

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091715\
 Data File : BF081686.D
 Acq On : 17 Sep 2015 19:30
 Operator : UM/IZ
 Sample : G3620-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-14(0-0.16)MS

Quant Time: Sep 18 00:53:52 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	46367	20.00	ng	-0.04
21) Naphthalene-d8	11.08	136	188567	20.00	ng	-0.04
38) Acenaphthene-d10	15.20	164	88136	20.00	ng	-0.06
63) Phenanthrene-d10	18.71	188	176446	20.00	ng	-0.04
75) Chrysene-d12	23.35	240	115485	20.00	ng	-0.03
86) Perylene-d12	24.79	264	80688	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	431555	144.41	ng	0.00
7) Phenol-d6	7.62	99	607590	153.59	ng	-0.02
23) Nitrobenzene-d5	9.49	82	401375	102.70	ng	-0.04
41) 2,4,6-Tribromophenol	17.12	330	121405	154.70	ng	-0.04
44) 2-Fluorobiphenyl	13.73	172	690110	100.34	ng	-0.04
78) Terphenyl-d14	22.08	244	585230	117.97	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.53	88	10965	8.17	ng	# 11
3) Pyridine	2.10	79	150702	40.72	ng	# 74
4) n-Nitrosodimethylamine	2.09	42	120617	58.66	ng	# 64
6) Aniline	7.49	93	183778	32.90	ng	# 85
8) 2-Chlorophenol	7.74	128	166288	50.50	ng	# 84
9) Benzaldehyde	7.20	77	84839	34.23	ng	# 72
10) Phenol	7.65	94	213552	46.55	ng	# 60
11) bis(2-Chloroethyl)ether	7.73	93	169144	51.10	ng	# 58
12) 1,3-Dichlorobenzene	8.04	146	166934	47.44	ng	# 91
13) 1,4-Dichlorobenzene	8.22	146	168529	47.04	ng	# 91
14) 1,2-Dichlorobenzene	8.54	146	161630	50.11	ng	# 92
15) Benzyl Alcohol	8.63	79	168455	51.91	ng	# 70
16) 2,2'-oxybis(1-Chloropropan	8.94	45	353214	55.68	ng	# 93
17) 2-Methylphenol	8.97	107	136973	52.13	ng	# 80
18) Hexachloroethane	9.27	117	68643	49.25	ng	# 88
19) n-Nitroso-di-n-propylamine	9.26	70	139382	51.77	ng	# 88
20) 3+4-Methylphenols	9.35	107	178701	50.44	ng	# 87
22) Acetophenone	9.17	105	252213	48.97	ng	# 73
24) Nitrobenzene	9.53	77	209120	51.52	ng	# 66
25) Isophorone	10.13	82	358645	49.33	ng	# 85
26) 2-Nitrophenol	10.25	139	86622	48.97	ng	# 28
27) 2,4-Dimethylphenol	10.53	122	150397	49.22	ng	# 74
28) bis(2-Chloroethoxy)methane	10.72	93	212037	50.50	ng	# 93
29) 2,4-Dichlorophenol	10.86	162	132360	49.96	ng	# 86
30) 1,2,4-Trichlorobenzene	10.98	180	142187	49.40	ng	# 96
31) Naphthalene	11.13	128	493578	49.08	ng	# 99
32) Benzoic acid	10.98	122	2610	3.68	ng	# 75
33) 4-Chloroaniline	11.36	127	109903	26.79	ng	# 82
34) Hexachlorobutadiene	11.48	225	90450	51.64	ng	# 97
35) Caprolactam	12.31	113	19440	23.92	ng	# 29
36) 4-Chloro-3-methylphenol	12.70	107	164961	55.62	ng	# 75
37) 2-Methylnaphthalene	12.78	142	332147	50.75	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	13.19	216	142511	51.13	ng	# 98
40) Hexachlorocyclopentadiene	13.17	237	120938	88.41	ng	# 96

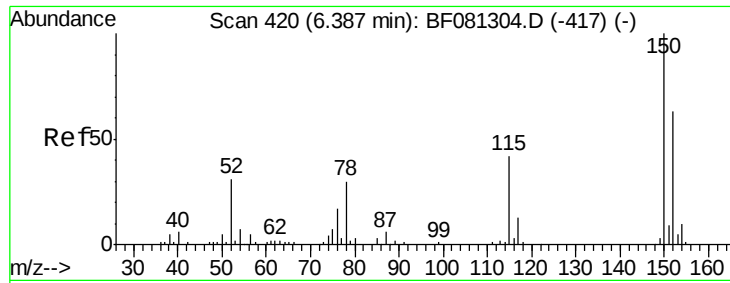
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.53	196	95044	49.41	ng	99
43) 2,4,5-Trichlorophenol	13.64	196	99455	50.68	ng #	86
45) 1,1'-Biphenyl	13.92	154	395006	48.71	ng	96
46) 2-Chloronaphthalene	13.91	162	291726	49.82	ng #	86
47) 2-Nitroaniline	14.27	65	127419	53.39	ng #	62
48) Acenaphthylene	14.86	152	498227	47.96	ng	97
49) Dimethylphthalate	14.81	163	504995	73.75	ng #	96
50) 2,6-Dinitrotoluene	14.91	165	73521	47.31	ng #	29
51) Acenaphthene	15.29	154	288145	48.76	ng	90
52) 3-Nitroaniline	15.26	138	64594	36.51	ng #	44
53) 2,4-Dinitrophenol	15.56	184	33142	44.99	ng #	33
54) Dibenzofuran	15.72	168	448348	51.96	ng #	86
55) 4-Nitrophenol	15.89	139	103773	93.36	ng #	8
56) 2,4-Dinitrotoluene	15.85	165	102478	51.78	ng #	52
57) Fluorene	16.53	166	352084	53.76	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.98	232	67057	44.75	ng	94
59) Diethylphthalate	16.51	149	392108	54.44	ng	96
60) 4-Chlorophenyl-phenylether	16.62	204	163421	53.54	ng #	89
61) 4-Nitroaniline	16.73	138	73581	41.16	ng #	19
62) Azobenzene	16.99	77	430792	53.79	ng	83
64) 4,6-Dinitro-2-methylphenol	16.83	198	44217	44.80	ng	83
65) n-Nitrosodiphenylamine	16.94	169	302960	47.19	ng	94
66) 4-Bromophenyl-phenylether	17.76	248	91459	51.26	ng	93
67) Hexachlorobenzene	17.81	284	91940	49.29	ng #	87
68) Atrazine	18.35	200	95038	51.15	ng #	77
69) Pentachlorophenol	18.36	266	76959	84.23	ng	97
70) Phenanthrene	18.77	178	497690	50.74	ng	97
71) Anthracene	18.89	178	477063	47.34	ng	98
72) Carbazole	19.37	167	448088	47.38	ng	97
73) Di-n-butylphthalate	20.41	149	575657	51.55	ng #	98
74) Fluoranthene	21.40	202	533108	50.20	ng	88
76) Benzidine	21.71	184	118973	24.00	ng	98
77) Pyrene	21.74	202	523883	61.24	ng	98
79) Butylbenzylphthalate	22.77	149	217964	58.59	ng #	68
80) Benzo(a)anthracene	23.34	228	367447	49.96	ng	95
81) 3,3'-Dichlorobenzidine	23.35	252	87375	35.22	ng #	92
82) Chrysene	23.39	228	340870	51.70	ng	95
83) Bis(2-ethylhexyl)phthalate	23.47	149	290116	59.09	ng #	91
84) Di-n-octyl phthalate	24.13	149	404489	50.03	ng	96
85) Indeno(1,2,3-cd)pyrene	25.83	276	280339	57.96	ng #	83
87) Benzo(b)fluoranthene	24.45	252	534011	92.70	ng #	87
88) Benzo(k)fluoranthene	24.45	252	534011	111.72	ng #	88
89) Benzo(a)pyrene	24.75	252	271915	55.70	ng #	82
90) Dibenzo(a,h)anthracene	25.84	278	219125	58.09	ng #	73
91) Benzo(g,h,i)perylene	26.13	276	230496	64.03	ng #	73

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 620

Delta R.T. -0.04 min

Lab File: BF081686.D

Acq: 17 Sep 2015 19:30

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MS

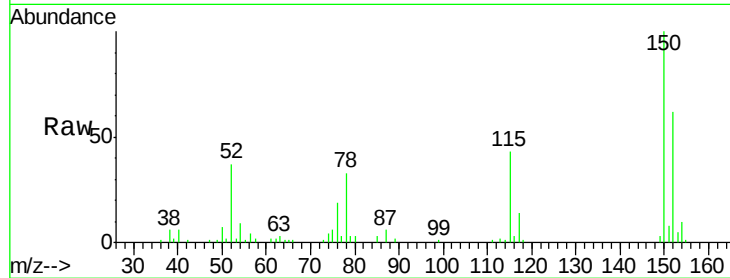
Tgt Ion:152 Resp: 46367

Ion Ratio Lower Upper

152 100

150 161.7 124.7 187.1

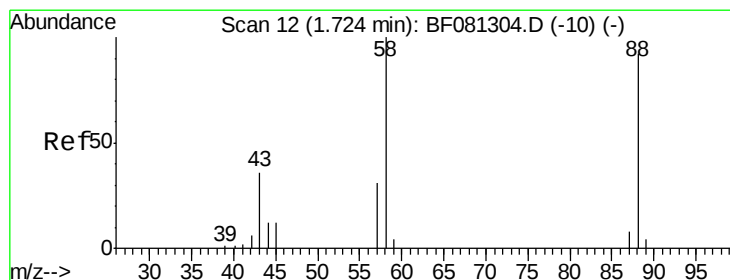
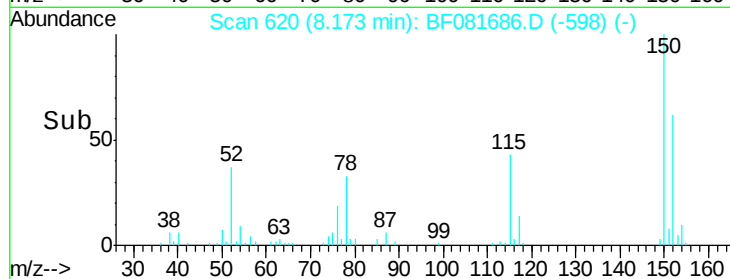
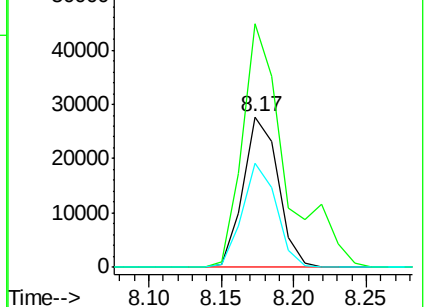
115 68.9 39.0 58.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 8.17 ng

RT: 1.53 min Scan# 39

Delta R.T. -0.03 min

Lab File: BF081686.D

Acq: 17 Sep 2015 19:30

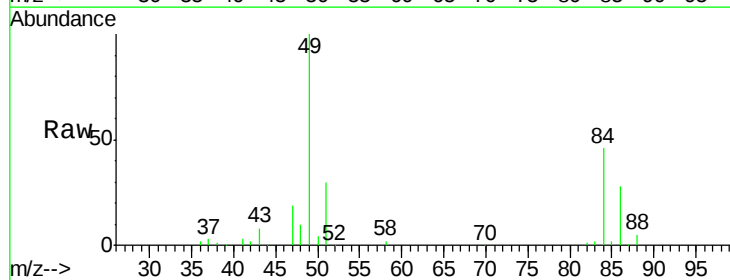
Tgt Ion: 88 Resp: 10965

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

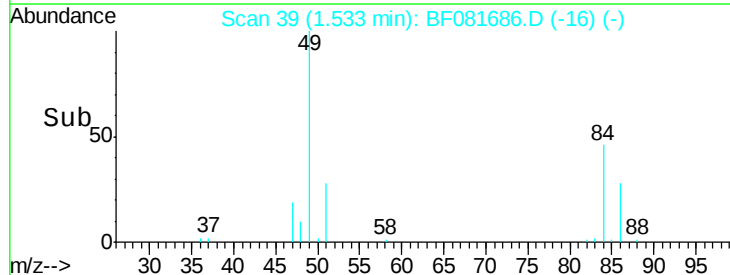
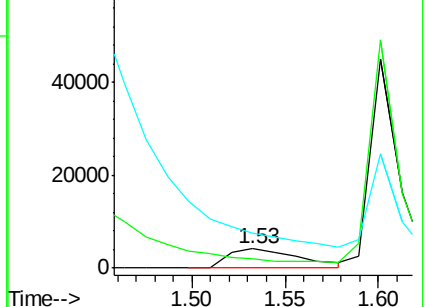
43 0.0 26.6 40.0#

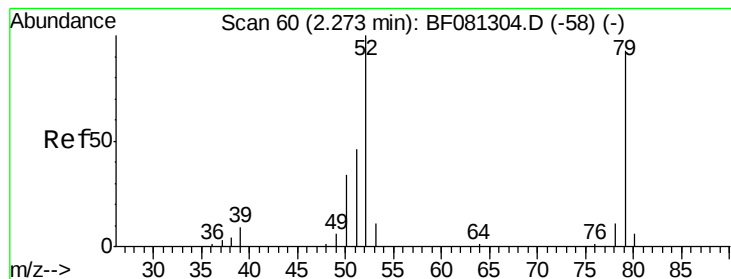


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 40.72 ng

RT: 2.10 min Scan# 89

Delta R.T. 0.02 min

Lab File: BF081686.D

Acq: 17 Sep 2015 19:30

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MS

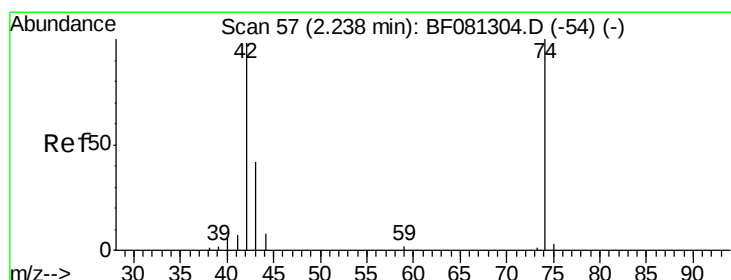
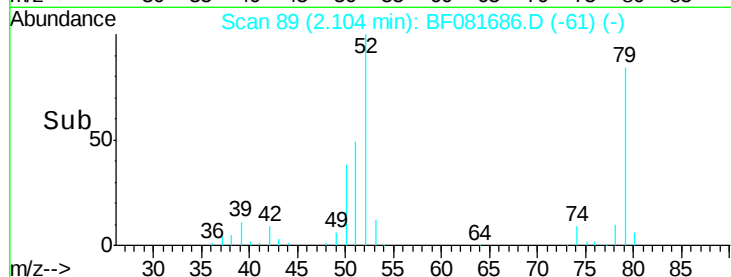
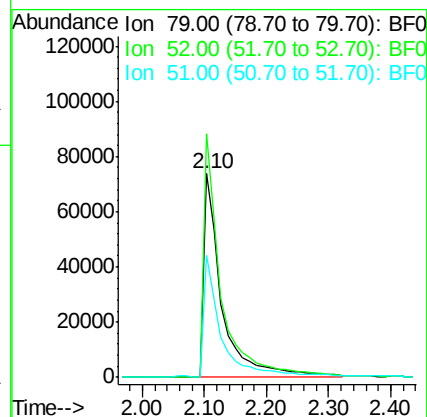
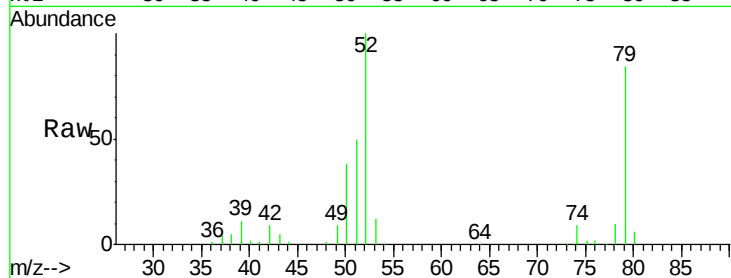
Tgt Ion: 79 Resp: 150702

Ion Ratio Lower Upper

79 100

52 119.5 76.8 115.2#

51 60.1 32.2 48.4#



#4

n-Nitrosodimethylamine

Concen: 58.66 ng

RT: 2.09 min Scan# 88

Delta R.T. 0.04 min

Lab File: BF081686.D

Acq: 17 Sep 2015 19:30

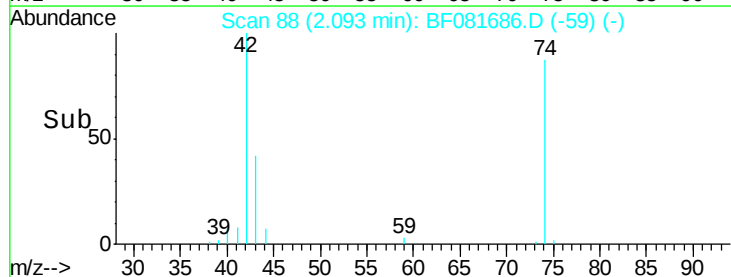
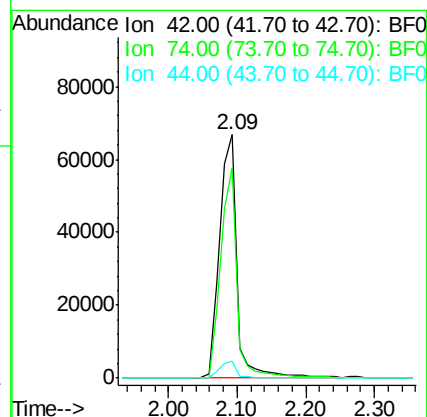
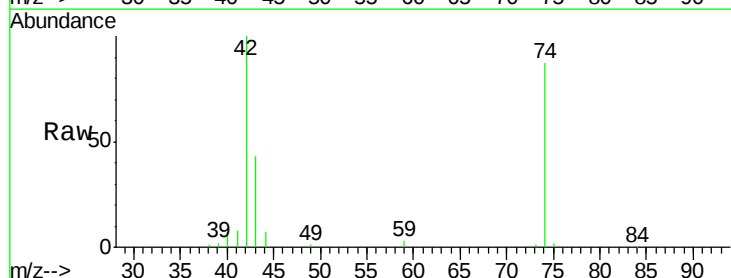
Tgt Ion: 42 Resp: 120617

Ion Ratio Lower Upper

42 100

74 86.6 105.0 157.6#

44 7.2 6.6 10.0





#5

2-Fluorophenol

Concen: 144.41 ng

RT: 5.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF081686.D

Acq: 17 Sep 2015 19:30

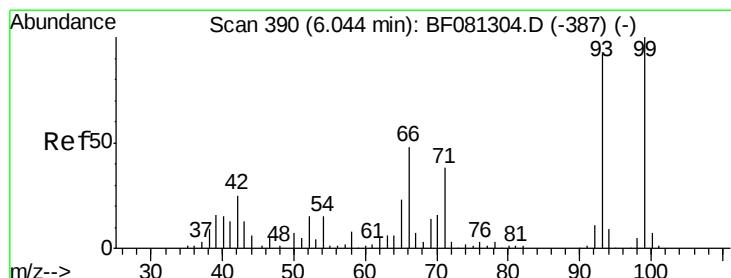
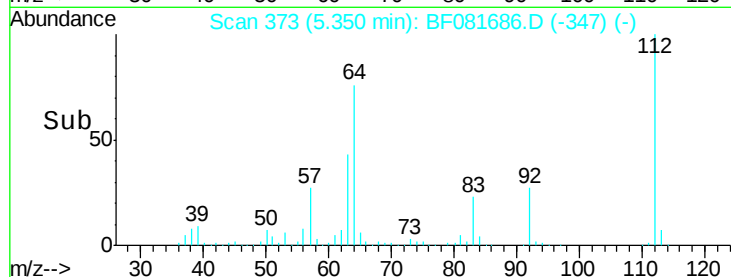
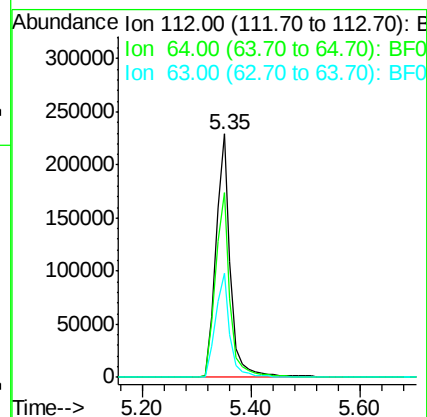
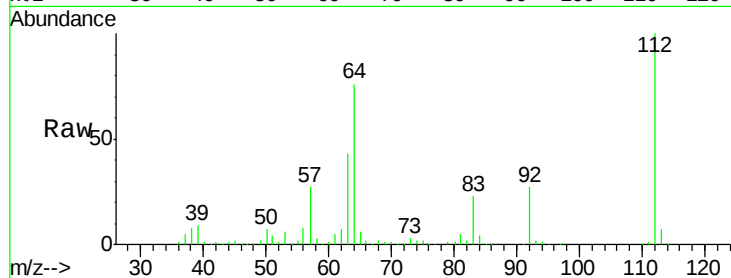
Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MS

Tgt Ion:	112	Resp:	431555
Ion	Ratio	Lower	Upper
112	100		
64	76.0	39.7	59.5#
63	42.9	17.4	26.0#



#6

Aniline

Concen: 32.90 ng

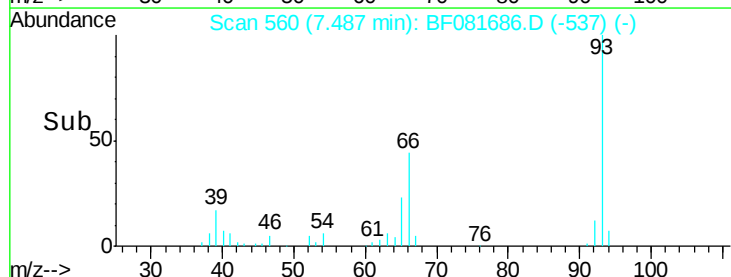
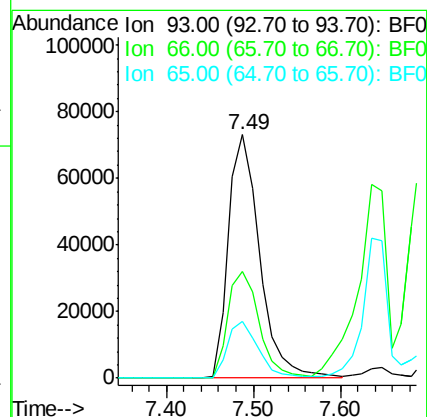
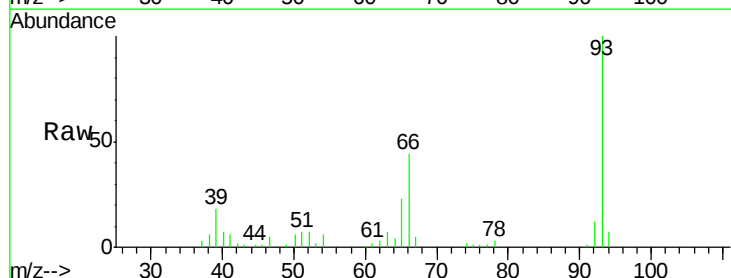
RT: 7.49 min Scan# 560

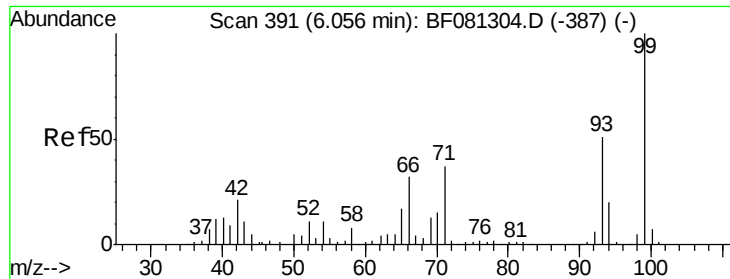
Delta R.T. -0.03 min

Lab File: BF081686.D

Acq: 17 Sep 2015 19:30

Tgt Ion:	93	Resp:	183778
Ion	Ratio	Lower	Upper
93	100		
66	43.7	27.2	40.8#
65	23.3	14.7	22.1#





#7

Phenol-d6

Concen: 153.59 ng

RT: 7.62 min Scan# 572

Delta R.T. -0.02 min

Lab File: BF081686.D

Acq: 17 Sep 2015 19:30

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MS

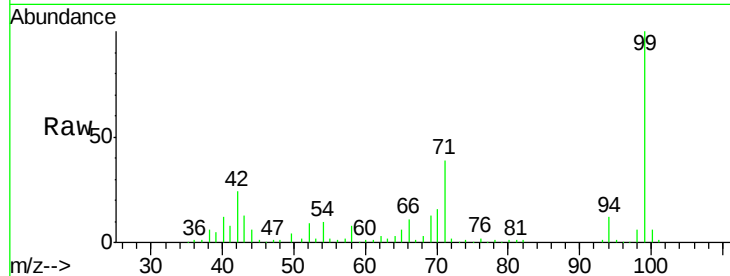
Tgt Ion: 99 Resp: 607590

Ion Ratio Lower Upper

99 100

42 24.3 13.7 20.5#

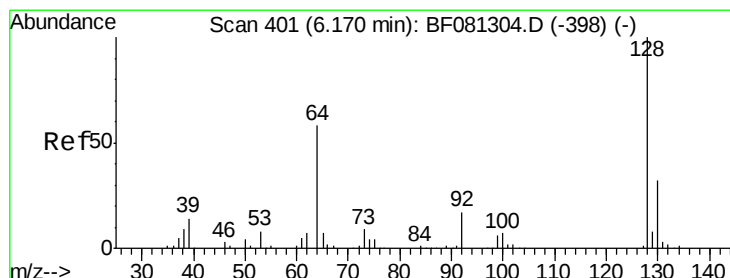
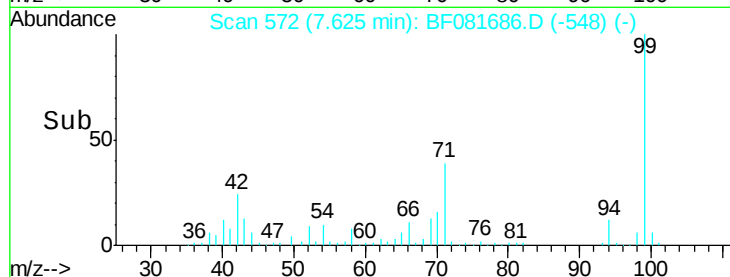
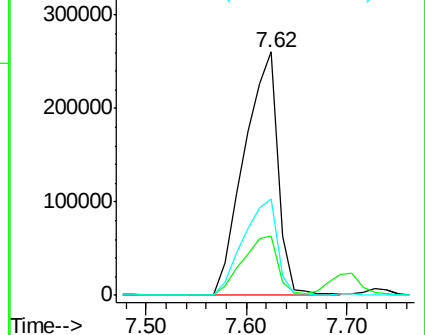
71 39.5 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 50.50 ng

RT: 7.74 min Scan# 582

Delta R.T. -0.03 min

Lab File: BF081686.D

Acq: 17 Sep 2015 19:30

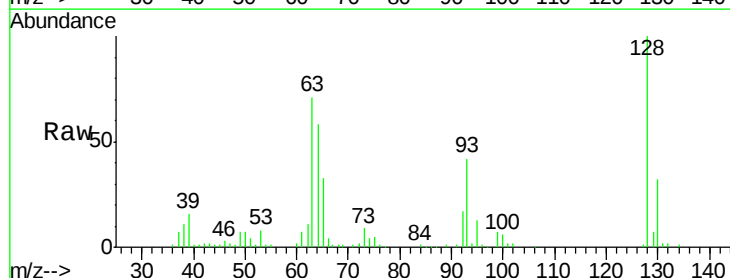
Tgt Ion: 128 Resp: 166288

Ion Ratio Lower Upper

128 100

130 31.8 12.2 52.2

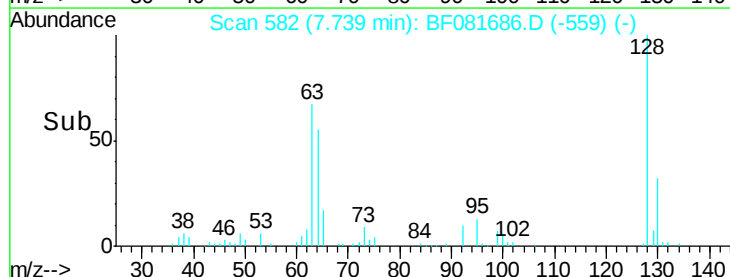
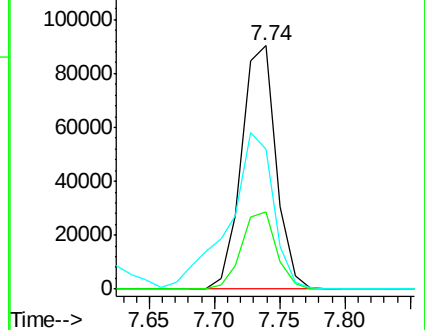
64 57.7 20.5 60.5

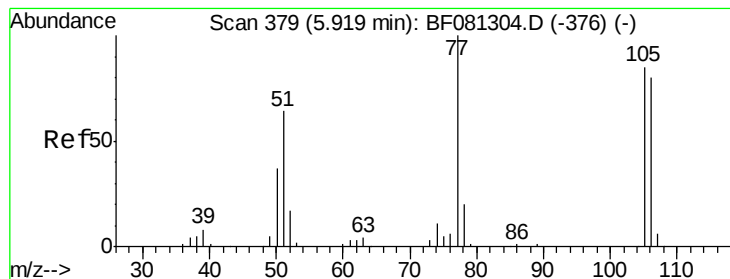


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 34.23 ng

RT: 7.20 min Scan# 535

Delta R.T. -0.03 min

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SB-14(0-0.16)MS

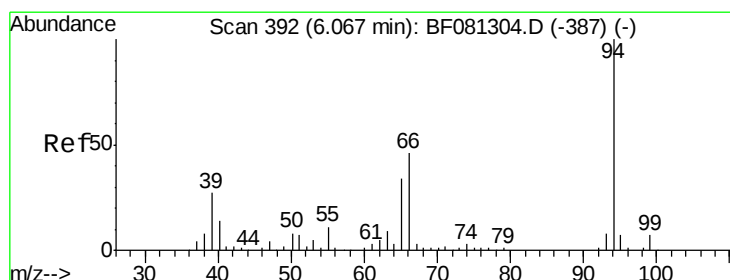
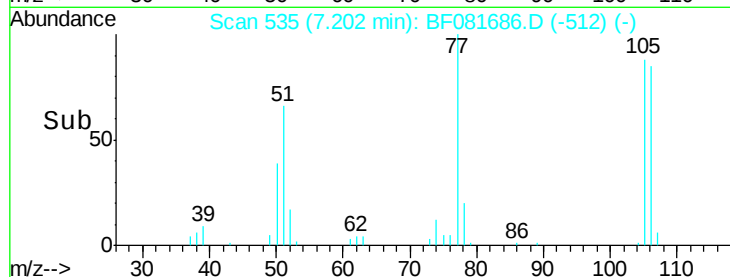
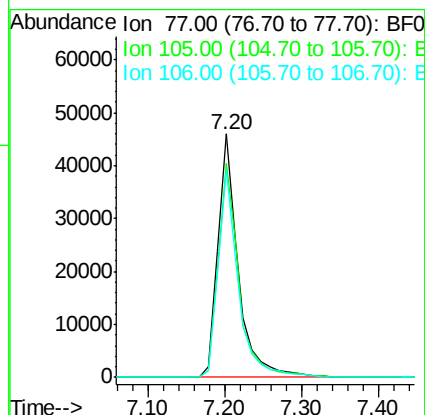
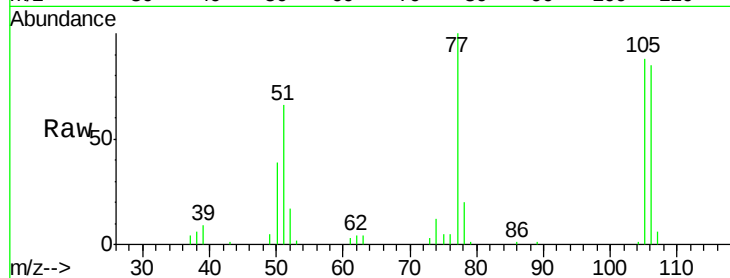
Tgt Ion: 77 Resp: 84839

Ion Ratio Lower Upper

77 100

105 87.9 91.6 131.6#

106 85.5 102.6 142.6#



#10

Phenol

Concen: 46.55 ng

RT: 7.65 min Scan# 574

Delta R.T. -0.02 min

Lab File: BF081686.D

Acq: 17 Sep 2015 19:30

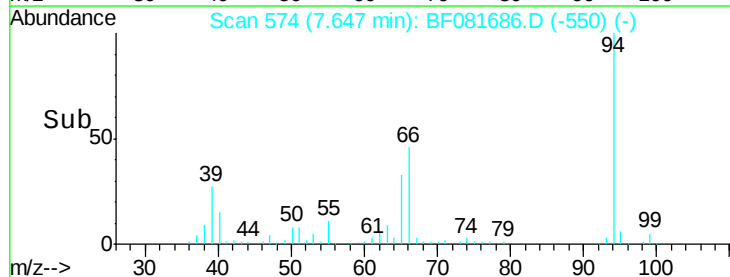
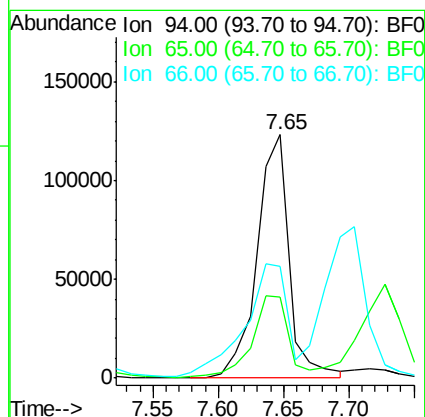
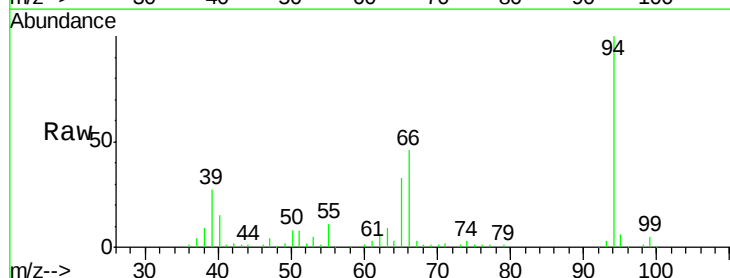
Tgt Ion: 94 Resp: 213552

Ion Ratio Lower Upper

94 100

65 33.5 0.7 40.7

66 45.7 0.8 40.8#

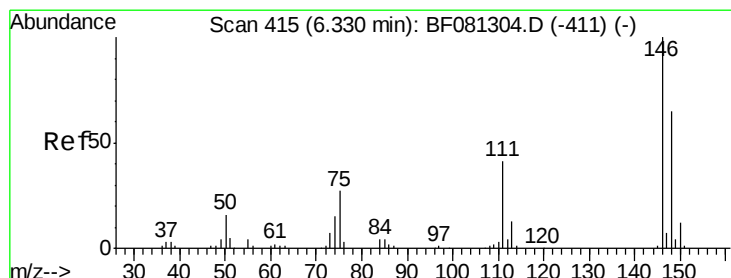
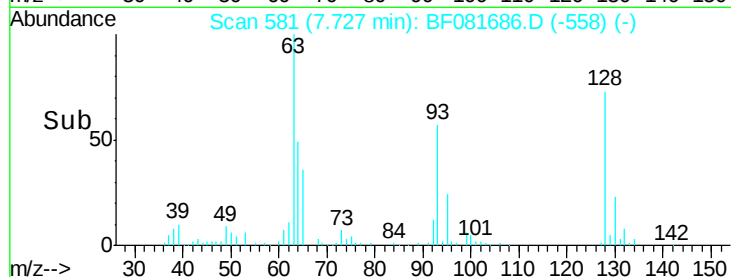
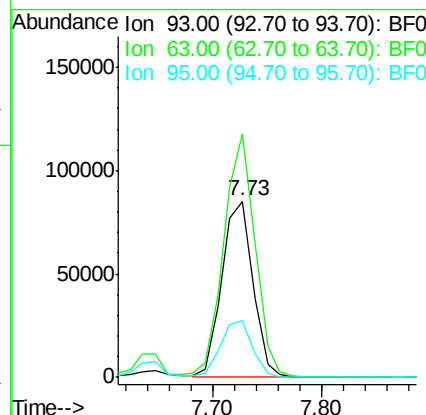
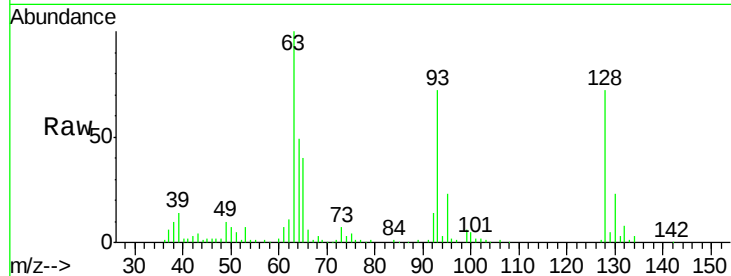




#11
 bis(2-Chloroethyl)ether
 Concen: 51.10 ng
 RT: 7.73 min Scan# 581
 Delta R.T. -0.03 min
 Lab File: BF081686.D
 Acq: 17 Sep 2015 19:30

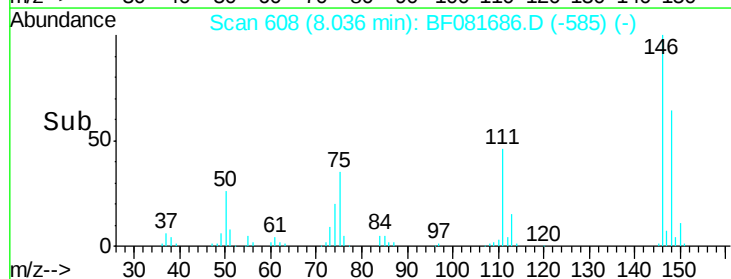
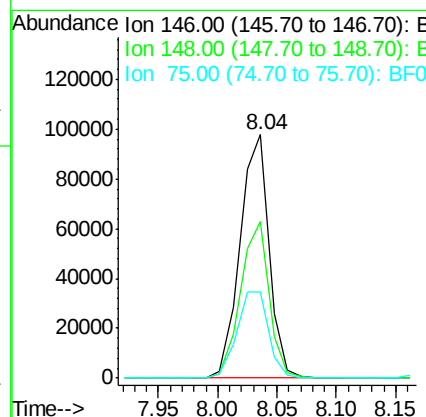
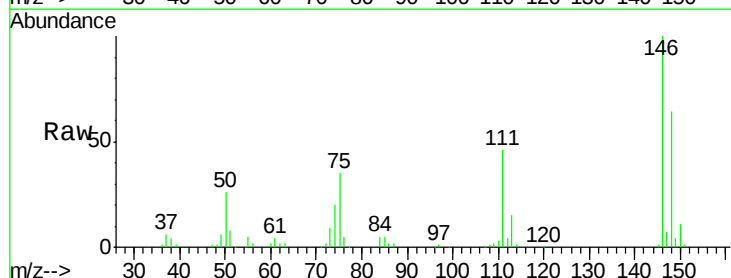
Instrument :
 BNA_F
 ClientSampleId :
 SB-14(0-0.16)MS

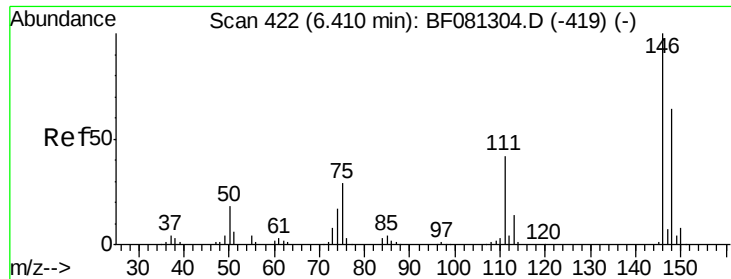
Tgt Ion: 93 Resp: 169144
 Ion Ratio Lower Upper
 93 100
 63 138.1 65.6 105.6#
 95 32.4 13.6 53.6



#12
 1,3-Dichlorobenzene
 Concen: 47.44 ng
 RT: 8.04 min Scan# 608
 Delta R.T. -0.03 min
 Lab File: BF081686.D
 Acq: 17 Sep 2015 19:30

Tgt Ion: 146 Resp: 166934
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.0 76.4
 75 35.3 15.0 22.6#

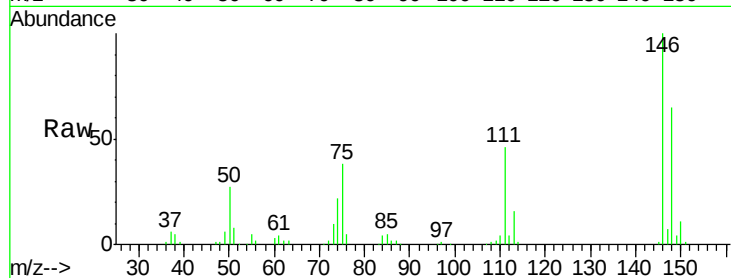




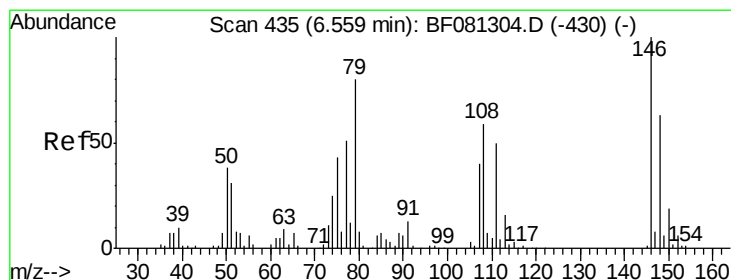
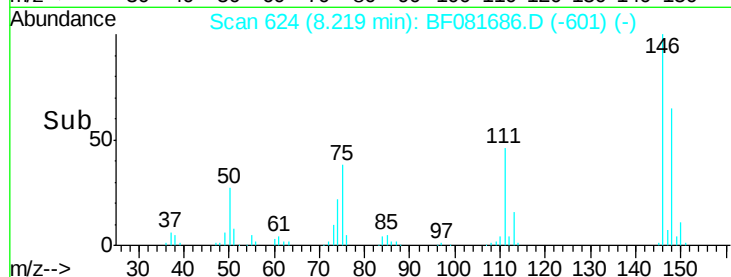
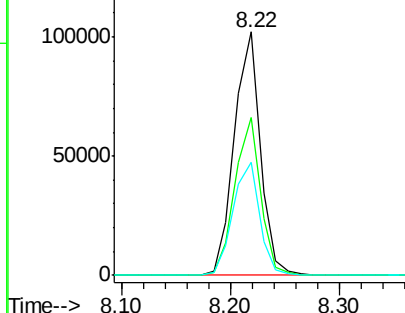
#13
 1,4-Dichlorobenzene
 Concen: 47.04 ng
 RT: 8.22 min Scan# 624
 Delta R.T. -0.03 min
 Lab File: BF081686.D
 Acq: 17 Sep 2015 19:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-14(0-0.16)MS

Tgt Ion:146 Resp: 168529
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.8 77.6
 111 46.3 24.9 37.3#

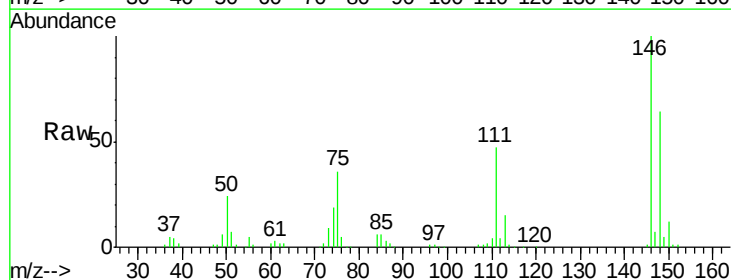


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

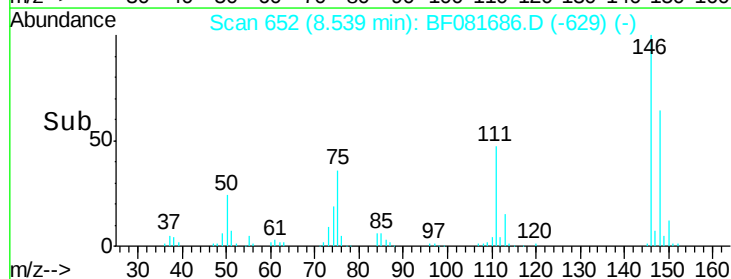
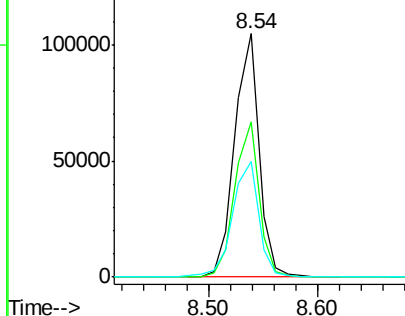


#14
 1,2-Dichlorobenzene
 Concen: 50.11 ng
 RT: 8.54 min Scan# 652
 Delta R.T. -0.03 min
 Lab File: BF081686.D
 Acq: 17 Sep 2015 19:30

Tgt Ion:146 Resp: 161630
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.7 79.1
 111 47.3 28.8 43.2#



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 51.91 ng

RT: 8.63 min Scan# 660

Delta R.T. -0.03 min

Lab File: BF081686.D

Acq: 17 Sep 2015 19:30

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MS

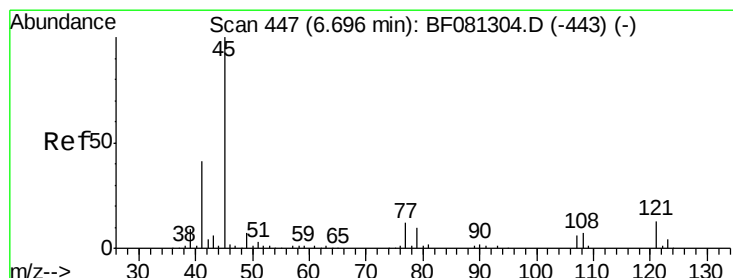
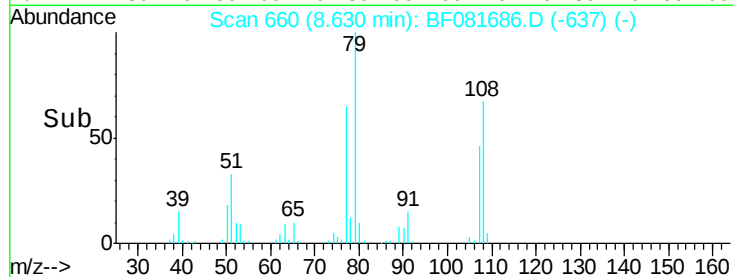
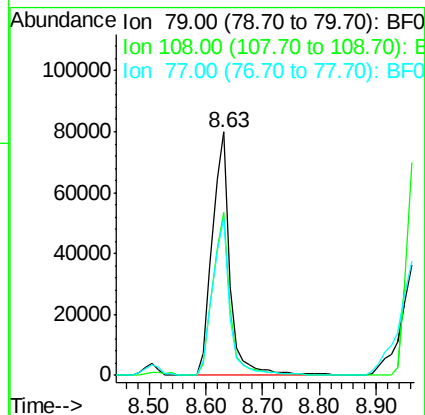
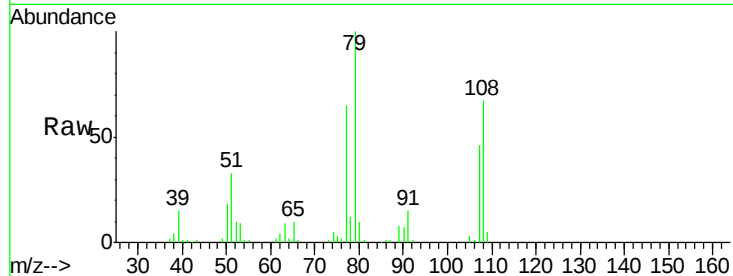
Tgt Ion: 79 Resp: 168455

Ion Ratio Lower Upper

79 100

108 66.8 88.6 132.8#

77 64.7 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 55.68 ng

RT: 8.94 min Scan# 687

Delta R.T. -0.04 min

Lab File: BF081686.D

Acq: 17 Sep 2015 19:30

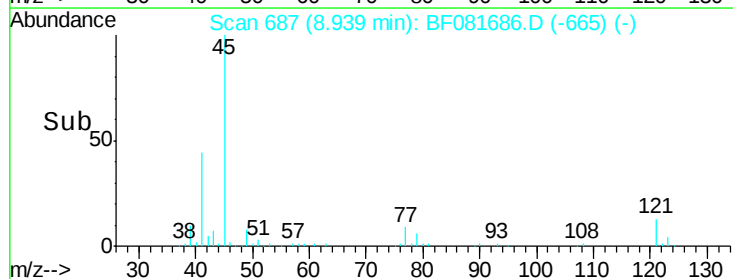
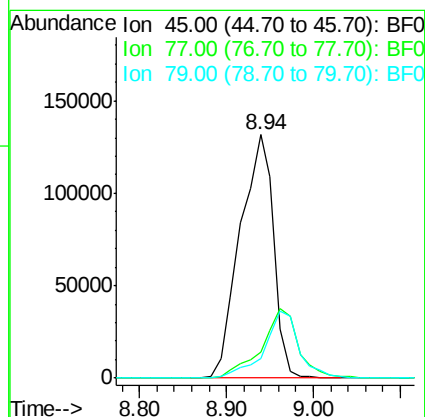
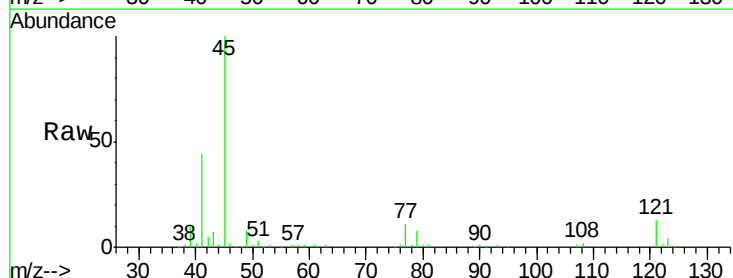
Tgt Ion: 45 Resp: 353214

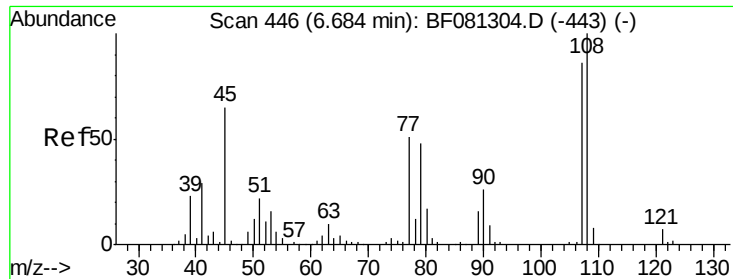
Ion Ratio Lower Upper

45 100

77 10.7 0.0 28.1

79 8.3 0.0 26.0

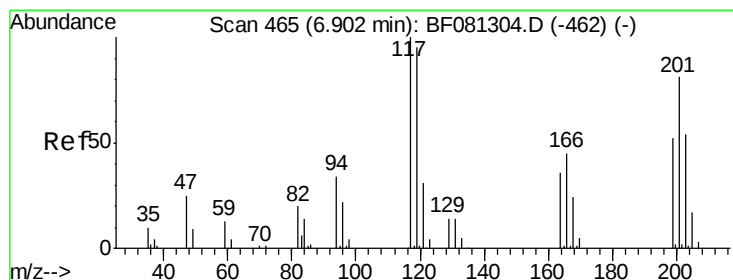
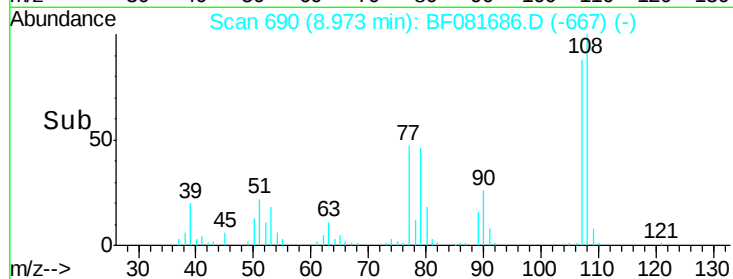
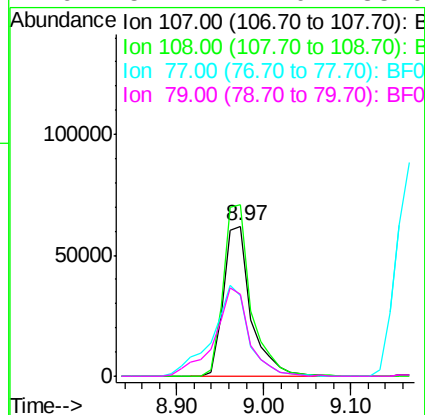
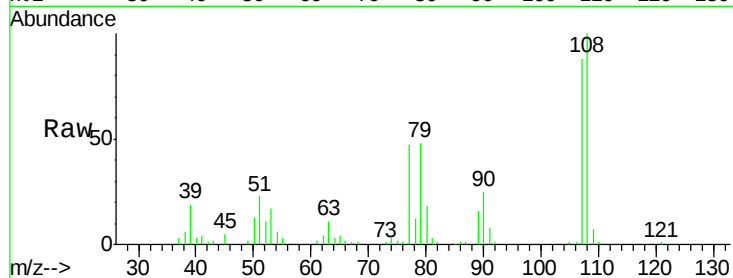




#17
2-Methylphenol
Concen: 52.13 ng
RT: 8.97 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF081686.D
Acq: 17 Sep 2015 19:30

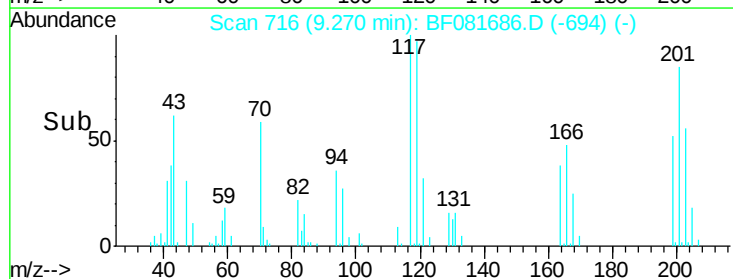
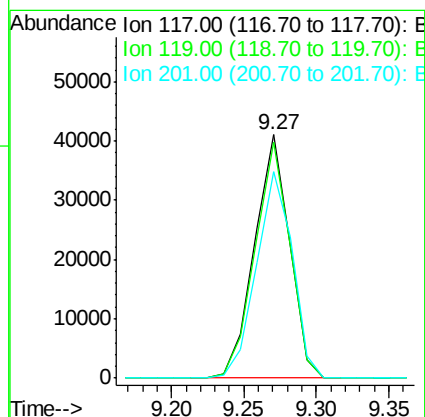
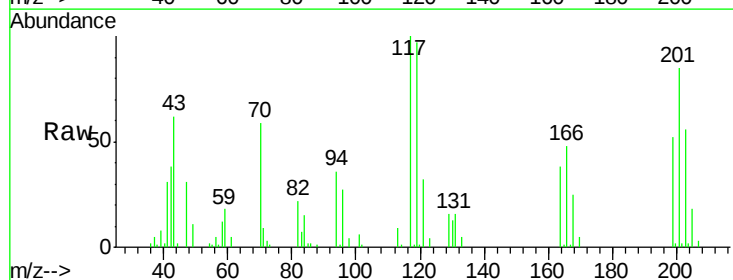
Instrument :
BNA_F
ClientSampleId :
SB-14(0-0.16)MS

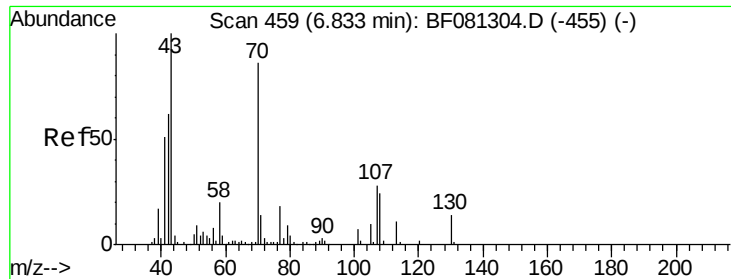
Tgt Ion:107 Resp: 136973
Ion Ratio Lower Upper
107 100
108 114.0 96.6 145.0
77 53.9 23.3 34.9#
79 54.2 22.0 33.0#



#18
Hexachloroethane
Concen: 49.25 ng
RT: 9.27 min Scan# 716
Delta R.T. -0.04 min
Lab File: BF081686.D
Acq: 17 Sep 2015 19:30

Tgt Ion:117 Resp: 68643
Ion Ratio Lower Upper
117 100
119 96.7 83.8 125.6
201 84.7 55.1 82.7#

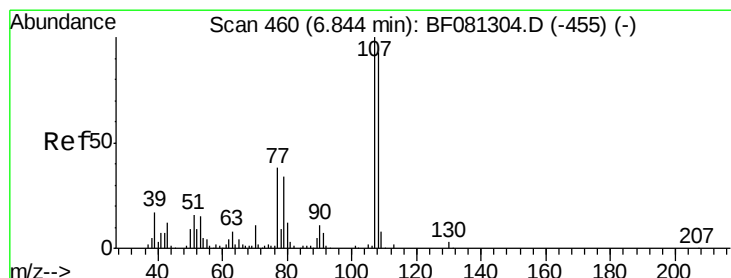
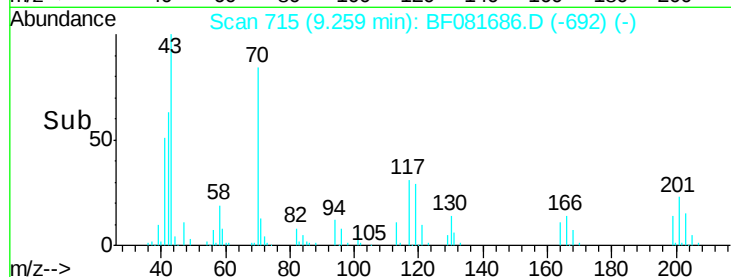
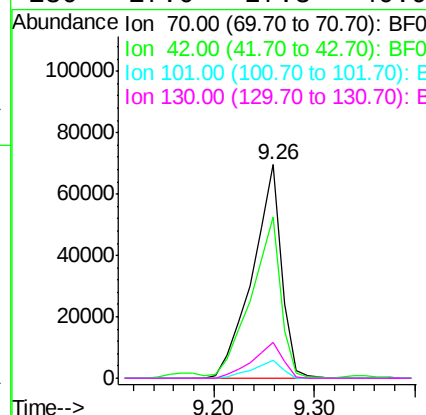
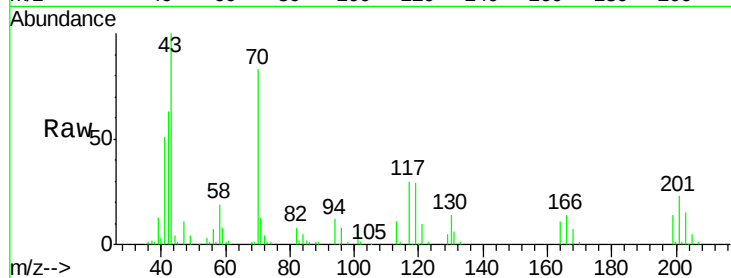




#19
n-Nitroso-di-n-propylamine
Concen: 51.77 ng
RT: 9.26 min Scan# 715
Delta R.T. -0.03 min
Lab File: BF081686.D
Acq: 17 Sep 2015 19:30

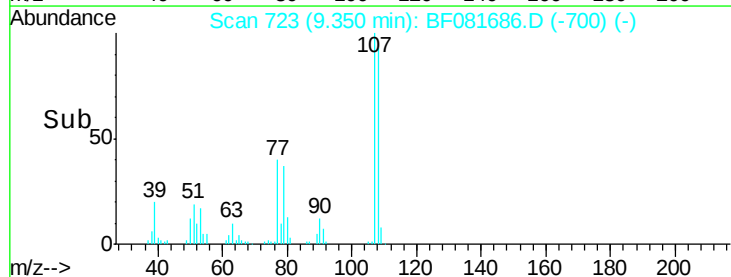
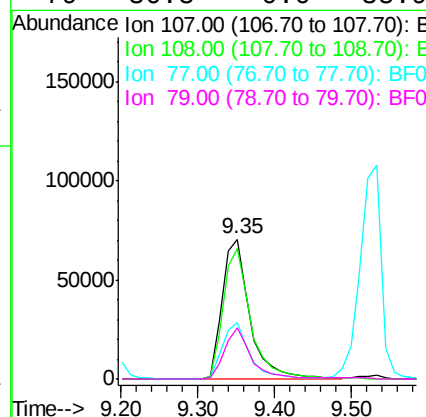
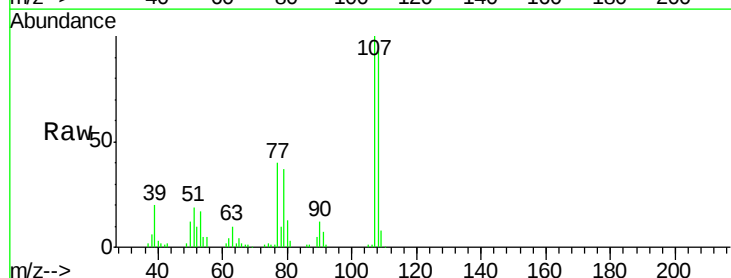
Instrument :
BNA_F
ClientSampleId :
SB-14(0-0.16)MS

Tgt Ion:	70	Resp:	139382
Ion	Ratio	Lower	Upper
70	100		
42	75.4	63.8	95.6
101	8.2	9.2	13.8#
130	17.0	27.3	40.9#



#20
3+4-Methylphenols
Concen: 50.44 ng
RT: 9.35 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF081686.D
Acq: 17 Sep 2015 19:30

Tgt Ion:	107	Resp:	178701
Ion	Ratio	Lower	Upper
107	100		
108	93.3	74.6	114.6
77	40.4	0.7	40.7
79	36.8	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.08 min Scan# 874

Delta R.T. -0.04 min

Lab File: BF081686.D

Acq: 17 Sep 2015 19:30

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MS

Tgt Ion:136 Resp: 188567

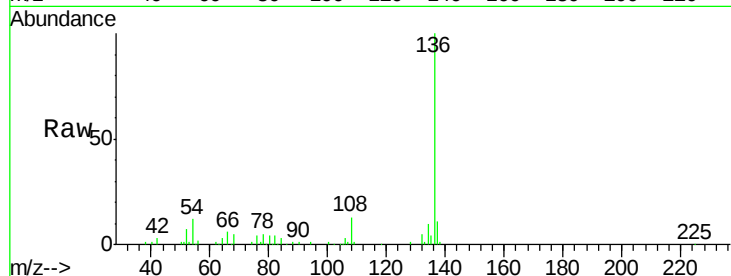
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 12.4 8.2 12.2#

68 5.2 5.8 8.6#

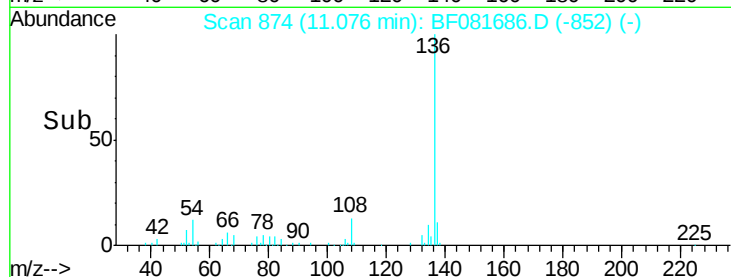


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

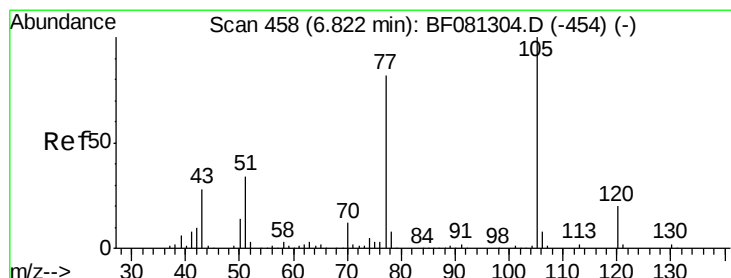
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

11.08



#22

Acetophenone

Concen: 48.97 ng

RT: 9.17 min Scan# 707

Delta R.T. -0.04 min

Lab File: BF081686.D

Acq: 17 Sep 2015 19:30

Tgt Ion:105 Resp: 252213

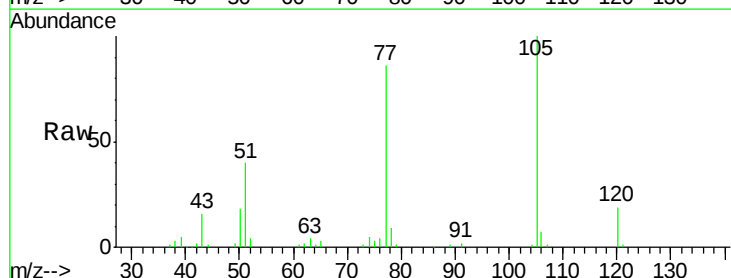
Ion Ratio Lower Upper

105 100

71 0.0 4.7 7.1#

51 40.5 22.0 33.0#

120 19.3 30.1 45.1#

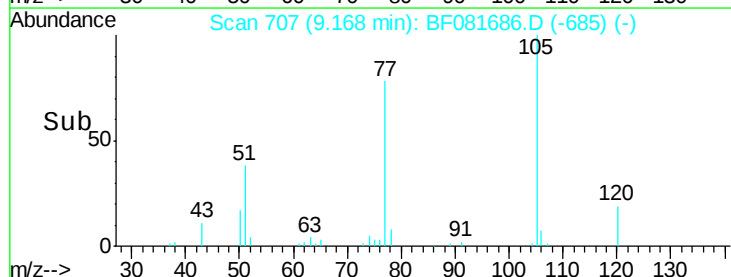


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

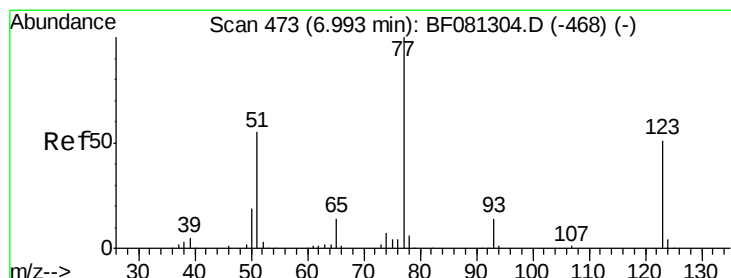
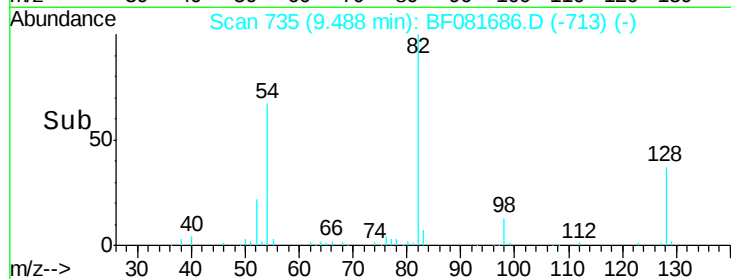
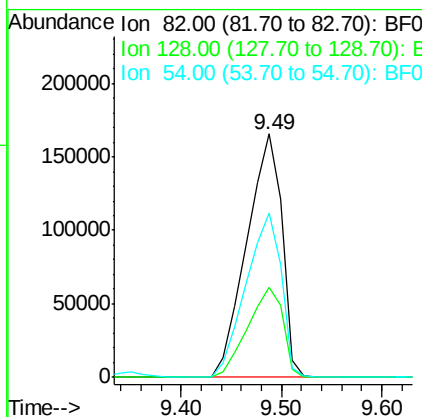
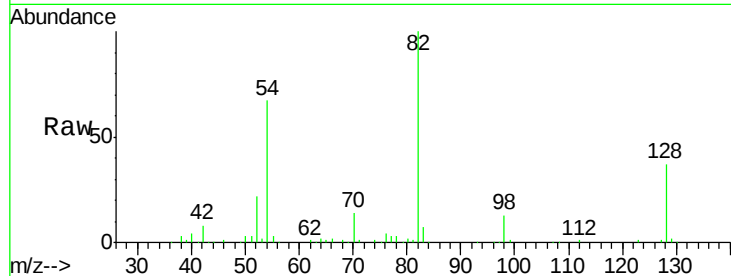
9.17



#23
 Nitrobenzene-d5
 Concen: 102.70 ng
 RT: 9.49 min Scan# 735
 Delta R.T. -0.04 min
 Lab File: BF081686.D
 Acq: 17 Sep 2015 19:30

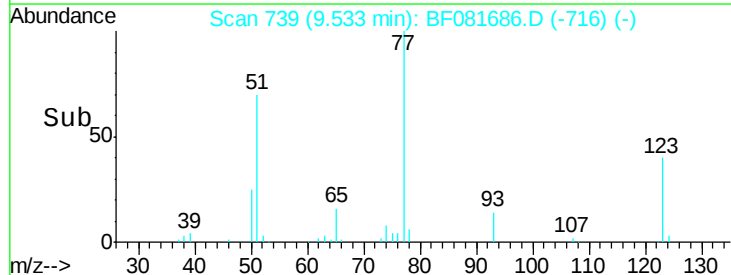
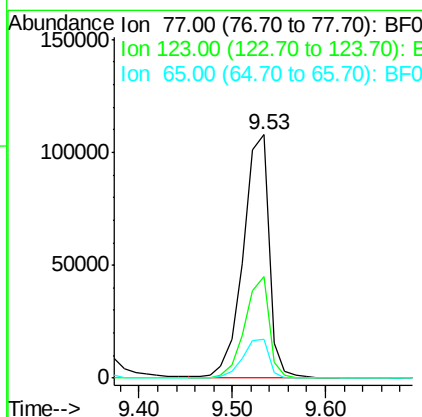
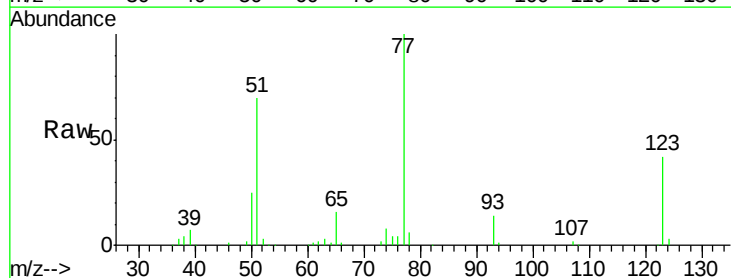
Instrument :
 BNA_F
 ClientSampleId :
 SB-14(0-0.16)MS

Tgt Ion: 82 Resp: 401375
 Ion Ratio Lower Upper
 82 100
 128 36.8 51.0 76.6#
 54 67.5 47.5 71.3



#24
 Nitrobenzene
 Concen: 51.52 ng
 RT: 9.53 min Scan# 739
 Delta R.T. -0.03 min
 Lab File: BF081686.D
 Acq: 17 Sep 2015 19:30

Tgt Ion: 77 Resp: 209120
 Ion Ratio Lower Upper
 77 100
 123 41.6 59.8 89.8#
 65 15.9 10.2 15.4#





#25

Isophorone

Concen: 49.33 ng

RT: 10.13 min Scan# 791

Delta R.T. -0.03 min

Lab File: BF081686.D

Acq: 17 Sep 2015 19:30

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MS

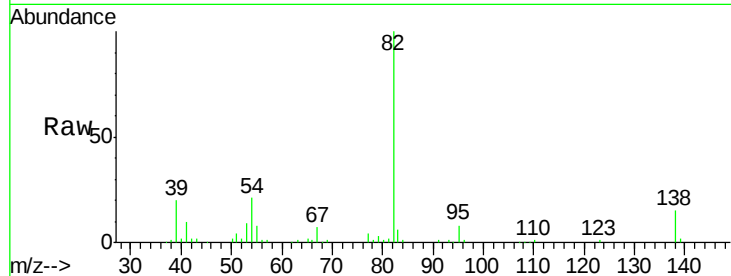
Tgt Ion: 82 Resp: 358645

Ion Ratio Lower Upper

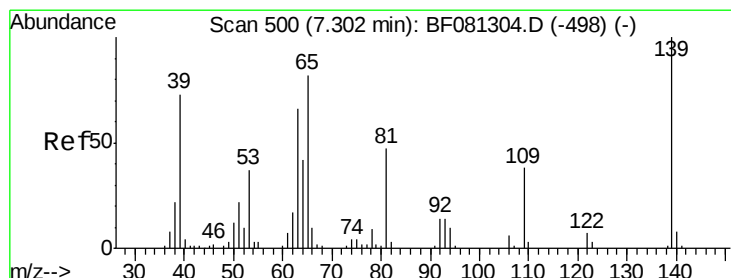
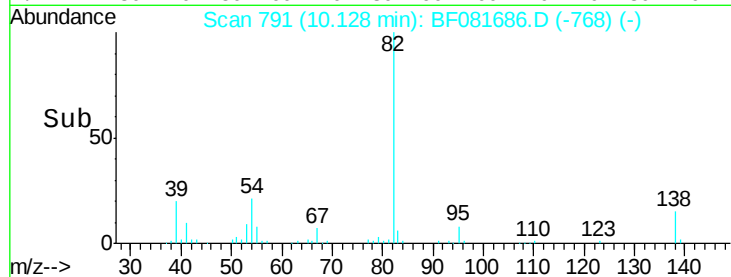
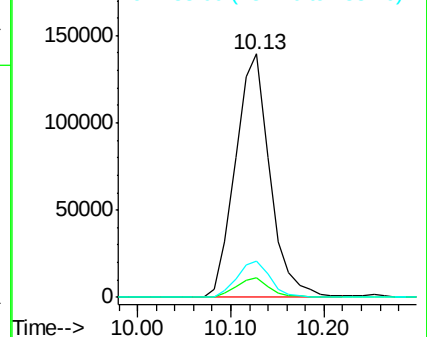
82 100

95 7.8 4.0 6.0#

138 14.9 18.3 27.5#



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: 48.97 ng

RT: 10.25 min Scan# 802

Delta R.T. -0.04 min

Lab File: BF081686.D

Acq: 17 Sep 2015 19:30

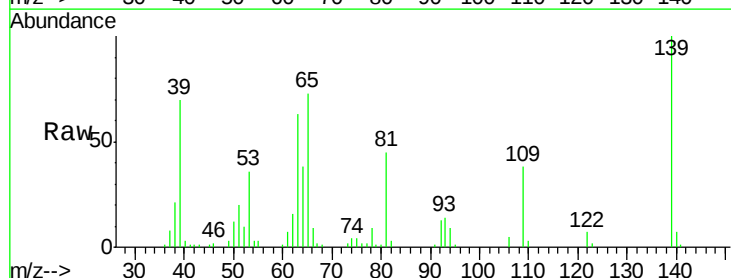
Tgt Ion: 139 Resp: 86622

Ion Ratio Lower Upper

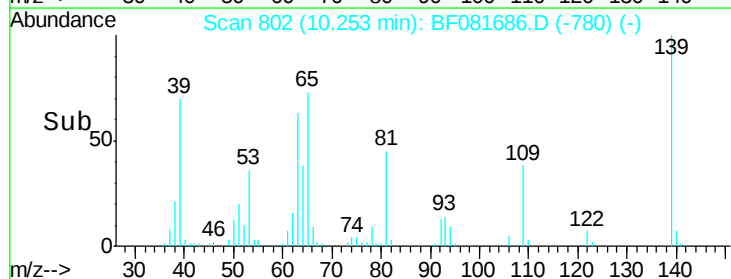
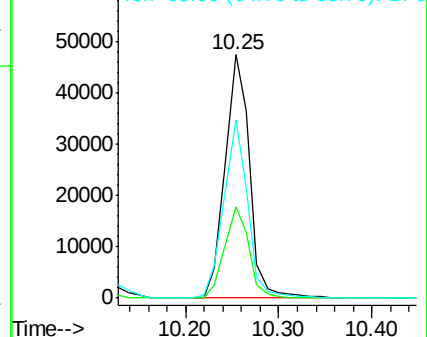
139 100

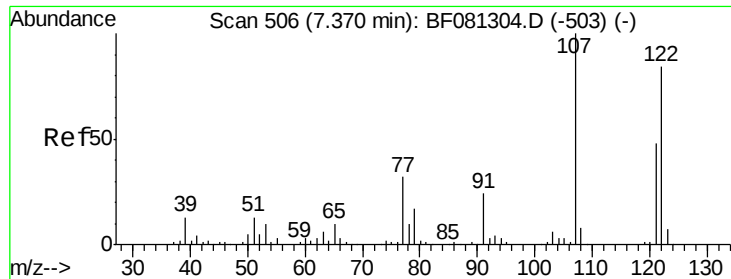
109 37.6 11.0 16.4#

65 73.3 24.7 37.1#



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

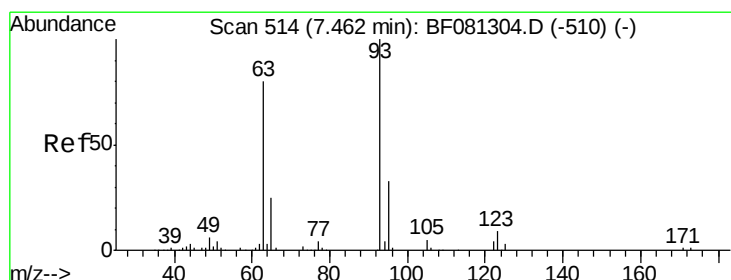
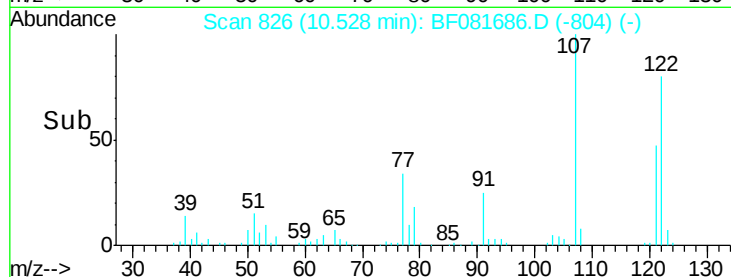
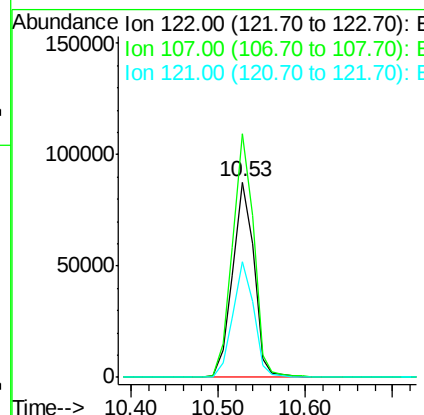
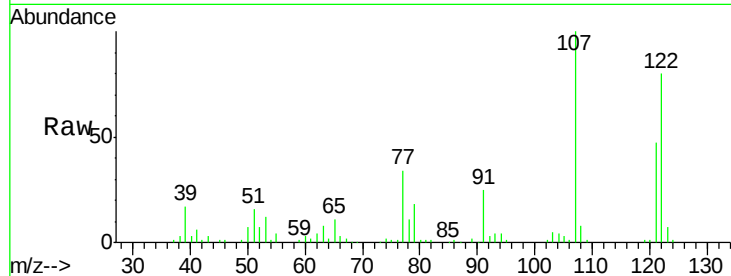




#27
 2,4-Dimethylphenol
 Concen: 49.22 ng
 RT: 10.53 min Scan# 826
 Delta R.T. -0.04 min
 Lab File: BF081686.D
 Acq: 17 Sep 2015 19:30

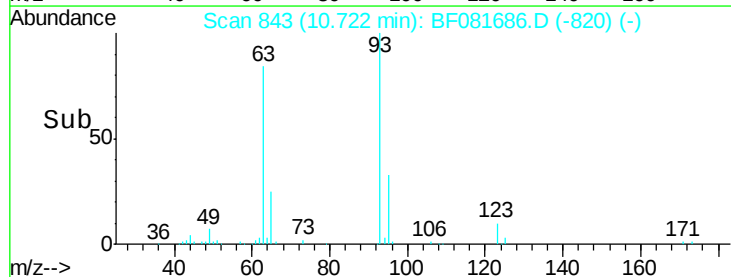
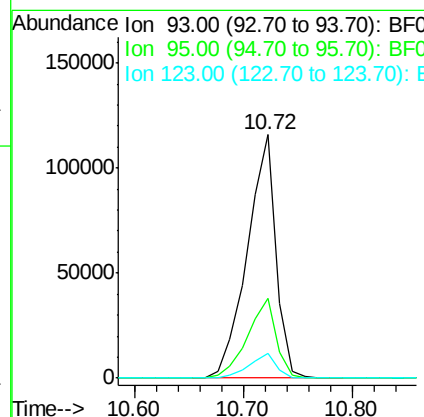
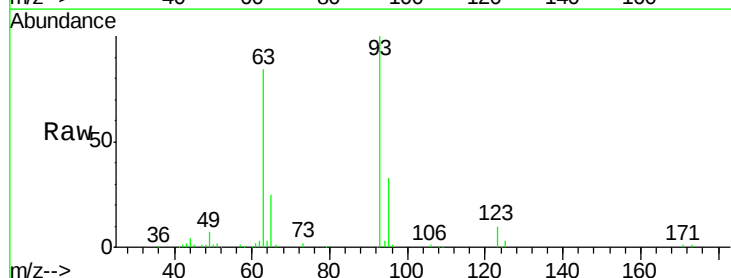
Instrument :
 BNA_F
 ClientSampleId :
 SB-14(0-0.16)MS

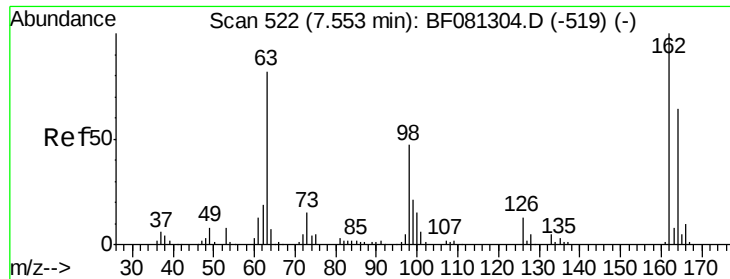
Tgt Ion: 122 Resp: 150397
 Ion Ratio Lower Upper
 122 100
 107 124.5 71.8 107.6#
 121 58.9 42.3 63.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.50 ng
 RT: 10.72 min Scan# 843
 Delta R.T. -0.03 min
 Lab File: BF081686.D
 Acq: 17 Sep 2015 19:30

Tgt Ion: 93 Resp: 212037
 Ion Ratio Lower Upper
 93 100
 95 32.7 27.5 41.3
 123 10.1 13.7 20.5#

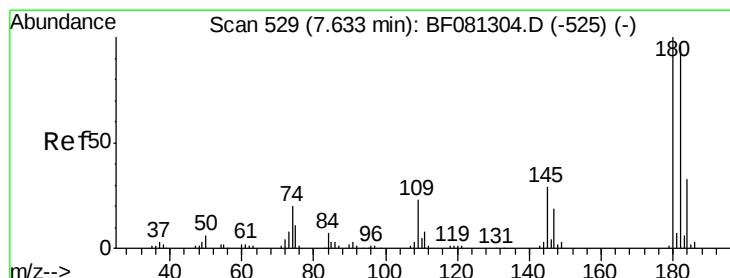
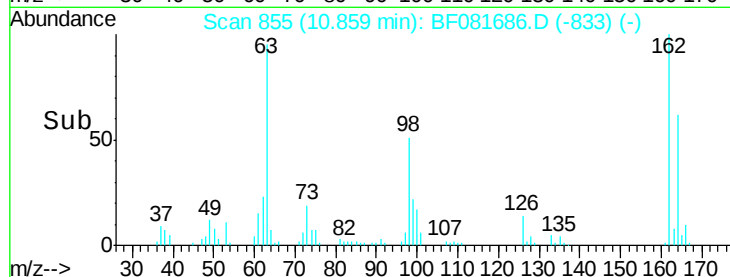
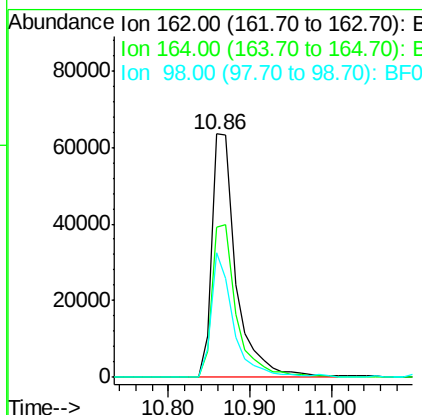
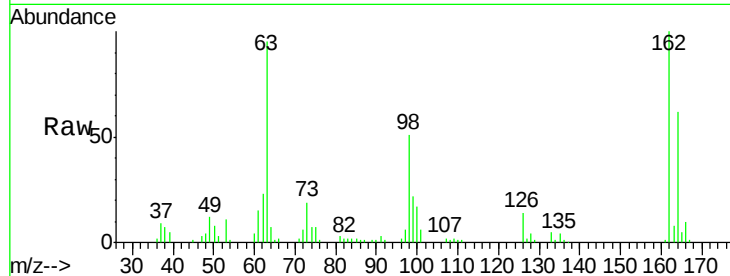




#29
2,4-Dichlorophenol
Concen: 49.96 ng
RT: 10.86 min Scan# 855
Delta R.T. -0.04 min
Lab File: BF081686.D
Acq: 17 Sep 2015 19:30

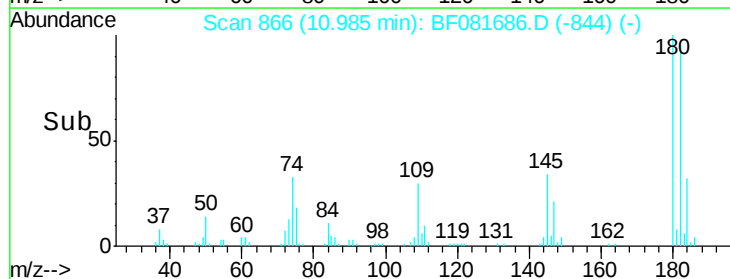
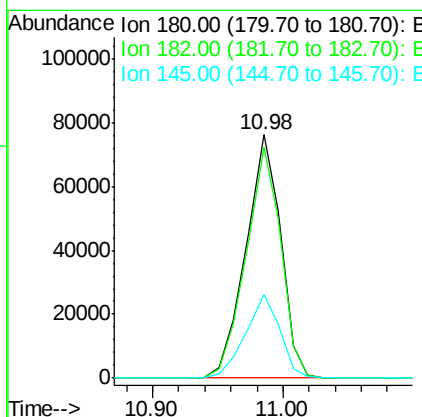
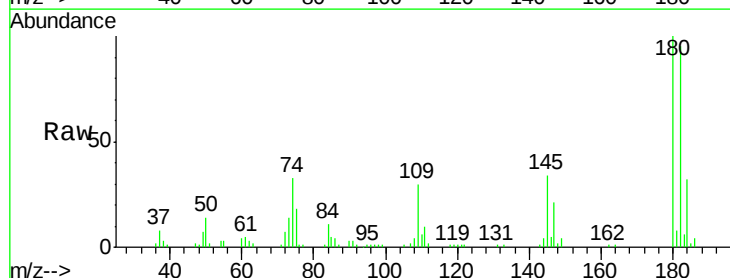
Instrument :
BNA_F
ClientSampleId :
SB-14(0-0.16)MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.7	44.9	84.9
98	51.1	13.0	53.0



#30
1,2,4-Trichlorobenzene
Concen: 49.40 ng
RT: 10.98 min Scan# 866
Delta R.T. -0.04 min
Lab File: BF081686.D
Acq: 17 Sep 2015 19:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	77.1	115.7
145	34.1	23.3	34.9





#31

Naphthalene

Concen: 49.08 ng

RT: 11.13 min Scan# 879

Delta R.T. -0.03 min

Lab File: BF081686.D

Acq: 17 Sep 2015 19:30

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MS

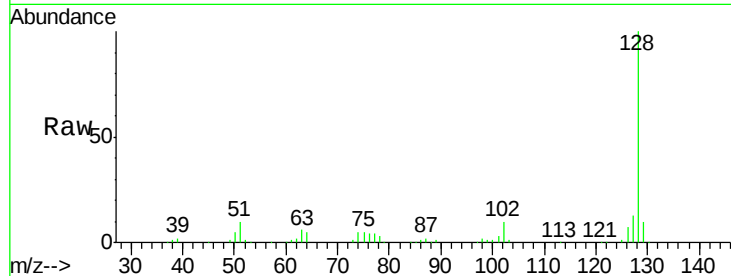
Tgt Ion:128 Resp: 493578

Ion Ratio Lower Upper

128 100

129 10.4 8.4 12.6

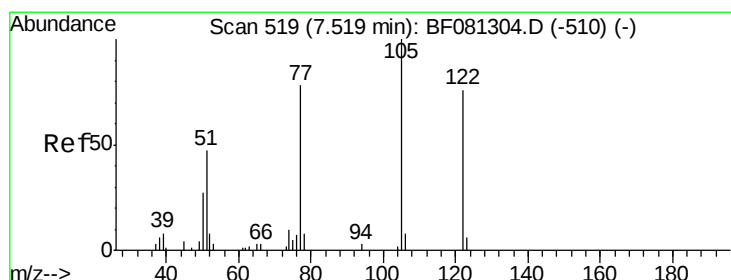
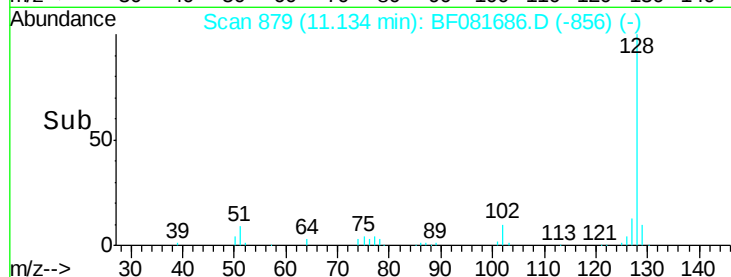
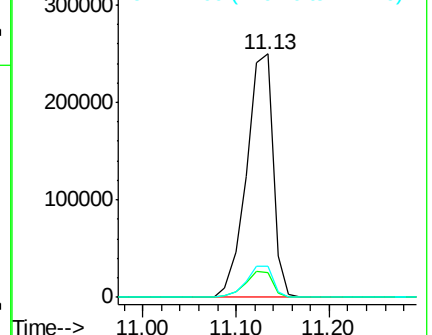
127 12.9 9.9 14.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 3.68 ng

RT: 10.98 min Scan# 866

Delta R.T. -0.10 min

Lab File: BF081686.D

Acq: 17 Sep 2015 19:30

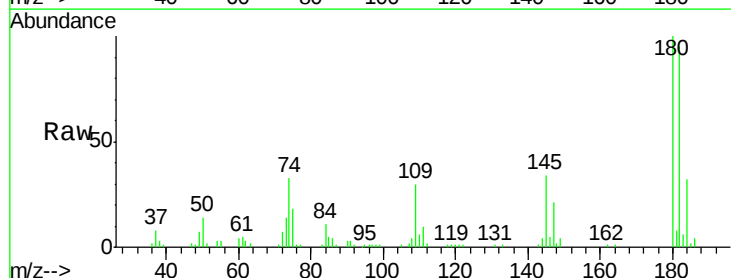
Tgt Ion:122 Resp: 2610

Ion Ratio Lower Upper

122 100

105 57.0 76.1 116.1#

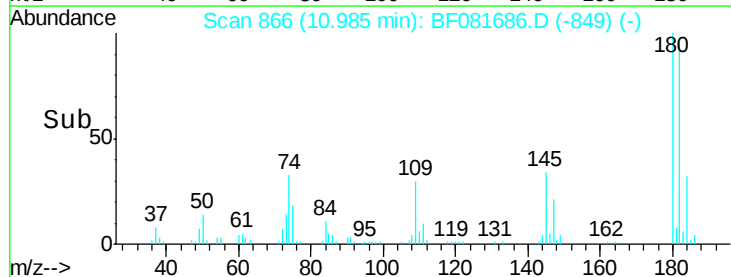
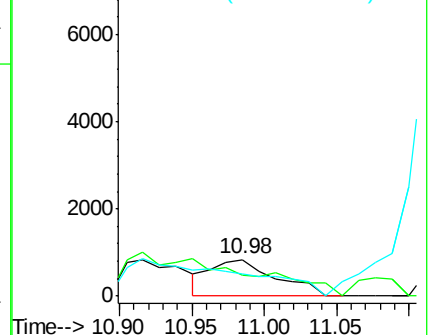
77 61.8 40.5 80.5

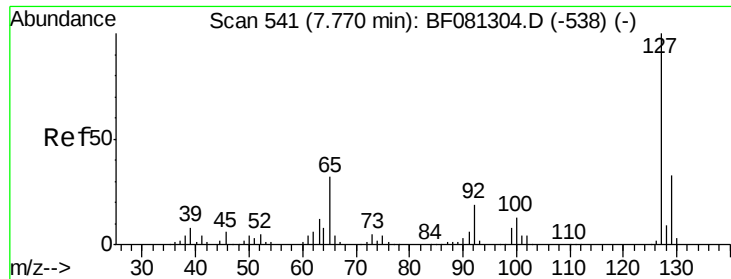


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

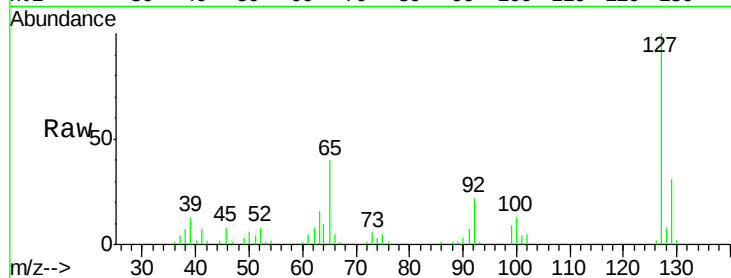




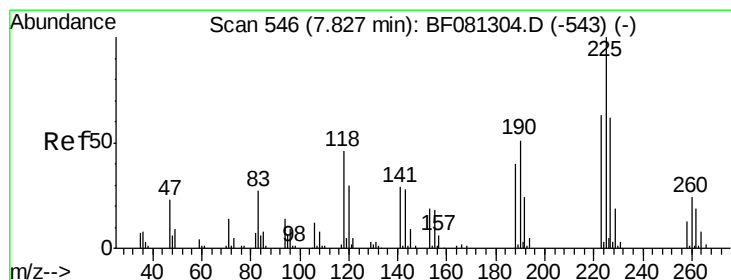
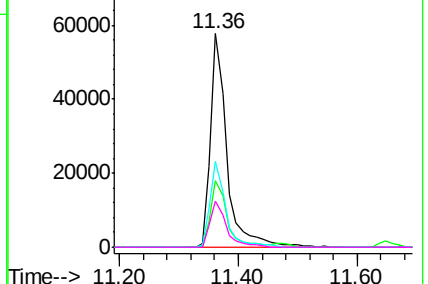
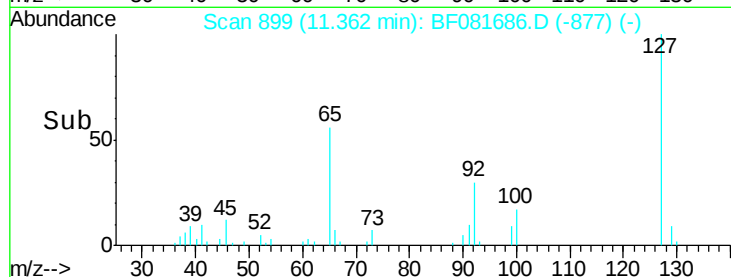
#33
4-Chloroaniline
Concen: 26.79 ng
RT: 11.36 min Scan# 899
Delta R.T. -0.04 min
Lab File: BF081686.D
Acq: 17 Sep 2015 19:30

Instrument :
BNA_F
ClientSampleId :
SB-14(0-0.16)MS

Tgt Ion:	127	Resp:	109903
Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.8	38.6
65	40.5	17.9	26.9#
92	21.9	10.5	15.7#

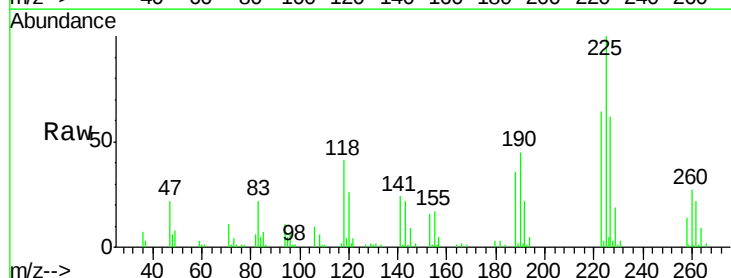


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

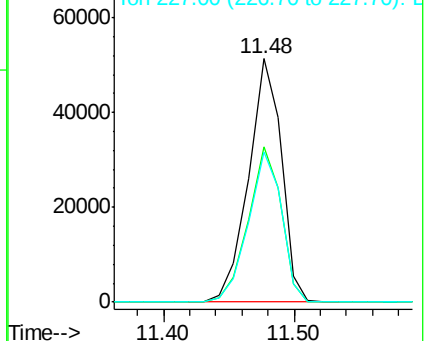
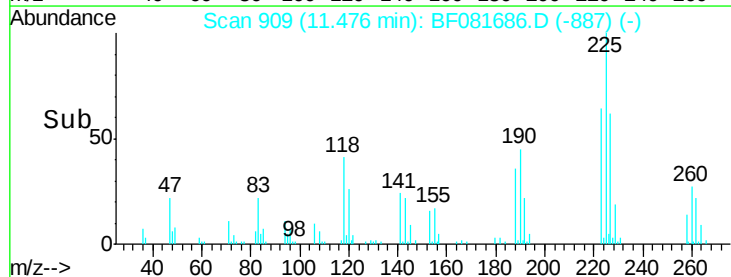


#34
Hexachlorobutadiene
Concen: 51.64 ng
RT: 11.48 min Scan# 909
Delta R.T. -0.04 min
Lab File: BF081686.D
Acq: 17 Sep 2015 19:30

Tgt Ion:	225	Resp:	90450
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.2	75.2
227	61.9	52.2	78.2



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

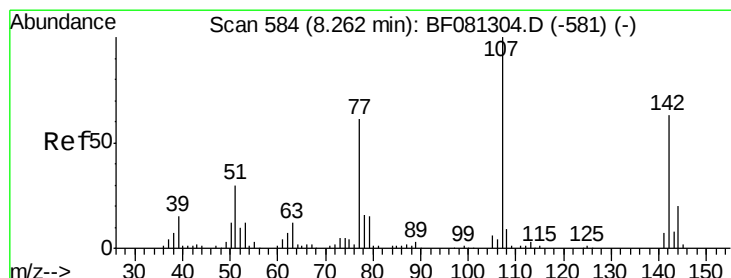
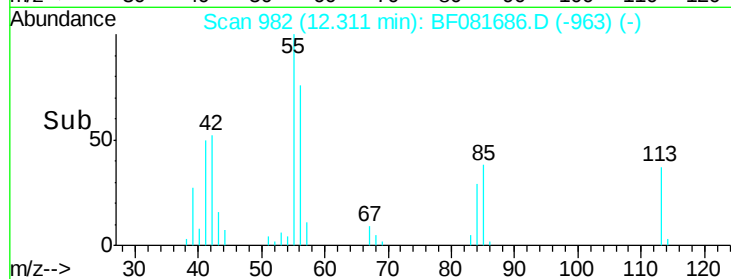
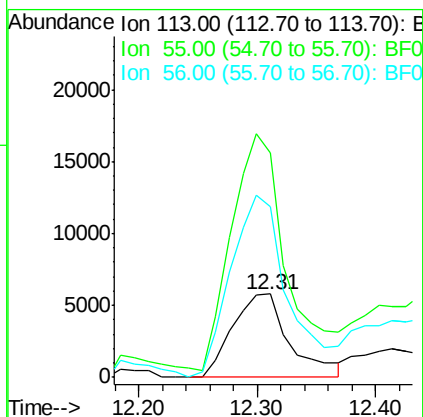
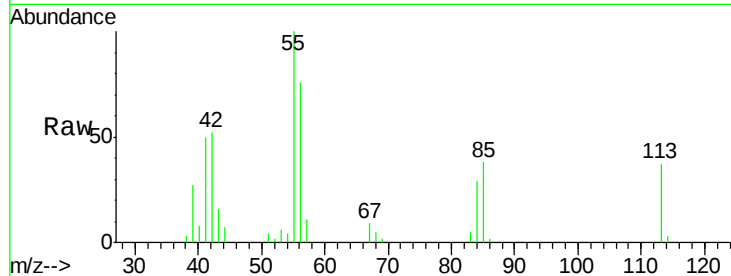




#35
 Caprolactam
 Concen: 23.92 ng
 RT: 12.31 min Scan# 982
 Delta R.T. -0.08 min
 Lab File: BF081686.D
 Acq: 17 Sep 2015 19:30

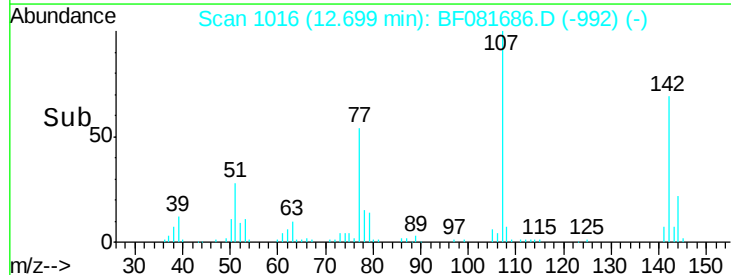
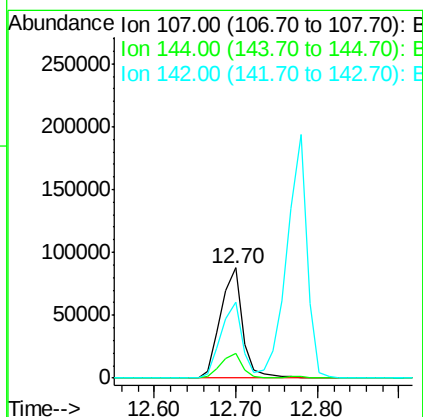
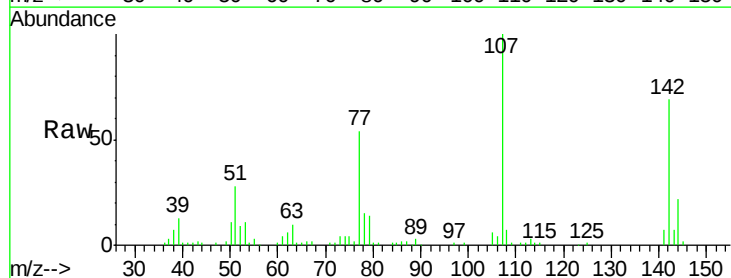
Instrument :
 BNA_F
 ClientSampleId :
 SB-14(0-0.16)MS

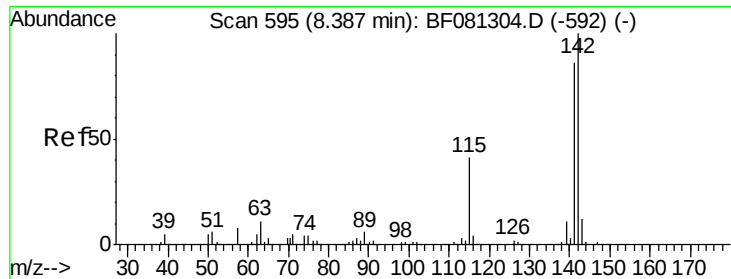
Tgt Ion:113 Resp: 19440
 Ion Ratio Lower Upper
 113 100
 55 269.8 152.4 192.4#
 56 205.3 104.6 144.6#



#36
 4-Chloro-3-methylphenol
 Concen: 55.62 ng
 RT: 12.70 min Scan# 1016
 Delta R.T. -0.02 min
 Lab File: BF081686.D
 Acq: 17 Sep 2015 19:30

Tgt Ion:107 Resp: 164961
 Ion Ratio Lower Upper
 107 100
 144 22.4 25.4 38.0#
 142 69.2 77.3 115.9#

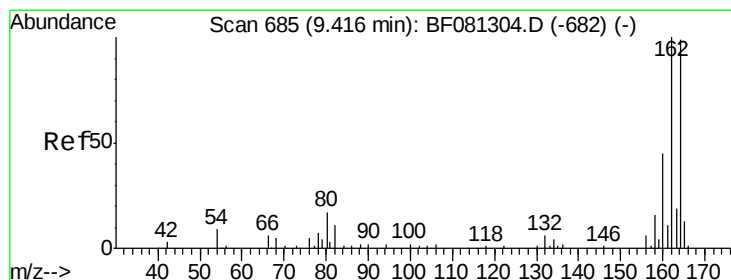
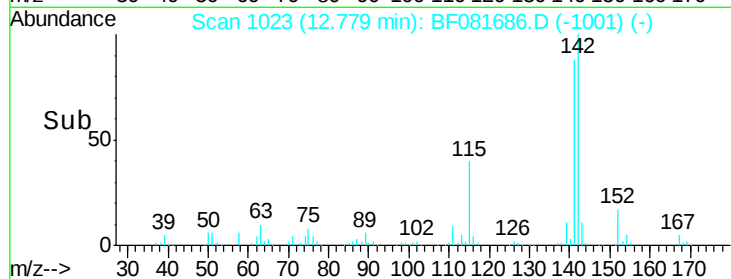
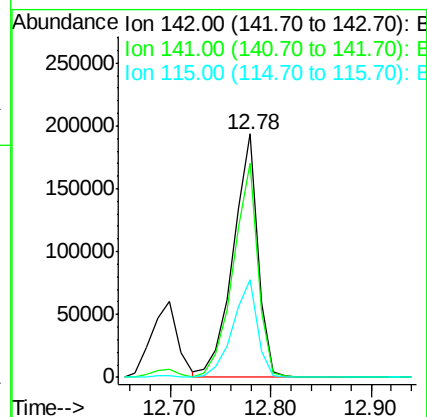
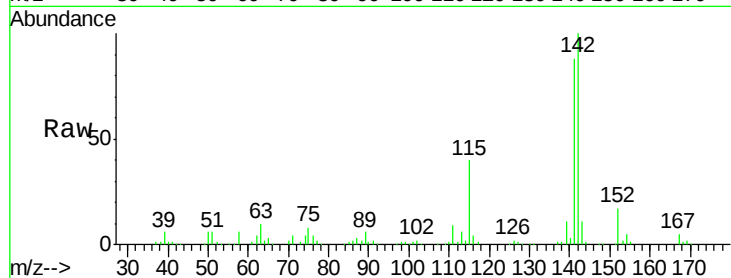




#37
 2-Methylnaphthalene
 Concen: 50.75 ng
 RT: 12.78 min Scan# 1023
 Delta R.T. -0.04 min
 Lab File: BF081686.D
 Acq: 17 Sep 2015 19:30

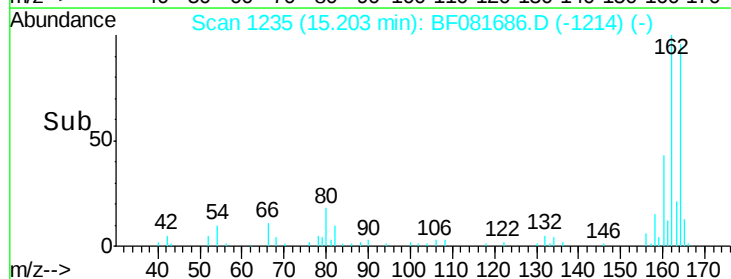
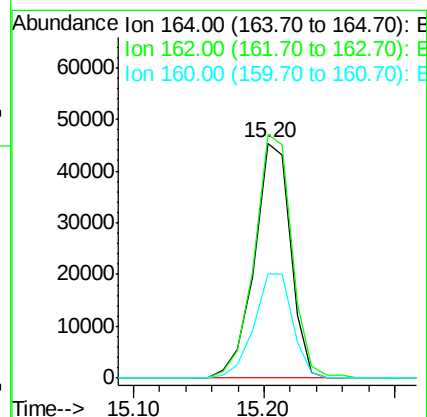
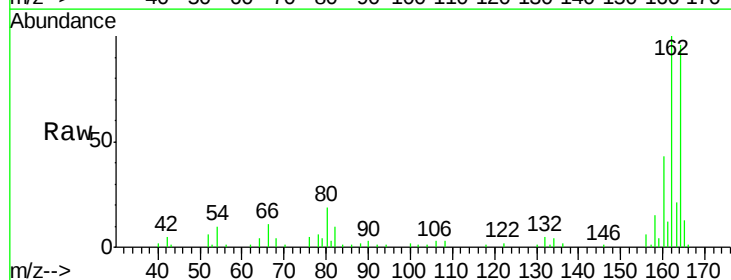
Instrument :
 BNA_F
 ClientSampleId :
 SB-14(0-0.16)MS

Tgt Ion:142 Resp: 332147
 Ion Ratio Lower Upper
 142 100
 141 88.0 67.5 101.3
 115 40.1 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.20 min Scan# 1235
 Delta R.T. -0.06 min
 Lab File: BF081686.D
 Acq: 17 Sep 2015 19:30

Tgt Ion:164 Resp: 88136
 Ion Ratio Lower Upper
 164 100
 162 103.7 75.2 112.8
 160 44.2 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 51.13 ng

RT: 13.19 min Scan# 1059

Delta R.T. -0.03 min

Lab File: BF081686.D

Acq: 17 Sep 2015 19:30

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MS

Tgt Ion:216 Resp: 142511

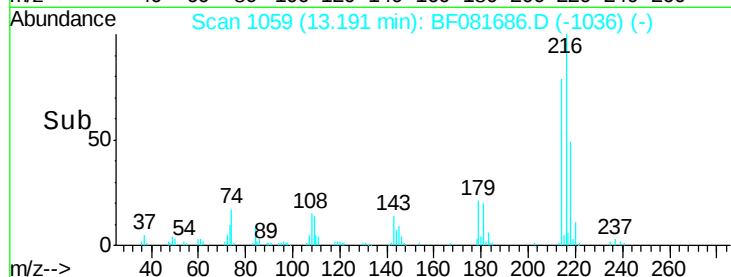
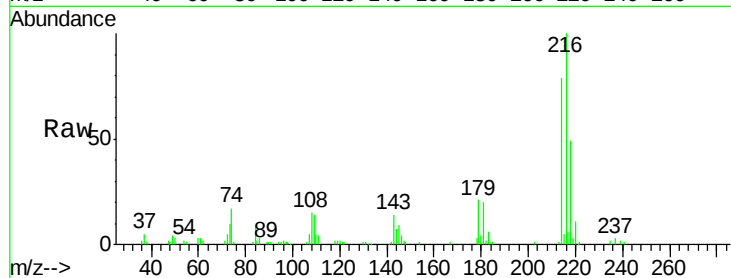
Ion Ratio Lower Upper

216 100

214 79.0 63.5 95.3

179 22.2 16.6 24.8

108 22.4 16.3 24.5

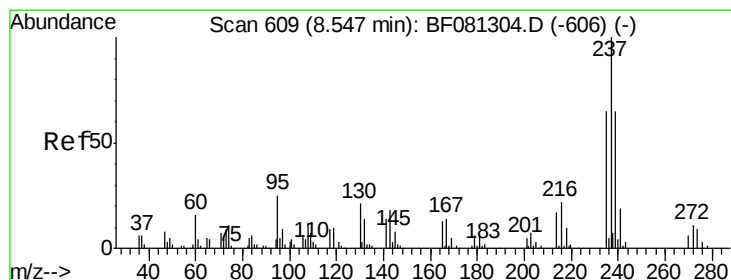
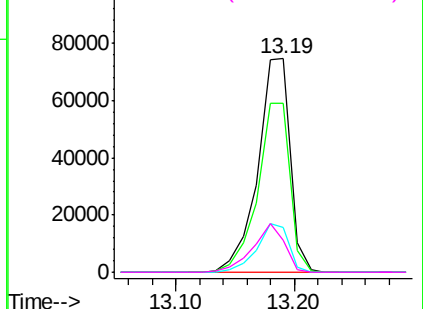


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 88.41 ng

RT: 13.17 min Scan# 1057

Delta R.T. -0.04 min

Lab File: BF081686.D

Acq: 17 Sep 2015 19:30

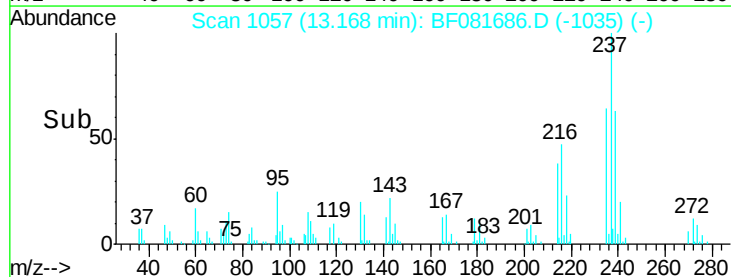
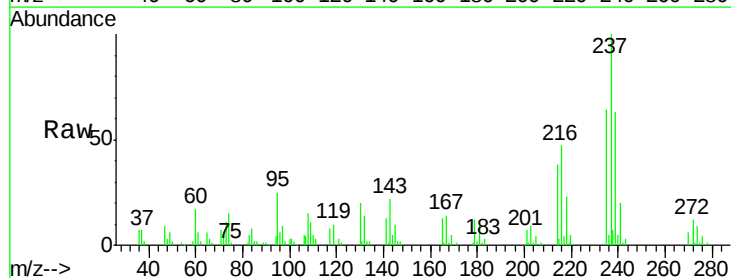
Tgt Ion:237 Resp: 120938

Ion Ratio Lower Upper

237 100

235 63.8 42.0 82.0

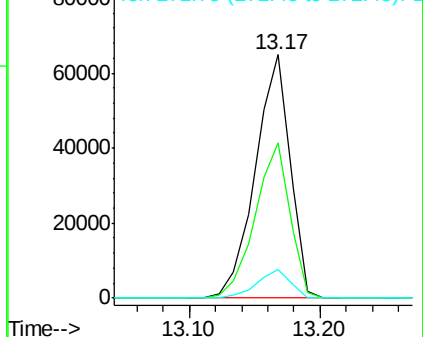
272 11.5 0.0 36.1

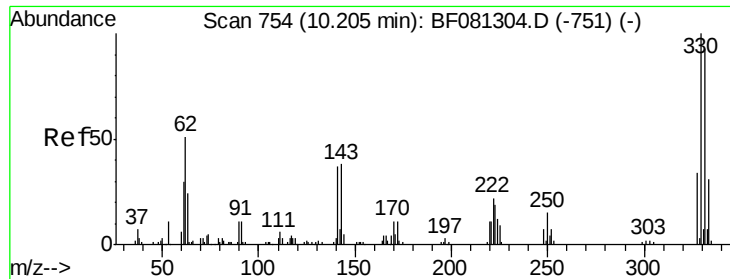


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

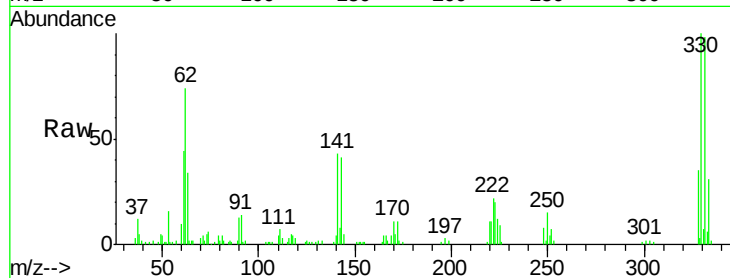




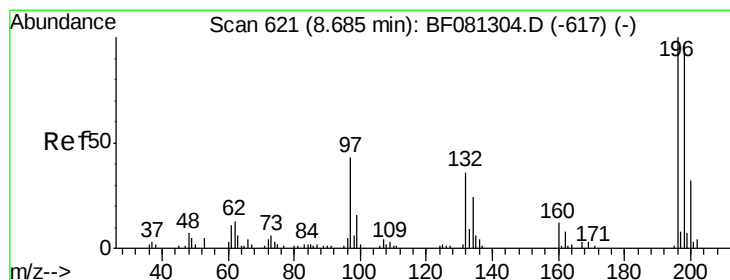
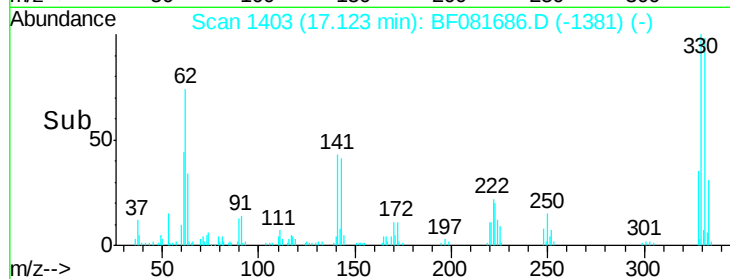
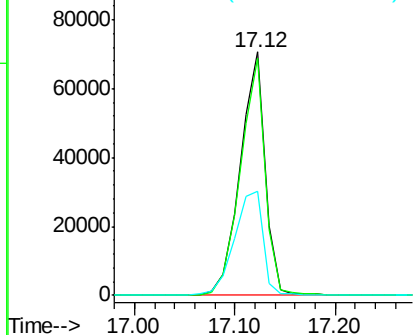
#41
 2,4,6-Tribromophenol
 Concen: 154.70 ng
 RT: 17.12 min Scan# 1403
 Delta R.T. -0.04 min
 Lab File: BF081686.D
 Acq: 17 Sep 2015 19:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-14(0-0.16)MS

Tgt Ion:330 Resp: 121405
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 114.8
 141 49.0 29.7 44.5#

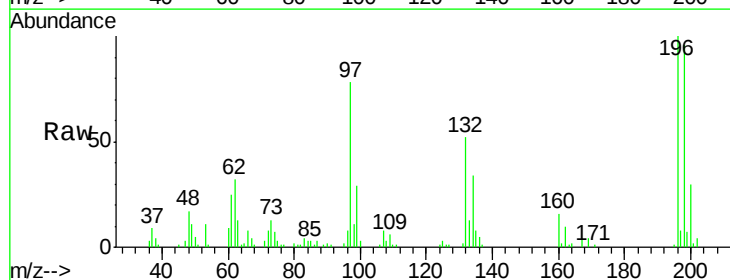


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

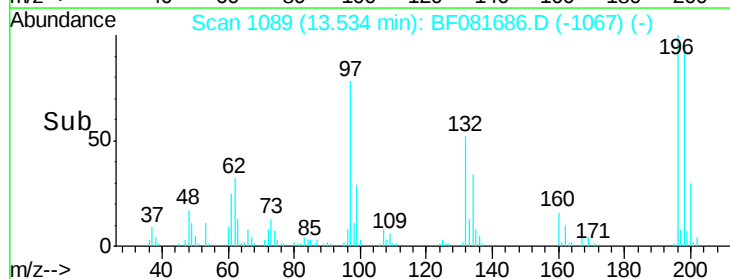
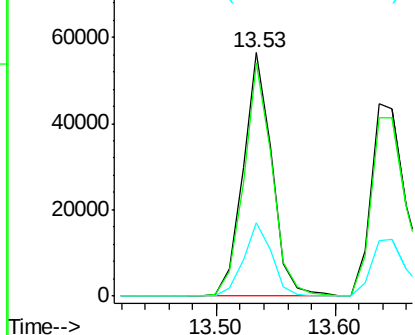


#42
 2,4,6-Trichlorophenol
 Concen: 49.41 ng
 RT: 13.53 min Scan# 1089
 Delta R.T. -0.04 min
 Lab File: BF081686.D
 Acq: 17 Sep 2015 19:30

Tgt Ion:196 Resp: 95044
 Ion Ratio Lower Upper
 196 100
 198 95.9 75.7 113.5
 200 30.2 23.9 35.9



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

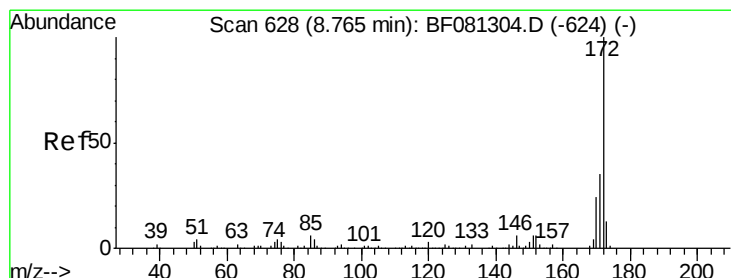
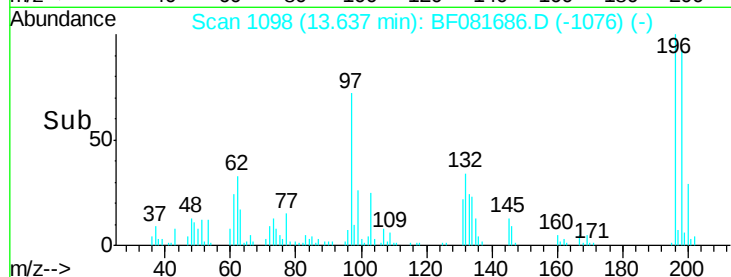
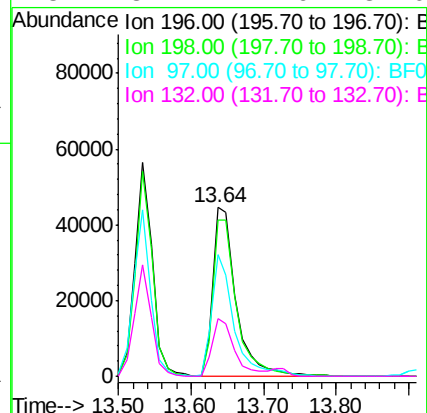
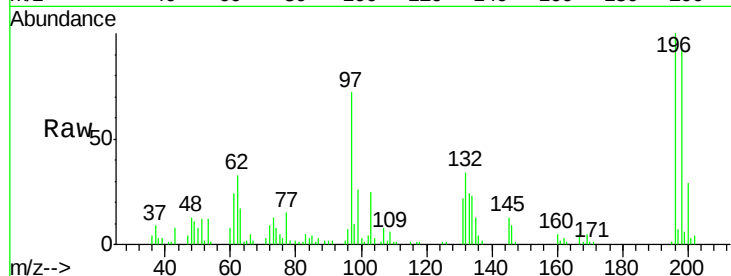




#43
 2,4,5-Trichlorophenol
 Concen: 50.68 ng
 RT: 13.64 min Scan# 1098
 Delta R.T. -0.04 min
 Lab File: BF081686.D
 Acq: 17 Sep 2015 19:30

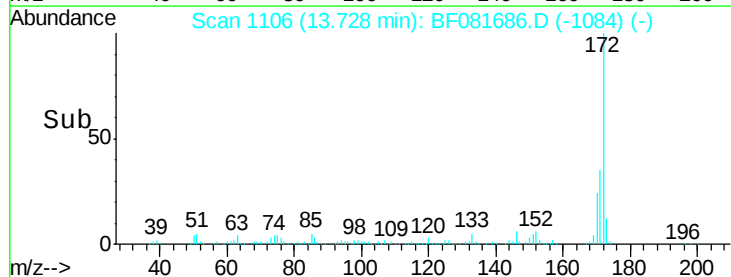
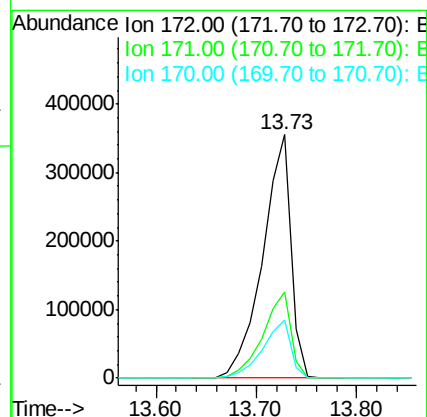
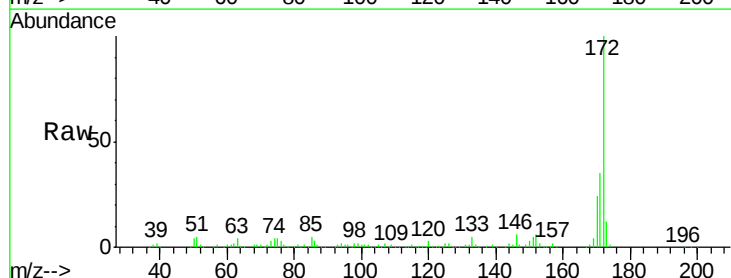
Instrument :
 BNA_F
 ClientSampleId :
 SB-14(0-0.16)MS

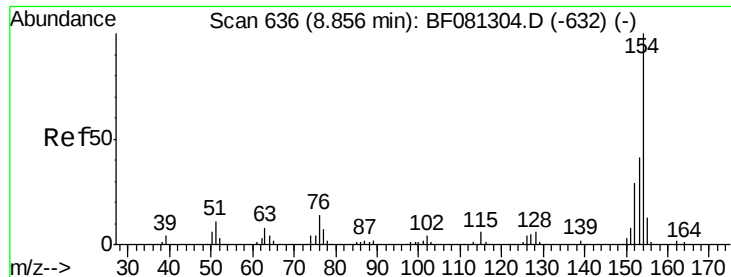
Tgt Ion:196 Resp: 99455
 Ion Ratio Lower Upper
 196 100
 198 93.1 75.4 113.0
 97 72.0 33.3 49.9#
 132 34.2 24.6 37.0



#44
 2-Fluorobiphenyl
 Concen: 100.34 ng
 RT: 13.73 min Scan# 1106
 Delta R.T. -0.04 min
 Lab File: BF081686.D
 Acq: 17 Sep 2015 19:30

Tgt Ion:172 Resp: 690110
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.1 39.1
 170 23.8 17.4 26.2

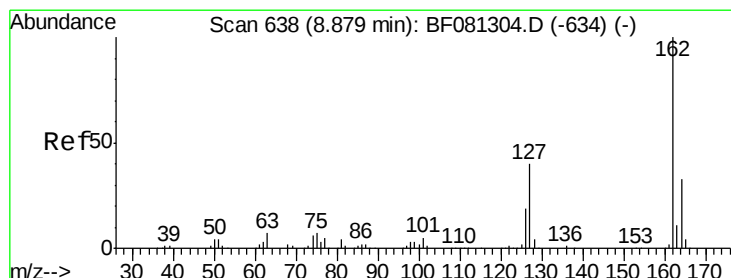
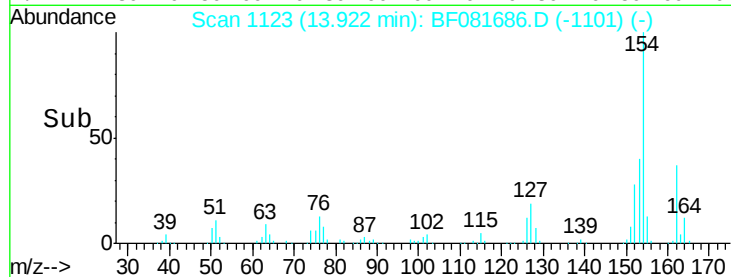
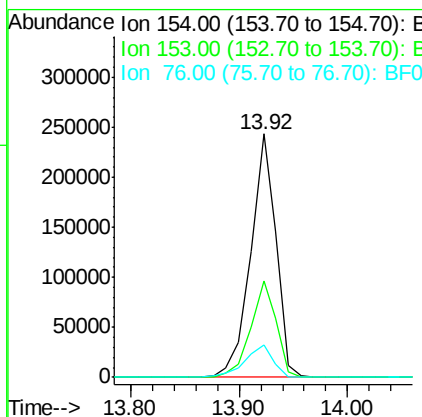
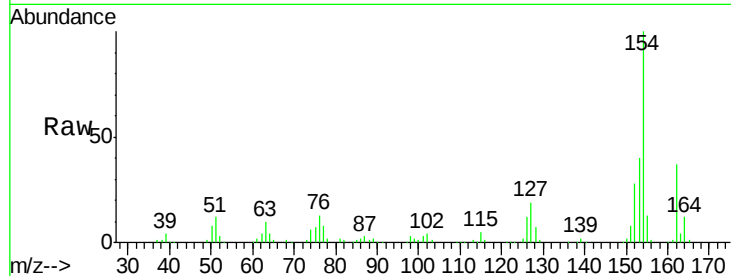




#45
 1,1'-Biphenyl
 Concen: 48.71 ng
 RT: 13.92 min Scan# 1123
 Delta R.T. -0.04 min
 Lab File: BF081686.D
 Acq: 17 Sep 2015 19:30

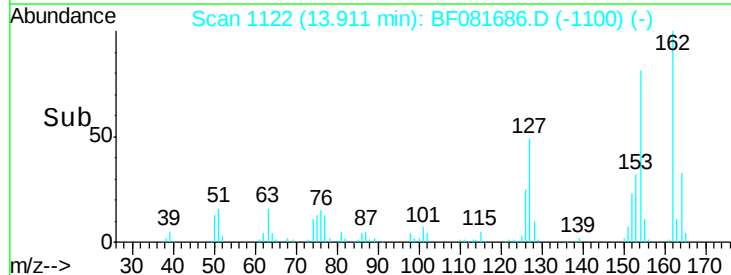
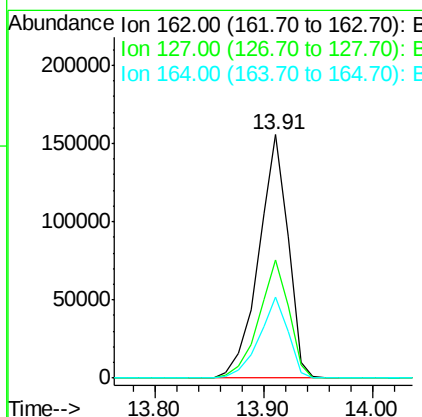
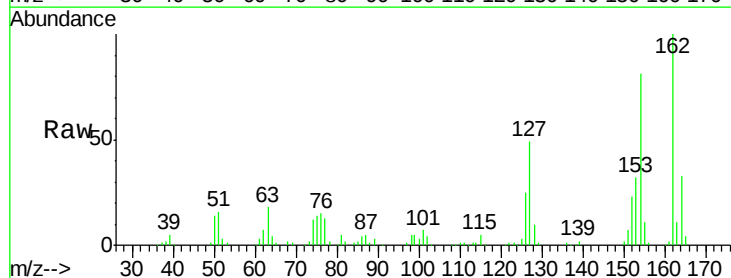
Instrument :
 BNA_F
 ClientSampleId :
 SB-14(0-0.16)MS

Tgt Ion:154 Resp: 395006
 Ion Ratio Lower Upper
 154 100
 153 39.8 17.1 57.1
 76 13.3 0.0 31.6



#46
 2-Chloronaphthalene
 Concen: 49.82 ng
 RT: 13.91 min Scan# 1122
 Delta R.T. -0.04 min
 Lab File: BF081686.D
 Acq: 17 Sep 2015 19:30

Tgt Ion:162 Resp: 291726
 Ion Ratio Lower Upper
 162 100
 127 48.7 27.6 41.4#
 164 33.1 25.4 38.2





#47

2-Nitroaniline

Concen: 53.39 ng

RT: 14.27 min Scan# 1153

Delta R.T. -0.04 min

Lab File: BF081686.D

Acq: 17 Sep 2015 19:30

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MS

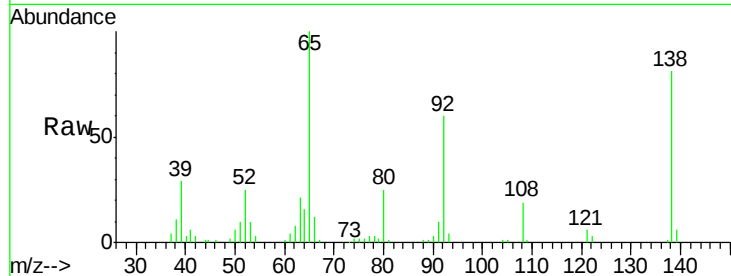
Tgt Ion: 65 Resp: 127419

Ion Ratio Lower Upper

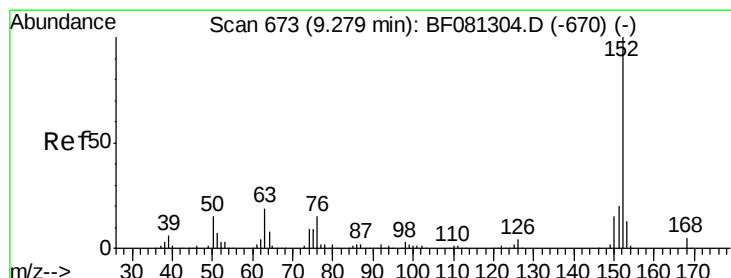
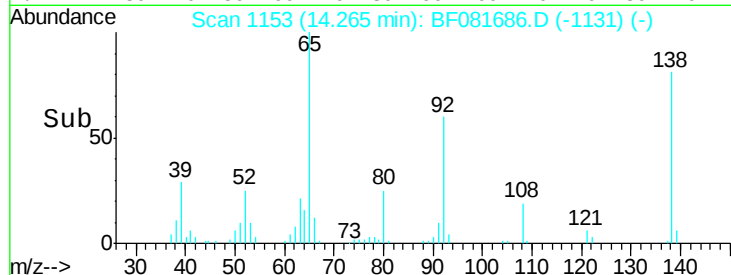
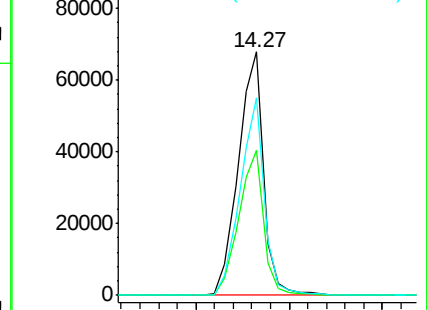
65 100

92 59.8 55.4 83.0

138 81.2 115.5 173.3#



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): E



#48

Acenaphthylene

Concen: 47.96 ng

RT: 14.86 min Scan# 1205

Delta R.T. -0.06 min

Lab File: BF081686.D

Acq: 17 Sep 2015 19:30

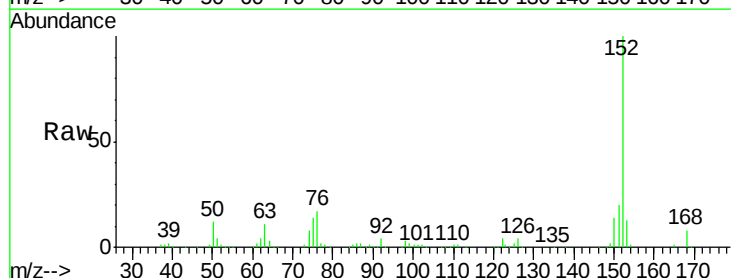
Tgt Ion: 152 Resp: 498227

Ion Ratio Lower Upper

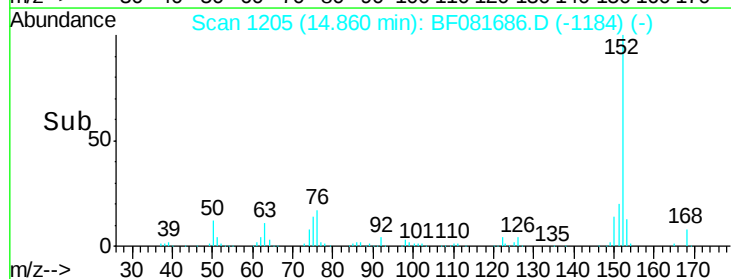
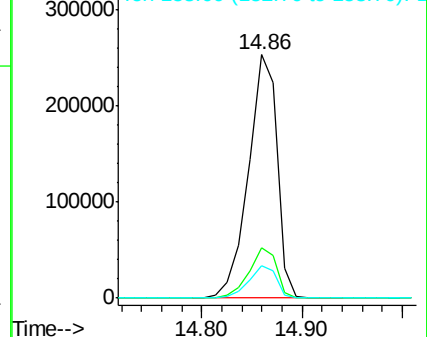
152 100

151 20.5 14.6 22.0

153 13.3 10.3 15.5



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

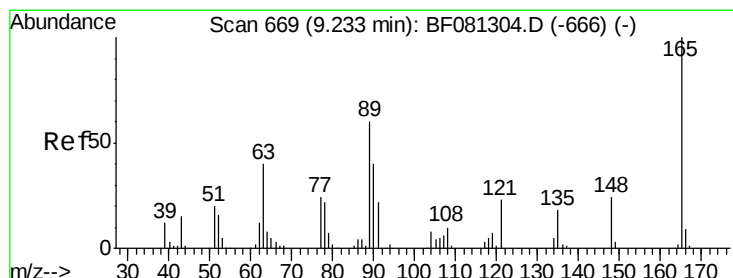
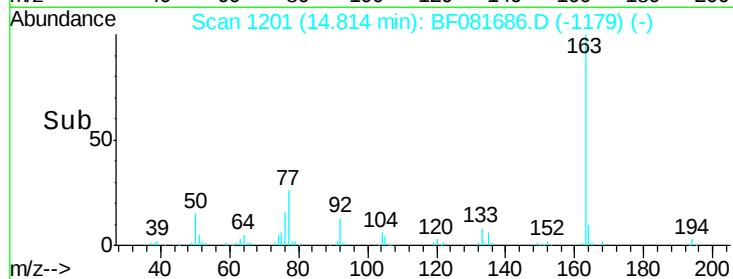
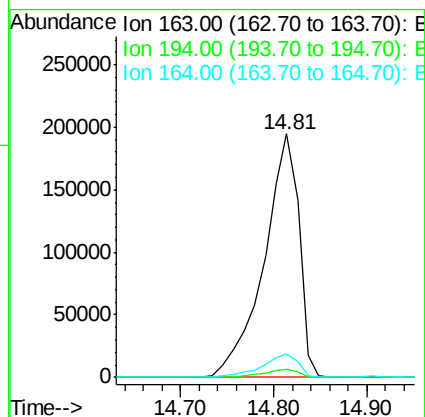
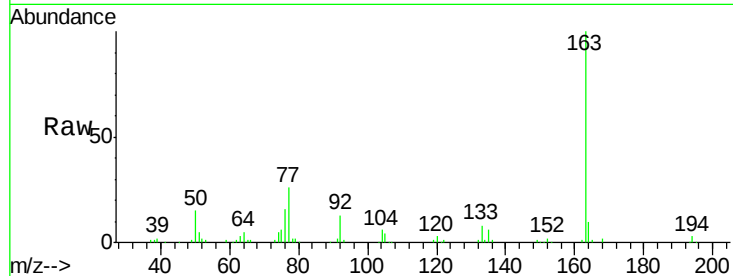




#49
Dimethylphthalate
Concen: 73.75 ng
RT: 14.81 min Scan# 1201
Delta R.T. -0.04 min
Lab File: BF081686.D
Acq: 17 Sep 2015 19:30

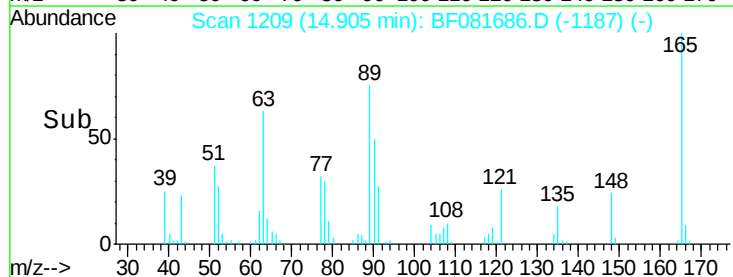
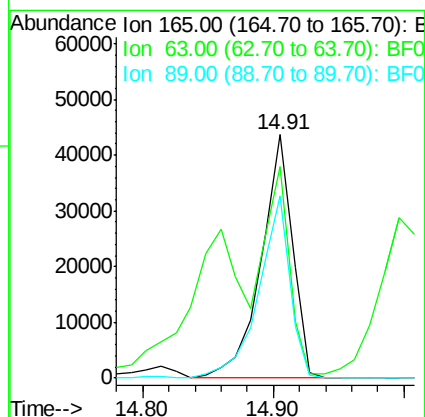
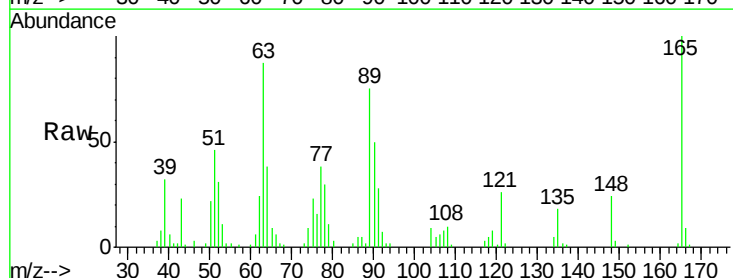
Instrument :
BNA_F
ClientSampleId :
SB-14(0-0.16)MS

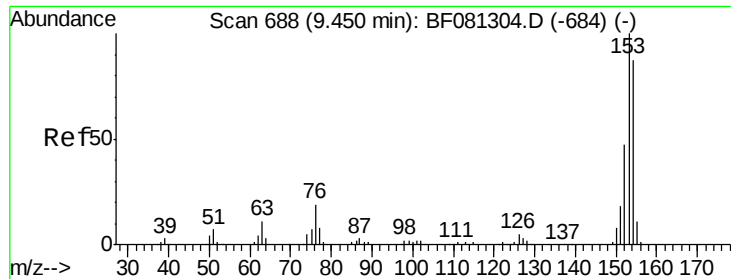
Tgt Ion:163 Resp: 504995
Ion Ratio Lower Upper
163 100
194 3.2 4.4 6.6#
164 9.5 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 47.31 ng
RT: 14.91 min Scan# 1209
Delta R.T. -0.04 min
Lab File: BF081686.D
Acq: 17 Sep 2015 19:30

Tgt Ion:165 Resp: 73521
Ion Ratio Lower Upper
165 100
63 86.7 32.3 48.5#
89 75.0 28.6 43.0#





#51

Acenaphthene

Concen: 48.76 ng

RT: 15.29 min Scan# 1243

Delta R.T. -0.04 min

Lab File: BF081686.D

Acq: 17 Sep 2015 19:30

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MS

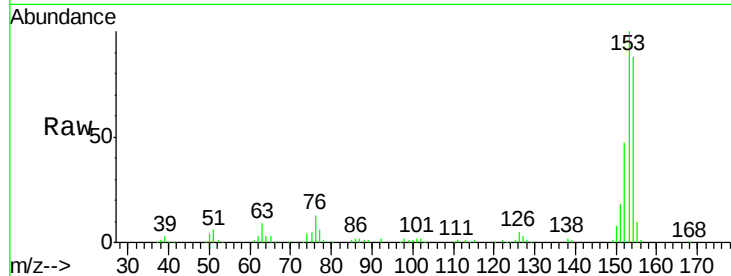
Tgt Ion:154 Resp: 288145

Ion Ratio Lower Upper

154 100

153 114.1 82.1 123.1

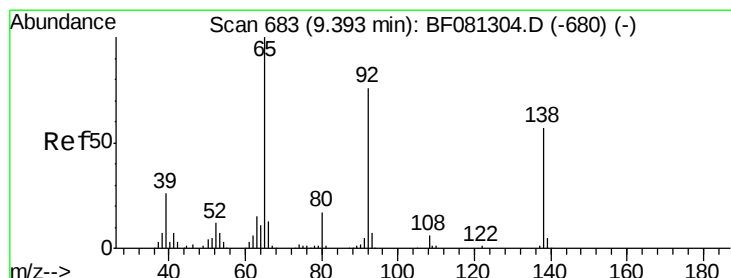
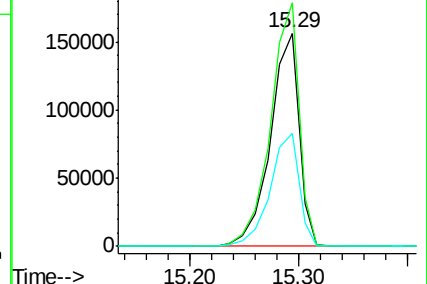
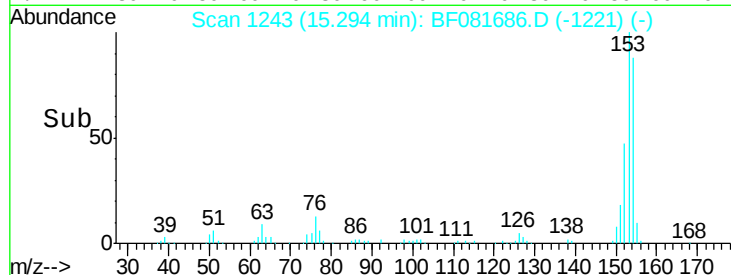
152 53.1 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 36.51 ng

RT: 15.26 min Scan# 1240

Delta R.T. -0.06 min

Lab File: BF081686.D

Acq: 17 Sep 2015 19:30

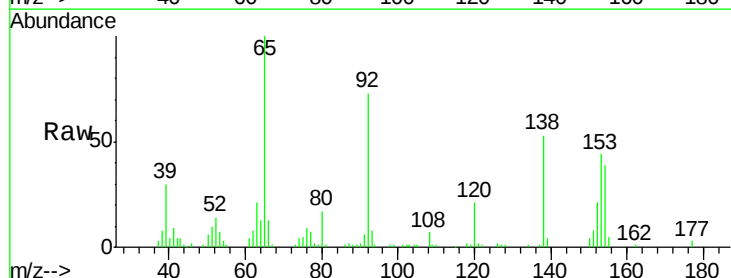
Tgt Ion:138 Resp: 64594

Ion Ratio Lower Upper

138 100

108 12.5 5.7 8.5#

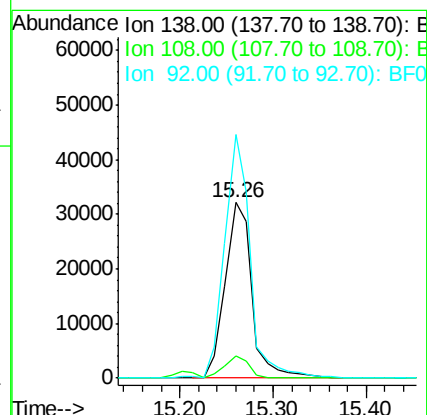
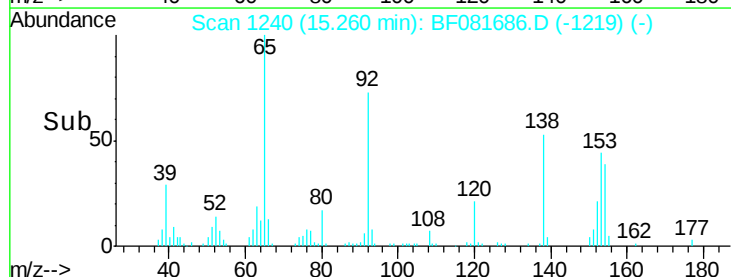
92 138.7 67.7 101.5#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

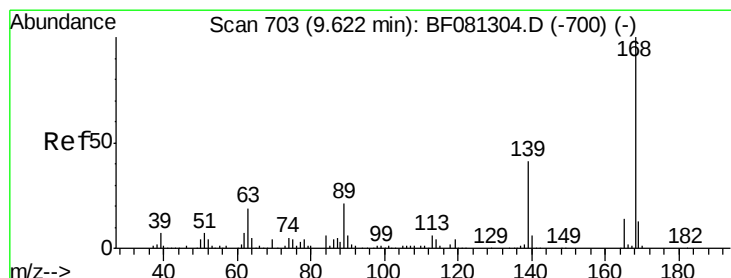
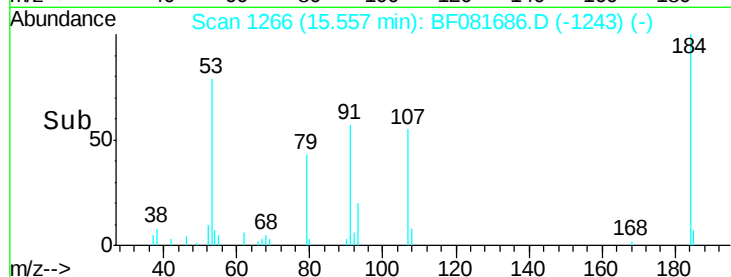
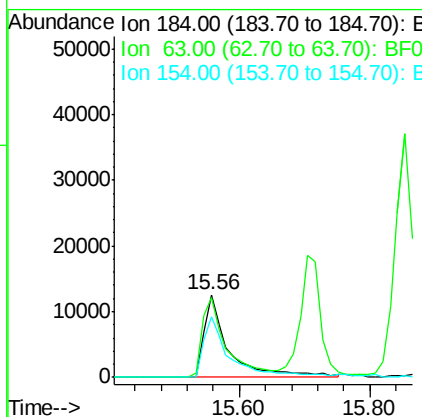
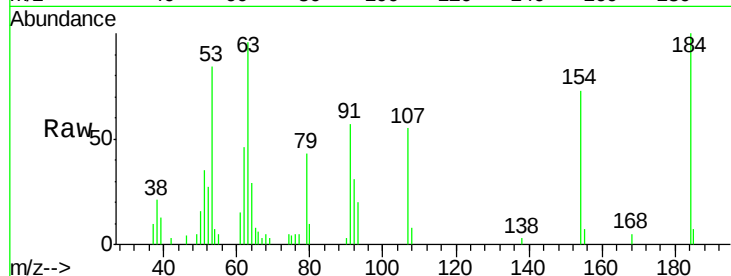




#53
2,4-Dinitrophenol
Concen: 44.99 ng
RT: 15.56 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BF081686.D
Acq: 17 Sep 2015 19:30

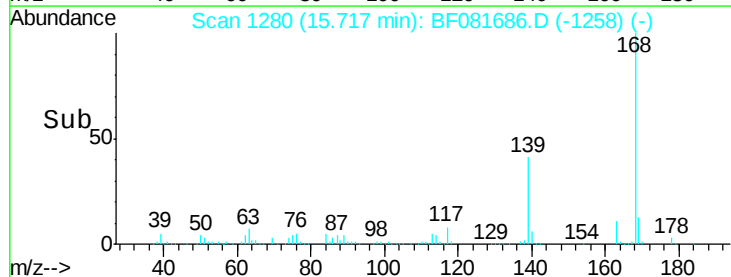
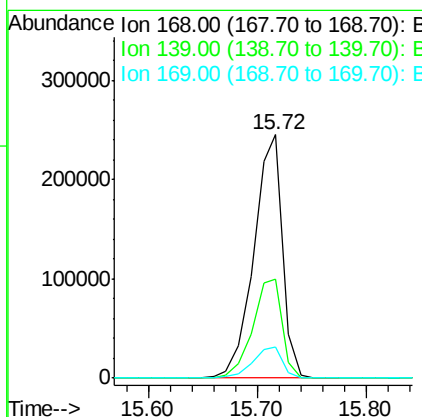
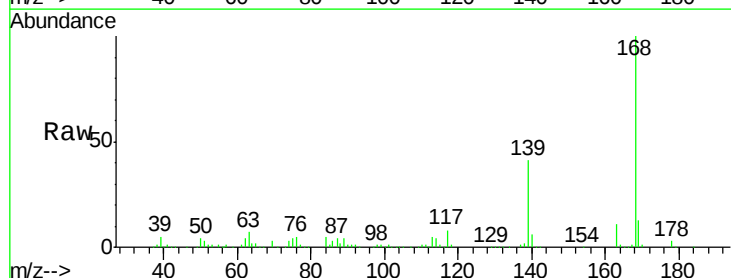
Instrument :
BNA_F
ClientSampleId :
SB-14(0-0.16)MS

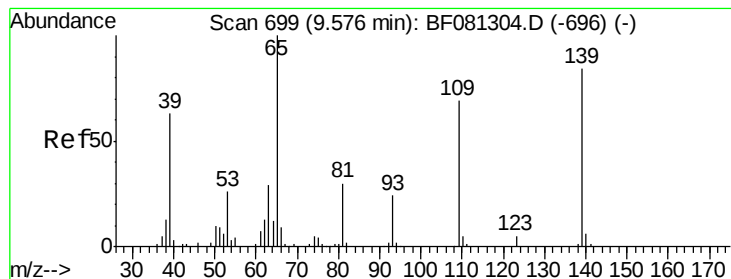
Tgt Ion:184 Resp: 33142
Ion Ratio Lower Upper
184 100
63 96.1 35.4 53.2#
154 72.9 32.2 48.4#



#54
Dibenzofuran
Concen: 51.96 ng
RT: 15.72 min Scan# 1280
Delta R.T. -0.04 min
Lab File: BF081686.D
Acq: 17 Sep 2015 19:30

Tgt Ion:168 Resp: 448348
Ion Ratio Lower Upper
168 100
139 40.5 24.2 36.2#
169 12.7 10.6 15.8





#55

4-Nitrophenol

Concen: 93.36 ng

RT: 15.89 min Scan# 1295

Delta R.T. -0.03 min

Lab File: BF081686.D

Acq: 17 Sep 2015 19:30

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MS

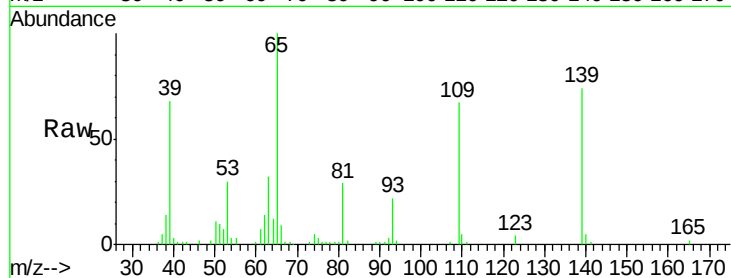
Tgt Ion:139 Resp: 103773

Ion Ratio Lower Upper

139 100

109 90.8 12.7 52.7#

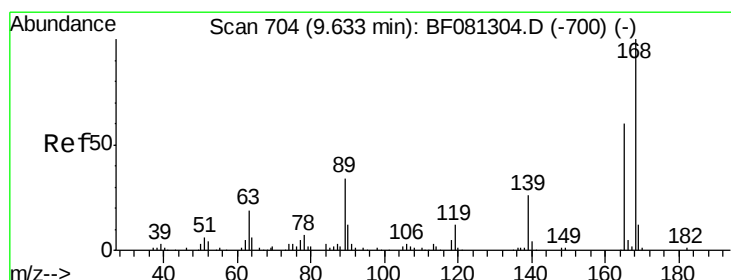
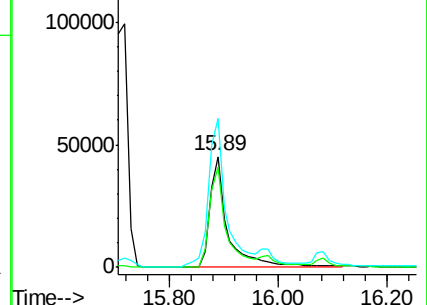
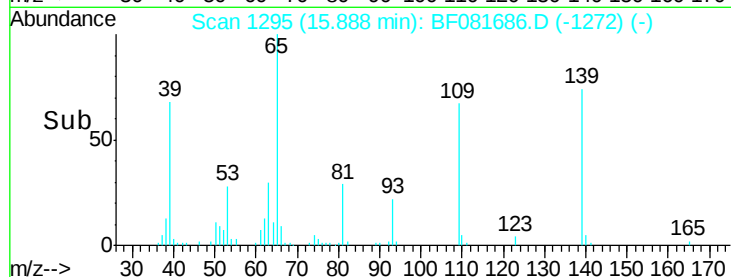
65 134.9 45.9 85.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 51.78 ng

RT: 15.85 min Scan# 1292

Delta R.T. -0.04 min

Lab File: BF081686.D

Acq: 17 Sep 2015 19:30

Tgt Ion:165 Resp: 102478

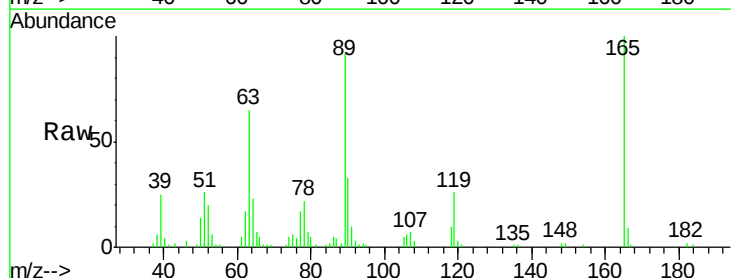
Ion Ratio Lower Upper

165 100

63 65.4 29.8 44.6#

89 92.4 44.5 66.7#

182 1.7 3.0 4.4#

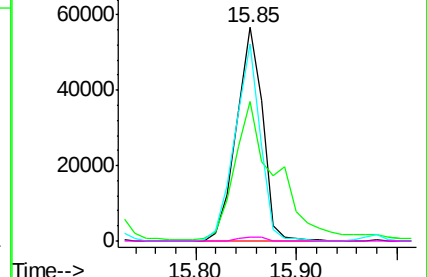
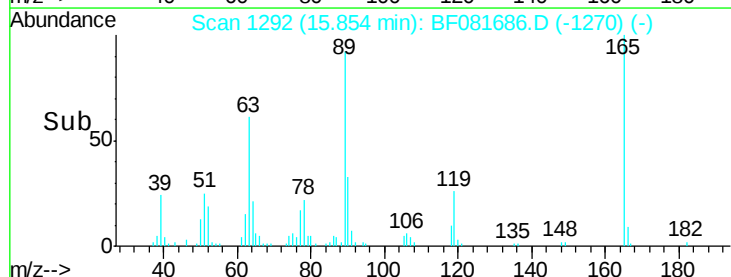


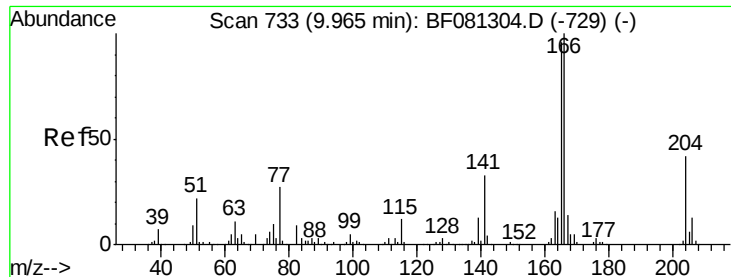
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 53.76 ng

RT: 16.53 min Scan# 1351

Delta R.T. -0.04 min

Lab File: BF081686.D

Acq: 17 Sep 2015 19:30

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MS

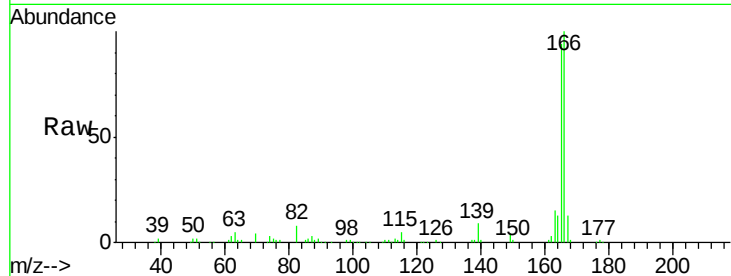
Tgt Ion:166 Resp: 352084

Ion Ratio Lower Upper

166 100

165 94.3 72.6 109.0

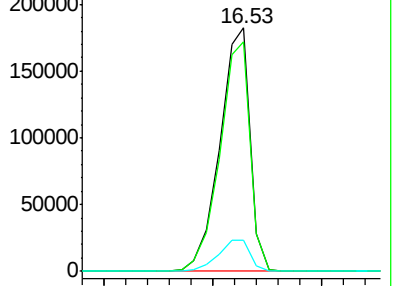
167 12.8 10.6 16.0



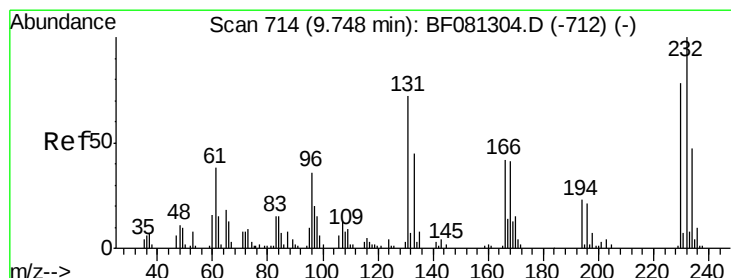
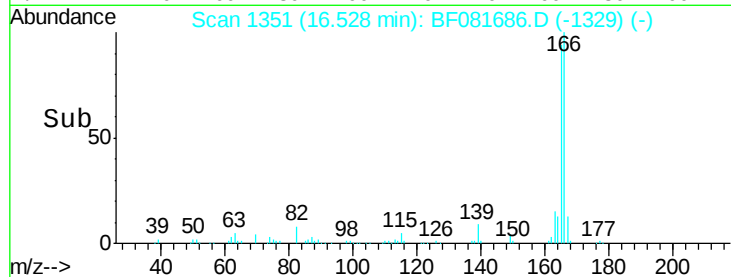
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time--> 16.40 16.50 16.60



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.75 ng

RT: 15.98 min Scan# 1303

Delta R.T. -0.15 min

Lab File: BF081686.D

Acq: 17 Sep 2015 19:30

Tgt Ion:232 Resp: 67057

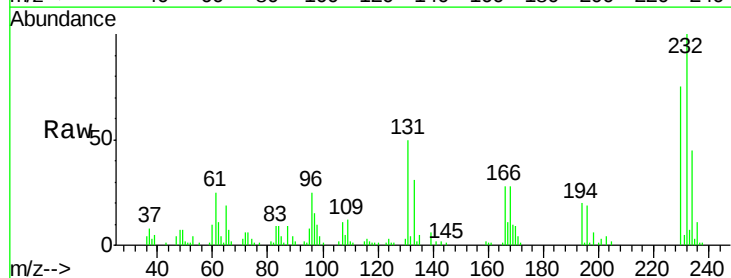
Ion Ratio Lower Upper

232 100

131 52.2 38.5 57.7

130 2.4 1.8 2.6

166 28.3 25.0 37.6

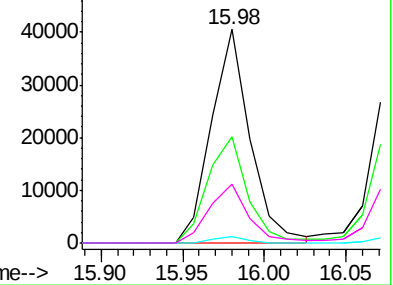


Abundance Ion 232.00 (231.70 to 232.70): E

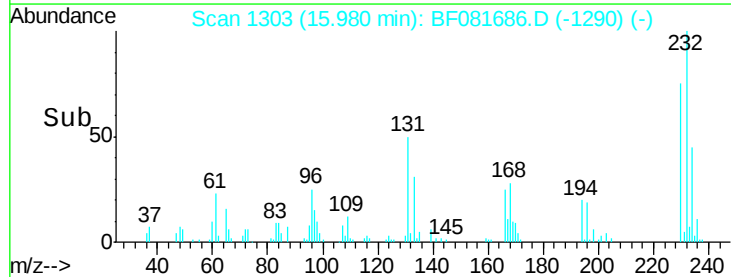
Ion 131.00 (130.70 to 131.70): E

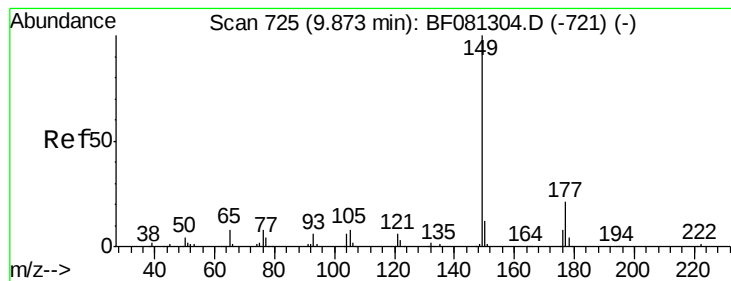
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time--> 15.90 15.95 16.00 16.05





#59

Diethylphthalate

Concen: 54.44 ng

RT: 16.51 min Scan# 1349

Delta R.T. -0.04 min

Lab File: BF081686.D

Acq: 17 Sep 2015 19:30

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MS

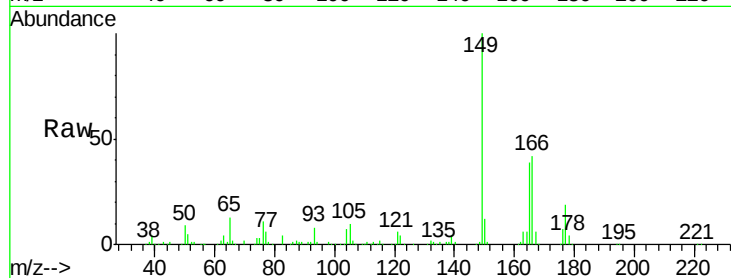
Tgt Ion:149 Resp: 392108

Ion Ratio Lower Upper

149 100

177 19.1 17.5 26.3

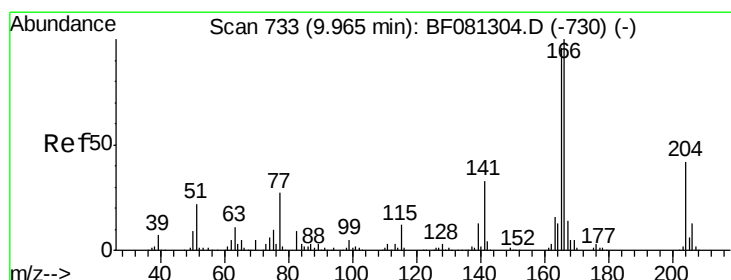
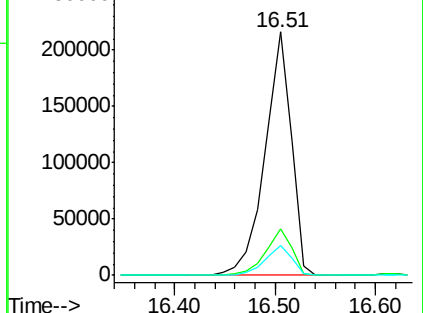
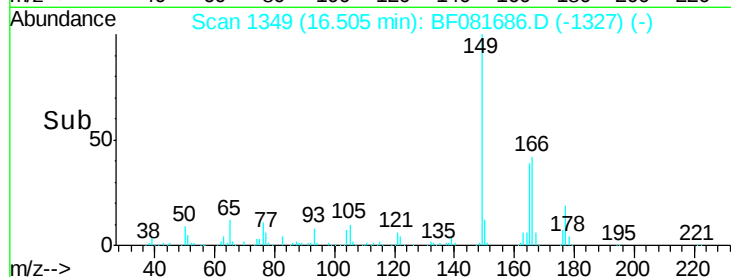
150 12.2 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 53.54 ng

RT: 16.62 min Scan# 1359

Delta R.T. -0.04 min

Lab File: BF081686.D

Acq: 17 Sep 2015 19:30

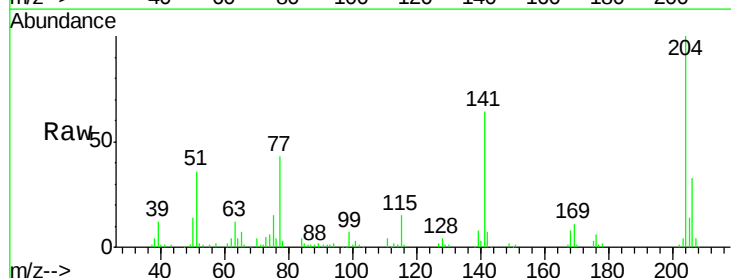
Tgt Ion:204 Resp: 163421

Ion Ratio Lower Upper

204 100

206 32.9 24.8 37.2

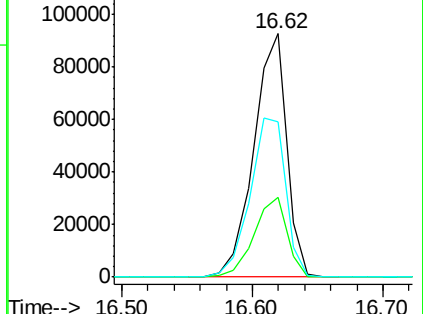
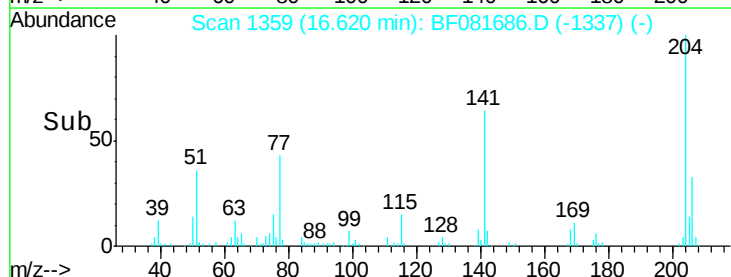
141 63.6 42.2 63.4#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

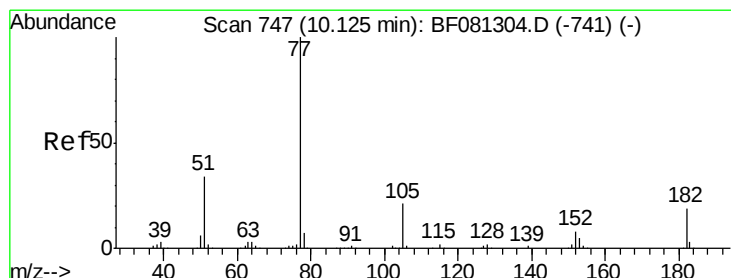
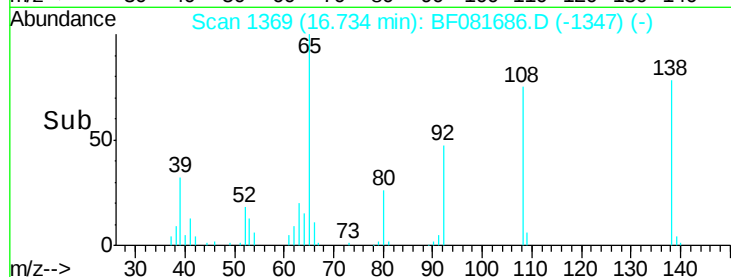
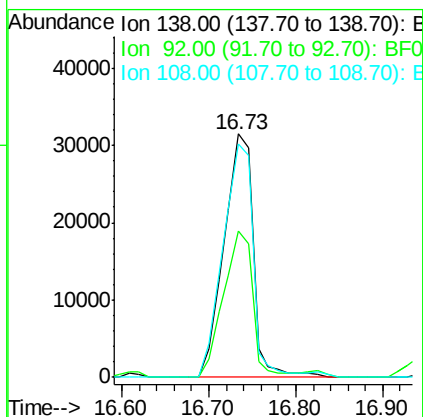
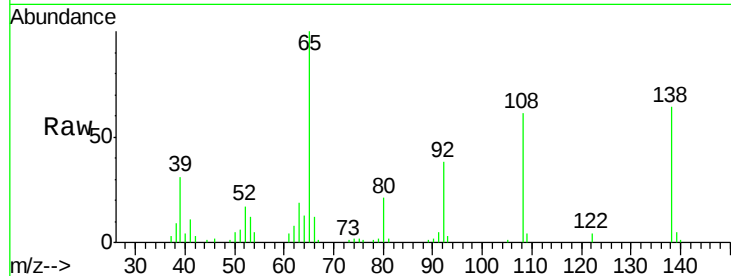




#61
4-Nitroaniline
Concen: 41.16 ng
RT: 16.73 min Scan# 1369
Delta R.T. -0.04 min
Lab File: BF081686.D
Acq: 17 Sep 2015 19:30

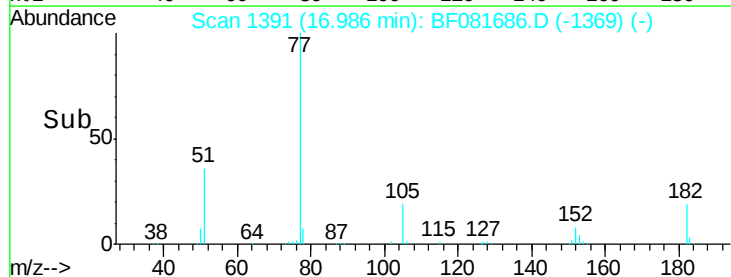
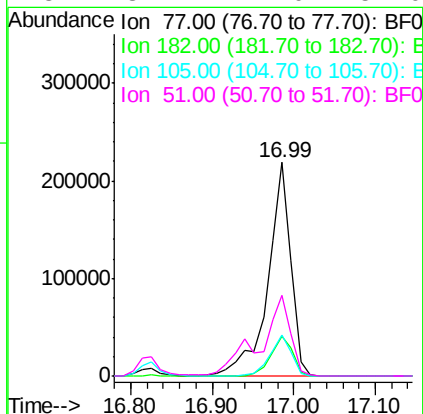
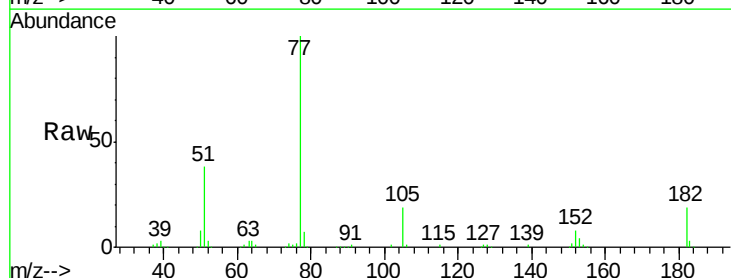
Instrument :
BNA_F
ClientSampleId :
SB-14(0-0.16)MS

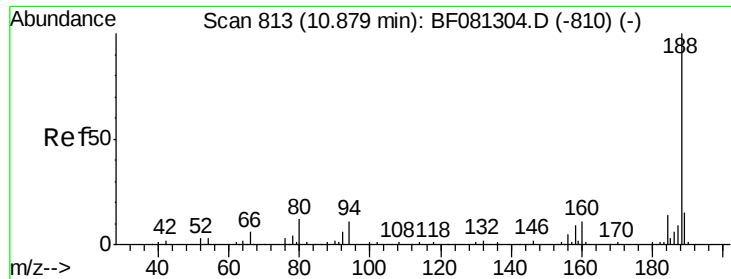
Tgt Ion:138 Resp: 73581
Ion Ratio Lower Upper
138 100
92 60.2 12.6 52.6#
108 96.1 12.4 52.4#



#62
Azobenzene
Concen: 53.79 ng
RT: 16.99 min Scan# 1391
Delta R.T. -0.04 min
Lab File: BF081686.D
Acq: 17 Sep 2015 19:30

Tgt Ion: 77 Resp: 430792
Ion Ratio Lower Upper
77 100
182 18.6 15.1 55.1
105 19.5 3.4 43.4
51 37.7 12.0 52.0

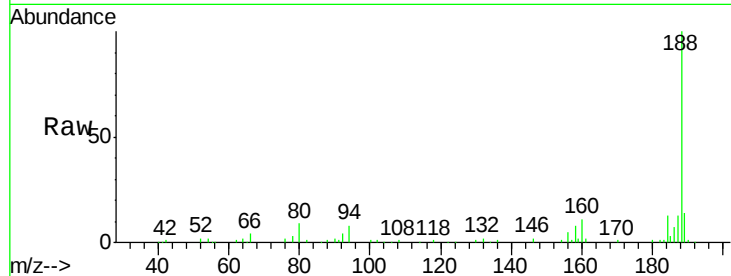




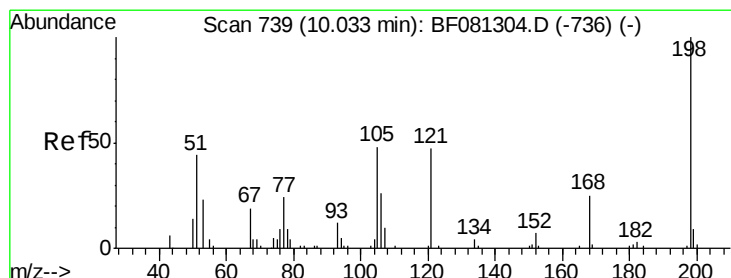
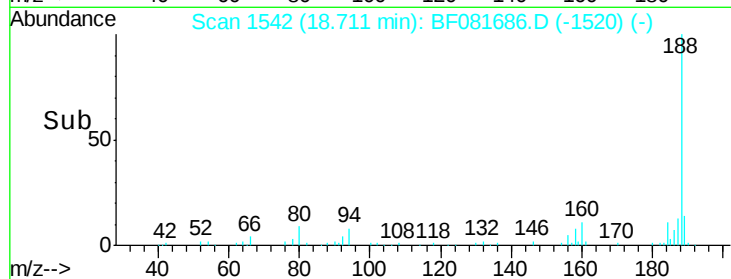
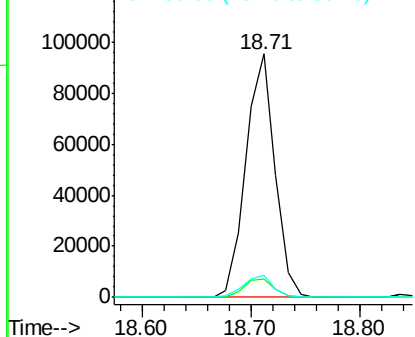
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 18.71 min Scan# 1542
 Delta R.T. -0.04 min
 Lab File: BF081686.D
 Acq: 17 Sep 2015 19:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-14(0-0.16)MS

Tgt Ion:188 Resp: 176446
 Ion Ratio Lower Upper
 188 100
 94 7.7 11.1 16.7#
 80 9.1 11.0 16.4#

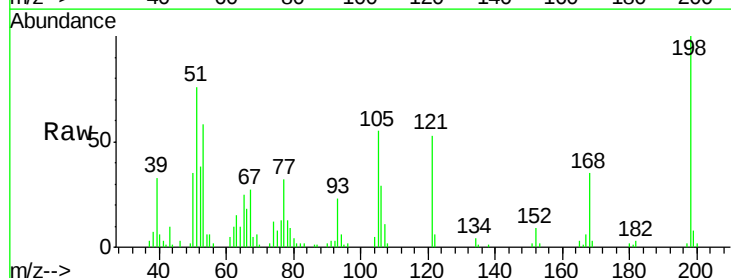


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

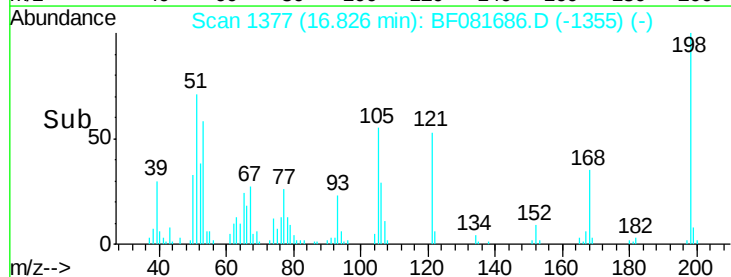
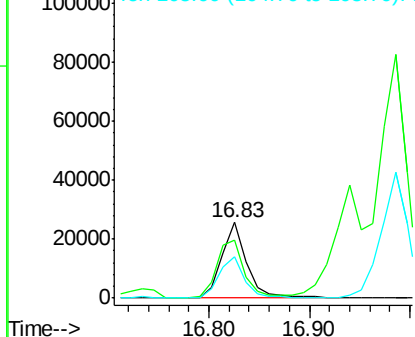


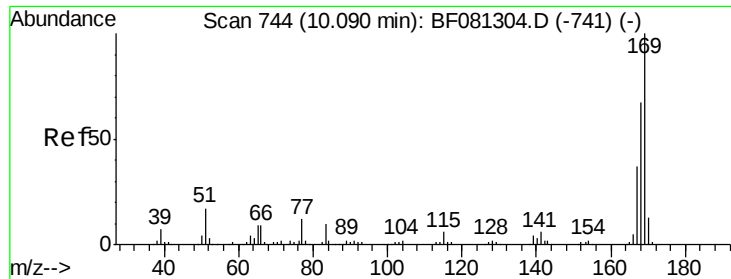
#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.80 ng
 RT: 16.83 min Scan# 1377
 Delta R.T. -0.04 min
 Lab File: BF081686.D
 Acq: 17 Sep 2015 19:30

Tgt Ion:198 Resp: 44217
 Ion Ratio Lower Upper
 198 100
 51 76.5 39.6 79.6
 105 55.0 28.5 68.5



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: 47.19 ng

RT: 16.94 min Scan# 1387

Delta R.T. -0.04 min

Lab File: BF081686.D

Acq: 17 Sep 2015 19:30

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MS

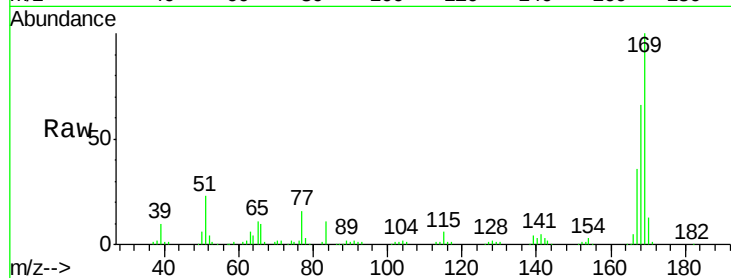
Tgt Ion:169 Resp: 302960

Ion Ratio Lower Upper

169 100

168 66.3 48.9 73.3

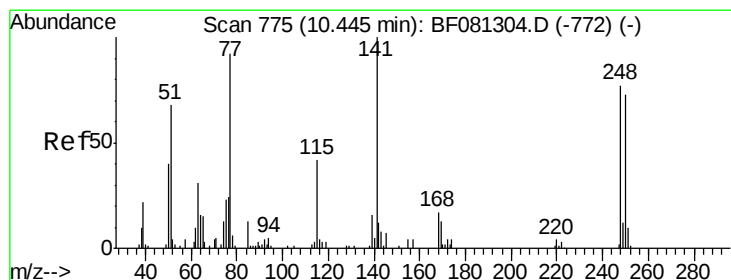
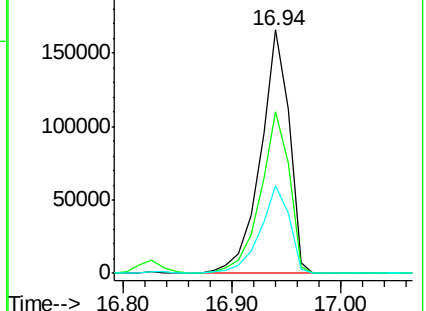
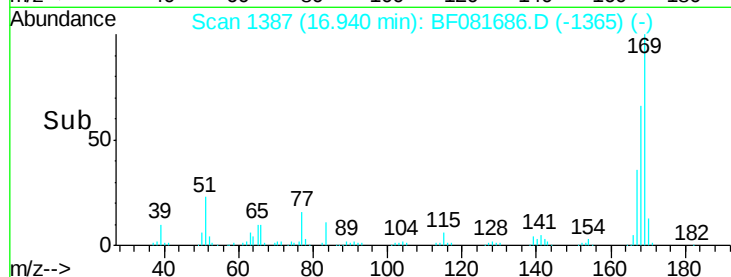
167 36.1 26.2 39.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 51.26 ng

RT: 17.76 min Scan# 1459

Delta R.T. -0.04 min

Lab File: BF081686.D

Acq: 17 Sep 2015 19:30

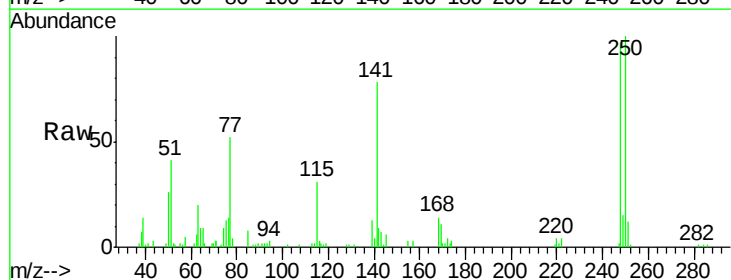
Tgt Ion:248 Resp: 91459

Ion Ratio Lower Upper

248 100

250 103.4 78.5 117.7

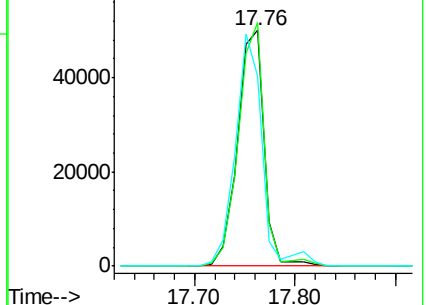
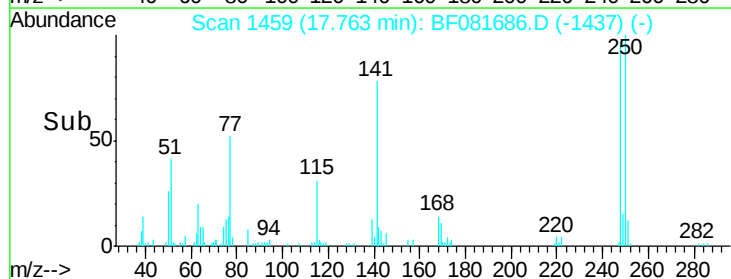
141 80.8 59.0 88.6



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

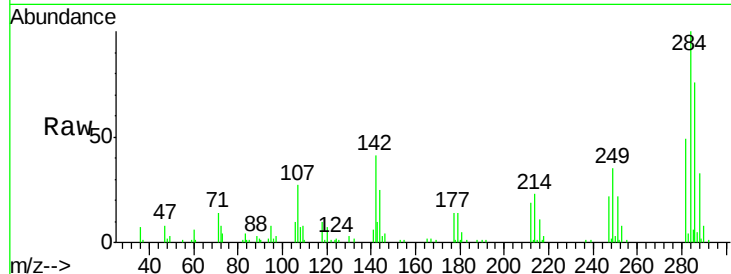




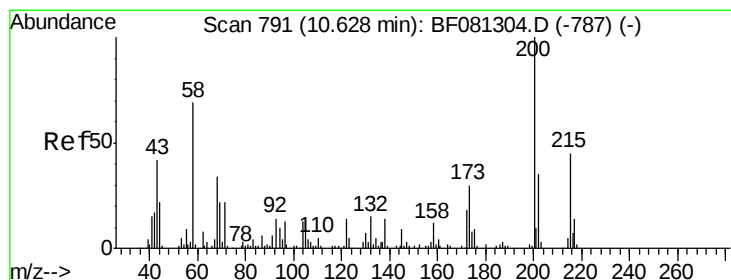
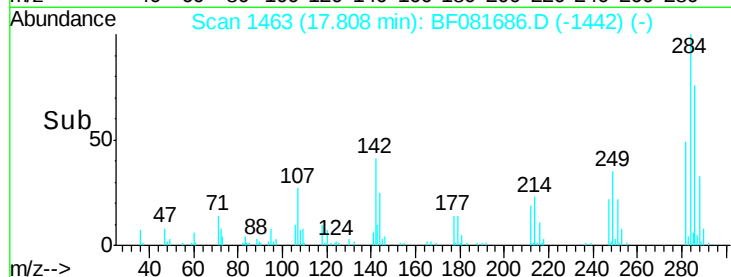
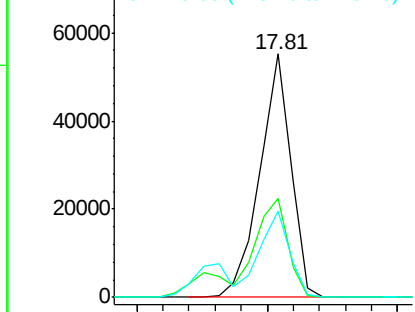
#67
Hexachlorobenzene
Concen: 49.29 ng
RT: 17.81 min Scan# 1463
Delta R.T. -0.06 min
Lab File: BF081686.D
Acq: 17 Sep 2015 19:30

Instrument :
BNA_F
ClientSampleId :
SB-14(0-0.16)MS

Tgt Ion:284 Resp: 91940
Ion Ratio Lower Upper
284 100
142 40.9 29.5 44.3
249 35.5 19.5 29.3#

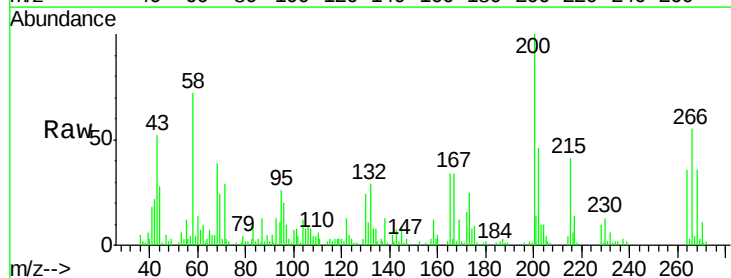


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

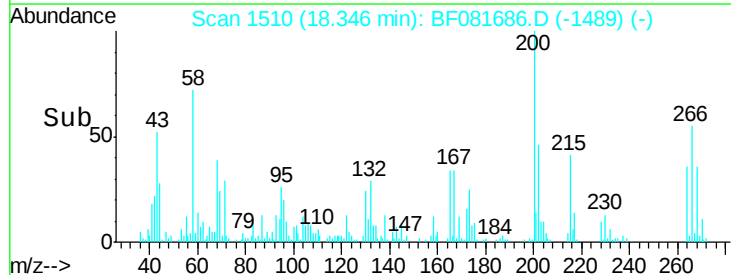
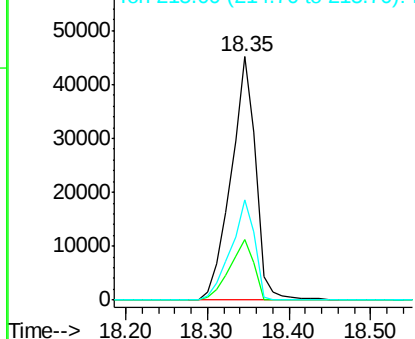


#68
Atrazine
Concen: 51.15 ng
RT: 18.35 min Scan# 1510
Delta R.T. -0.06 min
Lab File: BF081686.D
Acq: 17 Sep 2015 19:30

Tgt Ion:200 Resp: 95038
Ion Ratio Lower Upper
200 100
173 24.9 13.2 53.2
215 41.0 41.8 81.8#



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

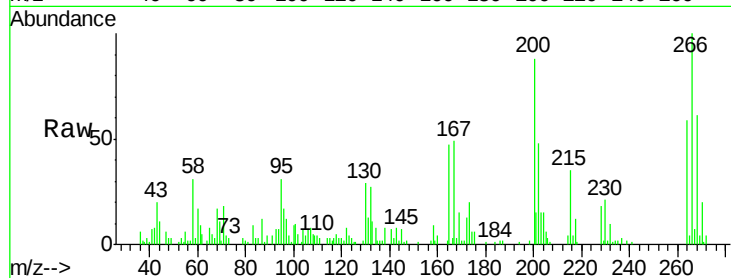




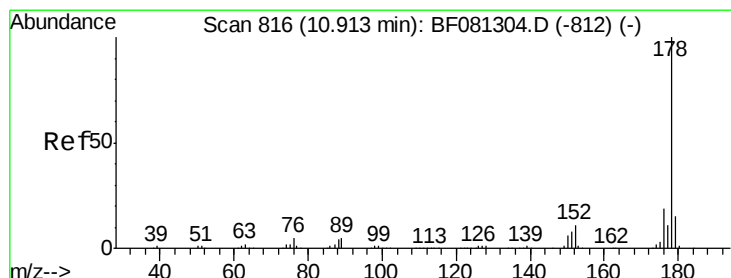
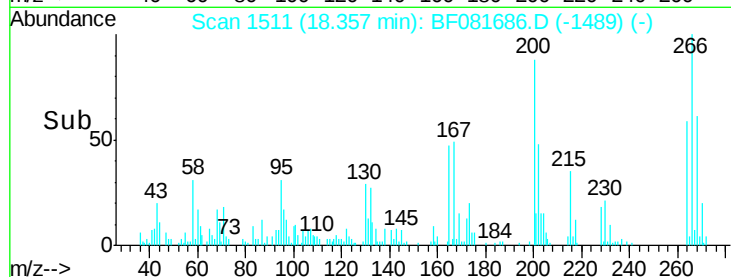
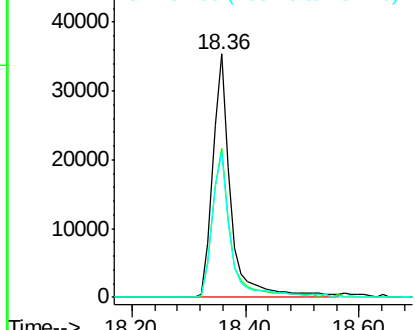
#69
 Pentachlorophenol
 Concen: 84.23 ng
 RT: 18.36 min Scan# 1511
 Delta R.T. -0.04 min
 Lab File: BF081686.D
 Acq: 17 Sep 2015 19:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-14(0-0.16)MS

Tgt Ion:266 Resp: 76959
 Ion Ratio Lower Upper
 266 100
 268 61.0 49.8 74.6
 264 59.3 50.2 75.2

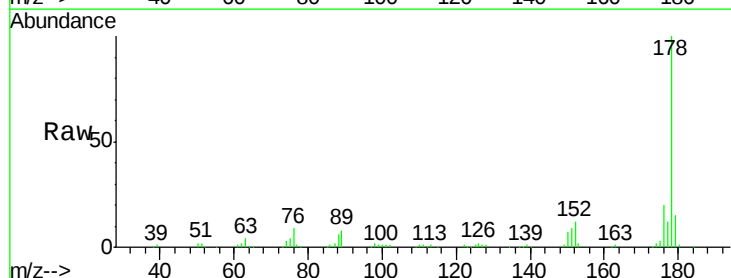


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

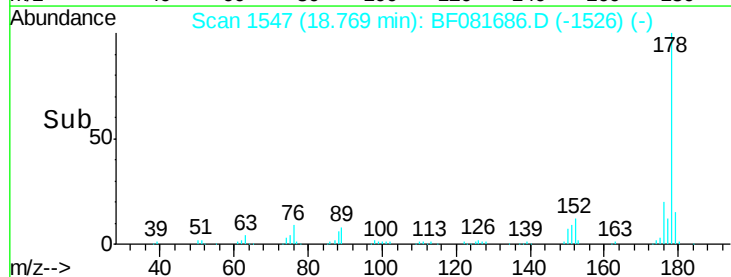
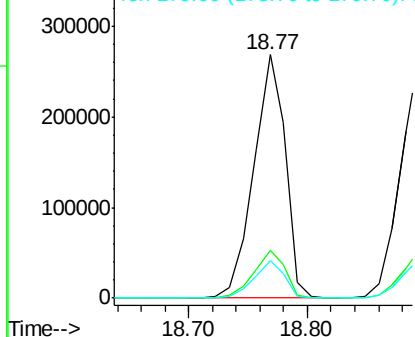


#70
 Phenanthrene
 Concen: 50.74 ng
 RT: 18.77 min Scan# 1547
 Delta R.T. -0.06 min
 Lab File: BF081686.D
 Acq: 17 Sep 2015 19:30

Tgt Ion:178 Resp: 497690
 Ion Ratio Lower Upper
 178 100
 176 19.7 13.8 20.8
 179 15.3 12.2 18.2



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

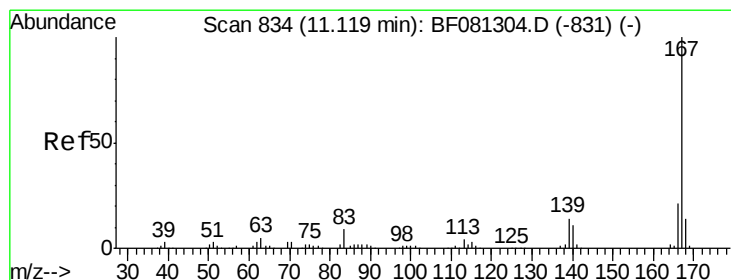
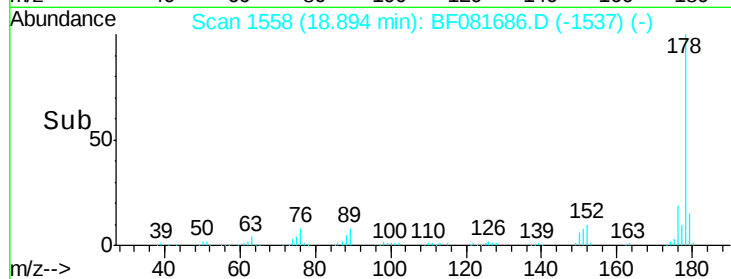
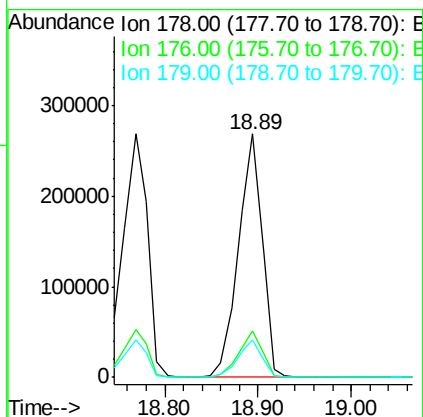
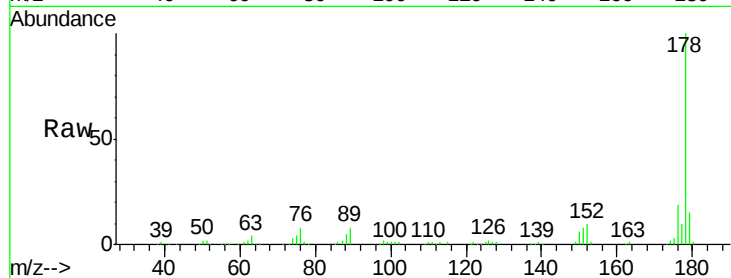




#71
 Anthracene
 Concen: 47.34 ng
 RT: 18.89 min Scan# 1558
 Delta R.T. -0.06 min
 Lab File: BF081686.D
 Acq: 17 Sep 2015 19:30

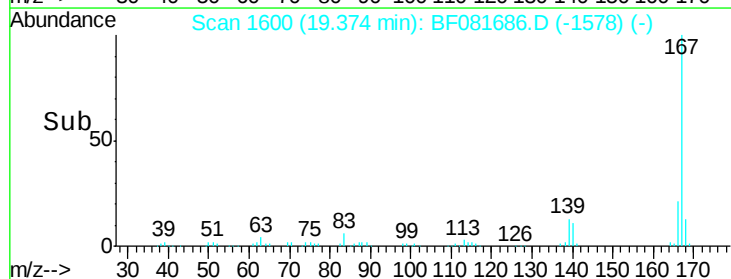
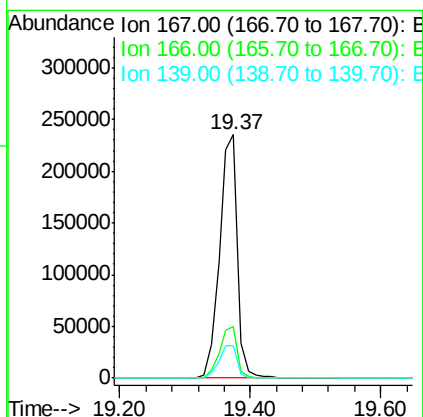
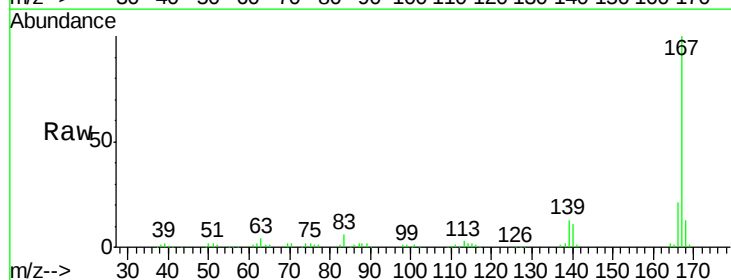
Instrument :
 BNA_F
 ClientSampleId :
 SB-14(0-0.16)MS

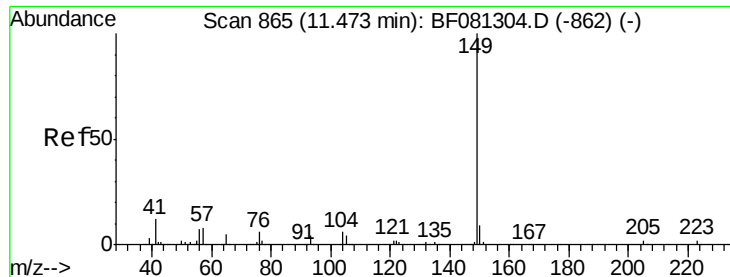
Tgt Ion:178 Resp: 477063
 Ion Ratio Lower Upper
 178 100
 176 19.2 14.1 21.1
 179 15.4 12.2 18.2



#72
 Carbazole
 Concen: 47.38 ng
 RT: 19.37 min Scan# 1600
 Delta R.T. -0.04 min
 Lab File: BF081686.D
 Acq: 17 Sep 2015 19:30

Tgt Ion:167 Resp: 448088
 Ion Ratio Lower Upper
 167 100
 166 21.0 15.7 23.5
 139 13.4 9.5 14.3





#73

Di-n-butylphthalate

Concen: 51.55 ng

RT: 20.41 min Scan# 1691

Delta R.T. -0.06 min

Lab File: BF081686.D

Acq: 17 Sep 2015 19:30

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MS

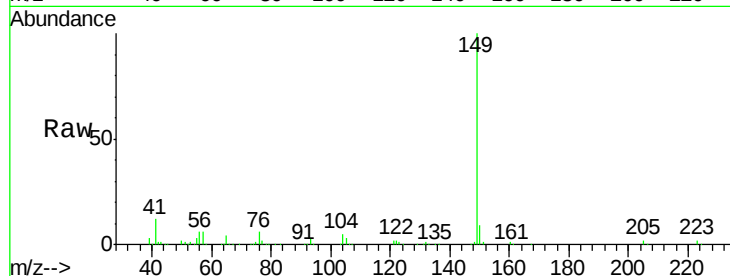
Tgt Ion:149 Resp: 575657

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

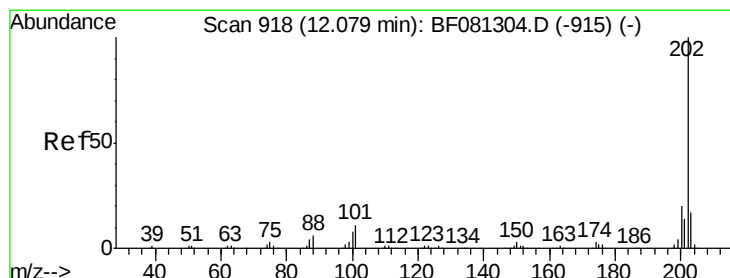
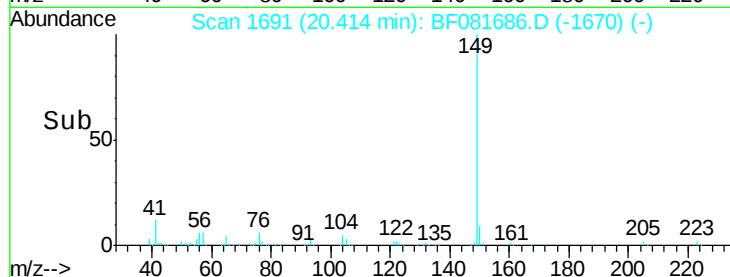
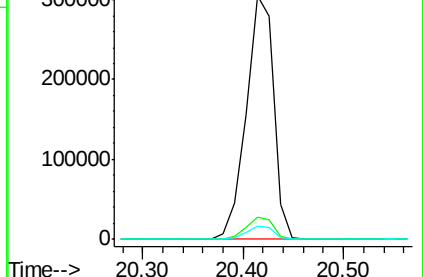
104 5.5 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 50.20 ng

RT: 21.40 min Scan# 1777

Delta R.T. -0.03 min

Lab File: BF081686.D

Acq: 17 Sep 2015 19:30

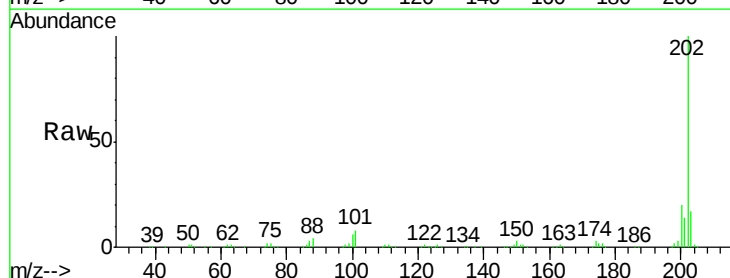
Tgt Ion:202 Resp: 533108

Ion Ratio Lower Upper

202 100

101 7.5 0.0 38.3

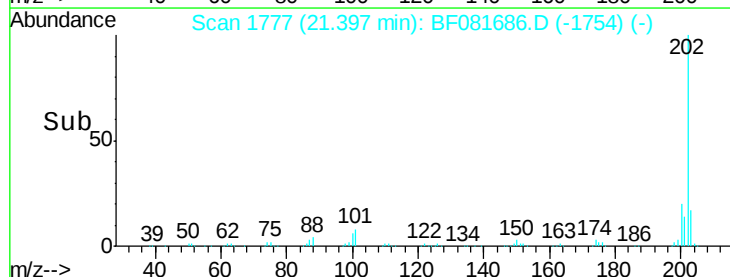
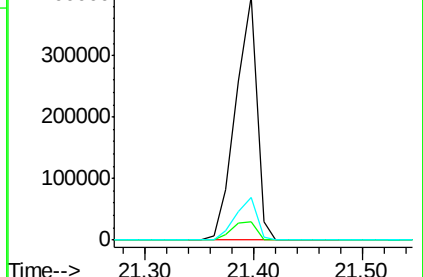
203 17.3 0.0 37.3

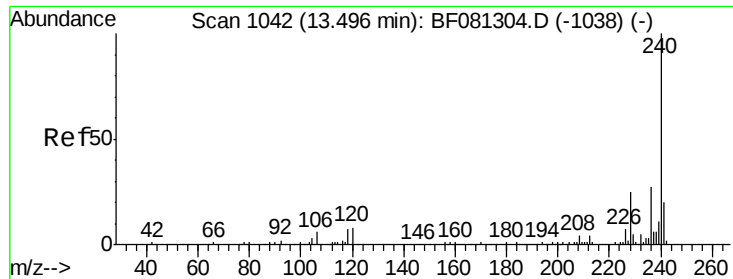


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 23.35 min Scan# 1948

Delta R.T. -0.03 min

Lab File: BF081686.D

Acq: 17 Sep 2015 19:30

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MS

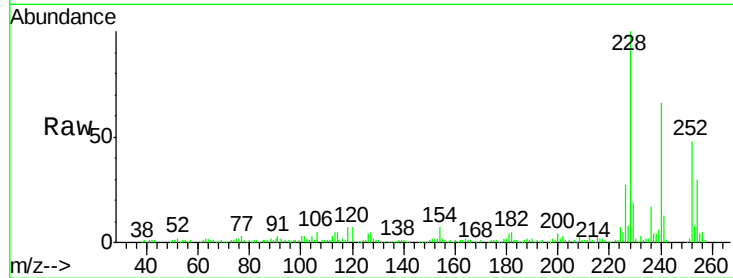
Tgt Ion:240 Resp: 115485

Ion Ratio Lower Upper

240 100

120 10.9 16.2 24.2#

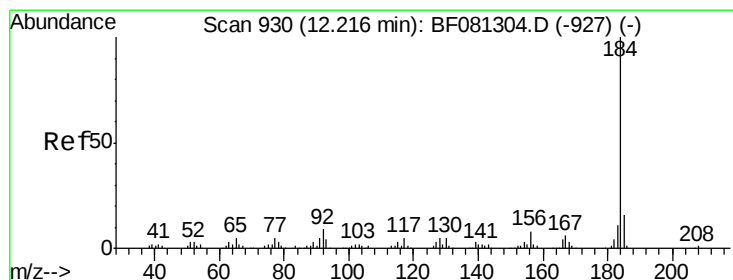
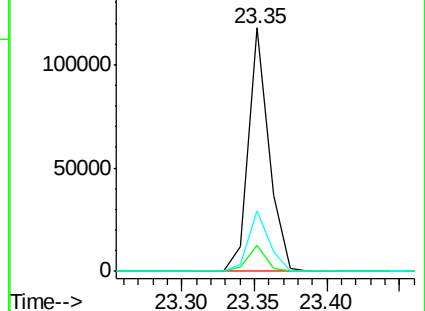
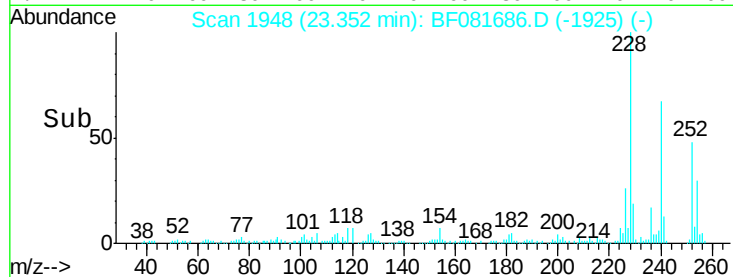
236 24.9 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 24.00 ng

RT: 21.71 min Scan# 1804

Delta R.T. -0.03 min

Lab File: BF081686.D

Acq: 17 Sep 2015 19:30

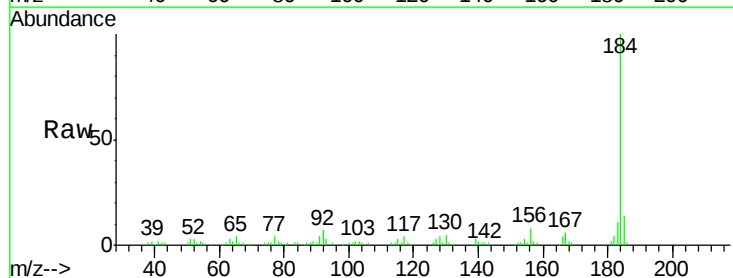
Tgt Ion:184 Resp: 118973

Ion Ratio Lower Upper

184 100

185 14.2 11.8 17.6

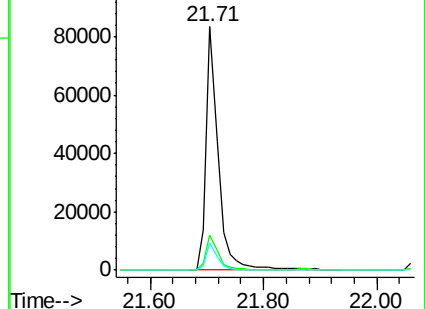
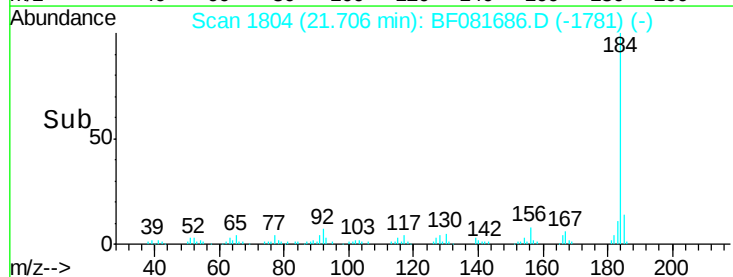
183 11.1 7.6 11.4

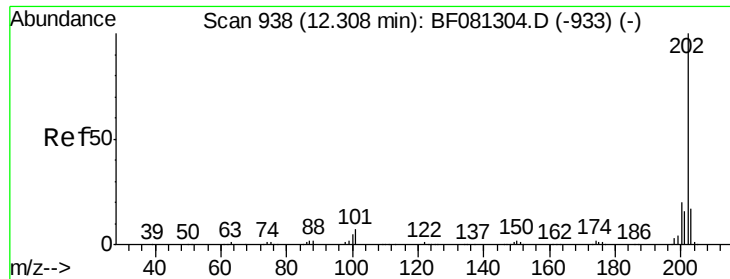


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

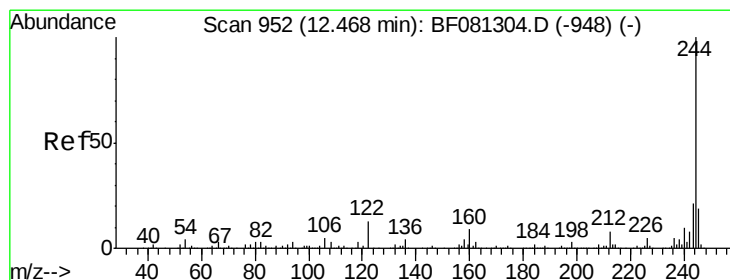
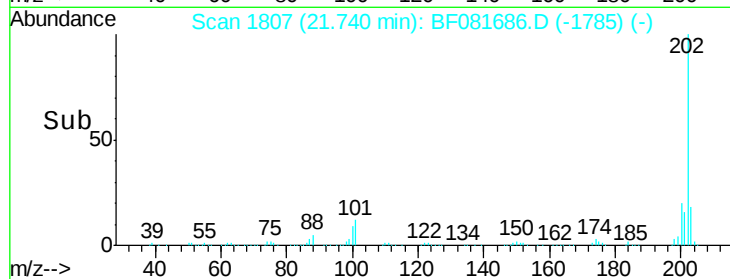
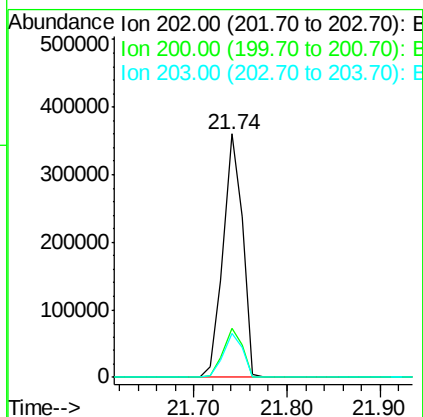
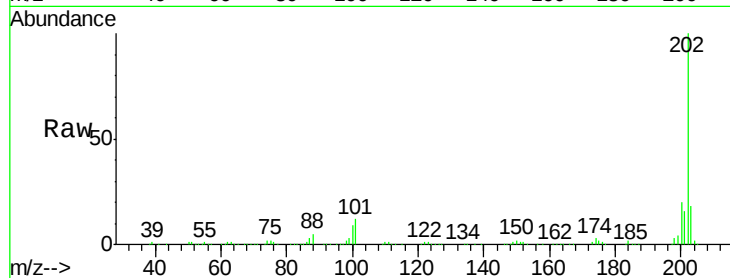




#77
 Pyrene
 Concen: 61.24 ng
 RT: 21.74 min Scan# 1807
 Delta R.T. -0.04 min
 Lab File: BF081686.D
 Acq: 17 Sep 2015 19:30

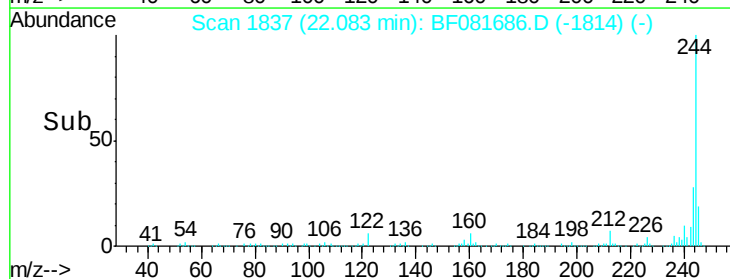
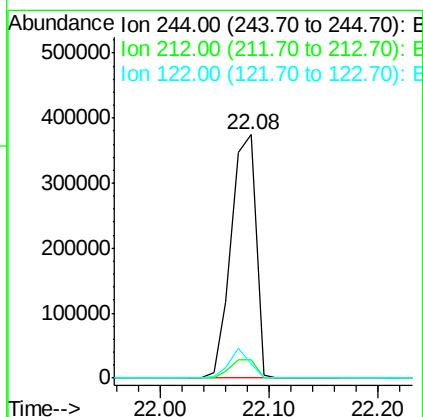
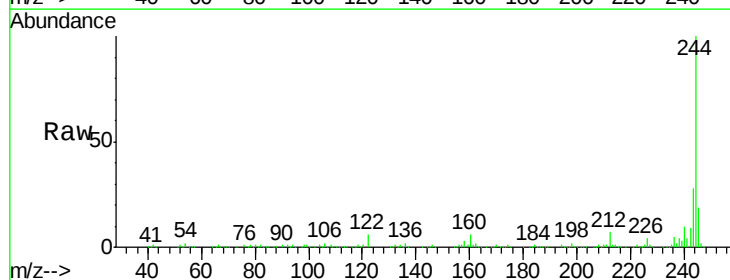
Instrument :
 BNA_F
 ClientSampleId :
 SB-14(0-0.16)MS

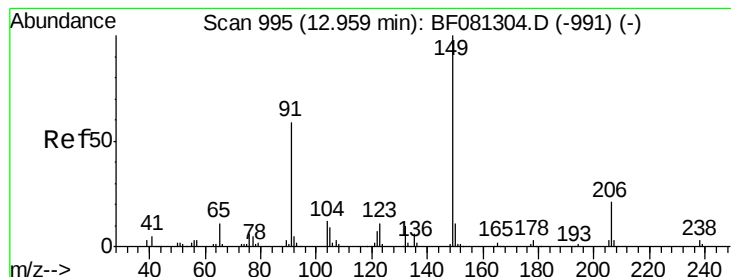
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	15.0	22.4
203	18.3	14.1	21.1



#78
 Terphenyl-d14
 Concen: 117.97 ng
 RT: 22.08 min Scan# 1837
 Delta R.T. -0.03 min
 Lab File: BF081686.D
 Acq: 17 Sep 2015 19:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	4.3	6.5#
122	6.0	17.4	26.2#





#79

Butylbenzylphthalate

Concen: 58.59 ng

RT: 22.77 min Scan# 1897

Delta R.T. -0.03 min

Lab File: BF081686.D

Acq: 17 Sep 2015 19:30

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MS

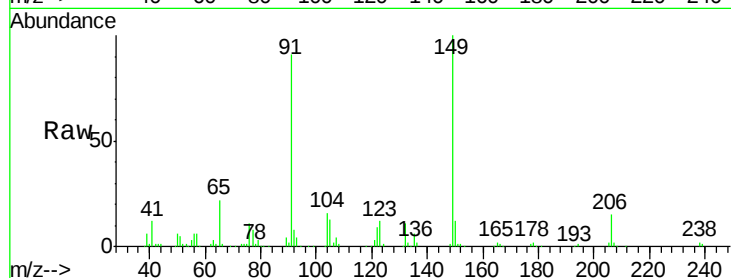
Tgt Ion:149 Resp: 217964

Ion Ratio Lower Upper

149 100

91 90.8 48.6 72.8#

206 14.9 14.9 22.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

22.77

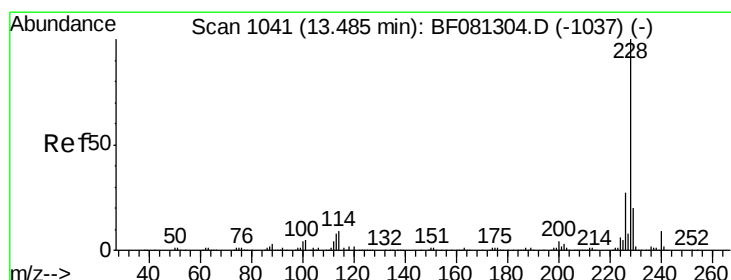
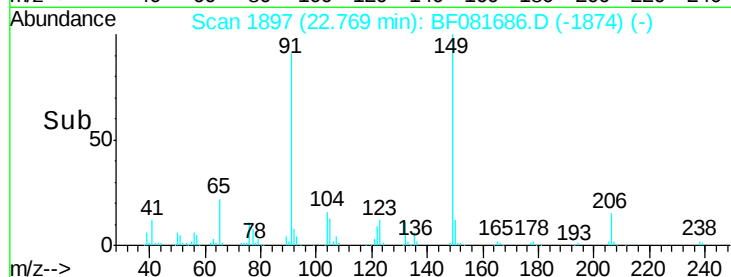
150000

100000

50000

0

Time--> 22.70 22.75 22.80



#80

Benzo(a)anthracene

Concen: 49.96 ng

RT: 23.34 min Scan# 1947

Delta R.T. -0.03 min

Lab File: BF081686.D

Acq: 17 Sep 2015 19:30

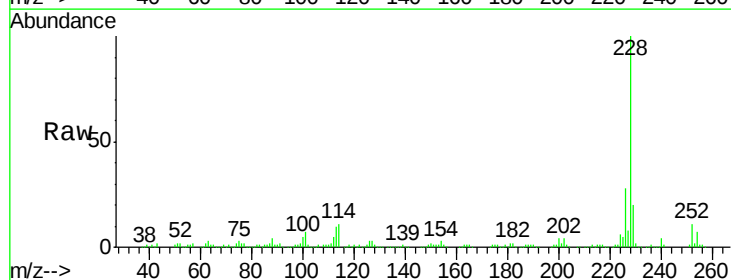
Tgt Ion:228 Resp: 367447

Ion Ratio Lower Upper

228 100

226 28.1 20.0 30.0

229 20.4 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

23.34

400000

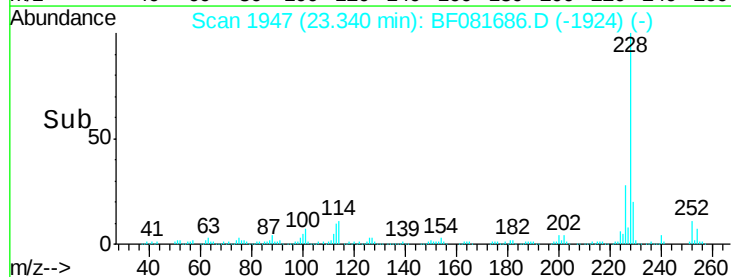
300000

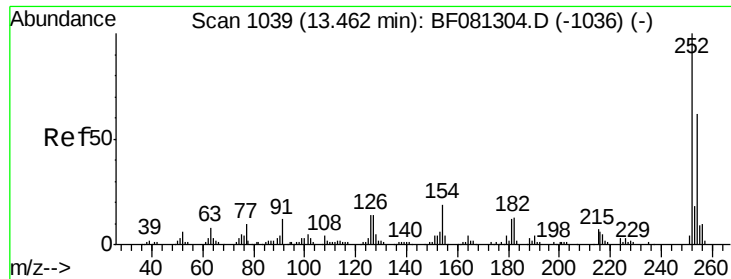
200000

100000

0

Time--> 23.30 23.35

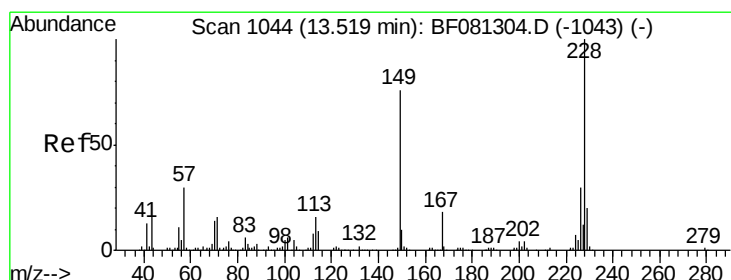
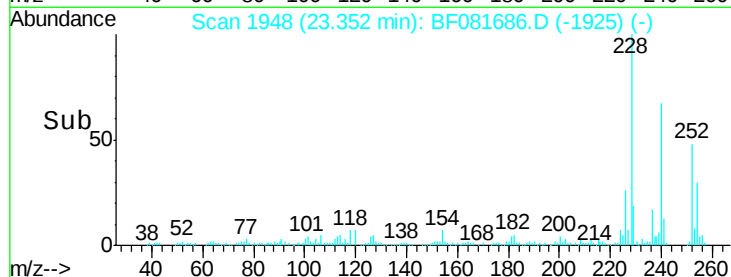
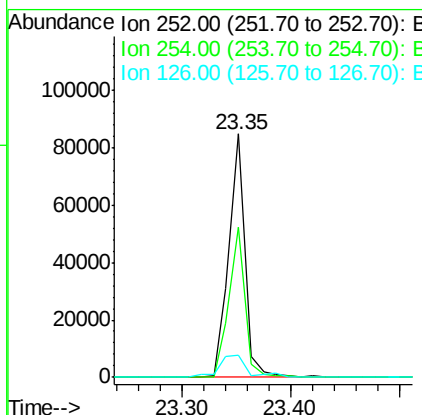
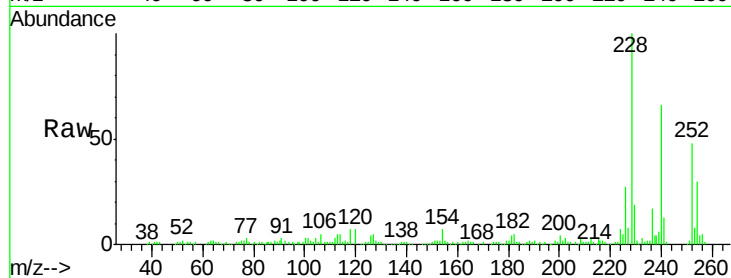




#81
 3,3'-Dichlorobenzidine
 Concen: 35.22 ng
 RT: 23.35 min Scan# 1948
 Delta R.T. -0.03 min
 Lab File: BF081686.D
 Acq: 17 Sep 2015 19:30

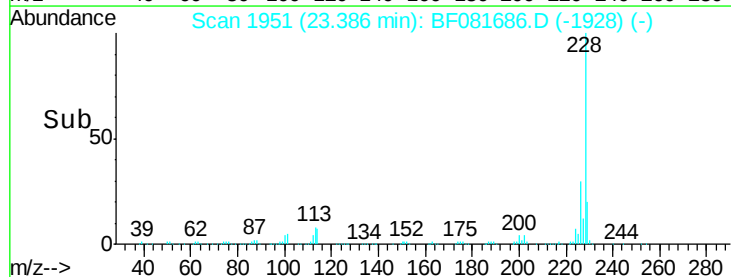
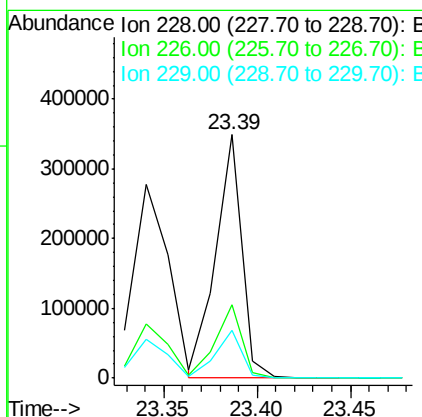
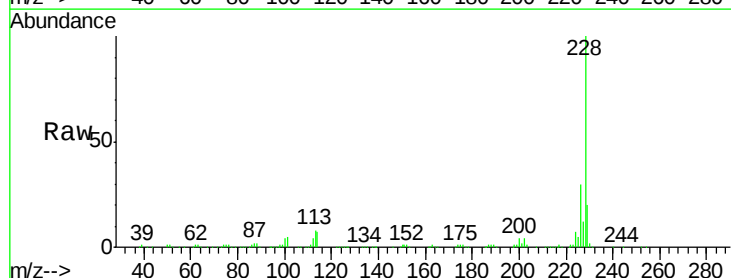
Instrument :
 BNA_F
 ClientSampleId :
 SB-14(0-0.16)MS

Tgt Ion:252 Resp: 87375
 Ion Ratio Lower Upper
 252 100
 254 61.8 51.4 77.2
 126 9.2 16.4 24.6#



#82
 Chrysene
 Concen: 51.70 ng
 RT: 23.39 min Scan# 1951
 Delta R.T. -0.03 min
 Lab File: BF081686.D
 Acq: 17 Sep 2015 19:30

Tgt Ion:228 Resp: 340870
 Ion Ratio Lower Upper
 228 100
 226 30.3 21.0 31.4
 229 19.8 15.6 23.4

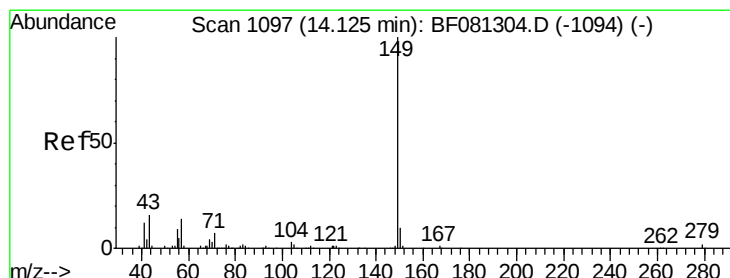
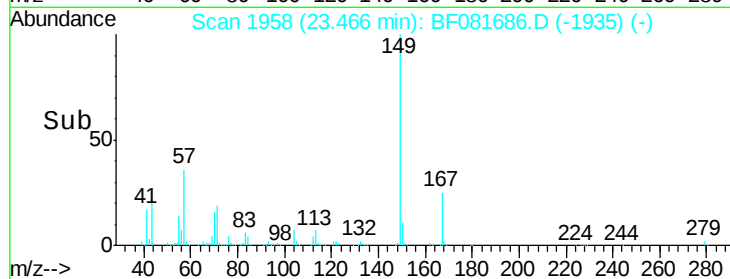
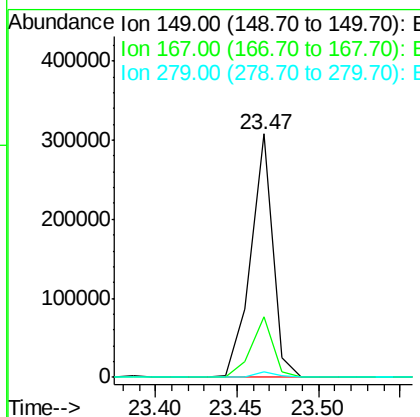
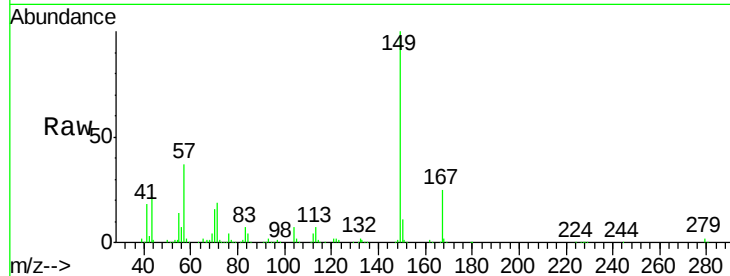




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 59.09 ng
 RT: 23.47 min Scan# 1958
 Delta R.T. -0.03 min
 Lab File: BF081686.D
 Acq: 17 Sep 2015 19:30

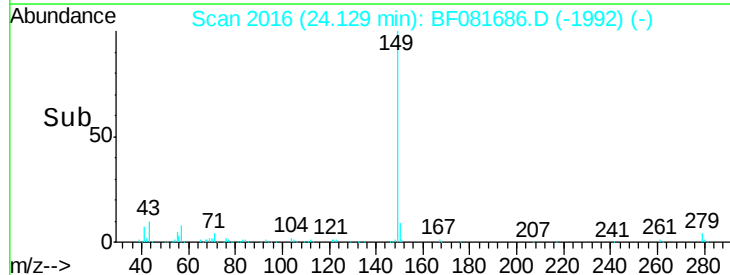
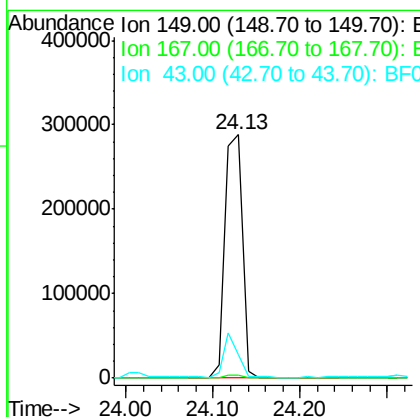
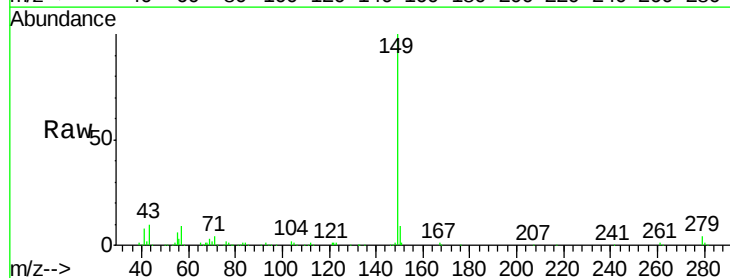
Instrument :
 BNA_F
 ClientSampleId :
 SB-14(0-0.16)MS

Tgt Ion:149 Resp: 290116
 Ion Ratio Lower Upper
 149 100
 167 24.9 24.2 36.2
 279 2.3 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 50.03 ng
 RT: 24.13 min Scan# 2016
 Delta R.T. -0.02 min
 Lab File: BF081686.D
 Acq: 17 Sep 2015 19:30

Tgt Ion:149 Resp: 404489
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.0 1.6
 43 14.5 10.2 15.2

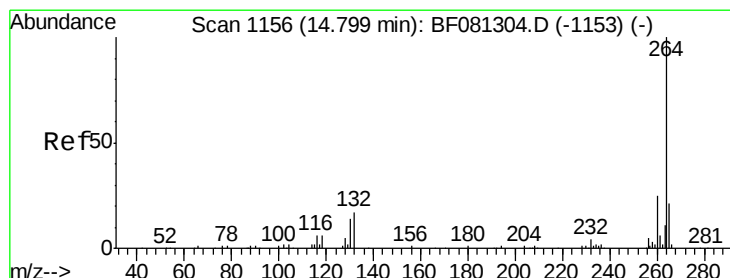
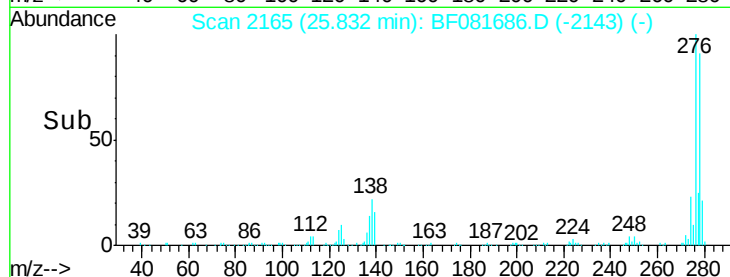
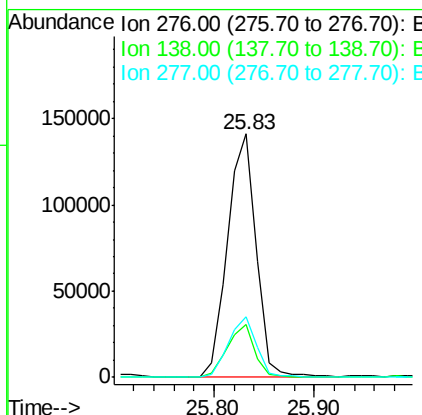
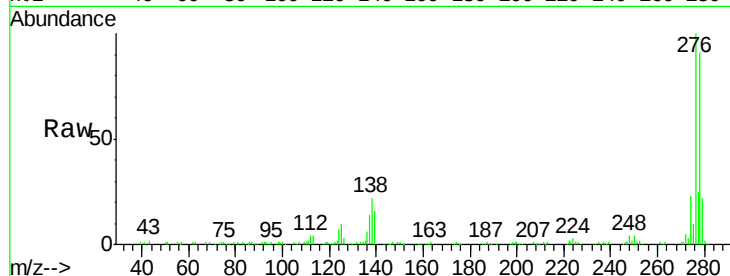




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 57.96 ng
 RT: 25.83 min Scan# 2165
 Delta R.T. -0.04 min
 Lab File: BF081686.D
 Acq: 17 Sep 2015 19:30

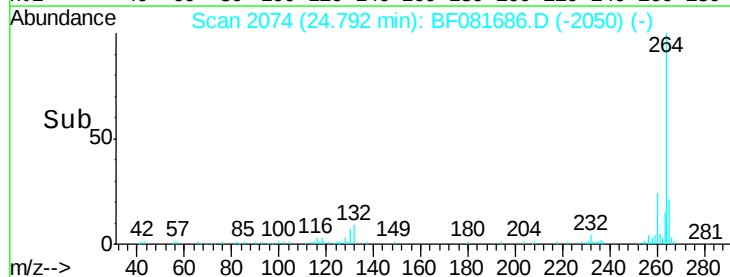
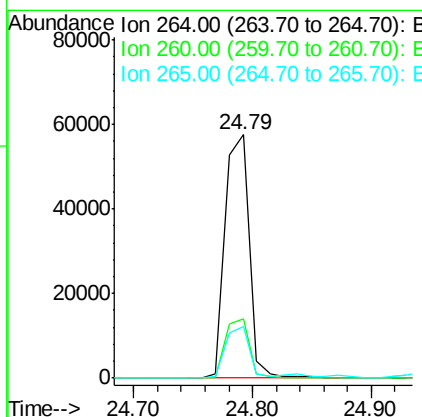
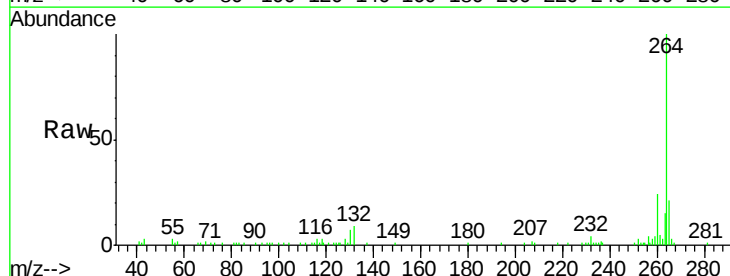
Instrument :
 BNA_F
 ClientSampleId :
 SB-14(0-0.16)MS

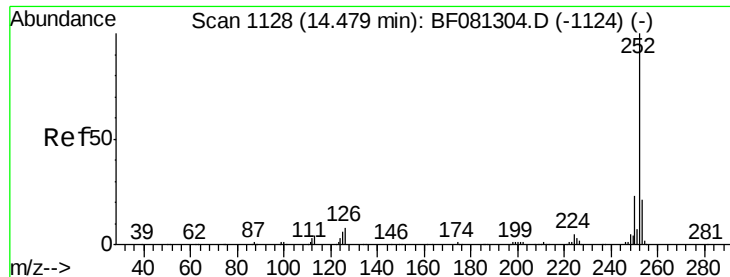
Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.9	25.7	38.5#
277	24.5	15.6	23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.79 min Scan# 2074
 Delta R.T. -0.02 min
 Lab File: BF081686.D
 Acq: 17 Sep 2015 19:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	16.7	25.1
265	21.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 92.70 ng

RT: 24.45 min Scan# 2044

Delta R.T. -0.03 min

Lab File: BF081686.D

Acq: 17 Sep 2015 19:30

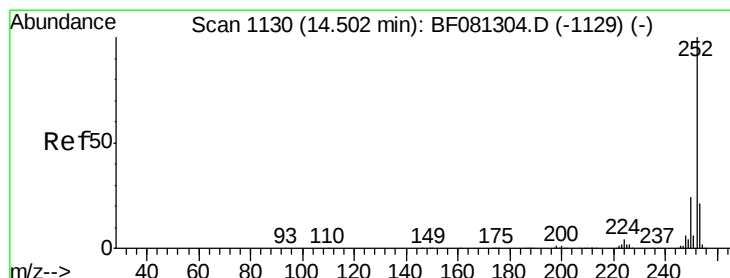
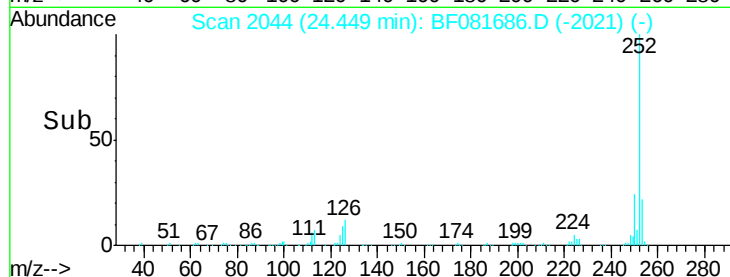
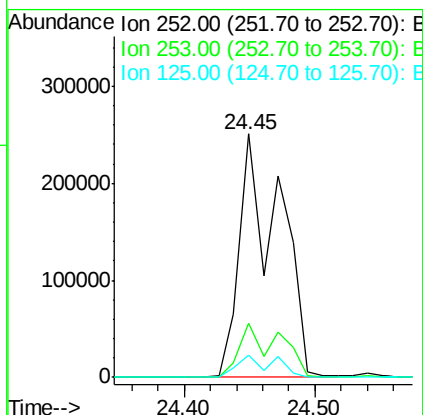
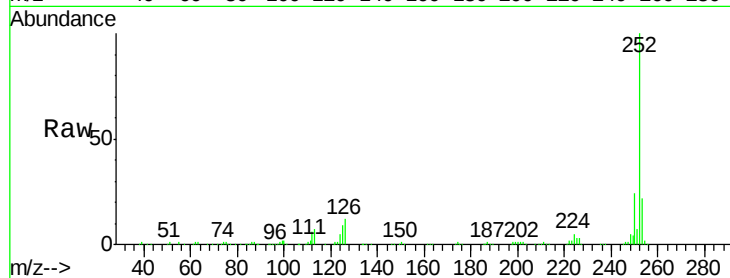
Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MS

Tgt Ion:	252	Resp:	534011
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.5	26.3
125	9.4	17.1	25.7#



#88

Benzo(k)fluoranthene

Concen: 111.72 ng

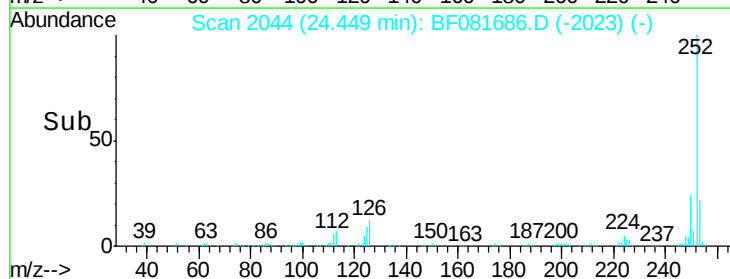
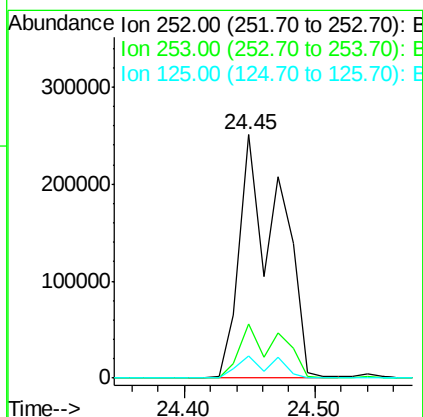
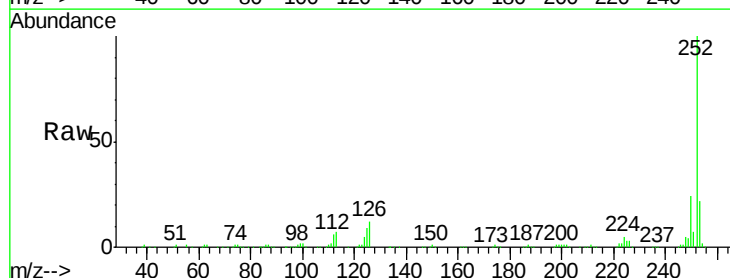
RT: 24.45 min Scan# 2044

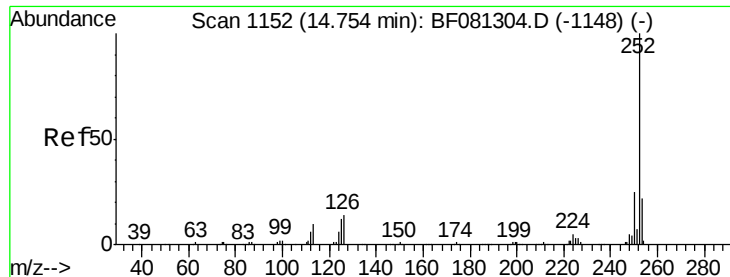
Delta R.T. -0.06 min

Lab File: BF081686.D

Acq: 17 Sep 2015 19:30

Tgt Ion:	252	Resp:	534011
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.0	25.4
125	9.4	16.0	24.0#





#89

Benzo(a)pyrene

Concen: 55.70 ng

RT: 24.75 min Scan# 2070

Delta R.T. -0.02 min

Lab File: BF081686.D

Acq: 17 Sep 2015 19:30

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MS

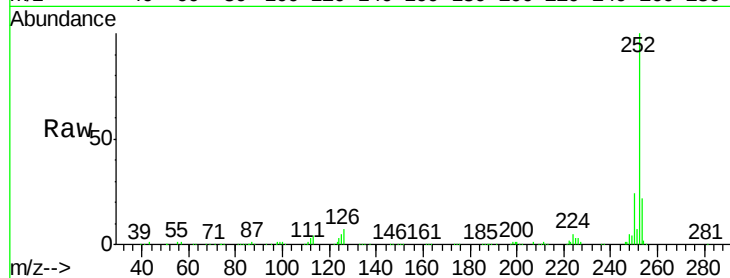
Tgt Ion:252 Resp: 271915

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

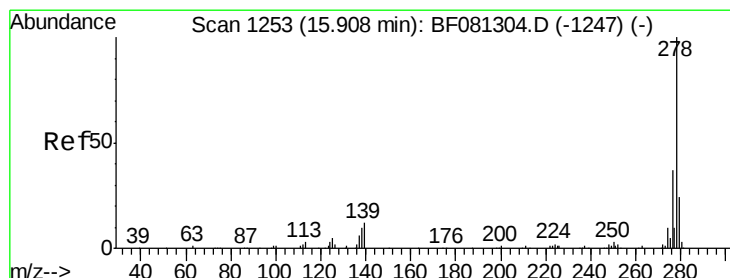
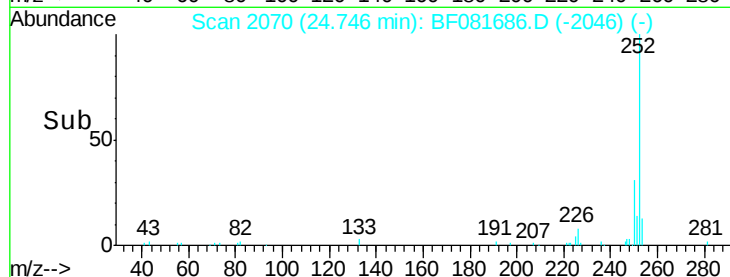
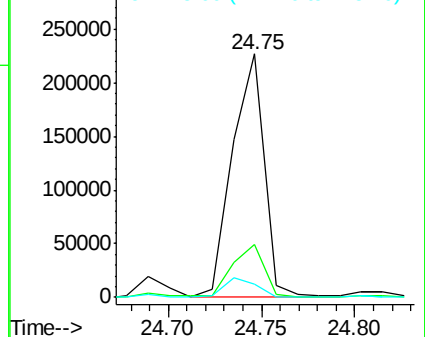
125 5.4 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 58.09 ng

RT: 25.84 min Scan# 2166

Delta R.T. -0.04 min

Lab File: BF081686.D

Acq: 17 Sep 2015 19:30

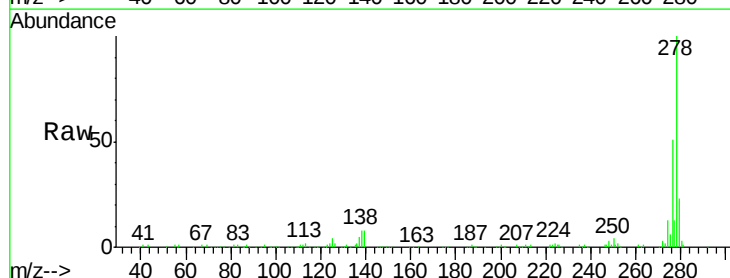
Tgt Ion:278 Resp: 219125

Ion Ratio Lower Upper

278 100

139 7.9 26.3 39.5#

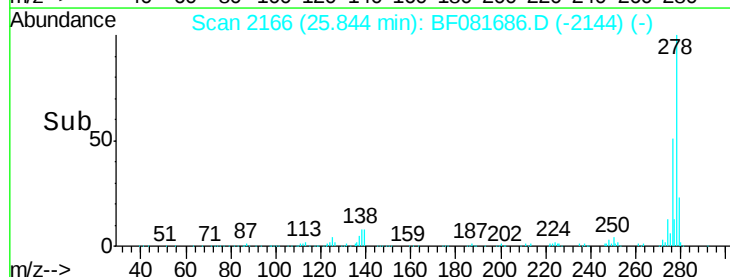
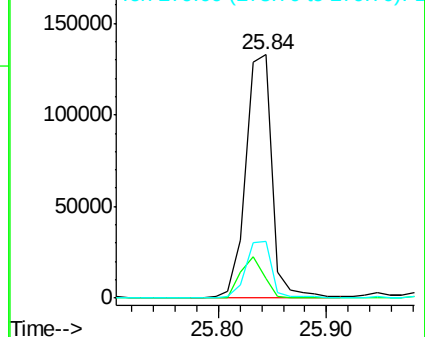
279 23.4 18.2 27.4

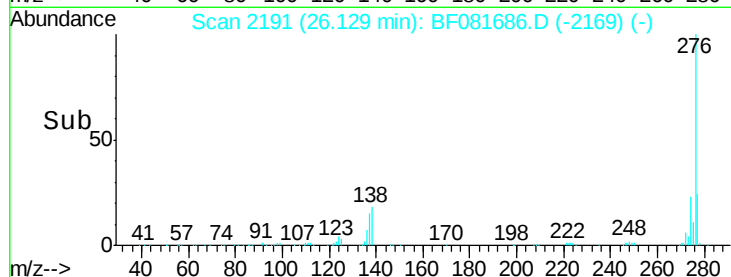
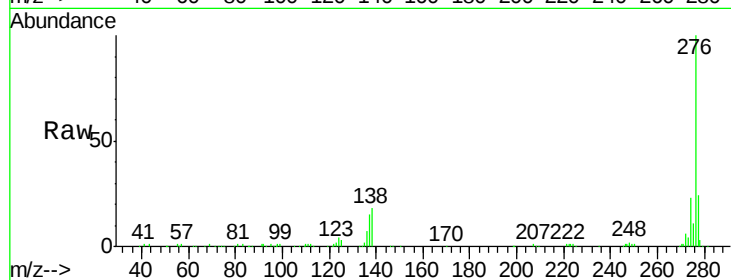
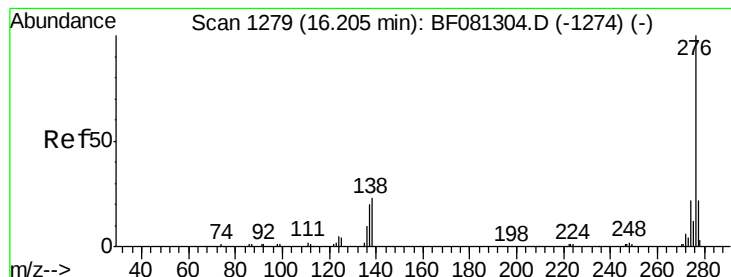


Abundance Ion 278.00 (277.70 to 278.70): E

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: 64.03 ng

RT: 26.13 min Scan# 2191

Delta R.T. -0.04 min

Lab File: BF081686.D

Acq: 17 Sep 2015 19:30

Instrument :

BNA_F

ClientSampleId :

SB-14(0-0.16)MS

Tgt Ion: 276 Resp: 230496

Ion Ratio Lower Upper

276 100

277 23.8 17.8 26.6

138 18.1 34.6 51.8#

