF084806.D

Acq: 4 Feb 2016 1:20

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MSD

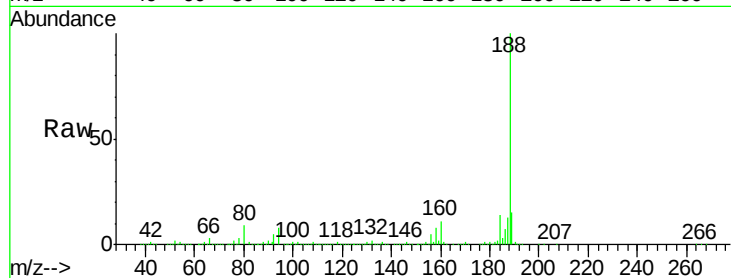
Tgt Ion:188 Resp: 659002

Ion Ratio Lower Upper

188 100

94 8.3 9.0 13.4#

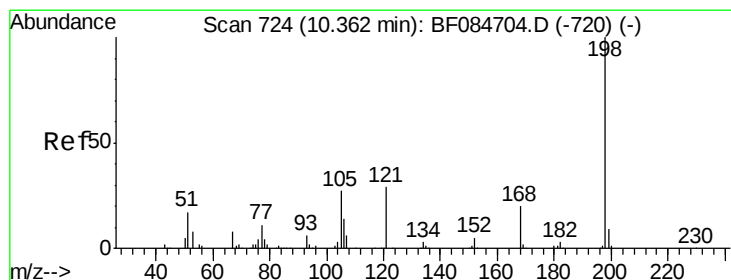
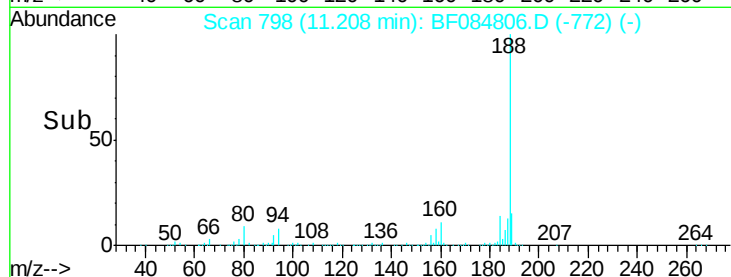
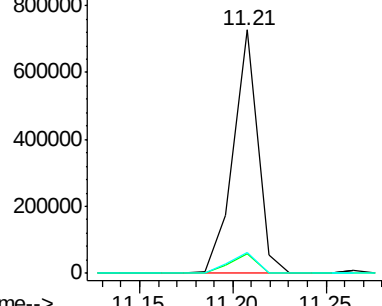
80 8.7 9.6 14.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 44.16 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF084806.D

Acq: 4 Feb 2016 1:20

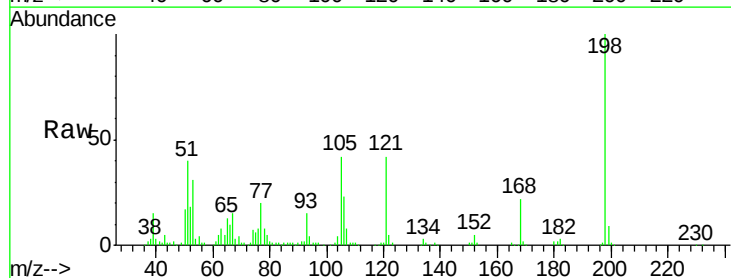
Tgt Ion:198 Resp: 179618

Ion Ratio Lower Upper

198 100

51 39.9 18.9 58.9

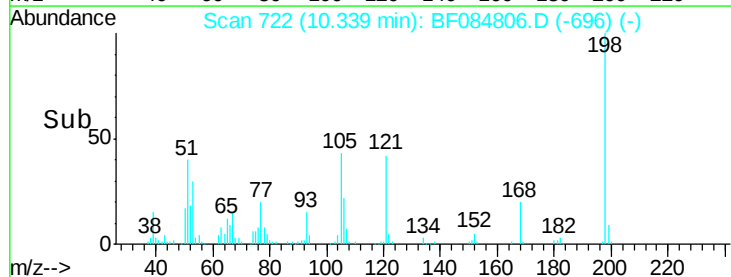
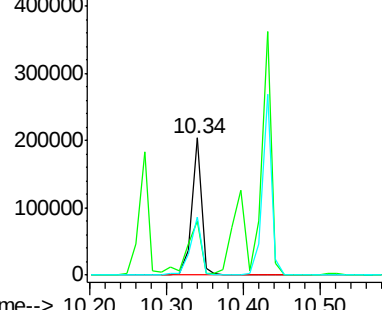
105 42.5 26.4 66.4

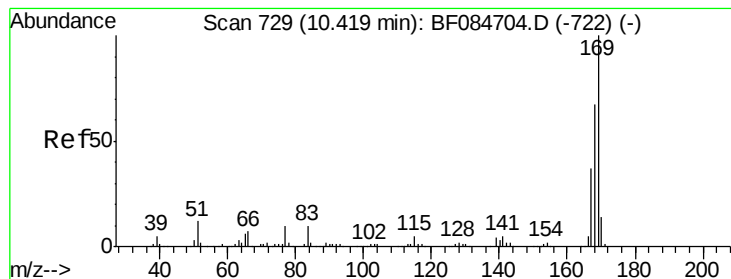


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.72 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF084806.D

Acq: 4 Feb 2016 1:20

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MSD

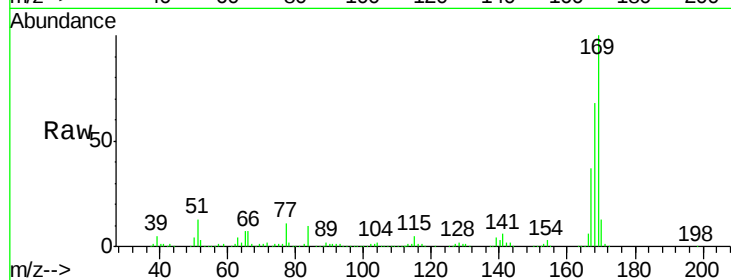
Tgt Ion:169 Resp: 873039

Ion Ratio Lower Upper

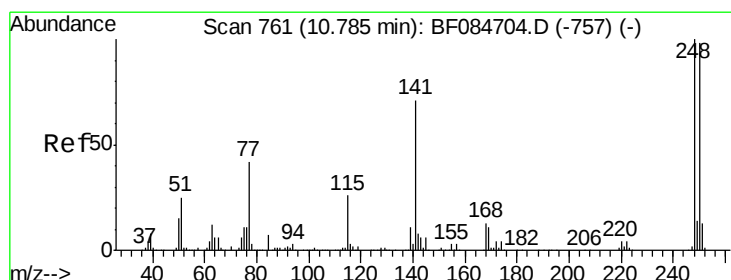
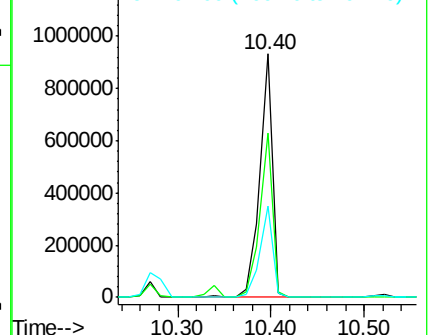
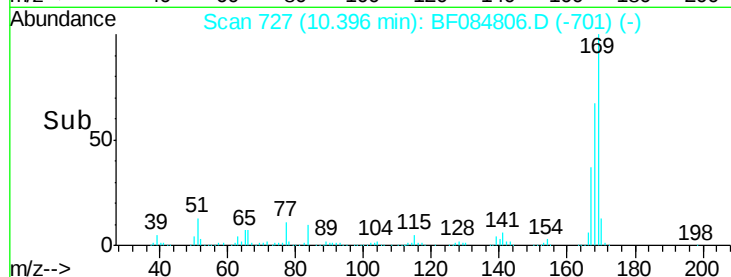
169 100

168 67.5 55.1 82.7

167 37.3 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: 40.77 ng

RT: 10.76 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF084806.D

Acq: 4 Feb 2016 1:20

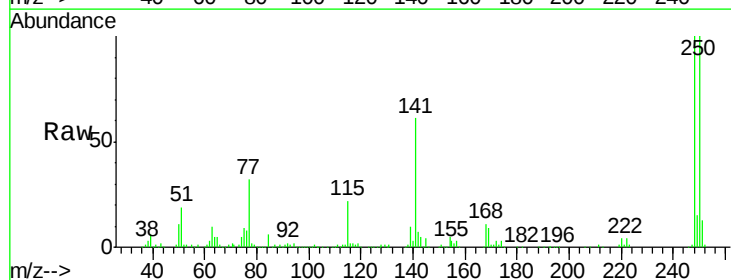
Tgt Ion:248 Resp: 296785

Ion Ratio Lower Upper

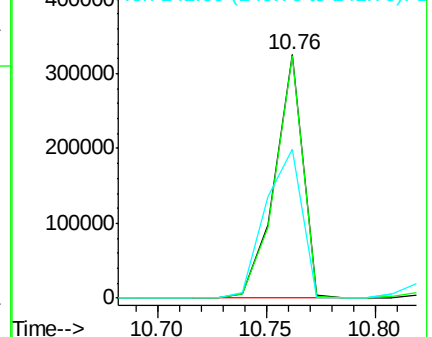
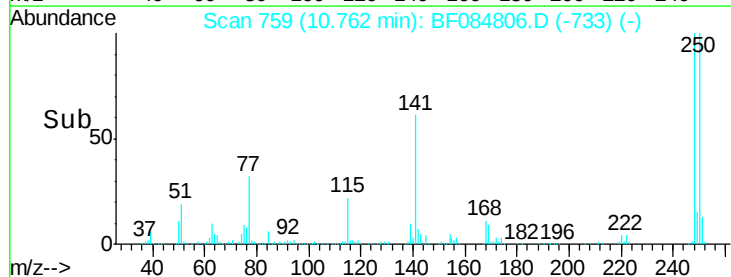
248 100

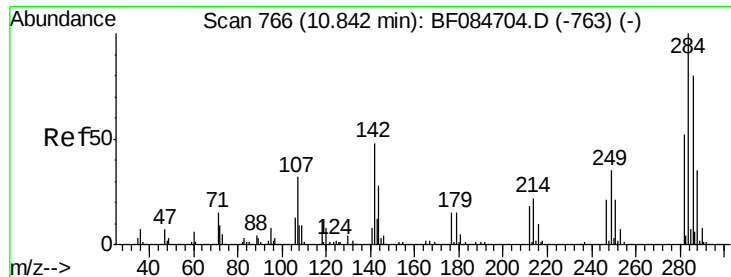
250 99.8 78.4 117.6

141 61.3 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: 36.76 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF084806.D

Acq: 4 Feb 2016 1:20

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MSD

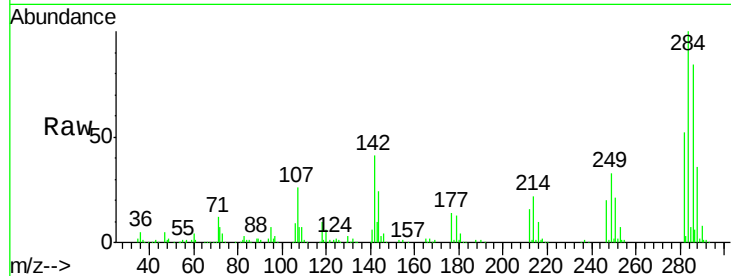
Tgt Ion:284 Resp: 291537

Ion Ratio Lower Upper

284 100

142 40.5 22.2 33.4#

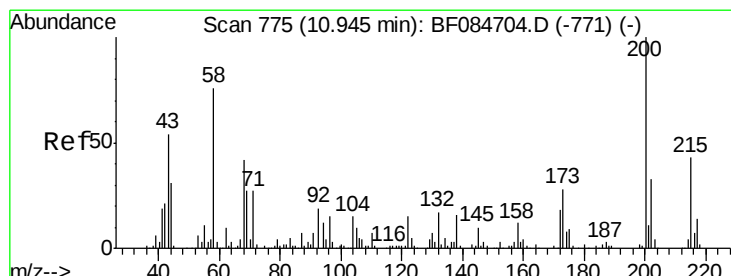
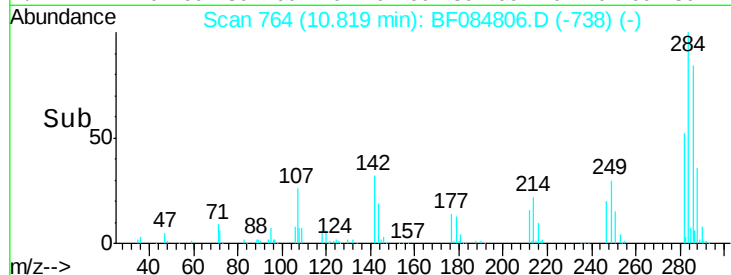
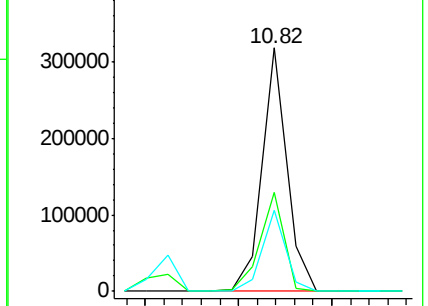
249 33.4 24.6 37.0



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: 42.97 ng

RT: 10.92 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF084806.D

Acq: 4 Feb 2016 1:20

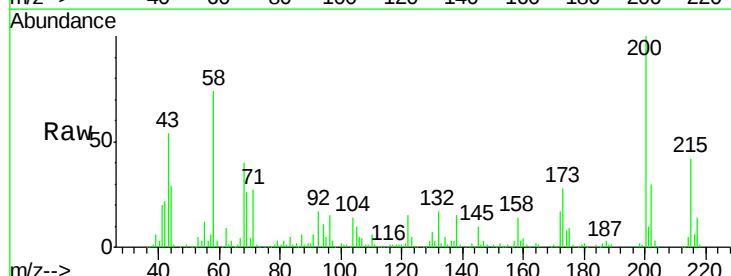
Tgt Ion:200 Resp: 283986

Ion Ratio Lower Upper

200 100

173 27.9 9.5 49.5

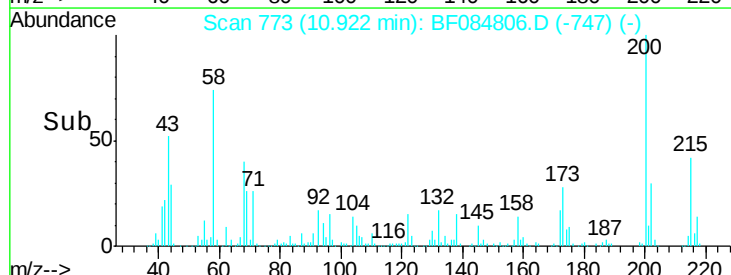
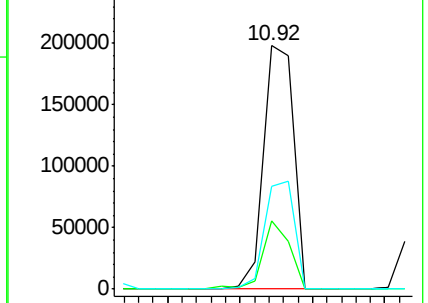
215 42.2 23.8 63.8

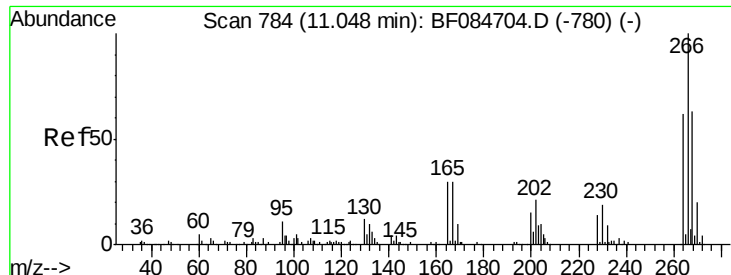


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

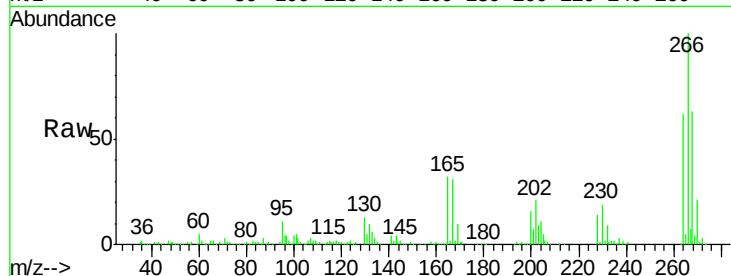




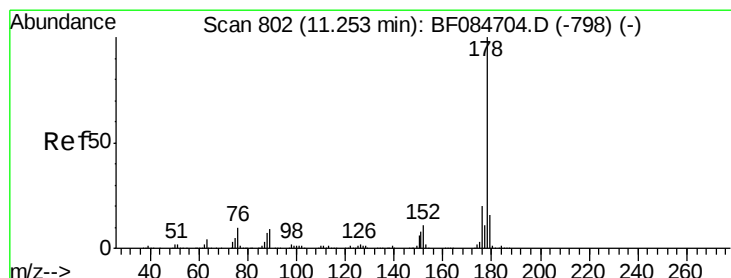
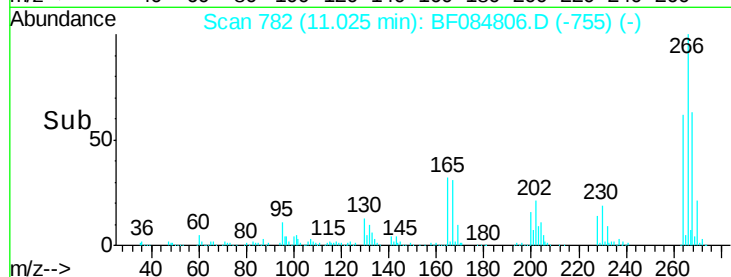
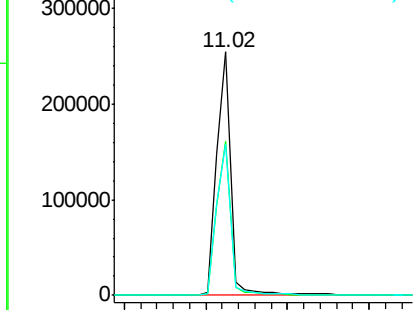
#69
 Pentachlorophenol
 Concen: 81.69 ng
 RT: 11.02 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: BF084806.D
 Acq: 4 Feb 2016 1:20

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL(11.5)MSD

Tgt Ion:266 Resp: 304470
 Ion Ratio Lower Upper
 266 100
 268 63.5 52.4 78.6
 264 62.4 50.2 75.2

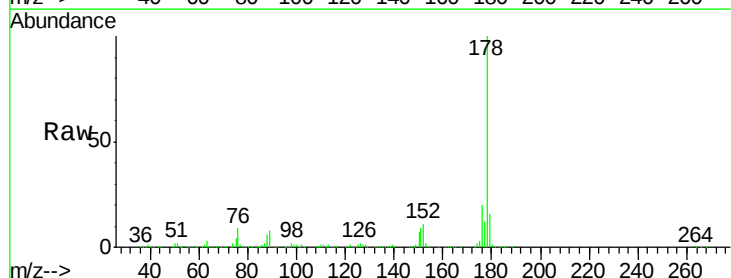


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

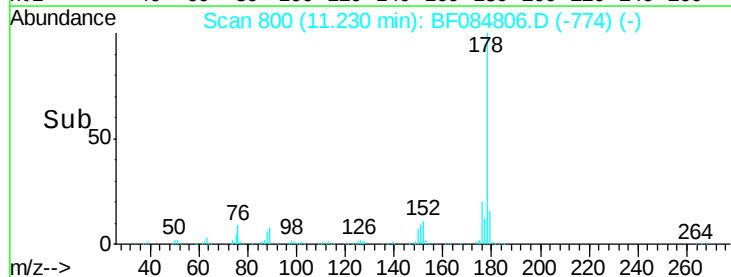
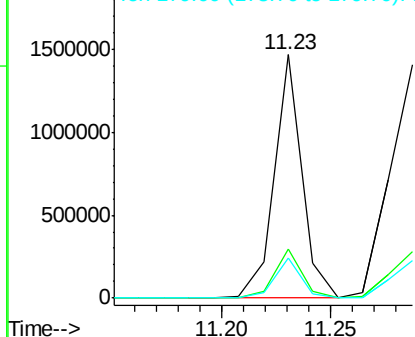


#70
 Phenanthrene
 Concen: 35.92 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF084806.D
 Acq: 4 Feb 2016 1:20

Tgt Ion:178 Resp: 1312730
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.3 22.9
 179 16.3 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

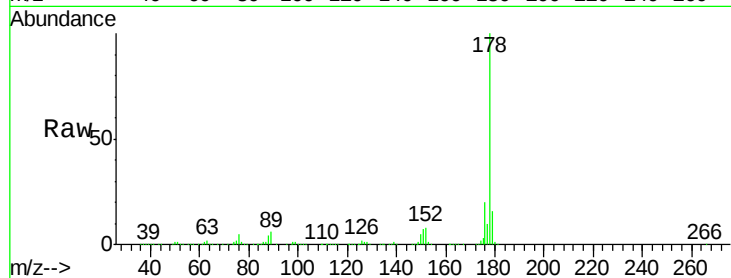




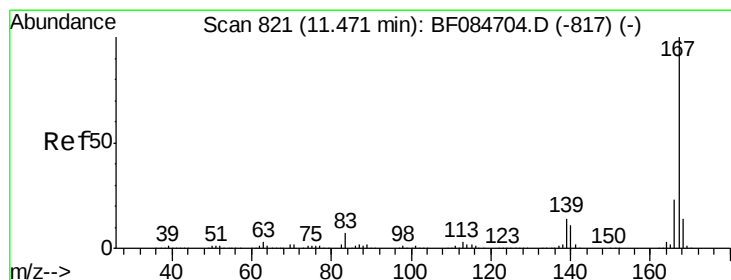
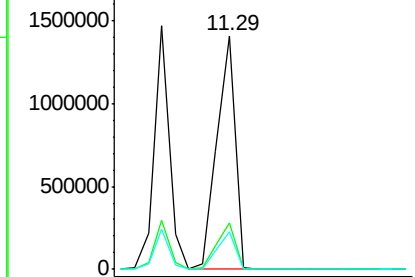
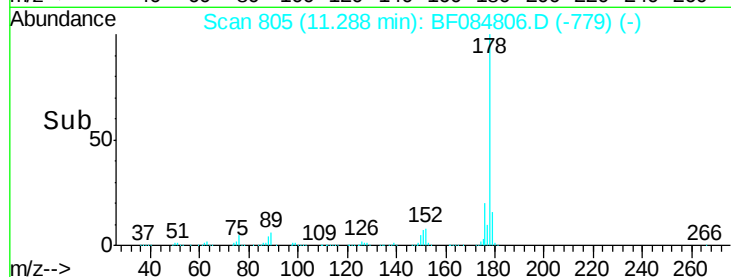
#71
 Anthracene
 Concen: 40.52 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF084806.D
 Acq: 4 Feb 2016 1:20

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL(11.5)MSD

Tgt Ion:178 Resp: 1492378
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.0
 179 16.1 12.5 18.7

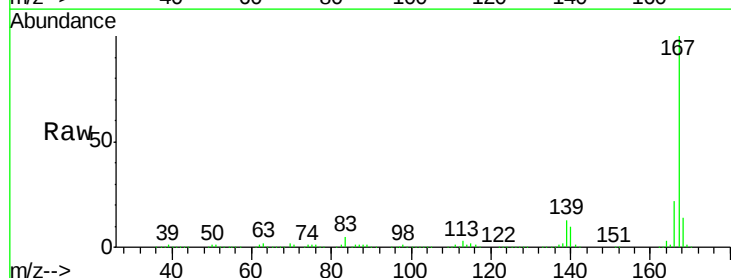


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

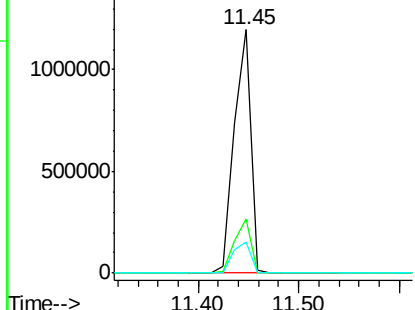
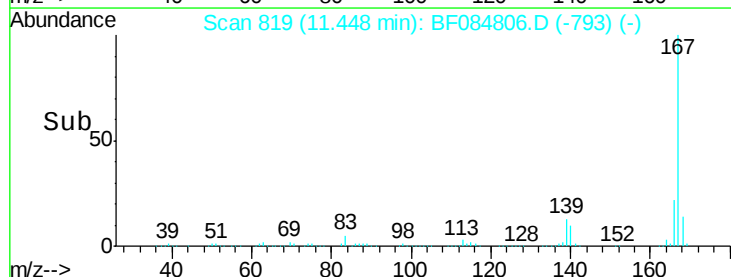


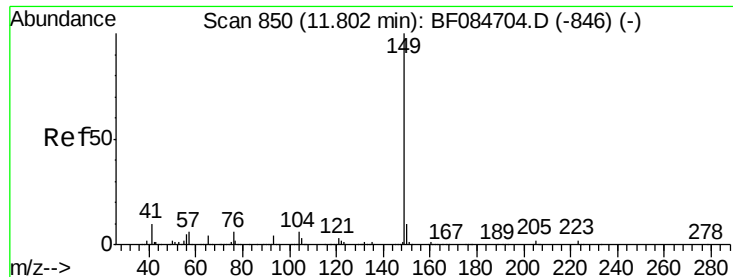
#72
 Carbazole
 Concen: 42.56 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF084806.D
 Acq: 4 Feb 2016 1:20

Tgt Ion:167 Resp: 1366695
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 12.5 11.8 17.8



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 34.84 ng

RT: 11.78 min Scan# 848

Delta R.T. -0.00 min

Lab File: BF084806.D

Acq: 4 Feb 2016 1:20

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MSD

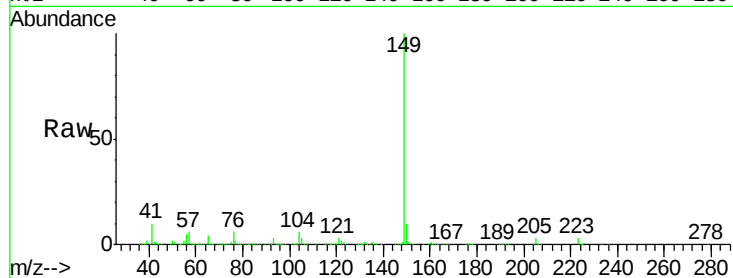
Tgt Ion:149 Resp: 1424675

Ion Ratio Lower Upper

149 100

150 9.7 7.1 10.7

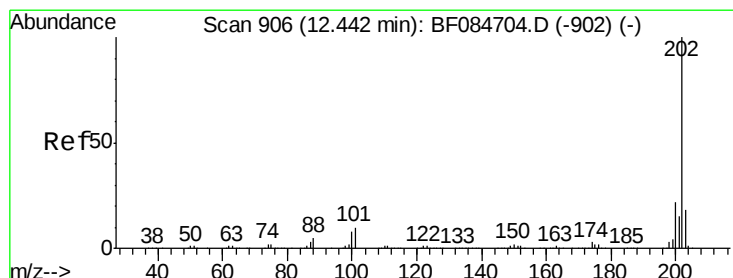
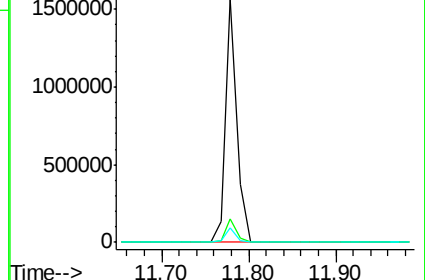
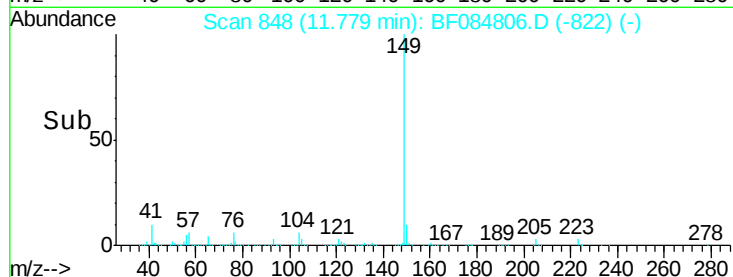
104 5.7 3.2 4.8#



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: 38.75 ng

RT: 12.42 min Scan# 904

Delta R.T. -0.00 min

Lab File: BF084806.D

Acq: 4 Feb 2016 1:20

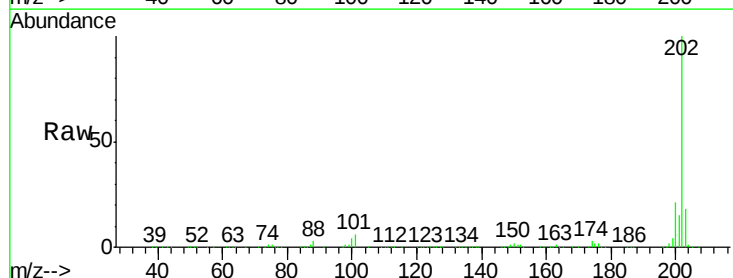
Tgt Ion:202 Resp: 1433537

Ion Ratio Lower Upper

202 100

101 5.8 0.0 32.8

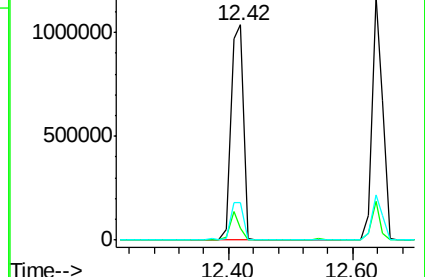
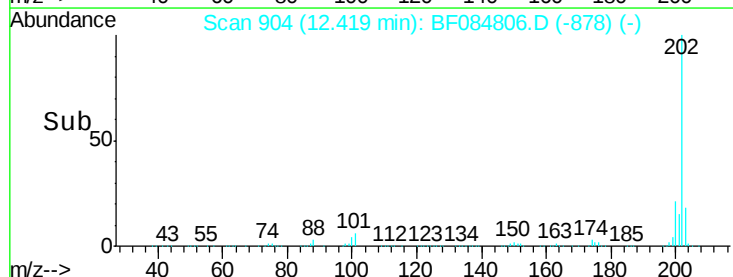
203 17.6 0.0 37.9

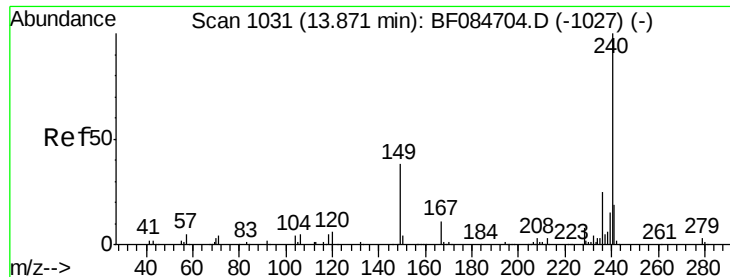


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.84 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF084806.D

Acq: 4 Feb 2016 1:20

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MSD

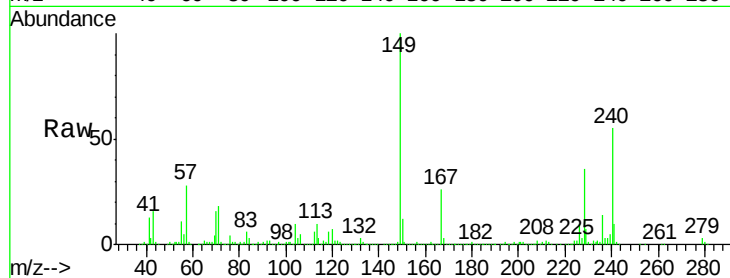
Tgt Ion:240 Resp: 475548

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

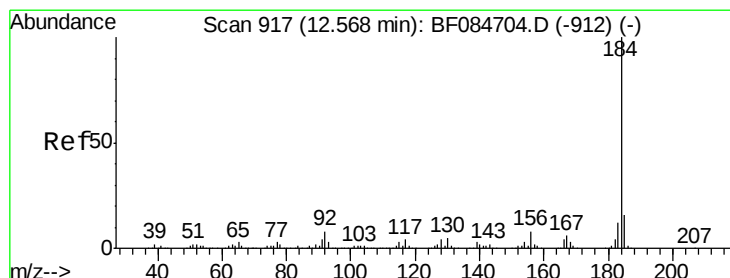
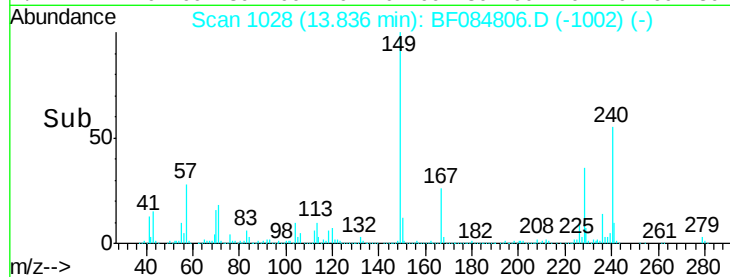
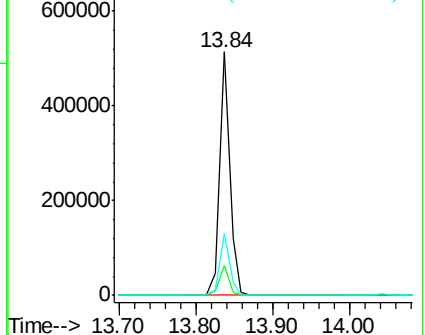
236 25.2 20.6 31.0



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: 41.61 ng

RT: 12.54 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF084806.D

Acq: 4 Feb 2016 1:20

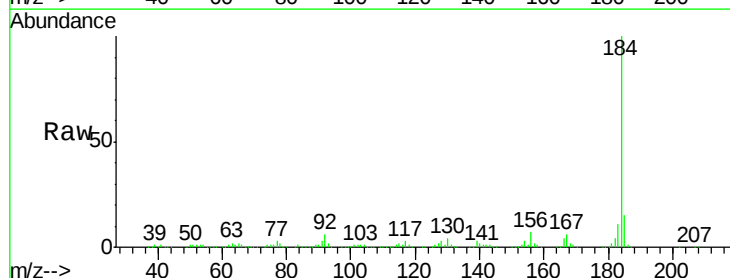
Tgt Ion:184 Resp: 692580

Ion Ratio Lower Upper

184 100

185 14.5 12.2 18.2

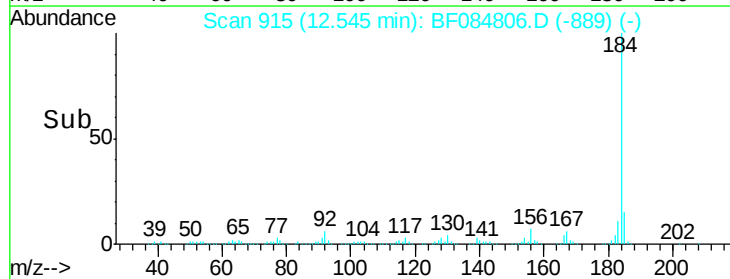
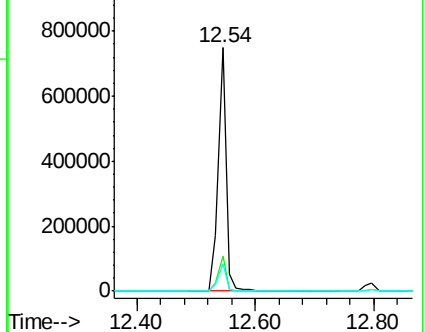
183 11.2 9.8 14.8

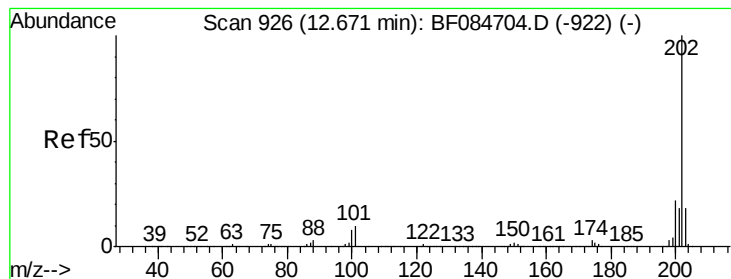


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 37.40 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.00 min

Lab File: BF084806.D

Acq: 4 Feb 2016 1:20

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MSD

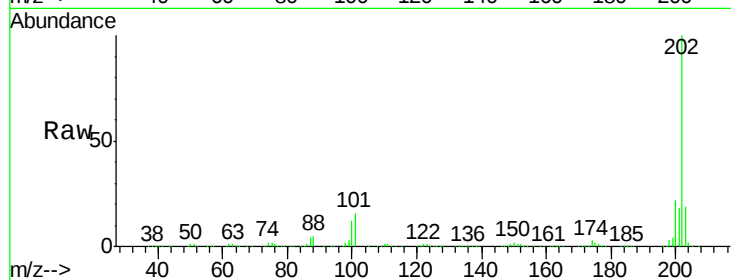
Tgt Ion:202 Resp: 1361691

Ion Ratio Lower Upper

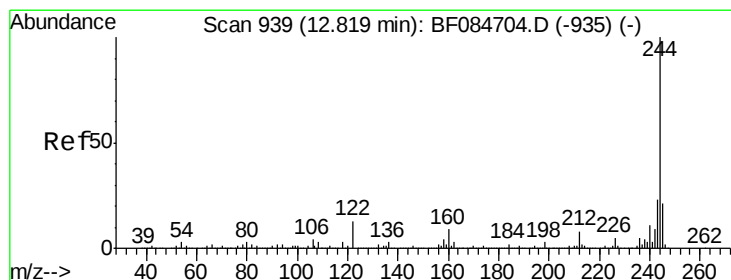
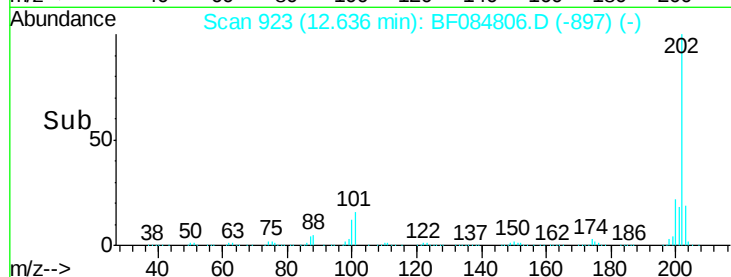
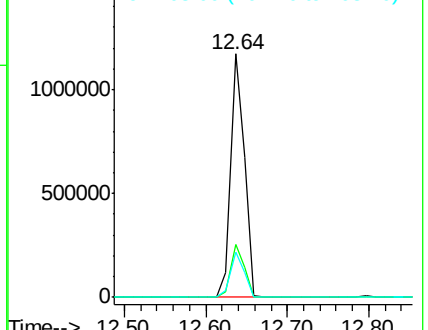
202 100

200 21.9 17.2 25.8

203 18.6 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: 90.92 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF084806.D

Acq: 4 Feb 2016 1:20

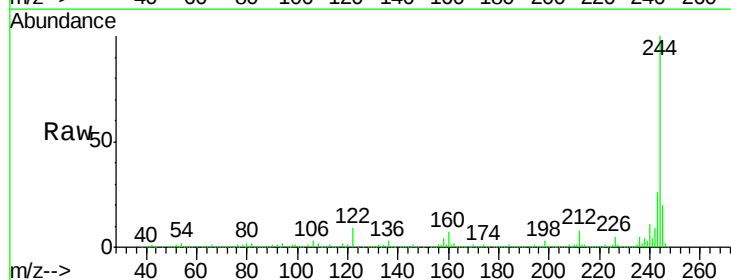
Tgt Ion:244 Resp: 1908110

Ion Ratio Lower Upper

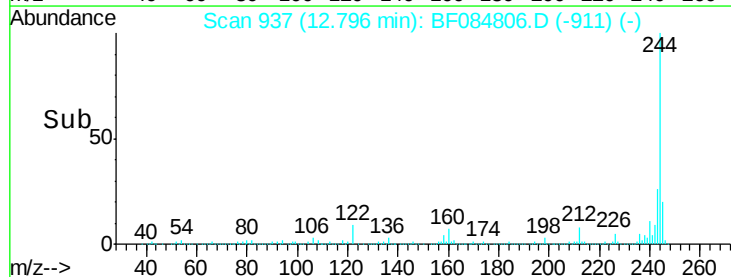
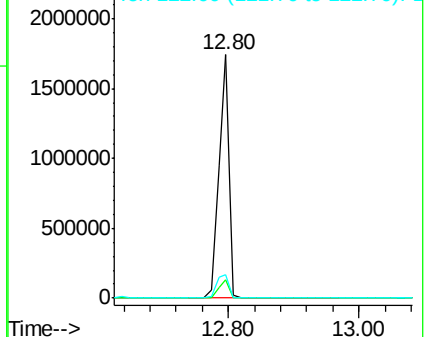
244 100

212 7.6 5.7 8.5

122 9.4 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

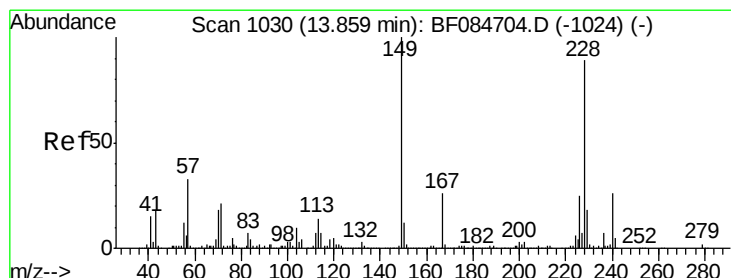
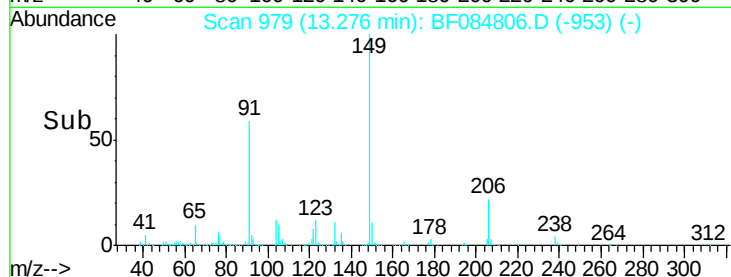
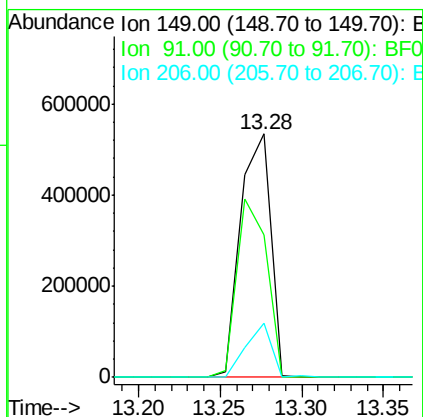
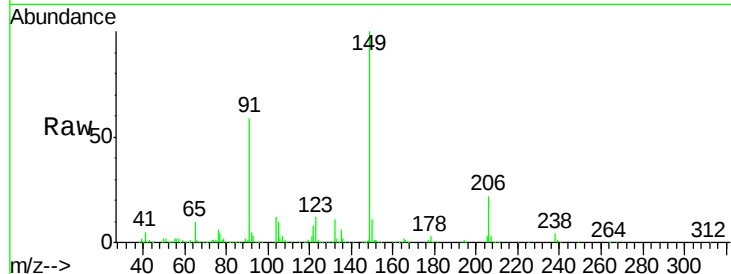




#79
Butylbenzylphthalate
Concen: 41.39 ng
RT: 13.28 min Scan# 979
Delta R.T. -0.00 min
Lab File: BF084806.D
Acq: 4 Feb 2016 1:20

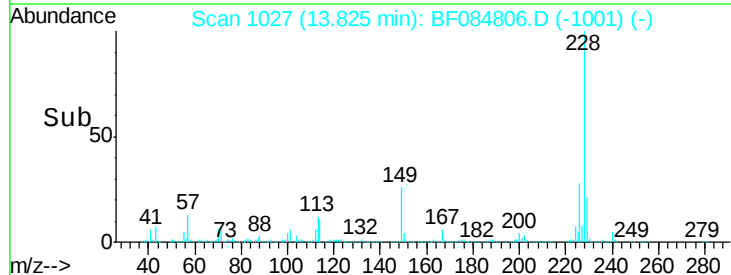
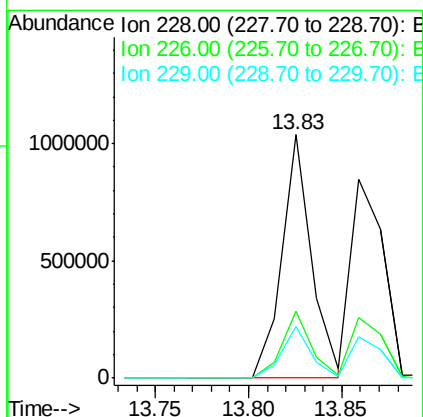
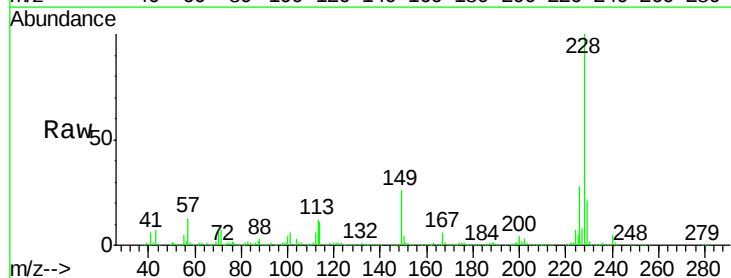
Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDEWALL(11.5)MSD

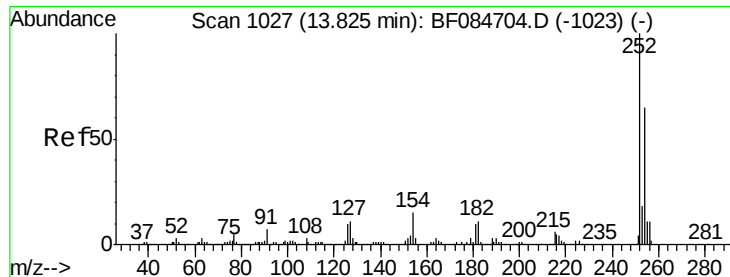
Tgt Ion:149 Resp: 683591
Ion Ratio Lower Upper
149 100
91 58.7 57.6 86.4
206 22.4 13.2 19.8#



#80
Benzo(a)anthracene
Concen: 38.93 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF084806.D
Acq: 4 Feb 2016 1:20

Tgt Ion:228 Resp: 1148922
Ion Ratio Lower Upper
228 100
226 27.6 21.8 32.6
229 21.2 15.8 23.8

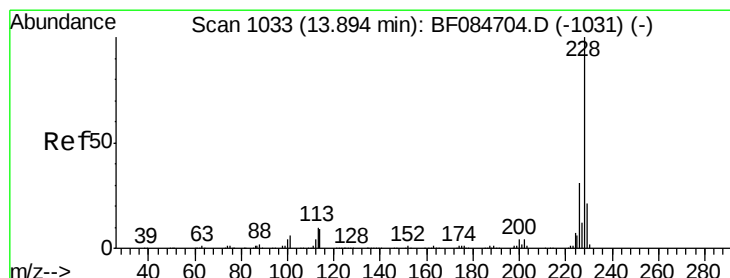
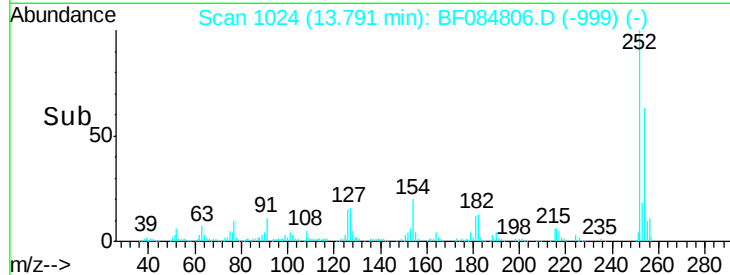
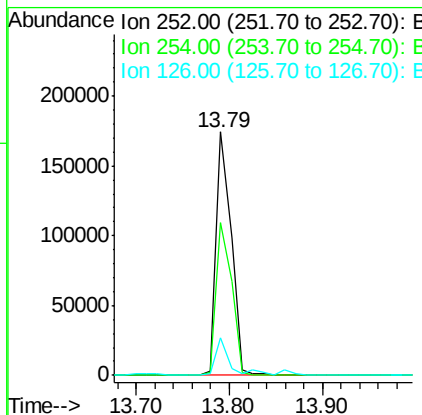
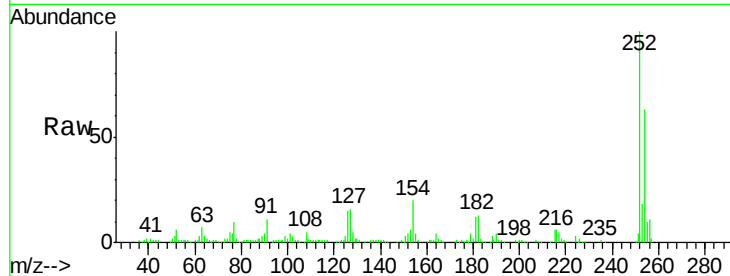




#81
 3,3'-Dichlorobenzidine
 Concen: 18.60 ng
 RT: 13.79 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BF084806.D
 Acq: 4 Feb 2016 1:20

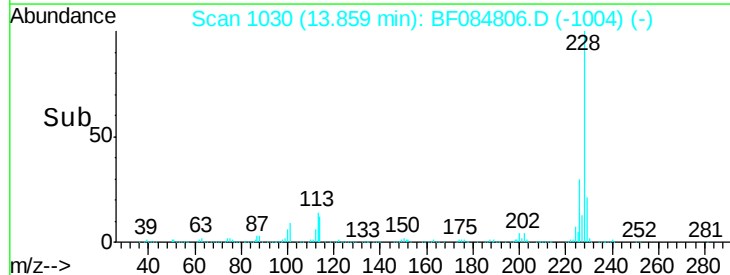
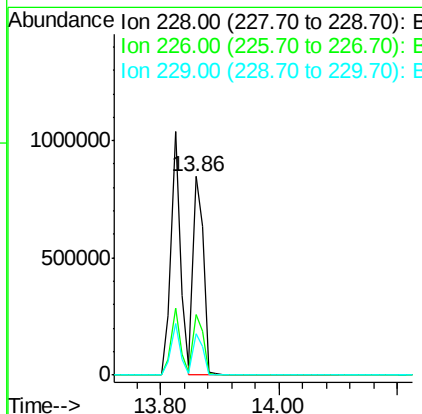
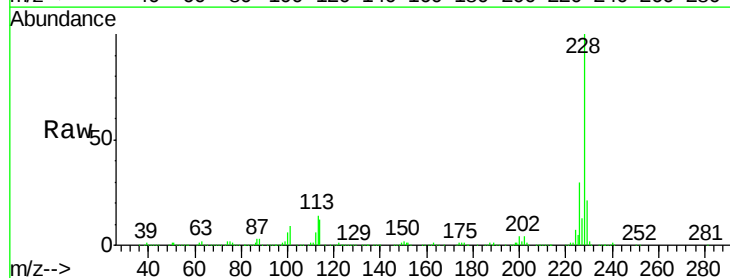
Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL(11.5)MSD

Tgt Ion:252 Resp: 194381
 Ion Ratio Lower Upper
 252 100
 254 62.9 53.5 80.3
 126 15.4 4.9 7.3#



#82
 Chrysene
 Concen: 36.52 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF084806.D
 Acq: 4 Feb 2016 1:20

Tgt Ion:228 Resp: 1045340
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.3 36.5
 229 20.8 16.1 24.1

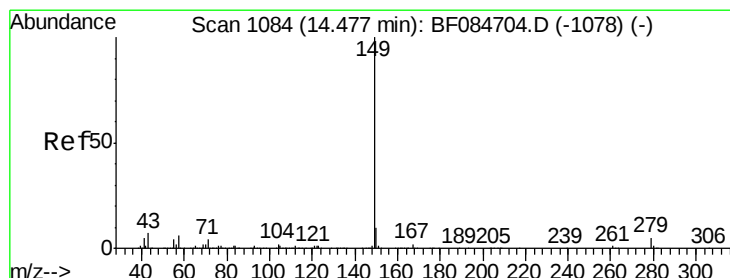
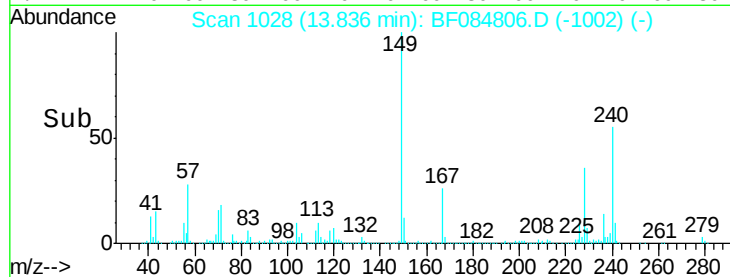
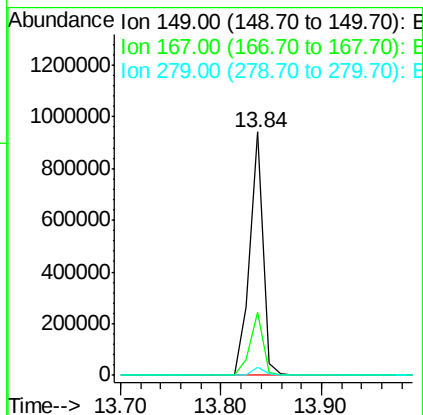
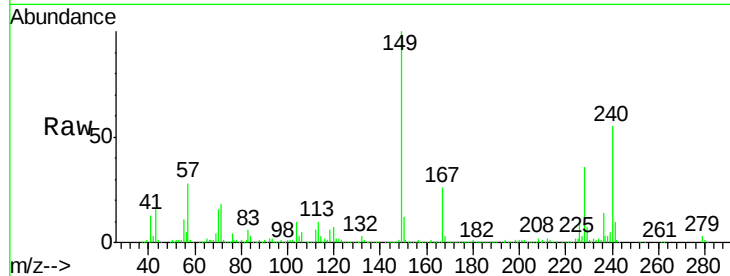




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.23 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BF084806.D
 Acq: 4 Feb 2016 1:20

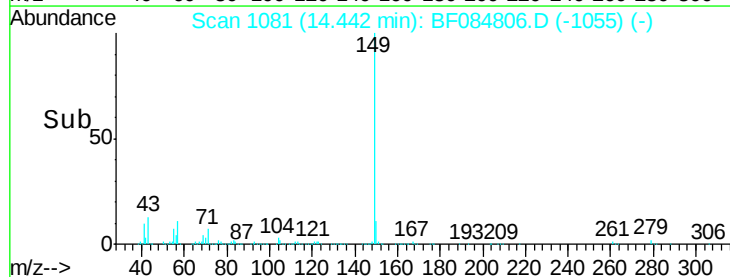
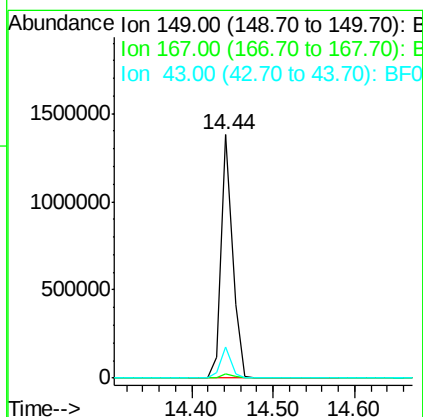
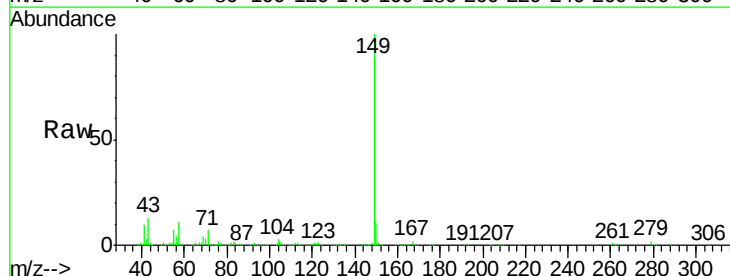
Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL(11.5)MSD

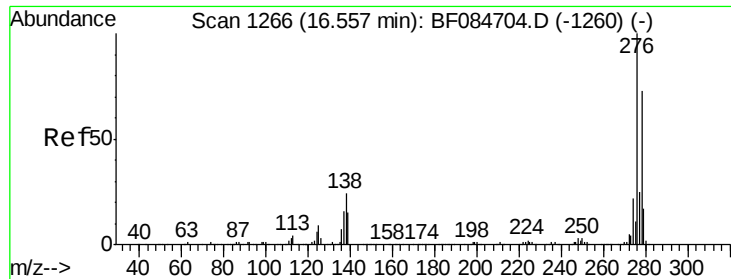
Tgt Ion:149 Resp: 868087
 Ion Ratio Lower Upper
 149 100
 167 26.1 19.7 29.5
 279 3.1 1.8 2.6#



#84
 Di-n-octyl phthalate
 Concen: 39.28 ng
 RT: 14.44 min Scan# 1081
 Delta R.T. -0.00 min
 Lab File: BF084806.D
 Acq: 4 Feb 2016 1:20

Tgt Ion:149 Resp: 1332105
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 12.0 5.6 8.4#

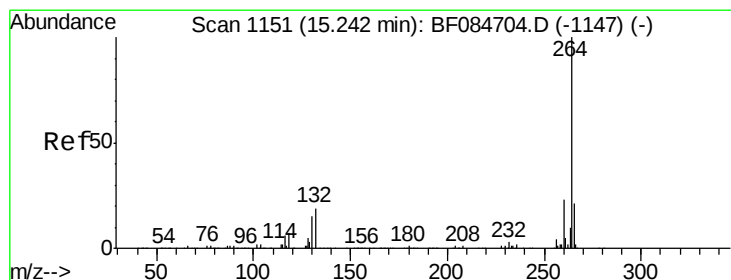
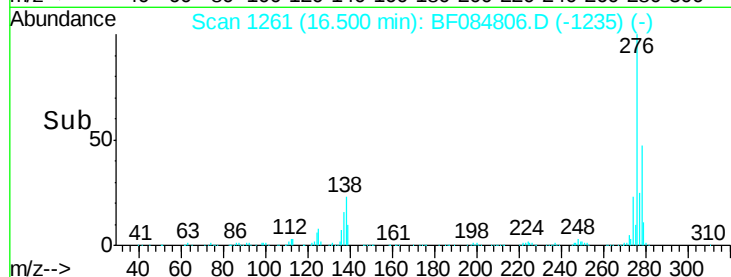
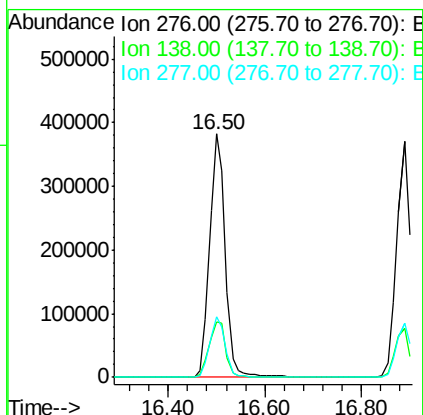
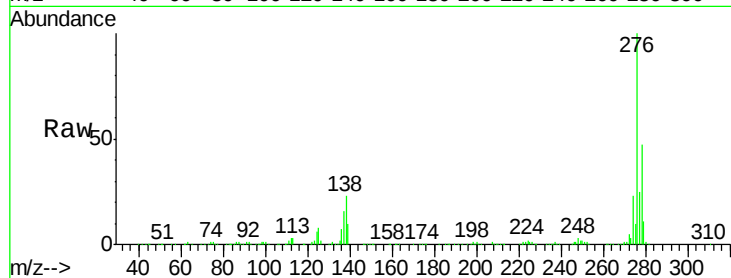




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.18 ng
 RT: 16.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BF084806.D
 Acq: 4 Feb 2016 1:20

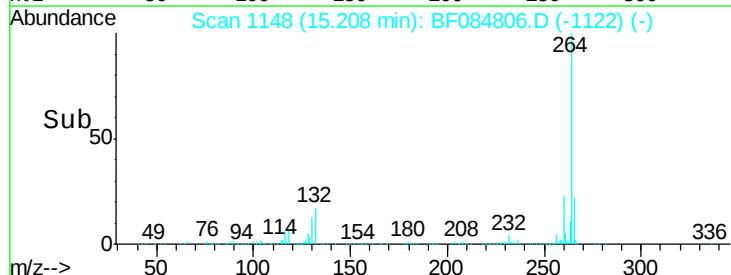
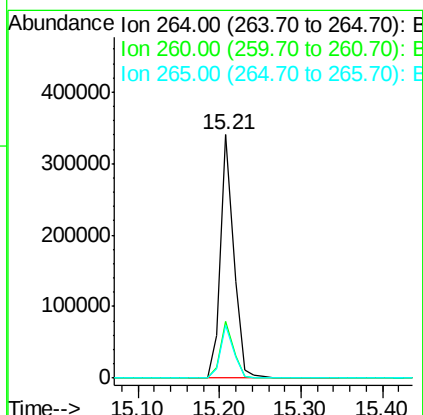
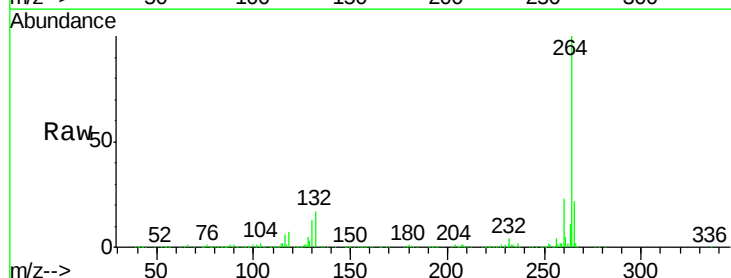
Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL(11.5)MSD

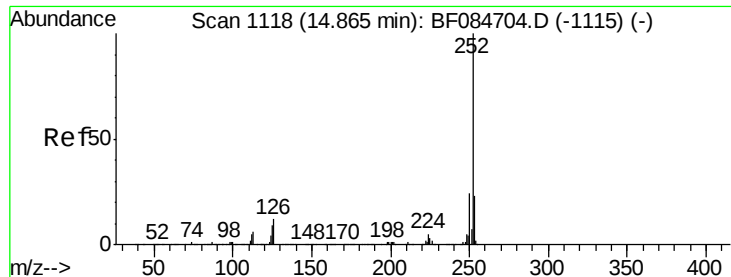
Tgt Ion: 276 Resp: 882761
 Ion Ratio Lower Upper
 276 100
 138 24.4 20.6 30.8
 277 24.8 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: BF084806.D
 Acq: 4 Feb 2016 1:20

Tgt Ion: 264 Resp: 382523
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.2
 265 21.6 17.8 26.6

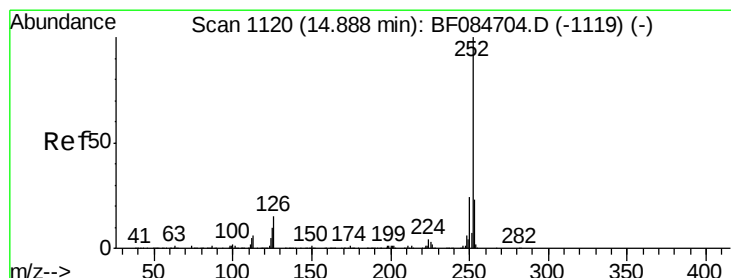
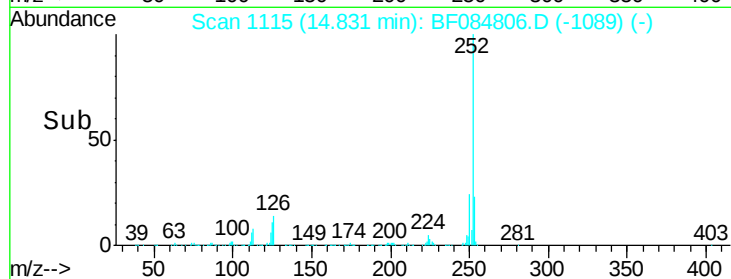
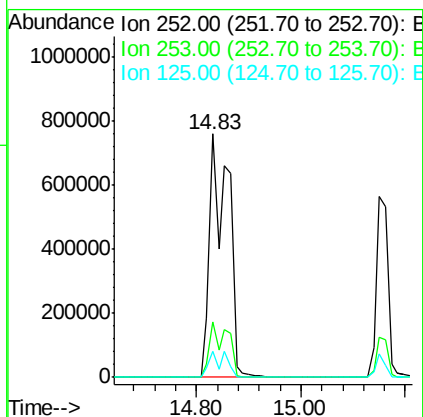
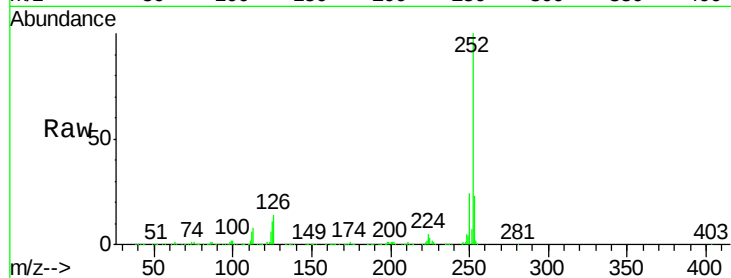




#87
Benzo(b)fluoranthene
Concen: 72.94 ng
RT: 14.83 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BF084806.D
Acq: 4 Feb 2016 1:20

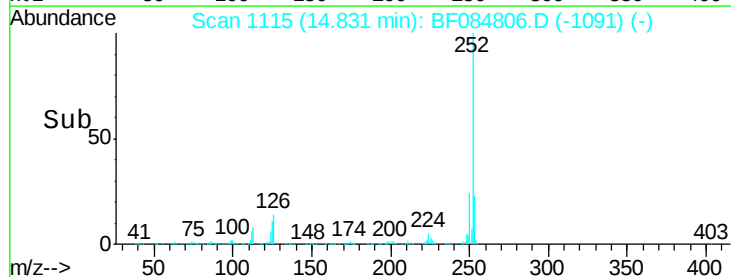
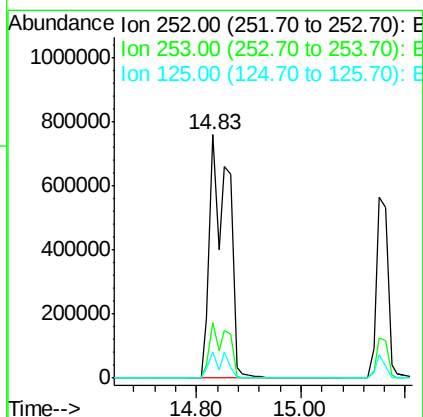
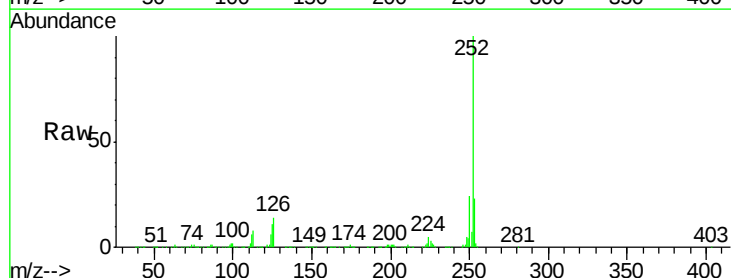
Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDEWALL(11.5)MSD

Tgt Ion:252 Resp: 1874680
Ion Ratio Lower Upper
252 100
253 22.7 17.3 25.9
125 10.7 6.5 9.7#



#88
Benzo(k)fluoranthene
Concen: 88.22 ng
RT: 14.83 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF084806.D
Acq: 4 Feb 2016 1:20

Tgt Ion:252 Resp: 1874680
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 10.7 9.0 13.6





#89

Benzo(a)pyrene

Concen: 39.74 ng

RT: 15.15 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BF084806.D

Acq: 4 Feb 2016 1:20

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MSD

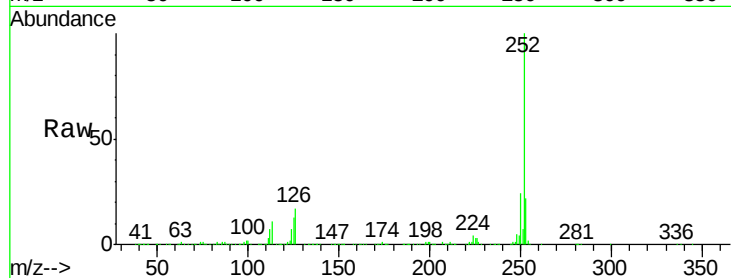
Tgt Ion:252 Resp: 870306

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

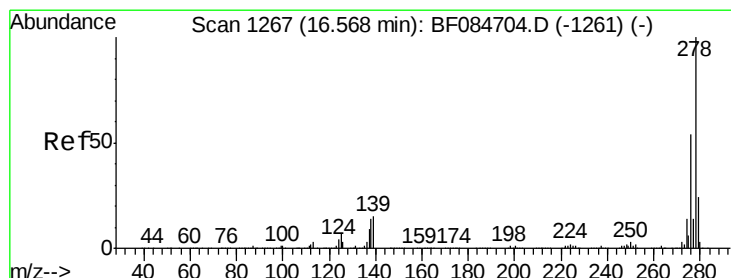
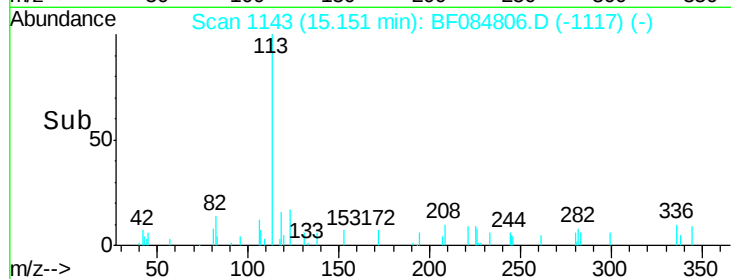
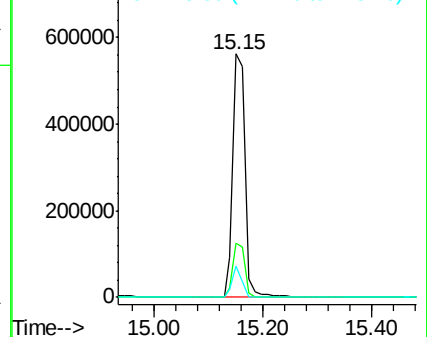
125 12.8 7.0 10.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.47 ng

RT: 16.51 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BF084806.D

Acq: 4 Feb 2016 1:20

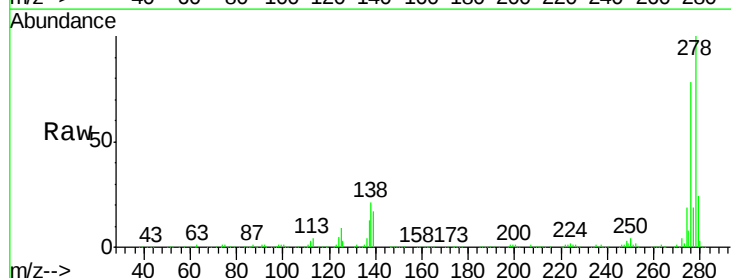
Tgt Ion:278 Resp: 727548

Ion Ratio Lower Upper

278 100

139 17.4 15.0 22.4

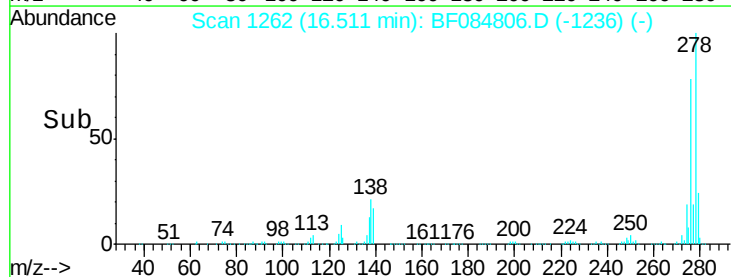
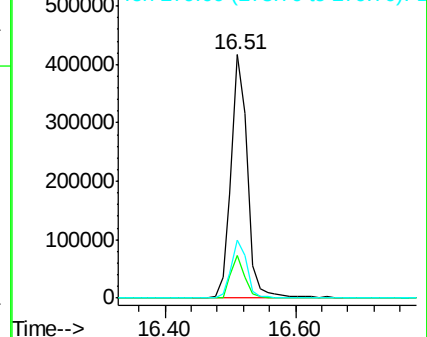
279 23.9 18.9 28.3

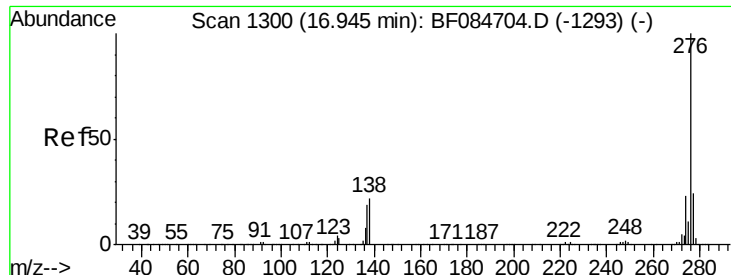


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 40.11 ng

RT: 16.89 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF084806.D

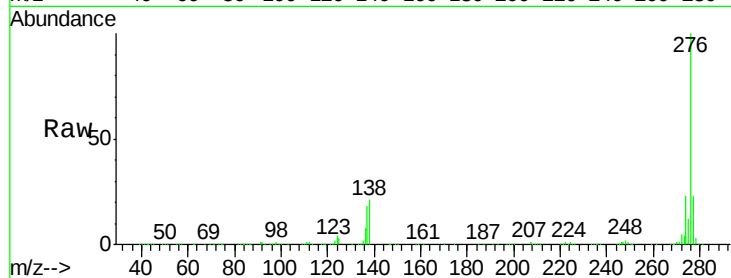
Acq: 4 Feb 2016 1:20

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MSD



Tgt Ion:	276	Resp:	744787
Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.8	28.2
138	20.9	17.8	26.6

