

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091615\
 Data File : BF081653.D
 Acq On : 16 Sep 2015 17:24
 Operator : UM/IZ
 Sample : G3647-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S12MSD

Quant Time: Sep 17 05:23:44 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	8.18	152	45559	20.00	ng	-0.03
21) Naphthalene-d8	11.09	136	180638	20.00	ng	-0.03
38) Acenaphthene-d10	15.22	164	88077	20.00	ng	-0.03
63) Phenanthrene-d10	18.72	188	182951	20.00	ng	-0.03
75) Chrysene-d12	23.36	240	143908	20.00	ng	-0.02
86) Perylene-d12	24.79	264	103179	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	370896	126.31	ng	0.00
7) Phenol-d6	7.62	99	515452	132.61	ng	-0.02
23) Nitrobenzene-d5	9.50	82	340950	91.06	ng	-0.03
41) 2,4,6-Tribromophenol	17.13	330	112896	143.96	ng	-0.03
44) 2-Fluorobiphenyl	13.74	172	559497	81.40	ng	-0.03
78) Terphenyl-d14	22.09	244	557992	90.26	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.60	88	40450m	30.67	ng	
3) Pyridine	2.11	79	102595	28.21	ng	# 85
4) n-Nitrosodimethylamine	2.08	42	99971	49.49	ng	# 57
6) Aniline	7.50	93	88659	16.15	ng	# 82
8) 2-Chlorophenol	7.74	128	139705	43.18	ng	# 77
9) Benzaldehyde	7.21	77	62065	25.48	ng	# 73
10) Phenol	7.65	94	182107	40.40	ng	# 57
11) bis(2-Chloroethyl)ether	7.73	93	143268	44.05	ng	# 73
12) 1,3-Dichlorobenzene	8.05	146	139031	40.21	ng	# 90
13) 1,4-Dichlorobenzene	8.23	146	143351	40.72	ng	# 90
14) 1,2-Dichlorobenzene	8.55	146	137613	43.42	ng	# 93
15) Benzyl Alcohol	8.63	79	145452	45.62	ng	# 71
16) 2,2'-oxybis(1-Chloropropan	8.95	45	305201	48.96	ng	92
17) 2-Methylphenol	8.97	107	114346	44.29	ng	# 78
18) Hexachloroethane	9.28	117	56561	41.30	ng	# 86
19) n-Nitroso-di-n-propylamine	9.26	70	118197	44.68	ng	# 90
20) 3+4-Methylphenols	9.35	107	150951	43.36	ng	83
22) Acetophenone	9.18	105	214512	43.48	ng	# 74
24) Nitrobenzene	9.53	77	173152	44.53	ng	# 64
25) Isophorone	10.13	82	307926	44.22	ng	# 83
26) 2-Nitrophenol	10.26	139	73157	43.17	ng	# 28
27) 2,4-Dimethylphenol	10.54	122	123266	42.11	ng	# 78
28) bis(2-Chloroethoxy)methane	10.73	93	182845	45.45	ng	# 92
29) 2,4-Dichlorophenol	10.88	162	113794	44.83	ng	93
30) 1,2,4-Trichlorobenzene	10.99	180	118957	43.14	ng	97
31) Naphthalene	11.14	128	411706	42.74	ng	100
32) Benzoic acid	10.99	122	2630m	3.73	ng	
33) 4-Chloroaniline	11.38	127	36209	9.21	ng	# 81
34) Hexachlorobutadiene	11.49	225	74202	44.22	ng	97
35) Caprolactam	12.29	113	34485m	44.30	ng	
36) 4-Chloro-3-methylphenol	12.71	107	141945	49.96	ng	# 77
37) 2-Methylnaphthalene	12.79	142	274686	43.82	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	13.20	216	118852	42.67	ng	97
40) Hexachlorocyclopentadiene	13.18	237	117344	85.84	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.56	196	82343	42.83	ng	99
43) 2,4,5-Trichlorophenol	13.66	196	85893	43.80	ng	# 88
45) 1,1'-Biphenyl	13.94	154	334866	41.33	ng	96
46) 2-Chloronaphthalene	13.92	162	244682	41.81	ng	# 87
47) 2-Nitroaniline	14.28	65	111619	46.80	ng	# 63
48) Acenaphthylene	14.88	152	428376	41.26	ng	98
49) Dimethylphthalate	14.82	163	409232	59.80	ng	# 96
50) 2,6-Dinitrotoluene	14.92	165	64484	41.52	ng	# 37
51) Acenaphthene	15.30	154	243052	41.15	ng	90
52) 3-Nitroaniline	15.27	138	35558	20.11	ng	# 54
53) 2,4-Dinitrophenol	15.57	184	40048	52.99	ng	# 33
54) Dibenzofuran	15.73	168	376119	43.62	ng	# 85
55) 4-Nitrophenol	15.90	139	97382	87.67	ng	# 24
56) 2,4-Dinitrotoluene	15.86	165	89946	45.48	ng	# 57
57) Fluorene	16.54	166	297237	45.42	ng	94
58) 2,3,4,6-Tetrachlorophenol	16.09	232	70434	47.04	ng	90
59) Diethylphthalate	16.52	149	335222	46.57	ng	95
60) 4-Chlorophenyl-phenylether	16.63	204	142418	46.69	ng	# 84
61) 4-Nitroaniline	16.74	138	63333	35.45	ng	# 23
62) Azobenzene	17.00	77	374607	46.81	ng	82
64) 4,6-Dinitro-2-methylphenol	16.84	198	44027	43.03	ng	84
65) n-Nitrosodiphenylamine	16.95	169	260117	39.07	ng	95
66) 4-Bromophenyl-phenylether	17.77	248	78213	42.28	ng	# 90
67) Hexachlorobenzene	17.82	284	79511	41.11	ng	# 79
68) Atrazine	18.36	200	96134	49.90	ng	# 79
69) Pentachlorophenol	18.37	266	74212	78.94	ng	97
70) Phenanthrene	18.79	178	426157	41.90	ng	97
71) Anthracene	18.90	178	429937	41.14	ng	99
72) Carbazole	19.38	167	409737	41.79	ng	97
73) Di-n-butylphthalate	20.44	149	532532	45.99	ng	# 98
74) Fluoranthene	21.41	202	455768	41.39	ng	88
76) Benzidine	21.72	184	122776	19.87	ng	97
77) Pyrene	21.75	202	466719	43.78	ng	98
79) Butylbenzylphthalate	22.78	149	208997	45.08	ng	# 73
80) Benzo(a)anthracene	23.35	228	382146	41.70	ng	97
81) 3,3'-Dichlorobenzidine	23.36	252	56093	18.15	ng	# 93
82) Chrysene	23.40	228	366100	44.56	ng	94
83) Bis(2-ethylhexyl)phthalate	23.48	149	315781	51.61	ng	# 92
84) Di-n-octyl phthalate	24.13	149	469477	46.60	ng	95
85) Indeno(1,2,3-cd)pyrene	25.84	276	237185	39.35	ng	# 84
87) Benzo(b)fluoranthene	24.46	252	330878m	44.92	ng	
88) Benzo(k)fluoranthene	24.48	252	247967m	40.57	ng	
89) Benzo(a)pyrene	24.74	252	261110	41.83	ng	# 88
90) Dibenzo(a,h)anthracene	25.85	278	205038	42.51	ng	# 74
91) Benzo(g,h,i)perylene	26.14	276	191359	41.57	ng	# 73

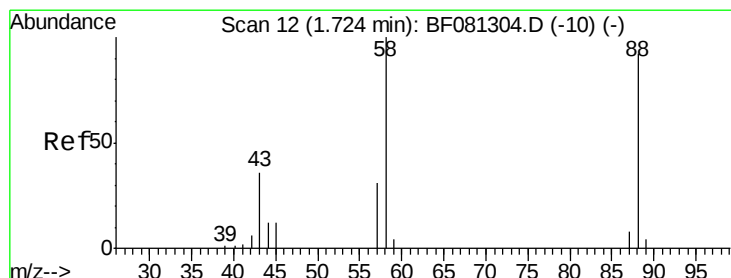
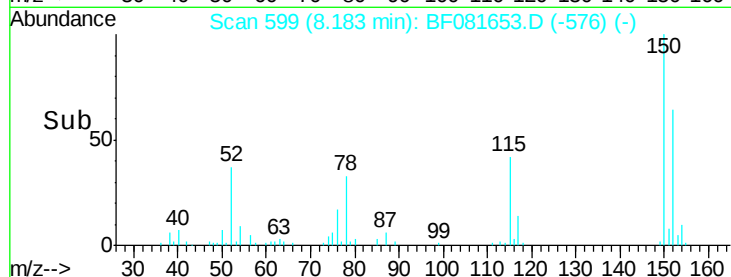
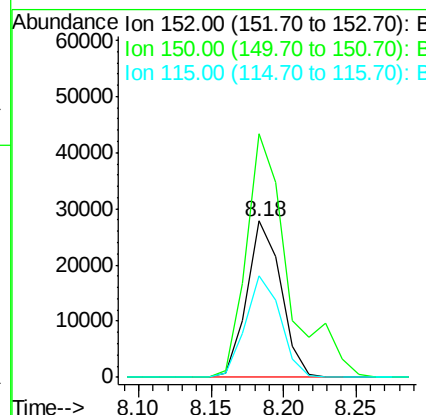
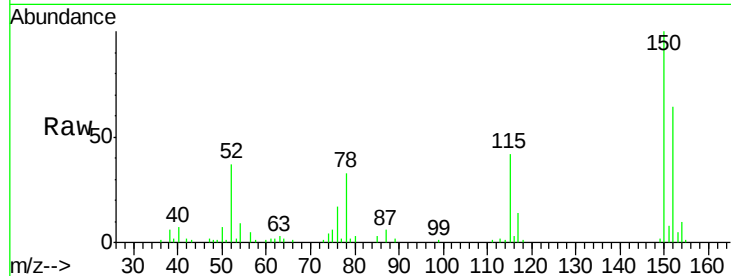
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.18 min Scan# 599
 Delta R.T. -0.03 min
 Lab File: BF081653.D
 Acq: 16 Sep 2015 17:24

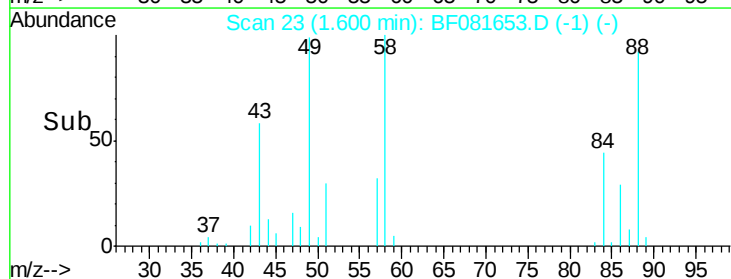
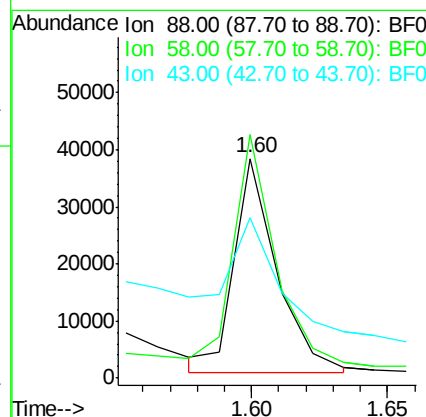
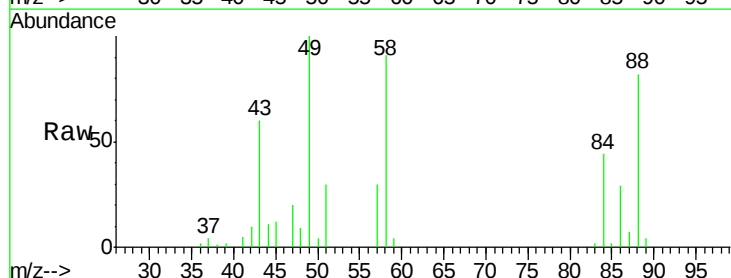
Instrument :
 BNA_F
 ClientSampleId :
 S12MSD

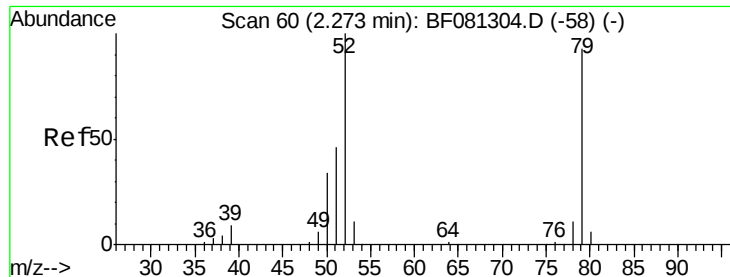
Tgt Ion:152 Resp: 45559
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.7 187.1
 115 65.4 39.0 58.4#



#2
 1,4-Dioxane
 Concen: 30.67 ng m
 RT: 1.60 min Scan# 23
 Delta R.T. 0.03 min
 Lab File: BF081653.D
 Acq: 16 Sep 2015 17:24

Tgt Ion: 88 Resp: 40450
 Ion Ratio Lower Upper
 88 100
 58 0.0 77.7 116.5#
 43 0.0 26.6 40.0#





#3

Pyridine

Concen: 28.21 ng

RT: 2.11 min Scan# 68

Delta R.T. 0.03 min

Lab File: BF081653.D

Acq: 16 Sep 2015 17:24

Instrument :

BNA_F

ClientSampleId :

S12MSD

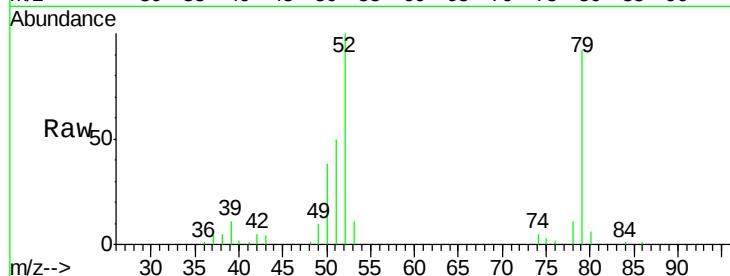
Tgt Ion: 79 Resp: 102595

Ion Ratio Lower Upper

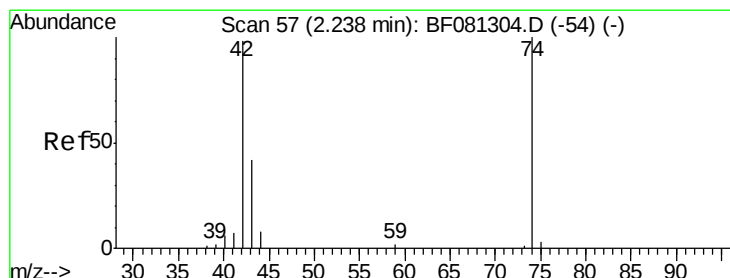
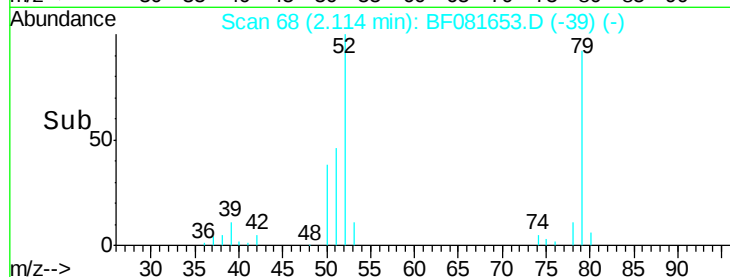
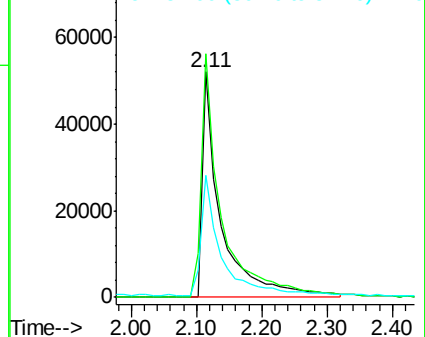
79 100

52 108.2 76.8 115.2

51 54.1 32.2 48.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 49.49 ng

RT: 2.08 min Scan# 65

Delta R.T. 0.02 min

Lab File: BF081653.D

Acq: 16 Sep 2015 17:24

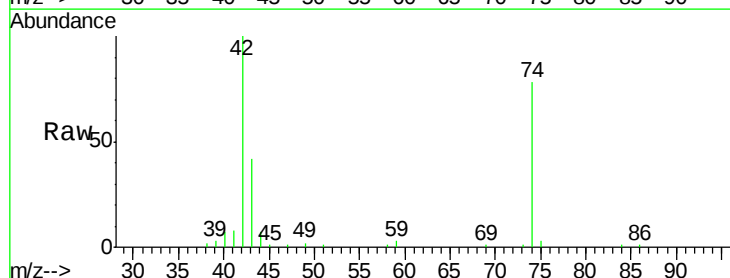
Tgt Ion: 42 Resp: 99971

Ion Ratio Lower Upper

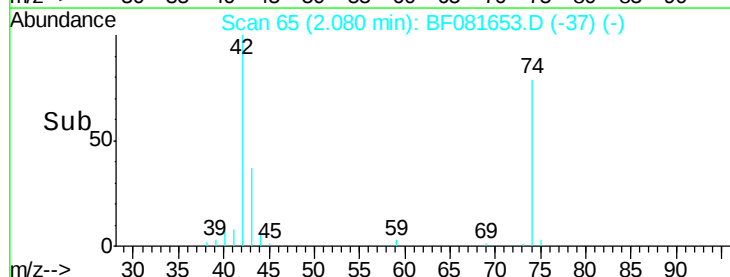
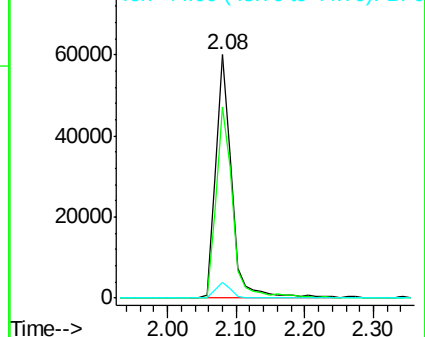
42 100

74 78.5 105.0 157.6#

44 6.7 6.6 10.0



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 126.31 ng

RT: 5.35 min Scan# 351

Delta R.T. -0.00 min

Lab File: BF081653.D

Acq: 16 Sep 2015 17:24

Instrument :

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ClientSampleId :

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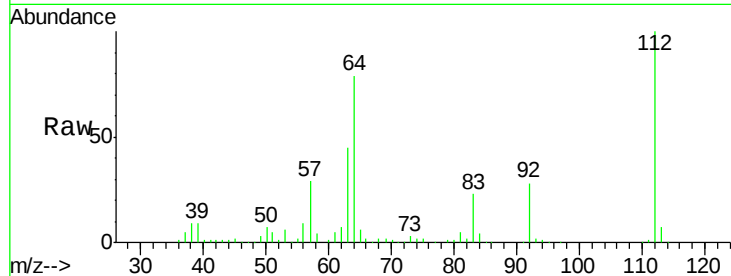
Tgt Ion: 112 Resp: 370896

Ion Ratio Lower Upper

112 100

64 79.4 39.7 59.5#

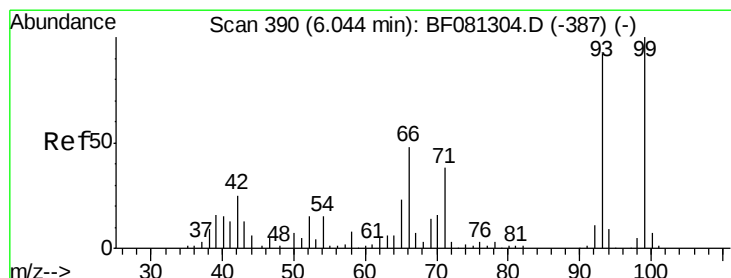
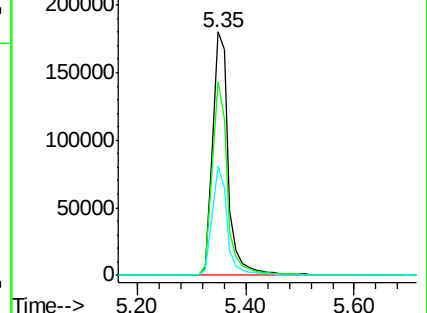
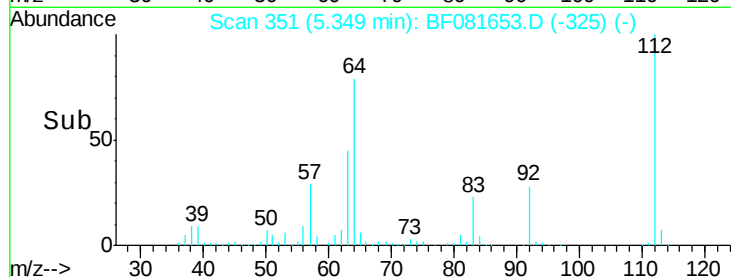
63 44.8 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.15 ng

RT: 7.50 min Scan# 539

Delta R.T. -0.02 min

Lab File: BF081653.D

Acq: 16 Sep 2015 17:24

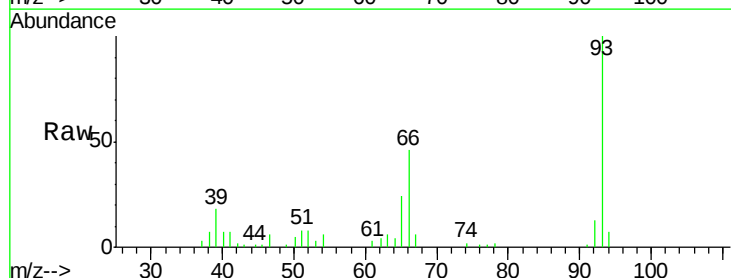
Tgt Ion: 93 Resp: 88659

Ion Ratio Lower Upper

93 100

66 45.8 27.2 40.8#

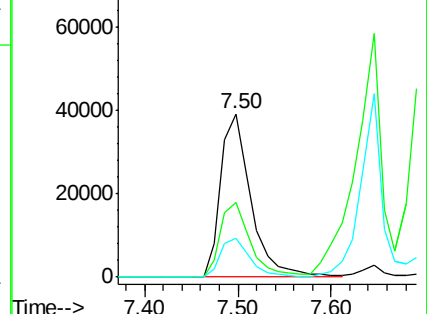
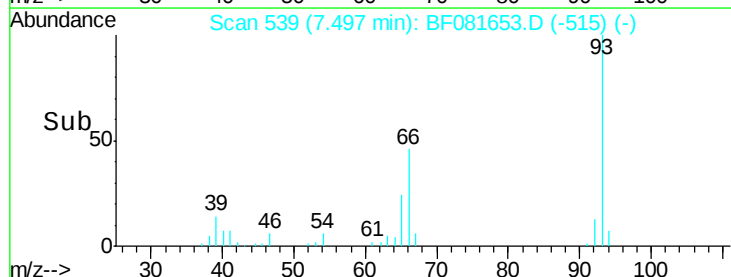
65 23.9 14.7 22.1#

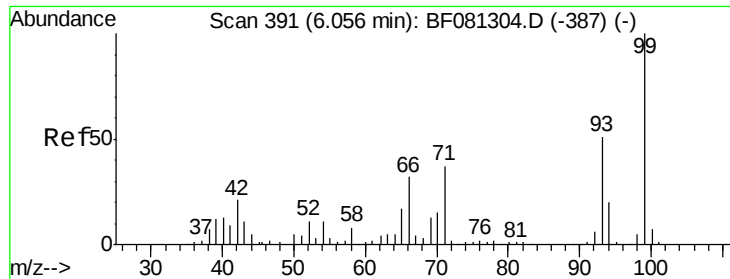


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 132.61 ng

RT: 7.62 min Scan# 550

Delta R.T. -0.02 min

Lab File: BF081653.D

Acq: 16 Sep 2015 17:24

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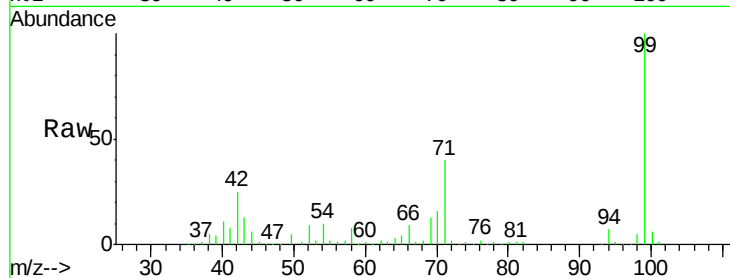
Tgt Ion: 99 Resp: 515452

Ion Ratio Lower Upper

99 100

42 25.4 13.7 20.5#

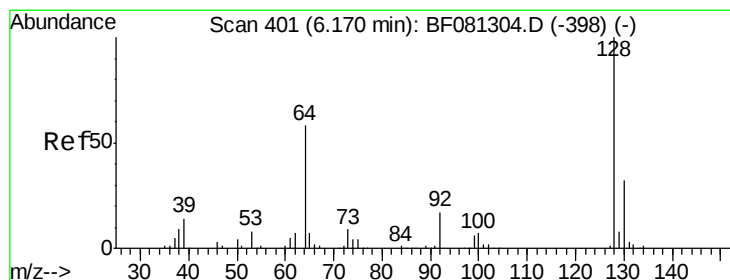
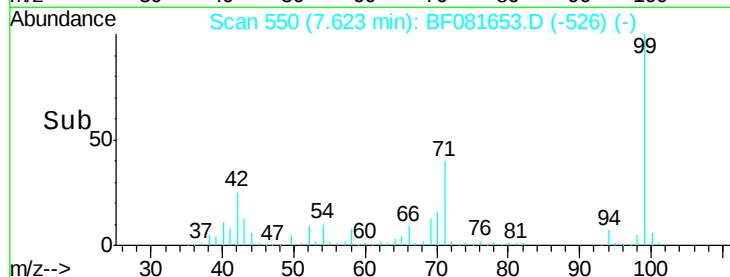
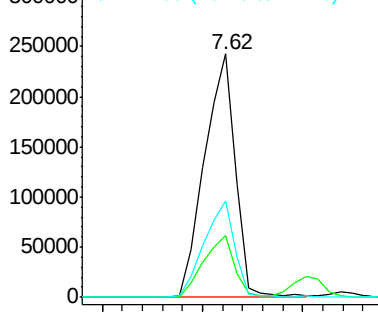
71 39.8 14.2 21.2#



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: 43.18 ng

RT: 7.74 min Scan# 560

Delta R.T. -0.03 min

Lab File: BF081653.D

Acq: 16 Sep 2015 17:24

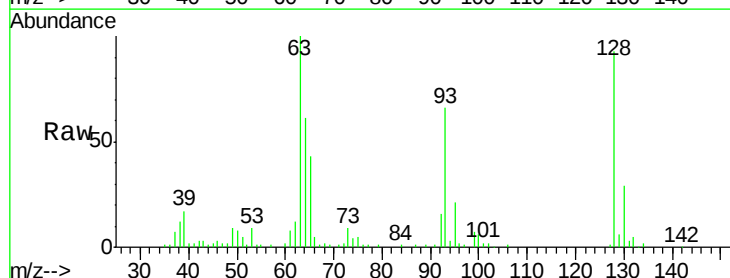
Tgt Ion: 128 Resp: 139705

Ion Ratio Lower Upper

128 100

130 31.4 12.2 52.2

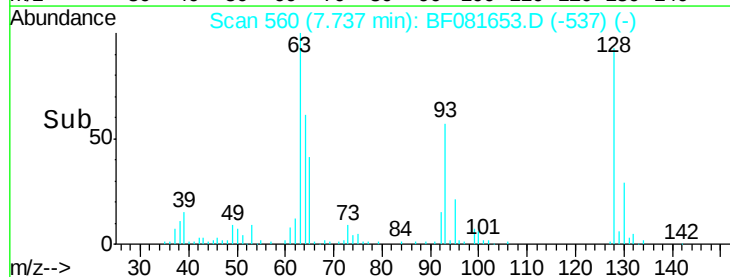
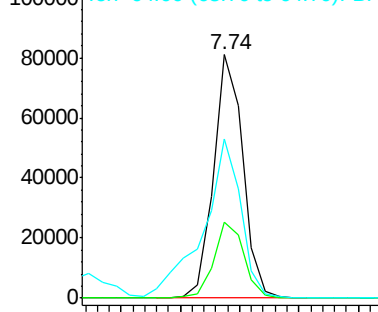
64 65.5 20.5 60.5#

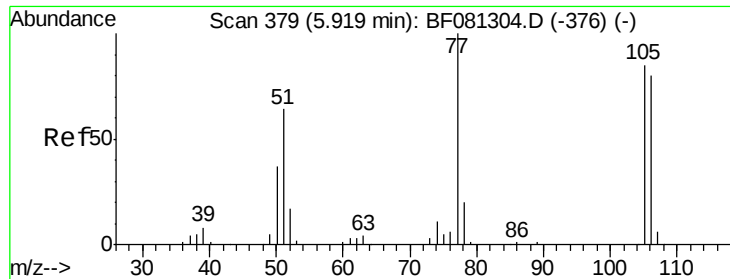


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 25.48 ng

RT: 7.21 min Scan# 514

Delta R.T. -0.02 min

Lab File: BF081653.D

Acq: 16 Sep 2015 17:24

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S12MSD

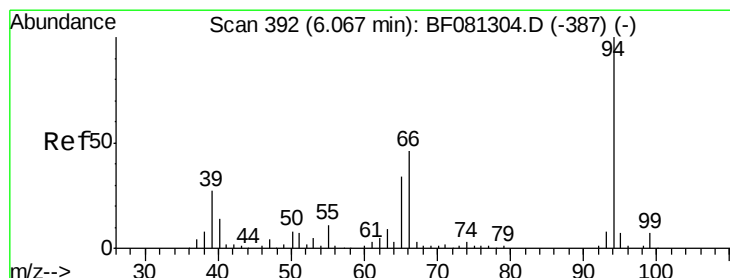
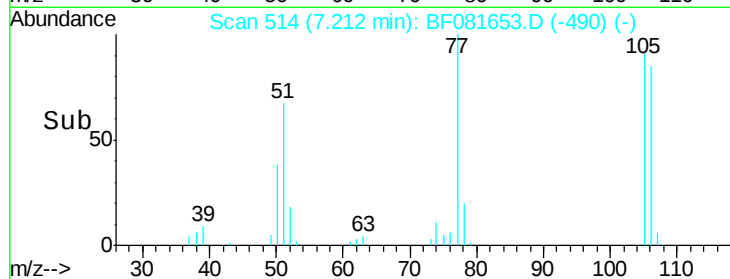
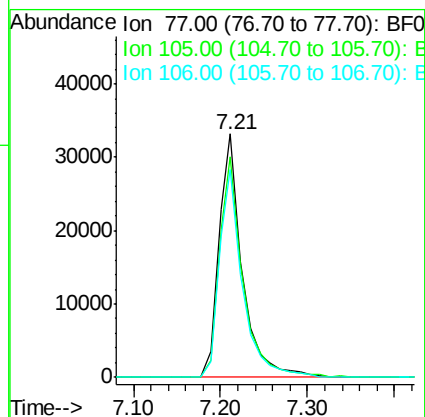
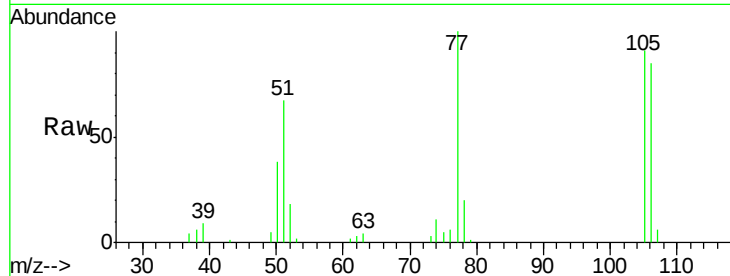
Tgt Ion: 77 Resp: 62065

Ion Ratio Lower Upper

77 100

105 90.6 91.6 131.6#

106 85.3 102.6 142.6#



#10

Phenol

Concen: 40.40 ng

RT: 7.65 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF081653.D

Acq: 16 Sep 2015 17:24

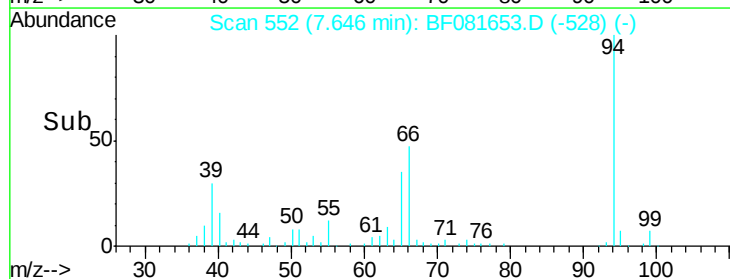
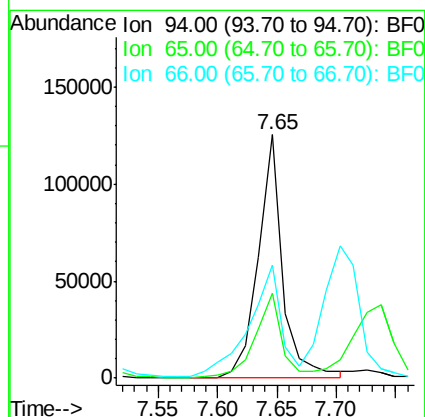
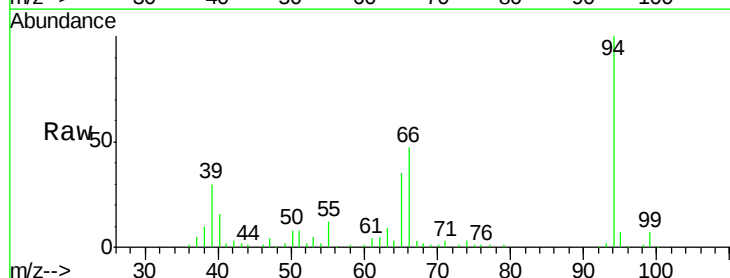
Tgt Ion: 94 Resp: 182107

Ion Ratio Lower Upper

94 100

65 35.0 0.7 40.7

66 46.5 0.8 40.8#

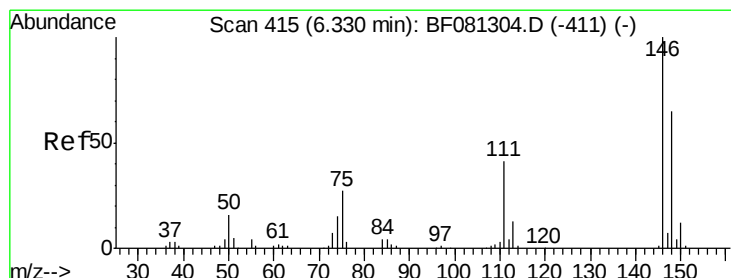
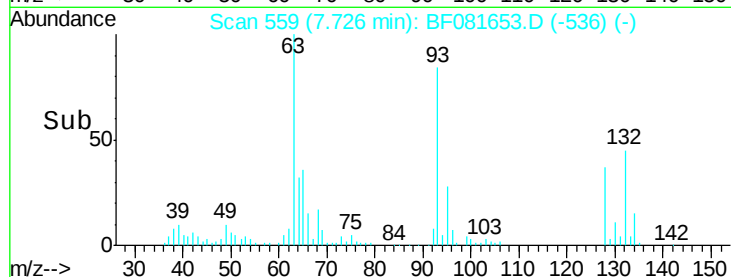
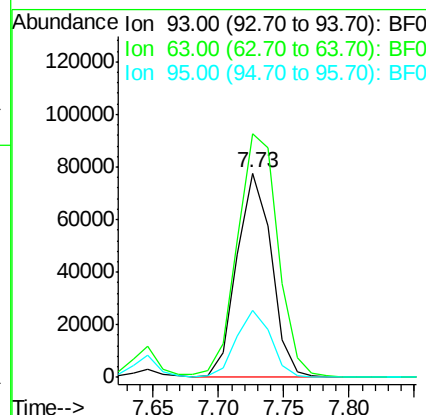
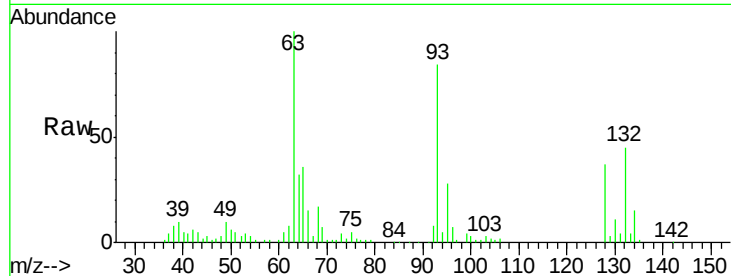




#11
bis(2-Chloroethyl)ether
Concen: 44.05 ng
RT: 7.73 min Scan# 559
Delta R.T. -0.03 min
Lab File: BF081653.D
Acq: 16 Sep 2015 17:24

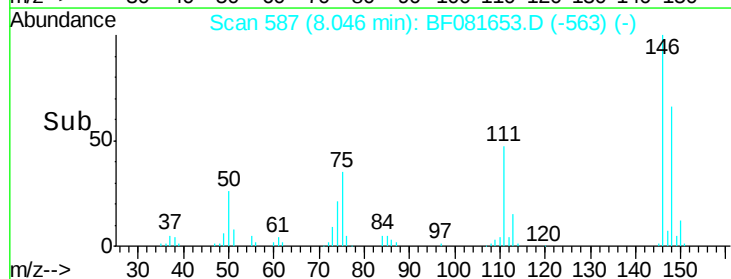
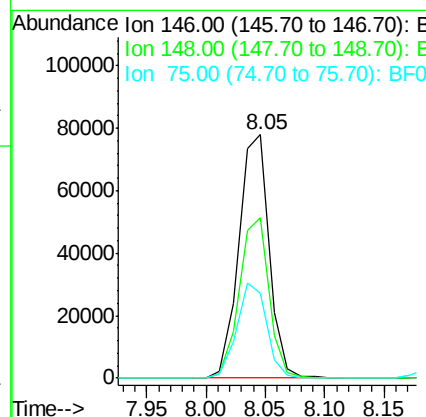
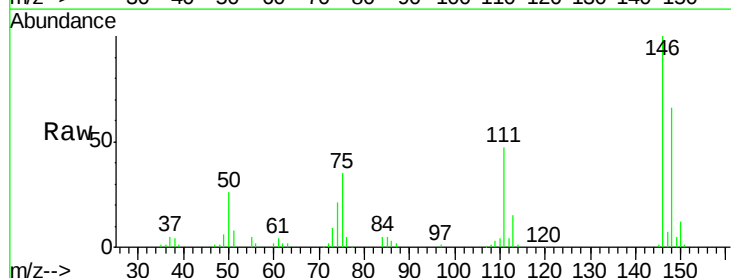
Instrument :
BNA_F
ClientSampleId :
S12MSD

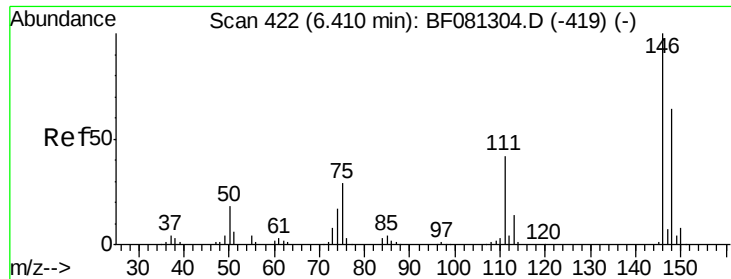
Tgt Ion: 93 Resp: 143268
Ion Ratio Lower Upper
93 100
63 119.0 65.6 105.6#
95 32.7 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 40.21 ng
RT: 8.05 min Scan# 587
Delta R.T. -0.02 min
Lab File: BF081653.D
Acq: 16 Sep 2015 17:24

Tgt Ion: 146 Resp: 139031
Ion Ratio Lower Upper
146 100
148 65.7 51.0 76.4
75 35.1 15.0 22.6#

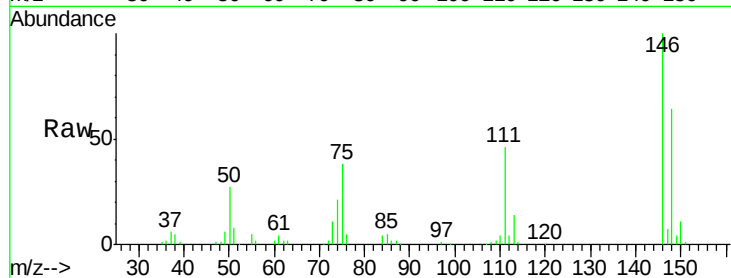




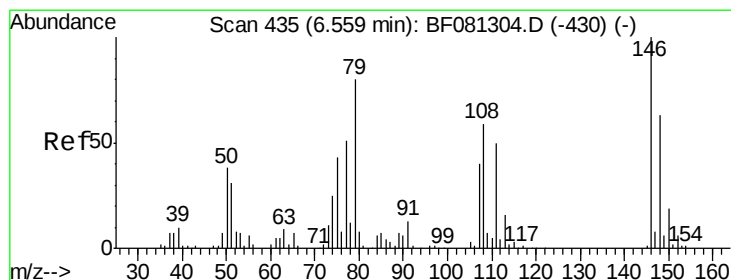
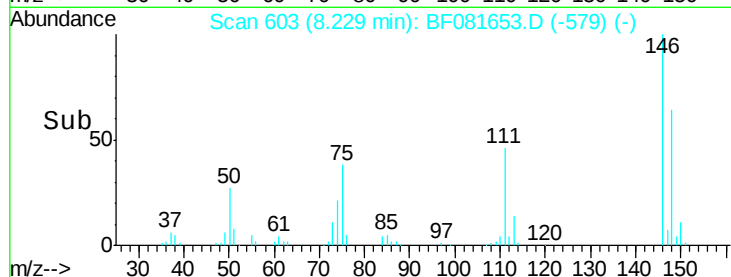
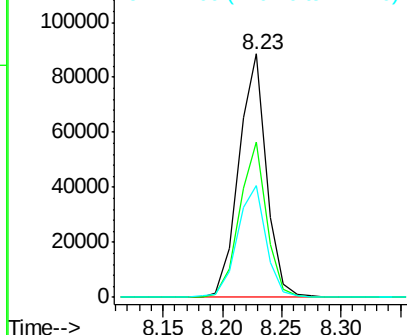
#13
 1,4-Dichlorobenzene
 Concen: 40.72 ng
 RT: 8.23 min Scan# 603
 Delta R.T. -0.02 min
 Lab File: BF081653.D
 Acq: 16 Sep 2015 17:24

Instrument :
 BNA_F
 ClientSampleId :
 S12MSD

Tgt Ion:146 Resp: 143351
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.8 77.6
 111 46.0 24.9 37.3#

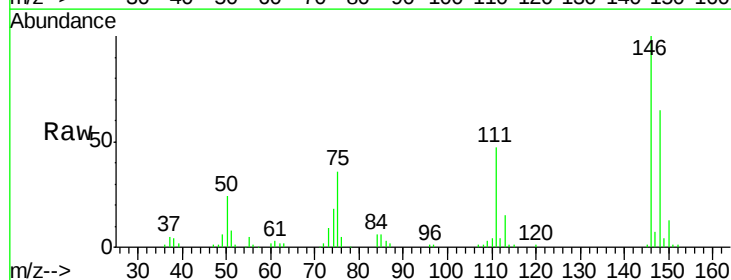


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

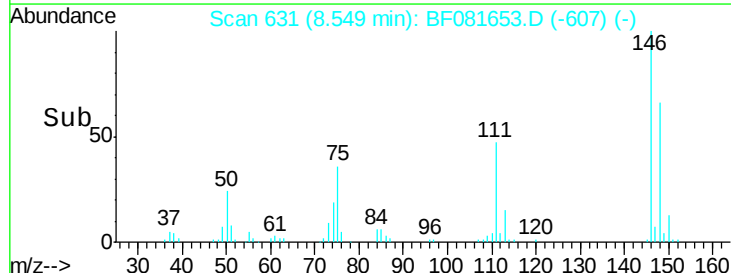
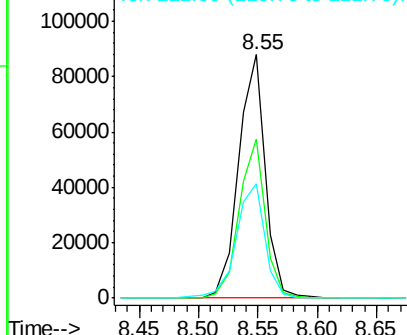


#14
 1,2-Dichlorobenzene
 Concen: 43.42 ng
 RT: 8.55 min Scan# 631
 Delta R.T. -0.02 min
 Lab File: BF081653.D
 Acq: 16 Sep 2015 17:24

Tgt Ion:146 Resp: 137613
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.7 79.1
 111 46.7 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: 45.62 ng

RT: 8.63 min Scan# 638

Delta R.T. -0.03 min

Lab File: BF081653.D

Acq: 16 Sep 2015 17:24

Instrument :

BNA_F

ClientSampleId :

S12MSD

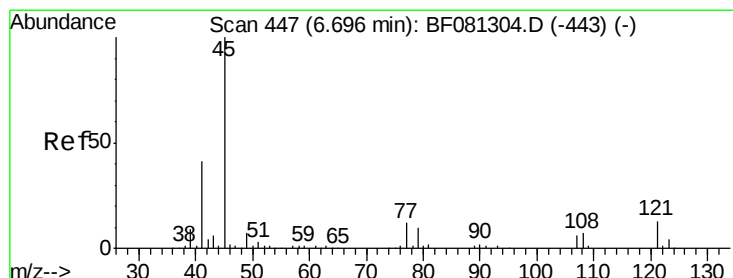
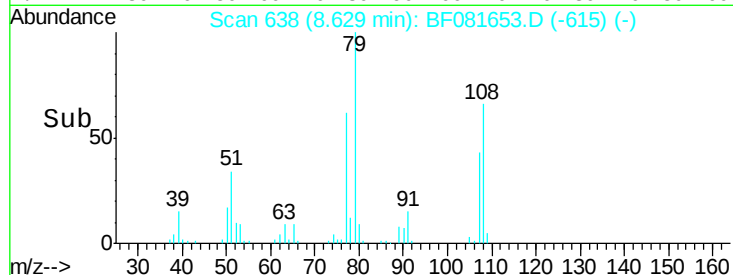
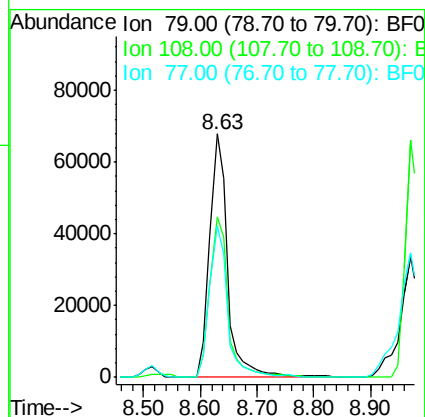
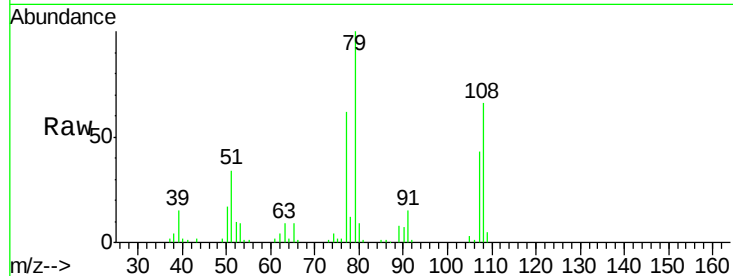
Tgt Ion: 79 Resp: 145452

Ion Ratio Lower Upper

79 100

108 65.7 88.6 132.8#

77 62.2 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.96 ng

RT: 8.95 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF081653.D

Acq: 16 Sep 2015 17:24

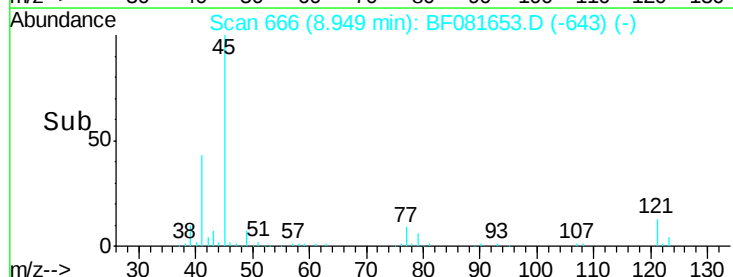
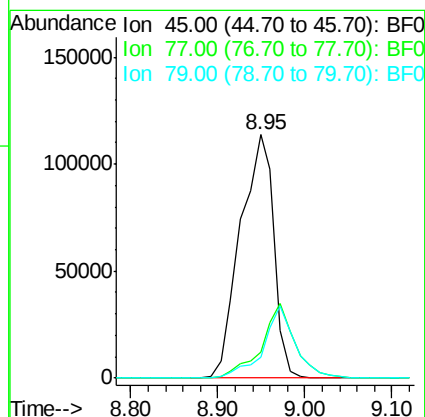
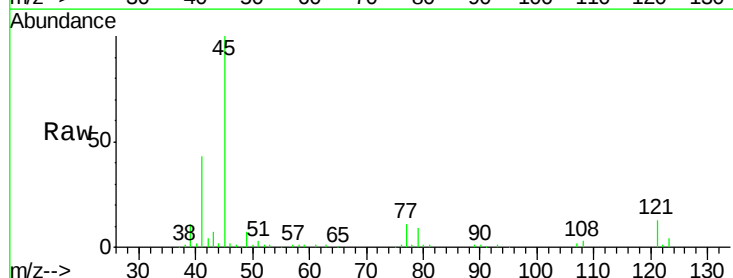
Tgt Ion: 45 Resp: 305201

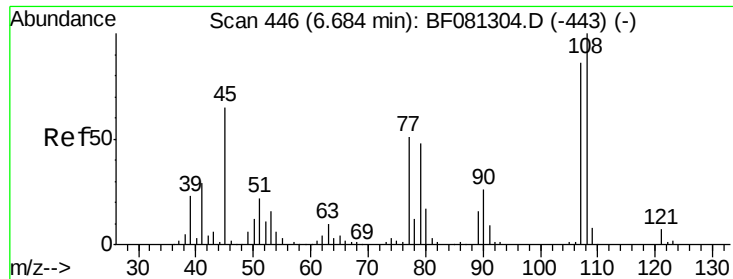
Ion Ratio Lower Upper

45 100

77 10.9 0.0 28.1

79 8.6 0.0 26.0

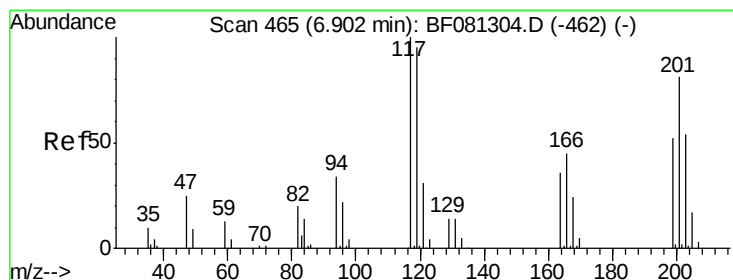
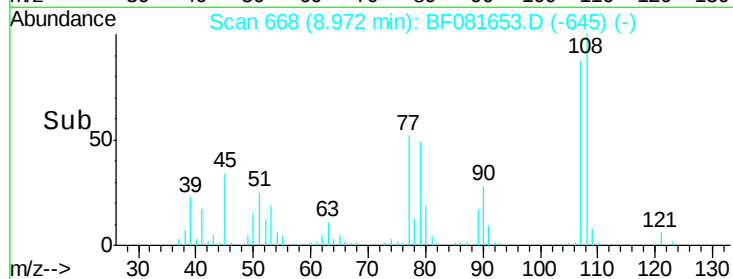
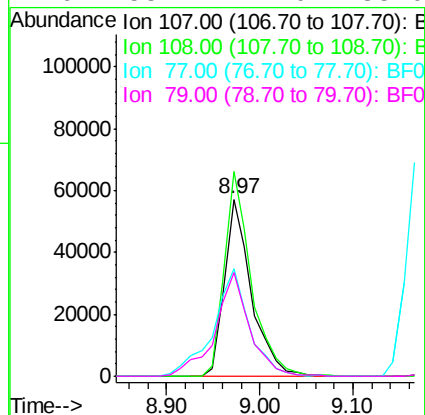
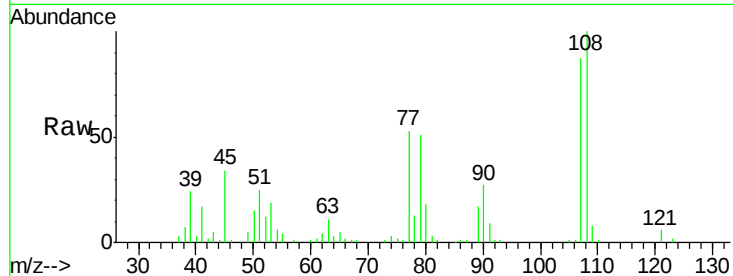




#17
2-Methylphenol
Concen: 44.29 ng
RT: 8.97 min Scan# 668
Delta R.T. -0.03 min
Lab File: BF081653.D
Acq: 16 Sep 2015 17:24

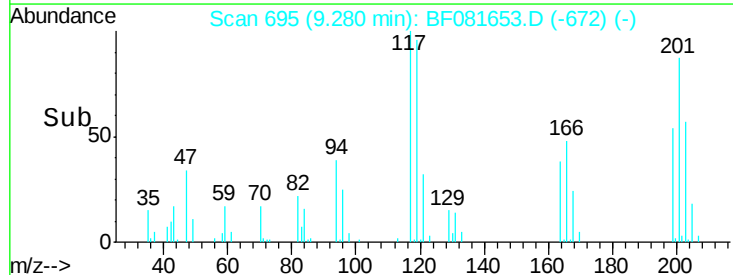
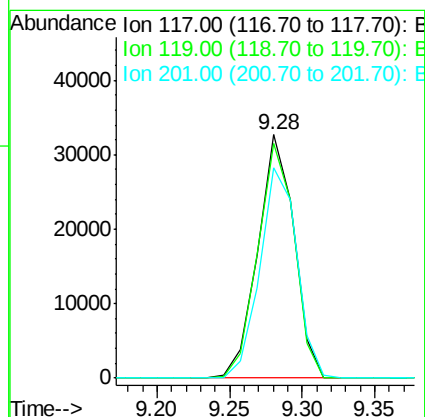
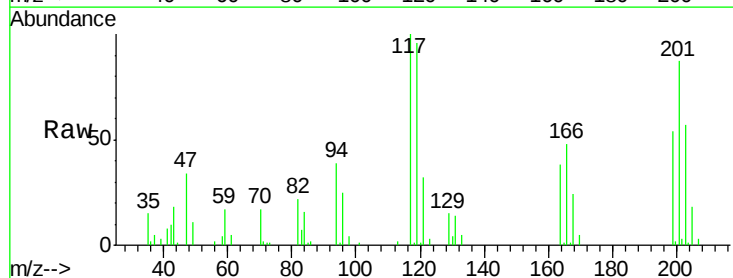
Instrument :
BNA_F
ClientSampleId :
S12MSD

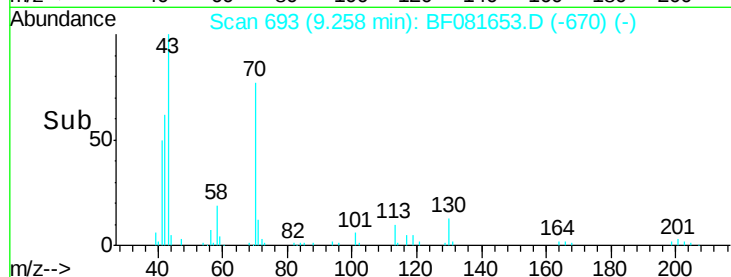
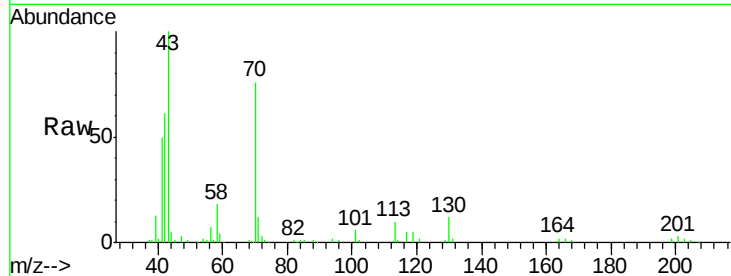
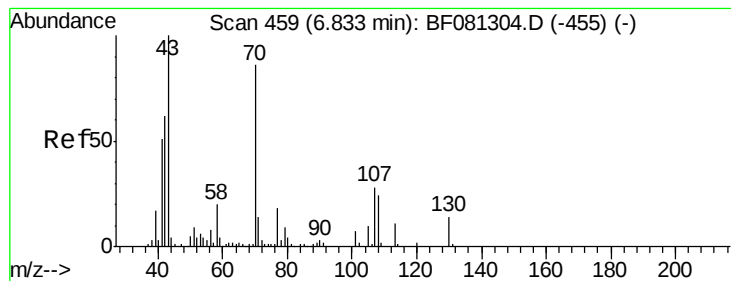
Tgt Ion:107 Resp: 114346
Ion Ratio Lower Upper
107 100
108 115.2 96.6 145.0
77 60.6 23.3 34.9#
79 58.4 22.0 33.0#



#18
Hexachloroethane
Concen: 41.30 ng
RT: 9.28 min Scan# 695
Delta R.T. -0.03 min
Lab File: BF081653.D
Acq: 16 Sep 2015 17:24

Tgt Ion:117 Resp: 56561
Ion Ratio Lower Upper
117 100
119 96.3 83.8 125.6
201 86.6 55.1 82.7#





#19

n-Nitroso-di-n-propylamine

Concen: 44.68 ng

RT: 9.26 min Scan# 693

Delta R.T. -0.03 min

Lab File: BF081653.D

Acq: 16 Sep 2015 17:24

Instrument :

BNA_F

ClientSampleId :

S12MSD

Tgt Ion: 70 Resp: 118197

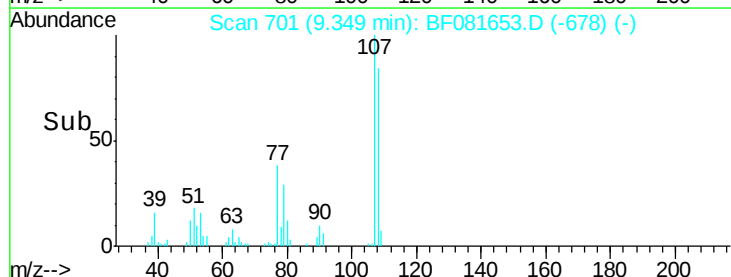
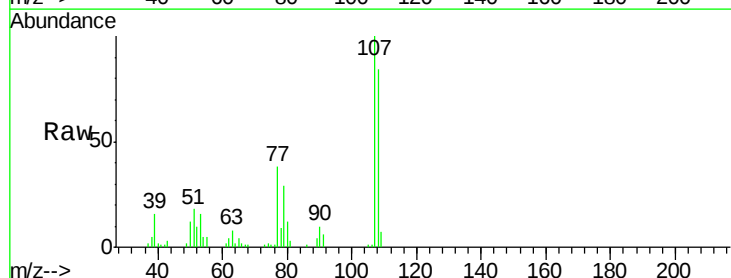
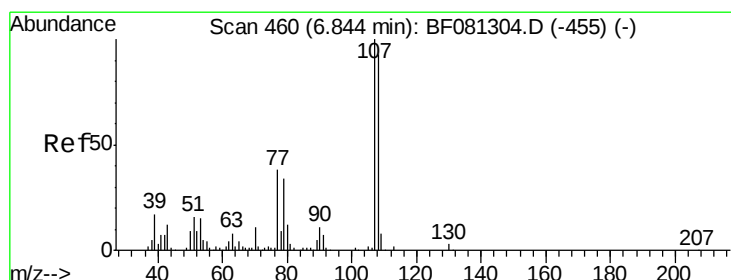
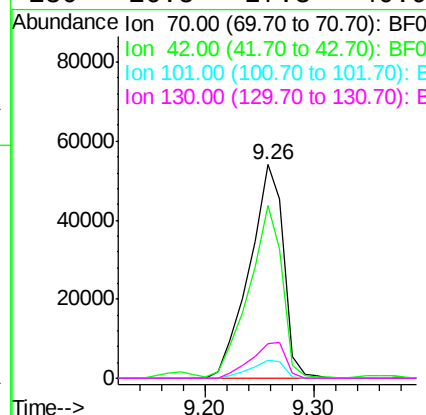
Ion Ratio Lower Upper

70 100

42 80.7 63.8 95.6

101 8.3 9.2 13.8#

130 16.5 27.3 40.9#



#20

3+4-Methylphenols

Concen: 43.36 ng

RT: 9.35 min Scan# 701

Delta R.T. -0.03 min

Lab File: BF081653.D

Acq: 16 Sep 2015 17:24

Tgt Ion: 107 Resp: 150951

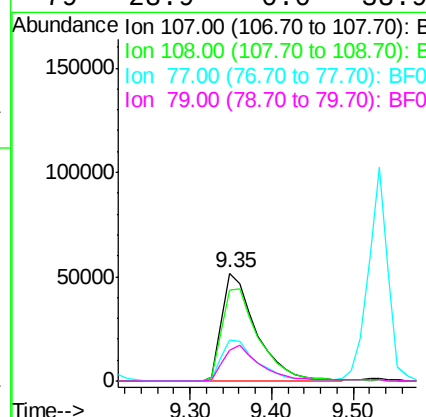
Ion Ratio Lower Upper

107 100

108 84.0 74.6 114.6

77 38.1 0.7 40.7

79 28.9 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.09 min Scan# 853

Delta R.T. -0.03 min

Lab File: BF081653.D

Acq: 16 Sep 2015 17:24

Instrument :

BNA_F

ClientSampleId :

S12MSD

Tgt Ion:136 Resp: 180638

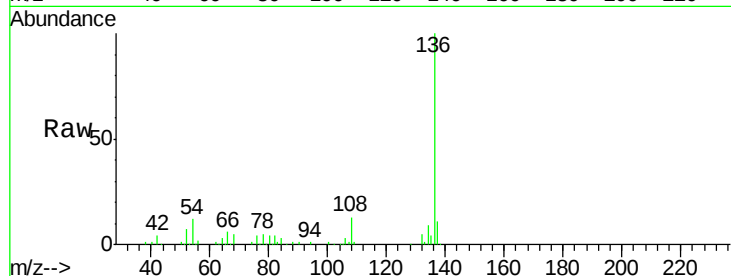
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 11.7 8.2 12.2

68 5.2 5.8 8.6#

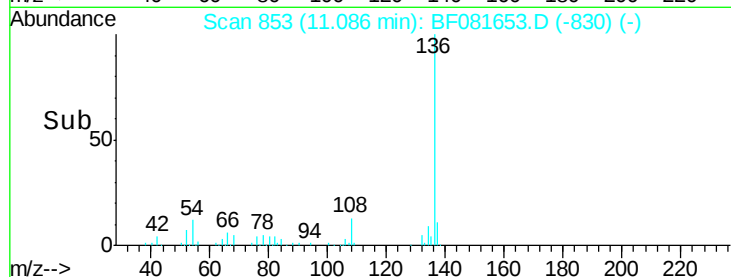


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

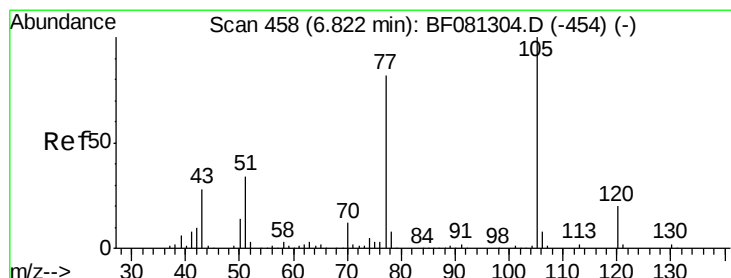
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

11.09



#22

Acetophenone

Concen: 43.48 ng

RT: 9.18 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF081653.D

Acq: 16 Sep 2015 17:24

Tgt Ion:105 Resp: 214512

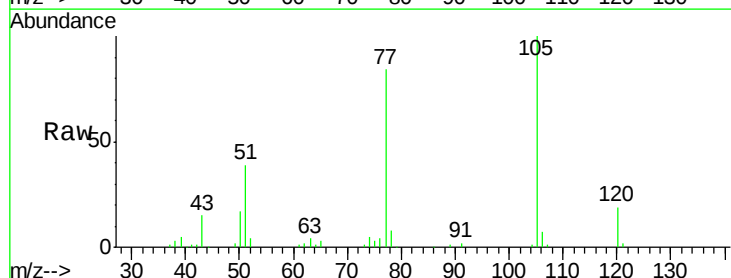
Ion Ratio Lower Upper

105 100

71 0.0 4.7 7.1#

51 38.9 22.0 33.0#

120 19.1 30.1 45.1#

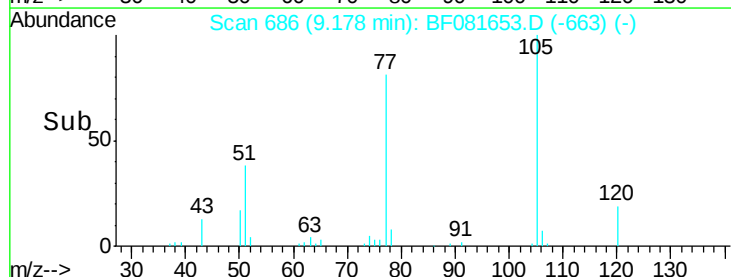


Abundance Ion 105.00 (104.70 to 105.70): E

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-->

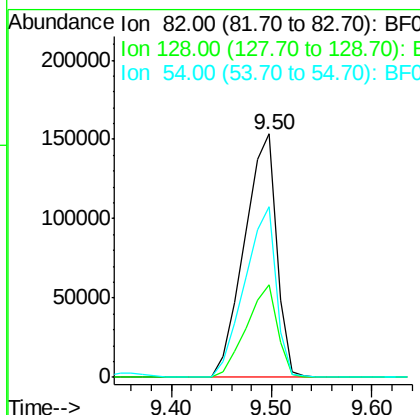
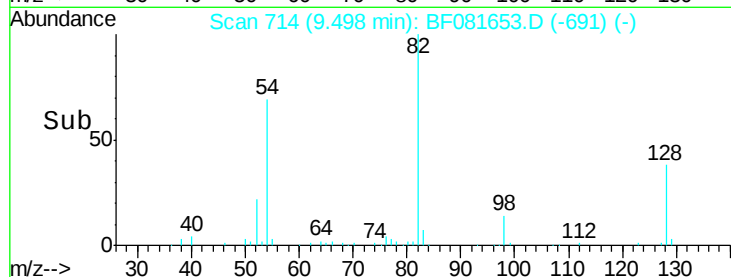
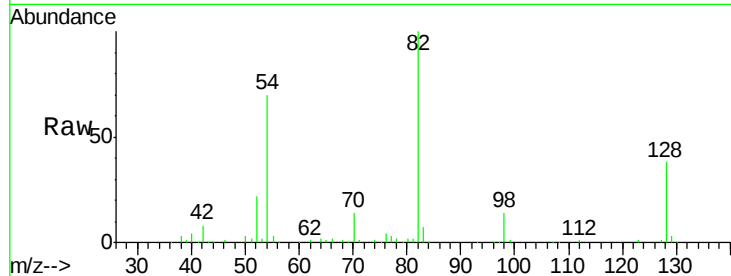
9.18



#23
 Nitrobenzene-d5
 Concen: 91.06 ng
 RT: 9.50 min Scan# 714
 Delta R.T. -0.03 min
 Lab File: BF081653.D
 Acq: 16 Sep 2015 17:24

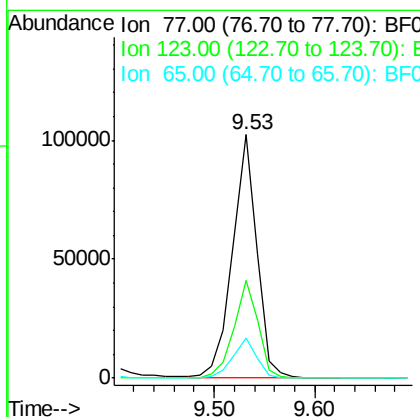
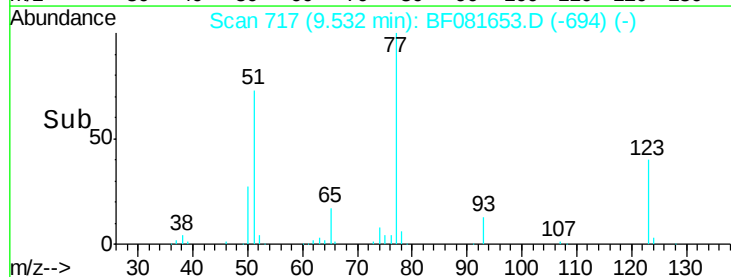
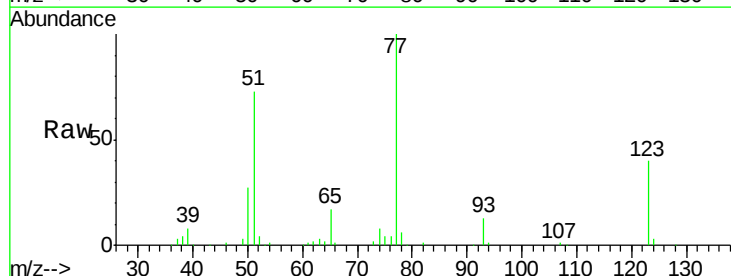
Instrument :
 BNA_F
 ClientSampleId :
 S12MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.1	51.0	76.6#
54	69.8	47.5	71.3



#24
 Nitrobenzene
 Concen: 44.53 ng
 RT: 9.53 min Scan# 717
 Delta R.T. -0.03 min
 Lab File: BF081653.D
 Acq: 16 Sep 2015 17:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.2	59.8	89.8#
65	16.6	10.2	15.4#





#25

Isophorone

Concen: 44.22 ng

RT: 10.13 min Scan# 769

Delta R.T. -0.03 min

Lab File: BF081653.D

Acq: 16 Sep 2015 17:24

Instrument :

BNA_F

ClientSampleId :

S12MSD

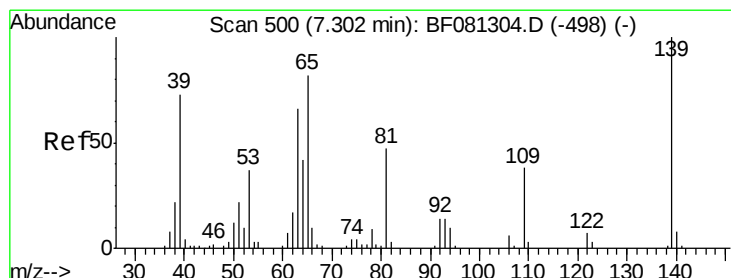
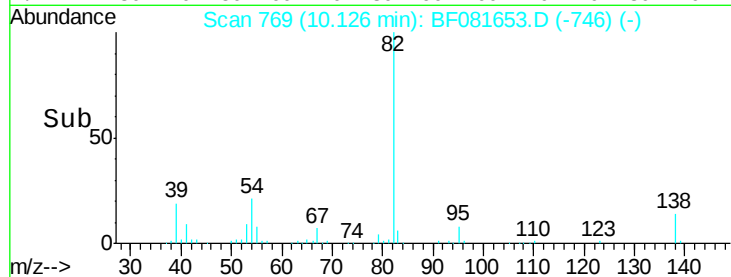
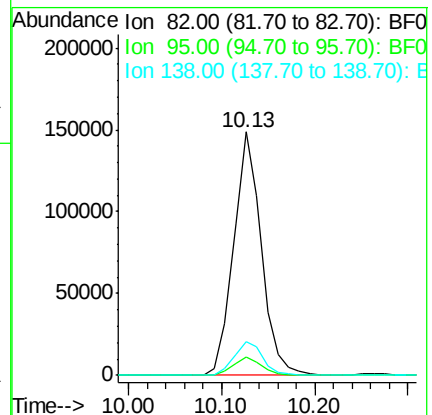
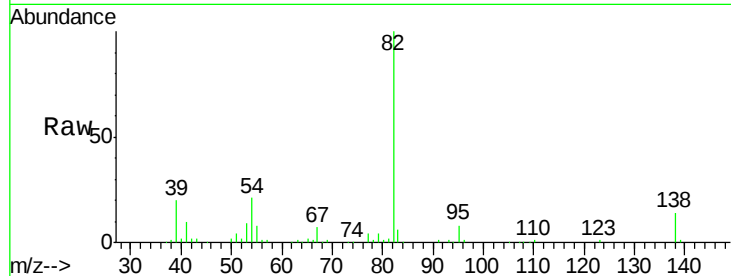
Tgt Ion: 82 Resp: 307926

Ion Ratio Lower Upper

82 100

95 7.6 4.0 6.0#

138 13.9 18.3 27.5#



#26

2-Nitrophenol

Concen: 43.17 ng

RT: 10.26 min Scan# 781

Delta R.T. -0.03 min

Lab File: BF081653.D

Acq: 16 Sep 2015 17:24

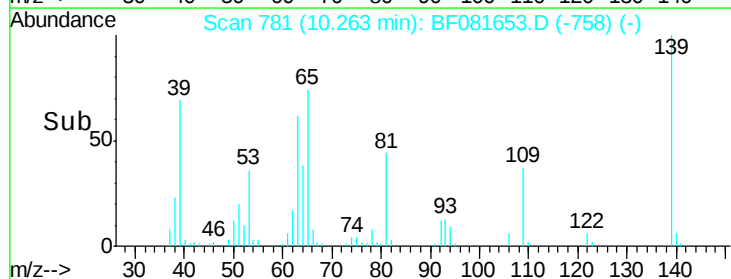
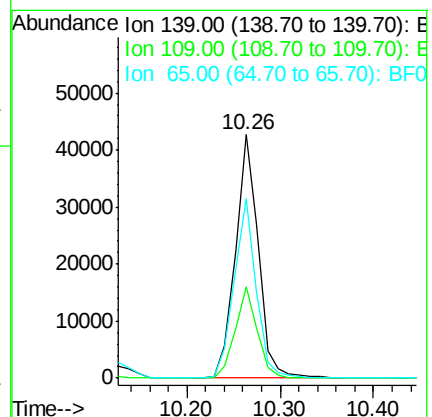
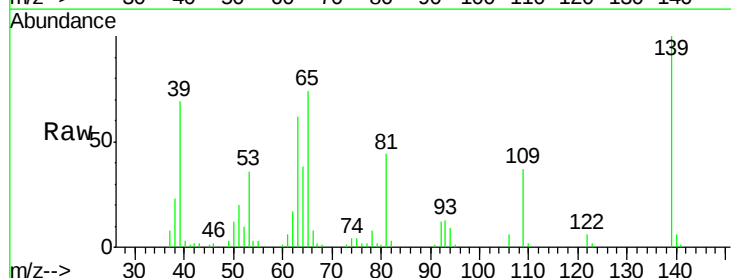
Tgt Ion: 139 Resp: 73157

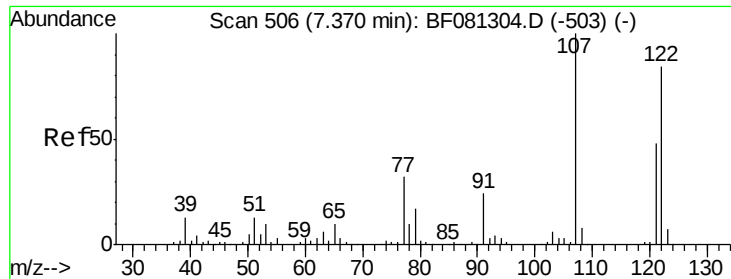
Ion Ratio Lower Upper

139 100

109 37.4 11.0 16.4#

65 73.8 24.7 37.1#

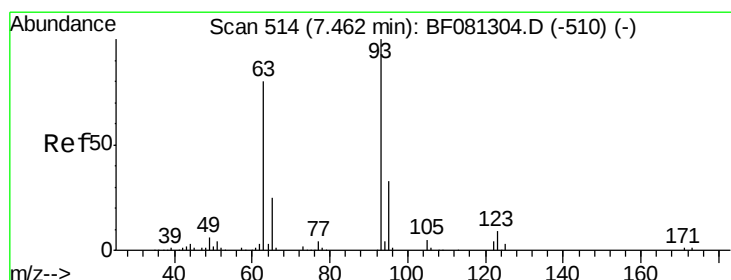
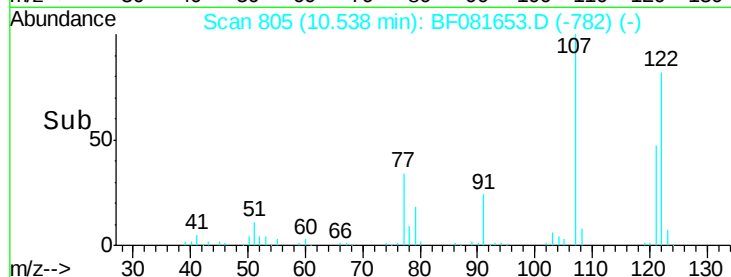
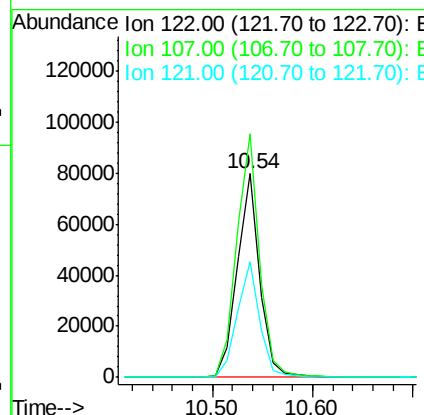
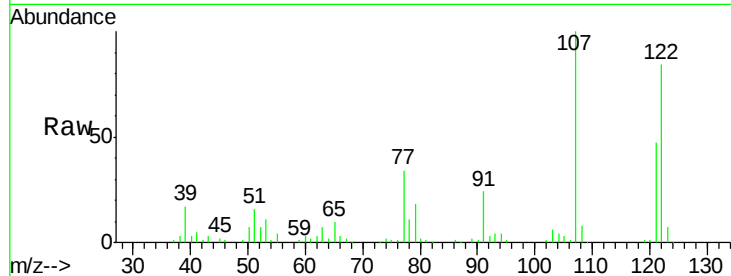




#27
 2,4-Dimethylphenol
 Concen: 42.11 ng
 RT: 10.54 min Scan# 805
 Delta R.T. -0.03 min
 Lab File: BF081653.D
 Acq: 16 Sep 2015 17:24

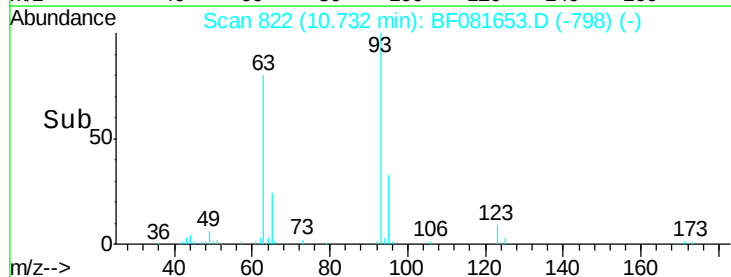
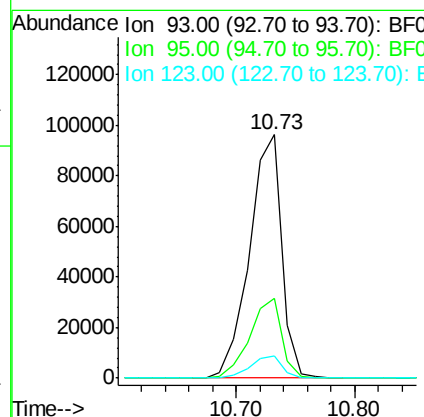
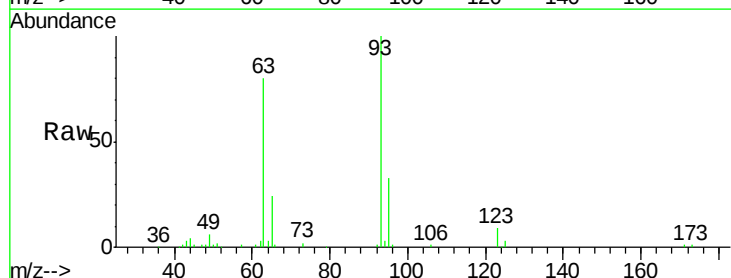
Instrument :
 BNA_F
 ClientSampleId :
 S12MSD

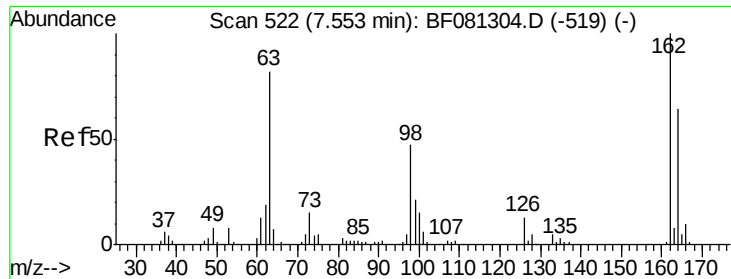
Tgt Ion: 122 Resp: 123266
 Ion Ratio Lower Upper
 122 100
 107 119.8 71.8 107.6#
 121 56.7 42.3 63.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.45 ng
 RT: 10.73 min Scan# 822
 Delta R.T. -0.02 min
 Lab File: BF081653.D
 Acq: 16 Sep 2015 17:24

Tgt Ion: 93 Resp: 182845
 Ion Ratio Lower Upper
 93 100
 95 32.5 27.5 41.3
 123 9.4 13.7 20.5#

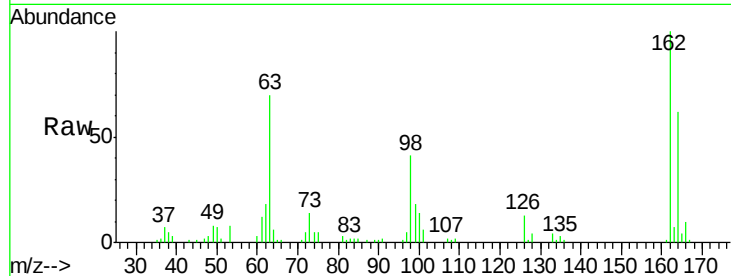




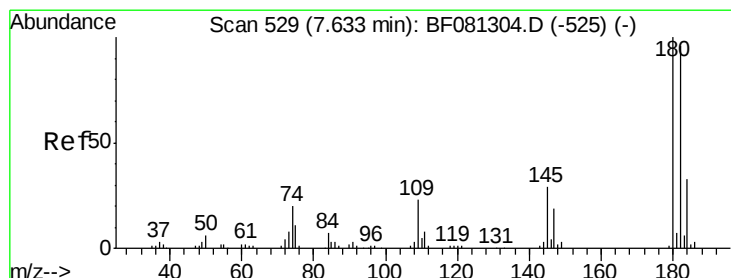
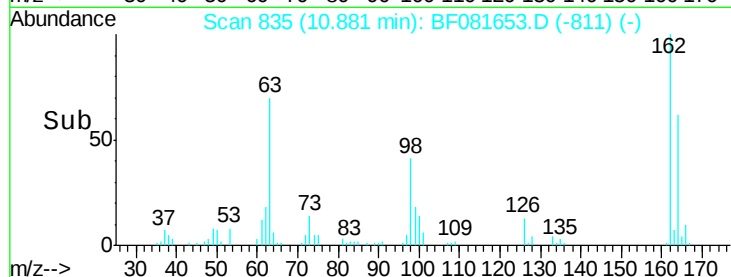
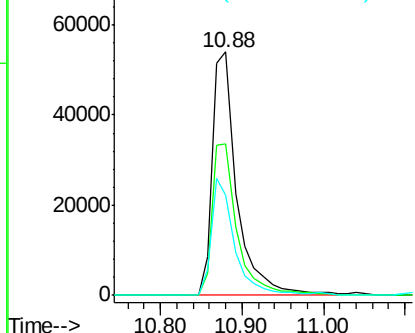
#29
 2,4-Dichlorophenol
 Concen: 44.83 ng
 RT: 10.88 min Scan# 835
 Delta R.T. -0.02 min
 Lab File: BF081653.D
 Acq: 16 Sep 2015 17:24

Instrument :
 BNA_F
 ClientSampleId :
 S12MSD

Tgt Ion:162 Resp: 113794
 Ion Ratio Lower Upper
 162 100
 164 62.1 44.9 84.9
 98 41.2 13.0 53.0

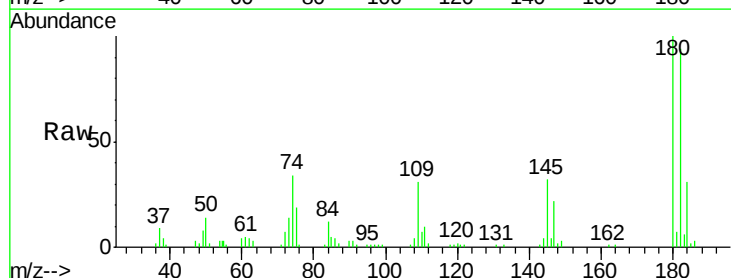


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

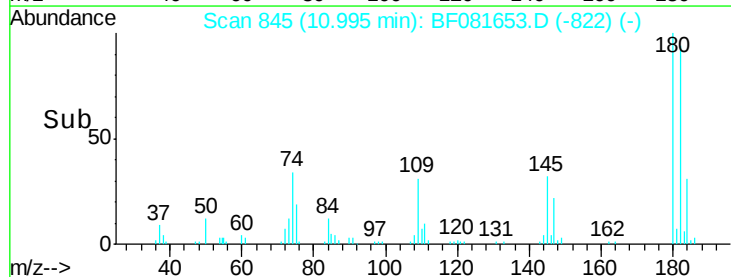
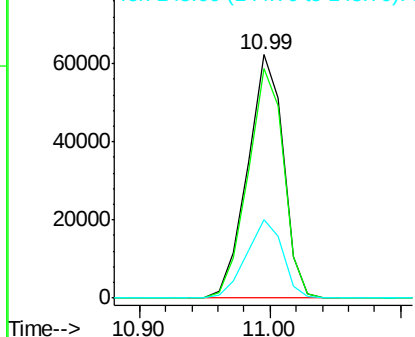


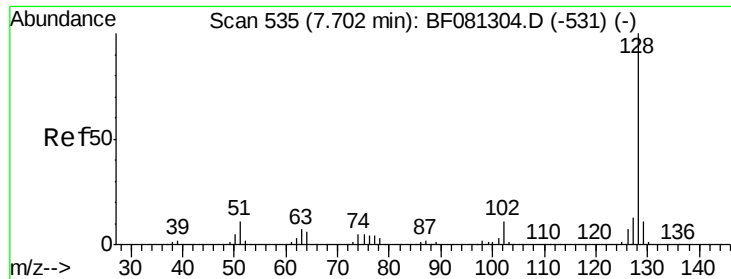
#30
 1,2,4-Trichlorobenzene
 Concen: 43.14 ng
 RT: 10.99 min Scan# 845
 Delta R.T. -0.03 min
 Lab File: BF081653.D
 Acq: 16 Sep 2015 17:24

Tgt Ion:180 Resp: 118957
 Ion Ratio Lower Upper
 180 100
 182 94.4 77.1 115.7
 145 32.3 23.3 34.9



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

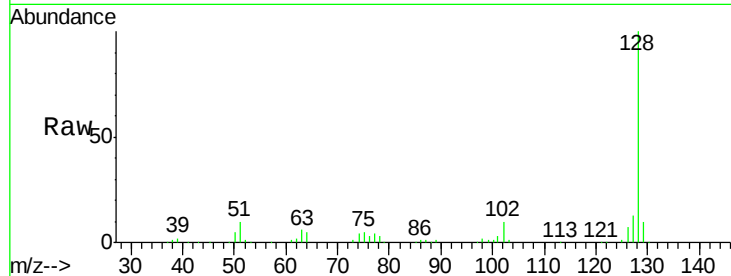




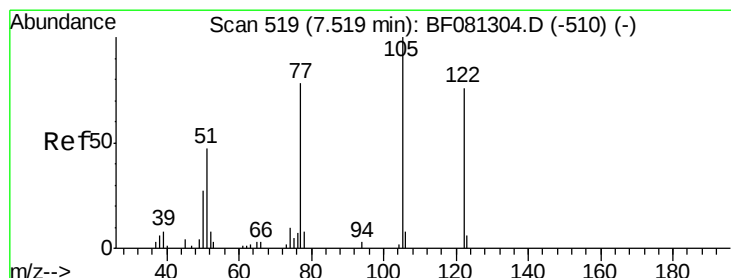
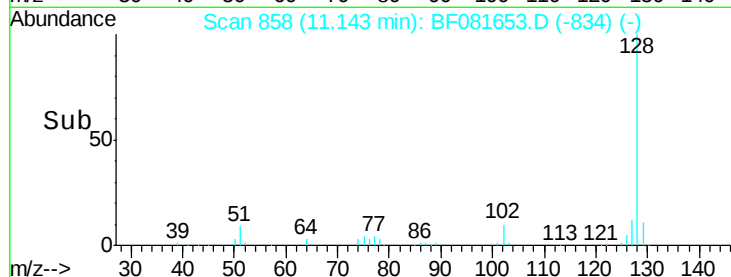
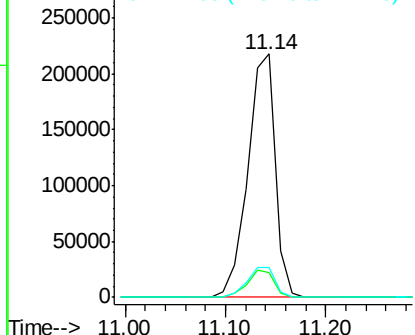
#31
Naphthalene
Concen: 42.74 ng
RT: 11.14 min Scan# 858
Delta R.T. -0.02 min
Lab File: BF081653.D
Acq: 16 Sep 2015 17:24

Instrument :
BNA_F
ClientSampleId :
S12MSD

Tgt Ion:128 Resp: 411706
Ion Ratio Lower Upper
128 100
129 10.4 8.4 12.6
127 12.5 9.9 14.9

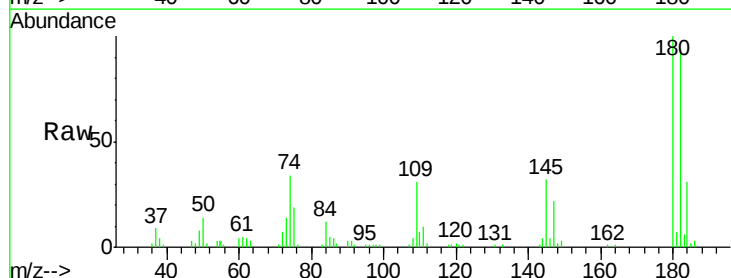


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

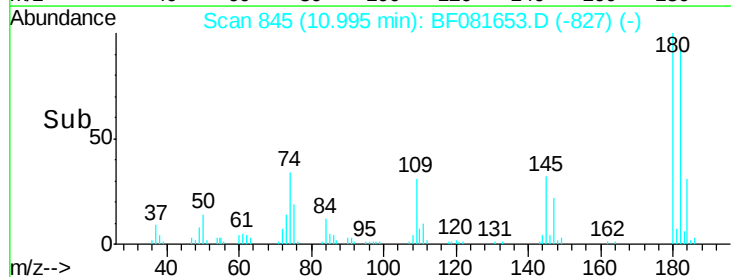
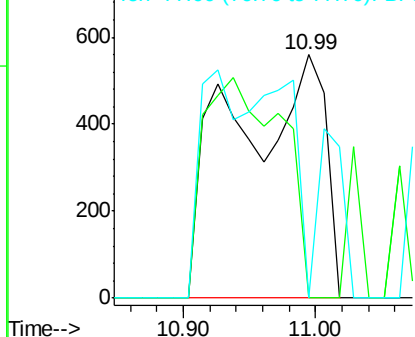


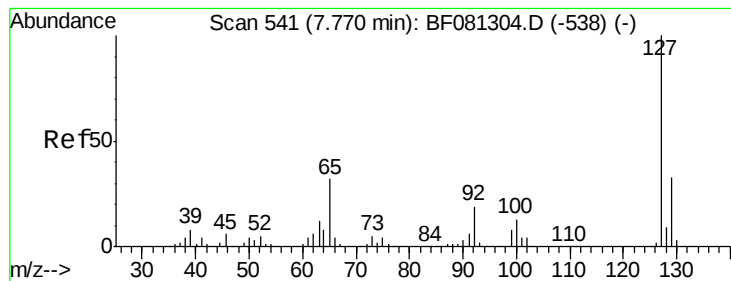
#32
Benzoic acid
Concen: 3.73 ng m
RT: 10.99 min Scan# 845
Delta R.T. -0.09 min
Lab File: BF081653.D
Acq: 16 Sep 2015 17:24

Tgt Ion:122 Resp: 2630
Ion Ratio Lower Upper
122 100
105 0.0 76.1 116.1#
77 0.0 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

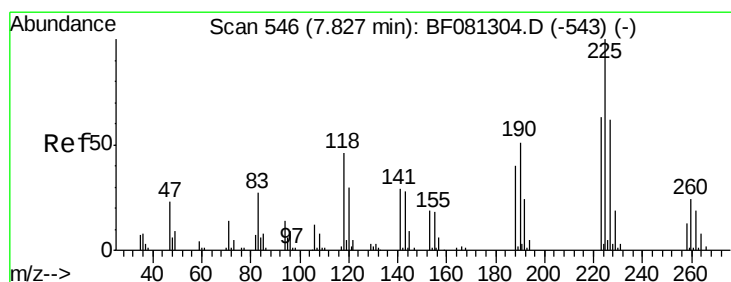
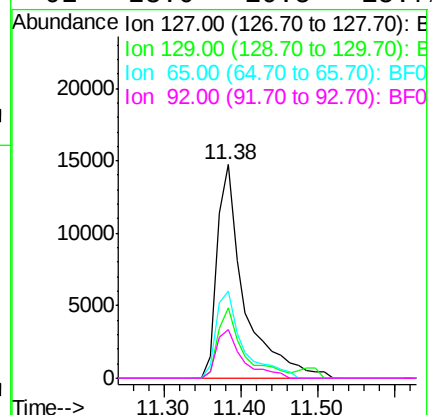
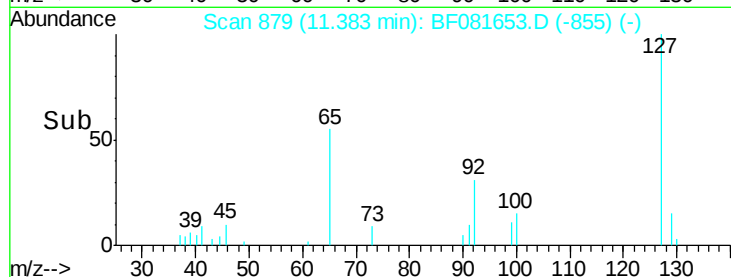
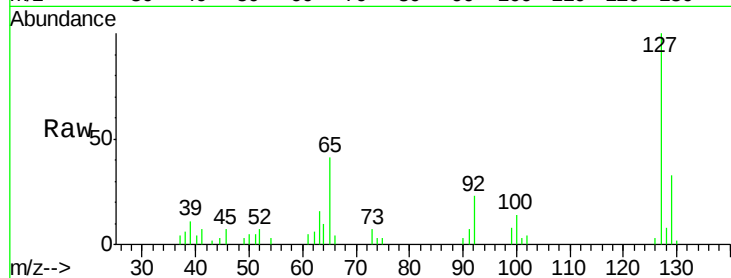




#33
4-Chloroaniline
Concen: 9.21 ng
RT: 11.38 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF081653.D
Acq: 16 Sep 2015 17:24

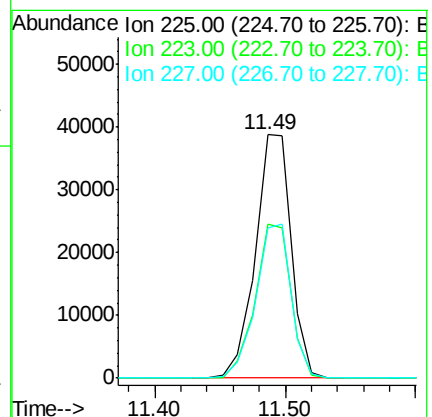
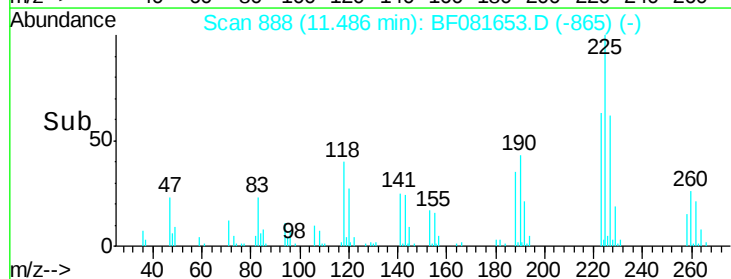
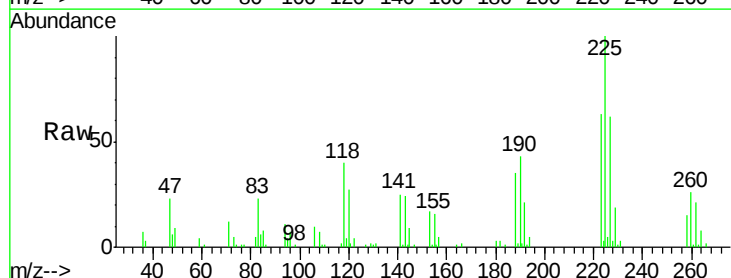
Instrument :
BNA_F
ClientSampleId :
S12MSD

Tgt Ion:127 Resp: 36209
Ion Ratio Lower Upper
127 100
129 33.2 25.8 38.6
65 41.0 17.9 26.9#
92 23.0 10.5 15.7#



#34
Hexachlorobutadiene
Concen: 44.22 ng
RT: 11.49 min Scan# 888
Delta R.T. -0.03 min
Lab File: BF081653.D
Acq: 16 Sep 2015 17:24

Tgt Ion:225 Resp: 74202
Ion Ratio Lower Upper
225 100
223 63.2 50.2 75.2
227 61.6 52.2 78.2

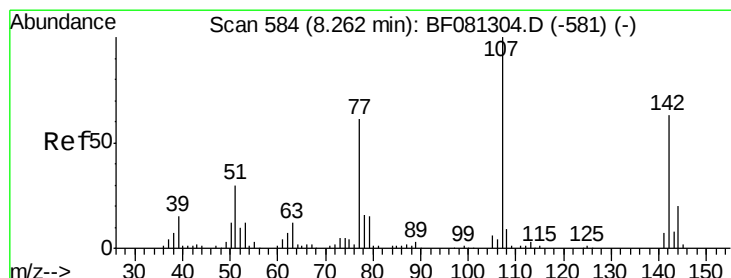
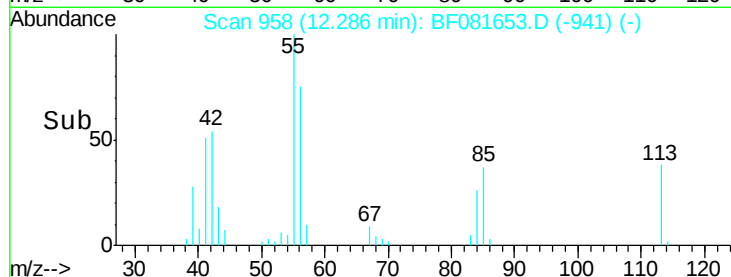
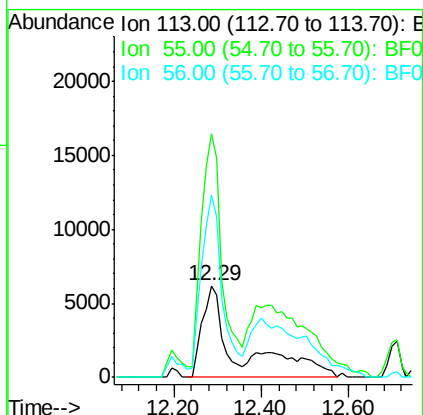
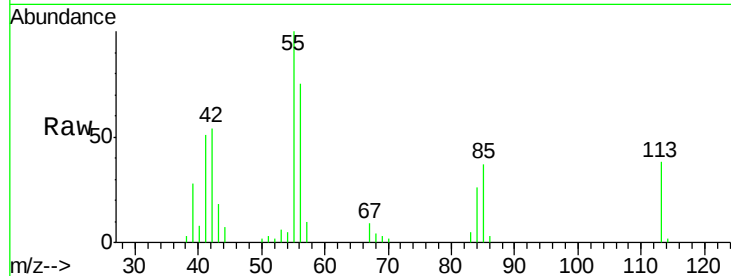




#35
 Caprolactam
 Concen: 44.30 ng m
 RT: 12.29 min Scan# 958
 Delta R.T. -0.10 min
 Lab File: BF081653.D
 Acq: 16 Sep 2015 17:24

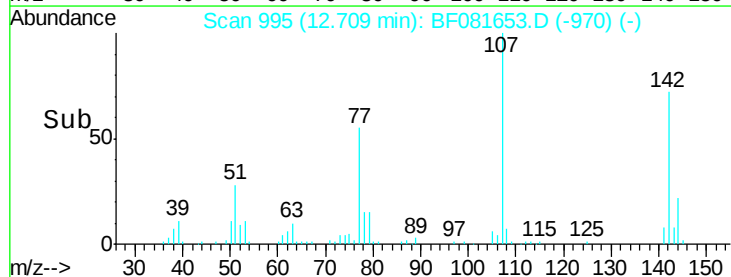
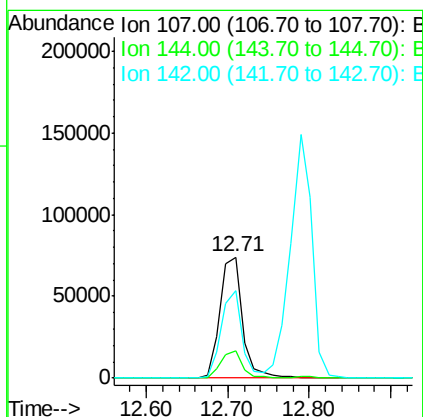
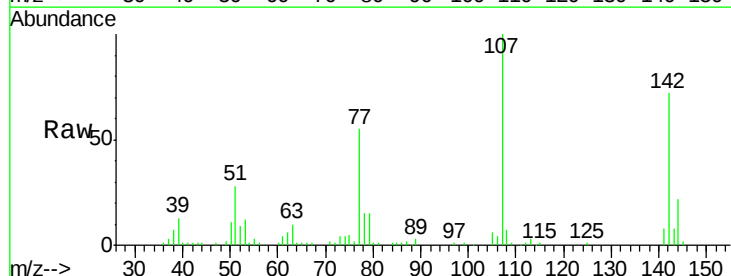
Instrument :
 BNA_F
 ClientSampleId :
 S12MSD

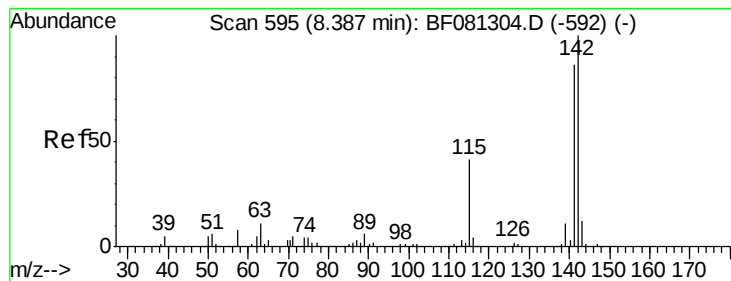
Tgt Ion:113 Resp: 34485
 Ion Ratio Lower Upper
 113 100
 55 266.2 152.4 192.4#
 56 199.2 104.6 144.6#



#36
 4-Chloro-3-methylphenol
 Concen: 49.96 ng
 RT: 12.71 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF081653.D
 Acq: 16 Sep 2015 17:24

Tgt Ion:107 Resp: 141945
 Ion Ratio Lower Upper
 107 100
 144 22.4 25.4 38.0#
 142 72.1 77.3 115.9#





#37

2-Methylnaphthalene

Concen: 43.82 ng

RT: 12.79 min Scan# 1002

Delta R.T. -0.03 min

Lab File: BF081653.D

Acq: 16 Sep 2015 17:24

Instrument :

BNA_F

ClientSampleId :

S12MSD

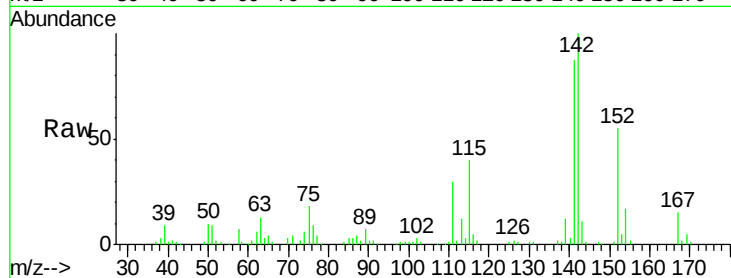
Tgt Ion:142 Resp: 274686

Ion Ratio Lower Upper

142 100

141 87.3 67.5 101.3

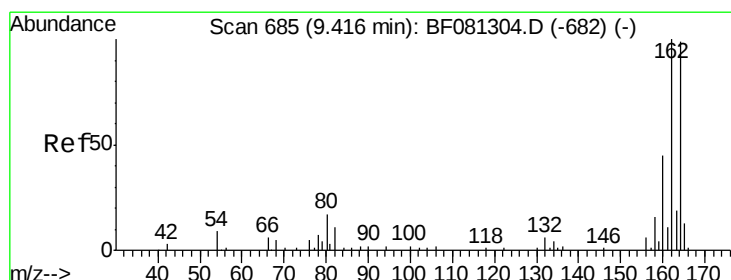
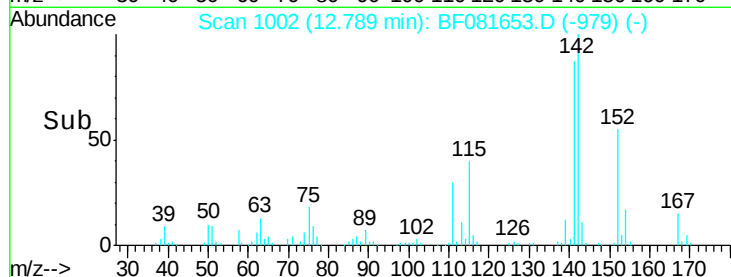
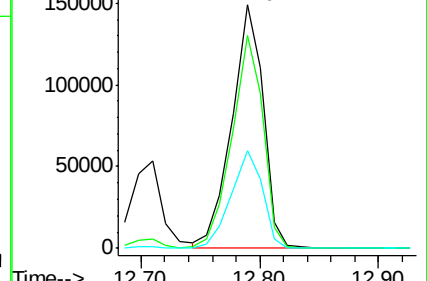
115 39.9 18.2 27.2#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.22 min Scan# 1215

Delta R.T. -0.03 min

Lab File: BF081653.D

Acq: 16 Sep 2015 17:24

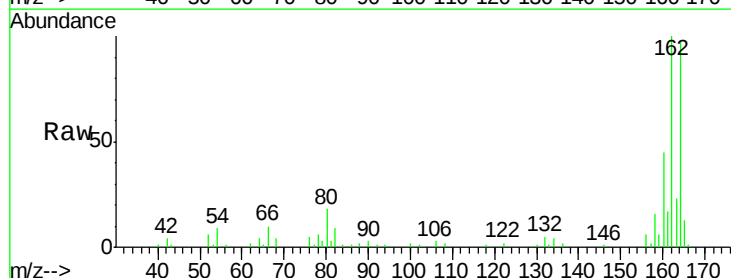
Tgt Ion:164 Resp: 88077

Ion Ratio Lower Upper

164 100

162 102.9 75.2 112.8

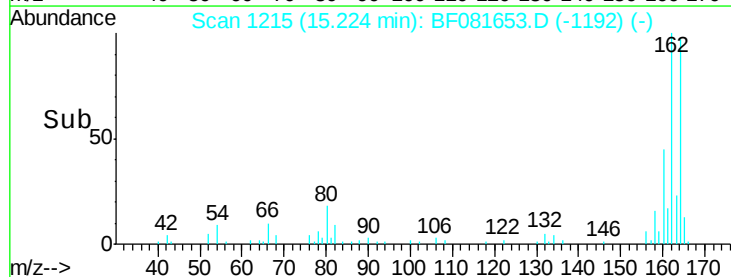
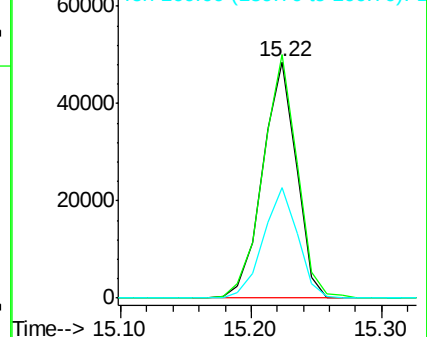
160 46.6 31.5 47.3

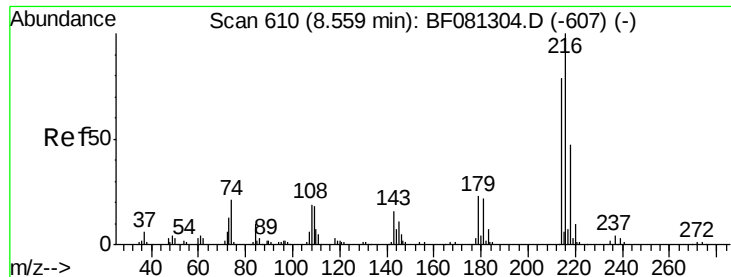


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.67 ng

RT: 13.20 min Scan# 1038

Delta R.T. -0.02 min

Lab File: BF081653.D

Acq: 16 Sep 2015 17:24

Instrument :

BNA_F

ClientSampleId :

S12MSD

Tgt Ion:216 Resp: 118852

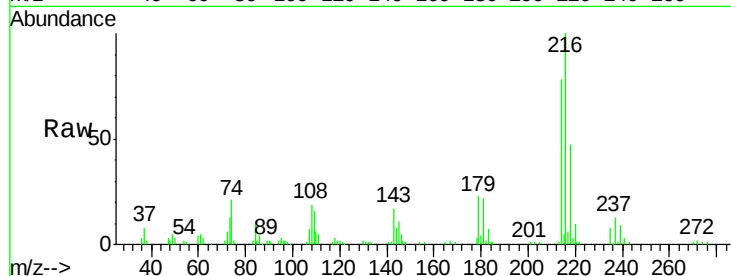
Ion Ratio Lower Upper

216 100

214 77.8 63.5 95.3

179 22.5 16.6 24.8

108 23.0 16.3 24.5

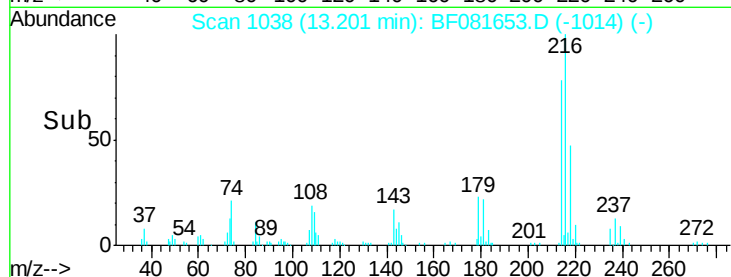


Abundance Ion 216.00 (215.70 to 216.70): E

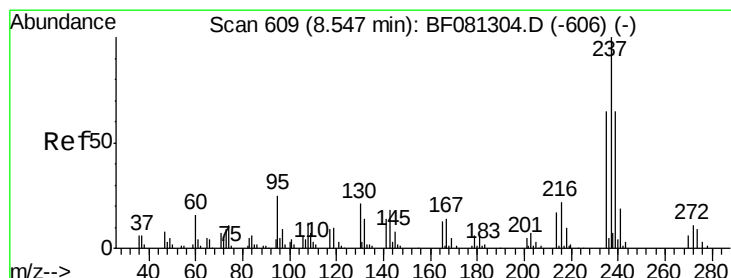
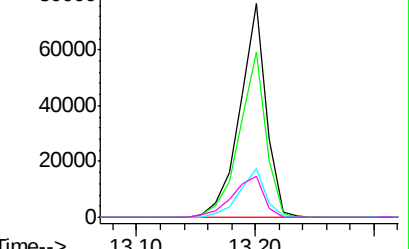
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 85.84 ng

RT: 13.18 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF081653.D

Acq: 16 Sep 2015 17:24

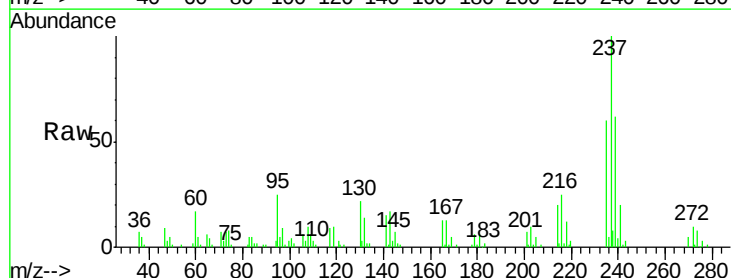
Tgt Ion:237 Resp: 117344

Ion Ratio Lower Upper

237 100

235 59.5 42.0 82.0

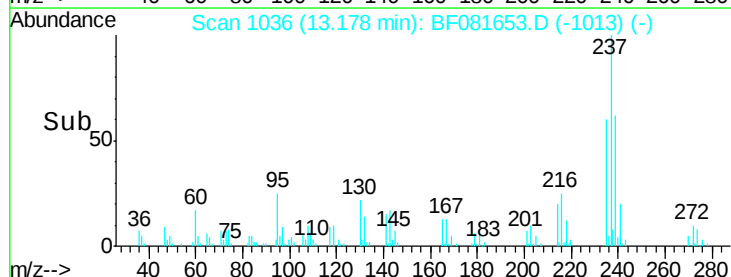
272 10.0 0.0 36.1



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



Time-->

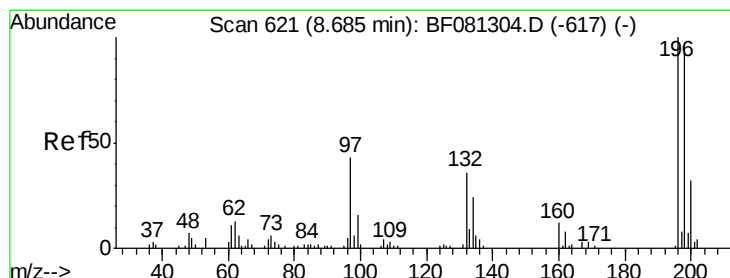
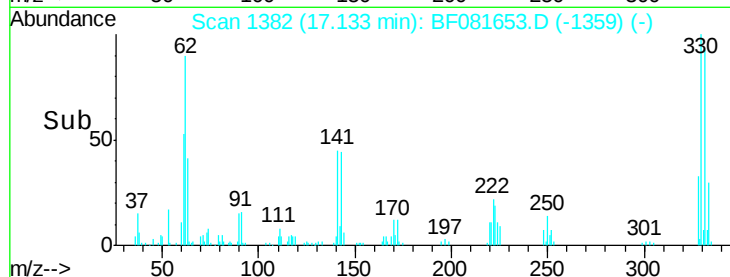
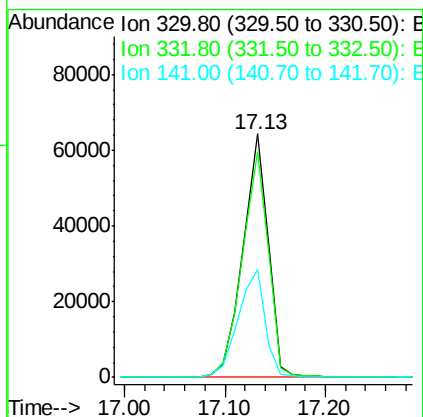
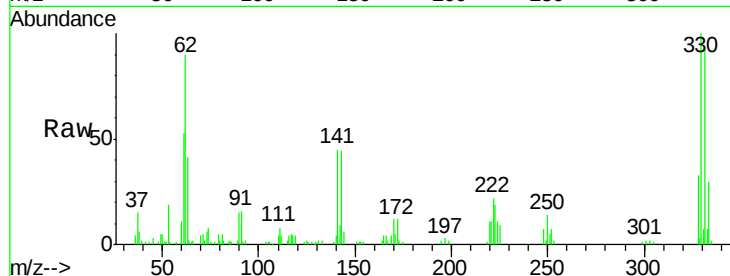




#41
 2,4,6-Tribromophenol
 Concen: 143.96 ng
 RT: 17.13 min Scan# 1382
 Delta R.T. -0.03 min
 Lab File: BF081653.D
 Acq: 16 Sep 2015 17:24

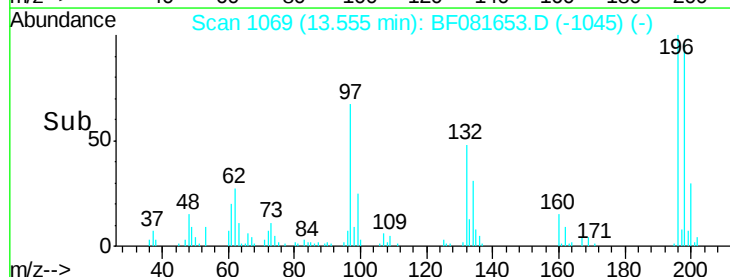
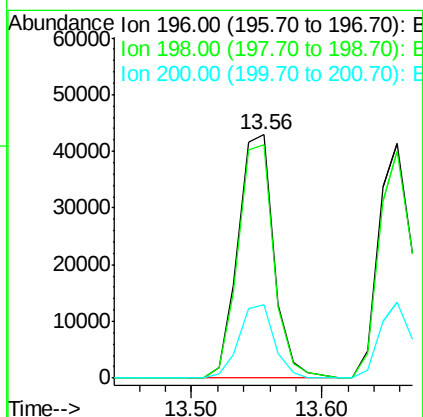
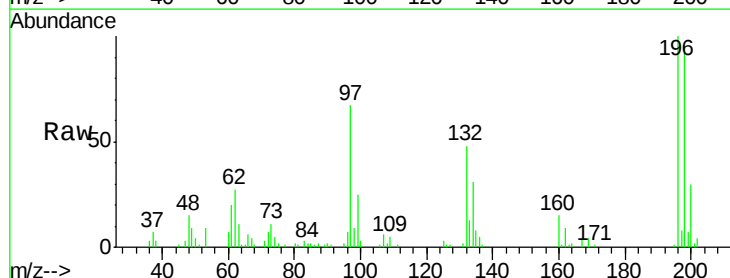
Instrument :
 BNA_F
 ClientSampleId :
 S12MSD

Tgt Ion:330 Resp: 112896
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.6 114.8
 141 46.8 29.7 44.5#



#42
 2,4,6-Trichlorophenol
 Concen: 42.83 ng
 RT: 13.56 min Scan# 1069
 Delta R.T. -0.02 min
 Lab File: BF081653.D
 Acq: 16 Sep 2015 17:24

Tgt Ion:196 Resp: 82343
 Ion Ratio Lower Upper
 196 100
 198 96.0 75.7 113.5
 200 30.3 23.9 35.9

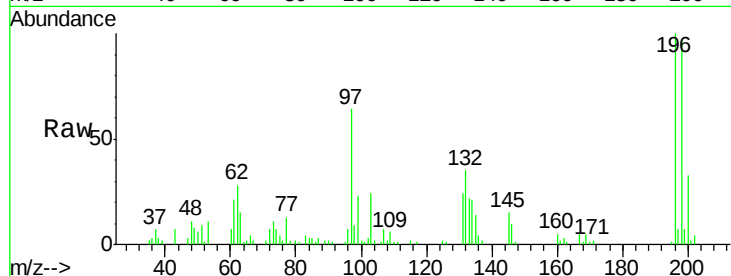




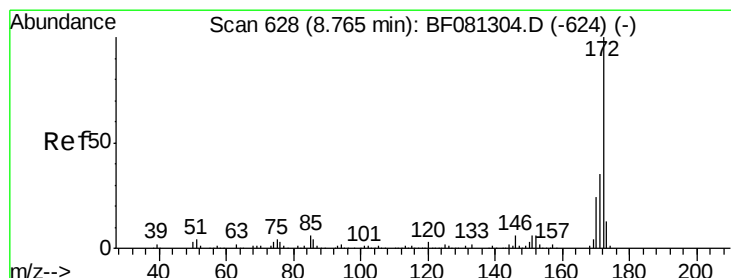
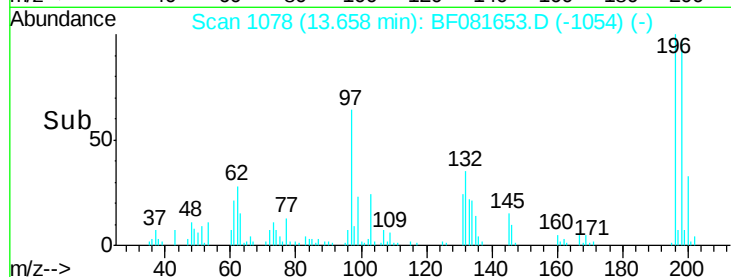
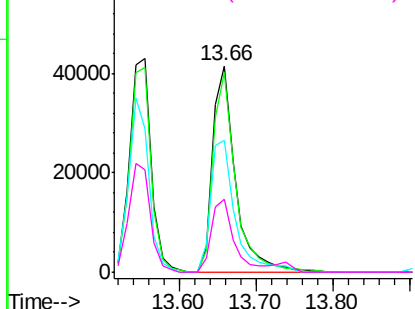
#43
 2,4,5-Trichlorophenol
 Concen: 43.80 ng
 RT: 13.66 min Scan# 1078
 Delta R.T. -0.02 min
 Lab File: BF081653.D
 Acq: 16 Sep 2015 17:24

Instrument :
 BNA_F
 ClientSampleId :
 S12MSD

Tgt Ion:196 Resp: 85893
 Ion Ratio Lower Upper
 196 100
 198 96.8 75.4 113.0
 97 63.9 33.3 49.9#
 132 35.4 24.6 37.0

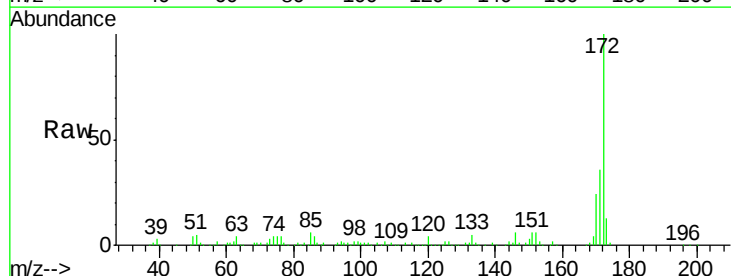


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

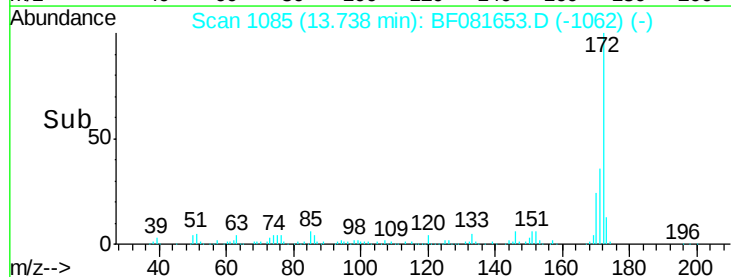
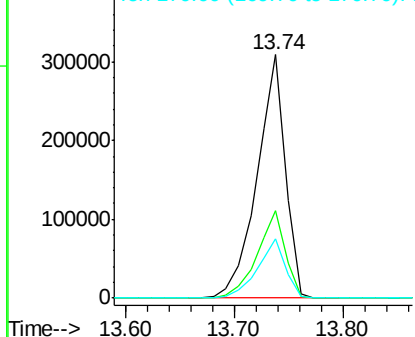


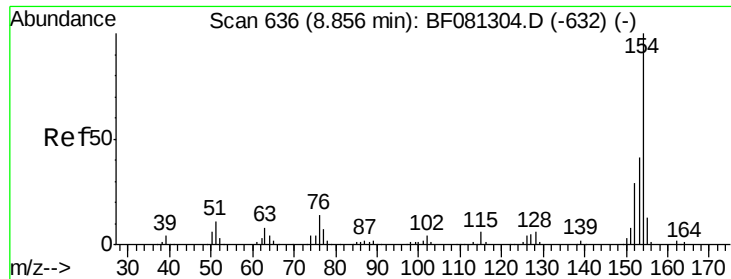
#44
 2-Fluorobiphenyl
 Concen: 81.40 ng
 RT: 13.74 min Scan# 1085
 Delta R.T. -0.03 min
 Lab File: BF081653.D
 Acq: 16 Sep 2015 17:24

Tgt Ion:172 Resp: 559497
 Ion Ratio Lower Upper
 172 100
 171 35.7 26.1 39.1
 170 24.4 17.4 26.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 41.33 ng

RT: 13.94 min Scan# 1103

Delta R.T. -0.02 min

Lab File: BF081653.D

Acq: 16 Sep 2015 17:24

Instrument :

BNA_F

ClientSampleId :

S12MSD

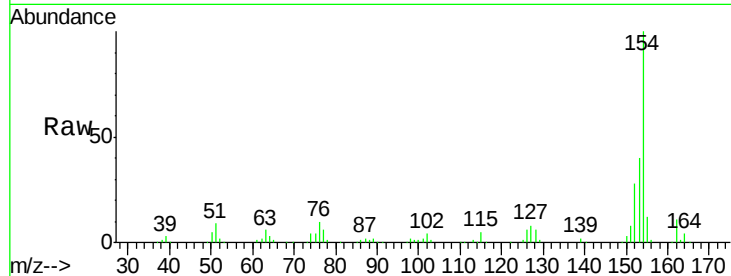
Tgt Ion:154 Resp: 334866

Ion Ratio Lower Upper

154 100

153 39.6 17.1 57.1

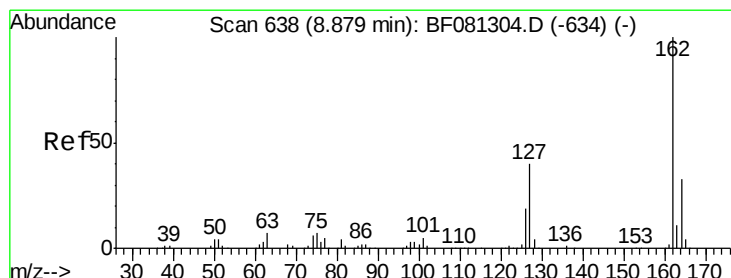
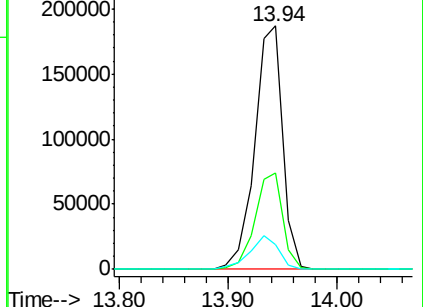
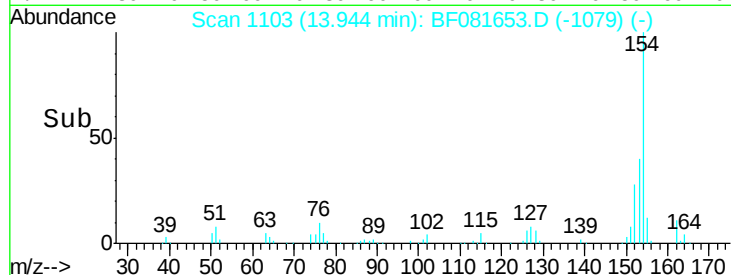
76 10.1 0.0 31.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.81 ng

RT: 13.92 min Scan# 1101

Delta R.T. -0.03 min

Lab File: BF081653.D

Acq: 16 Sep 2015 17:24

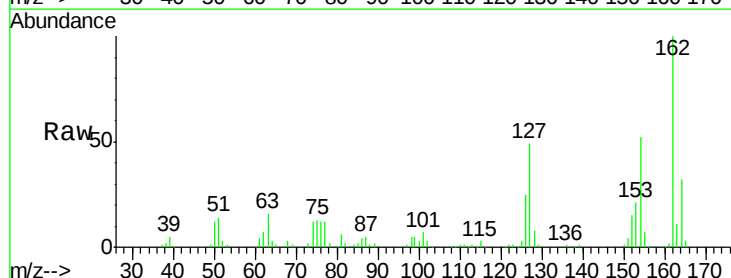
Tgt Ion:162 Resp: 244682

Ion Ratio Lower Upper

162 100

127 49.0 27.6 41.4#

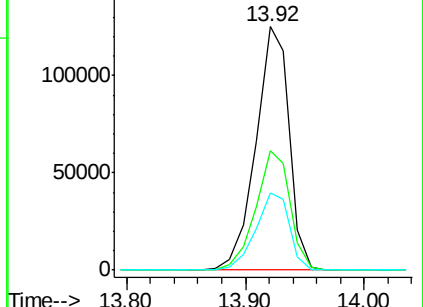
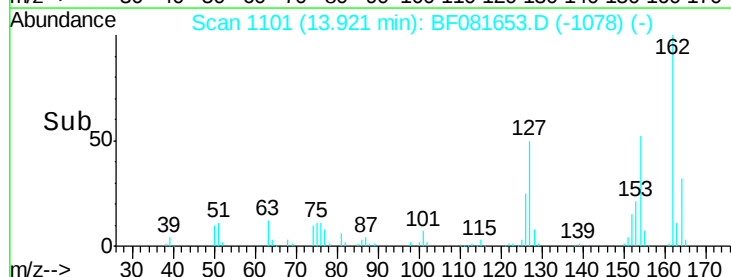
164 31.9 25.4 38.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

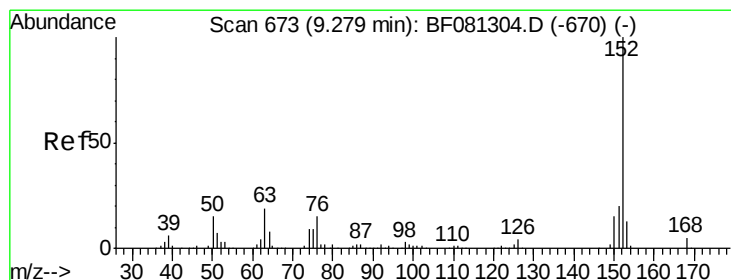
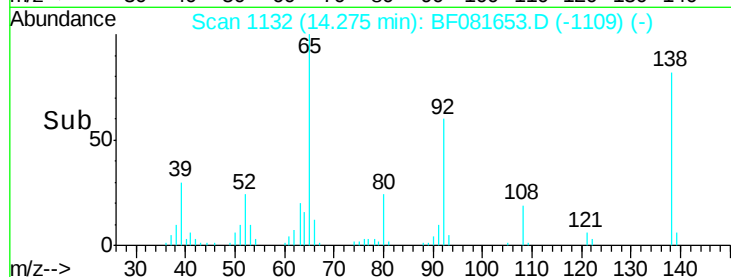
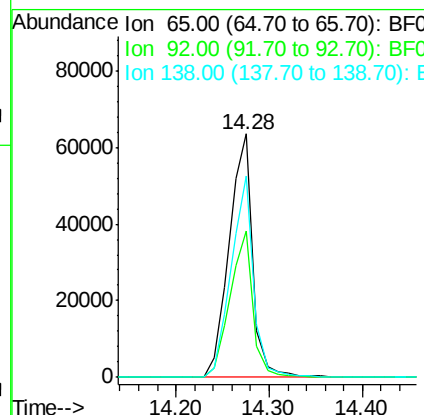
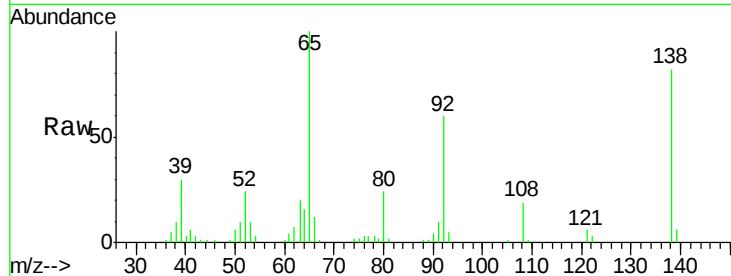




#47
 2-Nitroaniline
 Concen: 46.80 ng
 RT: 14.28 min Scan# 1132
 Delta R.T. -0.03 min
 Lab File: BF081653.D
 Acq: 16 Sep 2015 17:24

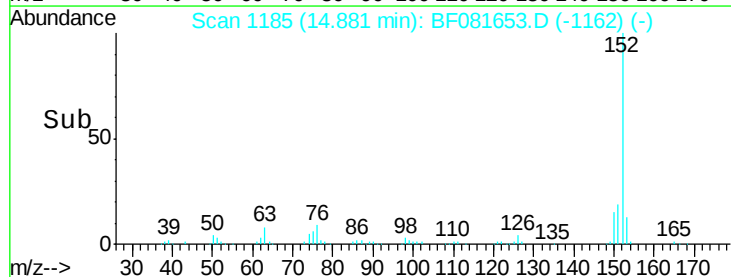
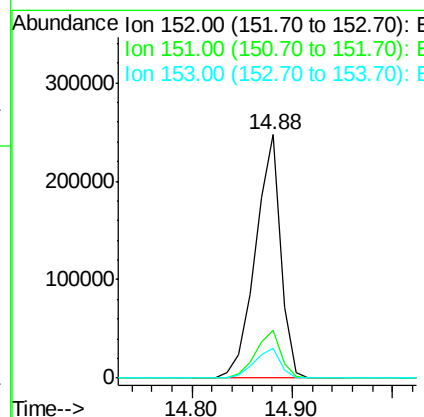
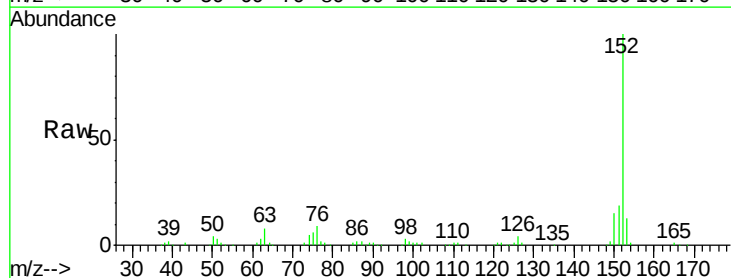
Instrument :
 BNA_F
 ClientSampleId :
 S12MSD

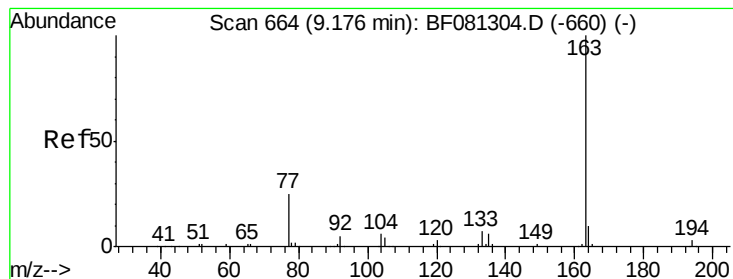
Tgt Ion: 65 Resp: 111619
 Ion Ratio Lower Upper
 65 100
 92 60.0 55.4 83.0
 138 82.5 115.5 173.3#



#48
 Acenaphthylene
 Concen: 41.26 ng
 RT: 14.88 min Scan# 1185
 Delta R.T. -0.03 min
 Lab File: BF081653.D
 Acq: 16 Sep 2015 17:24

Tgt Ion: 152 Resp: 428376
 Ion Ratio Lower Upper
 152 100
 151 19.4 14.6 22.0
 153 12.5 10.3 15.5





#49

Dimethylphthalate

Concen: 59.80 ng

RT: 14.82 min Scan# 1180

Delta R.T. -0.03 min

Lab File: BF081653.D

Acq: 16 Sep 2015 17:24

Instrument :

BNA_F

ClientSampleId :

S12MSD

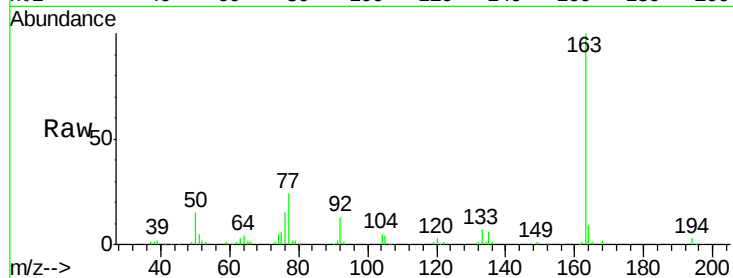
Tgt Ion:163 Resp: 409232

Ion Ratio Lower Upper

163 100

194 3.2 4.4 6.6#

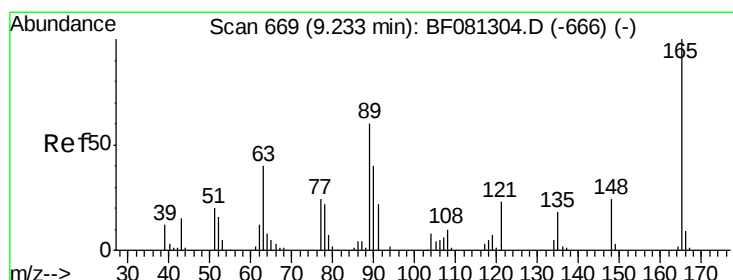
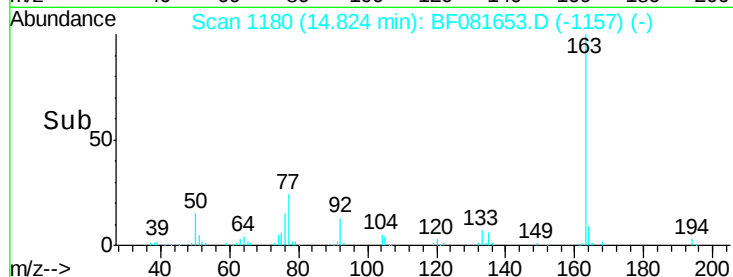
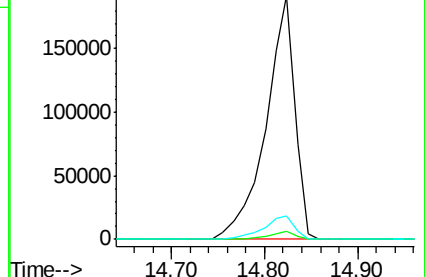
164 9.5 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.52 ng

RT: 14.92 min Scan# 1188

Delta R.T. -0.03 min

Lab File: BF081653.D

Acq: 16 Sep 2015 17:24

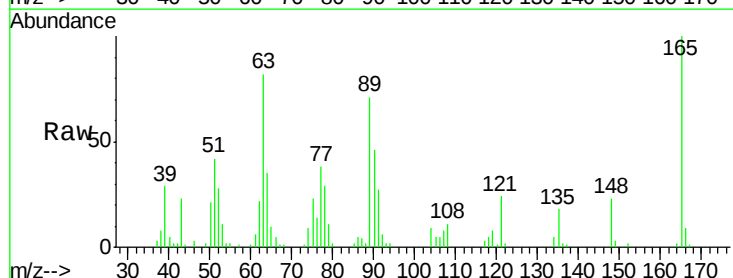
Tgt Ion:165 Resp: 64484

Ion Ratio Lower Upper

165 100

63 81.7 32.3 48.5#

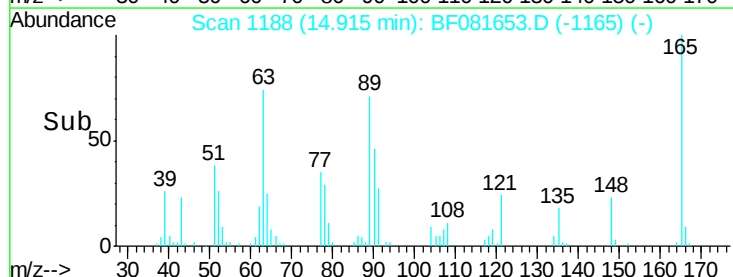
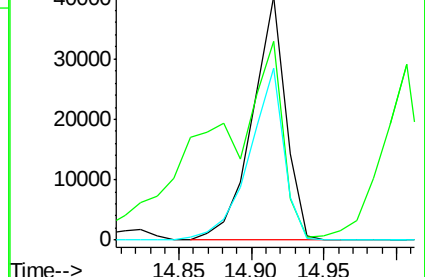
89 70.7 28.6 43.0#

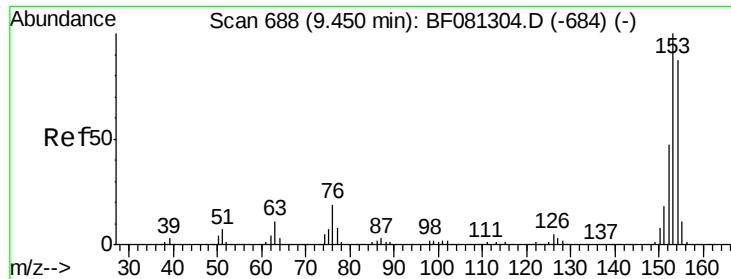


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.15 ng

RT: 15.30 min Scan# 1222

Delta R.T. -0.03 min

Lab File: BF081653.D

Acq: 16 Sep 2015 17:24

Instrument :

BNA_F

ClientSampleId :

S12MSD

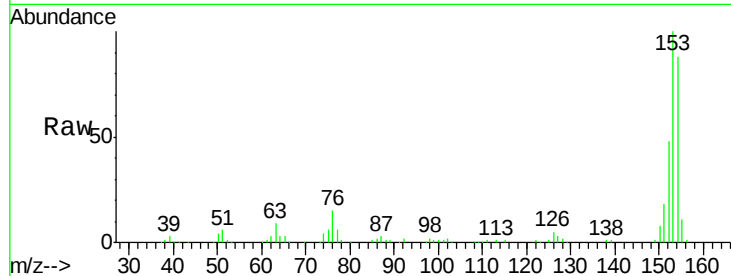
Tgt Ion:154 Resp: 243052

Ion Ratio Lower Upper

154 100

153 113.2 82.1 123.1

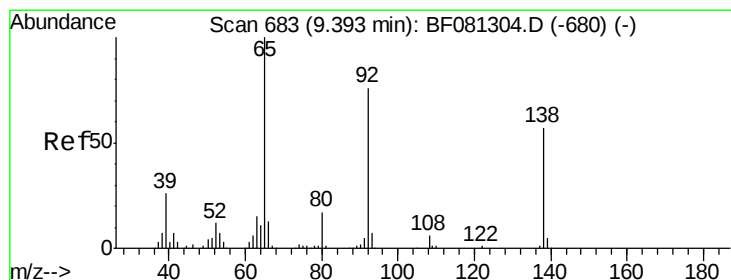
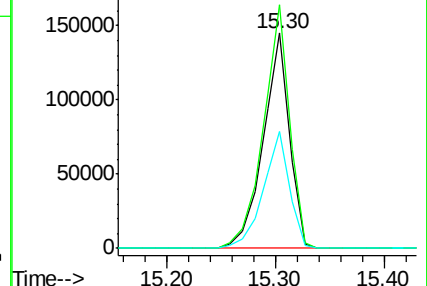
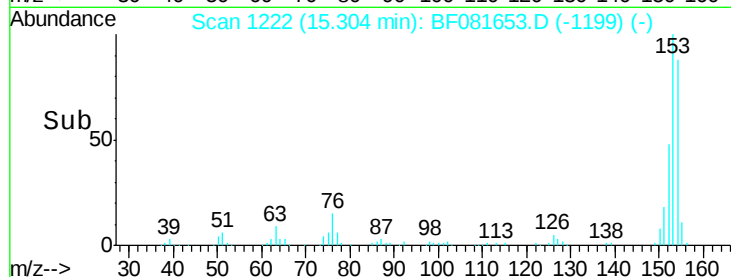
152 54.5 37.9 56.9



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: 20.11 ng

RT: 15.27 min Scan# 1219

Delta R.T. -0.05 min

Lab File: BF081653.D

Acq: 16 Sep 2015 17:24

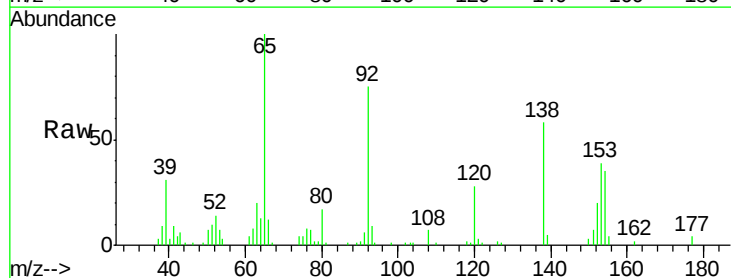
Tgt Ion:138 Resp: 35558

Ion Ratio Lower Upper

138 100

108 11.8 5.7 8.5#

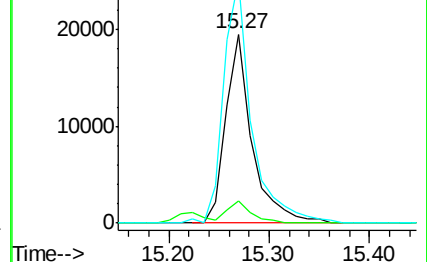
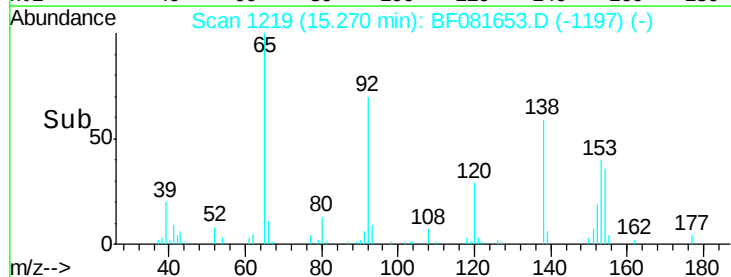
92 129.1 67.7 101.5#



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

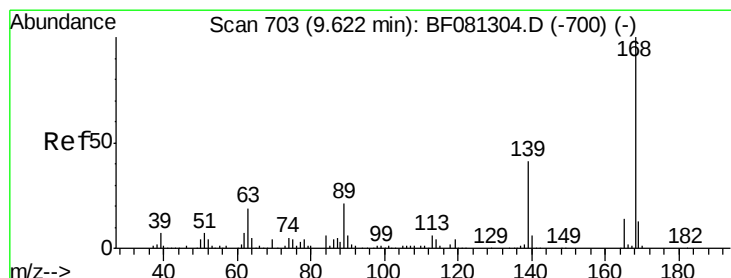
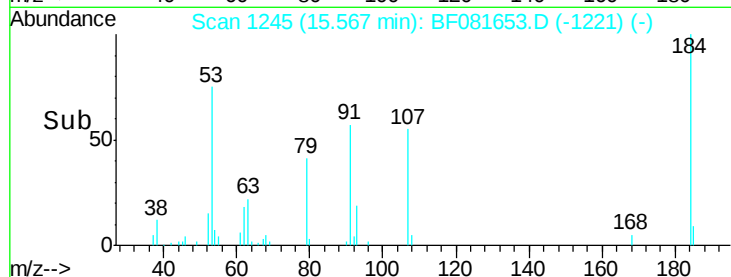
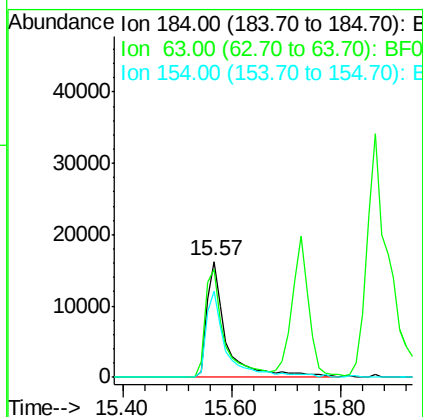
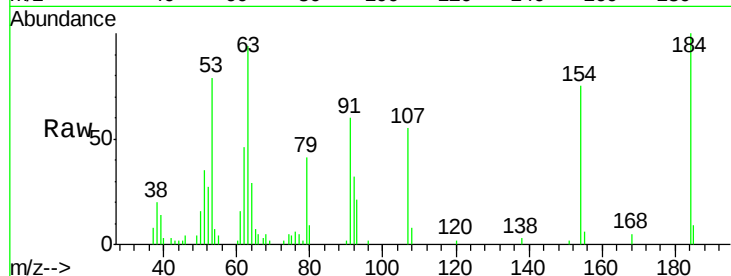




#53
2,4-Dinitrophenol
Concen: 52.99 ng
RT: 15.57 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BF081653.D
Acq: 16 Sep 2015 17:24

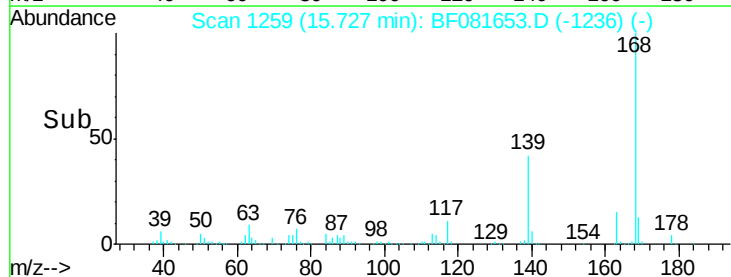
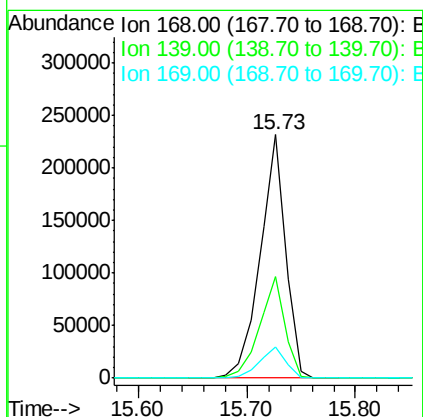
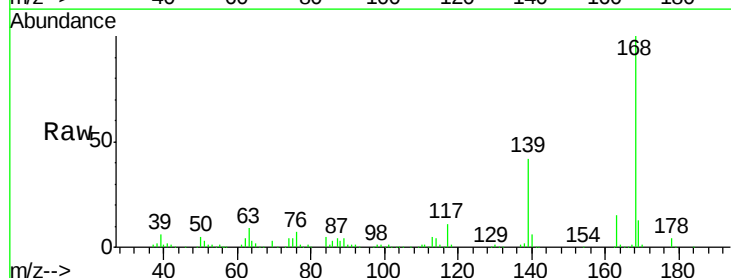
Instrument :
BNA_F
ClientSampled :
S12MSD

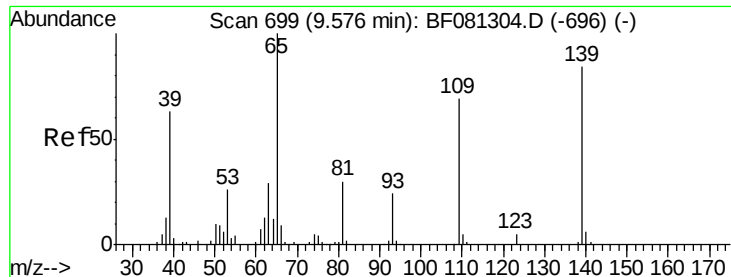
Tgt Ion:184 Resp: 40048
Ion Ratio Lower Upper
184 100
63 93.8 35.4 53.2#
154 75.0 32.2 48.4#



#54
Dibenzofuran
Concen: 43.62 ng
RT: 15.73 min Scan# 1259
Delta R.T. -0.03 min
Lab File: BF081653.D
Acq: 16 Sep 2015 17:24

Tgt Ion:168 Resp: 376119
Ion Ratio Lower Upper
168 100
139 41.6 24.2 36.2#
169 13.1 10.6 15.8

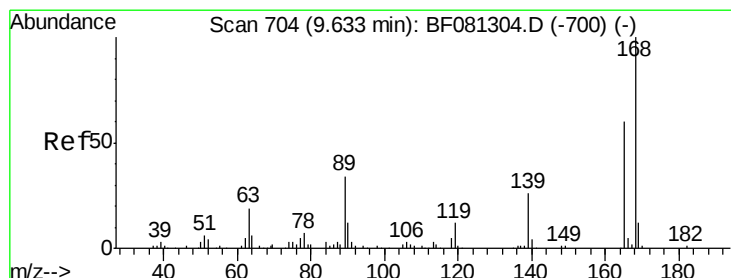
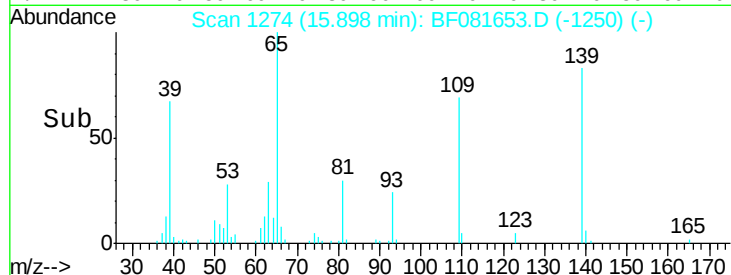
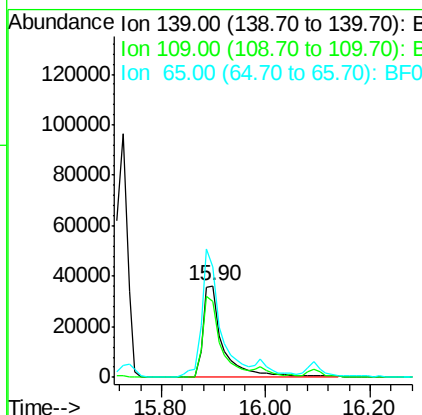
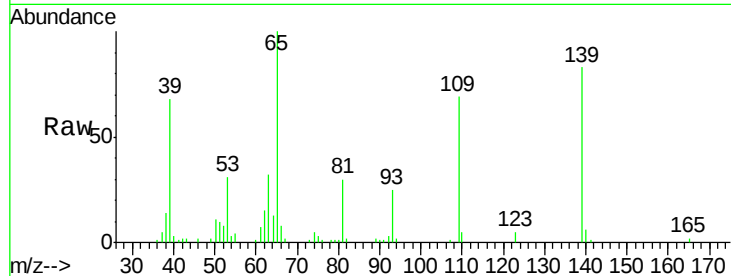




#55
4-Nitrophenol
Concen: 87.67 ng
RT: 15.90 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF081653.D
Acq: 16 Sep 2015 17:24

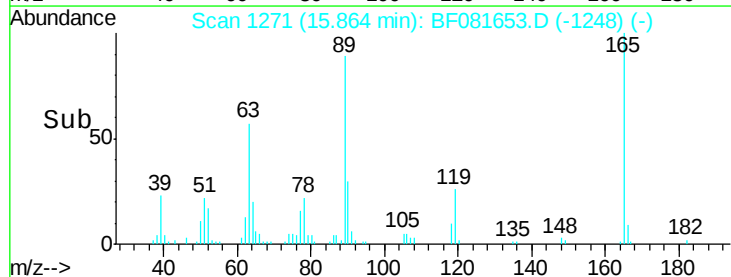
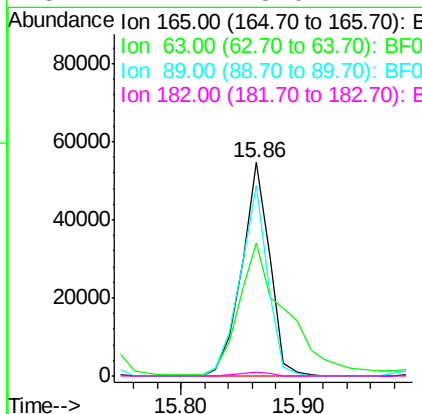
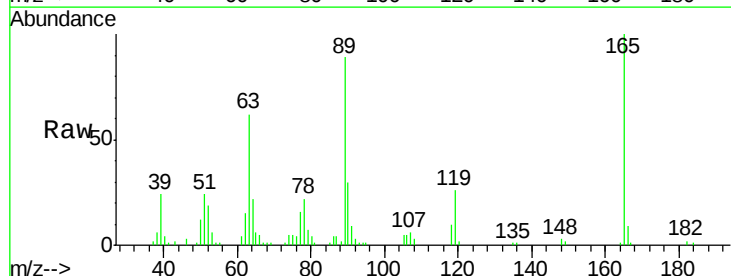
Instrument :
BNA_F
ClientSampleId :
S12MSD

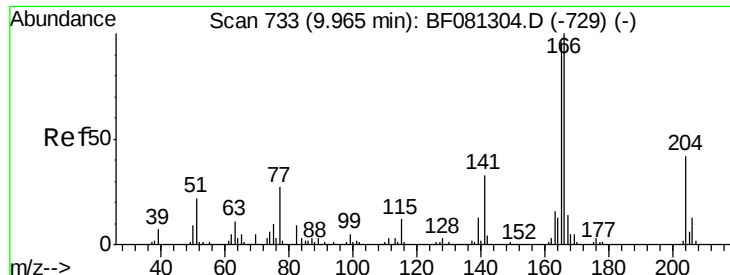
Tgt Ion:139 Resp: 97382
Ion Ratio Lower Upper
139 100
109 83.4 12.7 52.7#
65 120.4 45.9 85.9#



#56
2,4-Dinitrotoluene
Concen: 45.48 ng
RT: 15.86 min Scan# 1271
Delta R.T. -0.03 min
Lab File: BF081653.D
Acq: 16 Sep 2015 17:24

Tgt Ion:165 Resp: 89946
Ion Ratio Lower Upper
165 100
63 62.4 29.8 44.6#
89 89.2 44.5 66.7#
182 2.1 3.0 4.4#





#57

Fluorene

Concen: 45.42 ng

RT: 16.54 min Scan# 1330

Delta R.T. -0.03 min

Lab File: BF081653.D

Acq: 16 Sep 2015 17:24

Instrument :

BNA_F

ClientSampleId :

S12MSD

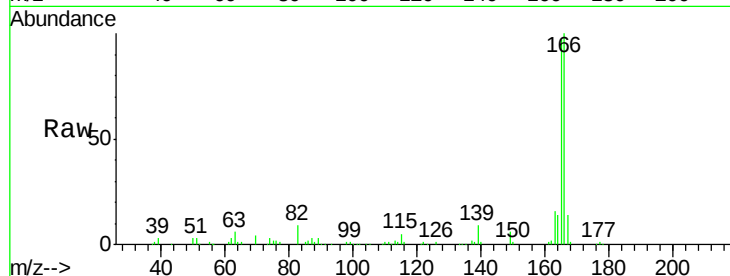
Tgt Ion:166 Resp: 297237

Ion Ratio Lower Upper

166 100

165 96.9 72.6 109.0

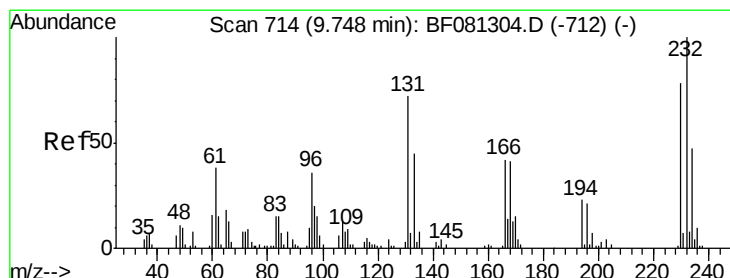
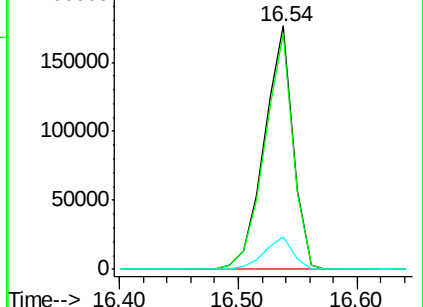
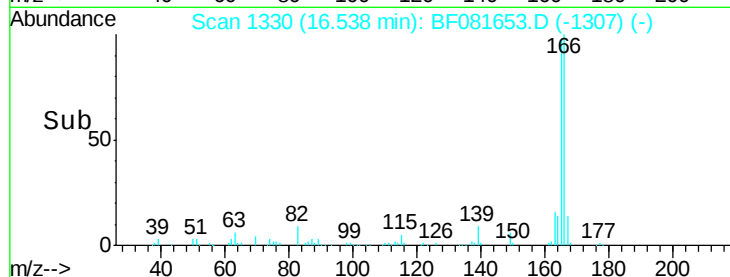
167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.04 ng

RT: 16.09 min Scan# 1291

Delta R.T. -0.03 min

Lab File: BF081653.D

Acq: 16 Sep 2015 17:24

Tgt Ion:232 Resp: 70434

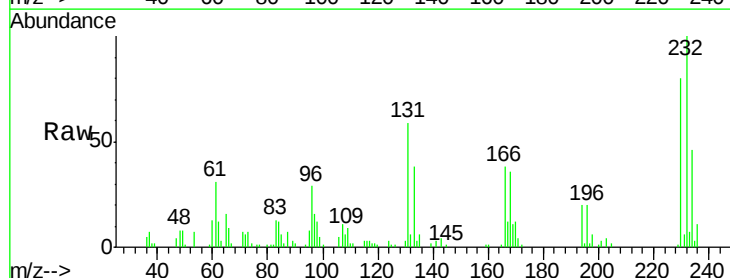
Ion Ratio Lower Upper

232 100

131 56.6 38.5 57.7

130 2.2 1.8 2.6

166 34.9 25.0 37.6

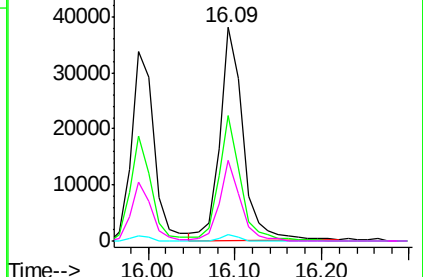
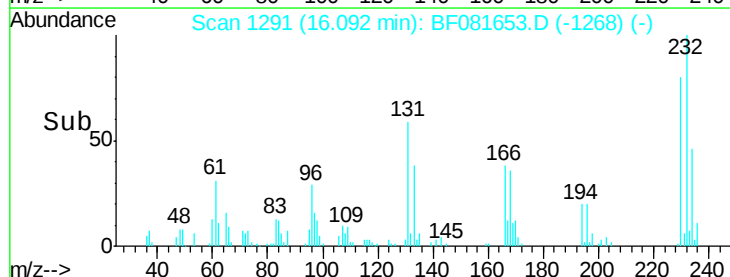


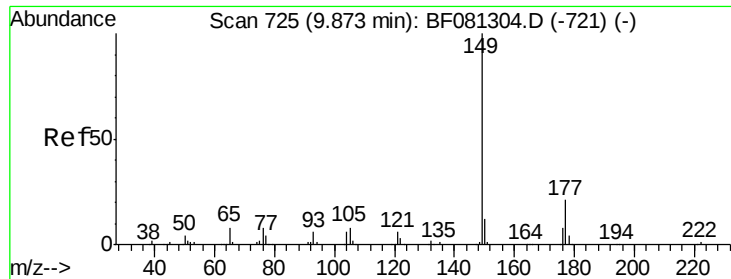
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

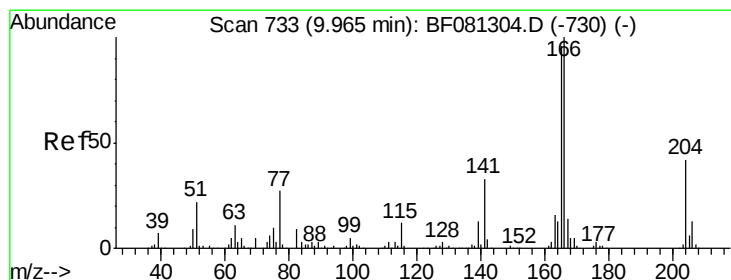
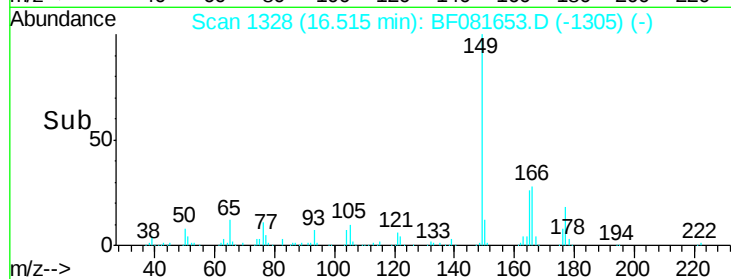
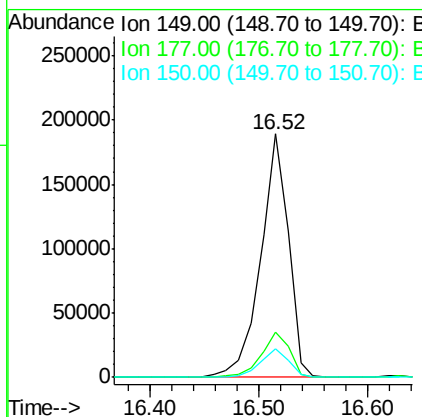
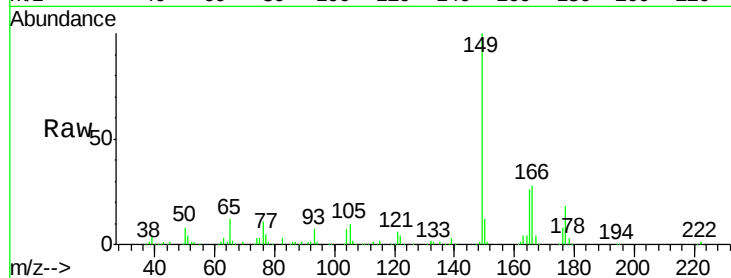




#59
Diethylphthalate
Concen: 46.57 ng
RT: 16.52 min Scan# 1328
Delta R.T. -0.03 min
Lab File: BF081653.D
Acq: 16 Sep 2015 17:24

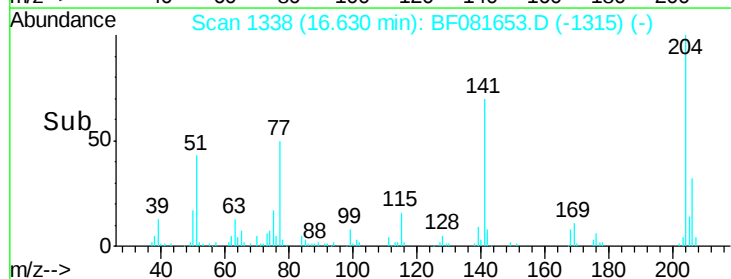
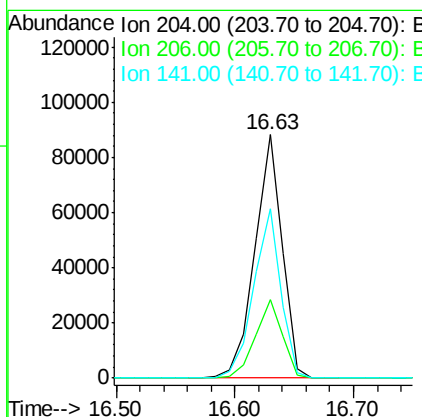
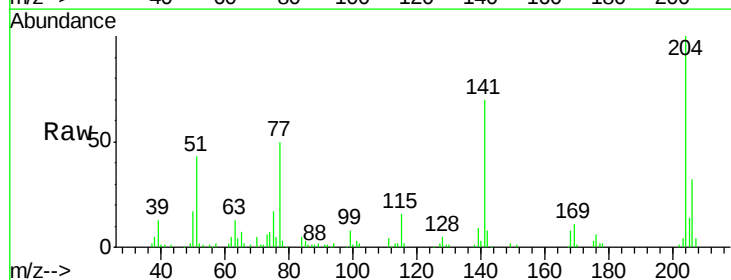
Instrument :
BNA_F
ClientSampleId :
S12MSD

Tgt Ion:149 Resp: 335222
Ion Ratio Lower Upper
149 100
177 18.5 17.5 26.3
150 11.6 9.4 14.2



#60
4-Chlorophenyl-phenylether
Concen: 46.69 ng
RT: 16.63 min Scan# 1338
Delta R.T. -0.03 min
Lab File: BF081653.D
Acq: 16 Sep 2015 17:24

Tgt Ion:204 Resp: 142418
Ion Ratio Lower Upper
204 100
206 32.5 24.8 37.2
141 69.6 42.2 63.4#

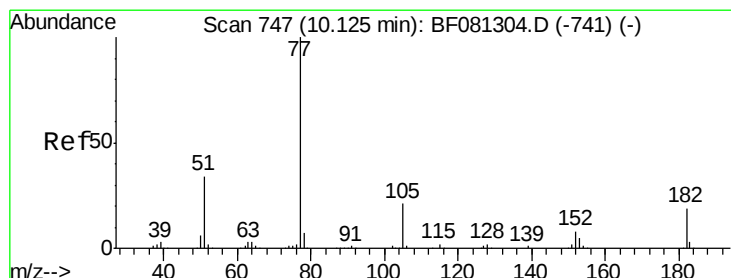
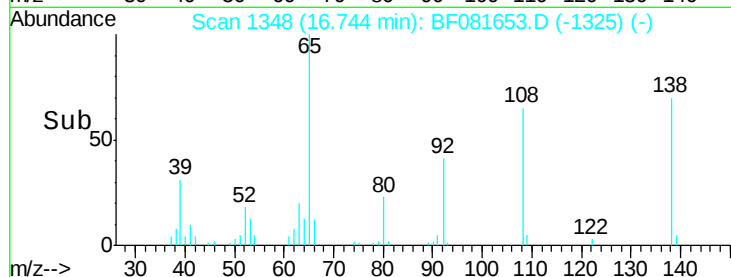
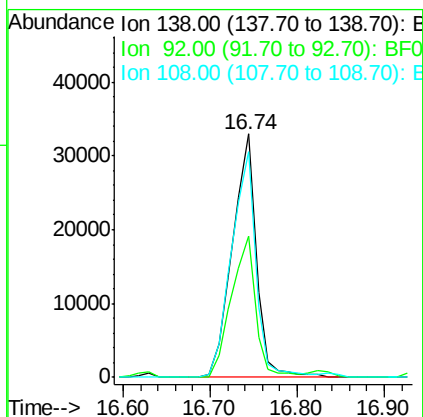
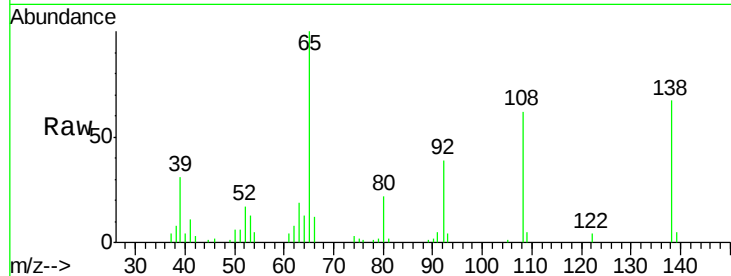




#61
4-Nitroaniline
Concen: 35.45 ng
RT: 16.74 min Scan# 1348
Delta R.T. -0.03 min
Lab File: BF081653.D
Acq: 16 Sep 2015 17:24

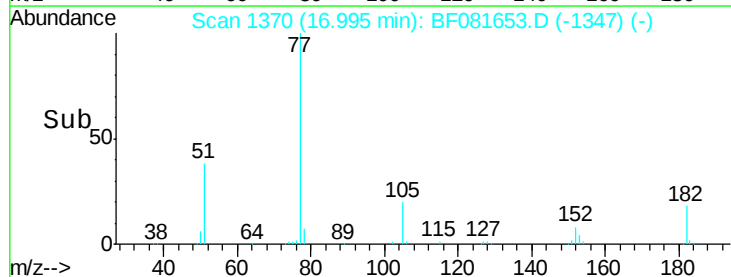
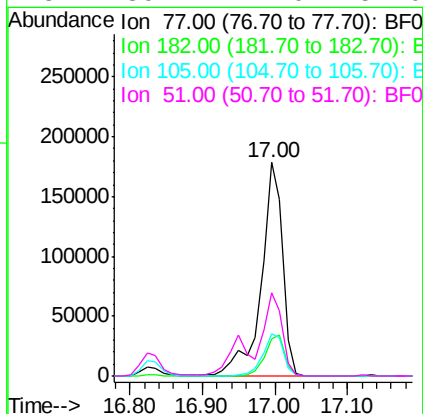
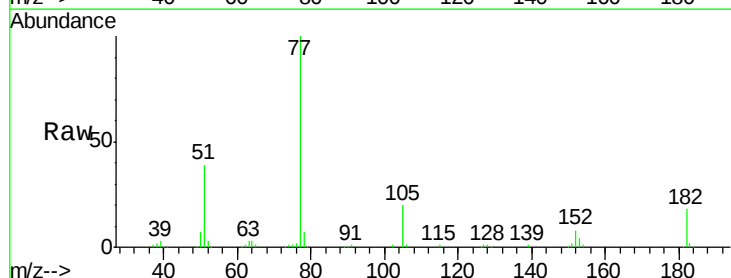
Instrument :
BNA_F
ClientSampleId :
S12MSD

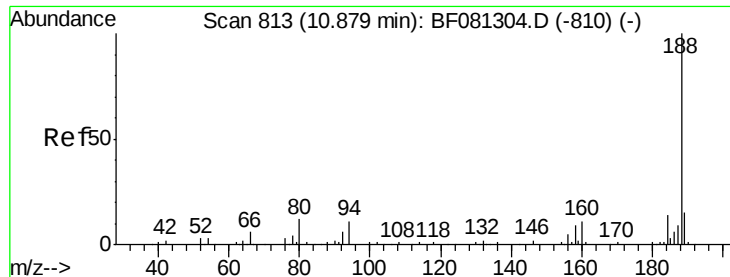
Tgt Ion: 138 Resp: 63333
Ion Ratio Lower Upper
138 100
92 58.2 12.6 52.6#
108 92.8 12.4 52.4#



#62
Azobenzene
Concen: 46.81 ng
RT: 17.00 min Scan# 1370
Delta R.T. -0.03 min
Lab File: BF081653.D
Acq: 16 Sep 2015 17:24

Tgt Ion: 77 Resp: 374607
Ion Ratio Lower Upper
77 100
182 17.5 15.1 55.1
105 20.0 3.4 43.4
51 39.2 12.0 52.0

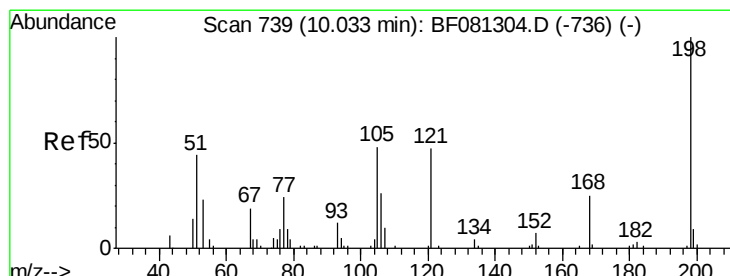
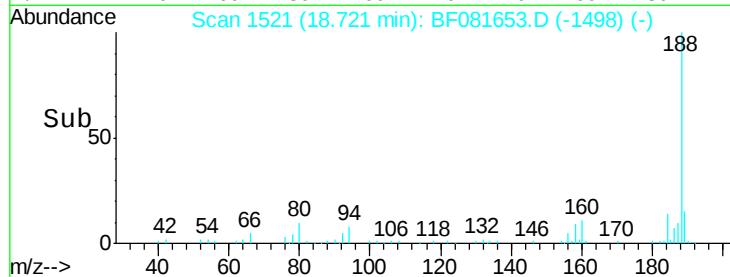
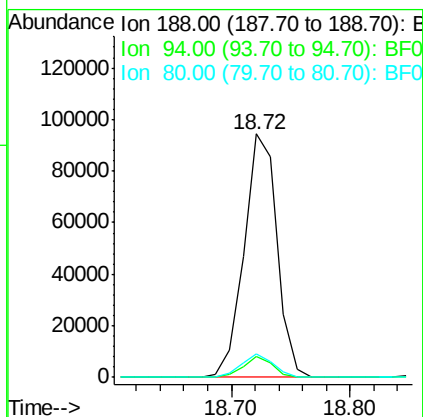
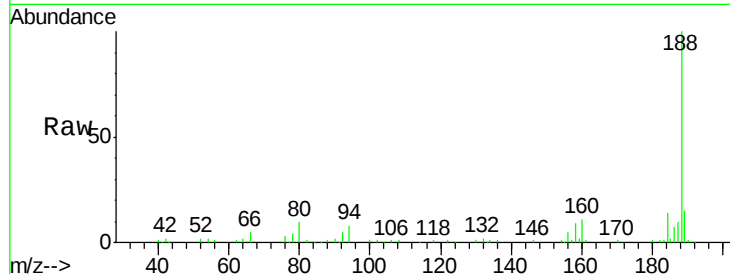




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 18.72 min Scan# 1521
 Delta R.T. -0.03 min
 Lab File: BF081653.D
 Acq: 16 Sep 2015 17:24

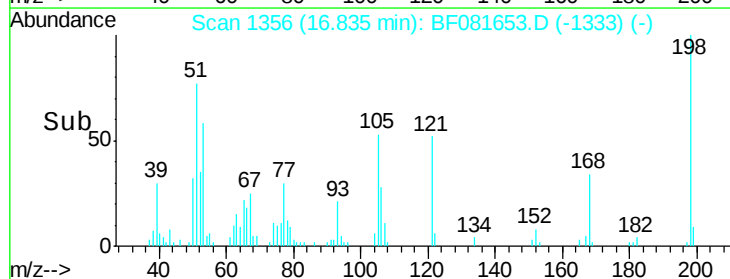
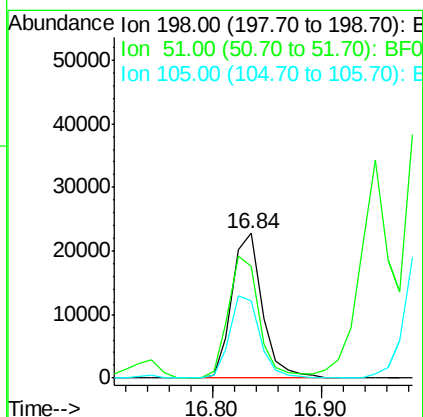
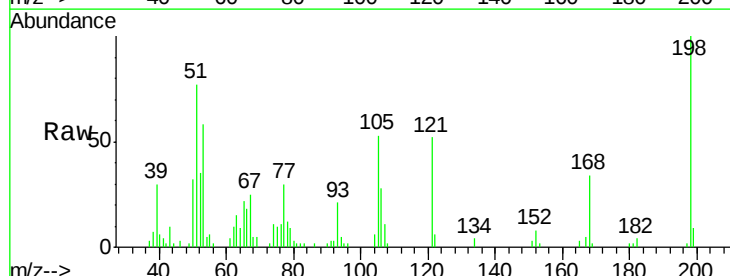
Instrument :
 BNA_F
 ClientSampleId :
 S12MSD

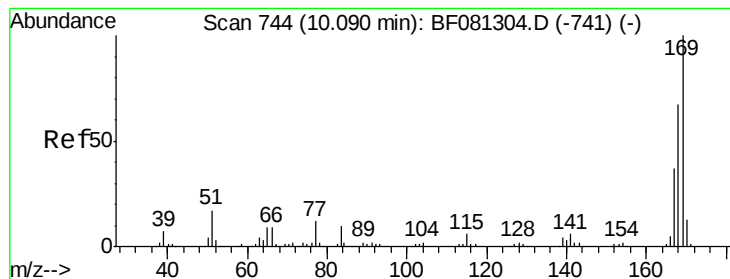
Tgt Ion:188 Resp: 182951
 Ion Ratio Lower Upper
 188 100
 94 8.3 11.1 16.7#
 80 9.9 11.0 16.4#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 43.03 ng
 RT: 16.84 min Scan# 1356
 Delta R.T. -0.03 min
 Lab File: BF081653.D
 Acq: 16 Sep 2015 17:24

Tgt Ion:198 Resp: 44027
 Ion Ratio Lower Upper
 198 100
 51 77.2 39.6 79.6
 105 53.3 28.5 68.5





#65

n-Nitrosodiphenylamine

Concen: 39.07 ng

RT: 16.95 min Scan# 1366

Delta R.T. -0.03 min

Lab File: BF081653.D

Acq: 16 Sep 2015 17:24

Instrument :

BNA_F

ClientSampleId :

S12MSD

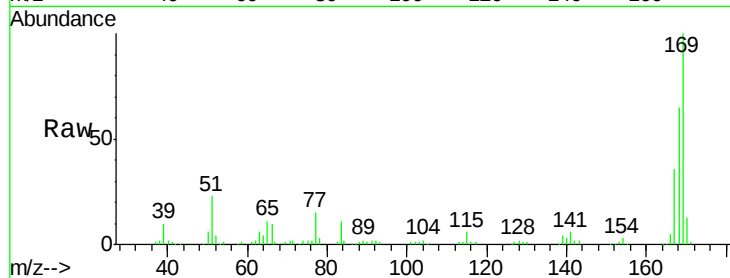
Tgt Ion:169 Resp: 260117

Ion Ratio Lower Upper

169 100

168 65.0 48.9 73.3

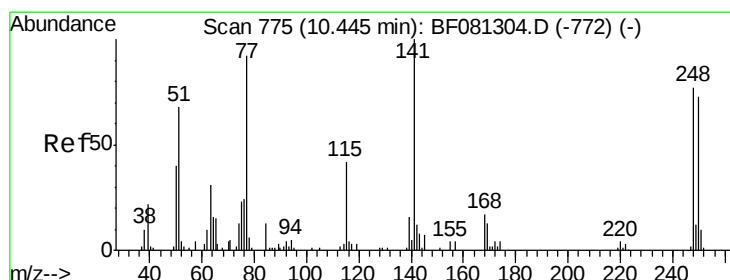
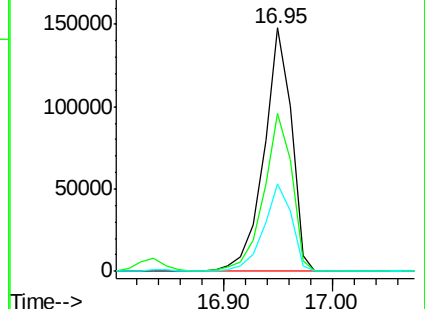
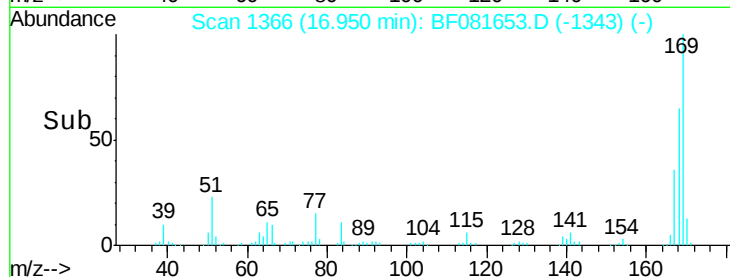
167 35.9 26.2 39.4



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: 42.28 ng

RT: 17.77 min Scan# 1438

Delta R.T. -0.03 min

Lab File: BF081653.D

Acq: 16 Sep 2015 17:24

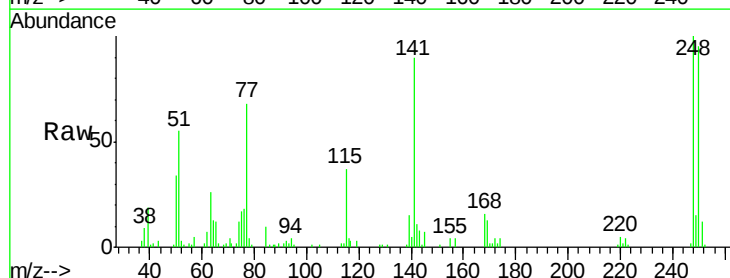
Tgt Ion:248 Resp: 78213

Ion Ratio Lower Upper

248 100

250 95.4 78.5 117.7

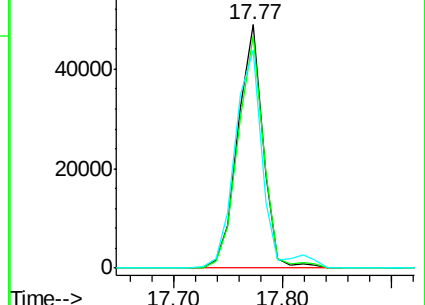
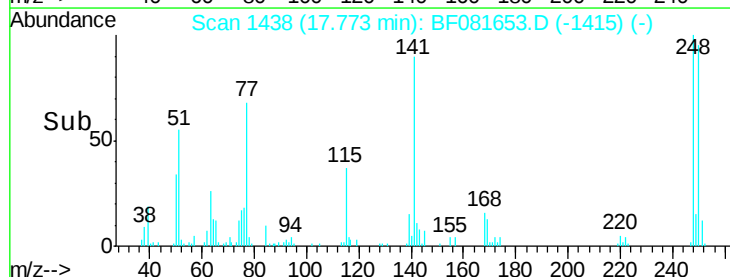
141 89.8 59.0 88.6#



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

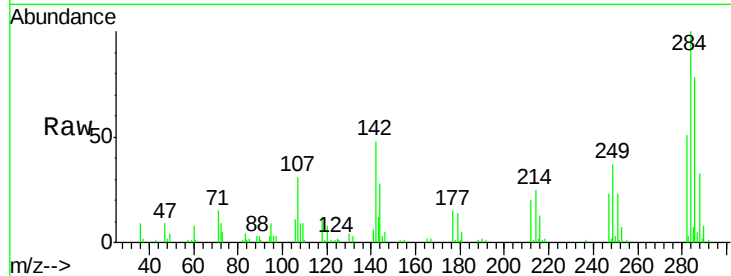




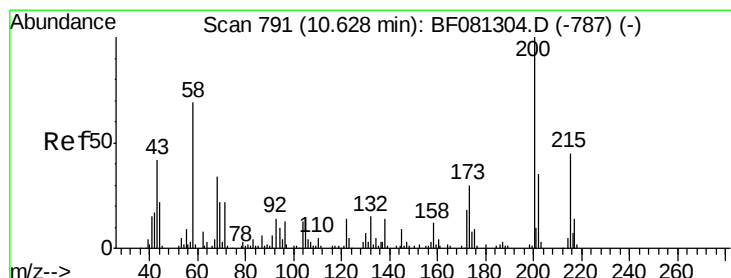
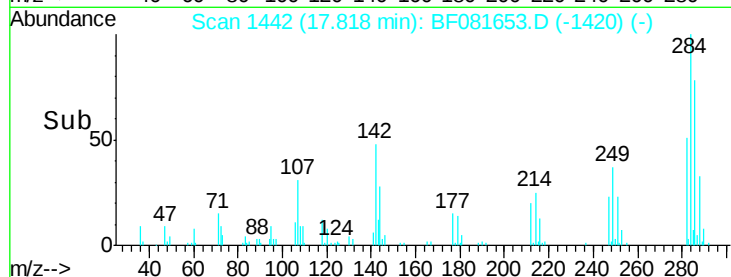
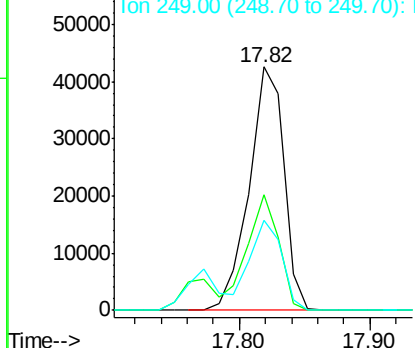
#67
Hexachlorobenzene
Concen: 41.11 ng
RT: 17.82 min Scan# 1442
Delta R.T. -0.05 min
Lab File: BF081653.D
Acq: 16 Sep 2015 17:24

Instrument :
BNA_F
ClientSampled :
S12MSD

Tgt Ion: 284 Resp: 79511
Ion Ratio Lower Upper
284 100
142 47.7 29.5 44.3#
249 36.9 19.5 29.3#

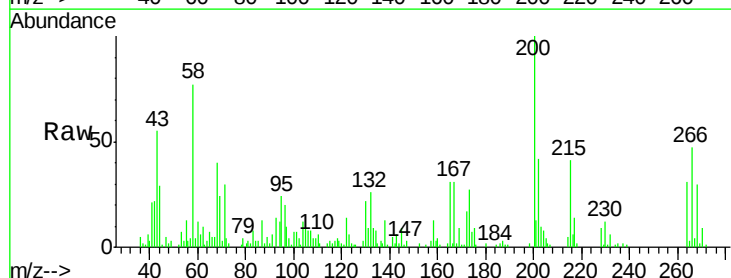


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

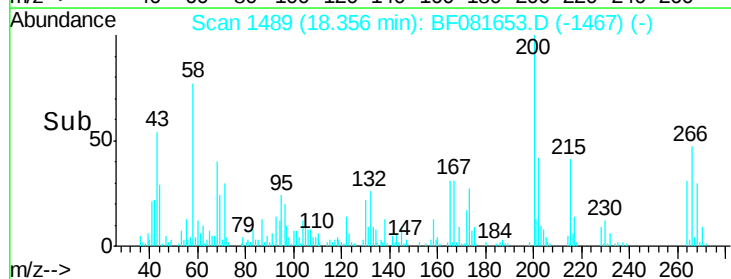
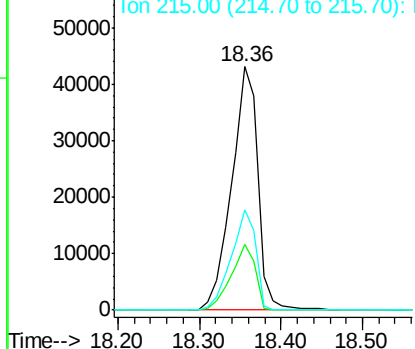


#68
Atrazine
Concen: 49.90 ng
RT: 18.36 min Scan# 1489
Delta R.T. -0.05 min
Lab File: BF081653.D
Acq: 16 Sep 2015 17:24

Tgt Ion: 200 Resp: 96134
Ion Ratio Lower Upper
200 100
173 27.0 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

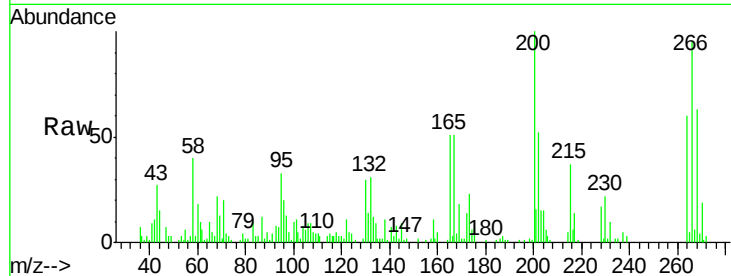




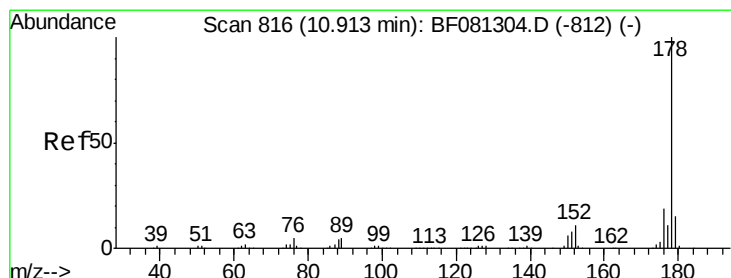
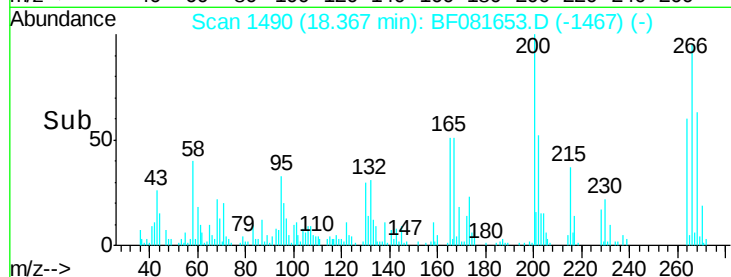
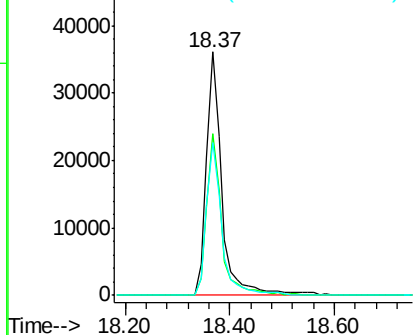
#69
 Pentachlorophenol
 Concen: 78.94 ng
 RT: 18.37 min Scan# 1490
 Delta R.T. -0.03 min
 Lab File: BF081653.D
 Acq: 16 Sep 2015 17:24

Instrument :
 BNA_F
 ClientSampleId :
 S12MSD

Tgt Ion:266 Resp: 74212
 Ion Ratio Lower Upper
 266 100
 268 66.3 49.8 74.6
 264 62.6 50.2 75.2

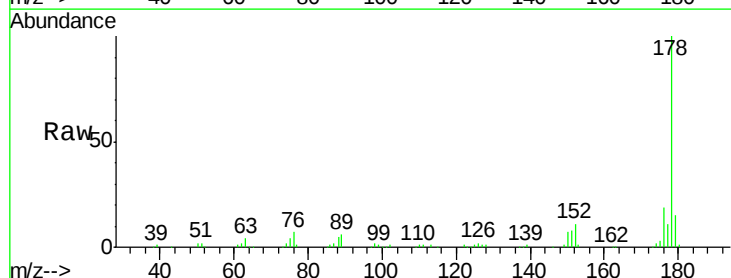


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

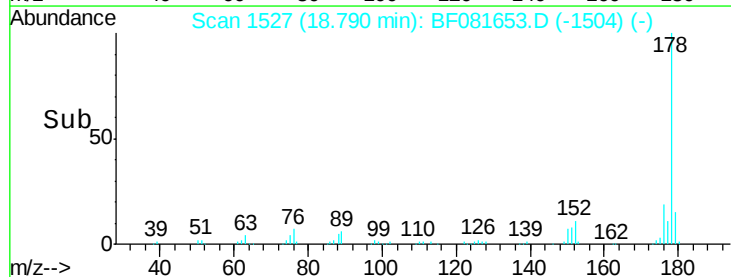
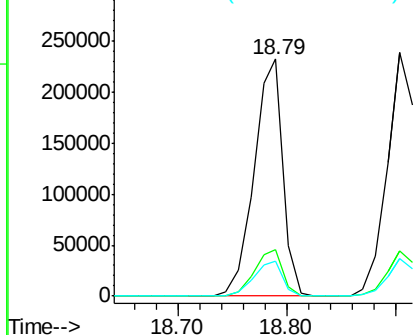


#70
 Phenanthrene
 Concen: 41.90 ng
 RT: 18.79 min Scan# 1527
 Delta R.T. -0.03 min
 Lab File: BF081653.D
 Acq: 16 Sep 2015 17:24

Tgt Ion:178 Resp: 426157
 Ion Ratio Lower Upper
 178 100
 176 19.4 13.8 20.8
 179 14.6 12.2 18.2



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

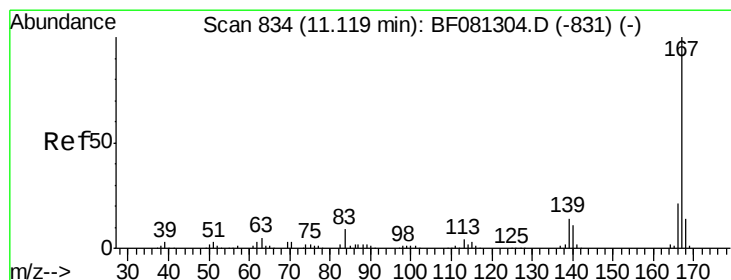
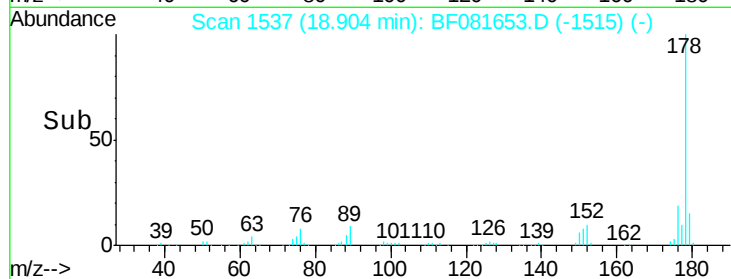
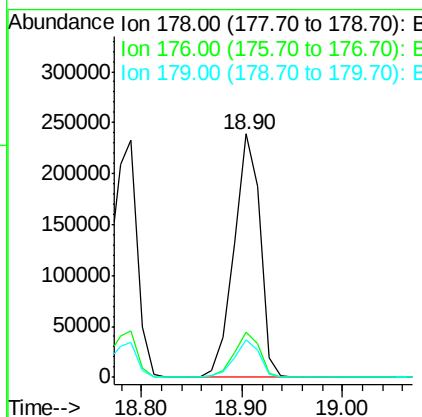
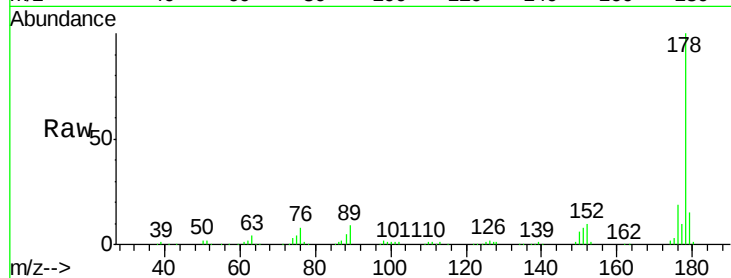




#71
 Anthracene
 Concen: 41.14 ng
 RT: 18.90 min Scan# 1537
 Delta R.T. -0.05 min
 Lab File: BF081653.D
 Acq: 16 Sep 2015 17:24

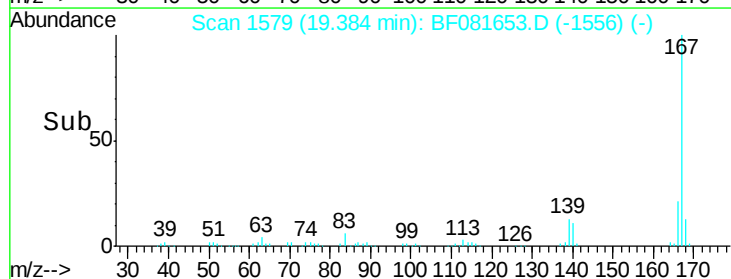
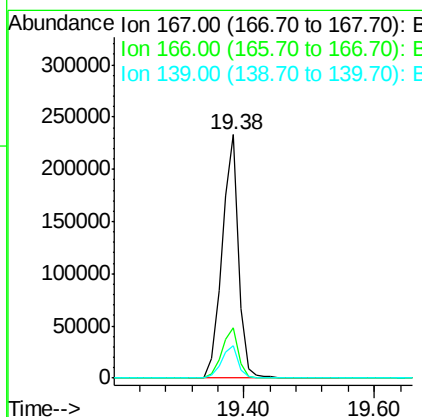
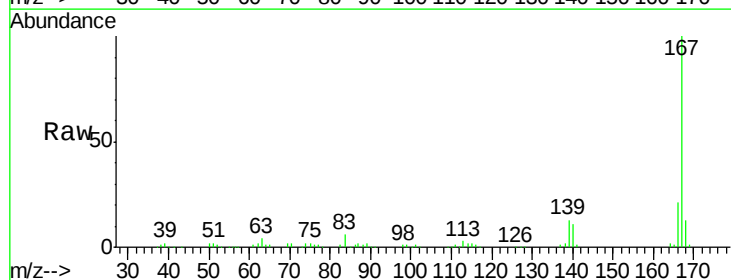
Instrument :
 BNA_F
 ClientSampleId :
 S12MSD

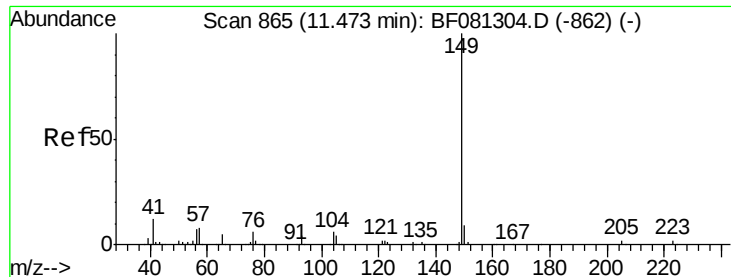
Tgt Ion:178 Resp: 429937
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.1 21.1
 179 15.4 12.2 18.2



#72
 Carbazole
 Concen: 41.79 ng
 RT: 19.38 min Scan# 1579
 Delta R.T. -0.03 min
 Lab File: BF081653.D
 Acq: 16 Sep 2015 17:24

Tgt Ion:167 Resp: 409737
 Ion Ratio Lower Upper
 167 100
 166 20.8 15.7 23.5
 139 13.3 9.5 14.3





#73

Di-n-butylphthalate

Concen: 45.99 ng

RT: 20.44 min Scan# 1671

Delta R.T. -0.03 min

Lab File: BF081653.D

Acq: 16 Sep 2015 17:24

Instrument :

BNA_F

ClientSampleId :

S12MSD

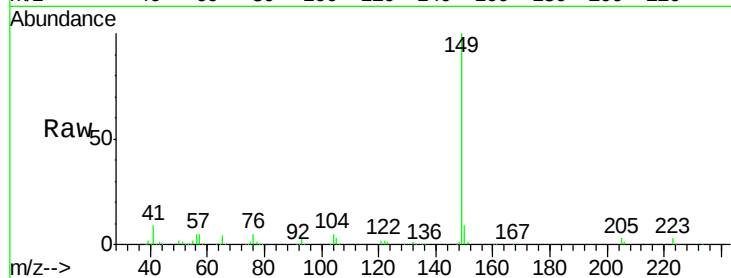
Tgt Ion:149 Resp: 532532

Ion Ratio Lower Upper

149 100

150 8.8 7.4 11.2

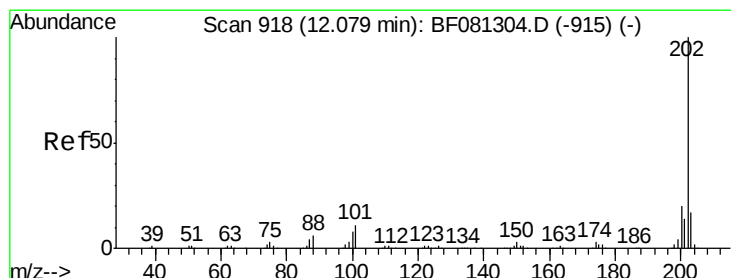
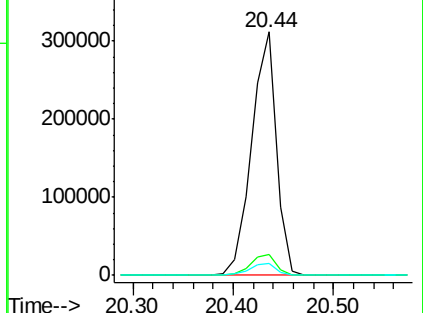
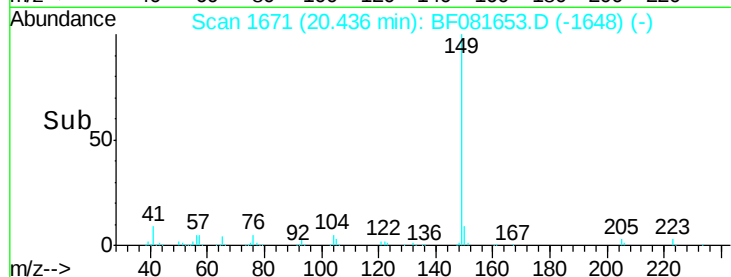
104 4.9 2.4 3.6#



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: 41.39 ng

RT: 21.41 min Scan# 1756

Delta R.T. -0.02 min

Lab File: BF081653.D

Acq: 16 Sep 2015 17:24

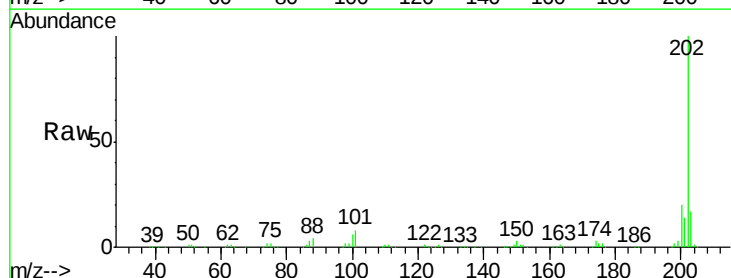
Tgt Ion:202 Resp: 455768

Ion Ratio Lower Upper

202 100

101 7.8 0.0 38.3

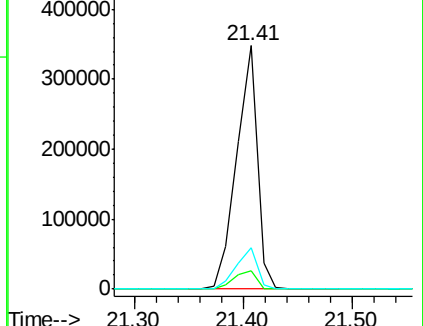
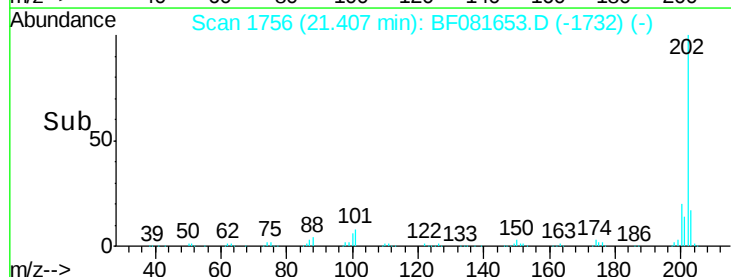
203 17.3 0.0 37.3

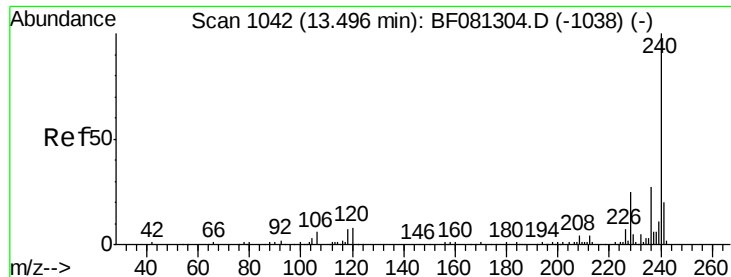


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

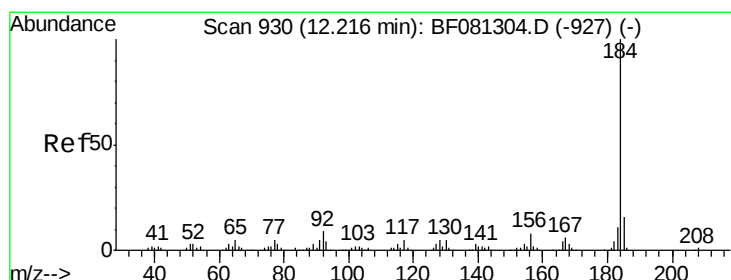
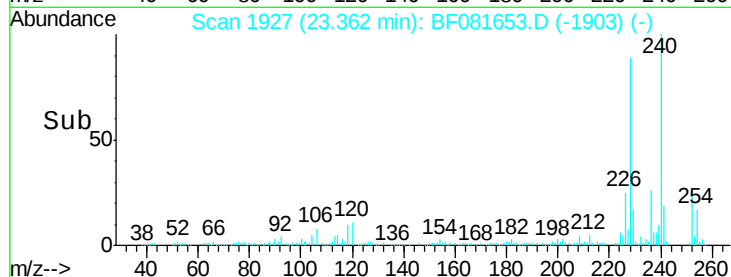
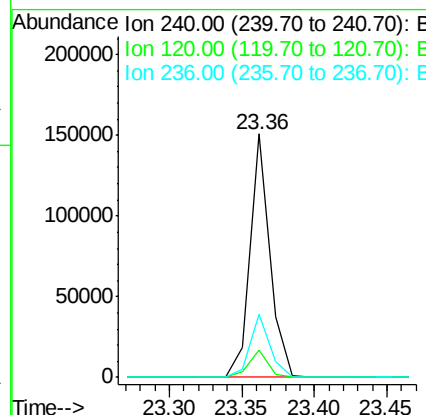
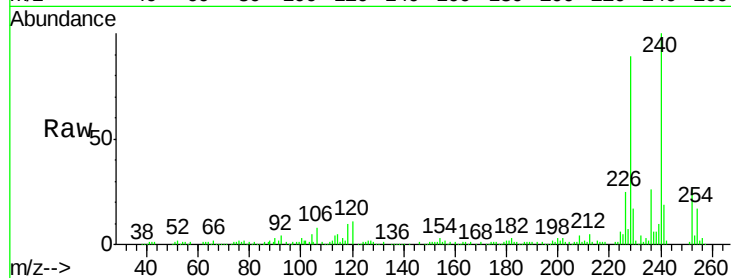




#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.36 min Scan# 1927
Delta R.T. -0.02 min
Lab File: BF081653.D
Acq: 16 Sep 2015 17:24

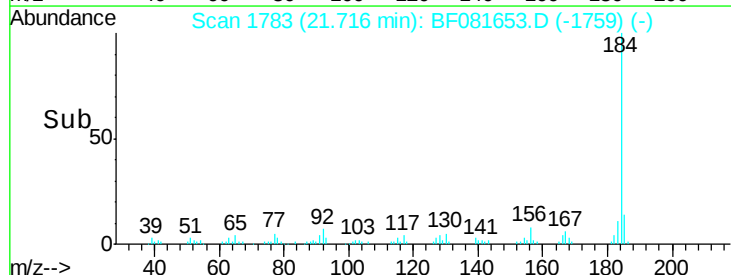
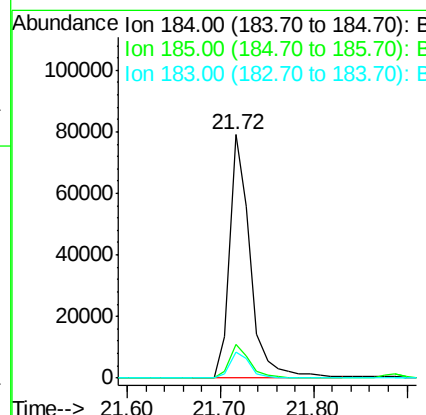
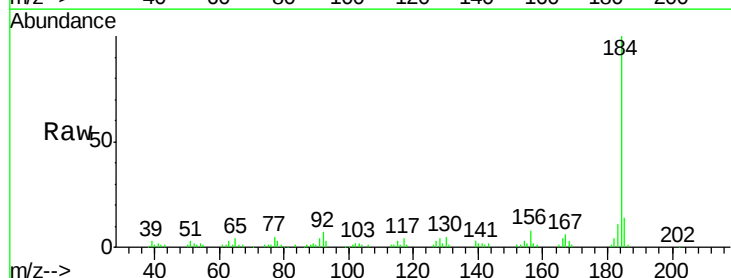
Instrument :
BNA_F
ClientSampleId :
S12MSD

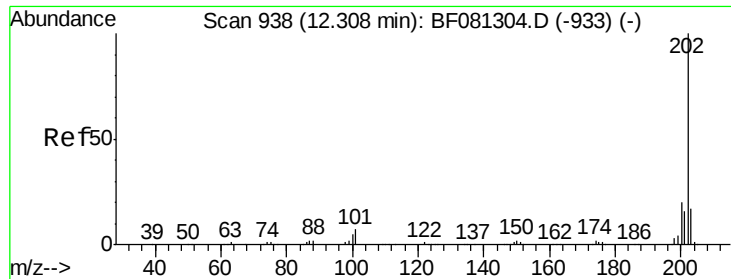
Tgt Ion:240 Resp: 143908
Ion Ratio Lower Upper
240 100
120 11.0 16.2 24.2#
236 26.2 18.4 27.6



#76
Benzidine
Concen: 19.87 ng
RT: 21.72 min Scan# 1783
Delta R.T. -0.02 min
Lab File: BF081653.D
Acq: 16 Sep 2015 17:24

Tgt Ion:184 Resp: 122776
Ion Ratio Lower Upper
184 100
185 13.9 11.8 17.6
183 10.8 7.6 11.4

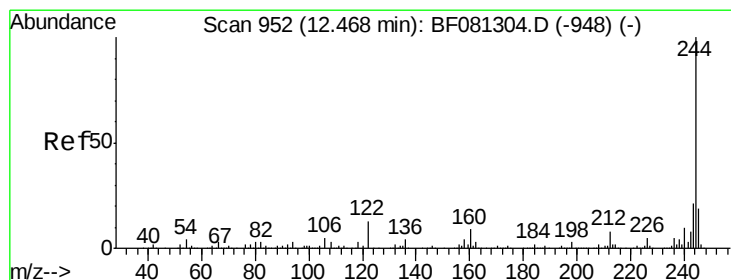
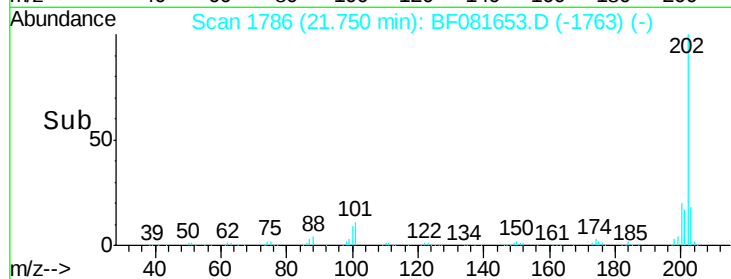
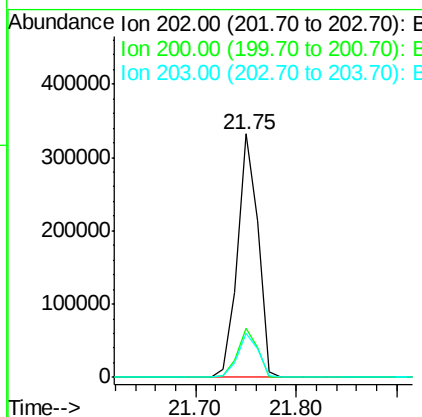
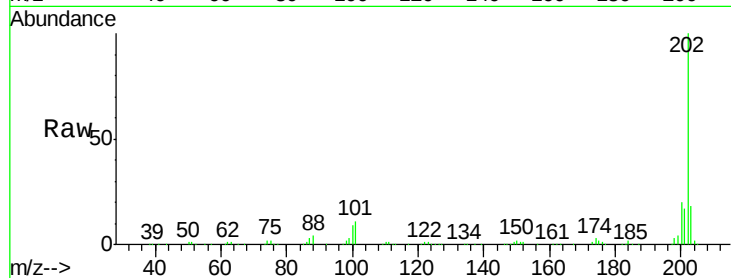




#77
 Pyrene
 Concen: 43.78 ng
 RT: 21.75 min Scan# 1786
 Delta R.T. -0.03 min
 Lab File: BF081653.D
 Acq: 16 Sep 2015 17:24

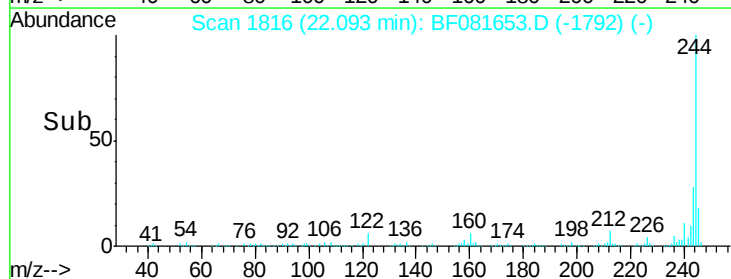
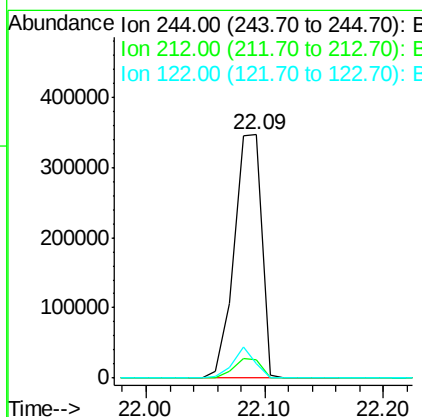
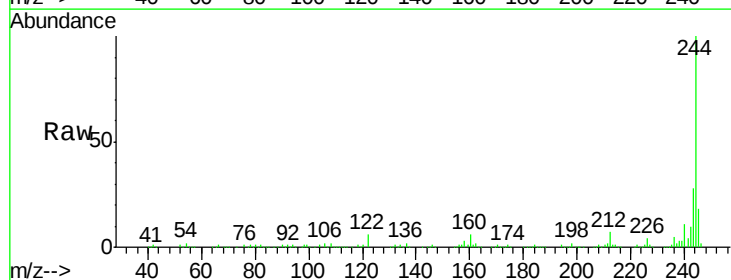
Instrument :
 BNA_F
 ClientSampleId :
 S12MSD

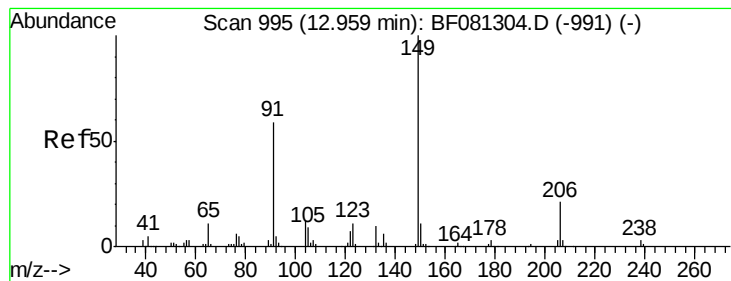
Tgt Ion: 202 Resp: 466719
 Ion Ratio Lower Upper
 202 100
 200 20.1 15.0 22.4
 203 17.9 14.1 21.1



#78
 Terphenyl-d14
 Concen: 90.26 ng
 RT: 22.09 min Scan# 1816
 Delta R.T. -0.02 min
 Lab File: BF081653.D
 Acq: 16 Sep 2015 17:24

Tgt Ion: 244 Resp: 557992
 Ion Ratio Lower Upper
 244 100
 212 7.3 4.3 6.5#
 122 6.0 17.4 26.2#





#79

Butylbenzylphthalate

Concen: 45.08 ng

RT: 22.78 min Scan# 1876

Delta R.T. -0.02 min

Lab File: BF081653.D

Acq: 16 Sep 2015 17:24

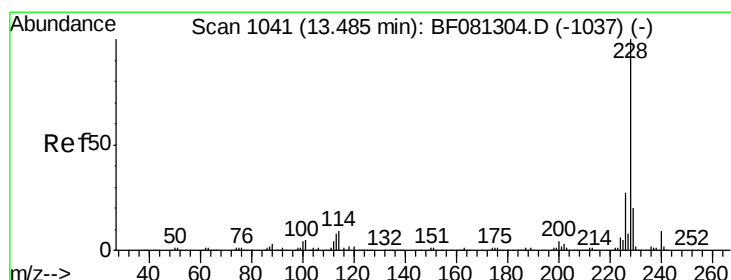
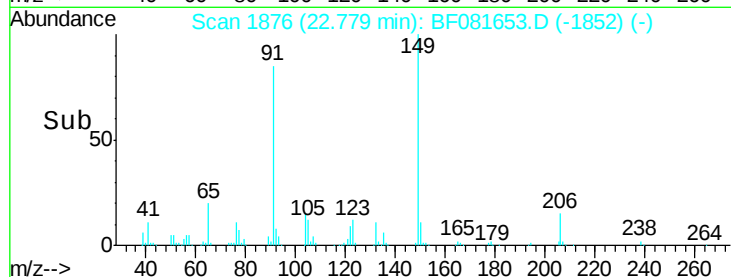
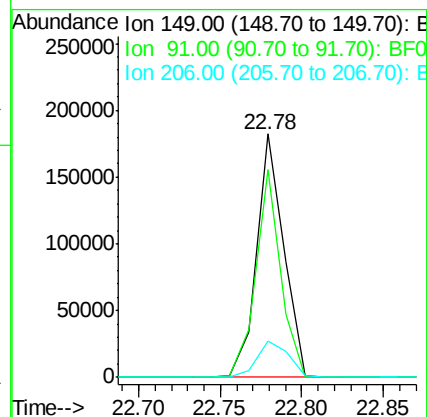
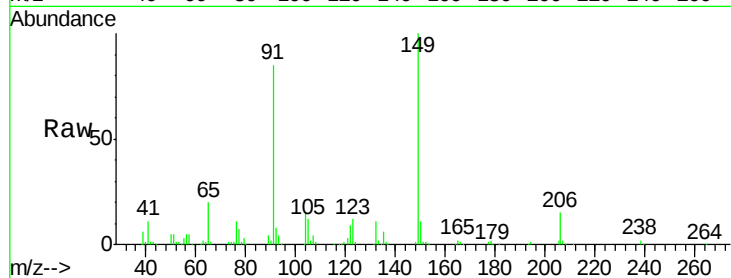
Instrument :

BNA_F

ClientSampleId :

S12MSD

Tgt Ion:	149	Resp:	208997
Ion Ratio	Lower	Upper	
149	100		
91	85.3	48.6	72.8#
206	14.9	14.9	22.3



#80

Benzo(a)anthracene

Concen: 41.70 ng

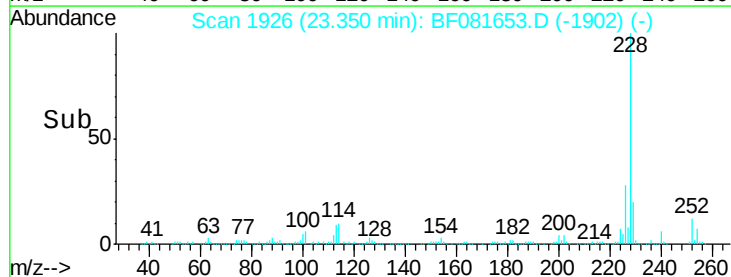
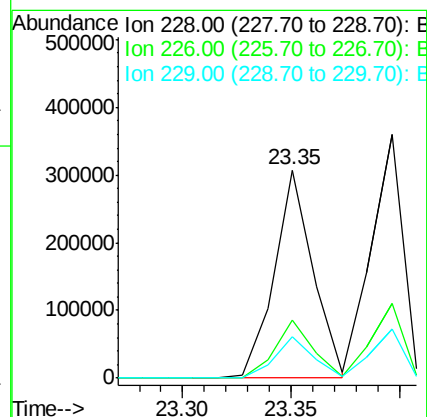
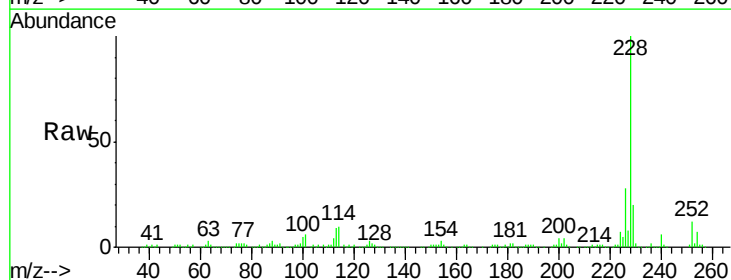
RT: 23.35 min Scan# 1926

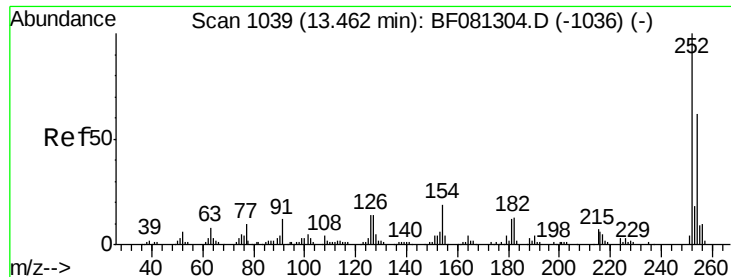
Delta R.T. -0.02 min

Lab File: BF081653.D

Acq: 16 Sep 2015 17:24

Tgt Ion:	228	Resp:	382146
Ion Ratio	Lower	Upper	
228	100		
226	27.6	20.0	30.0
229	19.9	15.4	23.2

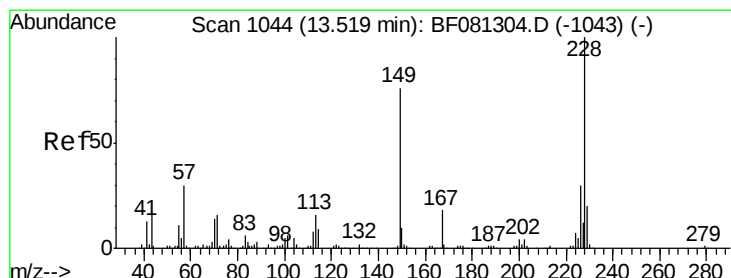
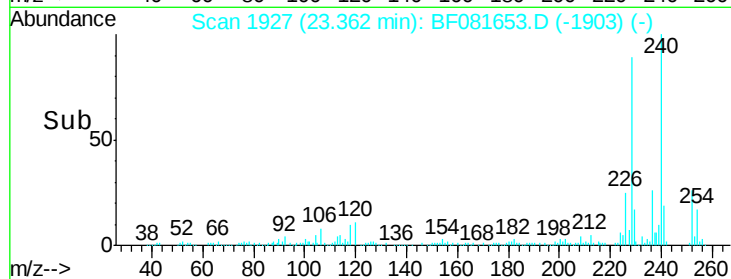
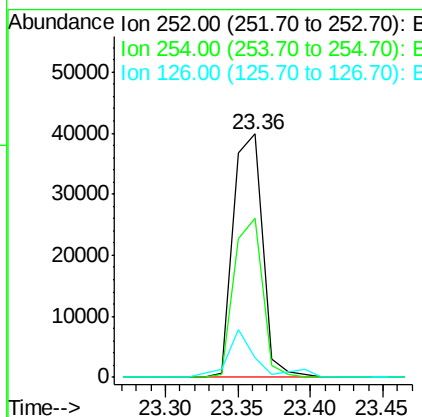
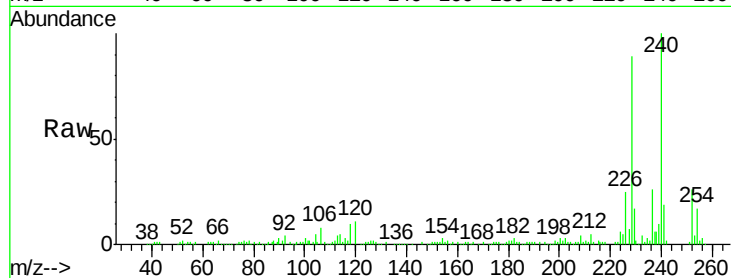




#81
 3,3'-Dichlorobenzidine
 Concen: 18.15 ng
 RT: 23.36 min Scan# 1927
 Delta R.T. -0.02 min
 Lab File: BF081653.D
 Acq: 16 Sep 2015 17:24

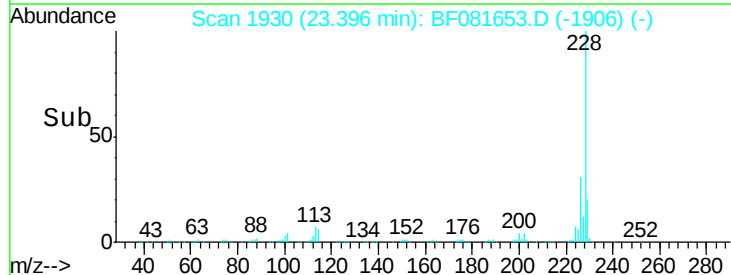
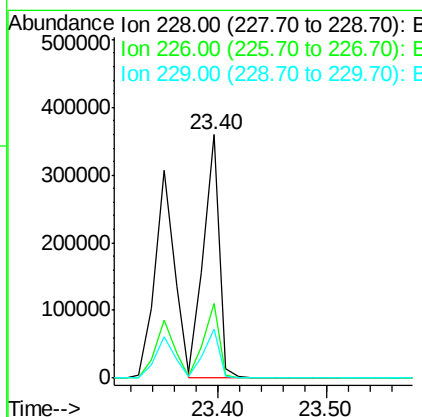
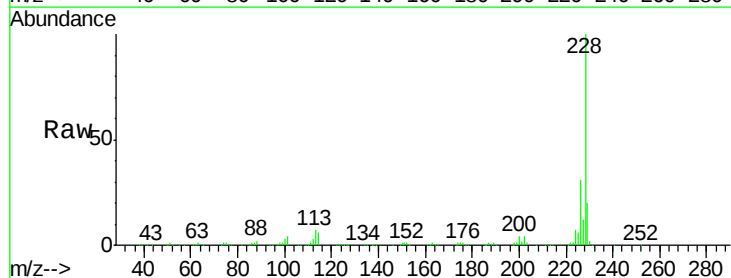
Instrument :
 BNA_F
 ClientSampleId :
 S12MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.4	77.2
126	8.3	16.4	24.6#



#82
 Chrysene
 Concen: 44.56 ng
 RT: 23.40 min Scan# 1930
 Delta R.T. -0.02 min
 Lab File: BF081653.D
 Acq: 16 Sep 2015 17:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	21.0	31.4
229	20.0	15.6	23.4

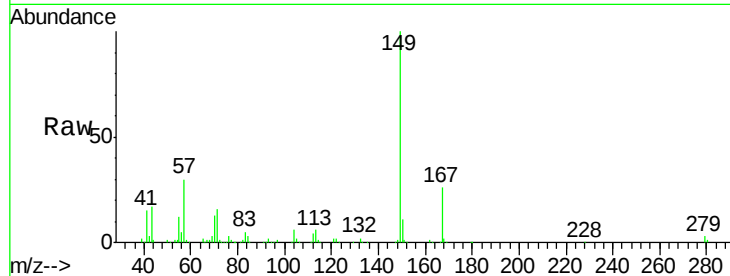




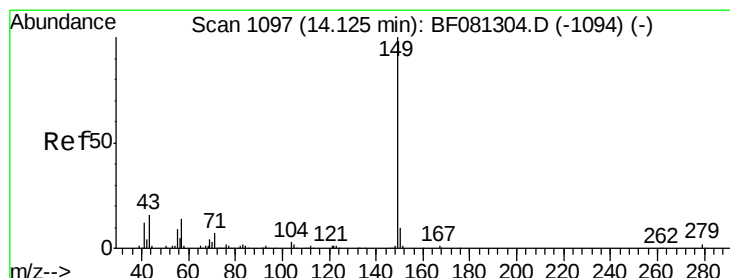
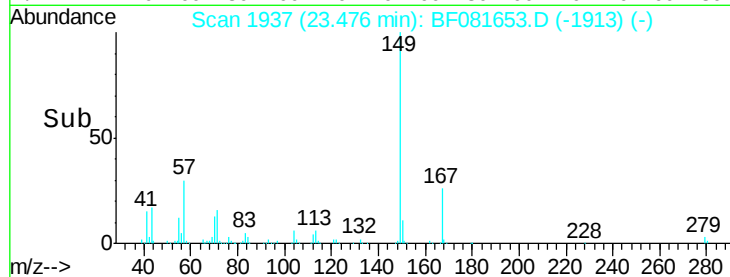
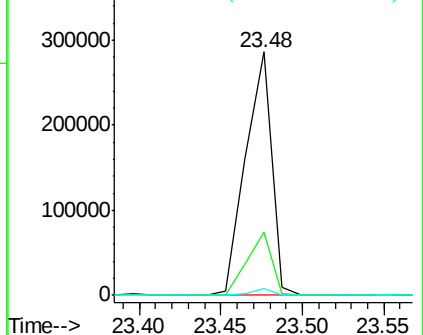
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.61 ng
 RT: 23.48 min Scan# 1937
 Delta R.T. -0.02 min
 Lab File: BF081653.D
 Acq: 16 Sep 2015 17:24

Instrument :
 BNA_F
 ClientSampleId :
 S12MSD

Tgt Ion:149 Resp: 315781
 Ion Ratio Lower Upper
 149 100
 167 25.8 24.2 36.2
 279 2.7 3.8 5.6#

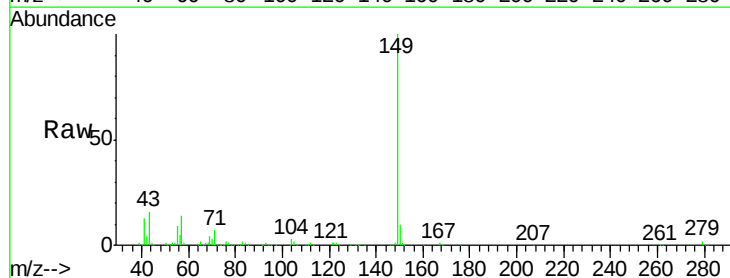


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

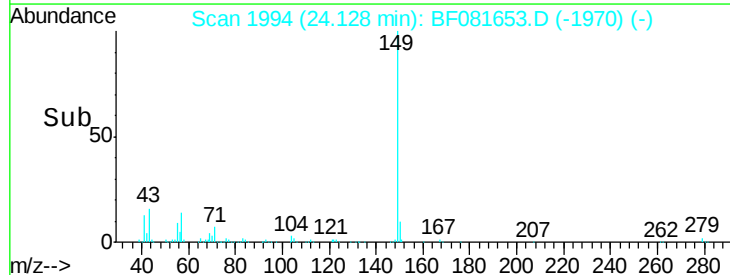
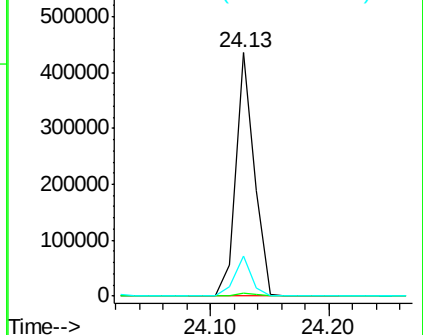


#84
 Di-n-octyl phthalate
 Concen: 46.60 ng
 RT: 24.13 min Scan# 1994
 Delta R.T. -0.02 min
 Lab File: BF081653.D
 Acq: 16 Sep 2015 17:24

Tgt Ion:149 Resp: 469477
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.0 1.6
 43 14.7 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

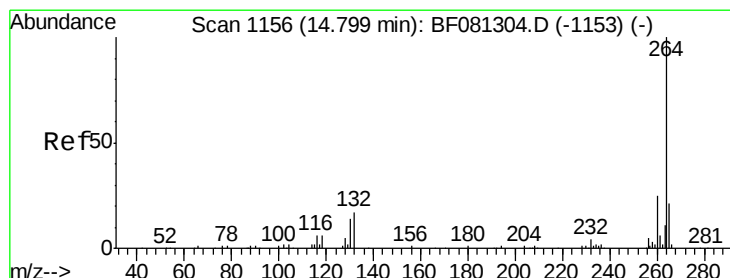
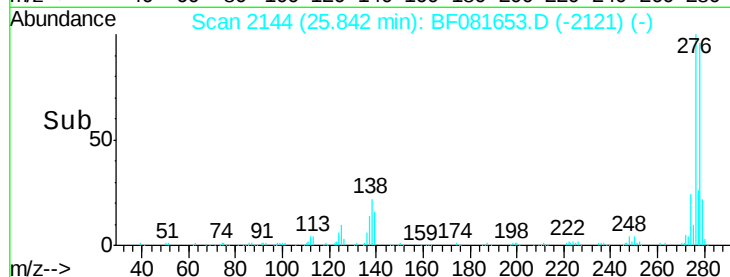
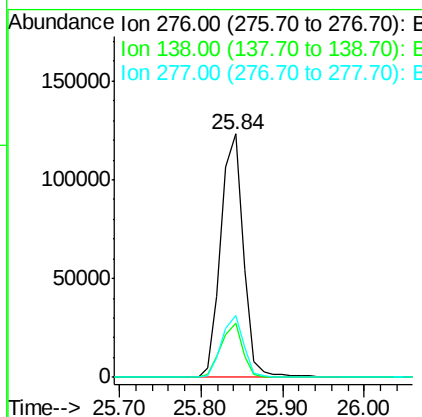
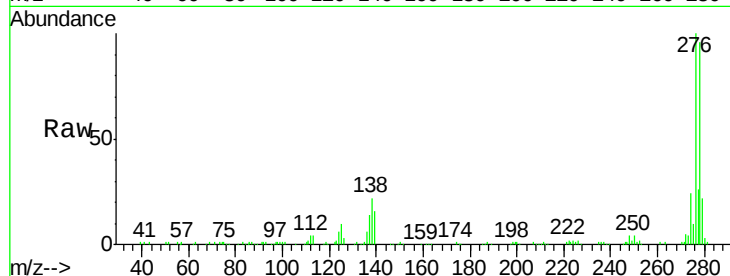




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.35 ng
 RT: 25.84 min Scan# 2144
 Delta R.T. -0.03 min
 Lab File: BF081653.D
 Acq: 16 Sep 2015 17:24

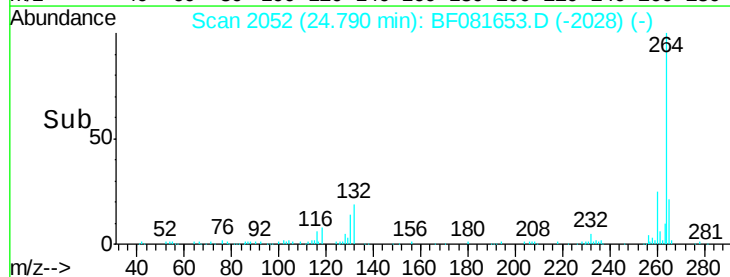
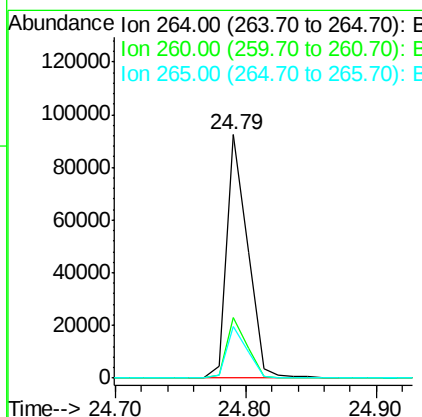
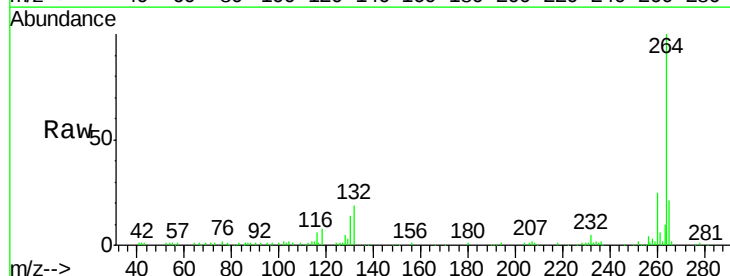
Instrument :
 BNA_F
 ClientSampleId :
 S12MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.4	25.7	38.5#
277	24.8	15.6	23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.79 min Scan# 2052
 Delta R.T. -0.02 min
 Lab File: BF081653.D
 Acq: 16 Sep 2015 17:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	16.7	25.1
265	21.4	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 44.92 ng m

RT: 24.46 min Scan# 2023

Delta R.T. -0.02 min

Lab File: BF081653.D

Acq: 16 Sep 2015 17:24

Instrument :

BNA_F

ClientSampleId :

S12MSD

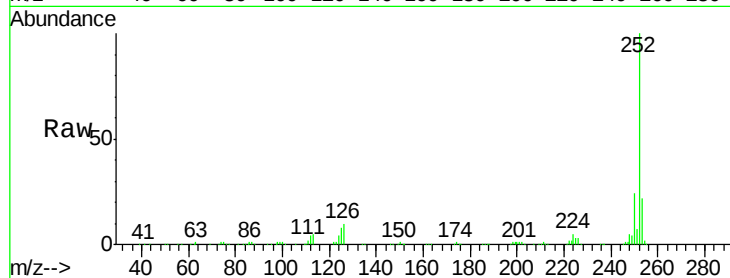
Tgt Ion:252 Resp: 330878

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

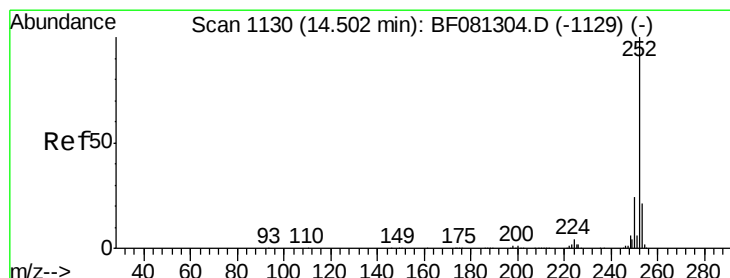
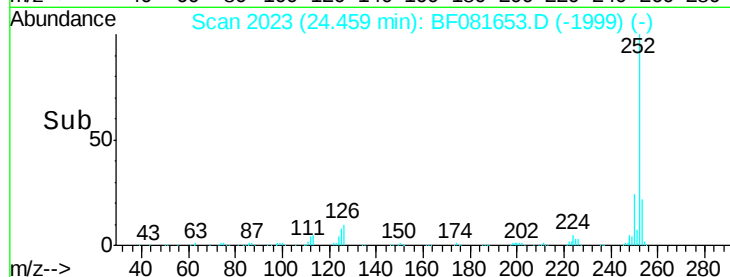
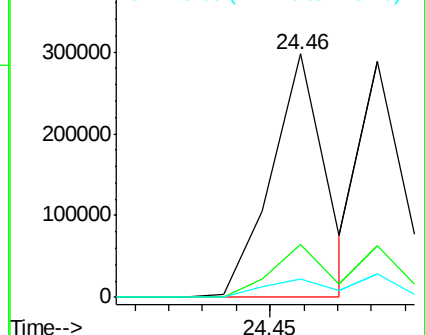
125 7.6 17.1 25.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.57 ng m

RT: 24.48 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF081653.D

Acq: 16 Sep 2015 17:24

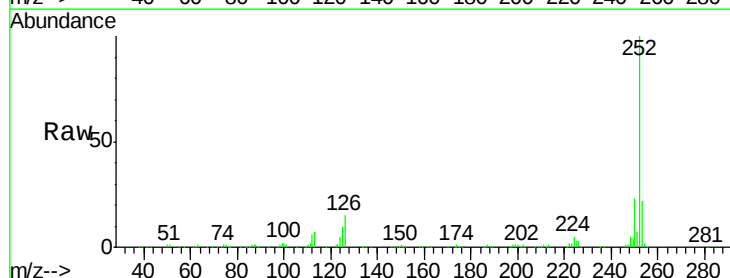
Tgt Ion:252 Resp: 247967

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.4

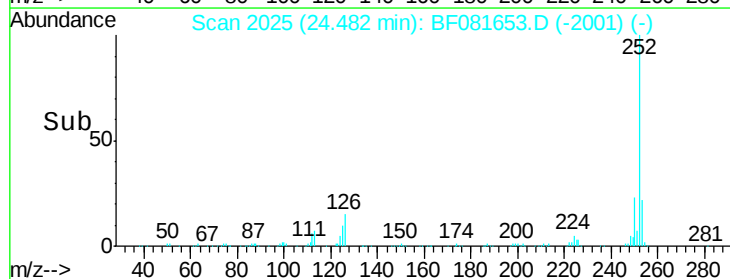
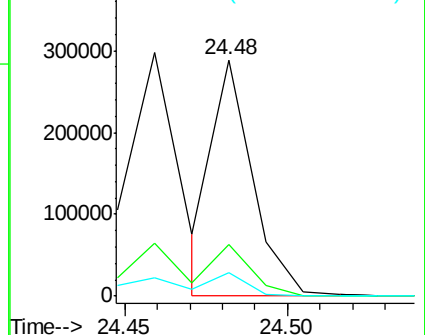
125 9.8 16.0 24.0#

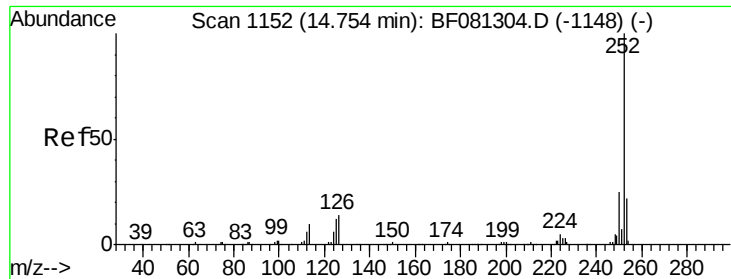


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.83 ng

RT: 24.74 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BF081653.D

Acq: 16 Sep 2015 17:24

Instrument :

BNA_F

ClientSampleId :

S12MSD

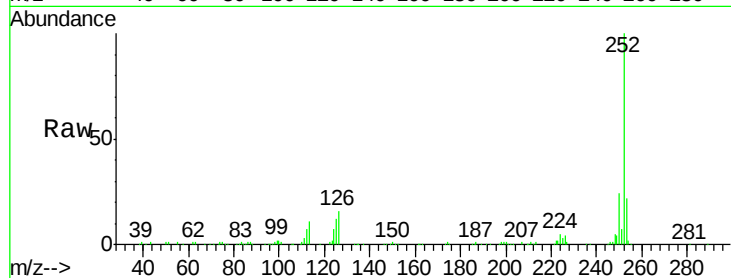
Tgt Ion:252 Resp: 261110

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

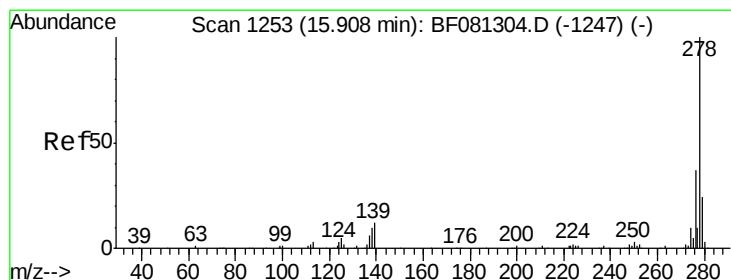
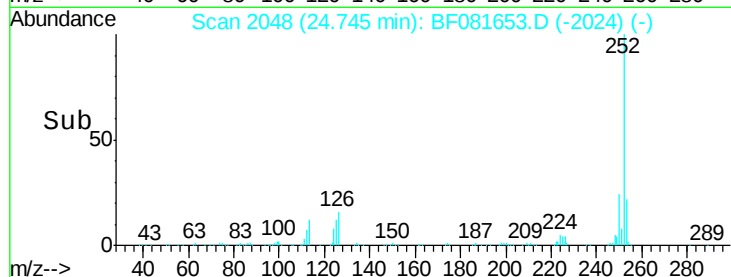
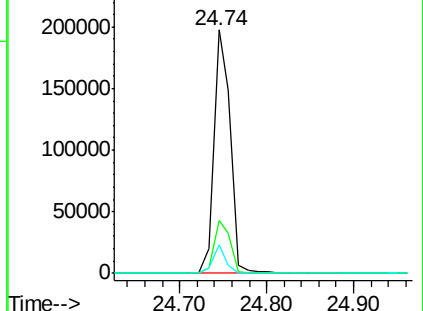
125 12.0 18.0 27.0#



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: 42.51 ng

RT: 25.85 min Scan# 2145

Delta R.T. -0.03 min

Lab File: BF081653.D

Acq: 16 Sep 2015 17:24

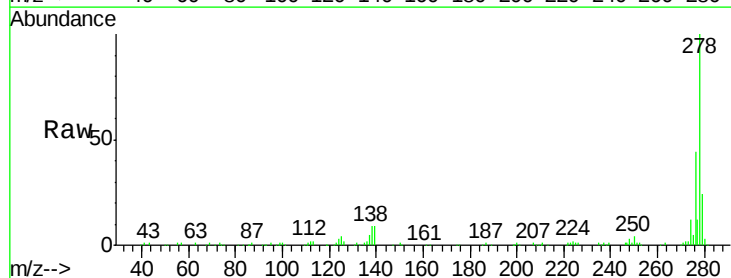
Tgt Ion:278 Resp: 205038

Ion Ratio Lower Upper

278 100

139 9.0 26.3 39.5#

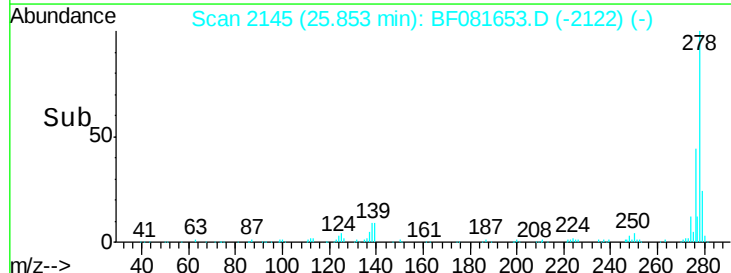
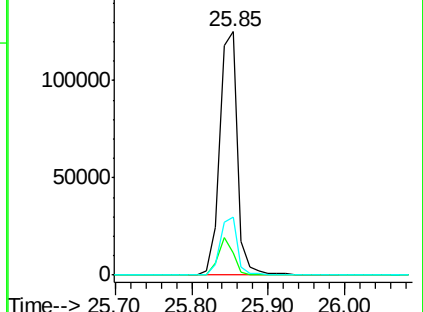
279 23.9 18.2 27.4

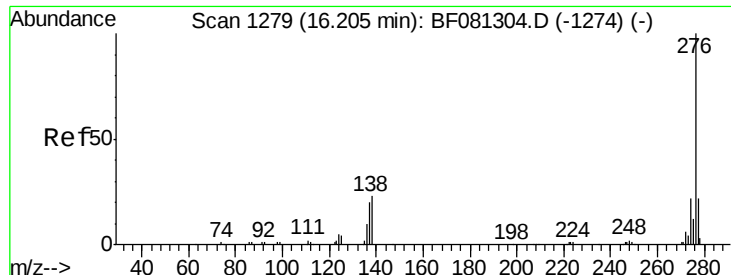


Abundance Ion 278.00 (277.70 to 278.70): E

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: 41.57 ng

RT: 26.14 min Scan# 2170

Delta R.T. -0.03 min

Lab File: BF081653.D

Acq: 16 Sep 2015 17:24

Instrument :

BNA_F

ClientSampleId :

S12MSD

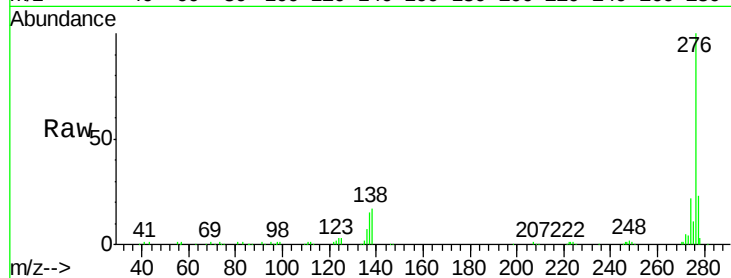
Tgt Ion: 276 Resp: 191359

Ion Ratio Lower Upper

276 100

277 23.0 17.8 26.6

138 17.3 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

