

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091615\
 Data File : BF081652.D
 Acq On : 16 Sep 2015 16:47
 Operator : UM/IZ
 Sample : G3647-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S12MS

Quant Time: Sep 17 05:22:21 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	46846	20.00	ng	-0.03
21) Naphthalene-d8	11.09	136	186888	20.00	ng	-0.03
38) Acenaphthene-d10	15.22	164	90587	20.00	ng	-0.03
63) Phenanthrene-d10	18.72	188	185437	20.00	ng	-0.03
75) Chrysene-d12	23.36	240	148579	20.00	ng	-0.02
86) Perylene-d12	24.79	264	107122	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	410312	135.89	ng	0.01
7) Phenol-d6	7.62	99	585208	146.42	ng	-0.02
23) Nitrobenzene-d5	9.50	82	378274	97.65	ng	-0.03
41) 2,4,6-Tribromophenol	17.13	330	125399	155.47	ng	-0.03
44) 2-Fluorobiphenyl	13.74	172	639737	90.50	ng	-0.03
78) Terphenyl-d14	22.09	244	639225	100.15	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.60	88	46058m	33.96	ng	
3) Pyridine	2.11	79	120558	32.24	ng	# 84
4) n-Nitrosodimethylamine	2.08	42	103592	49.87	ng	# 59
6) Aniline	7.50	93	149366	26.47	ng	# 84
8) 2-Chlorophenol	7.74	128	151326	45.48	ng	# 76
9) Benzaldehyde	7.21	77	66204	26.44	ng	# 76
10) Phenol	7.65	94	195396	42.16	ng	# 51
11) bis(2-Chloroethyl)ether	7.73	93	157681	47.15	ng	# 73
12) 1,3-Dichlorobenzene	8.05	146	150496	42.33	ng	# 90
13) 1,4-Dichlorobenzene	8.23	146	153008	42.27	ng	# 90
14) 1,2-Dichlorobenzene	8.55	146	148077	45.44	ng	# 90
15) Benzyl Alcohol	8.64	79	157269	47.97	ng	# 72
16) 2,2'-oxybis(1-Chloropropan	8.95	45	329486	51.40	ng	91
17) 2-Methylphenol	8.97	107	125402	47.24	ng	# 78
18) Hexachloroethane	9.28	117	62028	44.05	ng	91
19) n-Nitroso-di-n-propylamine	9.27	70	129903	47.76	ng	# 89
20) 3+4-Methylphenols	9.35	107	166932	46.64	ng	86
22) Acetophenone	9.18	105	232101	45.47	ng	# 73
24) Nitrobenzene	9.53	77	189667	47.15	ng	# 62
25) Isophorone	10.13	82	334885	46.48	ng	# 83
26) 2-Nitrophenol	10.26	139	80413	45.86	ng	# 30
27) 2,4-Dimethylphenol	10.54	122	133592	44.12	ng	# 75
28) bis(2-Chloroethoxy)methane	10.73	93	196817	47.29	ng	# 93
29) 2,4-Dichlorophenol	10.88	162	126383	48.13	ng	94
30) 1,2,4-Trichlorobenzene	11.00	180	130606	45.78	ng	98
31) Naphthalene	11.14	128	450463	45.20	ng	99
32) Benzoic acid	10.93	122	12640m	8.08	ng	
33) 4-Chloroaniline	11.37	127	59861	14.72	ng	# 80
34) Hexachlorobutadiene	11.50	225	82018	47.24	ng	99
35) Caprolactam	12.30	113	39867m	49.50	ng	
36) 4-Chloro-3-methylphenol	12.71	107	155063	52.76	ng	# 75
37) 2-Methylnaphthalene	12.79	142	302531	46.64	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	13.20	216	128646	44.91	ng	97
40) Hexachlorocyclopentadiene	13.18	237	131564	93.58	ng	95

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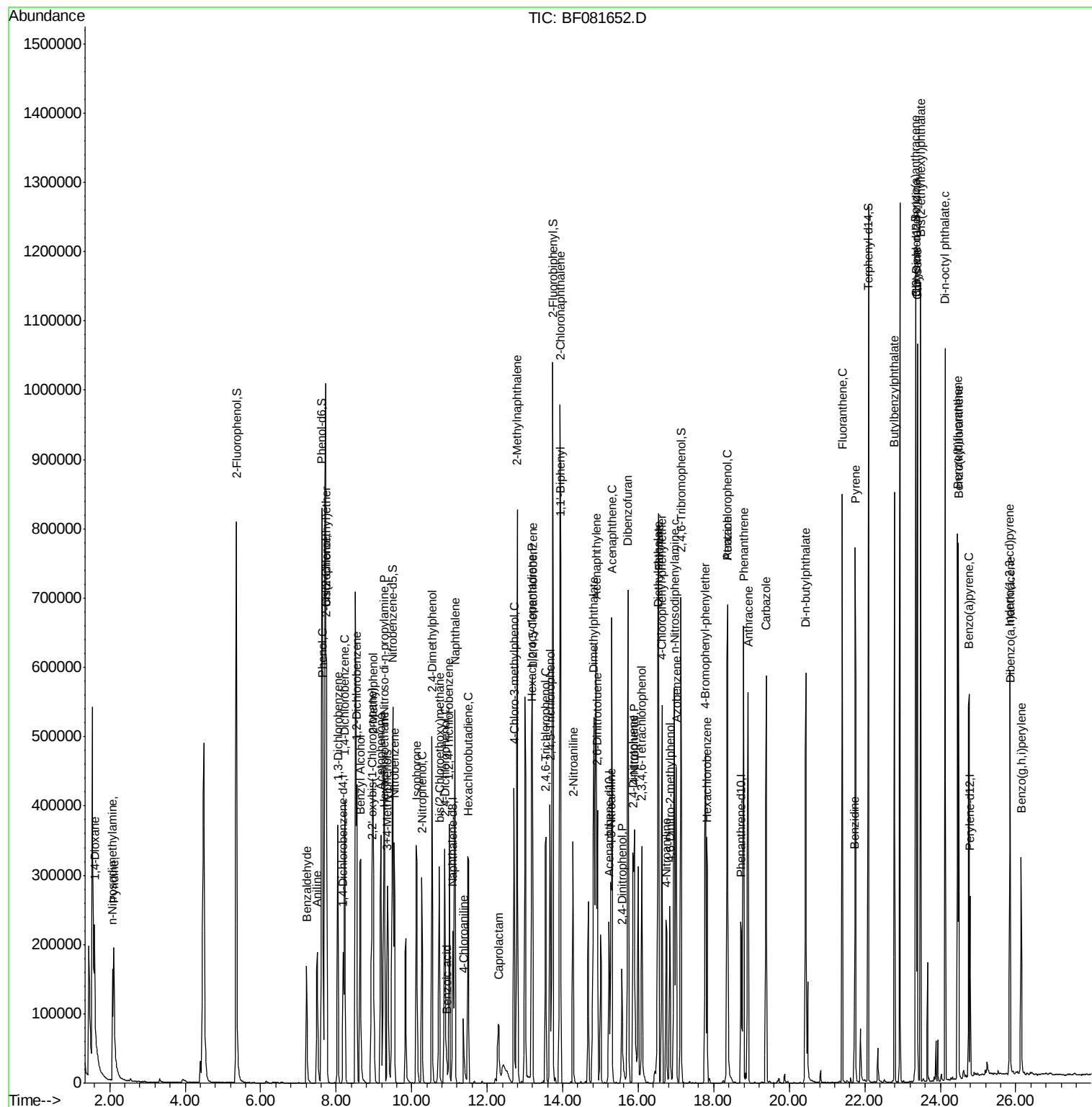
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.56	196	89151	45.09	ng	95
43) 2,4,5-Trichlorophenol	13.66	196	93990	46.60	ng #	89
45) 1,1'-Biphenyl	13.94	154	370389	44.44	ng	96
46) 2-Chloronaphthalene	13.93	162	272382	45.26	ng #	87
47) 2-Nitroaniline	14.28	65	120378	49.08	ng #	61
48) Acenaphthylene	14.88	152	477210	44.69	ng	97
49) Dimethylphthalate	14.82	163	455414	64.71	ng #	97
50) 2,6-Dinitrotoluene	14.92	165	69340	43.41	ng #	27
51) Acenaphthene	15.30	154	266230	43.83	ng	88
52) 3-Nitroaniline	15.27	138	49809	27.39	ng #	45
53) 2,4-Dinitrophenol	15.57	184	42106	54.02	ng #	31
54) Dibenzofuran	15.73	168	417767	47.10	ng #	84
55) 4-Nitrophenol	15.90	139	104759	91.69	ng #	3
56) 2,4-Dinitrotoluene	15.86	165	97819	48.09	ng #	48
57) Fluorene	16.54	166	332821	49.45	ng	96
58) 2,3,4,6-Tetrachlorophenol	16.09	232	78416	50.92	ng	91
59) Diethylphthalate	16.52	149	371926	50.24	ng	95
60) 4-Chlorophenyl-phenylether	16.63	204	157213	50.12	ng #	83
61) 4-Nitroaniline	16.76	138	73103	39.79	ng #	27
62) Azobenzene	17.01	77	414621	50.37	ng	85
64) 4,6-Dinitro-2-methylphenol	16.84	198	48768	47.02	ng #	79
65) n-Nitrosodiphenylamine	16.96	169	290739	43.09	ng	93
66) 4-Bromophenyl-phenylether	17.77	248	87601	46.72	ng #	91
67) Hexachlorobenzene	17.83	284	89594	45.70	ng #	90
68) Atrazine	18.37	200	104352	53.44	ng #	75
69) Pentachlorophenol	18.37	266	83262	86.45	ng	99
70) Phenanthrene	18.79	178	467130	45.31	ng	97
71) Anthracene	18.92	178	472481	44.61	ng	98
72) Carbazole	19.38	167	446619	44.94	ng	95
73) Di-n-butylphthalate	20.44	149	579964	49.42	ng #	97
74) Fluoranthene	21.41	202	515551	46.20	ng	88
76) Benzidine	21.72	184	169076	26.51	ng	98
77) Pyrene	21.75	202	523925	47.60	ng	98
79) Butylbenzylphthalate	22.78	149	231748	48.42	ng #	69
80) Benzo(a)anthracene	23.35	228	433529	45.82	ng	98
81) 3,3'-Dichlorobenzidine	23.36	252	81474	25.53	ng #	93
82) Chrysene	23.40	228	398746	47.01	ng	95
83) Bis(2-ethylhexyl)phthalate	23.48	149	342999	54.30	ng #	91
84) Di-n-octyl phthalate	24.13	149	533540	51.30	ng	96
85) Indeno(1,2,3-cd)pyrene	25.84	276	278902	44.82	ng #	84
87) Benzo(b)fluoranthene	24.46	252	360848m	47.18	ng	
88) Benzo(k)fluoranthene	24.48	252	304702m	48.02	ng	
89) Benzo(a)pyrene	24.76	252	334620	51.63	ng #	80
90) Dibenzo(a,h)anthracene	25.85	278	235561	47.04	ng #	76
91) Benzo(g,h,i)perylene	26.14	276	215215	45.03	ng #	75

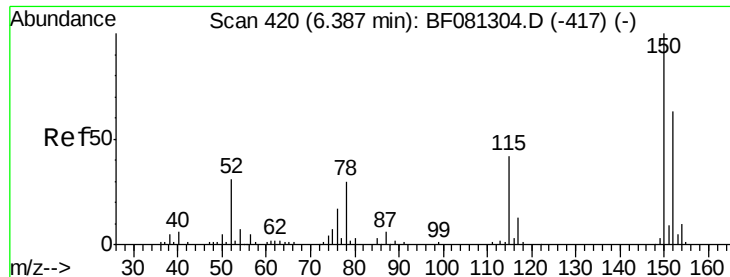
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 599

Delta R.T. -0.03 min

Lab File: BF081652.D

Acq: 16 Sep 2015 16:47

Instrument :

BNA_F

ClientSampleId :

S12MS

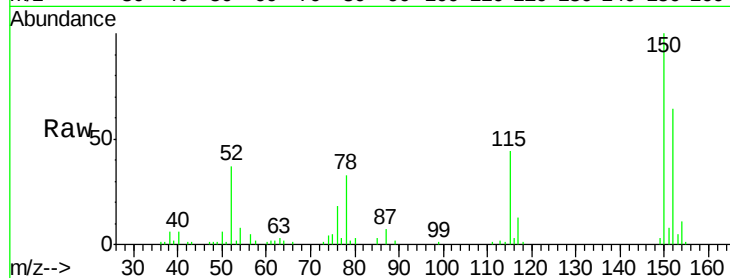
Tgt Ion:152 Resp: 46846

Ion Ratio Lower Upper

152 100

150 156.9 124.7 187.1

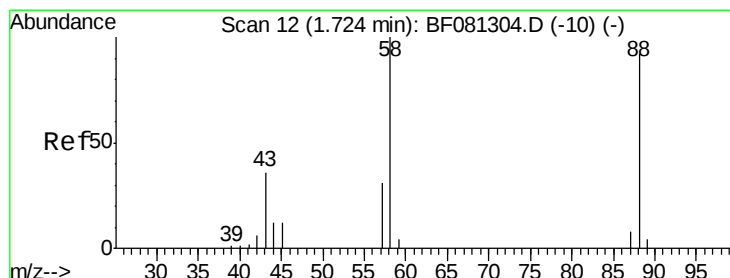
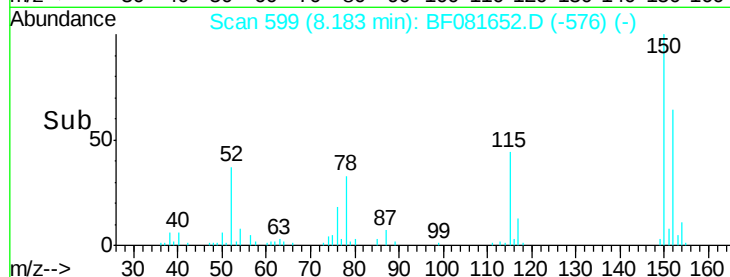
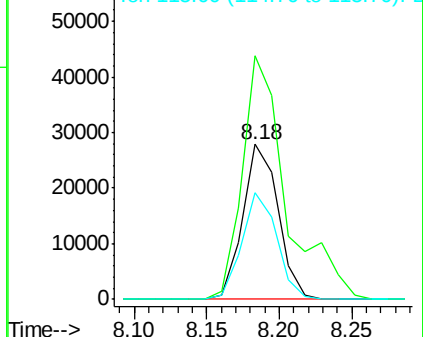
115 68.6 39.0 58.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.96 ng m

RT: 1.60 min Scan# 23

Delta R.T. 0.03 min

Lab File: BF081652.D

Acq: 16 Sep 2015 16:47

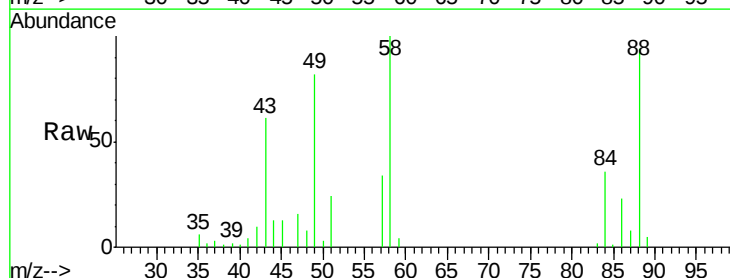
Tgt Ion: 88 Resp: 46058

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

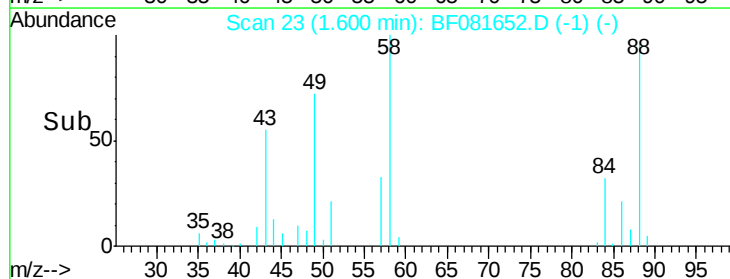
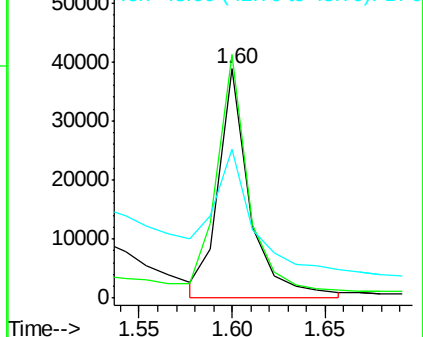
43 0.0 26.6 40.0#

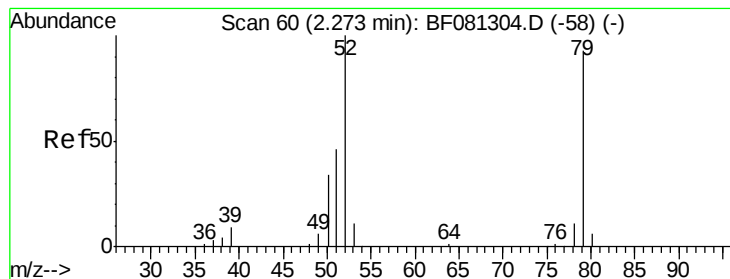


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 32.24 ng

RT: 2.11 min Scan# 68

Delta R.T. 0.03 min

Lab File: BF081652.D

Acq: 16 Sep 2015 16:47

Instrument :

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ClientSampleId :

S12MS

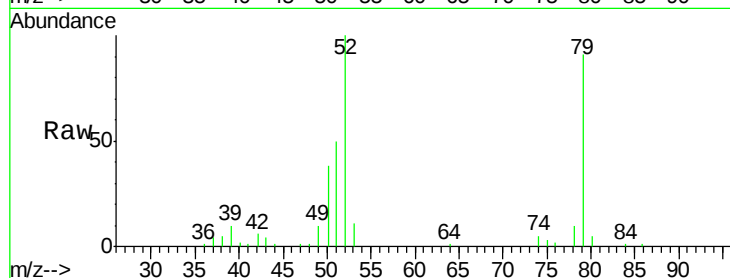
Tgt Ion: 79 Resp: 120558

Ion Ratio Lower Upper

79 100

52 109.4 76.8 115.2

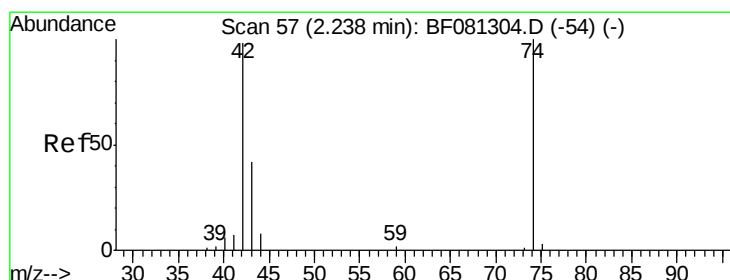
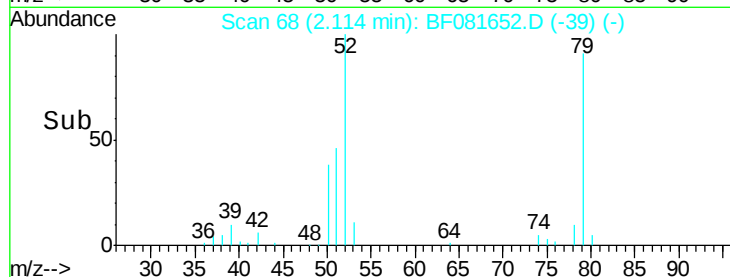
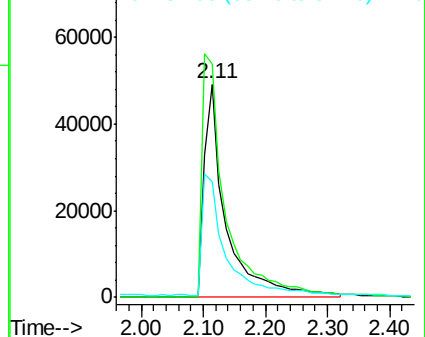
51 54.2 32.2 48.4#



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: 49.87 ng

RT: 2.08 min Scan# 65

Delta R.T. 0.02 min

Lab File: BF081652.D

Acq: 16 Sep 2015 16:47

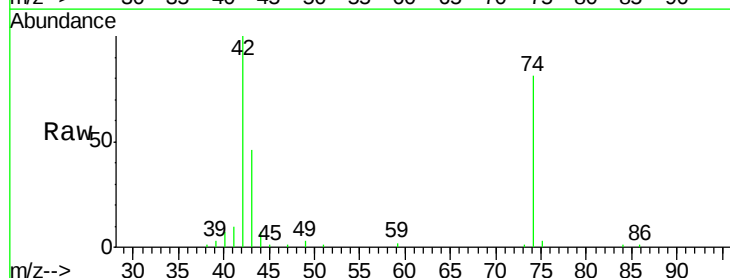
Tgt Ion: 42 Resp: 103592

Ion Ratio Lower Upper

42 100

74 80.7 105.0 157.6#

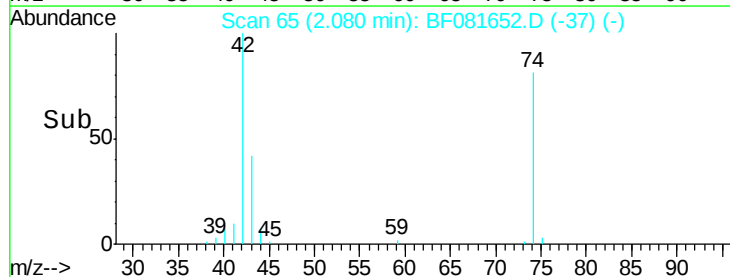
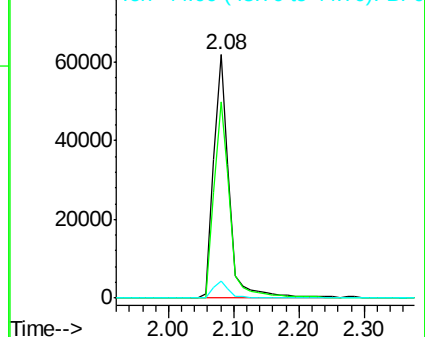
44 7.0 6.6 10.0



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: 135.89 ng

RT: 5.36 min Scan# 352

Delta R.T. 0.01 min

Lab File: BF081652.D

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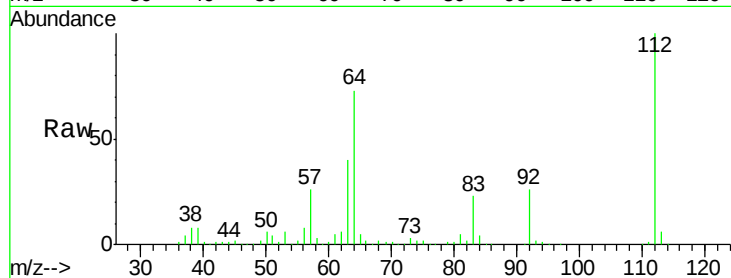
Tgt Ion:112 Resp: 410312

Ion Ratio Lower Upper

112 100

64 72.7 39.7 59.5#

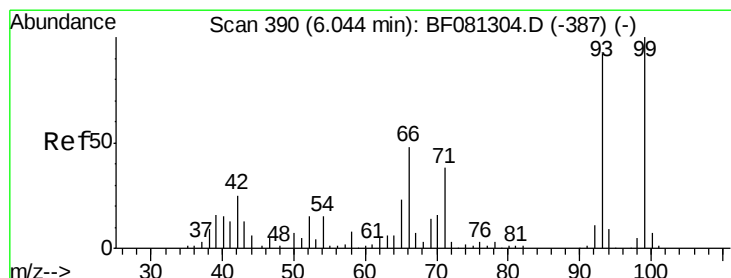
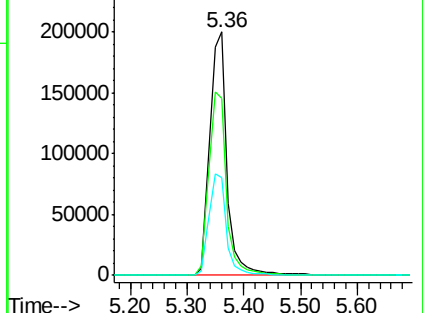
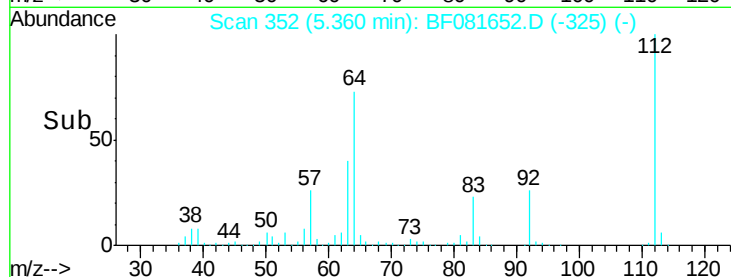
63 40.1 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 26.47 ng

RT: 7.50 min Scan# 539

Delta R.T. -0.02 min

Lab File: BF081652.D

Acq: 16 Sep 2015 16:47

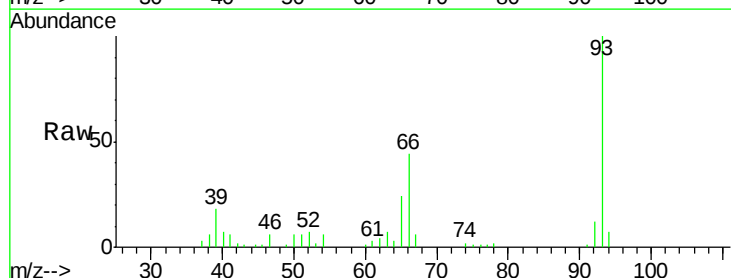
Tgt Ion: 93 Resp: 149366

Ion Ratio Lower Upper

93 100

66 44.4 27.2 40.8#

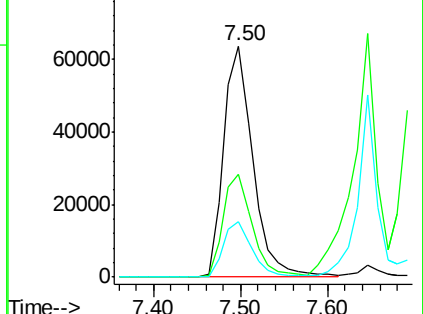
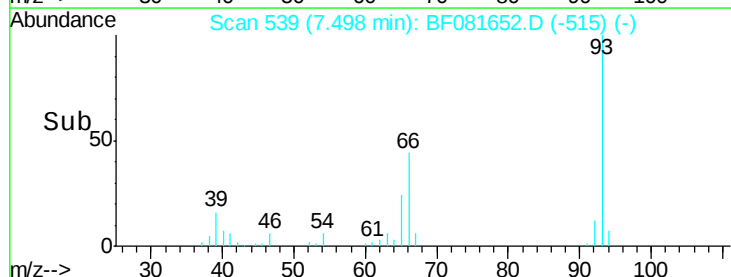
65 23.7 14.7 22.1#

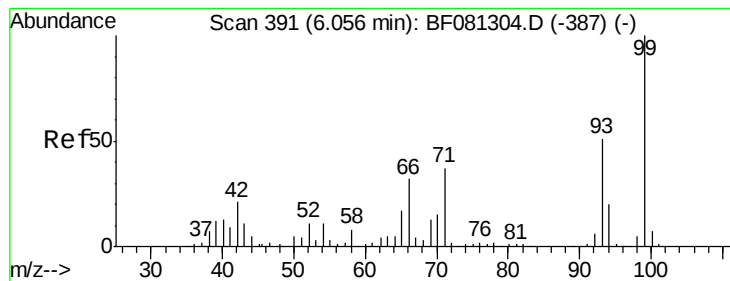


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 146.42 ng

RT: 7.62 min Scan# 550

Delta R.T. -0.02 min

Lab File: BF081652.D

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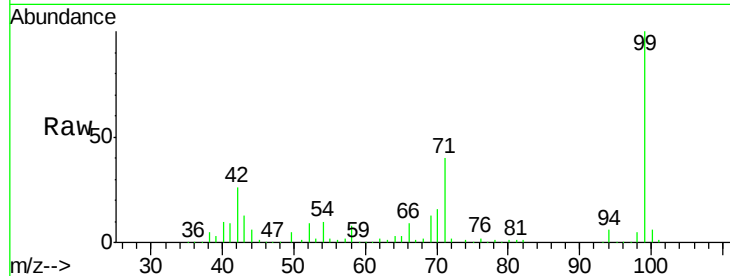
Tgt Ion: 99 Resp: 585208

Ion Ratio Lower Upper

99 100

42 25.7 13.7 20.5#

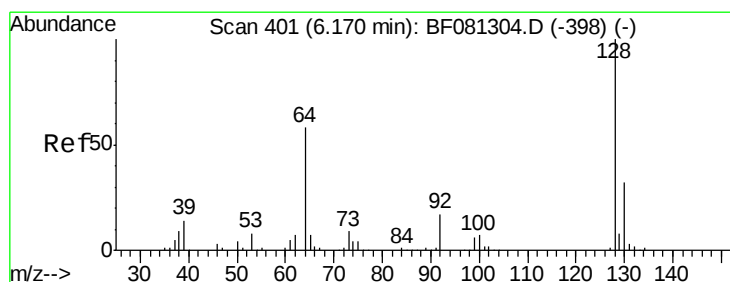
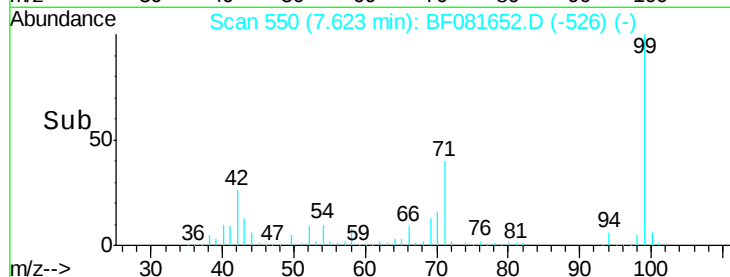
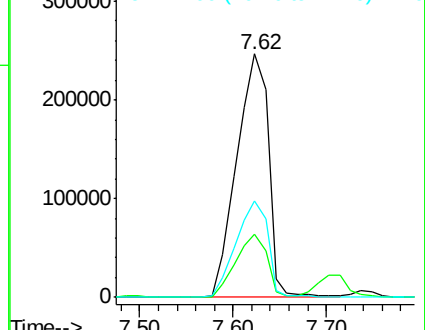
71 39.8 14.2 21.2#



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: 45.48 ng

RT: 7.74 min Scan# 560

Delta R.T. -0.03 min

Lab File: BF081652.D

Acq: 16 Sep 2015 16:47

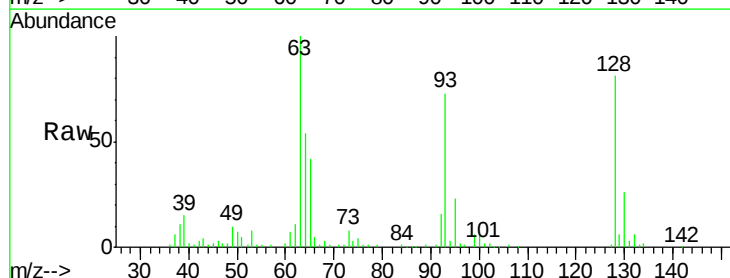
Tgt Ion: 128 Resp: 151326

Ion Ratio Lower Upper

128 100

130 32.2 12.2 52.2

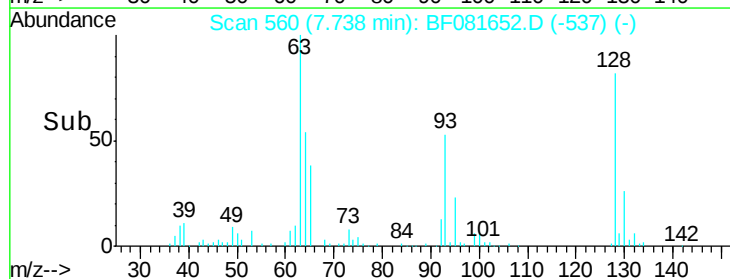
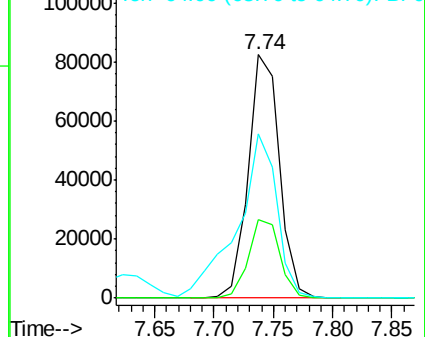
64 67.4 20.5 60.5#

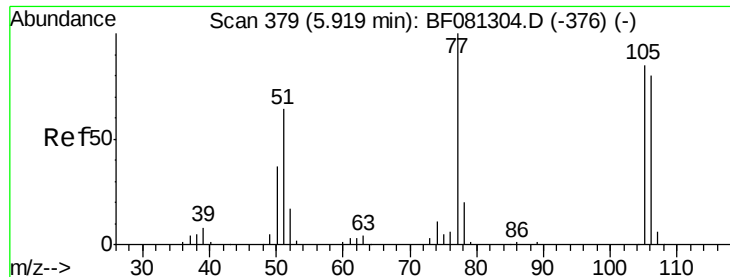


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 26.44 ng

RT: 7.21 min Scan# 514

Delta R.T. -0.02 min

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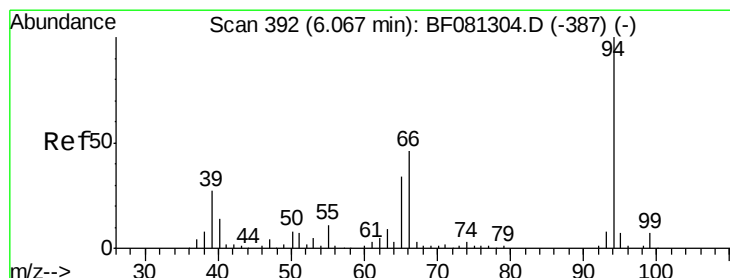
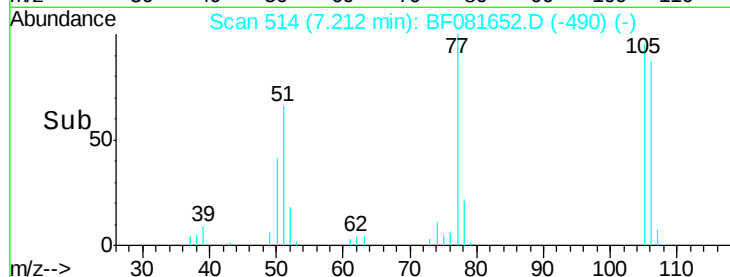
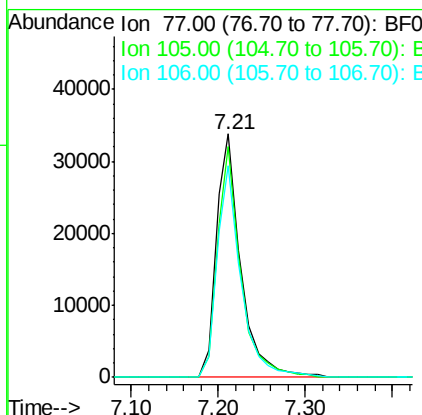
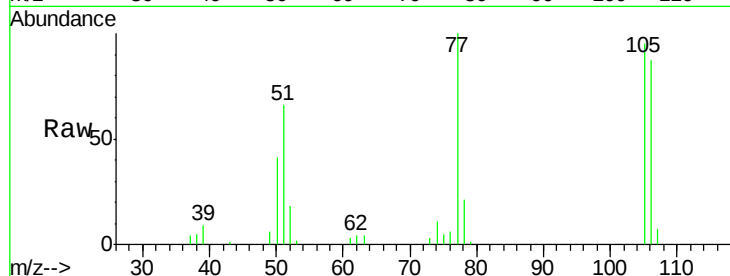
Tgt Ion: 77 Resp: 66204

Ion Ratio Lower Upper

77 100

105 94.9 91.6 131.6

106 86.8 102.6 142.6#



#10

Phenol

Concen: 42.16 ng

RT: 7.65 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF081652.D

Acq: 16 Sep 2015 16:47

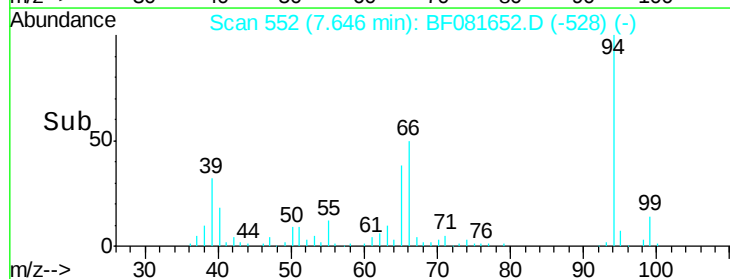
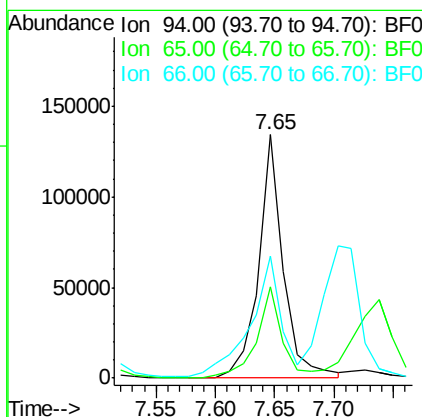
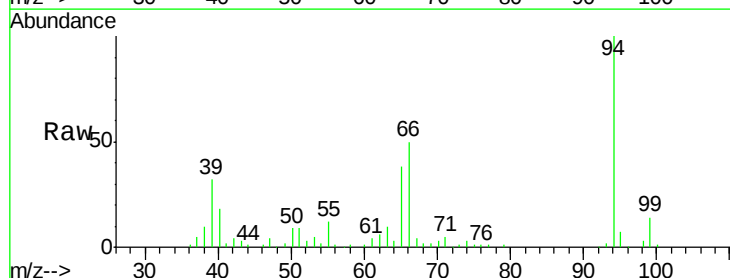
Tgt Ion: 94 Resp: 195396

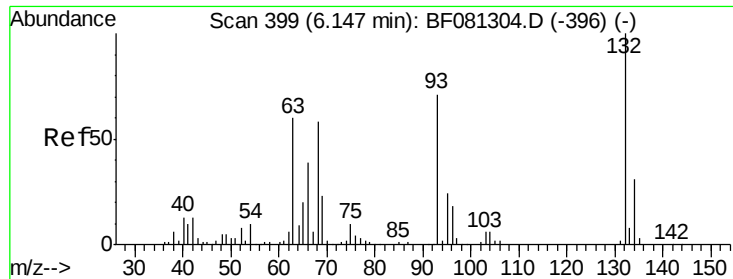
Ion Ratio Lower Upper

94 100

65 37.5 0.7 40.7

66 50.0 0.8 40.8#

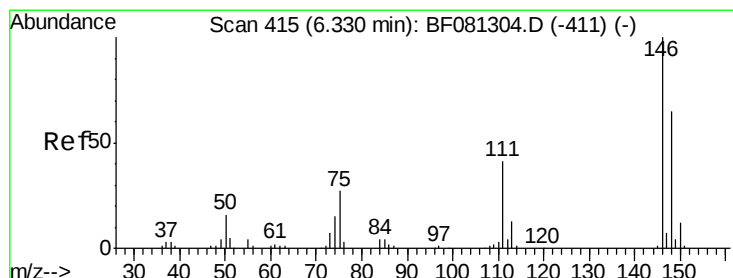
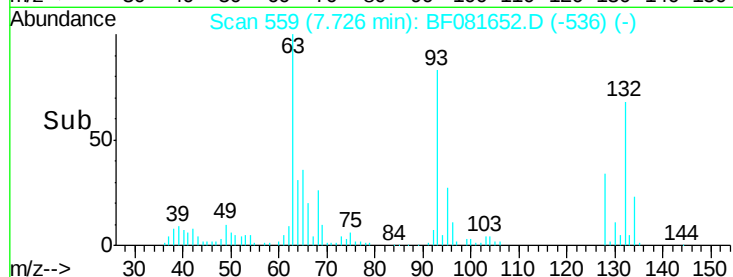
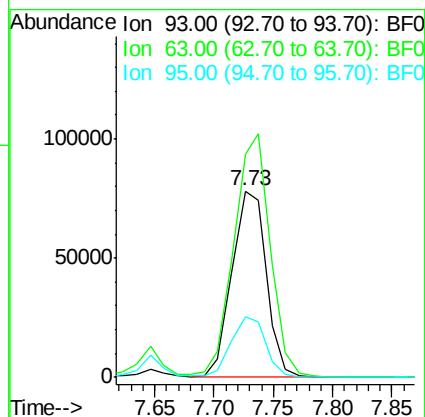
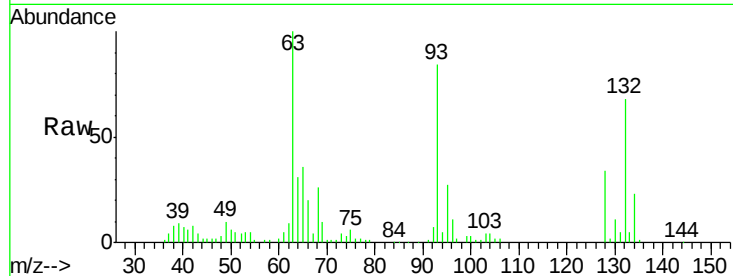




#11
bis(2-Chloroethyl)ether
Concen: 47.15 ng
RT: 7.73 min Scan# 559
Delta R.T. -0.03 min
Lab File: BF081652.D
Acq: 16 Sep 2015 16:47

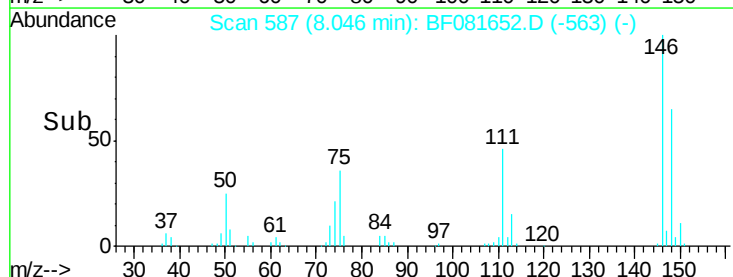
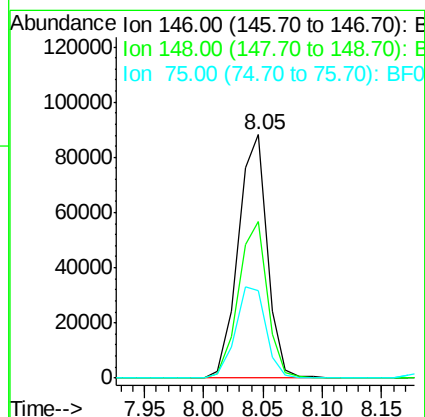
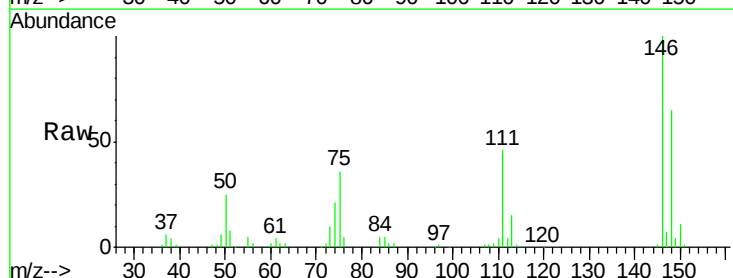
Instrument :
BNA_F
ClientSampled :
S12MS

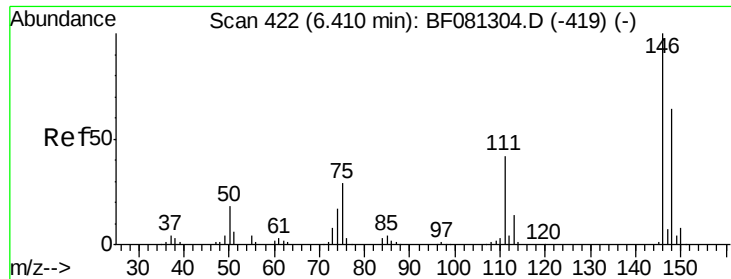
Tgt Ion: 93 Resp: 157681
Ion Ratio Lower Upper
93 100
63 119.7 65.6 105.6#
95 32.7 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 42.33 ng
RT: 8.05 min Scan# 587
Delta R.T. -0.02 min
Lab File: BF081652.D
Acq: 16 Sep 2015 16:47

Tgt Ion: 146 Resp: 150496
Ion Ratio Lower Upper
146 100
148 64.5 51.0 76.4
75 36.0 15.0 22.6#

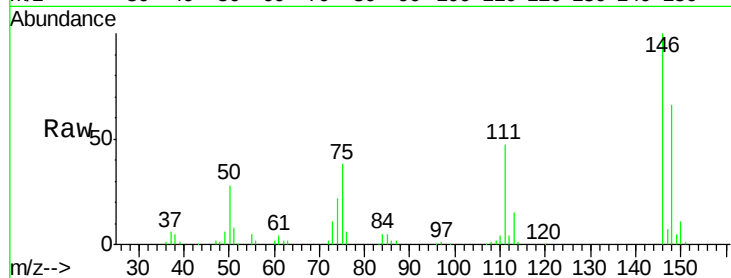




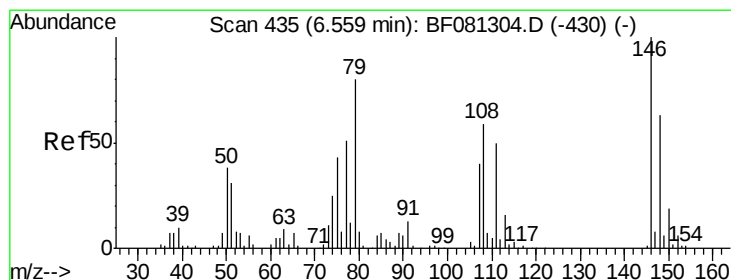
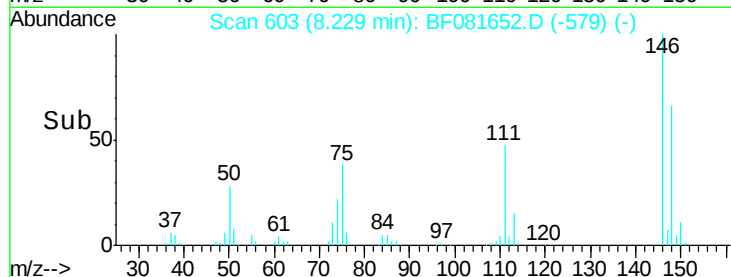
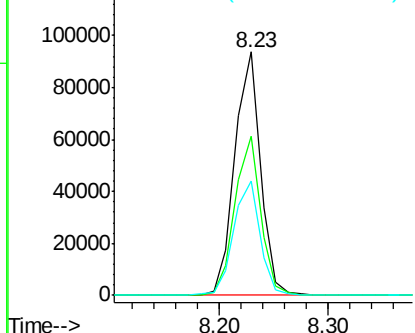
#13
 1,4-Dichlorobenzene
 Concen: 42.27 ng
 RT: 8.23 min Scan# 603
 Delta R.T. -0.02 min
 Lab File: BF081652.D
 Acq: 16 Sep 2015 16:47

Instrument :
 BNA_F
 ClientSampleId :
 S12MS

Tgt Ion:146 Resp: 153008
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.8 77.6
 111 47.2 24.9 37.3#

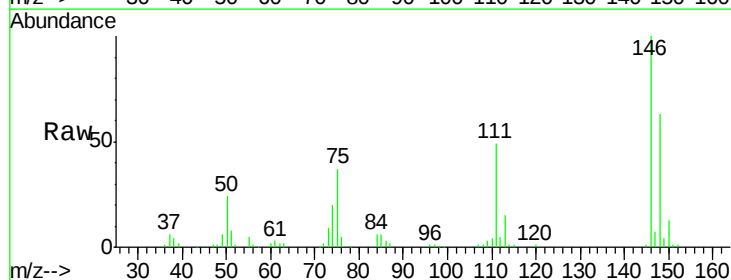


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

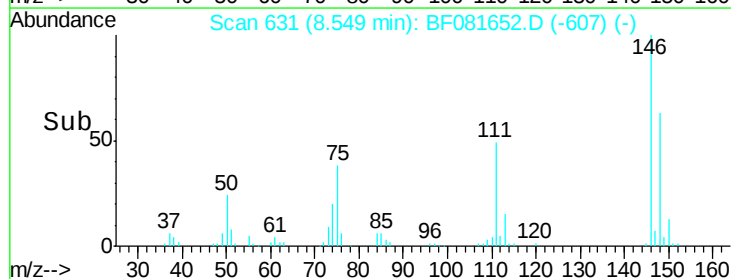
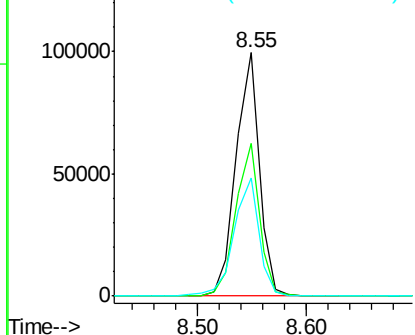


#14
 1,2-Dichlorobenzene
 Concen: 45.44 ng
 RT: 8.55 min Scan# 631
 Delta R.T. -0.02 min
 Lab File: BF081652.D
 Acq: 16 Sep 2015 16:47

Tgt Ion:146 Resp: 148077
 Ion Ratio Lower Upper
 146 100
 148 63.0 52.7 79.1
 111 48.5 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

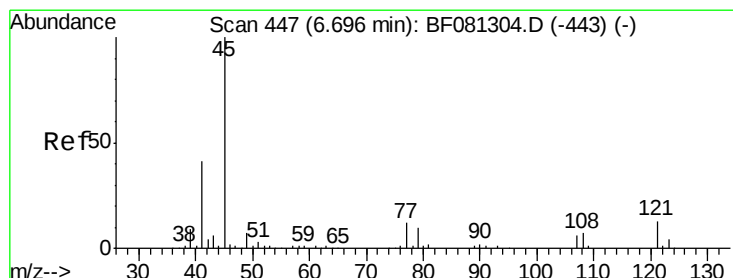
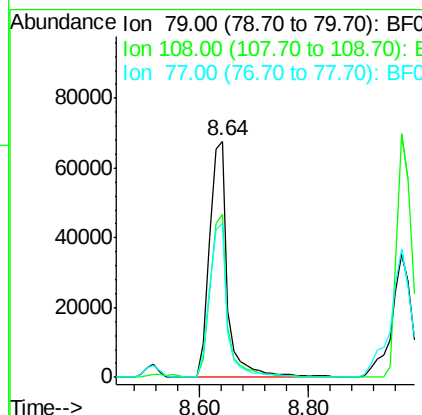
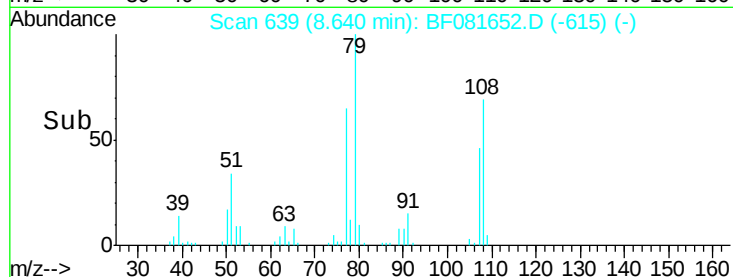
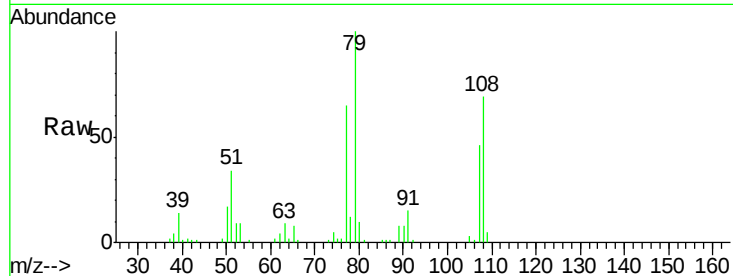




#15
Benzyl Alcohol
Concen: 47.97 ng
RT: 8.64 min Scan# 639
Delta R.T. -0.02 min
Lab File: BF081652.D
Acq: 16 Sep 2015 16:47

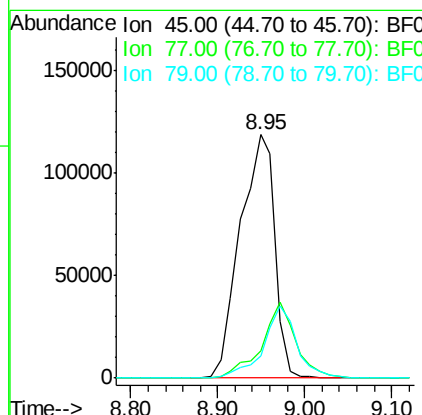
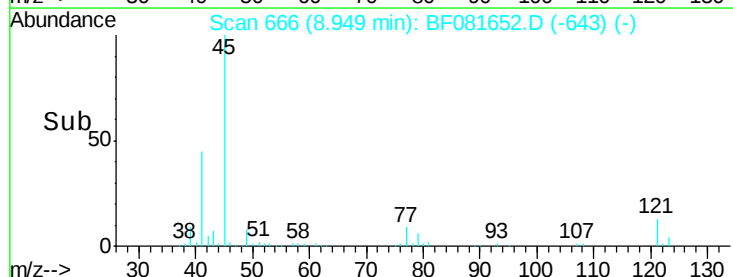
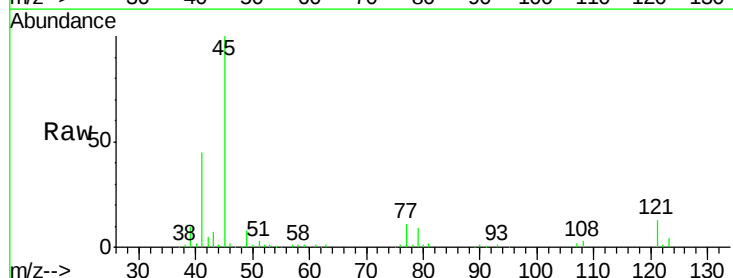
Instrument :
BNA_F
ClientSampleId :
S12MS

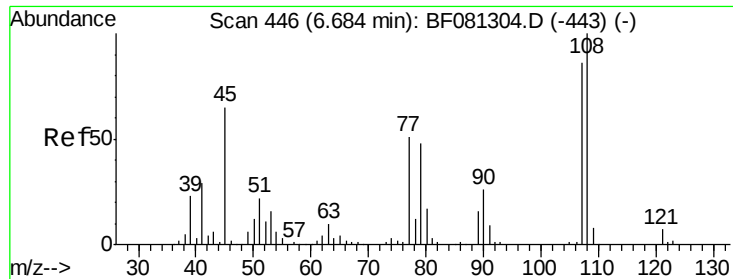
Tgt Ion: 79 Resp: 157269
Ion Ratio Lower Upper
79 100
108 69.3 88.6 132.8#
77 65.0 47.0 70.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.40 ng
RT: 8.95 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF081652.D
Acq: 16 Sep 2015 16:47

Tgt Ion: 45 Resp: 329486
Ion Ratio Lower Upper
45 100
77 11.0 0.0 28.1
79 9.0 0.0 26.0

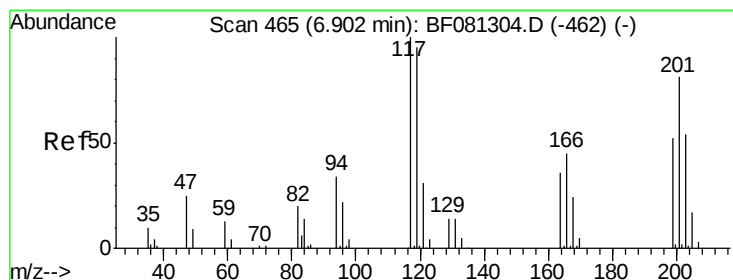
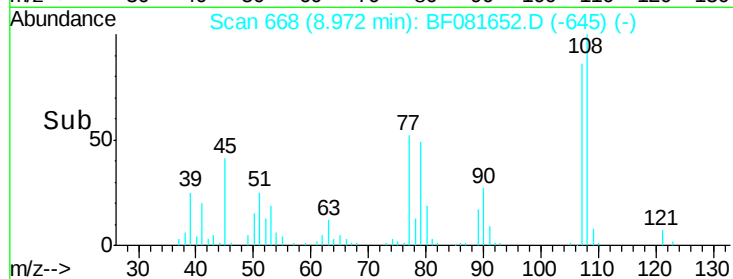
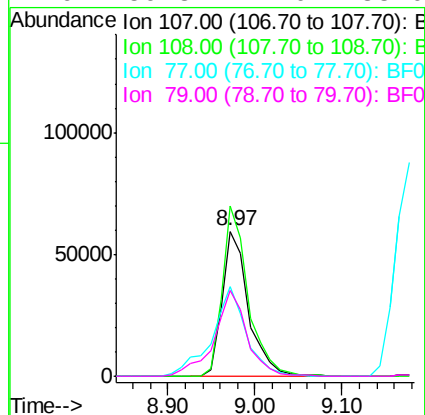
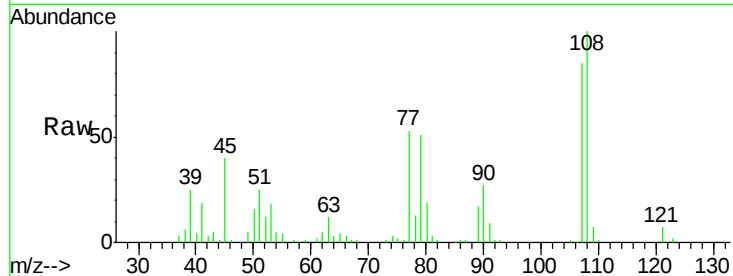




#17
2-Methylphenol
Concen: 47.24 ng
RT: 8.97 min Scan# 668
Delta R.T. -0.03 min
Lab File: BF081652.D
Acq: 16 Sep 2015 16:47

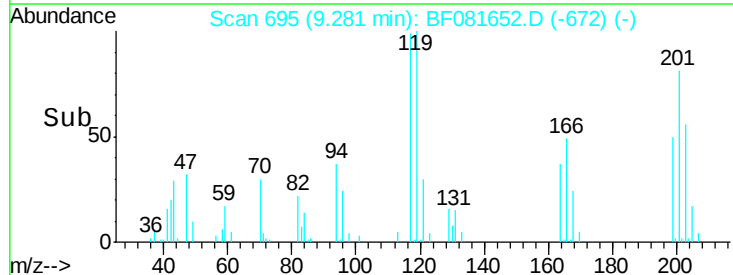
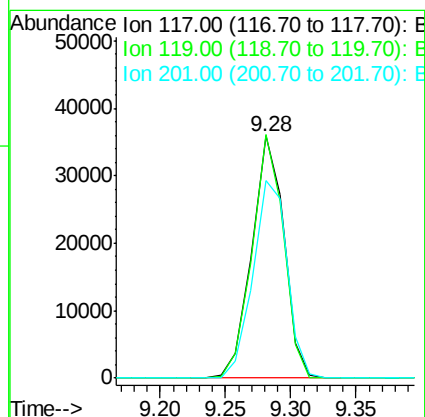
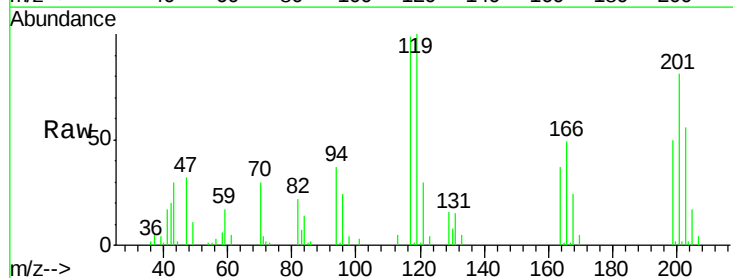
Instrument :
BNA_F
ClientSampleId :
S12MS

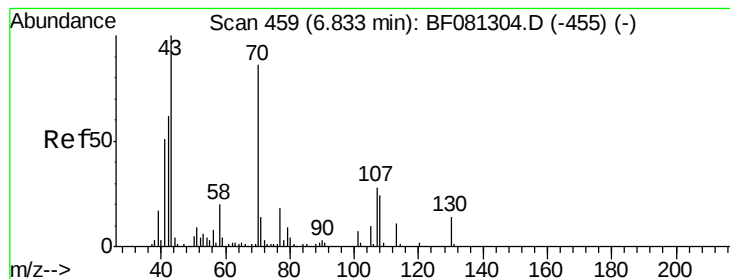
Tgt Ion:107 Resp: 125402
Ion Ratio Lower Upper
107 100
108 117.2 96.6 145.0
77 62.0 23.3 34.9#
79 59.3 22.0 33.0#



#18
Hexachloroethane
Concen: 44.05 ng
RT: 9.28 min Scan# 695
Delta R.T. -0.03 min
Lab File: BF081652.D
Acq: 16 Sep 2015 16:47

Tgt Ion:117 Resp: 62028
Ion Ratio Lower Upper
117 100
119 100.5 83.8 125.6
201 81.4 55.1 82.7





#19

n-Nitroso-di-n-propylamine

Concen: 47.76 ng

RT: 9.27 min Scan# 694

Delta R.T. -0.02 min

Lab File: BF081652.D

Acq: 16 Sep 2015 16:47

Instrument :

BNA_F

ClientSampleId :

S12MS

Tgt Ion: 70 Resp: 129903

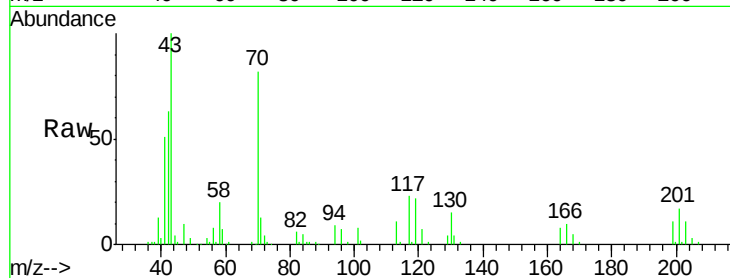
Ion Ratio Lower Upper

70 100

42 76.0 63.8 95.6

101 9.4 9.2 13.8

130 18.6 27.3 40.9#



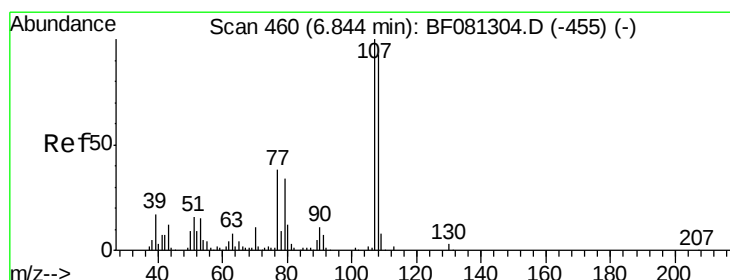
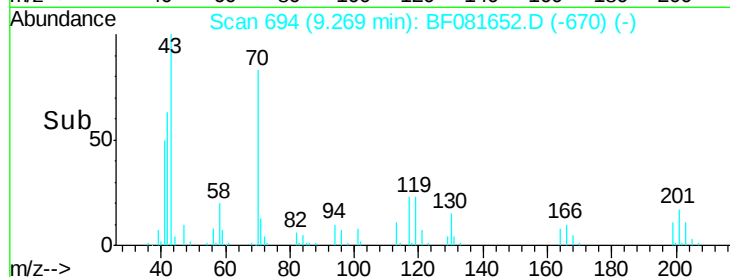
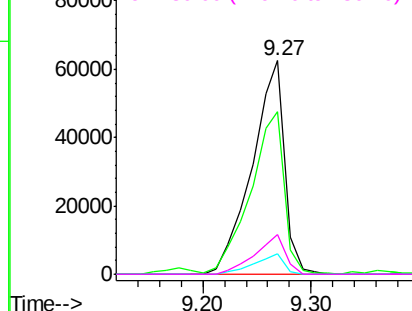
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 46.64 ng

RT: 9.35 min Scan# 701

Delta R.T. -0.03 min

Lab File: BF081652.D

Acq: 16 Sep 2015 16:47

Tgt Ion: 107 Resp: 166932

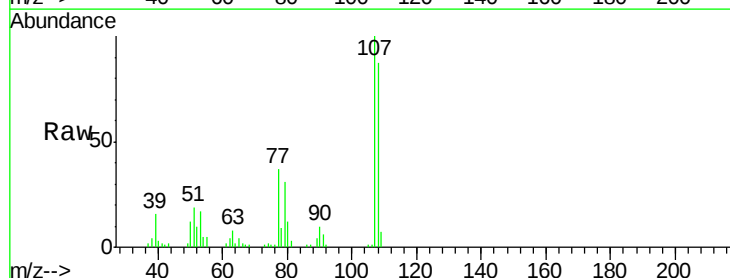
Ion Ratio Lower Upper

107 100

108 87.2 74.6 114.6

77 37.0 0.7 40.7

79 30.6 0.0 38.9



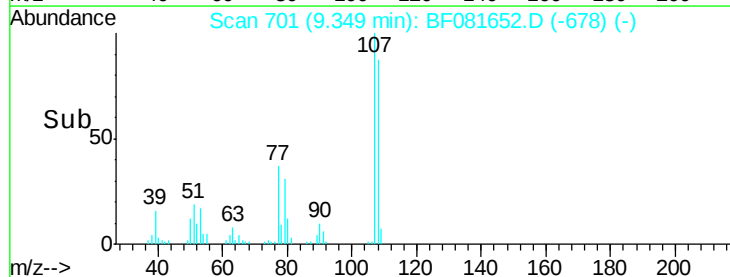
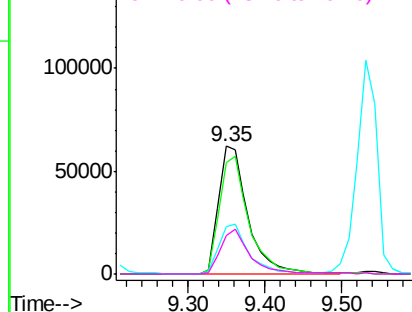
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

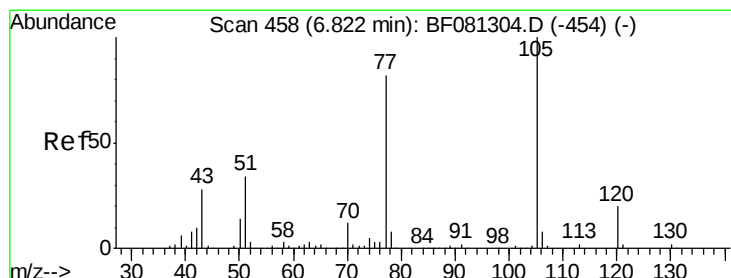
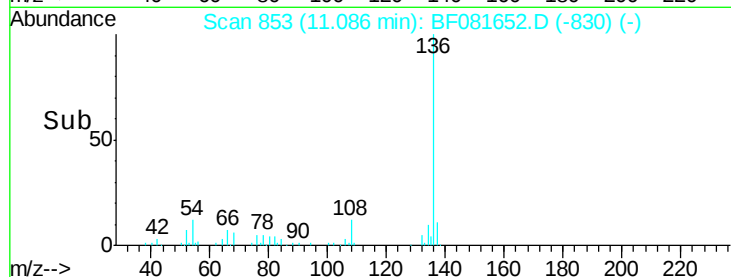
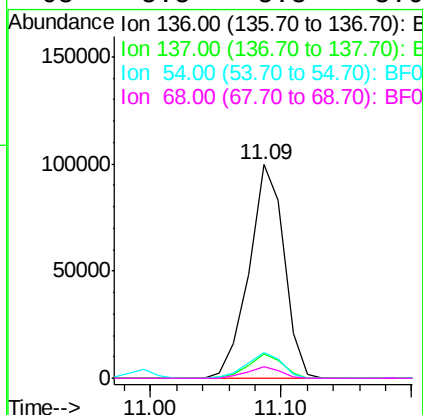
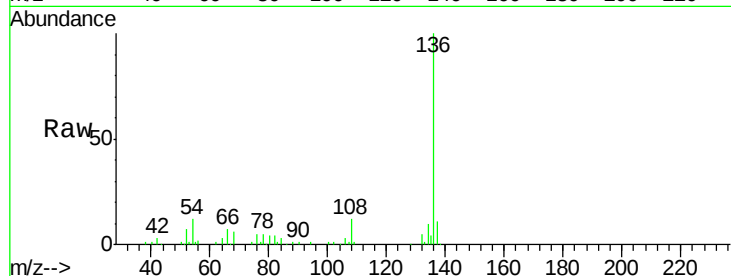




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 853
Delta R.T. -0.03 min
Lab File: BF081652.D
Acq: 16 Sep 2015 16:47

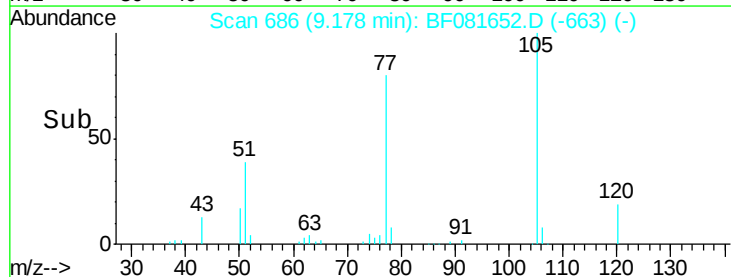
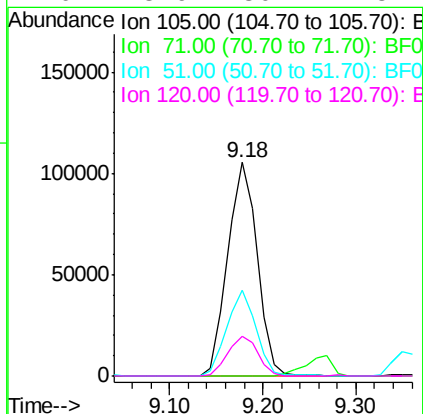
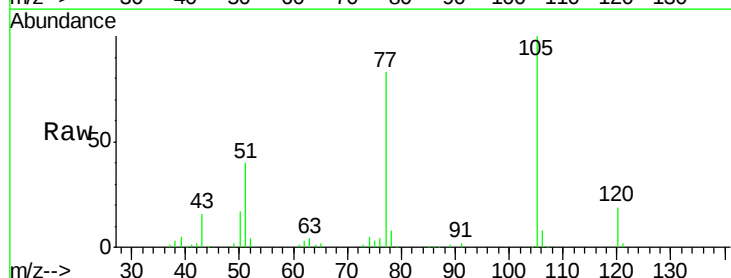
Instrument :
BNA_F
ClientSampleId :
S12MS

Tgt Ion:	136	Resp:	186888
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.6
54	11.8	8.2	12.2
68	5.5	5.8	8.6#



#22
Acetophenone
Concen: 45.47 ng
RT: 9.18 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF081652.D
Acq: 16 Sep 2015 16:47

Tgt Ion:	105	Resp:	232101
Ion Ratio	Lower	Upper	
105	100		
71	0.0	4.7	7.1#
51	40.2	22.0	33.0#
120	18.9	30.1	45.1#

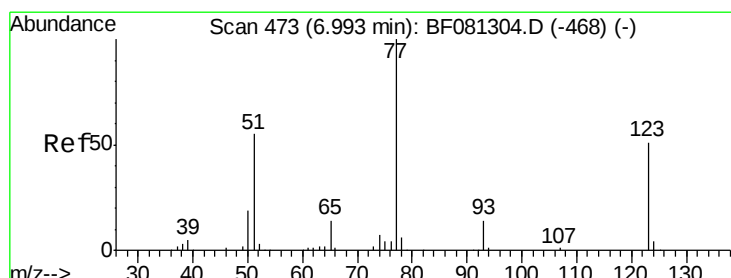
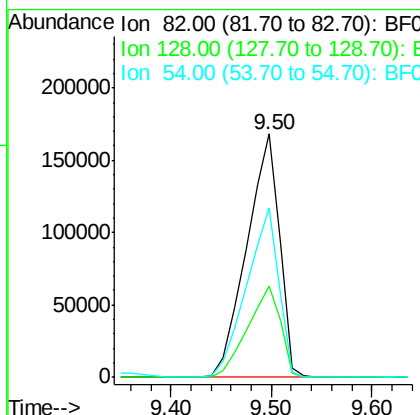
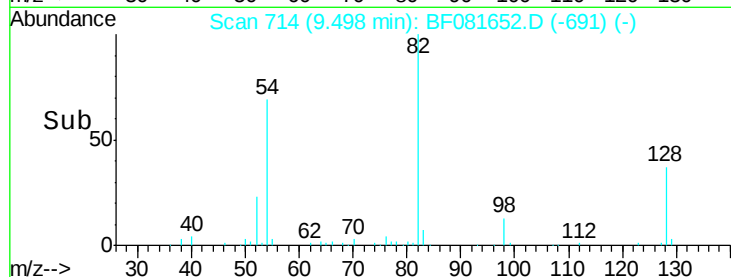
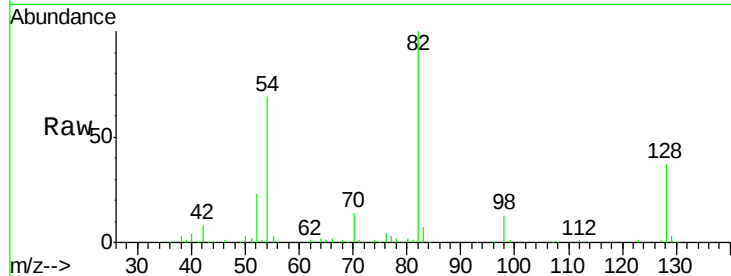




#23
 Nitrobenzene-d5
 Concen: 97.65 ng
 RT: 9.50 min Scan# 714
 Delta R.T. -0.03 min
 Lab File: BF081652.D
 Acq: 16 Sep 2015 16:47

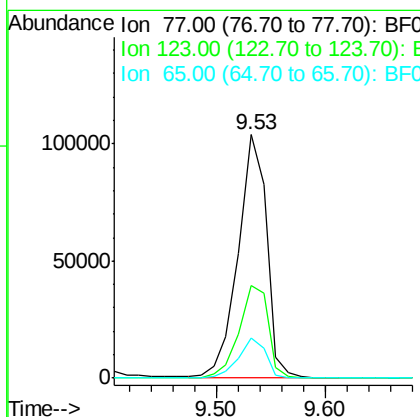
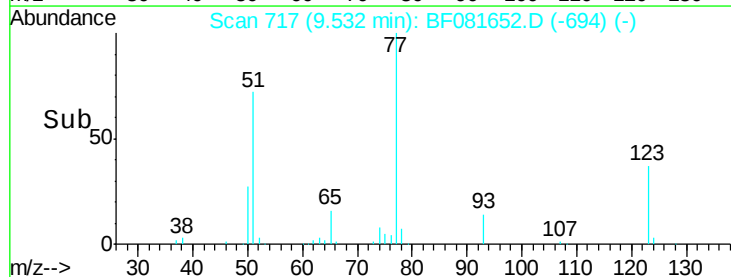
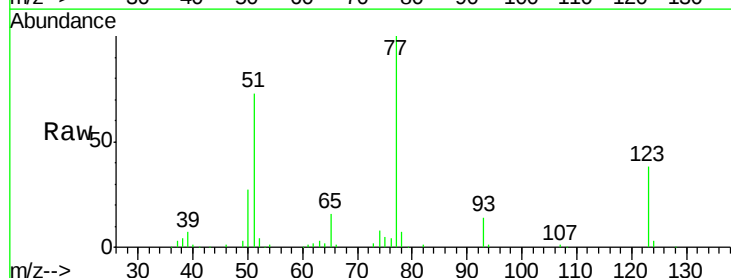
Instrument :
 BNA_F
 ClientSampleId :
 S12MS

Tgt Ion: 82 Resp: 378274
 Ion Ratio Lower Upper
 82 100
 128 37.4 51.0 76.6#
 54 69.3 47.5 71.3



#24
 Nitrobenzene
 Concen: 47.15 ng
 RT: 9.53 min Scan# 717
 Delta R.T. -0.03 min
 Lab File: BF081652.D
 Acq: 16 Sep 2015 16:47

Tgt Ion: 77 Resp: 189667
 Ion Ratio Lower Upper
 77 100
 123 37.9 59.8 89.8#
 65 16.5 10.2 15.4#





#25

Isophorone

Concen: 46.48 ng

RT: 10.13 min Scan# 769

Delta R.T. -0.03 min

Lab File: BF081652.D

Acq: 16 Sep 2015 16:47

Instrument :

BNA_F

ClientSampleId :

S12MS

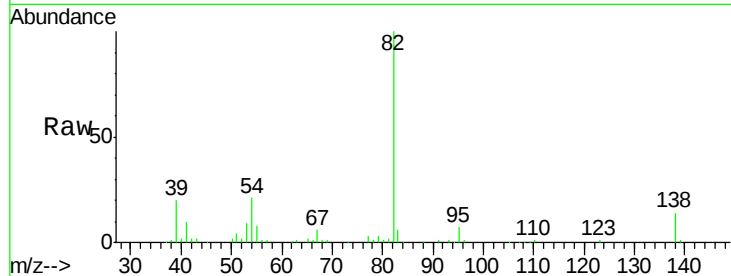
Tgt Ion: 82 Resp: 334885

Ion Ratio Lower Upper

82 100

95 7.4 4.0 6.0#

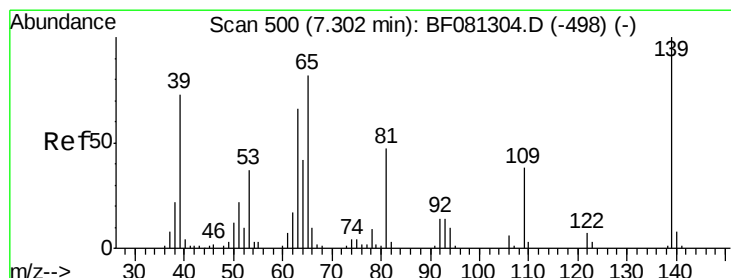
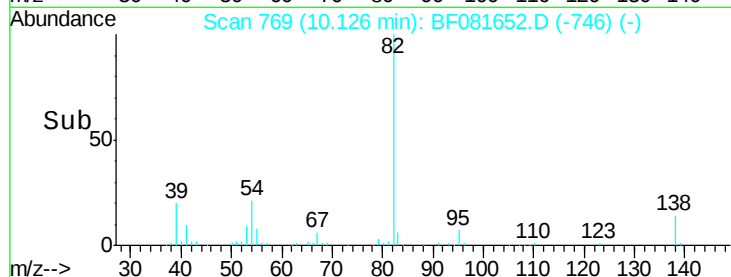
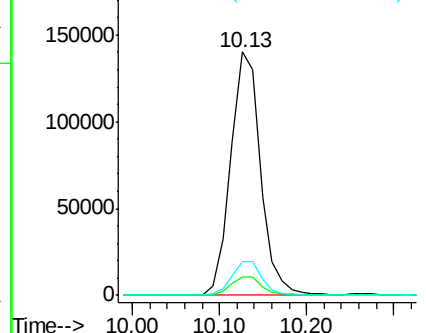
138 13.9 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 45.86 ng

RT: 10.26 min Scan# 781

Delta R.T. -0.03 min

Lab File: BF081652.D

Acq: 16 Sep 2015 16:47

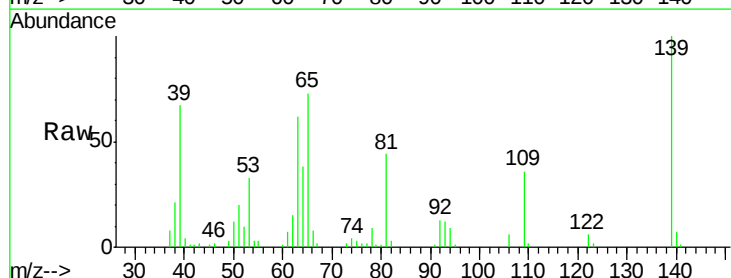
Tgt Ion: 139 Resp: 80413

Ion Ratio Lower Upper

139 100

109 35.9 11.0 16.4#

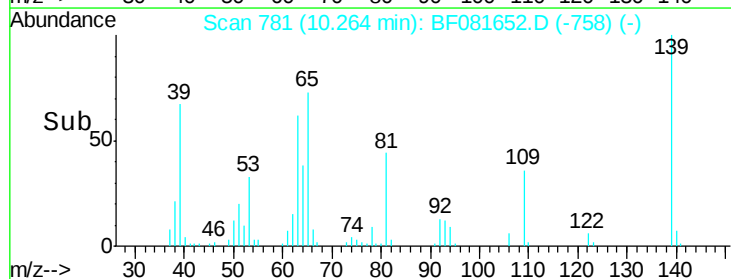
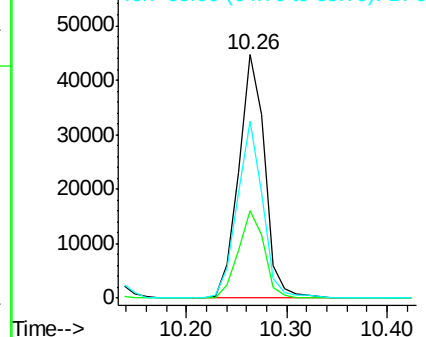
65 72.6 24.7 37.1#

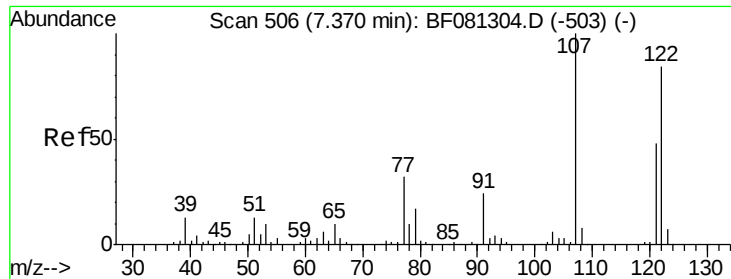


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

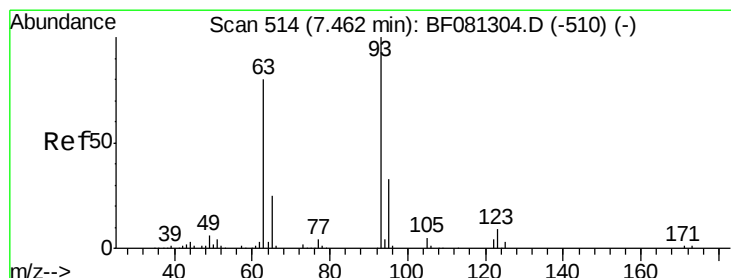
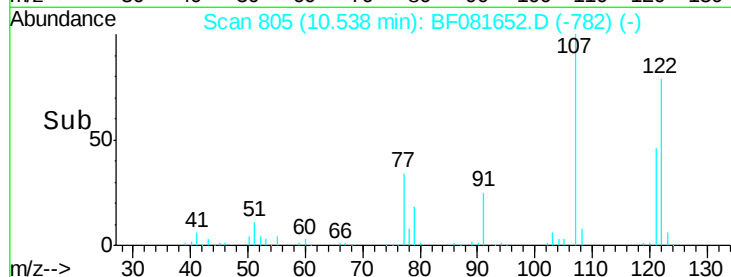
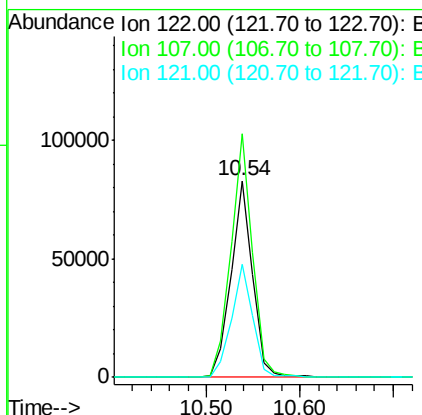
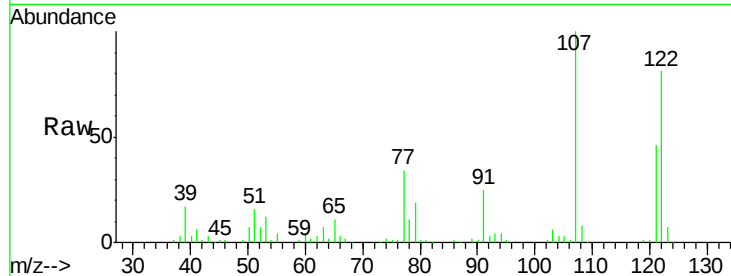




#27
 2,4-Dimethylphenol
 Concen: 44.12 ng
 RT: 10.54 min Scan# 805
 Delta R.T. -0.03 min
 Lab File: BF081652.D
 Acq: 16 Sep 2015 16:47

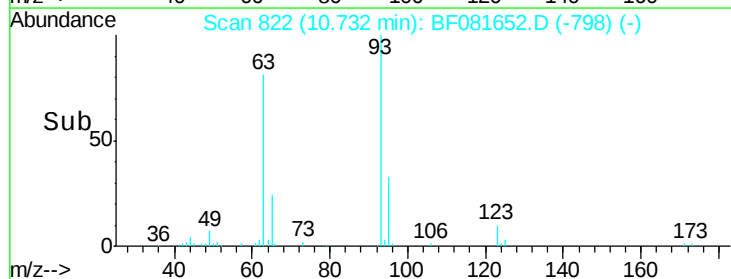
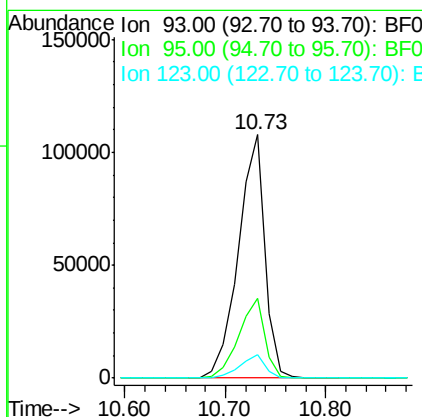
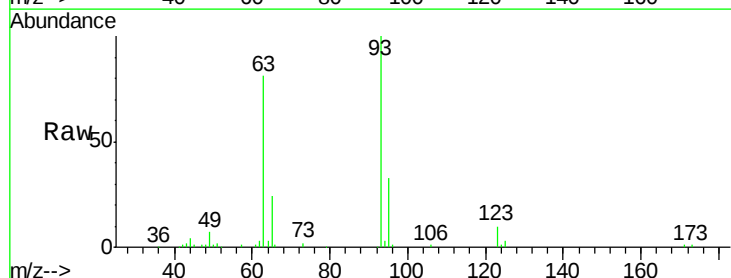
Instrument :
 BNA_F
 ClientSampleId :
 S12MS

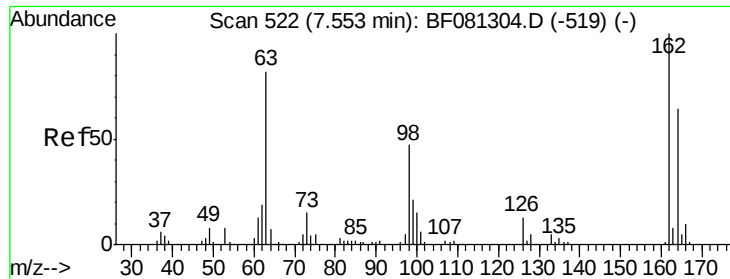
Tgt Ion:122 Resp: 133592
 Ion Ratio Lower Upper
 122 100
 107 123.7 71.8 107.6#
 121 57.2 42.3 63.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.29 ng
 RT: 10.73 min Scan# 822
 Delta R.T. -0.02 min
 Lab File: BF081652.D
 Acq: 16 Sep 2015 16:47

Tgt Ion: 93 Resp: 196817
 Ion Ratio Lower Upper
 93 100
 95 32.9 27.5 41.3
 123 9.6 13.7 20.5#

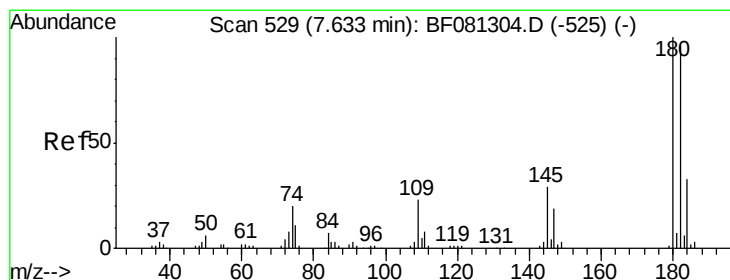
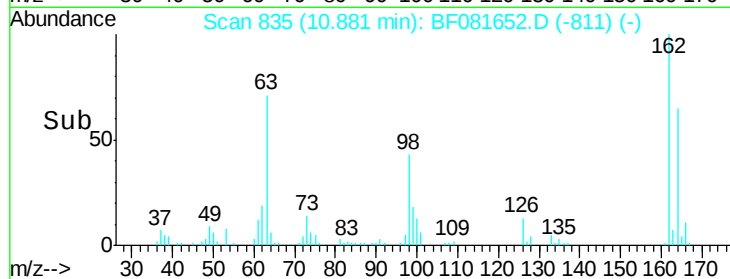
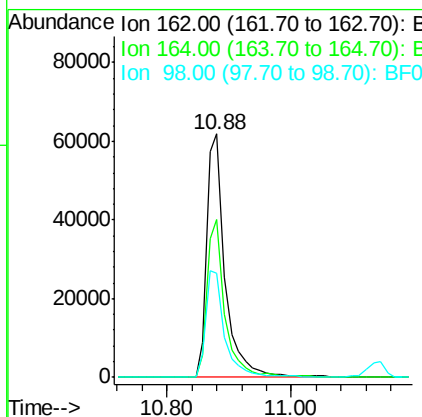
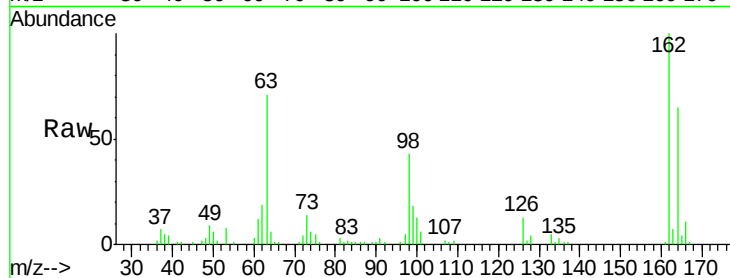




#29
 2,4-Dichlorophenol
 Concen: 48.13 ng
 RT: 10.88 min Scan# 835
 Delta R.T. -0.02 min
 Lab File: BF081652.D
 Acq: 16 Sep 2015 16:47

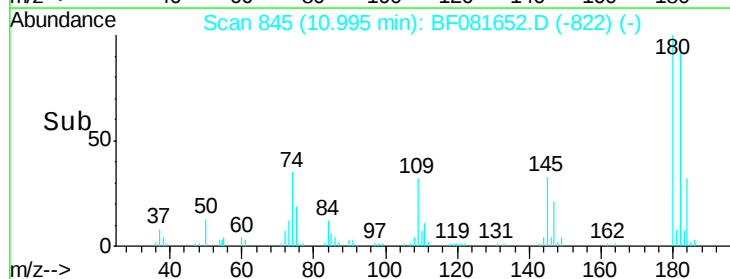
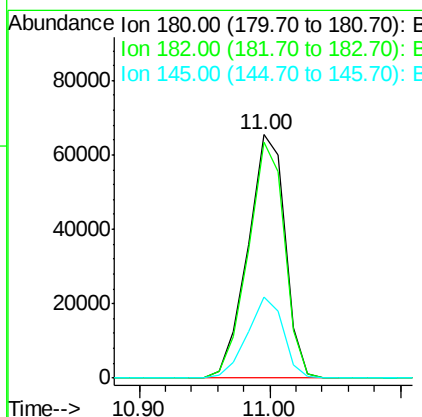
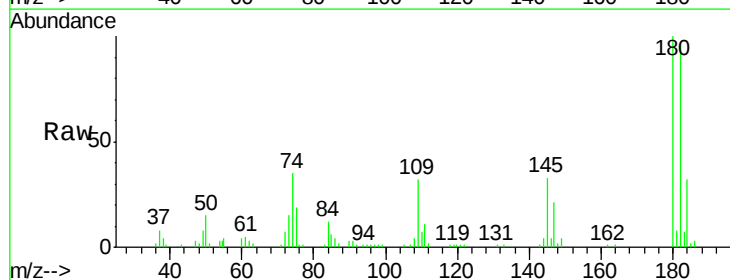
Instrument :
 BNA_F
 ClientSampleId :
 S12MS

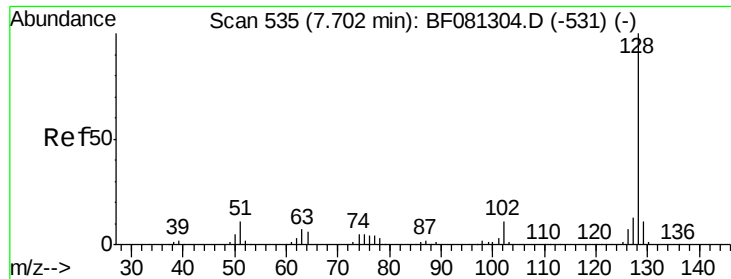
Tgt Ion:162 Resp: 126383
 Ion Ratio Lower Upper
 162 100
 164 65.0 44.9 84.9
 98 42.6 13.0 53.0



#30
 1,2,4-Trichlorobenzene
 Concen: 45.78 ng
 RT: 11.00 min Scan# 845
 Delta R.T. -0.03 min
 Lab File: BF081652.D
 Acq: 16 Sep 2015 16:47

Tgt Ion:180 Resp: 130606
 Ion Ratio Lower Upper
 180 100
 182 97.0 77.1 115.7
 145 33.4 23.3 34.9

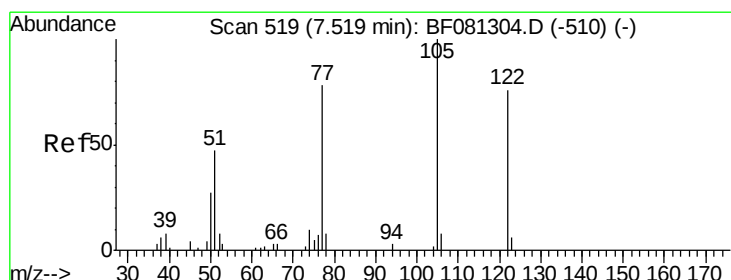
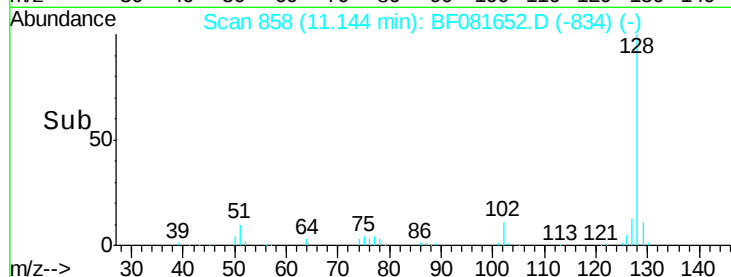
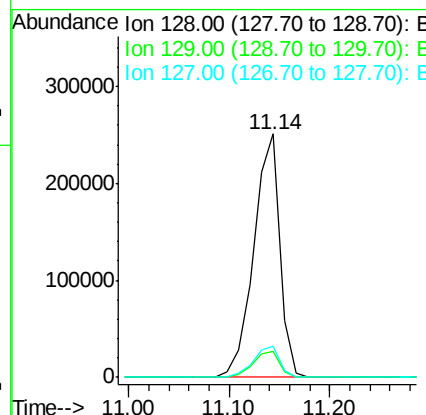
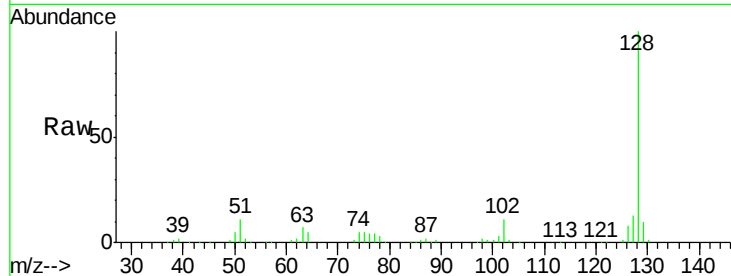




#31
Naphthalene
Concen: 45.20 ng
RT: 11.14 min Scan# 858
Delta R.T. -0.02 min
Lab File: BF081652.D
Acq: 16 Sep 2015 16:47

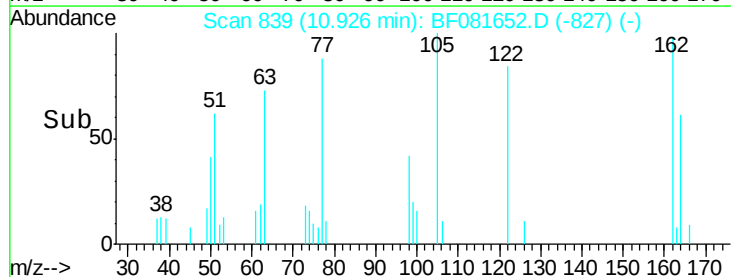
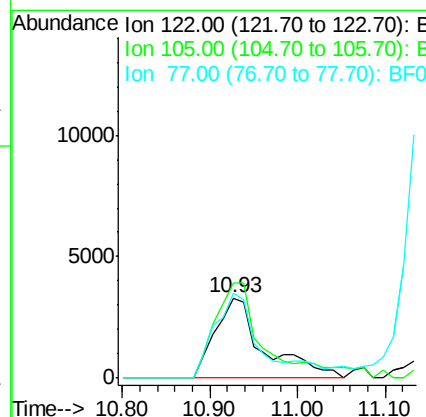
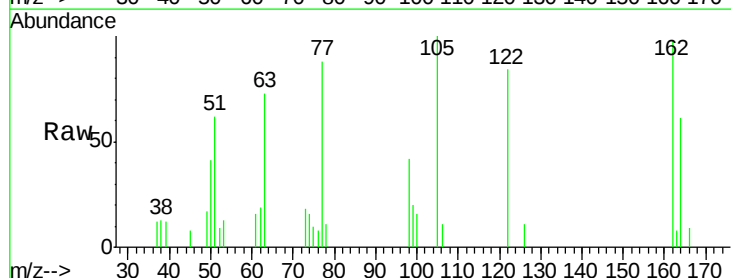
Instrument :
BNA_F
ClientSampleId :
S12MS

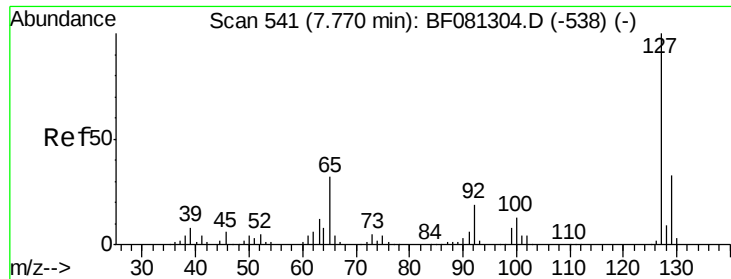
Tgt Ion:128 Resp: 450463
Ion Ratio Lower Upper
128 100
129 10.5 8.4 12.6
127 13.0 9.9 14.9



#32
Benzoic acid
Concen: 8.08 ng m
RT: 10.93 min Scan# 839
Delta R.T. -0.16 min
Lab File: BF081652.D
Acq: 16 Sep 2015 16:47

Tgt Ion:122 Resp: 12640
Ion Ratio Lower Upper
122 100
105 119.2 76.1 116.1#
77 105.0 40.5 80.5#

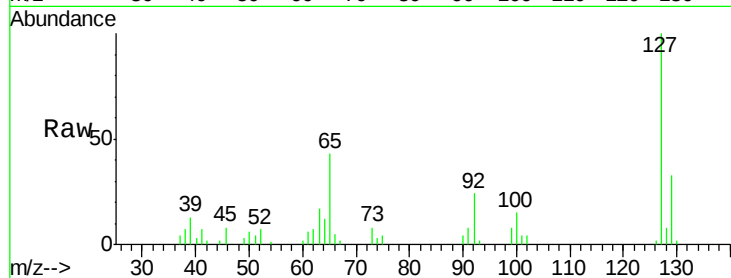




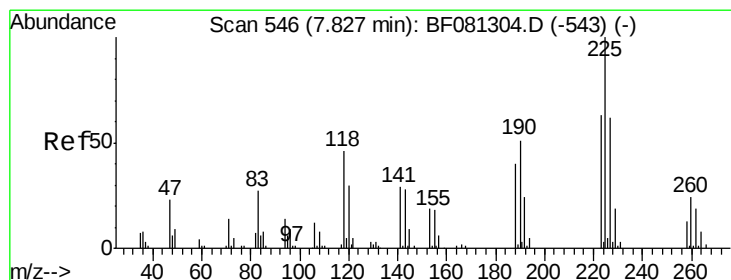
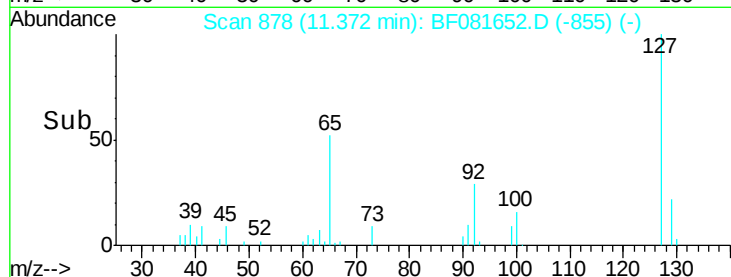
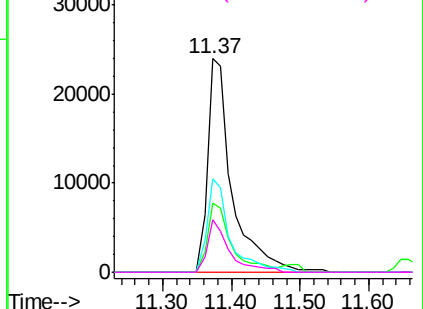
#33
4-Chloroaniline
Concen: 14.72 ng
RT: 11.37 min Scan# 878
Delta R.T. -0.03 min
Lab File: BF081652.D
Acq: 16 Sep 2015 16:47

Instrument :
BNA_F
ClientSampleId :
S12MS

Tgt Ion:	127	Resp:	59861
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.8	38.6
65	43.5	17.9	26.9#
92	24.3	10.5	15.7#

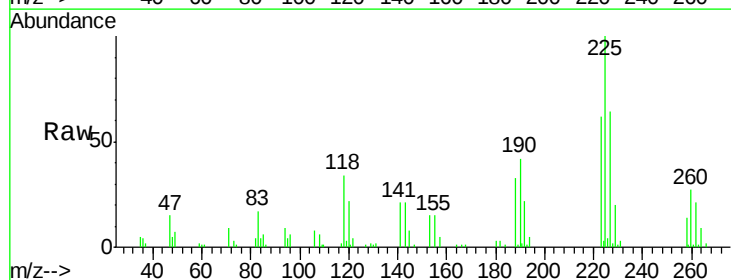


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

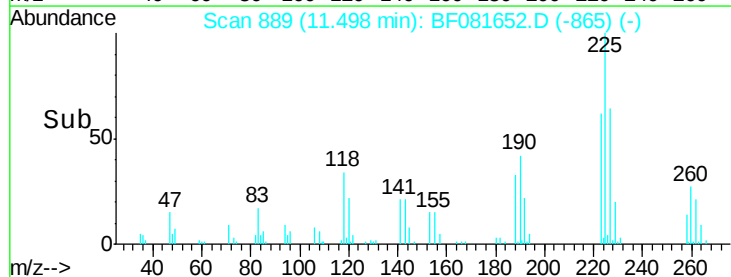
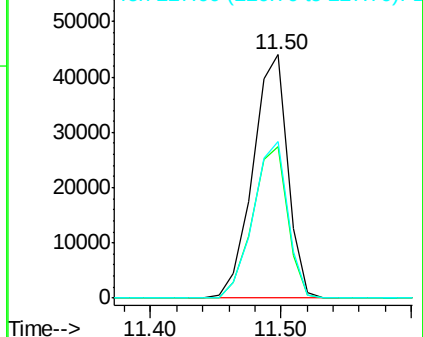


#34
Hexachlorobutadiene
Concen: 47.24 ng
RT: 11.50 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF081652.D
Acq: 16 Sep 2015 16:47

Tgt Ion:	225	Resp:	82018
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.2	75.2
227	64.4	52.2	78.2



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

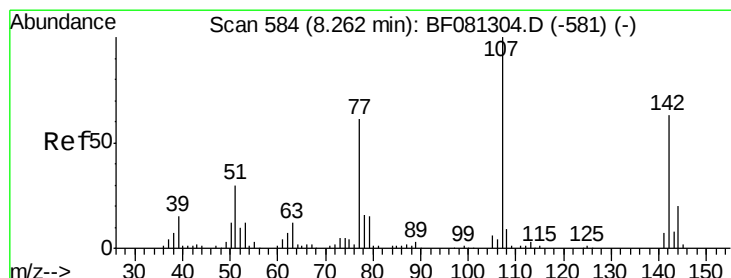
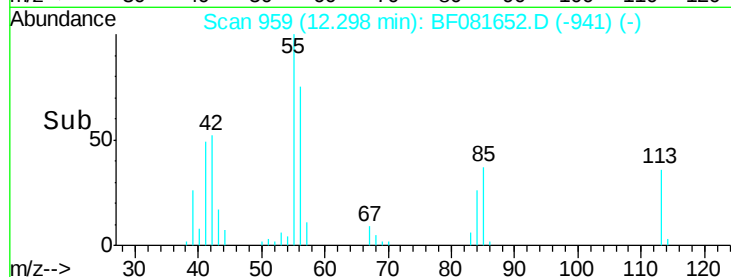
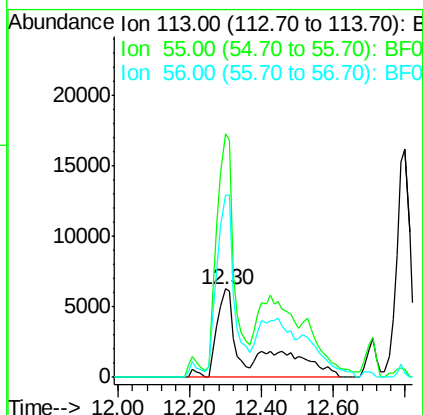
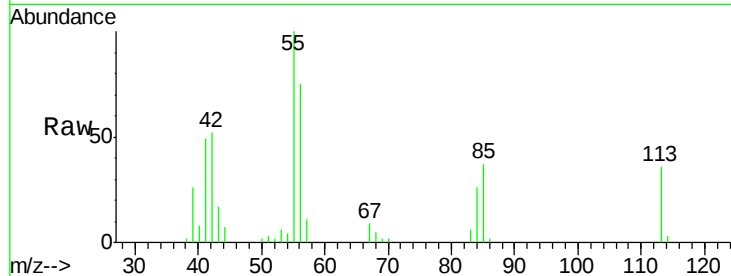




#35
 Caprolactam
 Concen: 49.50 ng m
 RT: 12.30 min Scan# 959
 Delta R.T. -0.09 min
 Lab File: BF081652.D
 Acq: 16 Sep 2015 16:47

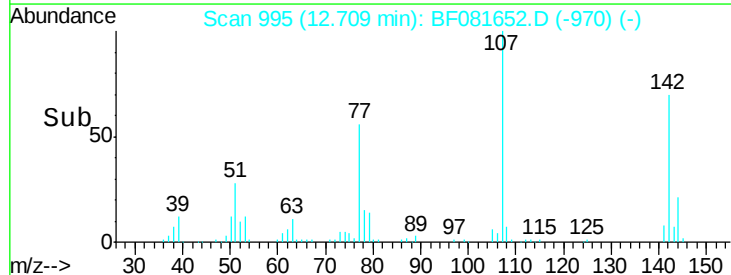
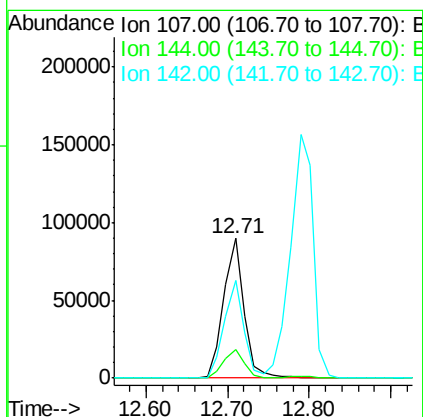
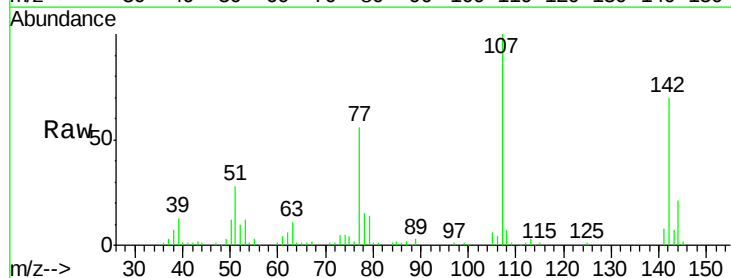
Instrument :
 BNA_F
 ClientSampleId :
 S12MS

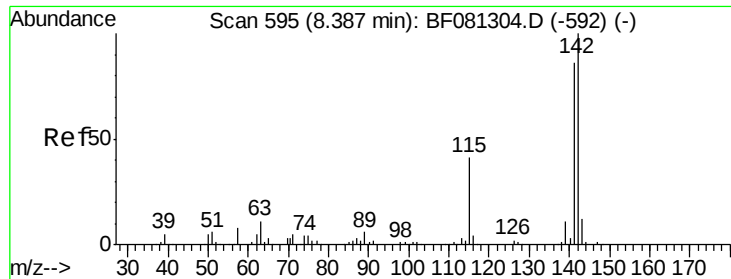
Tgt Ion:113 Resp: 39867
 Ion Ratio Lower Upper
 113 100
 55 275.0 152.4 192.4#
 56 205.6 104.6 144.6#



#36
 4-Chloro-3-methylphenol
 Concen: 52.76 ng
 RT: 12.71 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF081652.D
 Acq: 16 Sep 2015 16:47

Tgt Ion:107 Resp: 155063
 Ion Ratio Lower Upper
 107 100
 144 21.0 25.4 38.0#
 142 70.2 77.3 115.9#

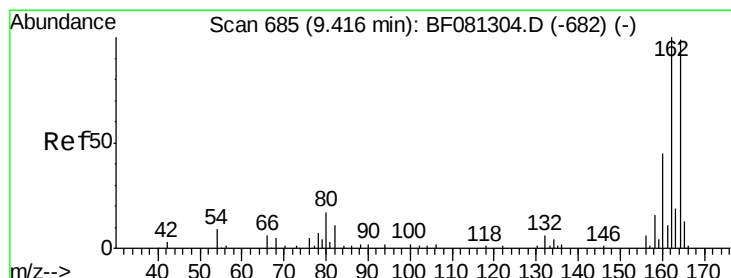
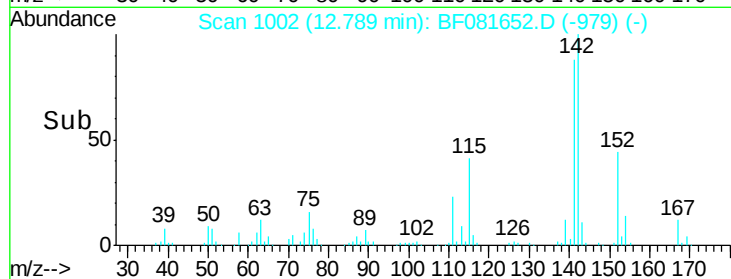
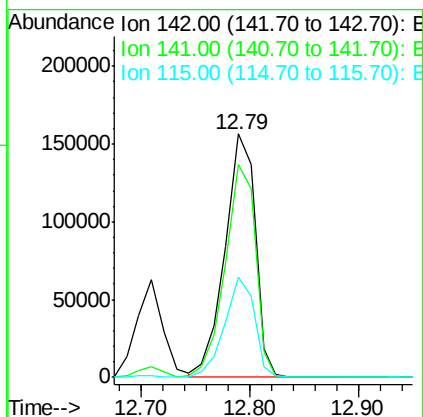
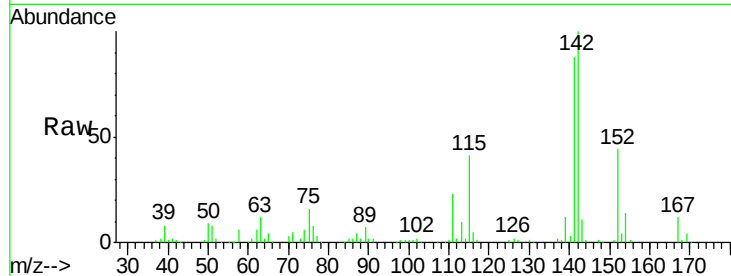




#37
 2-Methylnaphthalene
 Concen: 46.64 ng
 RT: 12.79 min Scan# 1002
 Delta R.T. -0.03 min
 Lab File: BF081652.D
 Acq: 16 Sep 2015 16:47

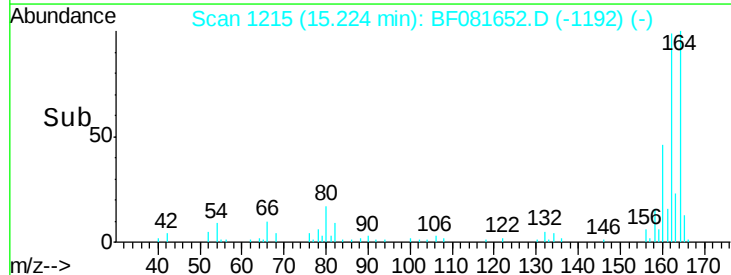
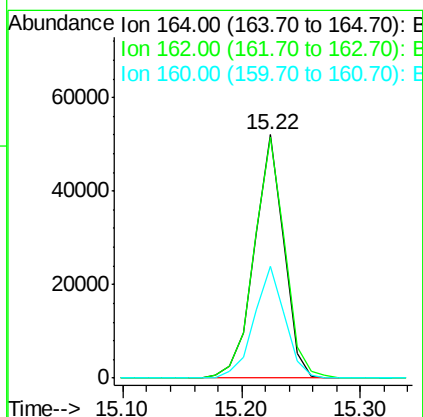
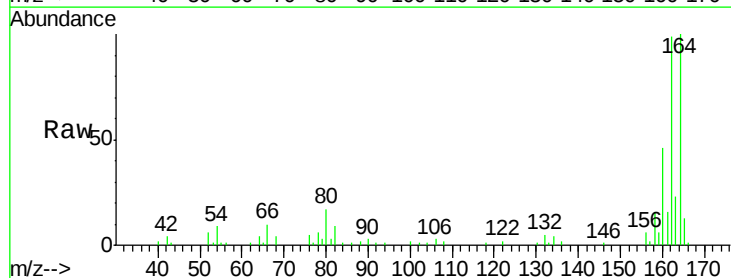
Instrument :
 BNA_F
 ClientSampleId :
 S12MS

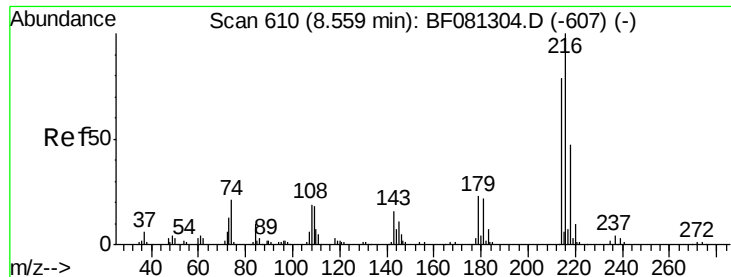
Tgt Ion:142 Resp: 302531
 Ion Ratio Lower Upper
 142 100
 141 87.7 67.5 101.3
 115 41.1 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.22 min Scan# 1215
 Delta R.T. -0.03 min
 Lab File: BF081652.D
 Acq: 16 Sep 2015 16:47

Tgt Ion:164 Resp: 90587
 Ion Ratio Lower Upper
 164 100
 162 99.0 75.2 112.8
 160 45.8 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.91 ng

RT: 13.20 min Scan# 1038

Delta R.T. -0.02 min

Lab File: BF081652.D

Acq: 16 Sep 2015 16:47

Instrument :

BNA_F

ClientSampleId :

S12MS

Tgt Ion:216 Resp: 128646

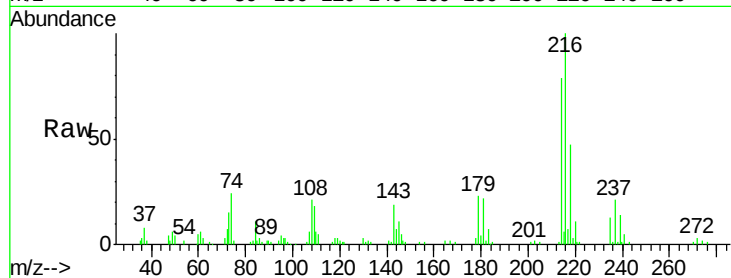
Ion Ratio Lower Upper

216 100

214 80.3 63.5 95.3

179 22.7 16.6 24.8

108 24.0 16.3 24.5

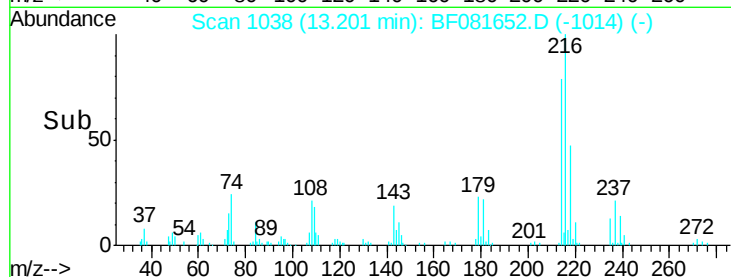


Abundance Ion 216.00 (215.70 to 216.70): E

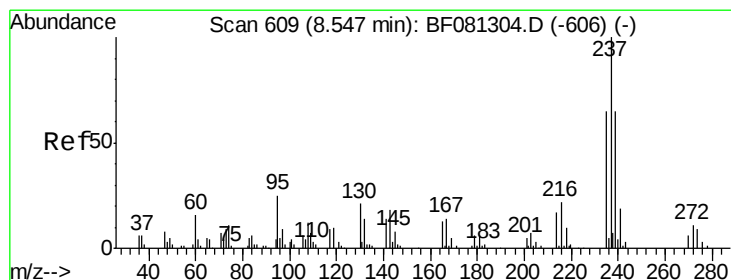
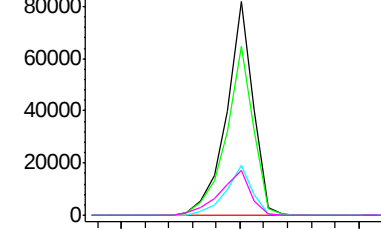
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 93.58 ng

RT: 13.18 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF081652.D

Acq: 16 Sep 2015 16:47

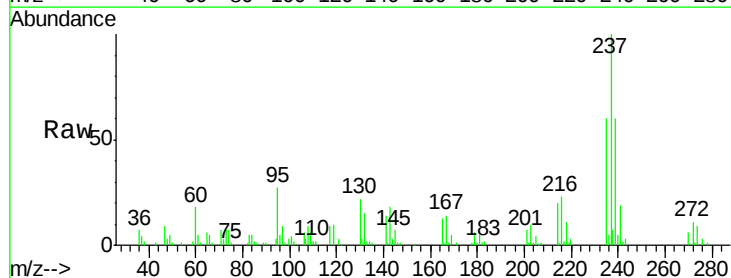
Tgt Ion:237 Resp: 131564

Ion Ratio Lower Upper

237 100

235 59.8 42.0 82.0

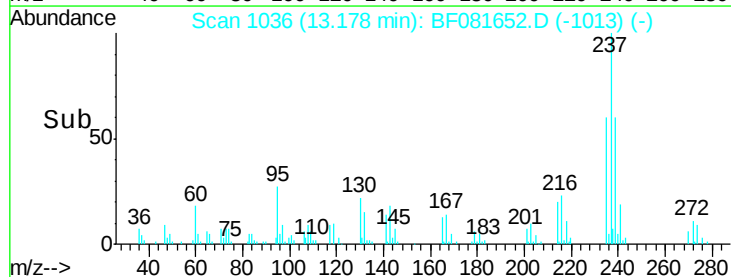
272 11.0 0.0 36.1



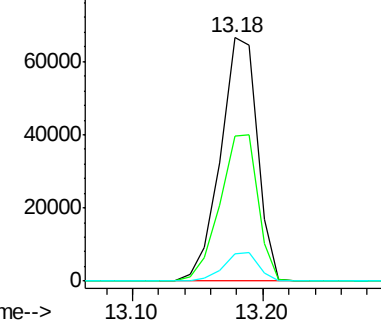
Abundance Ion 236.80 (236.50 to 237.50): E

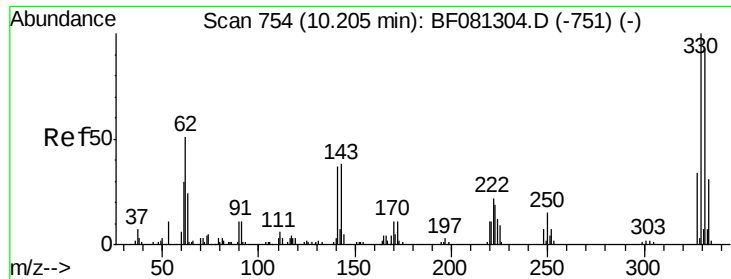
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

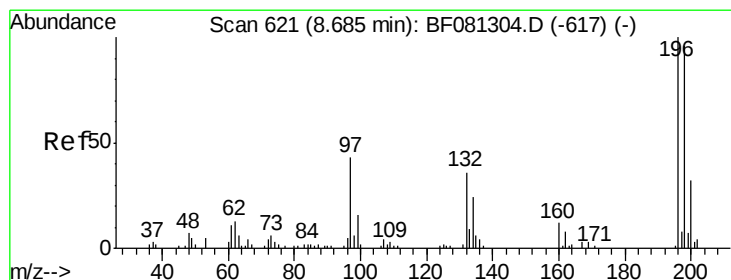
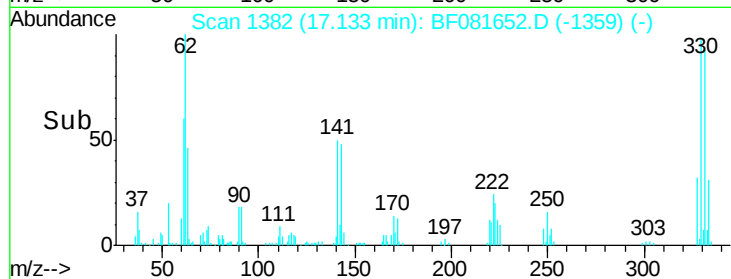
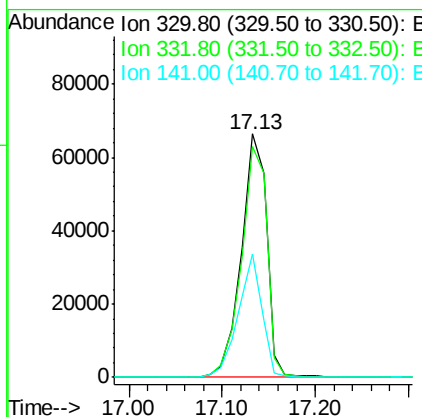
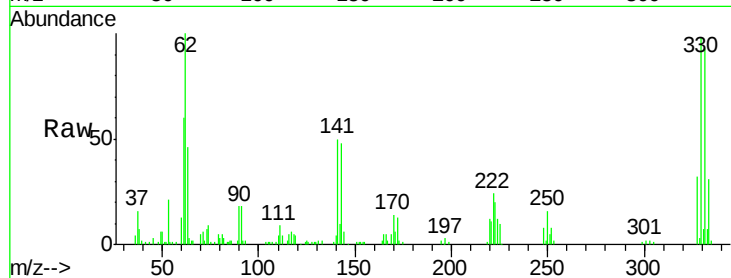




#41
 2,4,6-Tribromophenol
 Concen: 155.47 ng
 RT: 17.13 min Scan# 1382
 Delta R.T. -0.03 min
 Lab File: BF081652.D
 Acq: 16 Sep 2015 16:47

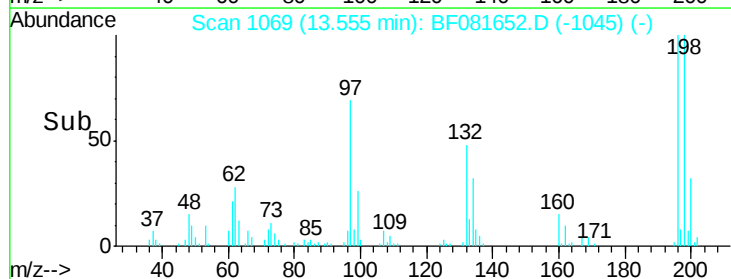
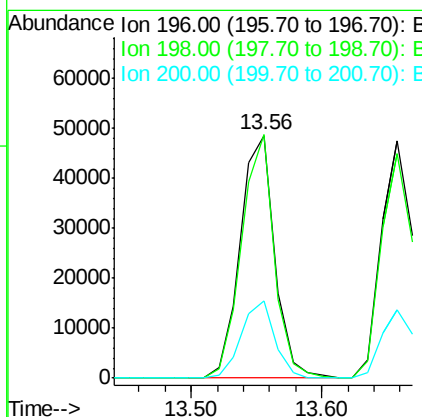
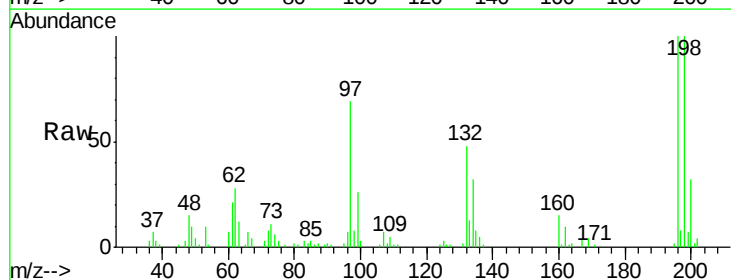
Instrument :
 BNA_F
 ClientSampleId :
 S12MS

Tgt Ion:330 Resp: 125399
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 114.8
 141 47.3 29.7 44.5#



#42
 2,4,6-Trichlorophenol
 Concen: 45.09 ng
 RT: 13.56 min Scan# 1069
 Delta R.T. -0.02 min
 Lab File: BF081652.D
 Acq: 16 Sep 2015 16:47

Tgt Ion:196 Resp: 89151
 Ion Ratio Lower Upper
 196 100
 198 100.4 75.7 113.5
 200 31.7 23.9 35.9

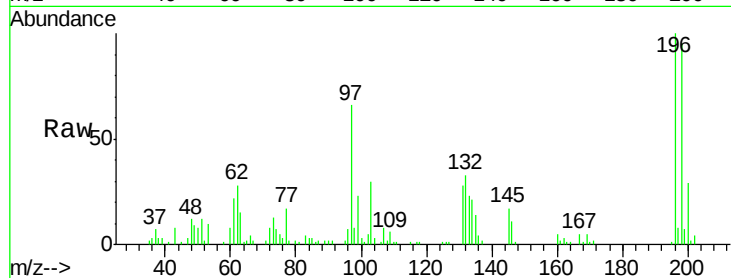




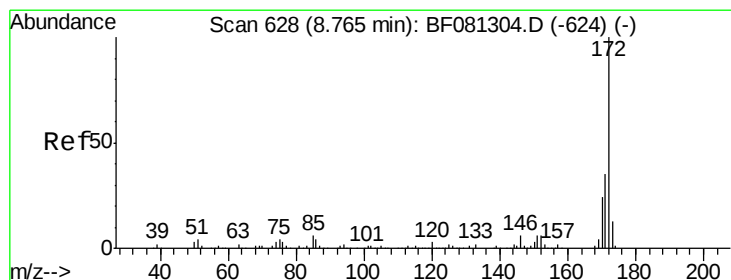
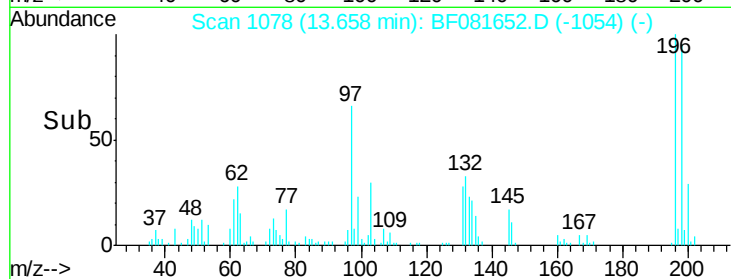
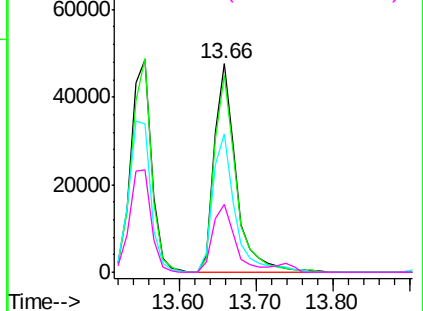
#43
 2,4,5-Trichlorophenol
 Concen: 46.60 ng
 RT: 13.66 min Scan# 1078
 Delta R.T. -0.02 min
 Lab File: BF081652.D
 Acq: 16 Sep 2015 16:47

Instrument :
 BNA_F
 ClientSampleId :
 S12MS

Tgt Ion:196 Resp: 93990
 Ion Ratio Lower Upper
 196 100
 198 94.6 75.4 113.0
 97 66.1 33.3 49.9#
 132 32.8 24.6 37.0

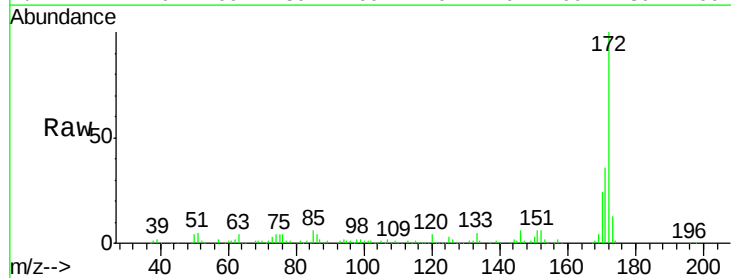


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

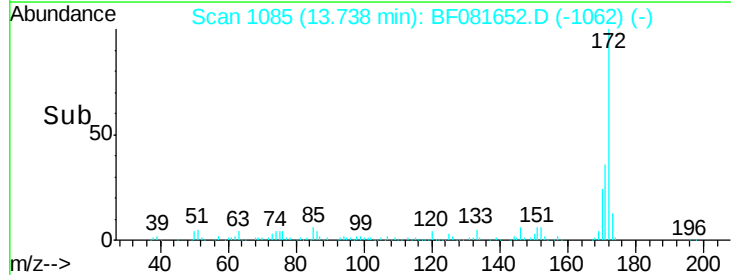
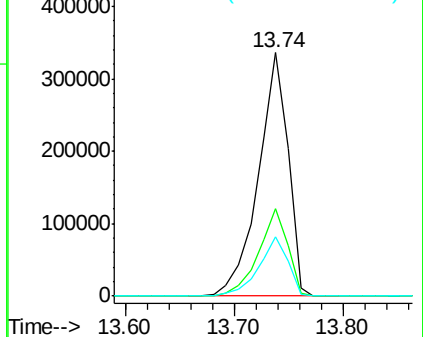


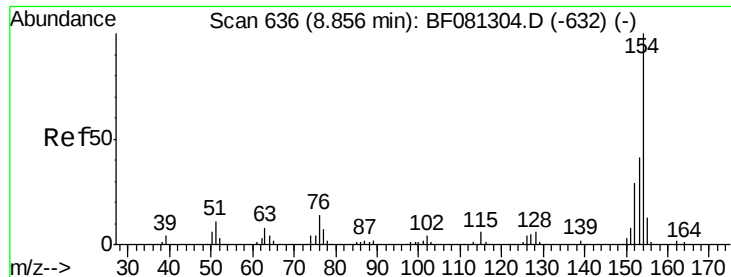
#44
 2-Fluorobiphenyl
 Concen: 90.50 ng
 RT: 13.74 min Scan# 1085
 Delta R.T. -0.03 min
 Lab File: BF081652.D
 Acq: 16 Sep 2015 16:47

Tgt Ion:172 Resp: 639737
 Ion Ratio Lower Upper
 172 100
 171 36.1 26.1 39.1
 170 24.3 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: 44.44 ng

RT: 13.94 min Scan# 1103

Delta R.T. -0.02 min

Lab File: BF081652.D

Acq: 16 Sep 2015 16:47

Instrument :

BNA_F

ClientSampleId :

S12MS

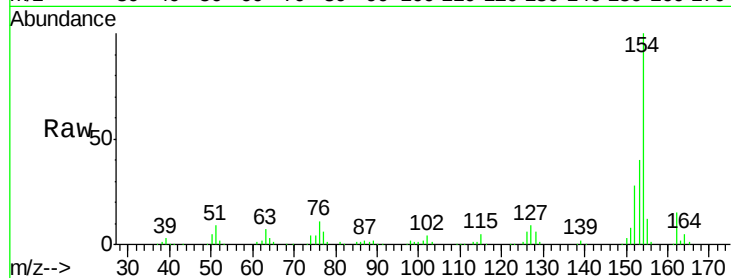
Tgt Ion:154 Resp: 370389

Ion Ratio Lower Upper

154 100

153 39.9 17.1 57.1

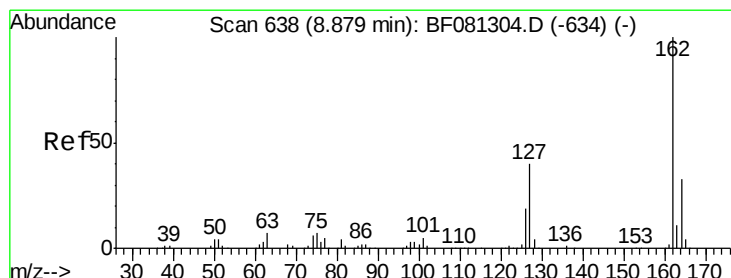
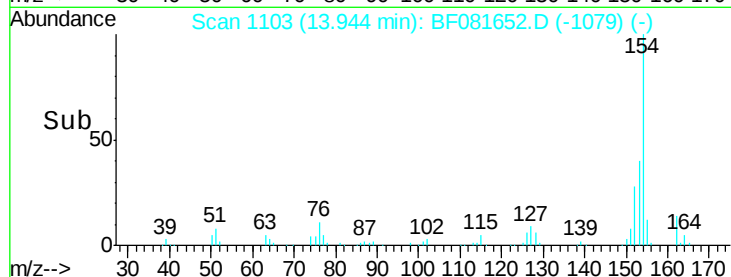
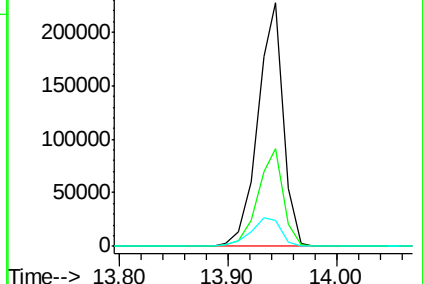
76 10.8 0.0 31.6



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: 45.26 ng

RT: 13.93 min Scan# 1102

Delta R.T. -0.02 min

Lab File: BF081652.D

Acq: 16 Sep 2015 16:47

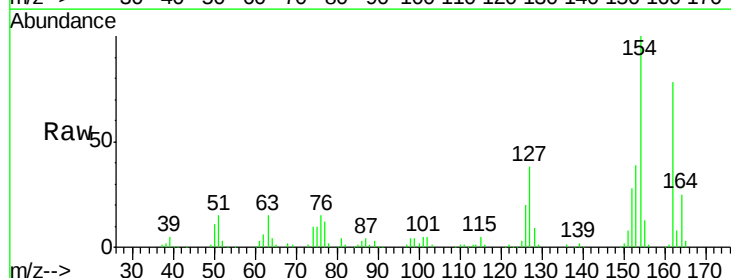
Tgt Ion:162 Resp: 272382

Ion Ratio Lower Upper

162 100

127 48.7 27.6 41.4#

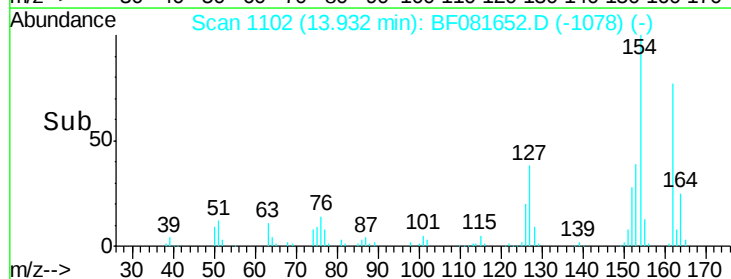
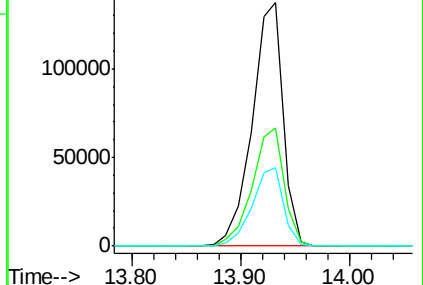
164 32.4 25.4 38.2



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: 49.08 ng

RT: 14.28 min Scan# 1132

Delta R.T. -0.03 min

Lab File: BF081652.D

Acq: 16 Sep 2015 16:47

Instrument :

BNA_F

ClientSampleId :

S12MS

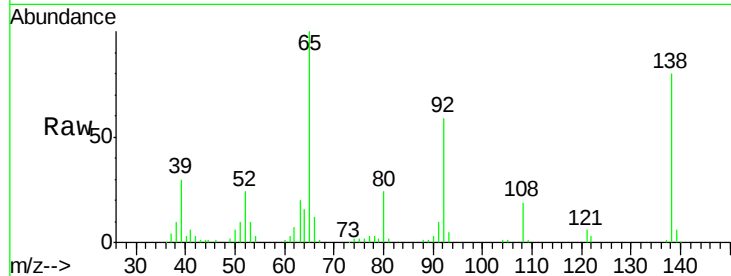
Tgt Ion: 65 Resp: 120378

Ion Ratio Lower Upper

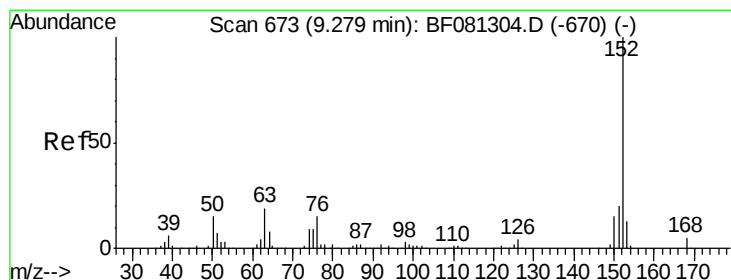
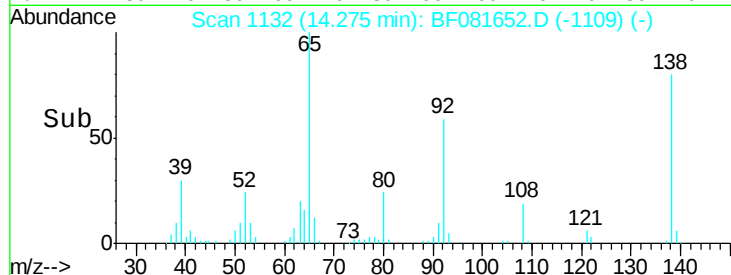
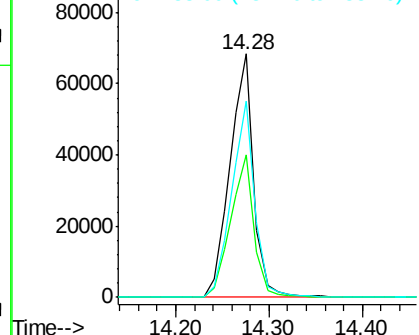
65 100

92 58.8 55.4 83.0

138 80.5 115.5 173.3#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 44.69 ng

RT: 14.88 min Scan# 1185

Delta R.T. -0.03 min

Lab File: BF081652.D

Acq: 16 Sep 2015 16:47

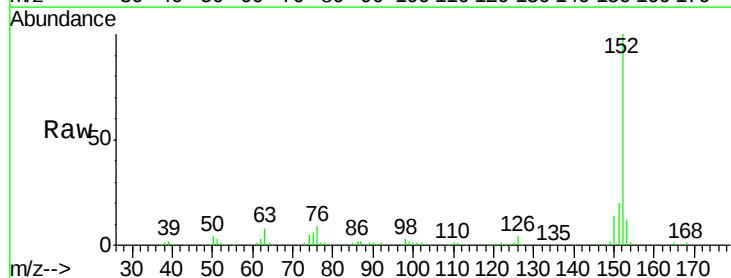
Tgt Ion: 152 Resp: 477210

Ion Ratio Lower Upper

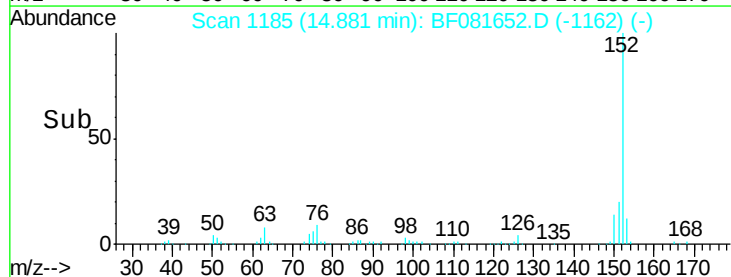
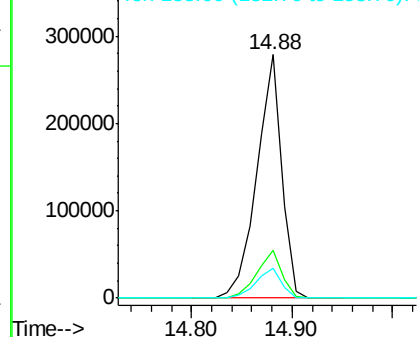
152 100

151 19.8 14.6 22.0

153 12.2 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 64.71 ng

RT: 14.82 min Scan# 1180

Delta R.T. -0.03 min

Lab File: BF081652.D

Acq: 16 Sep 2015 16:47

Instrument :

BNA_F

ClientSampleId :

S12MS

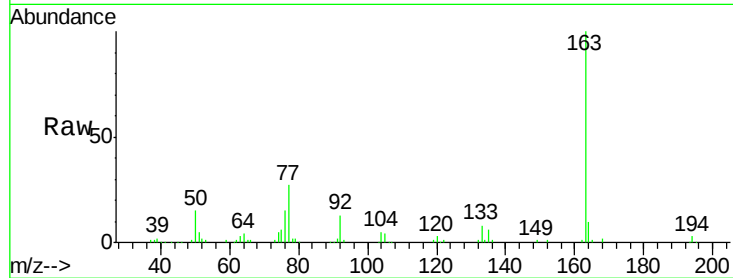
Tgt Ion:163 Resp: 455414

Ion Ratio Lower Upper

163 100

194 3.1 4.4 6.6#

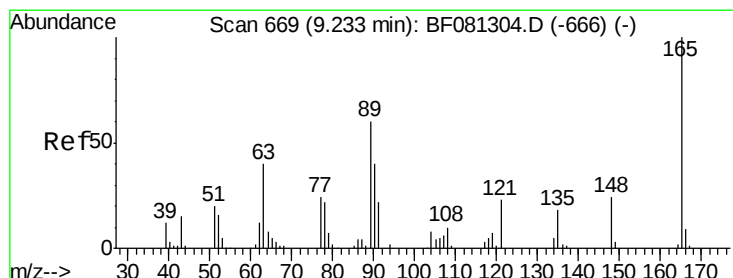
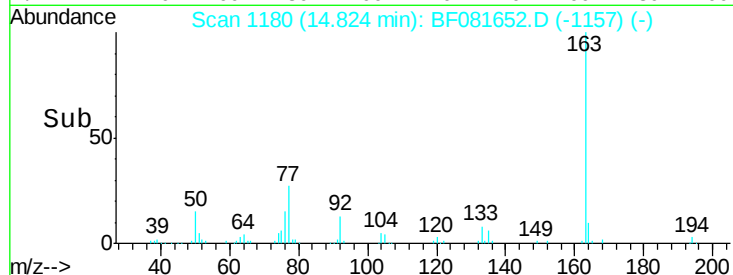
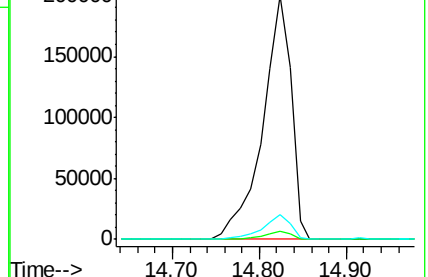
164 10.1 8.3 12.5



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: 43.41 ng

RT: 14.92 min Scan# 1188

Delta R.T. -0.03 min

Lab File: BF081652.D

Acq: 16 Sep 2015 16:47

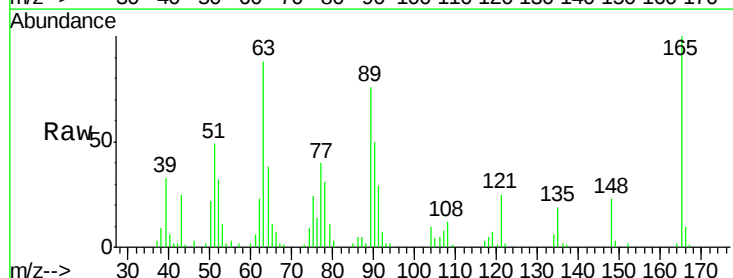
Tgt Ion:165 Resp: 69340

Ion Ratio Lower Upper

165 100

63 88.4 32.3 48.5#

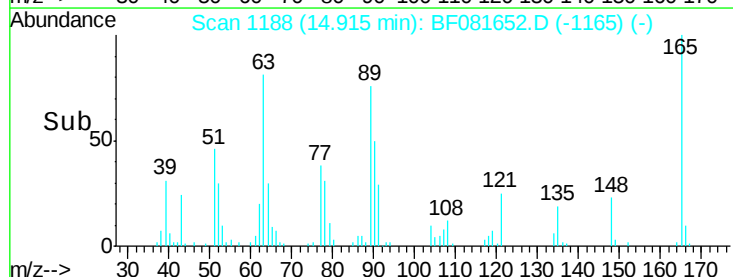
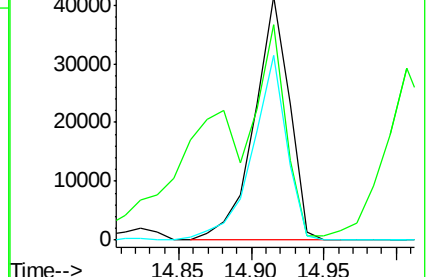
89 75.7 28.6 43.0#



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: 43.83 ng

RT: 15.30 min Scan# 1222

Delta R.T. -0.03 min

Lab File: BF081652.D

Acq: 16 Sep 2015 16:47

Instrument :

BNA_F

ClientSampleId :

S12MS

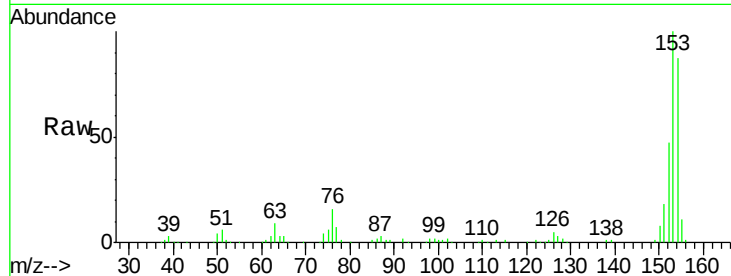
Tgt Ion:154 Resp: 266230

Ion Ratio Lower Upper

154 100

153 115.3 82.1 123.1

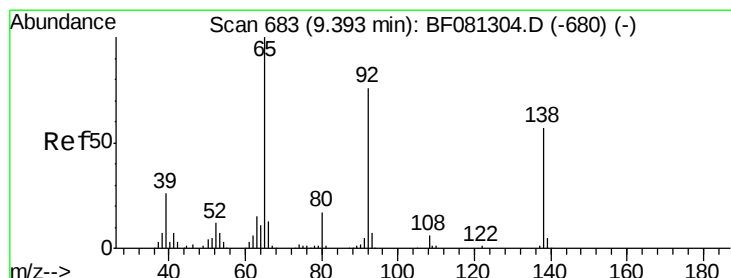
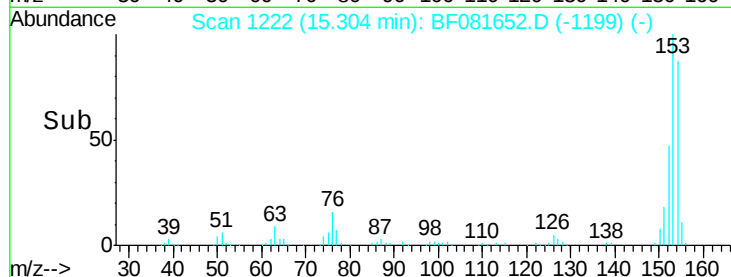
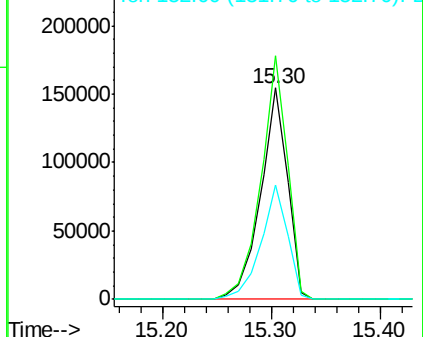
152 54.4 37.9 56.9



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: 27.39 ng

RT: 15.27 min Scan# 1219

Delta R.T. -0.05 min

Lab File: BF081652.D

Acq: 16 Sep 2015 16:47

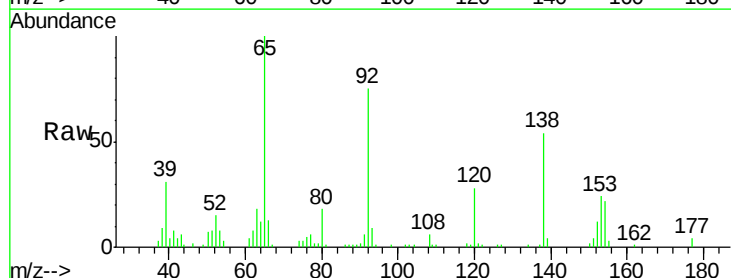
Tgt Ion:138 Resp: 49809

Ion Ratio Lower Upper

138 100

108 11.9 5.7 8.5#

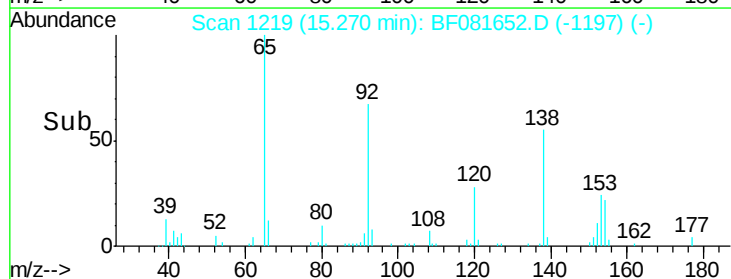
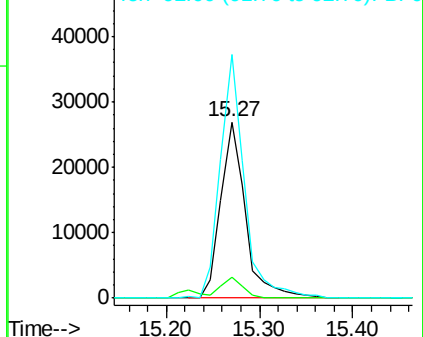
92 138.0 67.7 101.5#



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

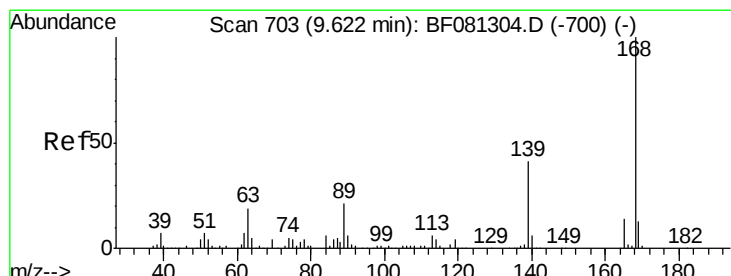
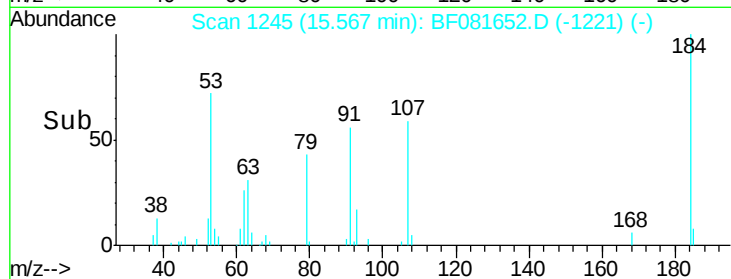
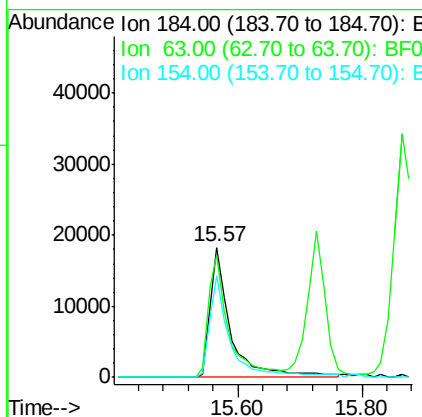
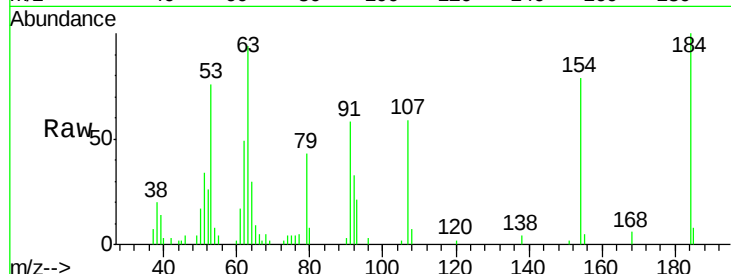




#53
 2,4-Dinitrophenol
 Concen: 54.02 ng
 RT: 15.57 min Scan# 1245
 Delta R.T. -0.02 min
 Lab File: BF081652.D
 Acq: 16 Sep 2015 16:47

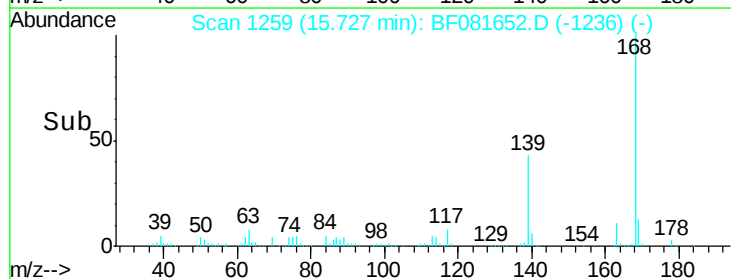
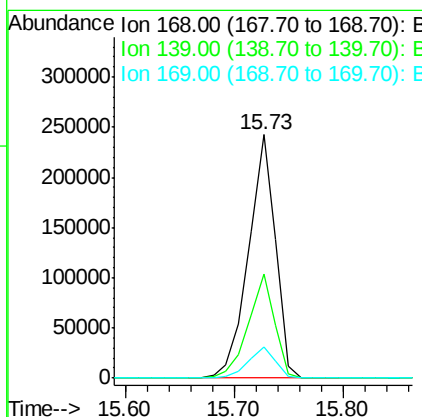
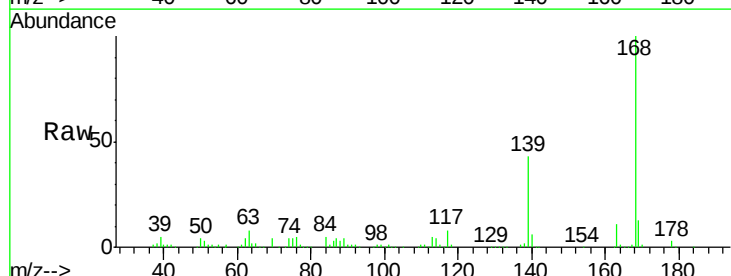
Instrument :
 BNA_F
 ClientSampleId :
 S12MS

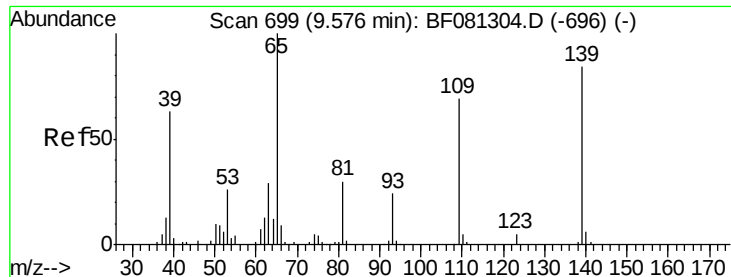
Tgt Ion:184 Resp: 42106
 Ion Ratio Lower Upper
 184 100
 63 93.8 35.4 53.2#
 154 78.6 32.2 48.4#



#54
 Dibenzofuran
 Concen: 47.10 ng
 RT: 15.73 min Scan# 1259
 Delta R.T. -0.03 min
 Lab File: BF081652.D
 Acq: 16 Sep 2015 16:47

Tgt Ion:168 Resp: 417767
 Ion Ratio Lower Upper
 168 100
 139 42.6 24.2 36.2#
 169 12.9 10.6 15.8





#55

4-Nitrophenol

Concen: 91.69 ng

RT: 15.90 min Scan# 1274

Delta R.T. -0.02 min

Lab File: BF081652.D

Acq: 16 Sep 2015 16:47

Instrument :

BNA_F

ClientSampleId :

S12MS

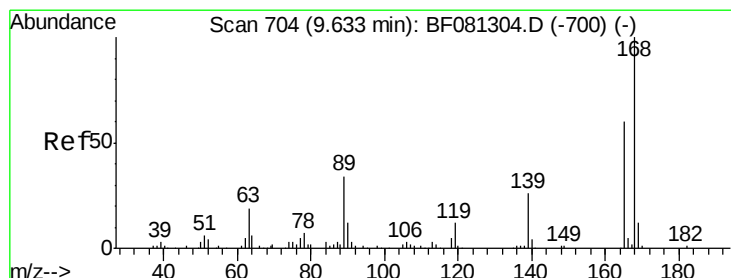
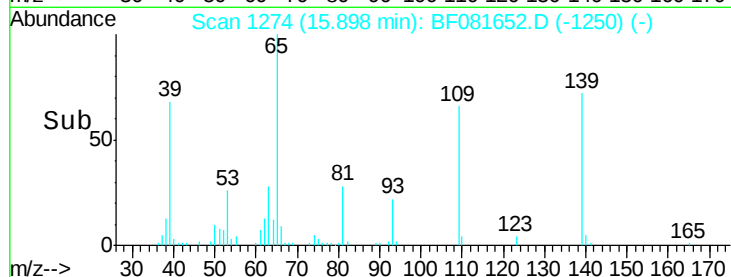
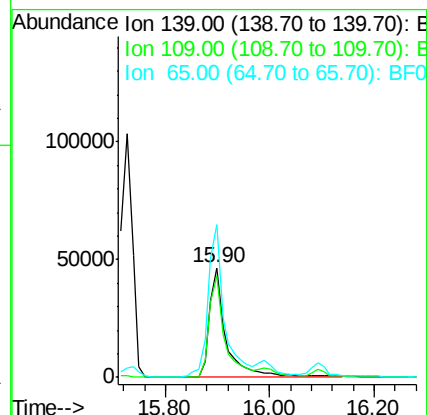
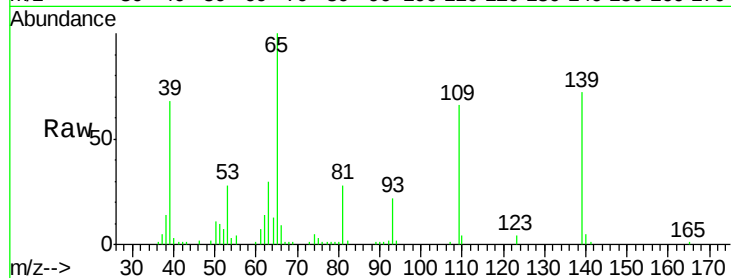
Tgt Ion:139 Resp: 104759

Ion Ratio Lower Upper

139 100

109 92.0 12.7 52.7#

65 139.5 45.9 85.9#



#56

2,4-Dinitrotoluene

Concen: 48.09 ng

RT: 15.86 min Scan# 1271

Delta R.T. -0.03 min

Lab File: BF081652.D

Acq: 16 Sep 2015 16:47

Tgt Ion:165 Resp: 97819

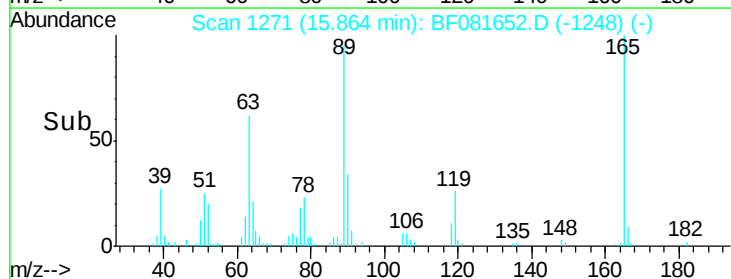
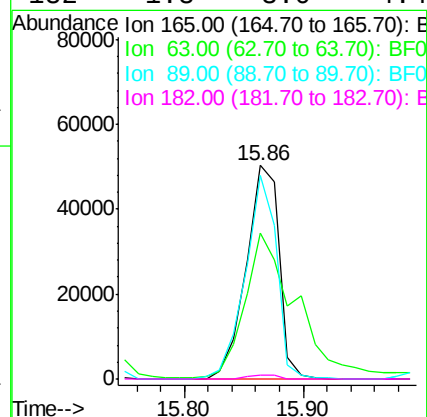
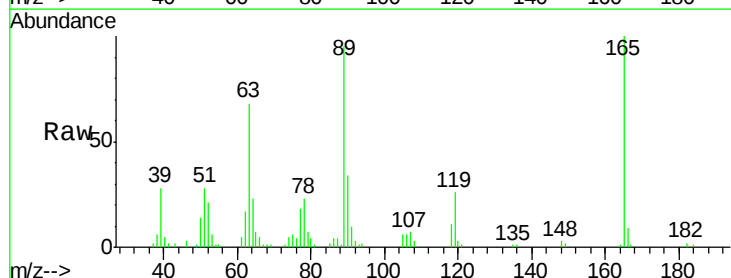
Ion Ratio Lower Upper

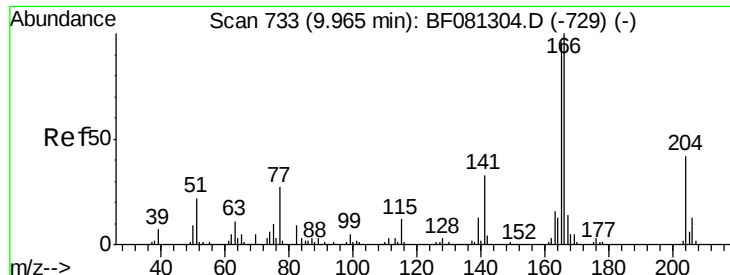
165 100

63 68.1 29.8 44.6#

89 95.2 44.5 66.7#

182 1.8 3.0 4.4#





#57

Fluorene

Concen: 49.45 ng

RT: 16.54 min Scan# 1330

Delta R.T. -0.03 min

Lab File: BF081652.D

Acq: 16 Sep 2015 16:47

Instrument :

BNA_F

ClientSampleId :

S12MS

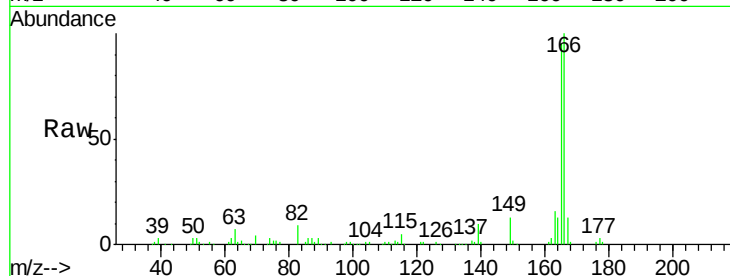
Tgt Ion:166 Resp: 332821

Ion Ratio Lower Upper

166 100

165 95.2 72.6 109.0

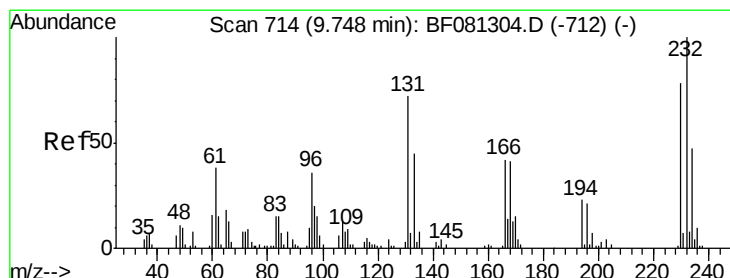
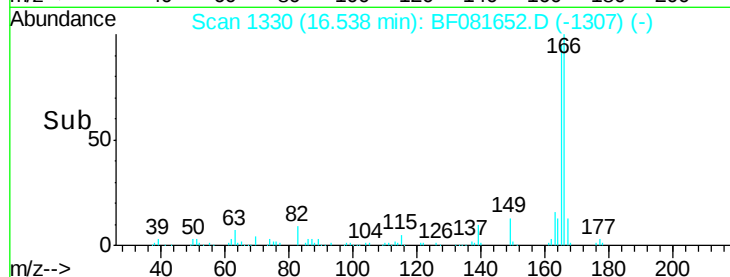
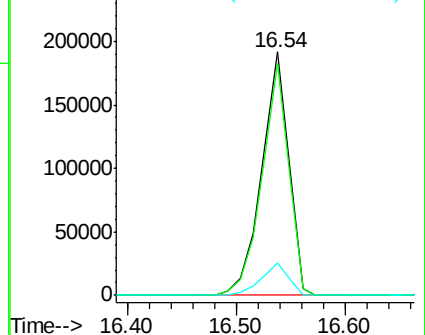
167 13.3 10.6 16.0



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: 50.92 ng

RT: 16.09 min Scan# 1291

Delta R.T. -0.03 min

Lab File: BF081652.D

Acq: 16 Sep 2015 16:47

Tgt Ion:232 Resp: 78416

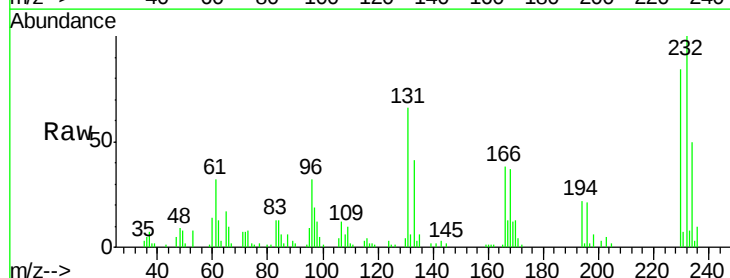
Ion Ratio Lower Upper

232 100

131 56.9 38.5 57.7

130 2.5 1.8 2.6

166 33.0 25.0 37.6

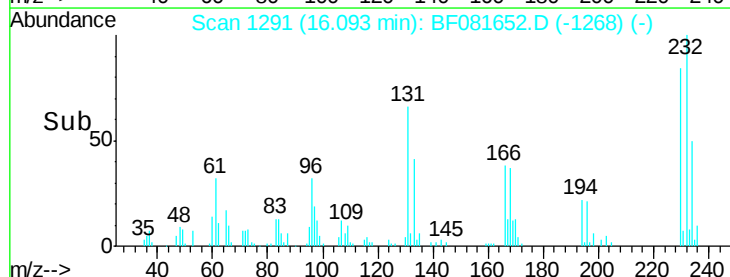
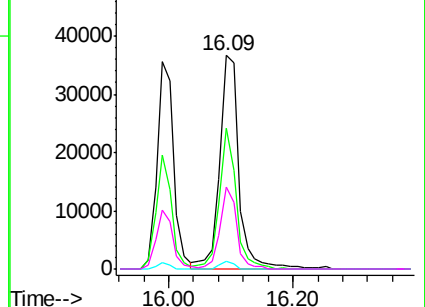


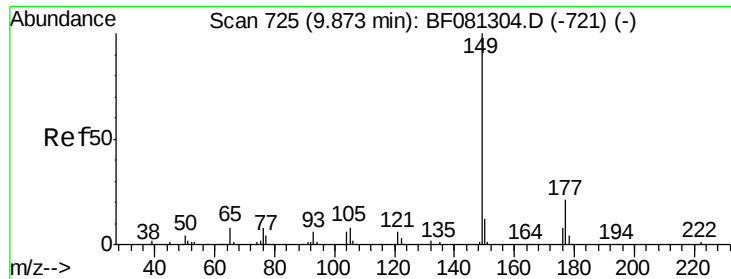
Abundance Ion 232.00 (231.70 to 232.70): E

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

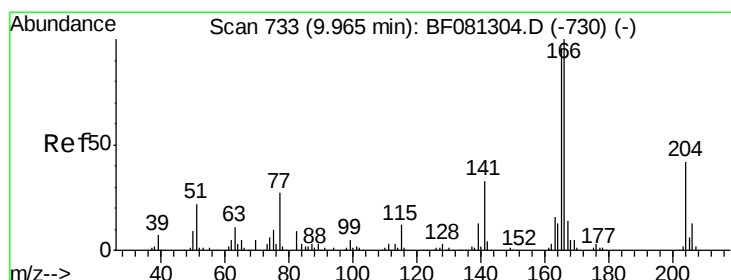
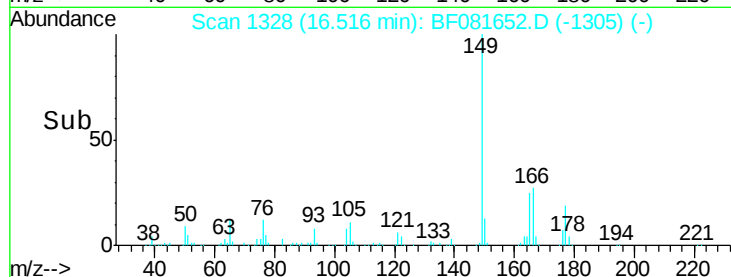
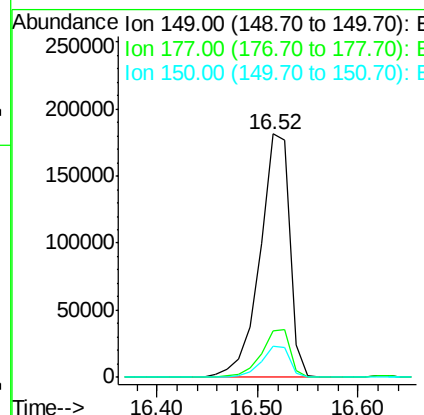
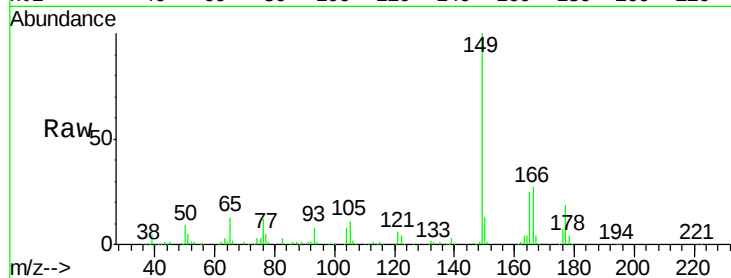




#59
Diethylphthalate
Concen: 50.24 ng
RT: 16.52 min Scan# 1328
Delta R.T. -0.03 min
Lab File: BF081652.D
Acq: 16 Sep 2015 16:47

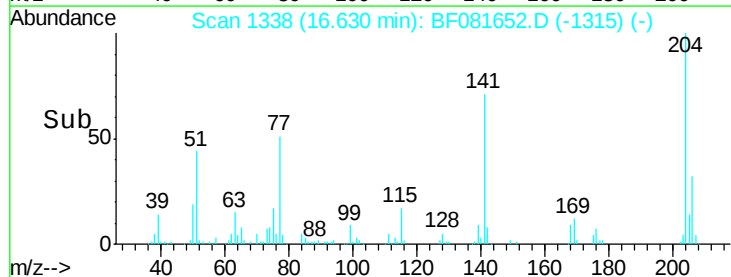
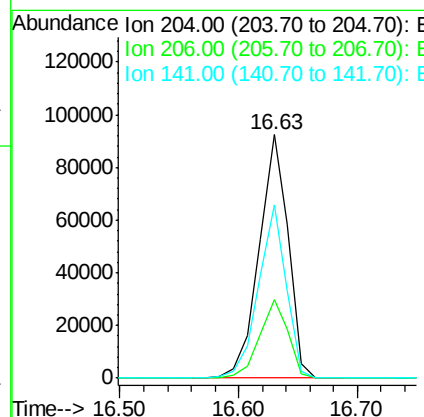
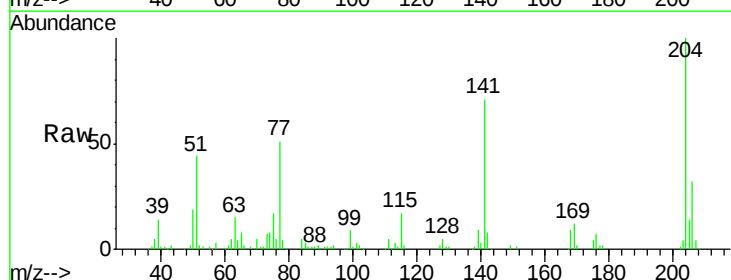
Instrument :
BNA_F
ClientSampleId :
S12MS

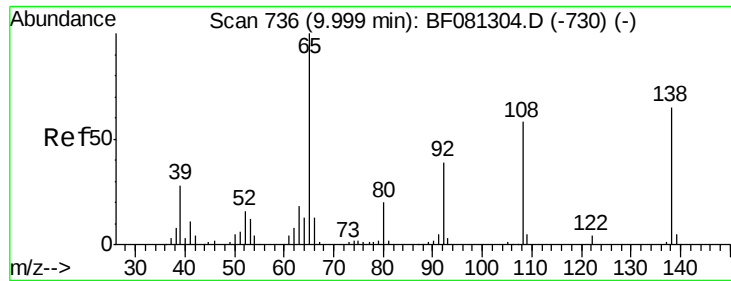
Tgt Ion:149 Resp: 371926
Ion Ratio Lower Upper
149 100
177 18.9 17.5 26.3
150 12.9 9.4 14.2



#60
4-Chlorophenyl-phenylether
Concen: 50.12 ng
RT: 16.63 min Scan# 1338
Delta R.T. -0.03 min
Lab File: BF081652.D
Acq: 16 Sep 2015 16:47

Tgt Ion:204 Resp: 157213
Ion Ratio Lower Upper
204 100
206 32.1 24.8 37.2
141 71.0 42.2 63.4#

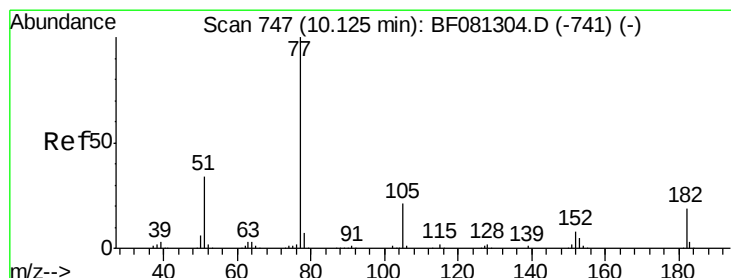
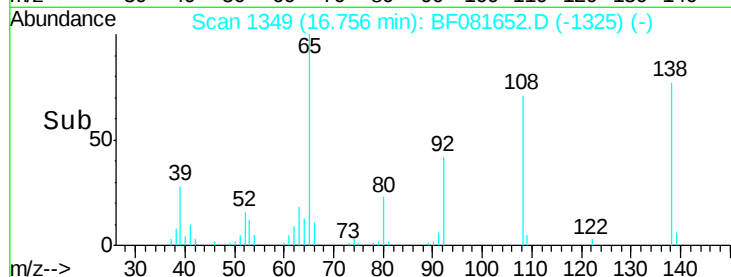
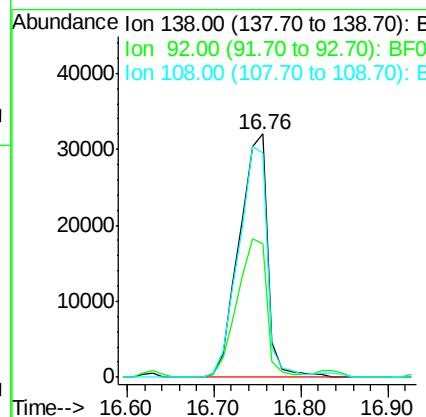
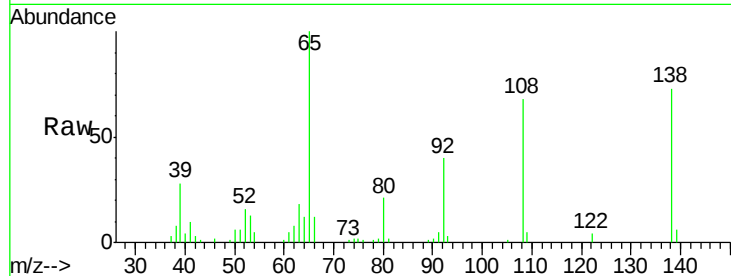




#61
4-Nitroaniline
Concen: 39.79 ng
RT: 16.76 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BF081652.D
Acq: 16 Sep 2015 16:47

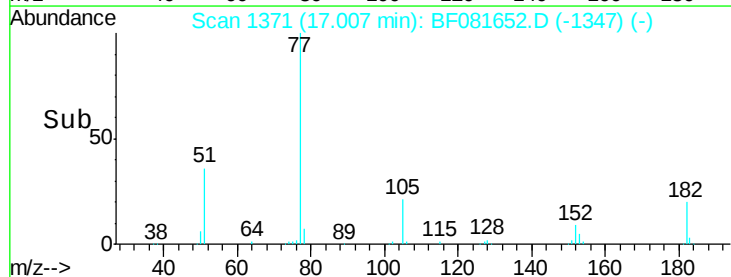
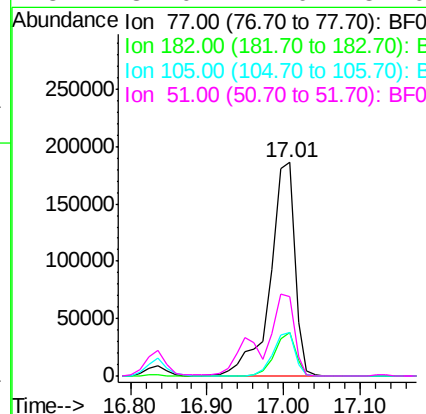
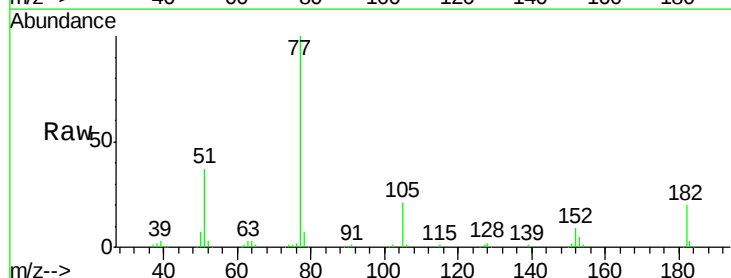
Instrument :
BNA_F
ClientSampleId :
S12MS

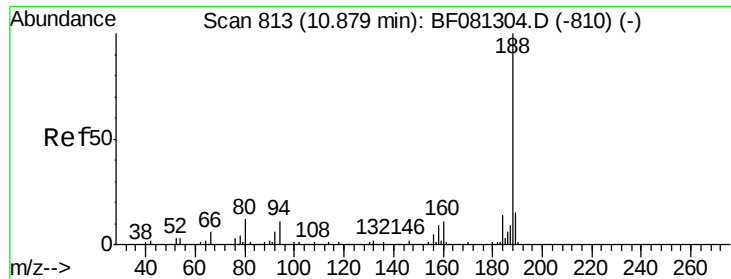
Tgt Ion: 138 Resp: 73103
Ion Ratio Lower Upper
138 100
92 54.9 12.6 52.6#
108 92.3 12.4 52.4#



#62
Azobenzene
Concen: 50.37 ng
RT: 17.01 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BF081652.D
Acq: 16 Sep 2015 16:47

Tgt Ion: 77 Resp: 414621
Ion Ratio Lower Upper
77 100
182 20.2 15.1 55.1
105 20.7 3.4 43.4
51 37.0 12.0 52.0

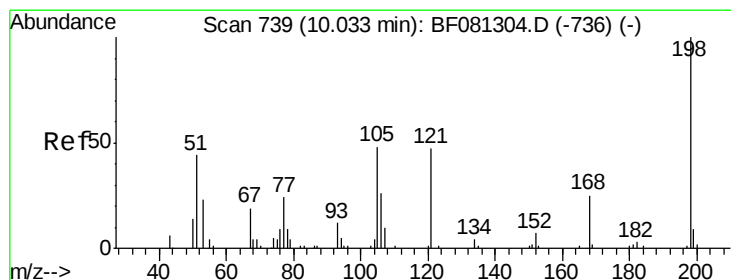
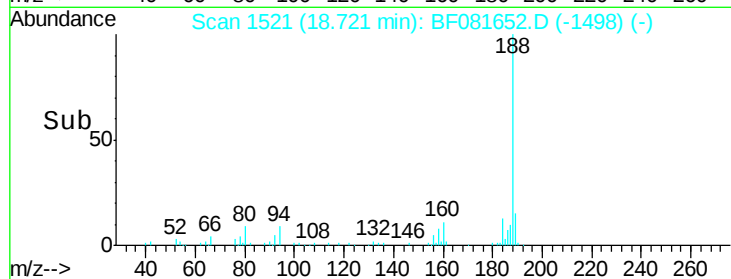
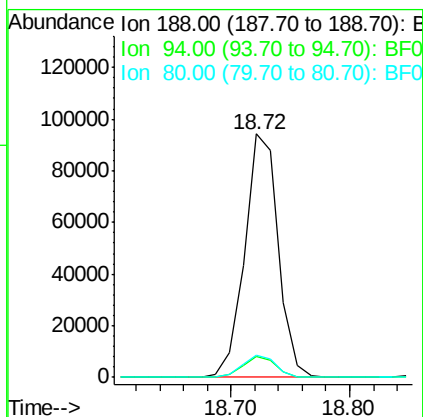
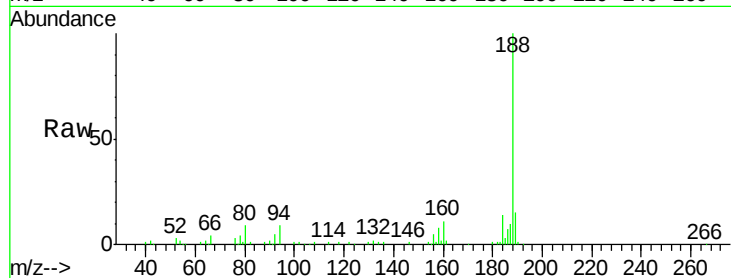




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.72 min Scan# 1521
Delta R.T. -0.03 min
Lab File: BF081652.D
Acq: 16 Sep 2015 16:47

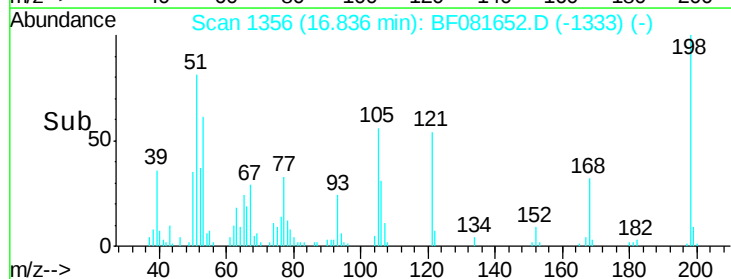
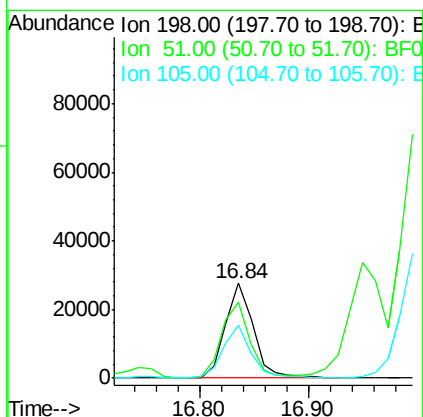
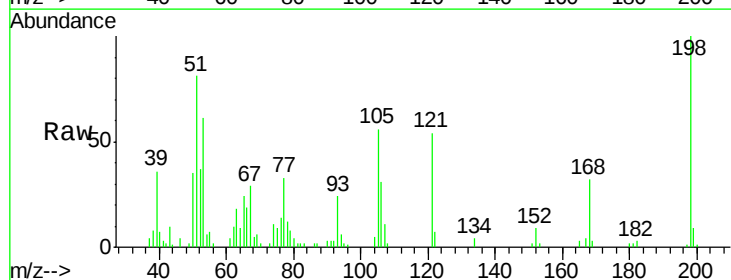
Instrument :
BNA_F
ClientSampleId :
S12MS

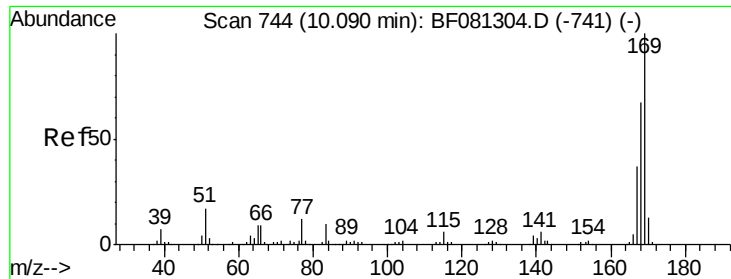
Tgt Ion:188 Resp: 185437
Ion Ratio Lower Upper
188 100
94 8.8 11.1 16.7#
80 9.2 11.0 16.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 47.02 ng
RT: 16.84 min Scan# 1356
Delta R.T. -0.03 min
Lab File: BF081652.D
Acq: 16 Sep 2015 16:47

Tgt Ion:198 Resp: 48768
Ion Ratio Lower Upper
198 100
51 80.6 39.6 79.6#
105 56.3 28.5 68.5





#65

n-Nitrosodiphenylamine

Concen: 43.09 ng

RT: 16.96 min Scan# 1367

Delta R.T. -0.02 min

Lab File: BF081652.D

Acq: 16 Sep 2015 16:47

Instrument :

BNA_F

ClientSampleId :

S12MS

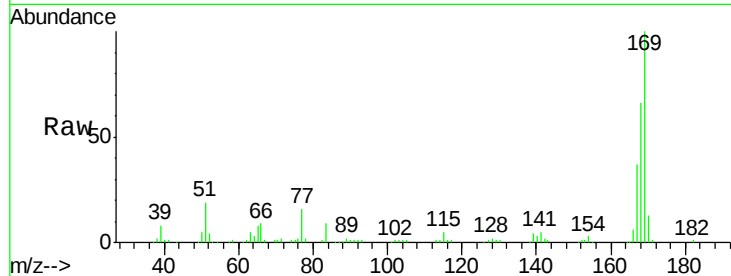
Tgt Ion:169 Resp: 290739

Ion Ratio Lower Upper

169 100

168 65.7 48.9 73.3

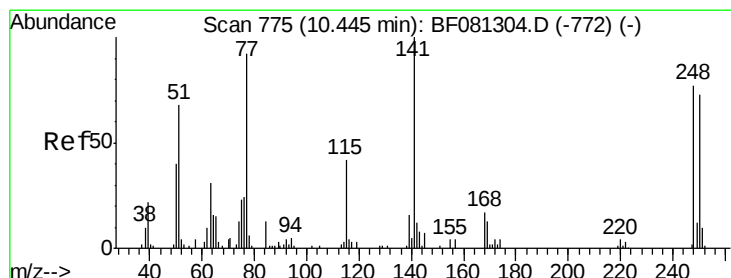
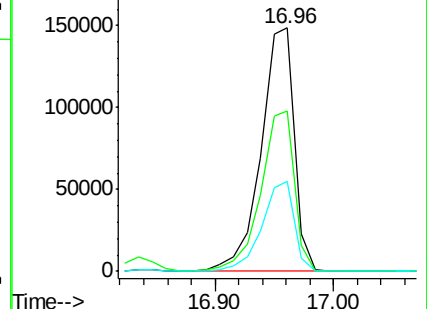
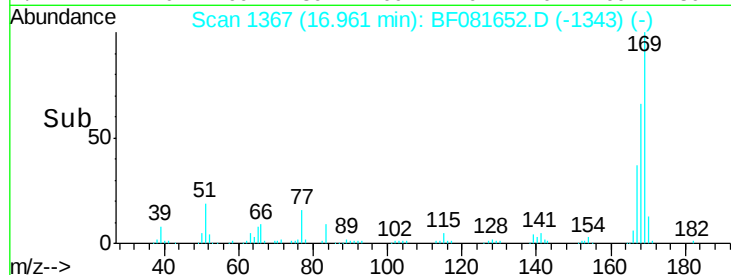
167 37.1 26.2 39.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.72 ng

RT: 17.77 min Scan# 1438

Delta R.T. -0.03 min

Lab File: BF081652.D

Acq: 16 Sep 2015 16:47

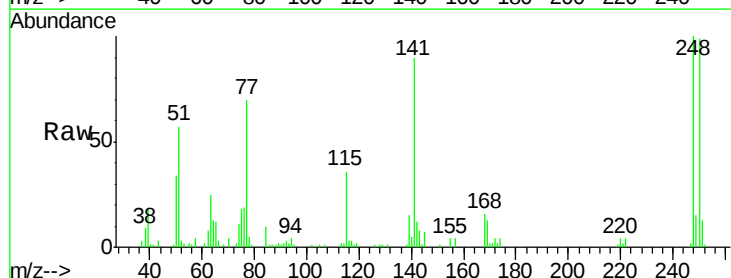
Tgt Ion:248 Resp: 87601

Ion Ratio Lower Upper

248 100

250 99.3 78.5 117.7

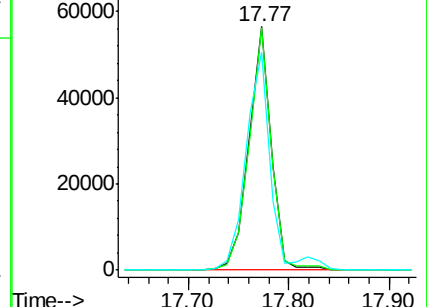
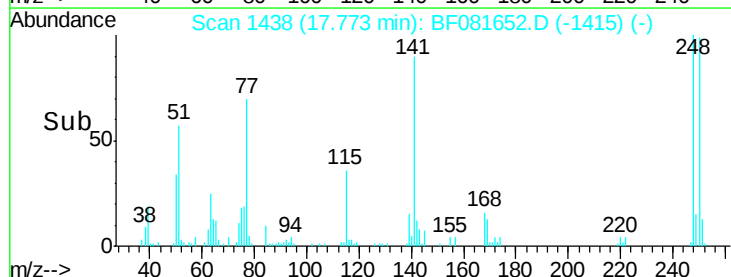
141 89.5 59.0 88.6#



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

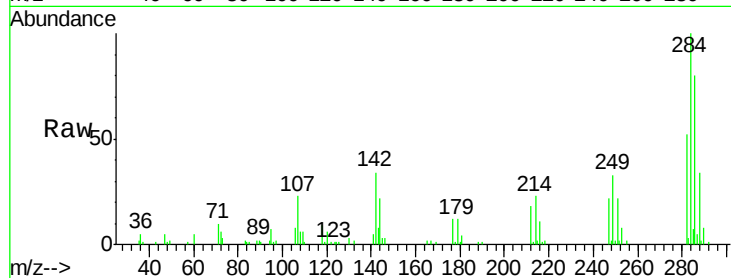




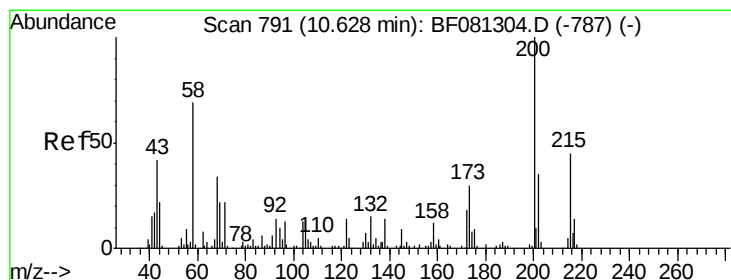
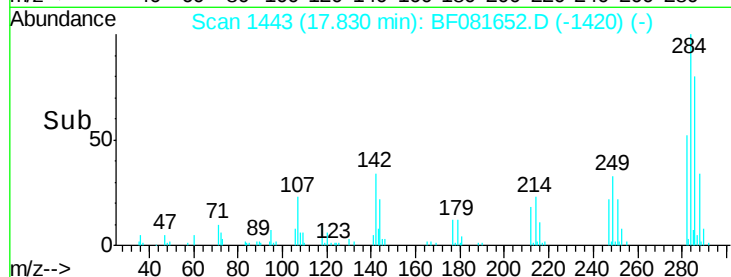
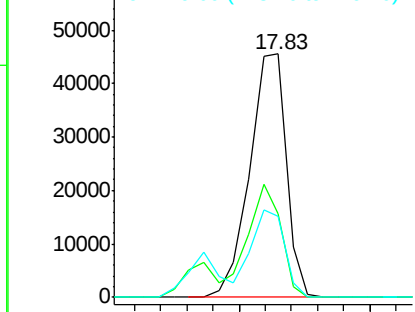
#67
Hexachlorobenzene
Concen: 45.70 ng
RT: 17.83 min Scan# 1443
Delta R.T. -0.03 min
Lab File: BF081652.D
Acq: 16 Sep 2015 16:47

Instrument :
BNA_F
ClientSampleId :
S12MS

Tgt Ion: 284 Resp: 89594
Ion Ratio Lower Upper
284 100
142 34.3 29.5 44.3
249 33.2 19.5 29.3#

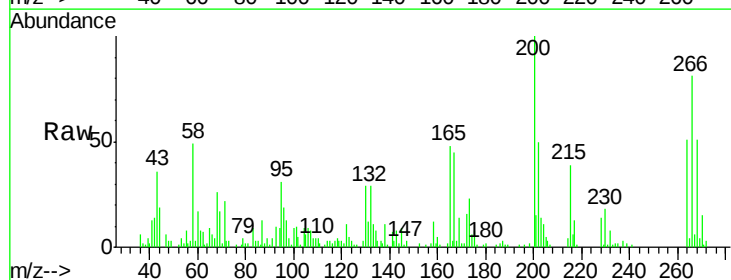


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

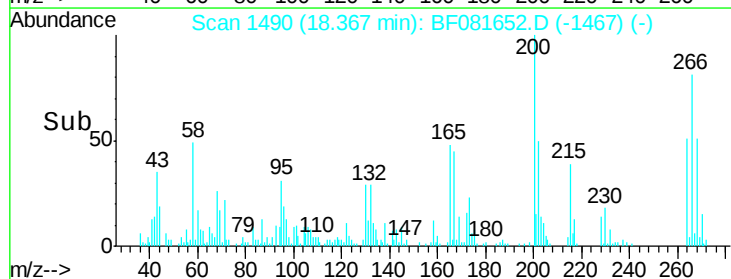
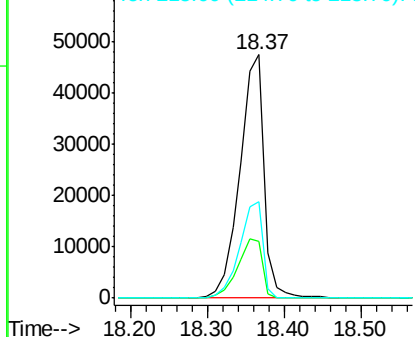


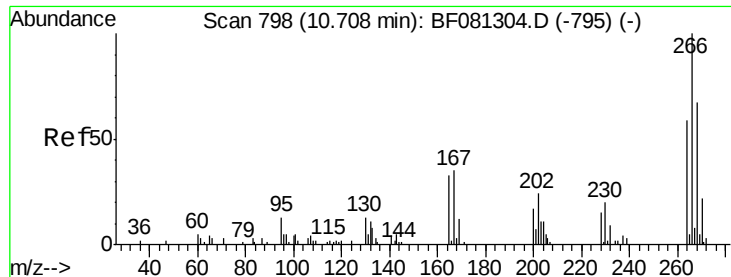
#68
Atrazine
Concen: 53.44 ng
RT: 18.37 min Scan# 1490
Delta R.T. -0.03 min
Lab File: BF081652.D
Acq: 16 Sep 2015 16:47

Tgt Ion: 200 Resp: 104352
Ion Ratio Lower Upper
200 100
173 23.1 13.2 53.2
215 39.4 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

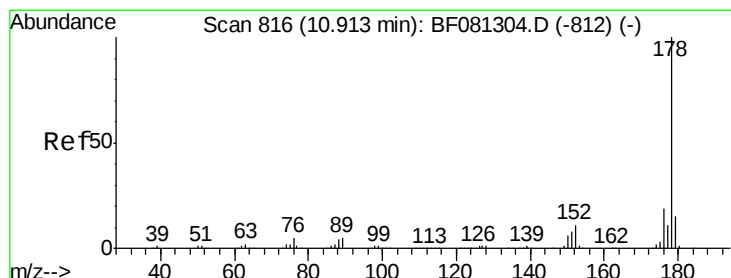
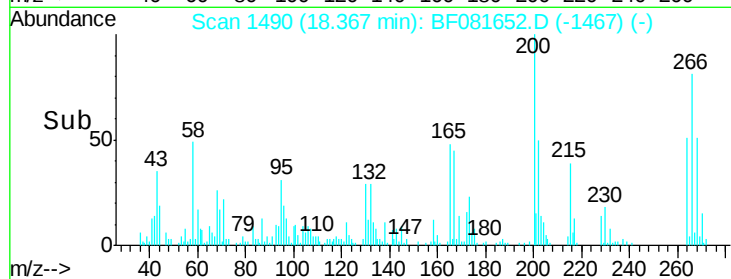
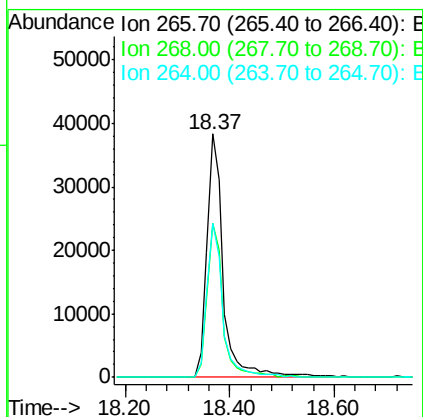
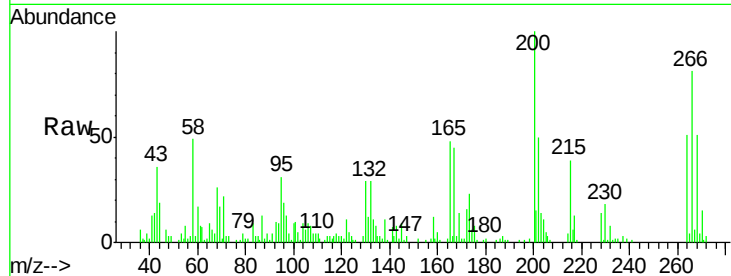




#69
 Pentachlorophenol
 Concen: 86.45 ng
 RT: 18.37 min Scan# 1490
 Delta R.T. -0.03 min
 Lab File: BF081652.D
 Acq: 16 Sep 2015 16:47

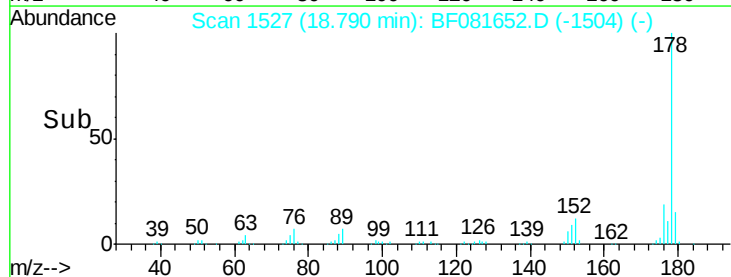
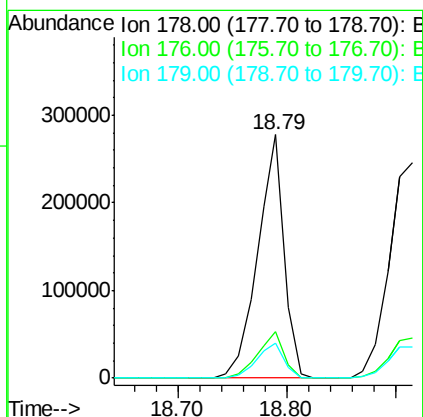
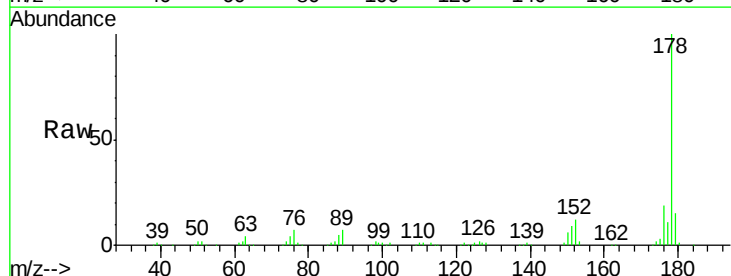
Instrument :
 BNA_F
 ClientSampleID :
 S12MS

Tgt Ion: 266 Resp: 83262
 Ion Ratio Lower Upper
 266 100
 268 63.4 49.8 74.6
 264 63.2 50.2 75.2



#70
 Phenanthrene
 Concen: 45.31 ng
 RT: 18.79 min Scan# 1527
 Delta R.T. -0.03 min
 Lab File: BF081652.D
 Acq: 16 Sep 2015 16:47

Tgt Ion: 178 Resp: 467130
 Ion Ratio Lower Upper
 178 100
 176 19.2 13.8 20.8
 179 14.6 12.2 18.2

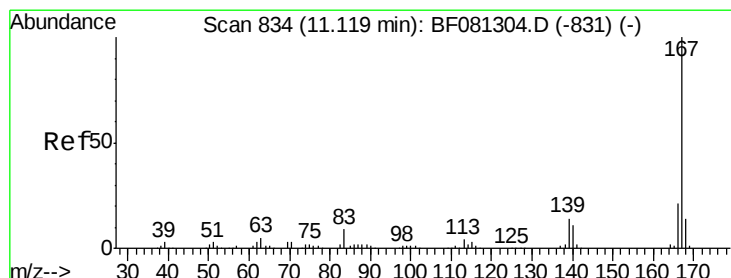
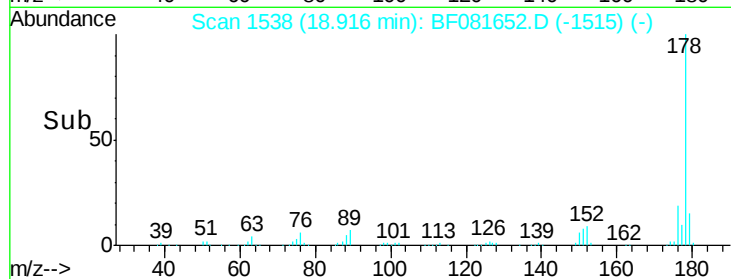
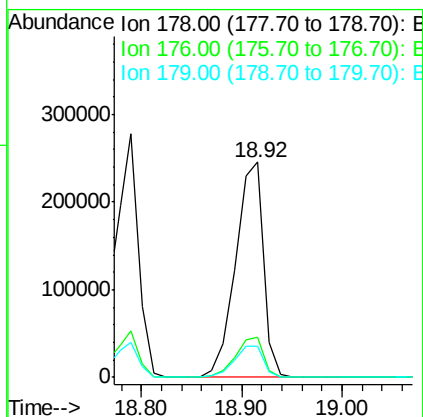
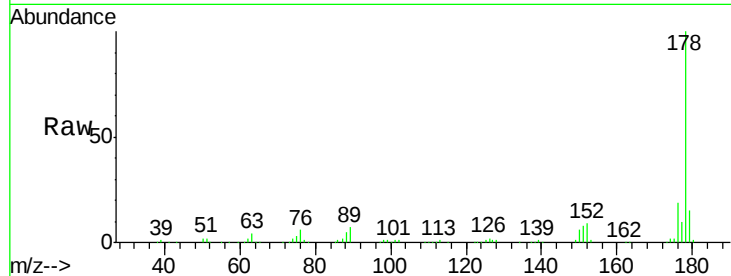




#71
 Anthracene
 Concen: 44.61 ng
 RT: 18.92 min Scan# 1538
 Delta R.T. -0.03 min
 Lab File: BF081652.D
 Acq: 16 Sep 2015 16:47

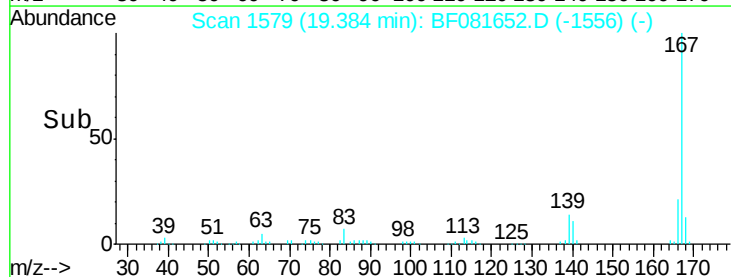
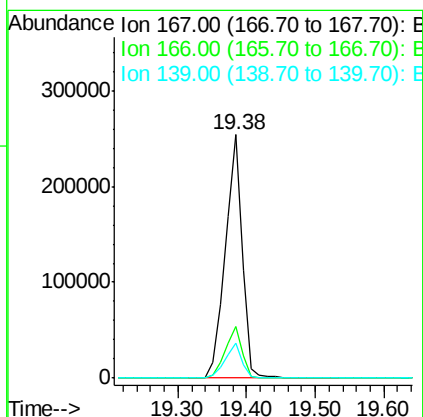
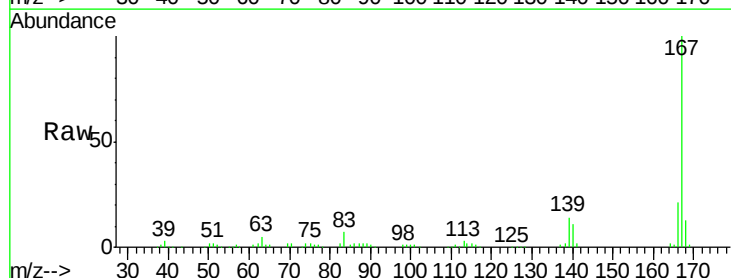
Instrument :
 BNA_F
 ClientSampleId :
 S12MS

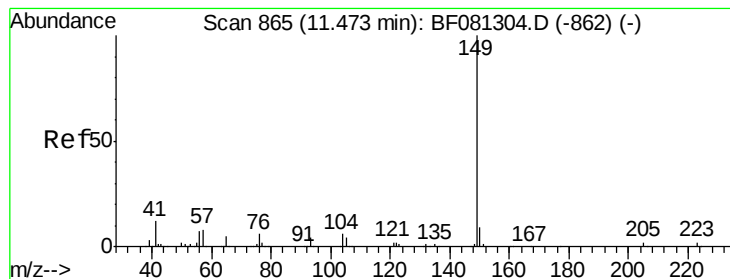
Tgt Ion:178 Resp: 472481
 Ion Ratio Lower Upper
 178 100
 176 18.9 14.1 21.1
 179 14.8 12.2 18.2



#72
 Carbazole
 Concen: 44.94 ng
 RT: 19.38 min Scan# 1579
 Delta R.T. -0.03 min
 Lab File: BF081652.D
 Acq: 16 Sep 2015 16:47

Tgt Ion:167 Resp: 446619
 Ion Ratio Lower Upper
 167 100
 166 21.3 15.7 23.5
 139 14.2 9.5 14.3





#73

Di-n-butylphthalate

Concen: 49.42 ng

RT: 20.44 min Scan# 1671

Delta R.T. -0.03 min

Lab File: BF081652.D

Acq: 16 Sep 2015 16:47

Instrument :

BNA_F

ClientSampleId :

S12MS

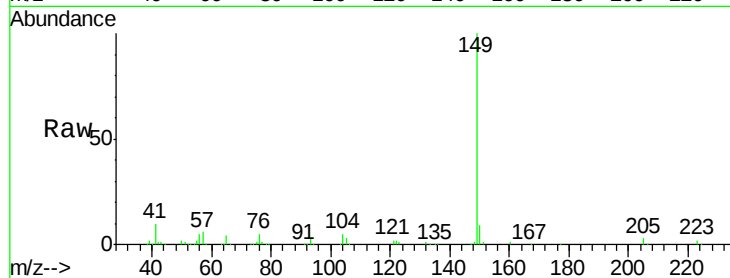
Tgt Ion:149 Resp: 579964

Ion Ratio Lower Upper

149 100

150 8.7 7.4 11.2

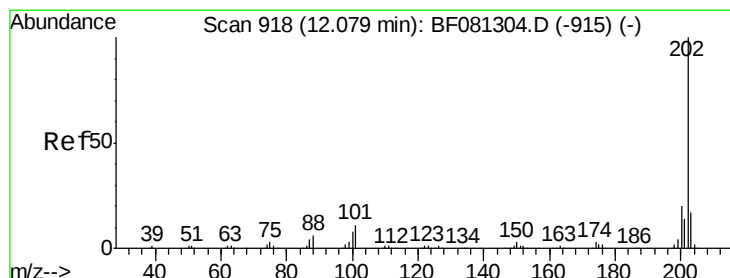
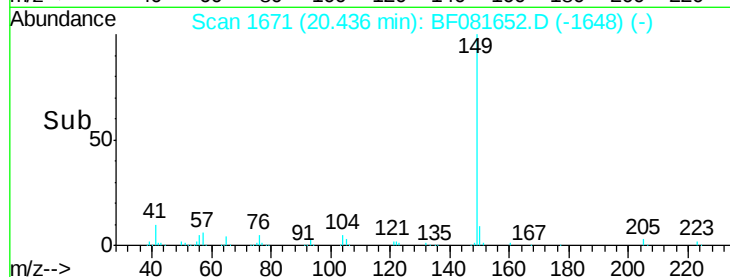
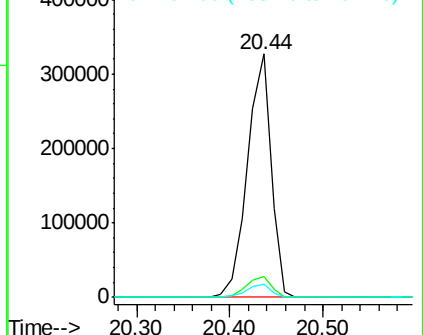
104 5.2 2.4 3.6#



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: 46.20 ng

RT: 21.41 min Scan# 1756

Delta R.T. -0.02 min

Lab File: BF081652.D

Acq: 16 Sep 2015 16:47

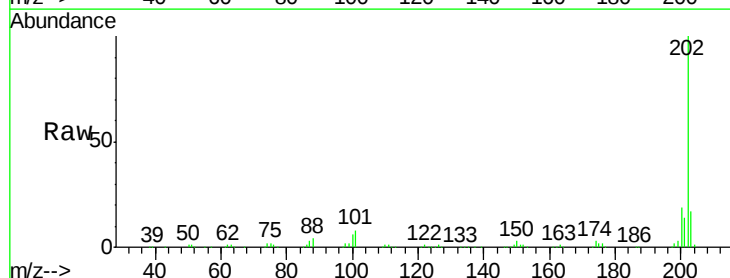
Tgt Ion:202 Resp: 515551

Ion Ratio Lower Upper

202 100

101 8.3 0.0 38.3

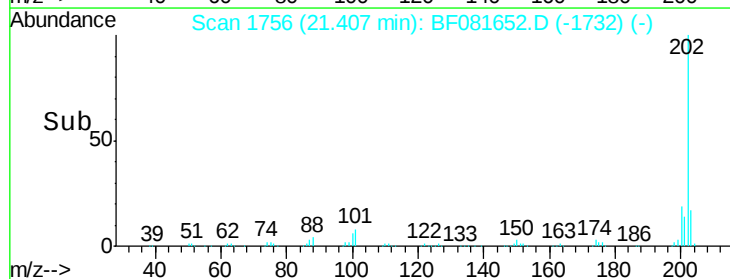
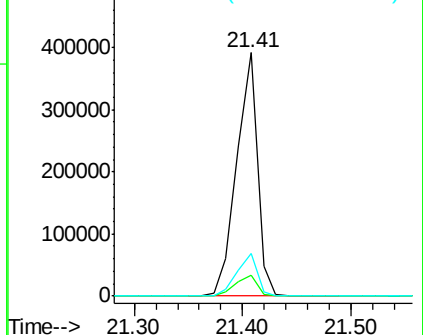
203 17.5 0.0 37.3

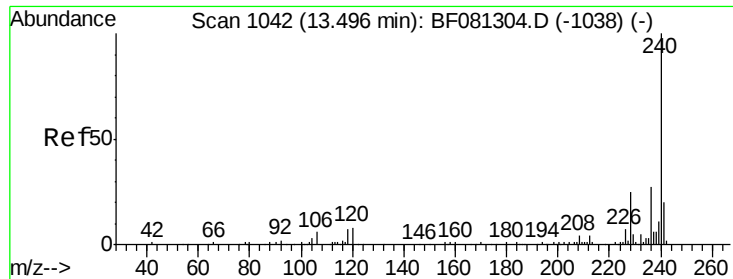


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF081652.D

Acq: 16 Sep 2015 16:47

Instrument :

BNA_F

ClientSampleId :

S12MS

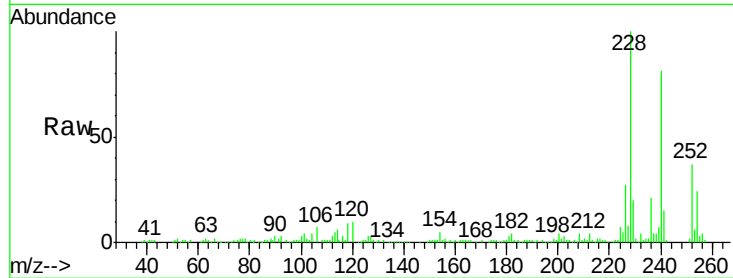
Tgt Ion:240 Resp: 148579

Ion Ratio Lower Upper

240 100

120 12.5 16.2 24.2#

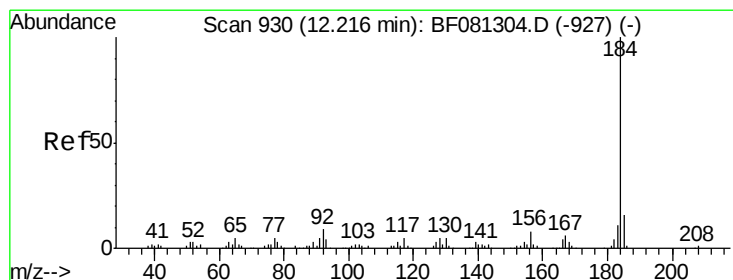
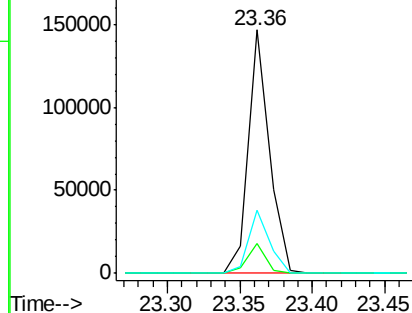
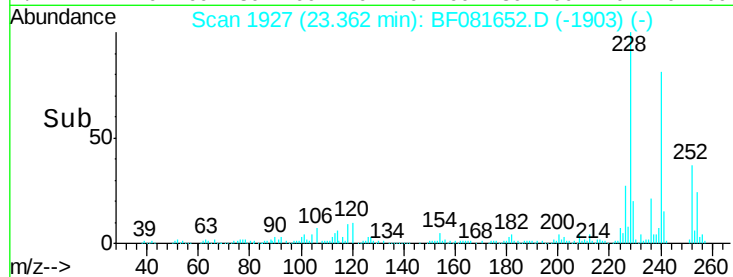
236 26.0 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 26.51 ng

RT: 21.72 min Scan# 1783

Delta R.T. -0.02 min

Lab File: BF081652.D

Acq: 16 Sep 2015 16:47

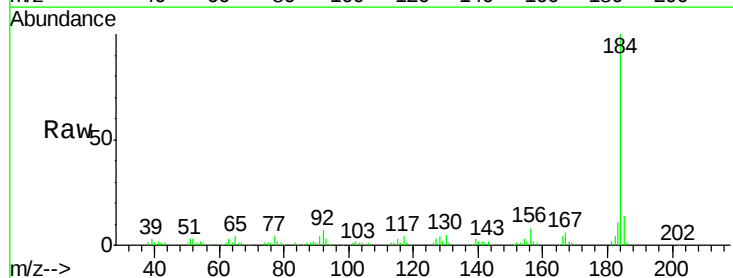
Tgt Ion:184 Resp: 169076

Ion Ratio Lower Upper

184 100

185 14.2 11.8 17.6

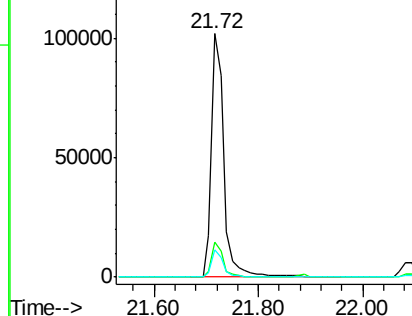
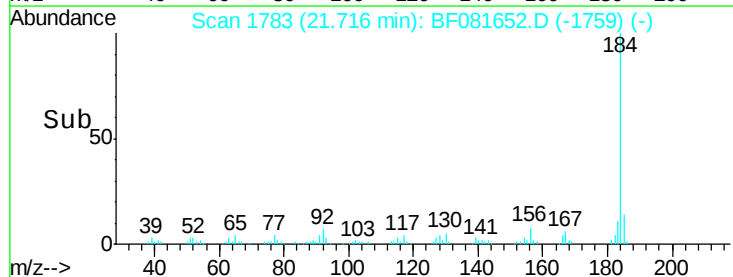
183 11.0 7.6 11.4

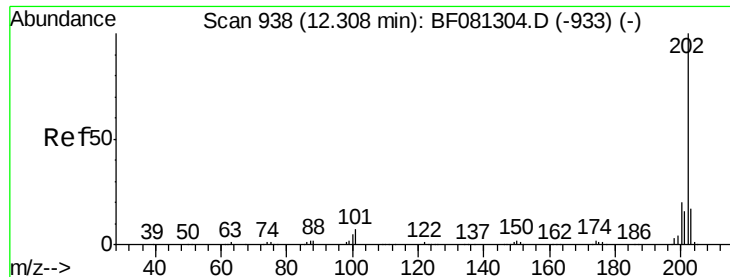


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

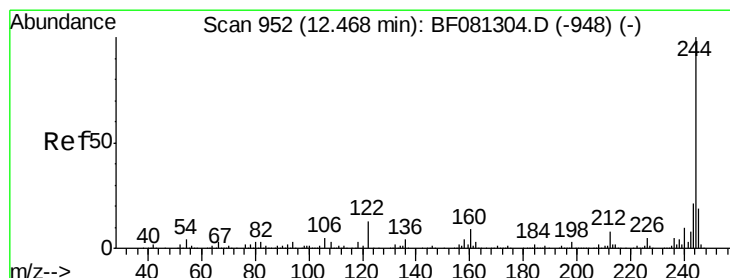
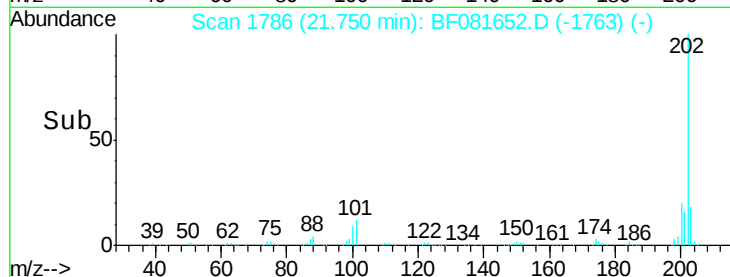
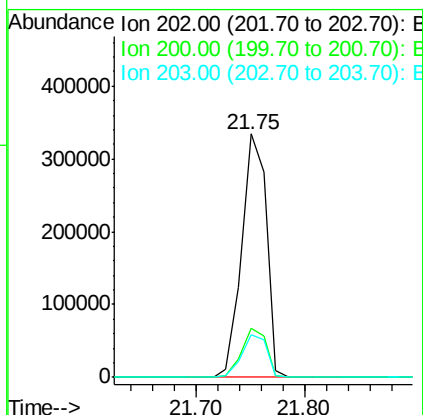
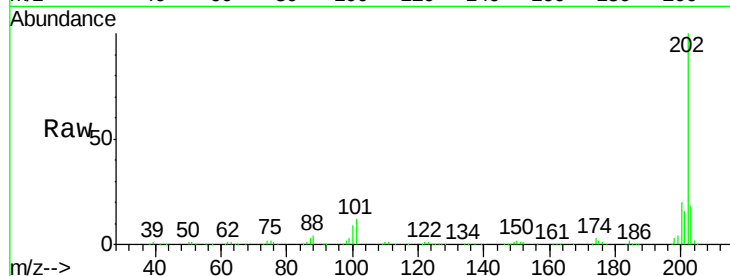




#77
 Pyrene
 Concen: 47.60 ng
 RT: 21.75 min Scan# 1786
 Delta R.T. -0.03 min
 Lab File: BF081652.D
 Acq: 16 Sep 2015 16:47

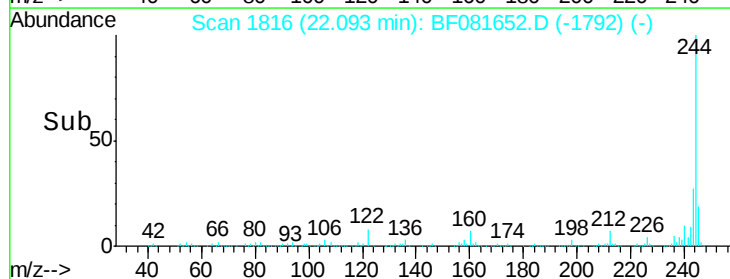
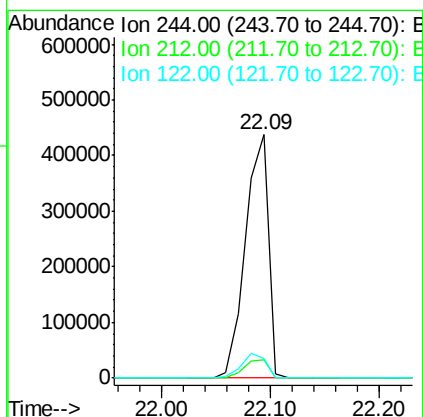
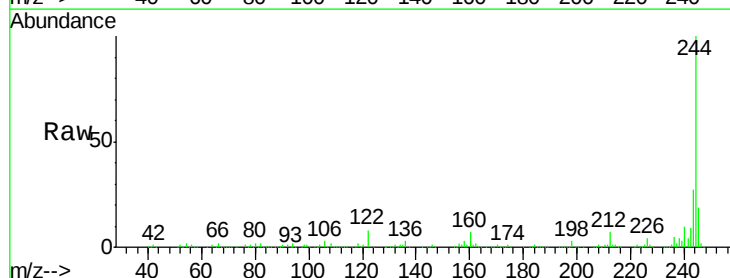
Instrument :
 BNA_F
 ClientSampleId :
 S12MS

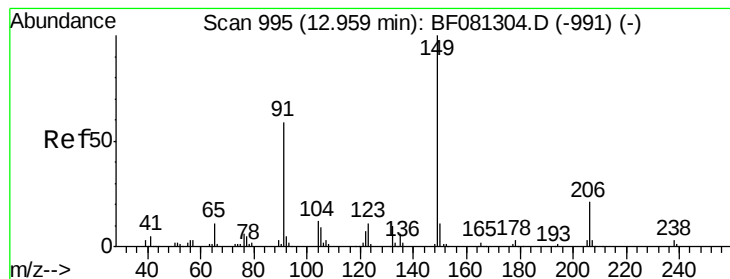
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.2	15.0	22.4
203	17.7	14.1	21.1



#78
 Terphenyl-d14
 Concen: 100.15 ng
 RT: 22.09 min Scan# 1816
 Delta R.T. -0.02 min
 Lab File: BF081652.D
 Acq: 16 Sep 2015 16:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	4.3	6.5#
122	7.8	17.4	26.2#





#79

Butylbenzylphthalate

Concen: 48.42 ng

RT: 22.78 min Scan# 1876

Delta R.T. -0.02 min

Lab File: BF081652.D

Acq: 16 Sep 2015 16:47

Instrument :

BNA_F

ClientSampleId :

S12MS

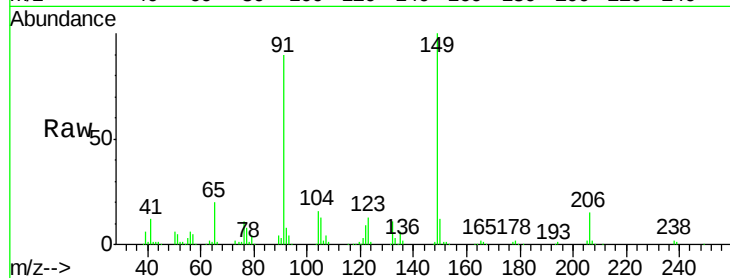
Tgt Ion:149 Resp: 231748

Ion Ratio Lower Upper

149 100

91 90.2 48.6 72.8#

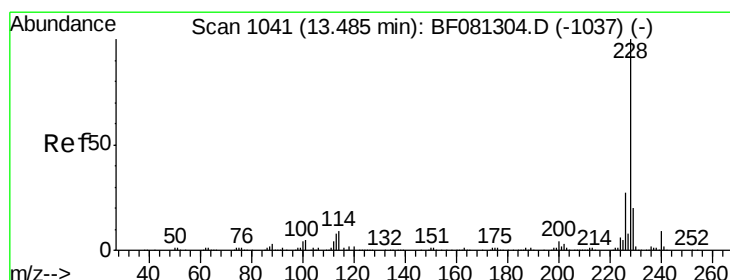
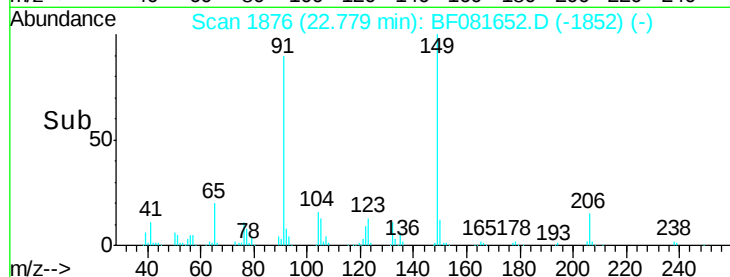
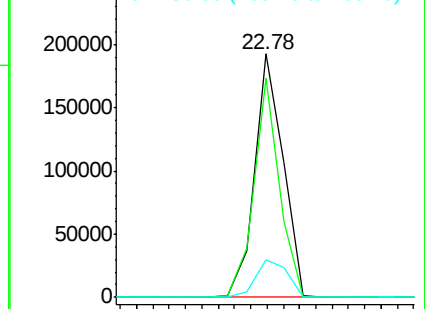
206 15.2 14.9 22.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 45.82 ng

RT: 23.35 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BF081652.D

Acq: 16 Sep 2015 16:47

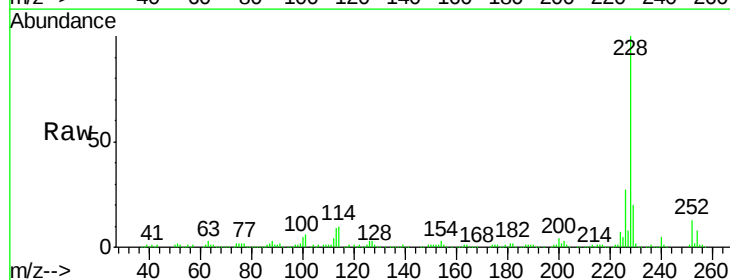
Tgt Ion:228 Resp: 433529

Ion Ratio Lower Upper

228 100

226 27.0 20.0 30.0

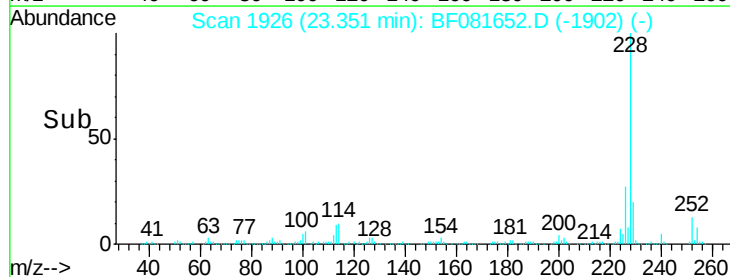
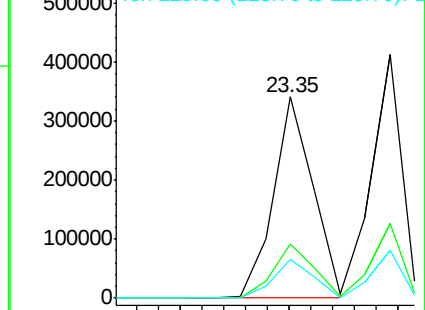
229 19.6 15.4 23.2

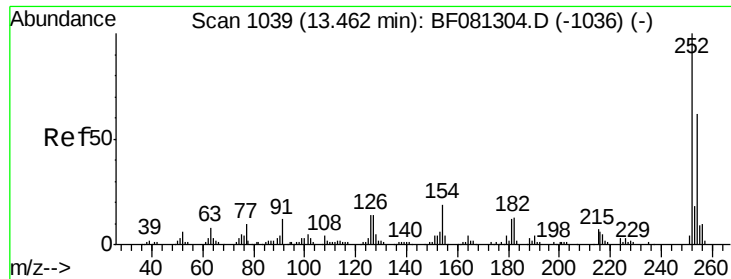


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

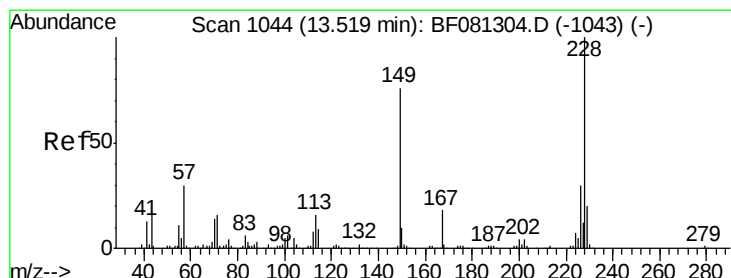
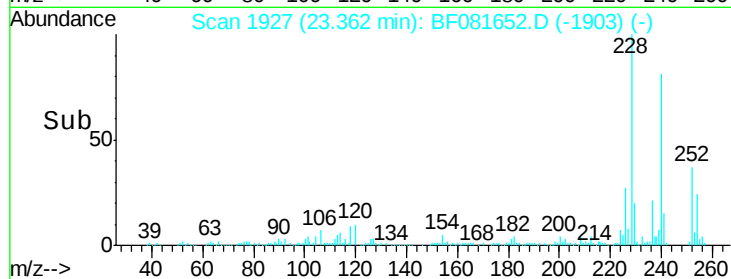
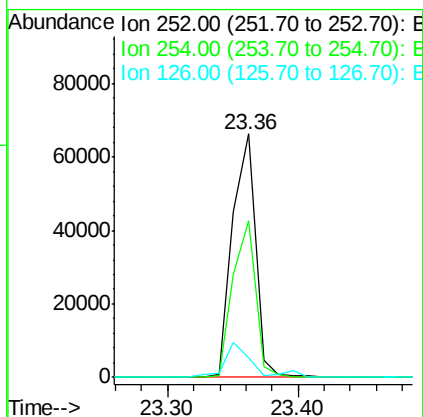
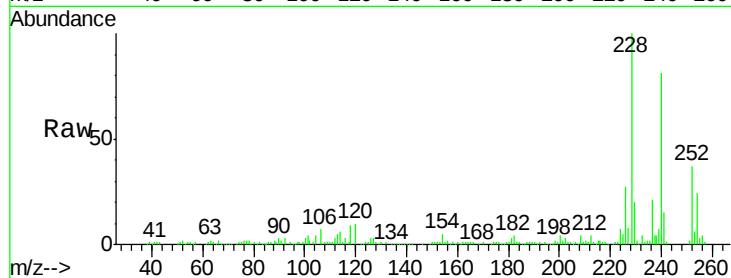




#81
 3,3'-Dichlorobenzidine
 Concen: 25.53 ng
 RT: 23.36 min Scan# 1927
 Delta R.T. -0.02 min
 Lab File: BF081652.D
 Acq: 16 Sep 2015 16:47

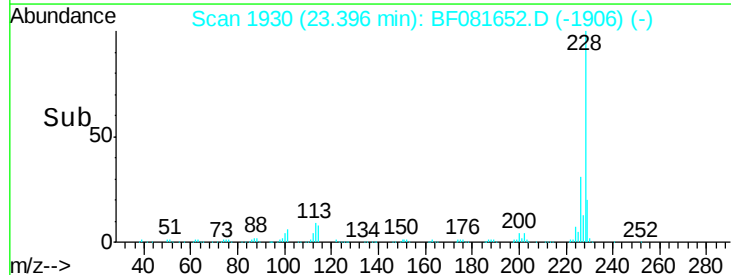
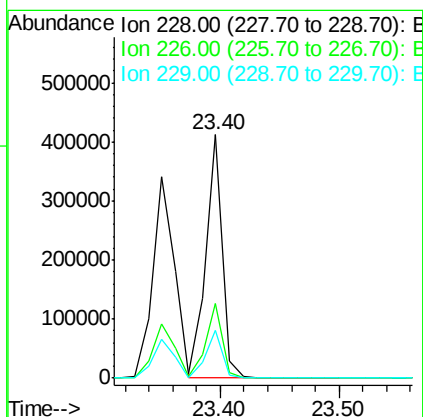
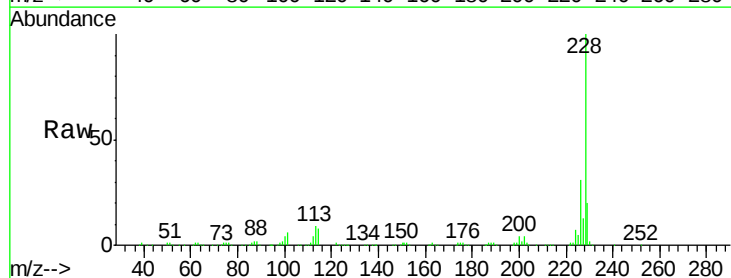
Instrument :
 BNA_F
 ClientSampleId :
 S12MS

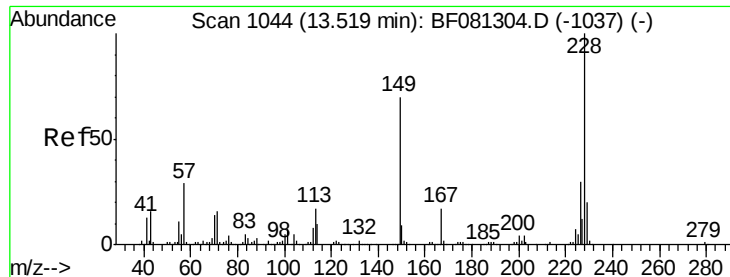
Tgt Ion: 252 Resp: 81474
 Ion Ratio Lower Upper
 252 100
 254 64.5 51.4 77.2
 126 8.1 16.4 24.6#



#82
 Chrysene
 Concen: 47.01 ng
 RT: 23.40 min Scan# 1930
 Delta R.T. -0.02 min
 Lab File: BF081652.D
 Acq: 16 Sep 2015 16:47

Tgt Ion: 228 Resp: 398746
 Ion Ratio Lower Upper
 228 100
 226 30.8 21.0 31.4
 229 19.9 15.6 23.4

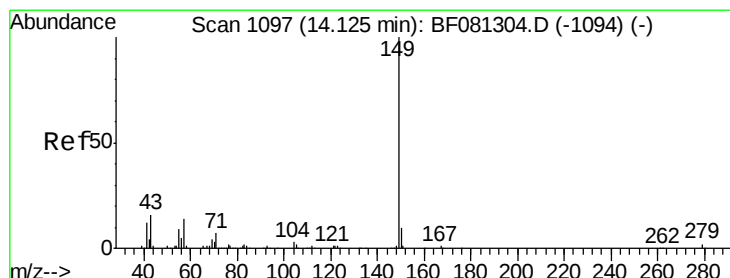
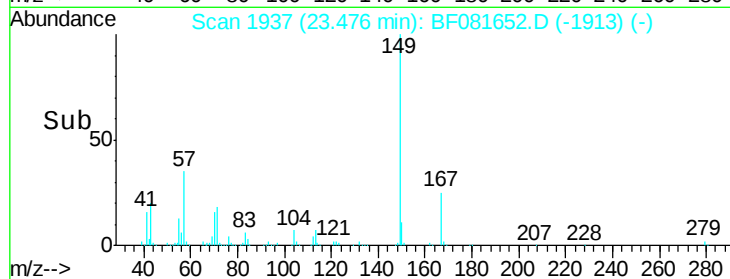
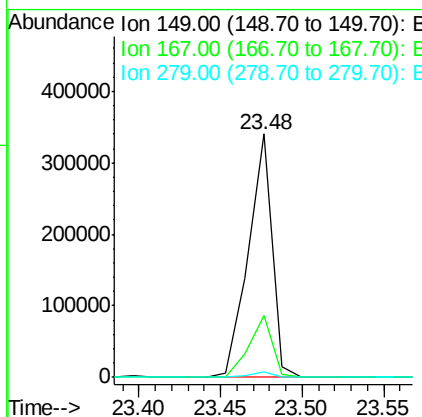
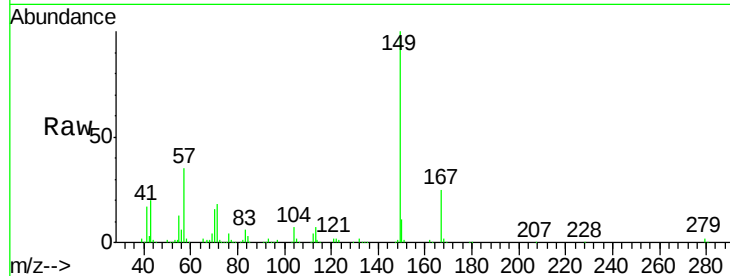




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.30 ng
 RT: 23.48 min Scan# 1937
 Delta R.T. -0.02 min
 Lab File: BF081652.D
 Acq: 16 Sep 2015 16:47

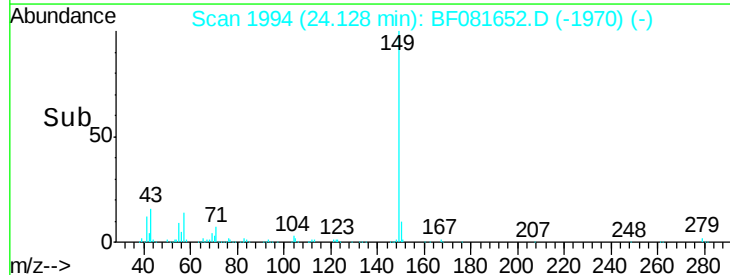
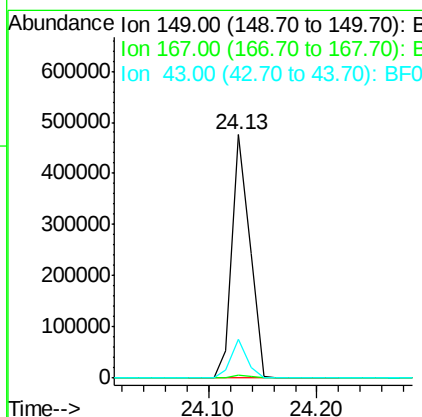
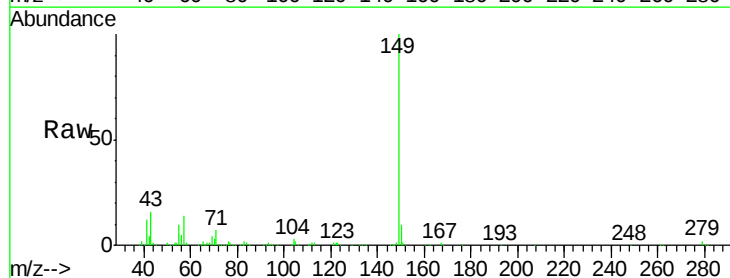
Instrument :
 BNA_F
 ClientSampleId :
 S12MS

Tgt Ion:149 Resp: 342999
 Ion Ratio Lower Upper
 149 100
 167 25.4 24.2 36.2
 279 2.5 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 51.30 ng
 RT: 24.13 min Scan# 1994
 Delta R.T. -0.02 min
 Lab File: BF081652.D
 Acq: 16 Sep 2015 16:47

Tgt Ion:149 Resp: 533540
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.0 1.6
 43 14.4 10.2 15.2

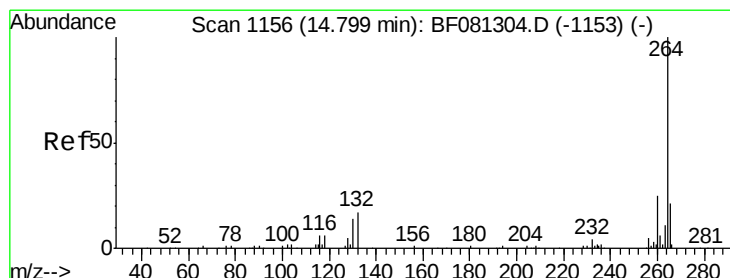
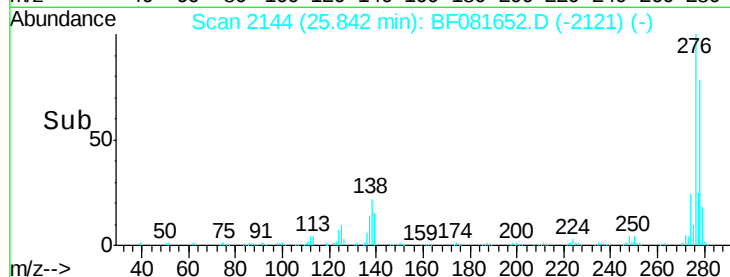
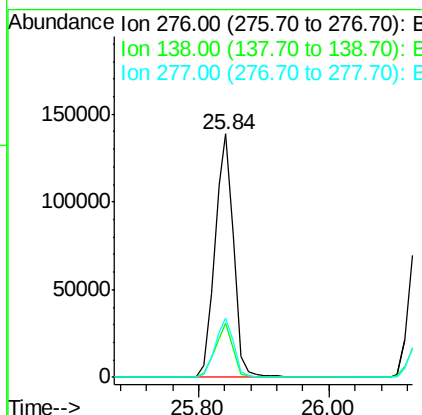
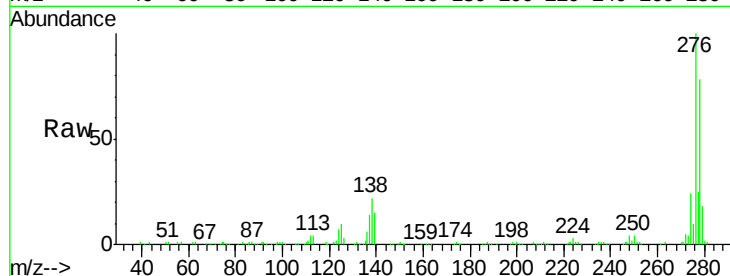




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.82 ng
 RT: 25.84 min Scan# 2144
 Delta R.T. -0.03 min
 Lab File: BF081652.D
 Acq: 16 Sep 2015 16:47

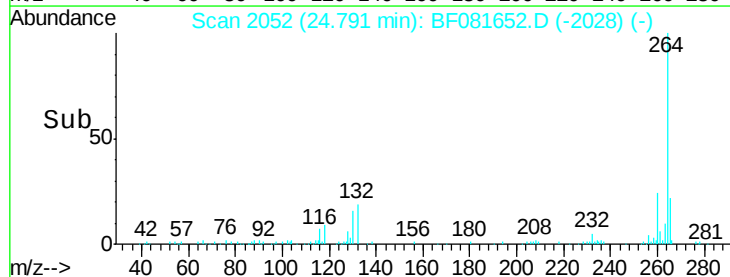
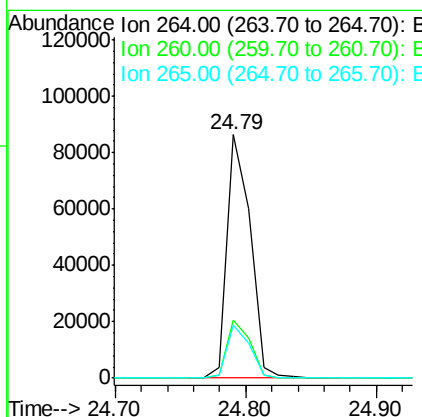
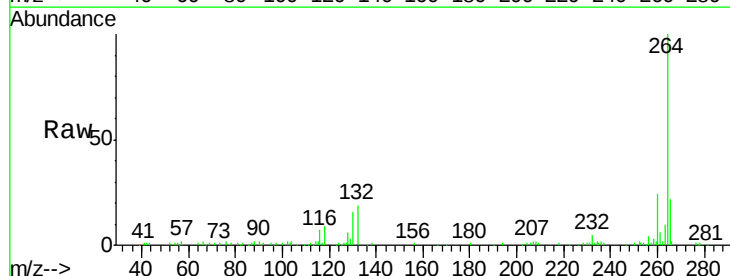
Instrument :
 BNA_F
 ClientSampleId :
 S12MS

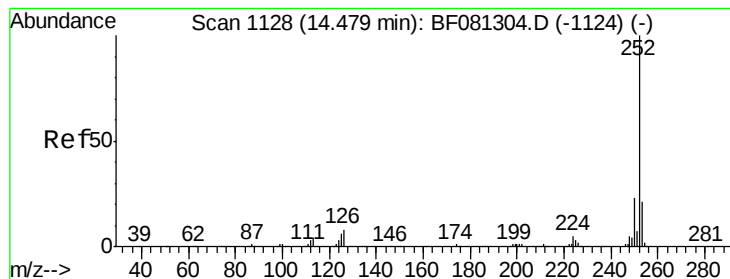
Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.2	25.7	38.5#
277	24.2	15.6	23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.79 min Scan# 2052
 Delta R.T. -0.02 min
 Lab File: BF081652.D
 Acq: 16 Sep 2015 16:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	16.7	25.1
265	21.8	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 47.18 ng m

RT: 24.46 min Scan# 2023

Delta R.T. -0.02 min

Lab File: BF081652.D

Acq: 16 Sep 2015 16:47

Instrument :

BNA_F

ClientSampleId :

S12MS

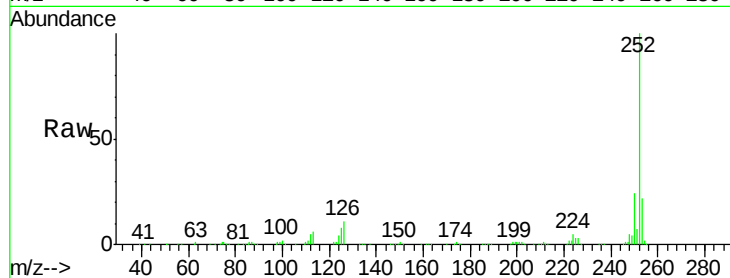
Tgt Ion:252 Resp: 360848

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

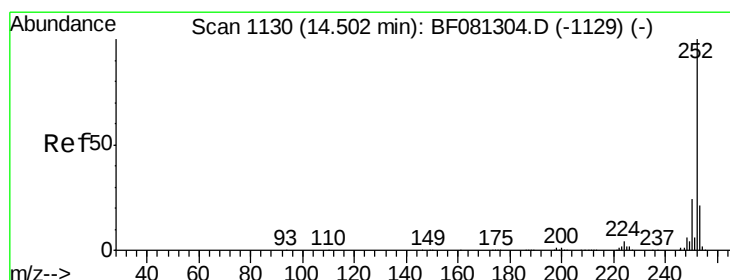
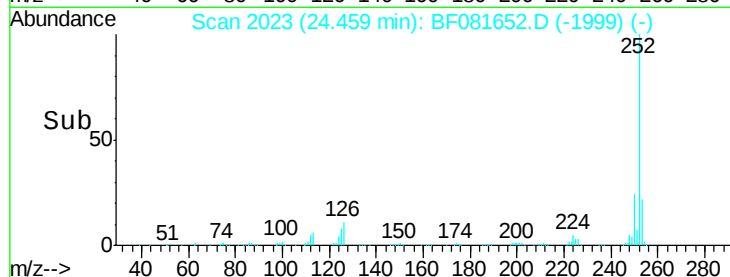
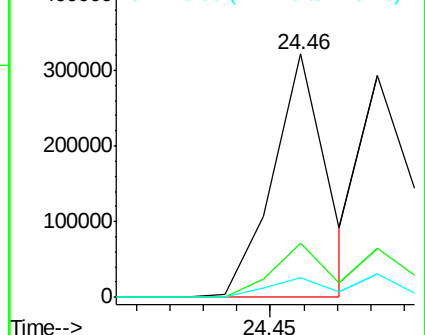
125 8.2 17.1 25.7#



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: 48.02 ng m

RT: 24.48 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF081652.D

Acq: 16 Sep 2015 16:47

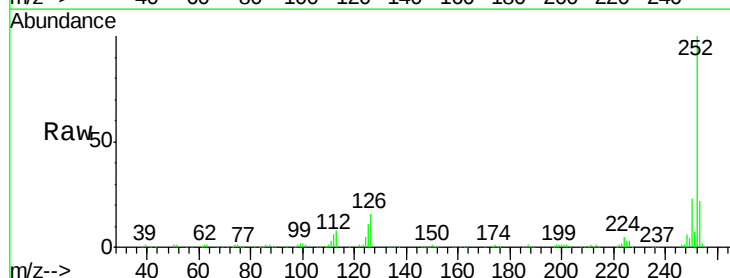
Tgt Ion:252 Resp: 304702

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.4

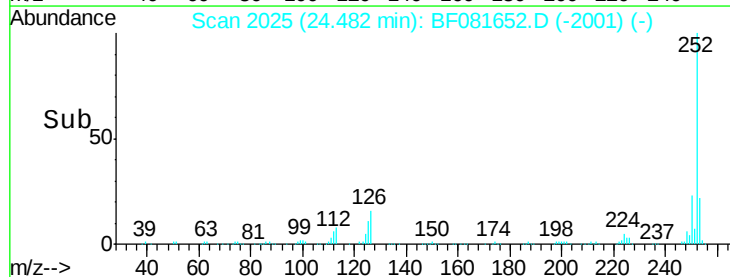
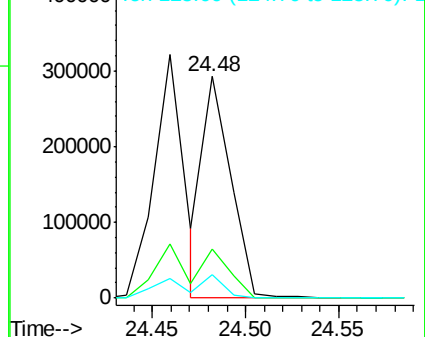
125 10.8 16.0 24.0#

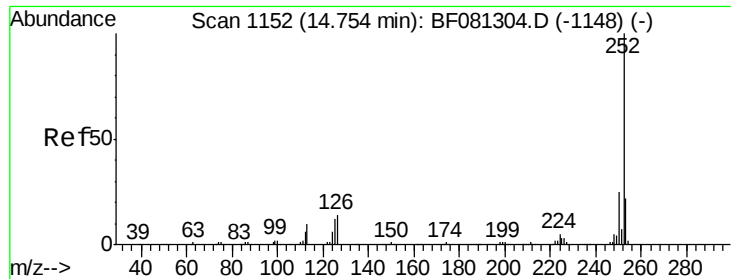


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 51.63 ng

RT: 24.76 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF081652.D

Acq: 16 Sep 2015 16:47

Instrument :

BNA_F

ClientSampleId :

S12MS

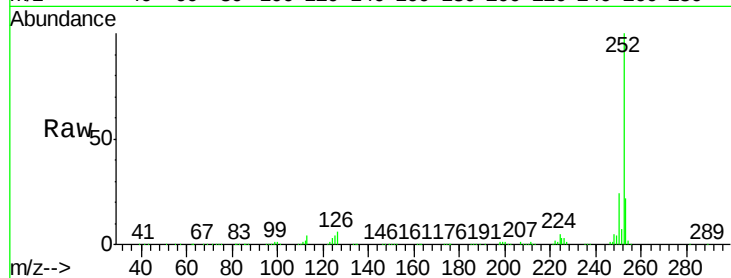
Tgt Ion:252 Resp: 334620

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

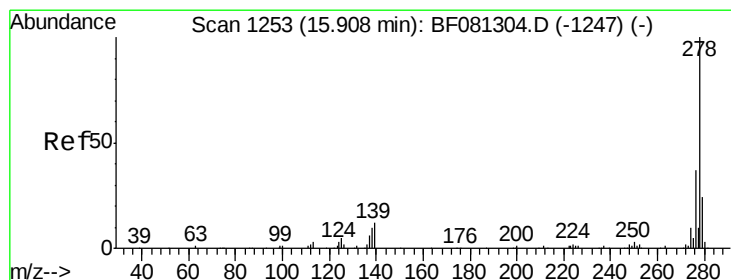
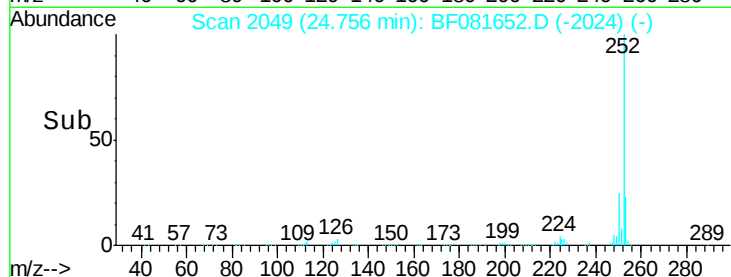
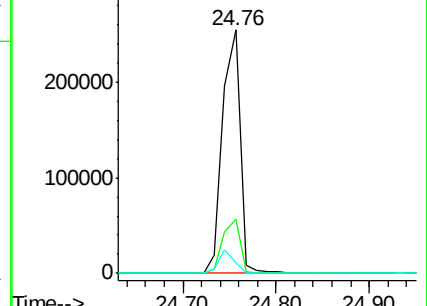
125 4.4 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 47.04 ng

RT: 25.85 min Scan# 2145

Delta R.T. -0.03 min

Lab File: BF081652.D

Acq: 16 Sep 2015 16:47

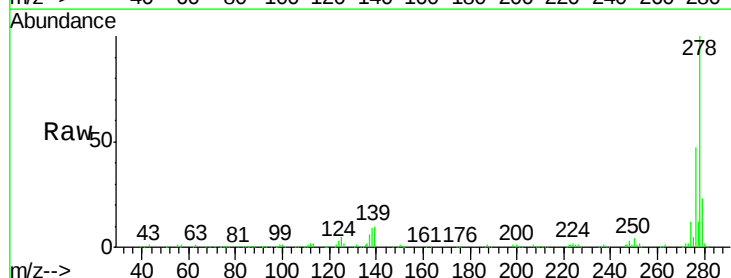
Tgt Ion:278 Resp: 235561

Ion Ratio Lower Upper

278 100

139 10.3 26.3 39.5#

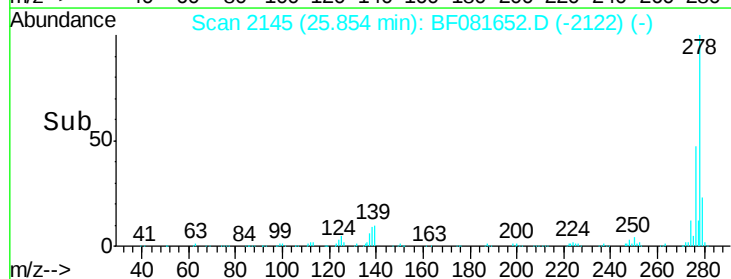
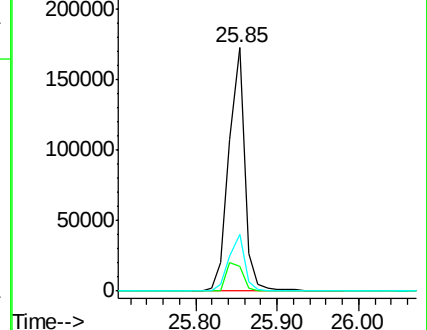
279 23.1 18.2 27.4

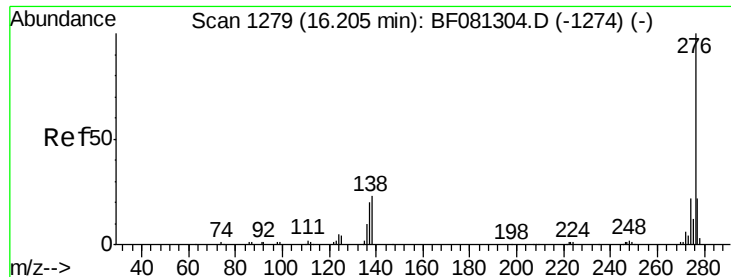


Abundance Ion 278.00 (277.70 to 278.70): E

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: 45.03 ng

RT: 26.14 min Scan# 2170

Delta R.T. -0.03 min

Lab File: BF081652.D

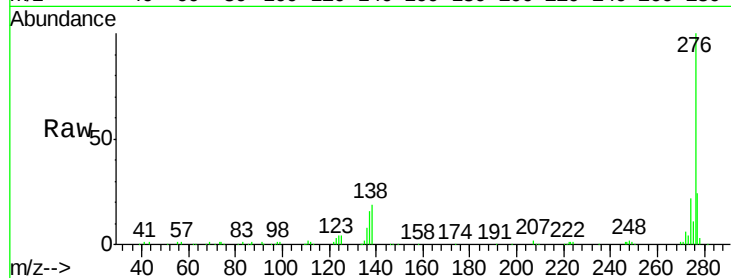
Acq: 16 Sep 2015 16:47

Instrument :

BNA_F

ClientSampleId :

S12MS



Tgt Ion: 276 Resp: 215215

Ion Ratio Lower Upper

276 100

277 23.5 17.8 26.6

138 19.4 34.6 51.8#

