

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
 Data File : BF077584.D
 Acq On : 4 Mar 2015 16:18
 Operator : TP/IZ
 Sample : PB81970BS
 Misc : S
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81970BS

Quant Time: Mar 04 22:21:13 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 21:51:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	61277	20.00	ng	0.00
21) Naphthalene-d8	8.80	136	244850	20.00	ng	0.00
38) Acenaphthene-d10	10.97	164	118313	20.00	ng	0.00
63) Phenanthrene-d10	12.81	188	229321	20.00	ng	0.00
75) Chrysene-d12	16.10	240	260789	20.00	ng	0.00
86) Perylene-d12	17.83	264	256368	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	477136	129.99	ng	0.00
7) Phenol-d6	6.79	99	565984	119.93	ng	0.00
23) Nitrobenzene-d5	7.91	82	353622	89.81	ng	0.00
41) 2,4,6-Tribromophenol	11.95	330	147879	129.81	ng	0.00
44) 2-Fluorobiphenyl	10.15	172	680539	89.69	ng	0.00
78) Terphenyl-d14	14.81	244	822101	73.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	57564	36.96	ng	96
3) Pyridine	2.90	79	159288	35.75	ng	97
4) n-Nitrosodimethylamine	2.80	42	80888	41.75	ng	94
6) Aniline	6.81	93	133458	20.46	ng	# 27
8) 2-Chlorophenol	6.95	128	171693	39.65	ng	91
9) Benzaldehyde	6.67	77	27946	9.75	ng	98
10) Phenol	6.80	94	204545	36.53	ng	# 70
11) bis(2-Chloroethyl)ether	6.91	93	146286	36.36	ng	86
12) 1,3-Dichlorobenzene	7.15	146	175667	37.26	ng	# 89
13) 1,4-Dichlorobenzene	7.24	146	177494	37.00	ng	96
14) 1,2-Dichlorobenzene	7.43	146	169749	37.20	ng	96
15) Benzyl Alcohol	7.40	79	133874	37.32	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.58	45	205084	35.65	ng	97
17) 2-Methylphenol	7.55	107	133564	39.46	ng	97
18) Hexachloroethane	7.85	117	61657	38.49	ng	93
19) n-Nitroso-di-n-propylamine	7.74	70	112835	37.65	ng	# 90
20) 3+4-Methylphenols	7.74	107	175390	39.35	ng	# 75
22) Acetophenone	7.73	105	233002	40.45	ng	# 86
24) Nitrobenzene	7.94	77	175045	42.26	ng	89
25) Isophorone	8.24	82	300868	38.51	ng	94
26) 2-Nitrophenol	8.33	139	74141	43.67	ng	# 88
27) 2,4-Dimethylphenol	8.40	122	153128	40.31	ng	98
28) bis(2-Chloroethoxy)methane	8.52	93	193291	39.17	ng	99
29) 2,4-Dichlorophenol	8.63	162	138332	38.79	ng	90
30) 1,2,4-Trichlorobenzene	8.73	180	142736	36.41	ng	98
31) Naphthalene	8.83	128	474104	38.72	ng	98
32) Benzoic acid	8.49	122	72392	39.22	ng	96
33) 4-Chloroaniline	8.90	127	116588	21.42	ng	# 95
34) Hexachlorobutadiene	8.98	225	79814	35.66	ng	99
35) Caprolactam	9.33	113	42050	38.63	ng	# 72
36) 4-Chloro-3-methylphenol	9.51	107	138717	38.70	ng	90
37) 2-Methylnaphthalene	9.68	142	332395	38.23	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.89	216	143802	42.36	ng	99
40) Hexachlorocyclopentadiene	9.88	237	140697	77.29	ng	100

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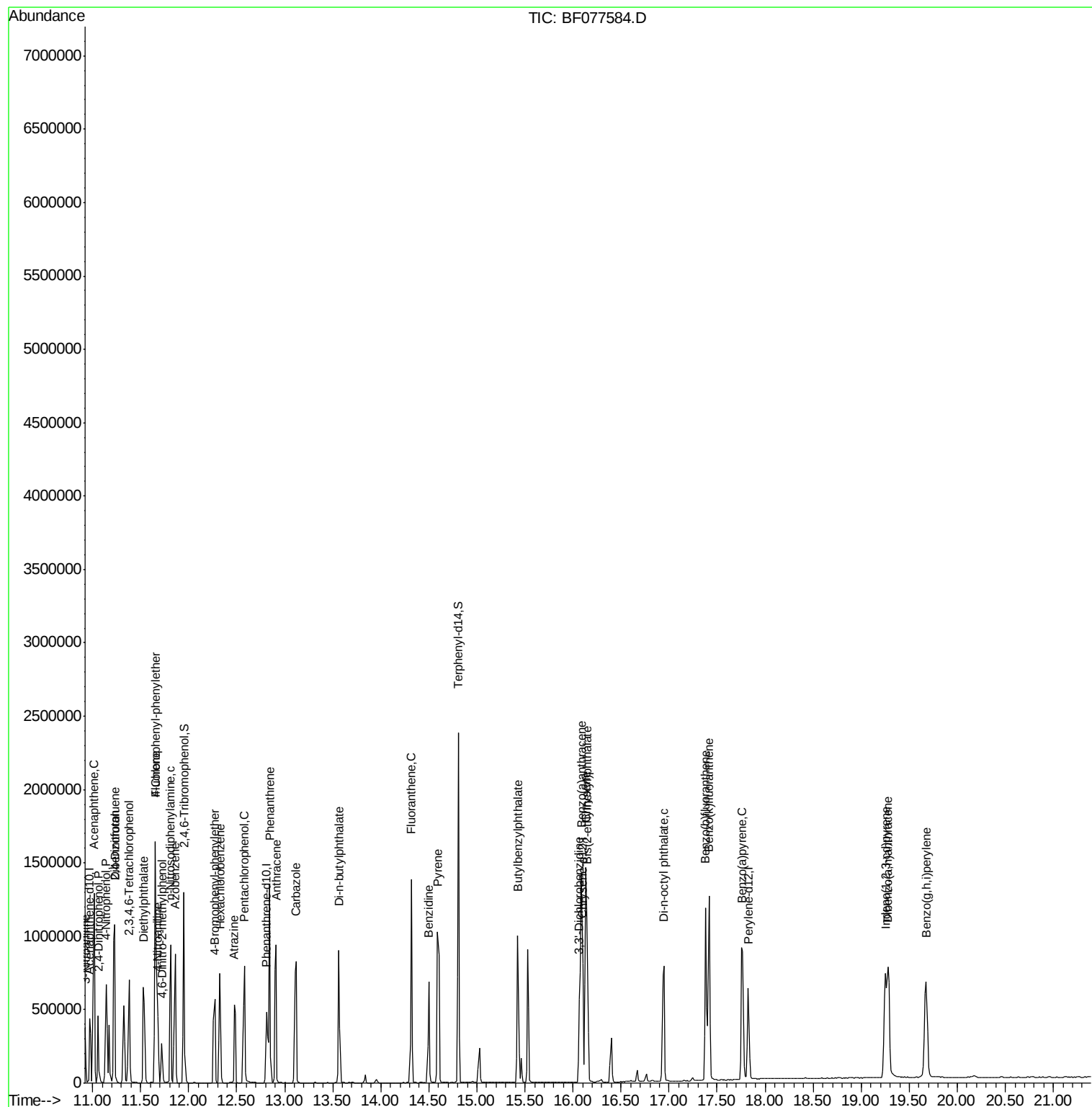
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.04	196	96166	42.78	ng	97
43) 2,4,5-Trichlorophenol	10.08	196	101548	42.24	ng	98
45) 1,1'-Biphenyl	10.27	154	385515	43.01	ng	100
46) 2-Chloronaphthalene	10.29	162	299359	42.58	ng	98
47) 2-Nitroaniline	10.42	65	88493	51.14	ng	# 73
48) Acenaphthylene	10.80	152	485154	43.59	ng	100
49) Dimethylphthalate	10.66	163	355207	42.71	ng	97
50) 2,6-Dinitrotoluene	10.73	165	78774	47.23	ng	# 75
51) Acenaphthene	11.01	154	287030	43.22	ng	99
52) 3-Nitroaniline	10.93	138	57839	30.08	ng	92
53) 2,4-Dinitrophenol	11.06	184	50662	99.83	ng	# 60
54) Dibenzofuran	11.23	168	450453	43.93	ng	98
55) 4-Nitrophenol	11.14	139	141340	91.39	ng	96
56) 2,4-Dinitrotoluene	11.22	165	99120	43.98	ng	# 69
57) Fluorene	11.65	166	359677	43.88	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.38	232	86650	44.83	ng	96
59) Diethylphthalate	11.53	149	329820	40.23	ng	97
60) 4-Chlorophenyl-phenylether	11.66	204	161072	40.78	ng	99
61) 4-Nitroaniline	11.68	138	80878	43.88	ng	98
62) Azobenzene	11.86	77	340766	43.81	ng	98
64) 4,6-Dinitro-2-methylphenol	11.72	198	37702	41.73	ng	75
65) n-Nitrosodiphenylamine	11.81	169	309274	40.65	ng	99
66) 4-Bromophenyl-phenylether	12.27	248	97534	36.32	ng	91
67) Hexachlorobenzene	12.33	284	109006	37.82	ng	# 87
68) Atrazine	12.48	200	97046	39.23	ng	92
69) Pentachlorophenol	12.58	266	120899	79.81	ng	99
70) Phenanthrene	12.84	178	525849	39.56	ng	99
71) Anthracene	12.91	178	531936	40.33	ng	98
72) Carbazole	13.11	167	507842	40.49	ng	99
73) Di-n-butylphthalate	13.57	149	541235	36.75	ng	99
74) Fluoranthene	14.32	202	570817	39.32	ng	98
76) Benzidine	14.50	184	285706	32.43	ng	97
77) Pyrene	14.60	202	601644	37.71	ng	99
79) Butylbenzylphthalate	15.43	149	241849	36.85	ng	# 88
80) Benzo(a)anthracene	16.09	228	592541	38.77	ng	100
81) 3,3'-Dichlorobenzidine	16.07	252	120361	21.49	ng	99
82) Chrysene	16.13	228	559534	38.99	ng	98
83) Bis(2-ethylhexyl)phthalate	16.15	149	335685	31.90	ng	# 96
84) Di-n-octyl phthalate	16.94	149	582162	33.13	ng	99
85) Indeno(1,2,3-cd)pyrene	19.26	276	646512	39.51	ng	99
87) Benzo(b)fluoranthene	17.38	252	641866	43.05	ng	# 96
88) Benzo(k)fluoranthene	17.42	252	495591	33.92	ng	98
89) Benzo(a)pyrene	17.76	252	561500	39.55	ng	# 96
90) Dibenzo(a,h)anthracene	19.28	278	530749	39.20	ng	96
91) Benzo(g,h,i)perylene	19.68	276	550568	40.28	ng	95

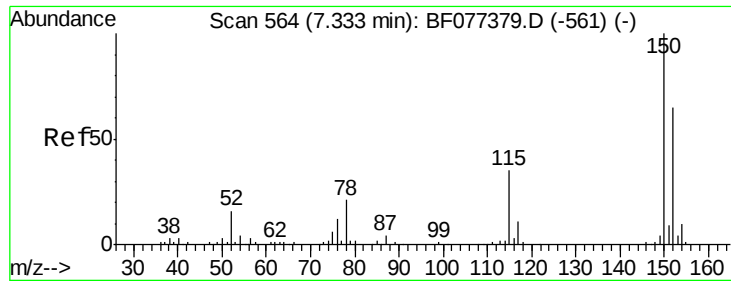
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.22 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

Instrument :

BNA_F

ClientSampleId :

PB81970BS

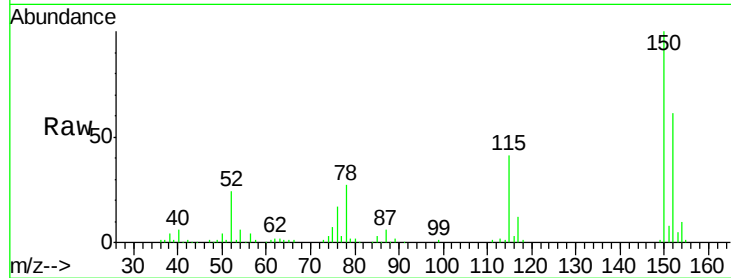
Tgt Ion:152 Resp: 61277

Ion Ratio Lower Upper

152 100

150 164.4 124.0 186.0

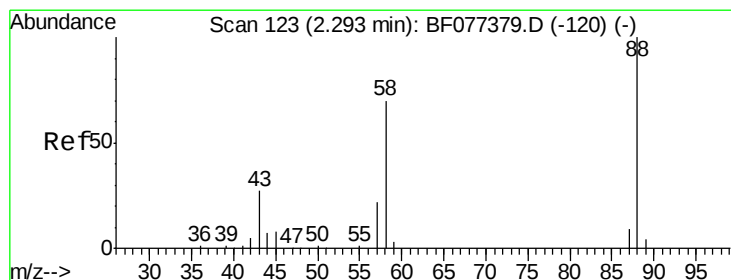
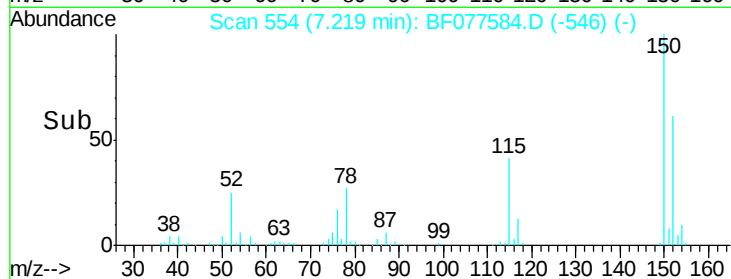
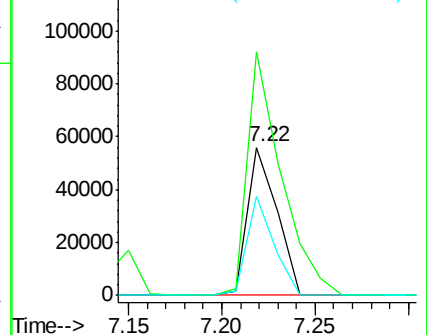
115 66.7 49.4 74.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.96 ng

RT: 2.17 min Scan# 112

Delta R.T. 0.03 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

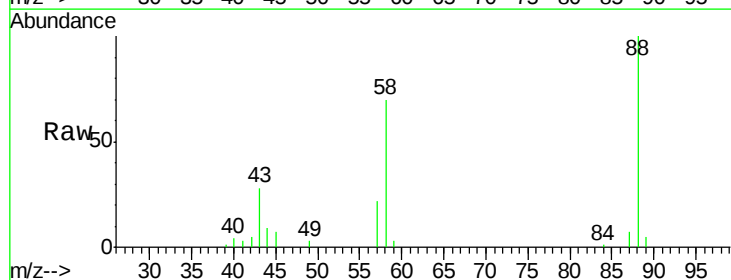
Tgt Ion: 88 Resp: 57564

Ion Ratio Lower Upper

88 100

58 73.1 62.1 93.1

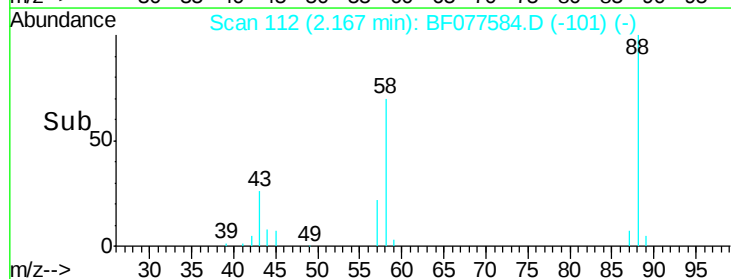
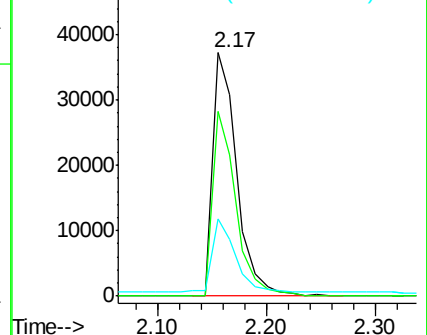
43 31.4 24.0 36.0

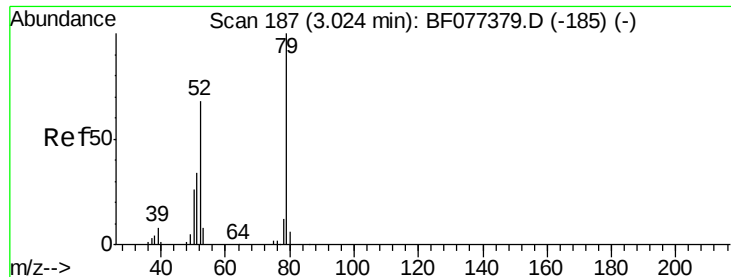


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 35.75 ng

RT: 2.90 min Scan# 176

Delta R.T. 0.04 min

Lab File: BF077584.D

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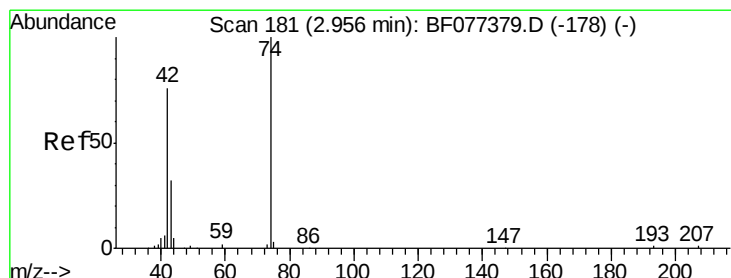
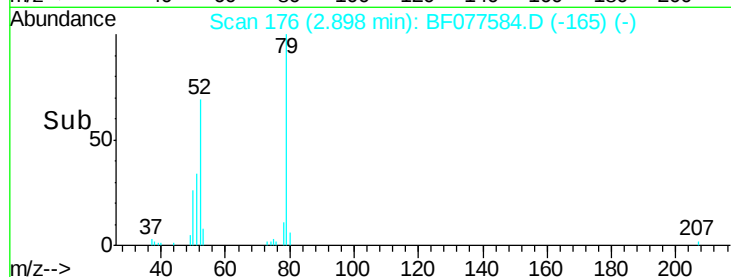
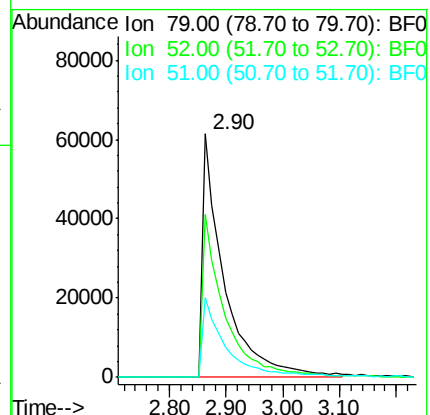
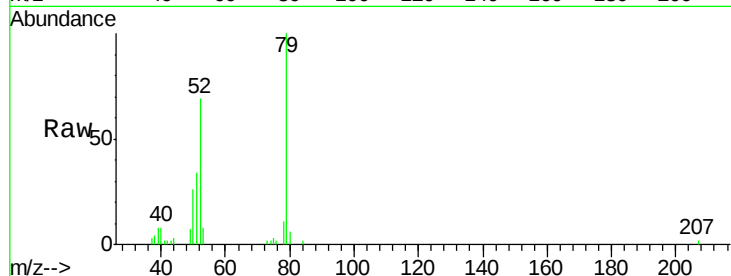
Tgt Ion: 79 Resp: 159288

Ion Ratio Lower Upper

79 100

52 69.4 57.7 86.5

51 34.4 28.5 42.7



#4

n-Nitrosodimethylamine

Concen: 41.75 ng

RT: 2.80 min Scan# 168

Delta R.T. 0.02 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

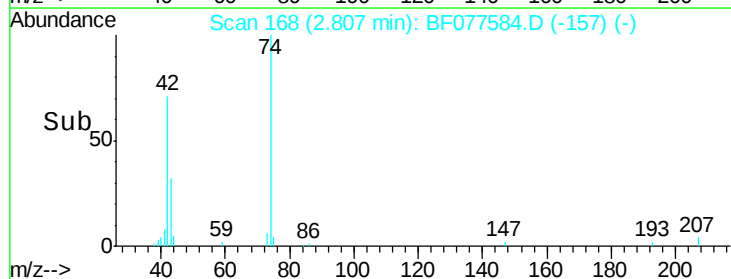
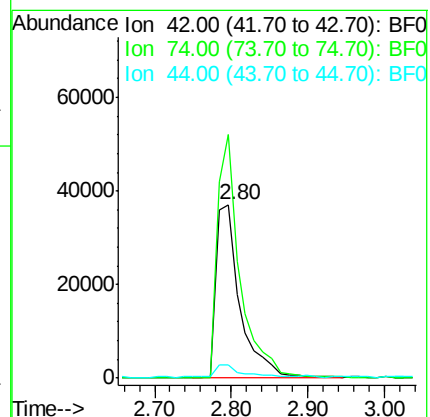
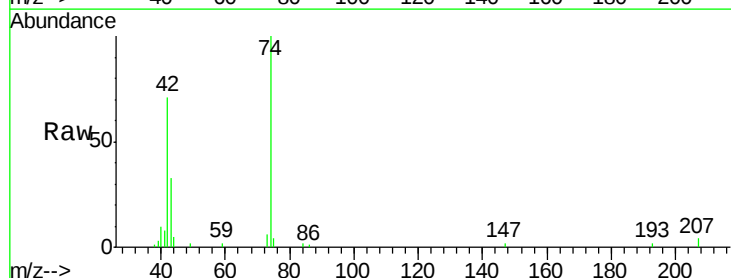
Tgt Ion: 42 Resp: 80888

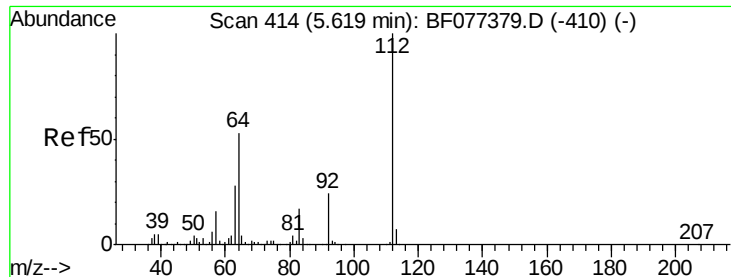
Ion Ratio Lower Upper

42 100

74 141.0 107.1 160.7

44 7.2 6.7 10.1





#5

2-Fluorophenol

Concen: 129.99 ng

RT: 5.52 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

Instrument :

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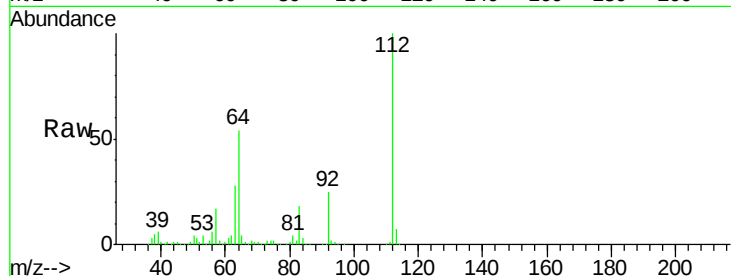
Tgt Ion: 112 Resp: 477136

Ion Ratio Lower Upper

112 100

64 54.1 48.5 72.7

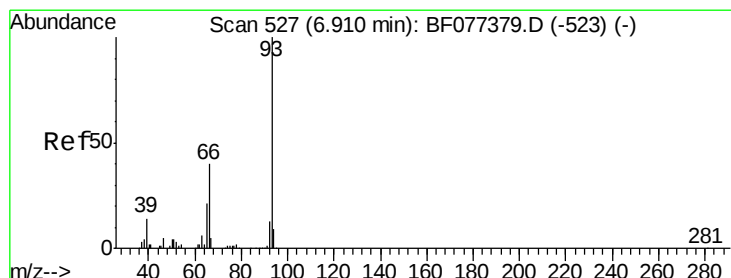
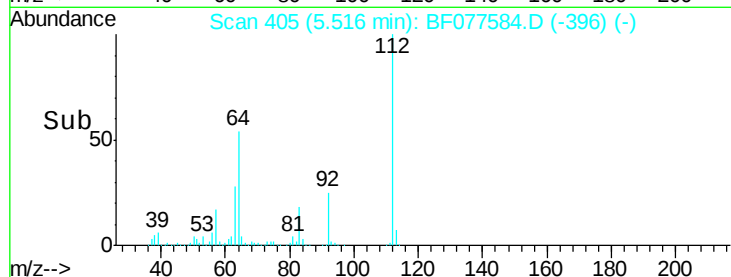
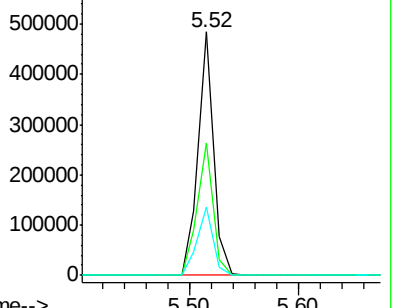
63 28.0 25.0 37.4



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: 20.46 ng

RT: 6.81 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

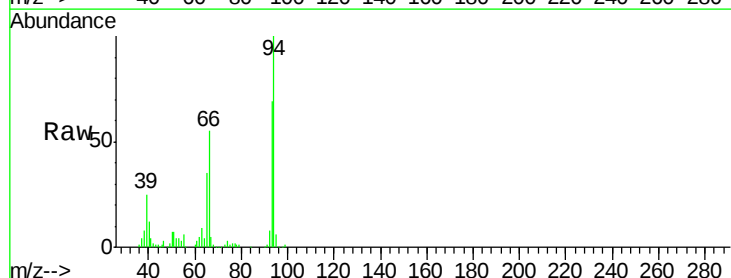
Tgt Ion: 93 Resp: 133458

Ion Ratio Lower Upper

93 100

66 79.5 29.1 43.7#

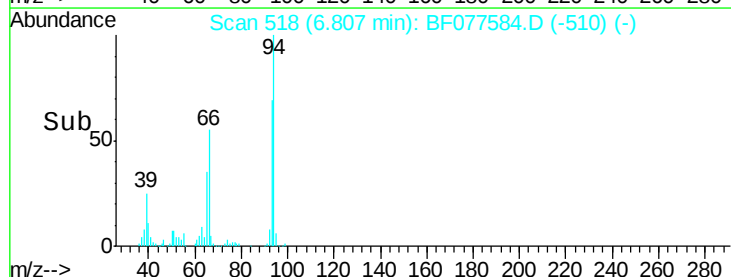
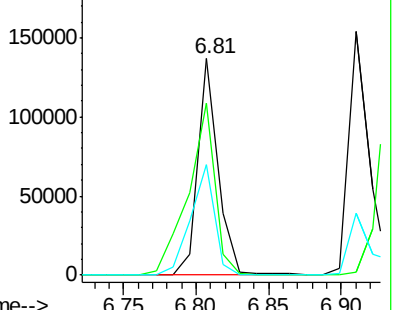
65 50.9 14.6 22.0#

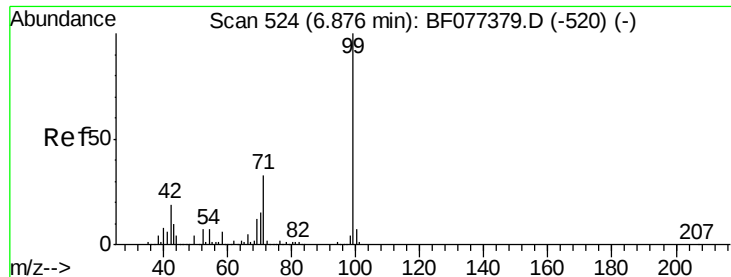


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 119.93 ng

RT: 6.79 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF077584.D

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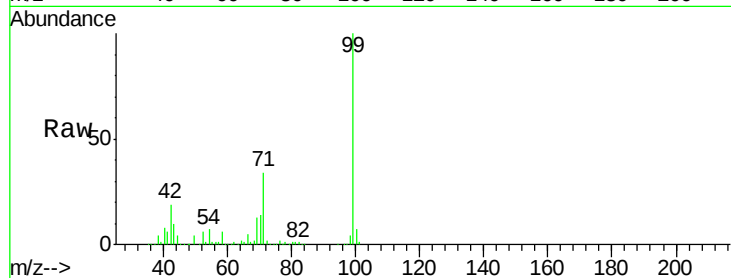
Tgt Ion: 99 Resp: 565984

Ion Ratio Lower Upper

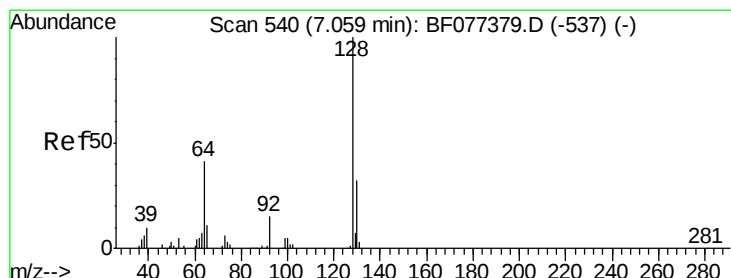
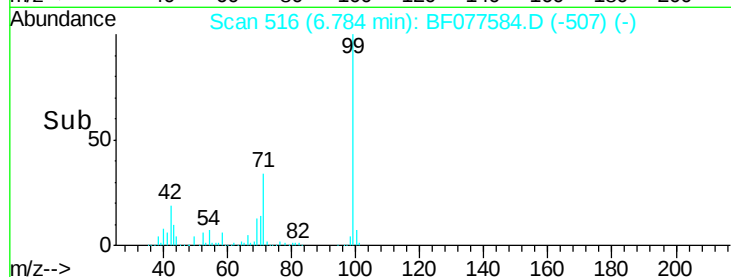
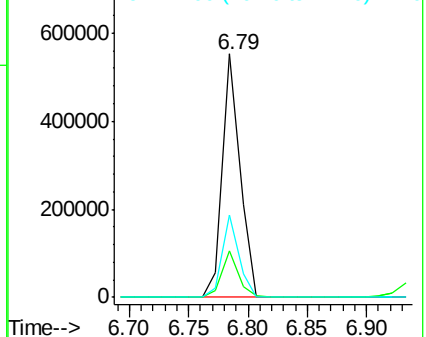
99 100

42 19.3 16.2 24.4

71 33.6 26.7 40.1



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: 39.65 ng

RT: 6.95 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

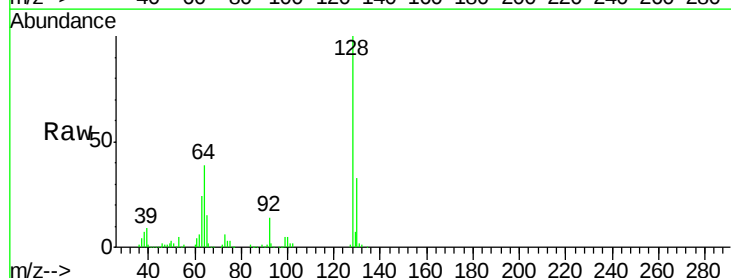
Tgt Ion: 128 Resp: 171693

Ion Ratio Lower Upper

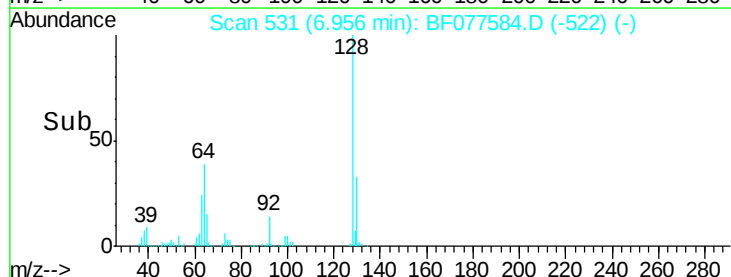
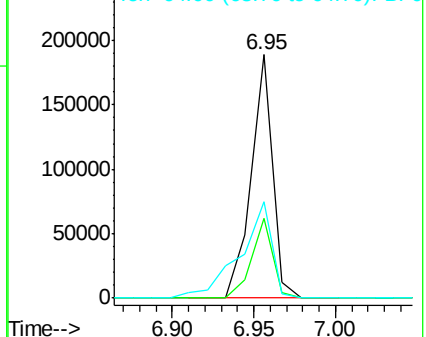
128 100

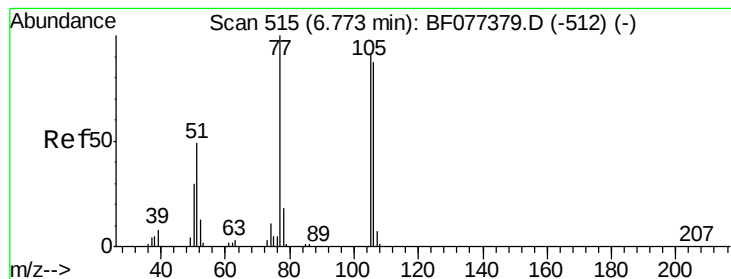
130 32.8 12.0 52.0

64 39.4 29.2 69.2



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: 9.75 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.00 min

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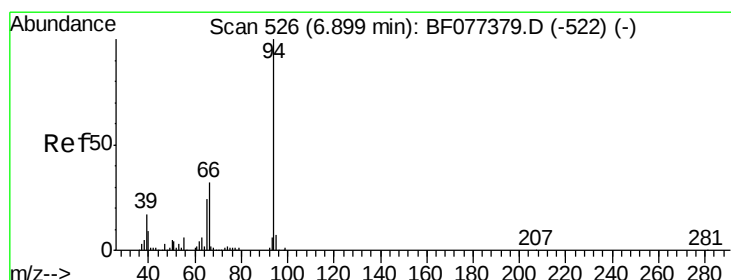
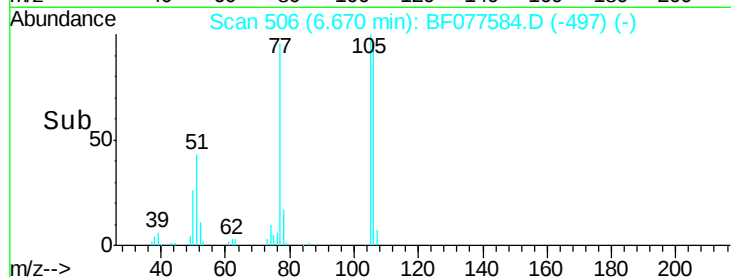
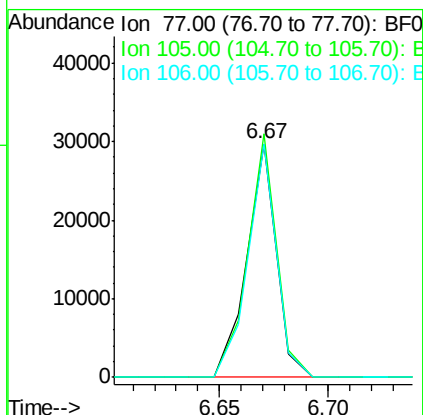
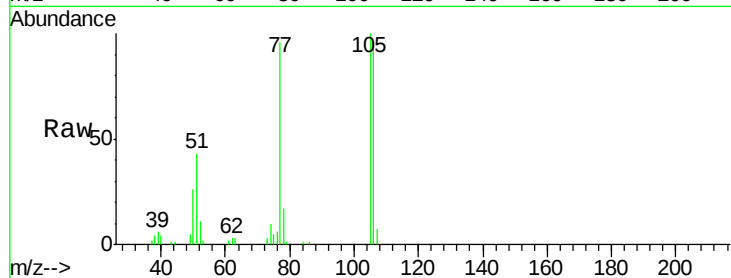
Tgt Ion: 77 Resp: 27946

Ion Ratio Lower Upper

77 100

105 104.3 85.9 125.9

106 99.9 82.9 122.9



#10

Phenol

Concen: 36.53 ng

RT: 6.80 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

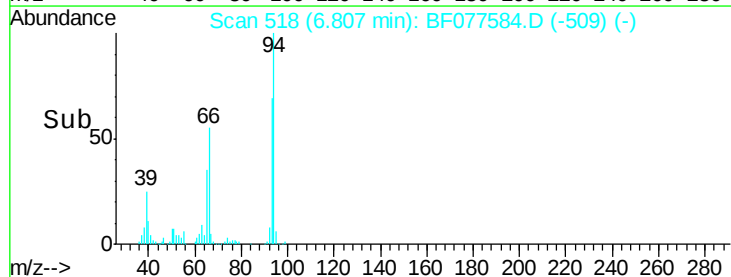
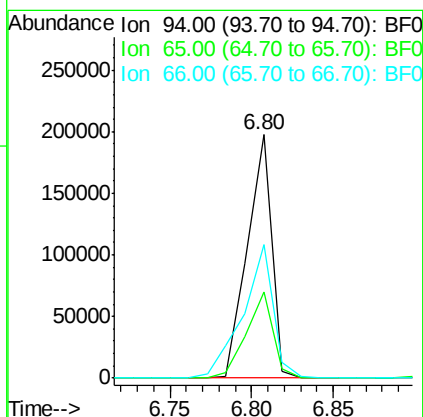
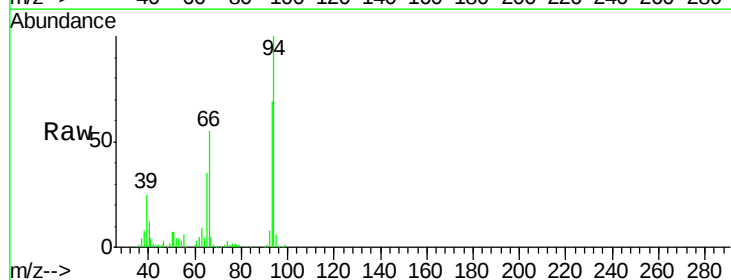
Tgt Ion: 94 Resp: 204545

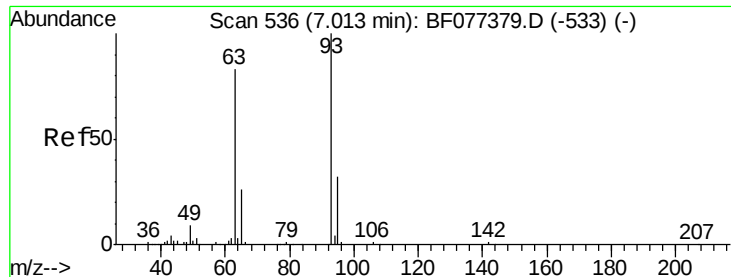
Ion Ratio Lower Upper

94 100

65 35.3 5.7 45.7

66 55.1 13.6 53.6#

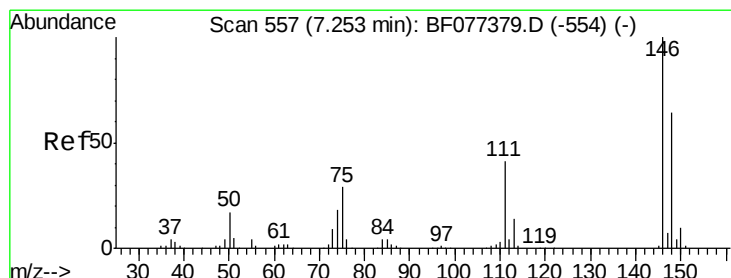
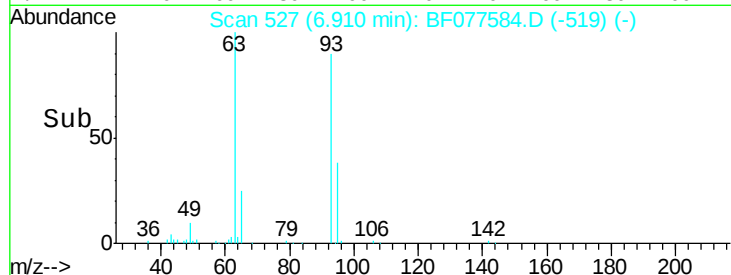
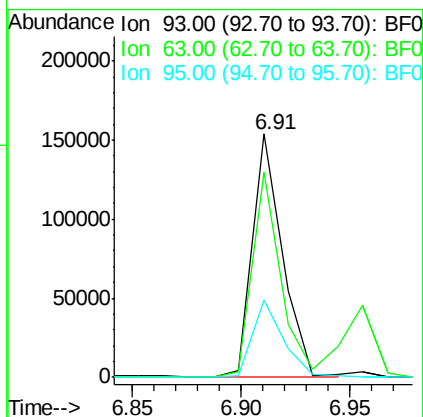
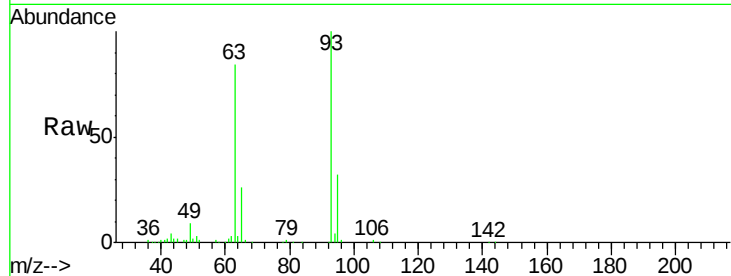




#11
bis(2-Chloroethyl)ether
Concen: 36.36 ng
RT: 6.91 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF077584.D
Acq: 4 Mar 2015 16:18

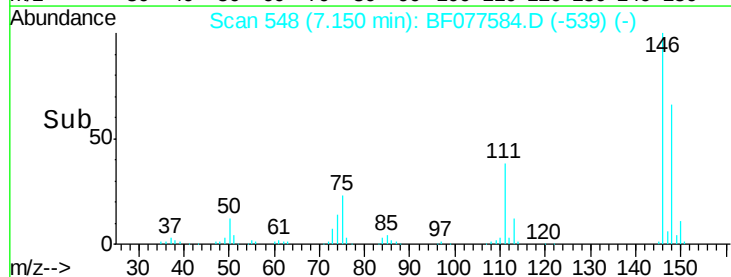
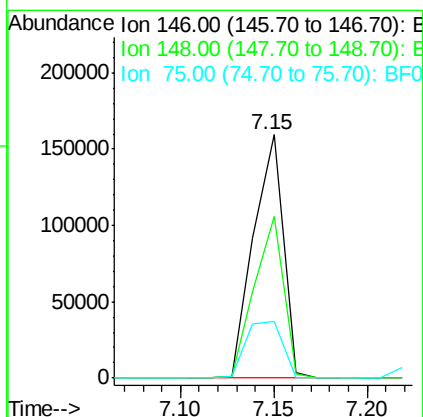
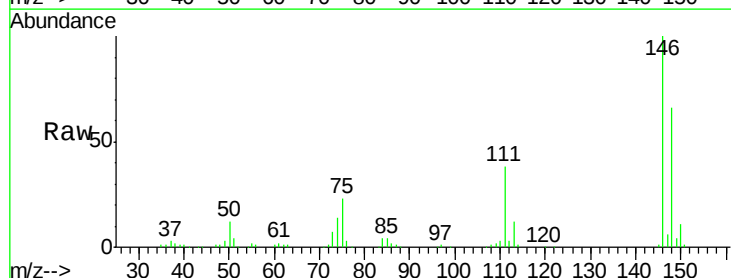
Instrument :
BNA_F
ClientSampleId :
PB81970BS

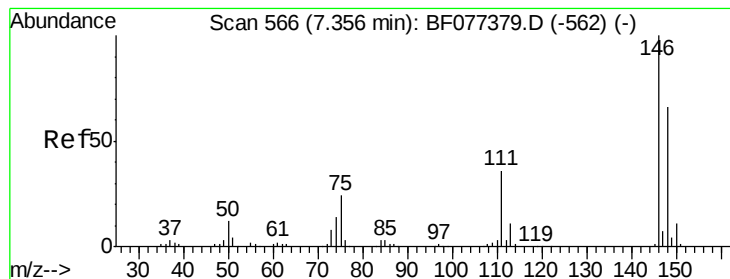
Tgt Ion: 93 Resp: 146286
Ion Ratio Lower Upper
93 100
63 84.1 48.7 88.7
95 31.9 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 37.26 ng
RT: 7.15 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF077584.D
Acq: 4 Mar 2015 16:18

Tgt Ion: 146 Resp: 175667
Ion Ratio Lower Upper
146 100
148 66.3 49.8 74.8
75 23.2 28.2 42.4#





#13

1,4-Dichlorobenzene

Concen: 37.00 ng

RT: 7.24 min Scan# 556

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

Instrument :

BNA_F

ClientSampleId :

PB81970BS

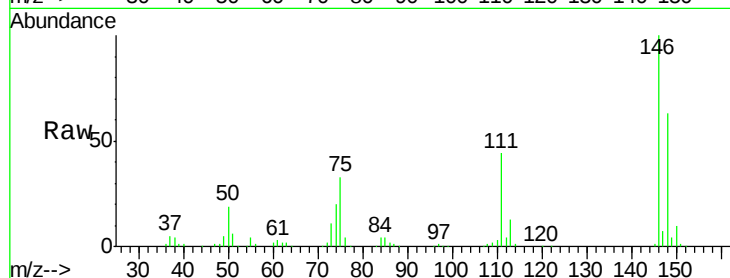
Tgt Ion:146 Resp: 177494

Ion Ratio Lower Upper

146 100

148 63.2 52.0 78.0

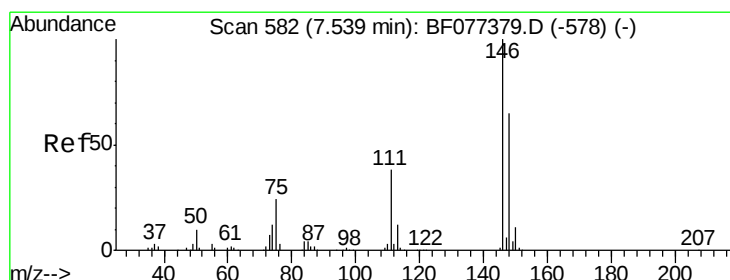
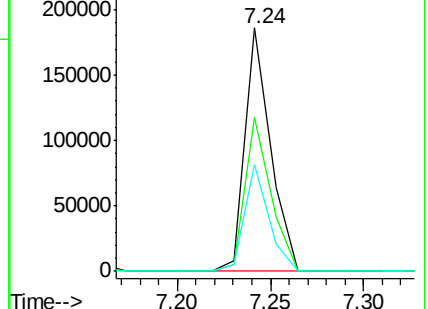
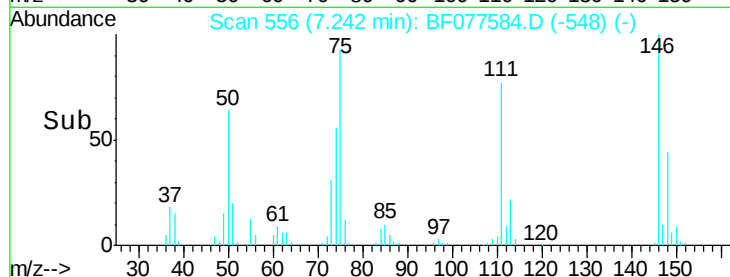
111 43.6 31.9 47.9



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: 37.20 ng

RT: 7.43 min Scan# 572

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

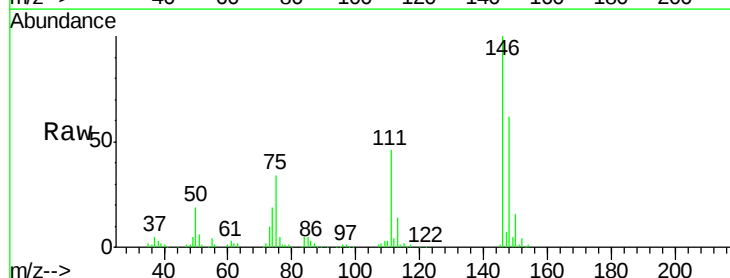
Tgt Ion:146 Resp: 169749

Ion Ratio Lower Upper

146 100

148 62.0 51.6 77.4

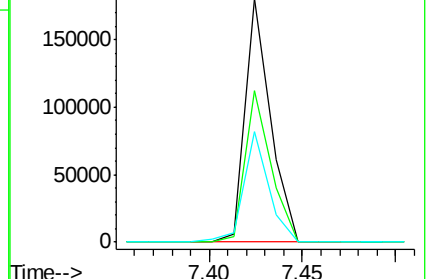
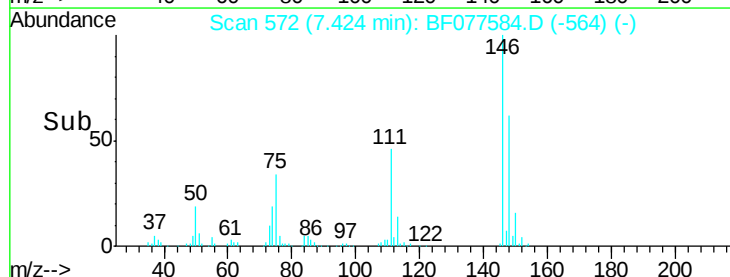
111 45.5 34.2 51.2

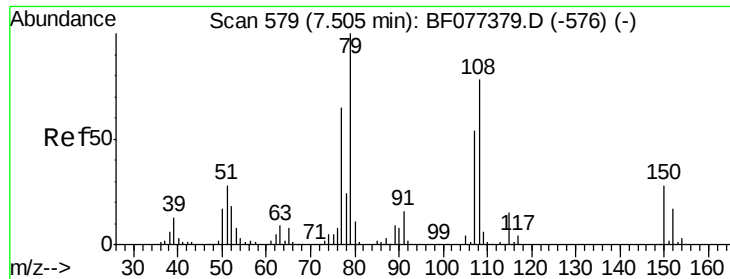


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

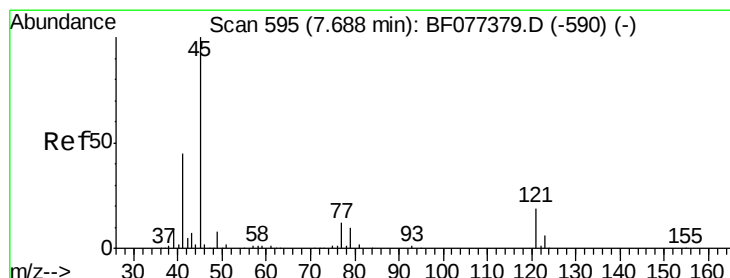
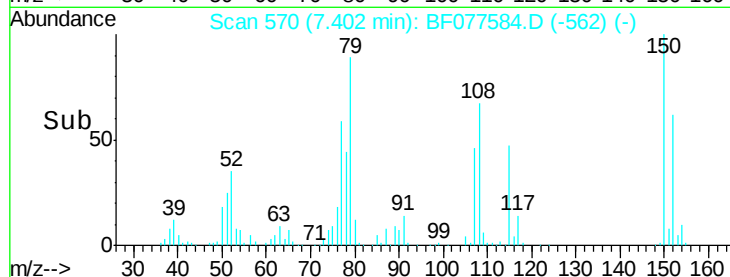
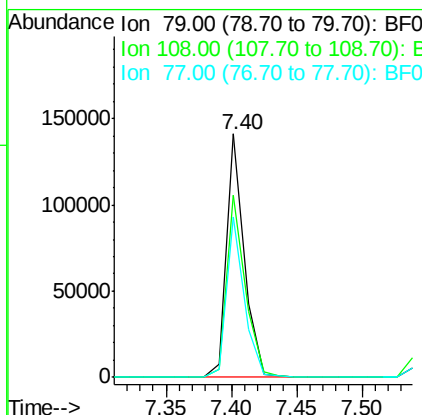
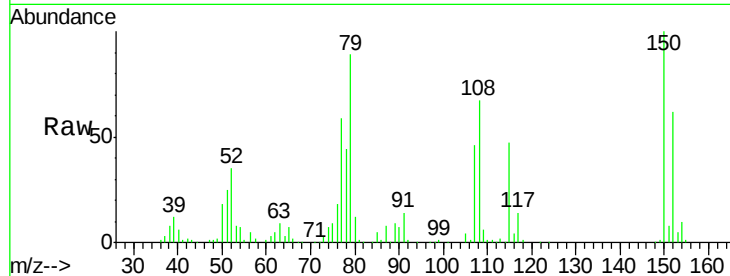




#15
Benzyl Alcohol
Concen: 37.32 ng
RT: 7.40 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF077584.D
Acq: 4 Mar 2015 16:18

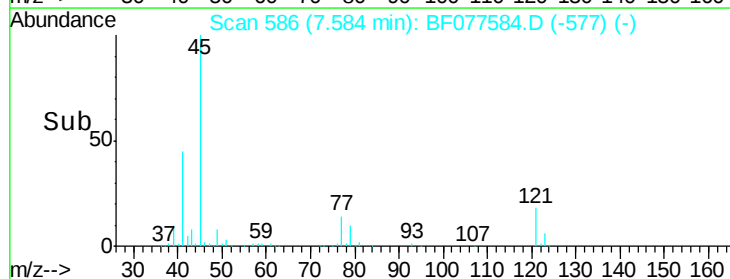
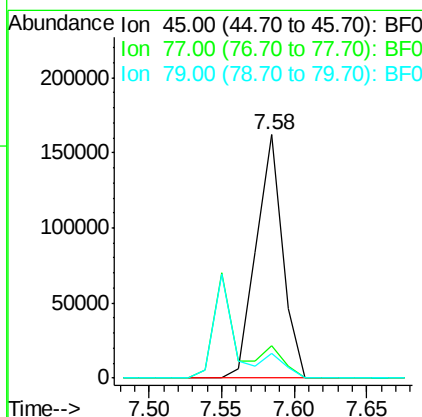
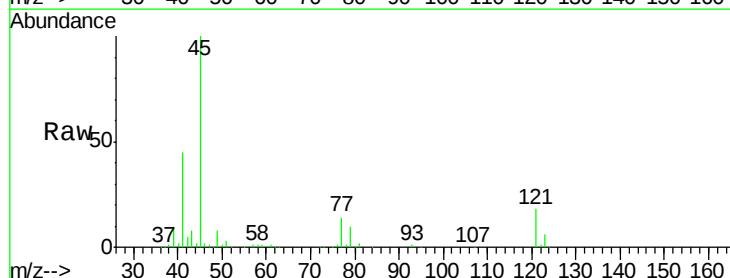
Instrument :
BNA_F
ClientSampleId :
PB81970BS

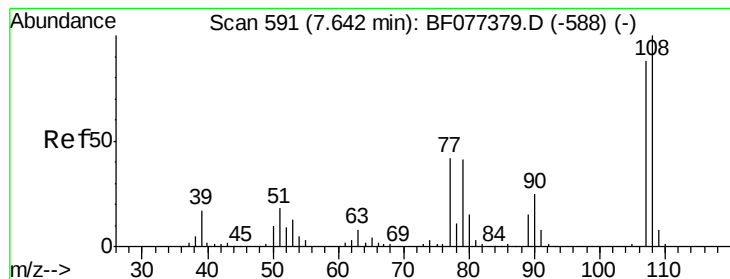
Tgt Ion: 79 Resp: 133874
Ion Ratio Lower Upper
79 100
108 74.7 58.3 87.5
77 65.7 51.3 76.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.65 ng
RT: 7.58 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF077584.D
Acq: 4 Mar 2015 16:18

Tgt Ion: 45 Resp: 205084
Ion Ratio Lower Upper
45 100
77 13.6 0.0 34.6
79 10.3 0.0 31.5





#17

2-Methylphenol

Concen: 39.46 ng

RT: 7.55 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

Instrument :

BNA_F

ClientSampleId :

PB81970BS

Tgt Ion:107 Resp: 133564

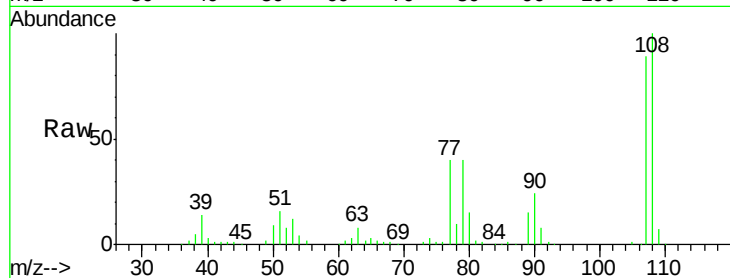
Ion Ratio Lower Upper

107 100

108 112.9 91.2 136.8

77 45.5 33.6 50.4

79 44.8 32.1 48.1

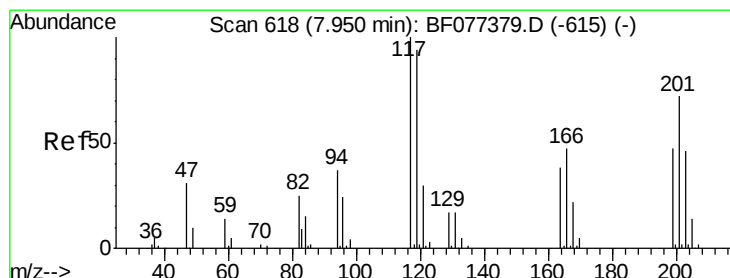
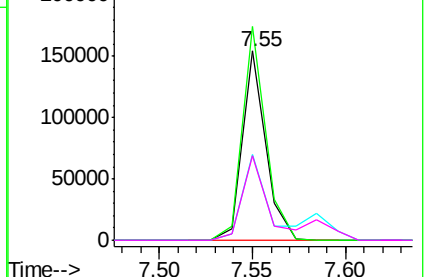
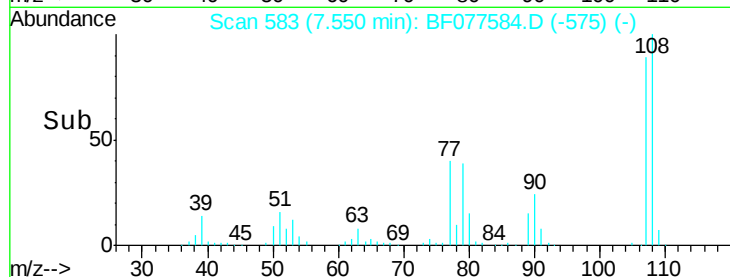


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 38.49 ng

RT: 7.85 min Scan# 609

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

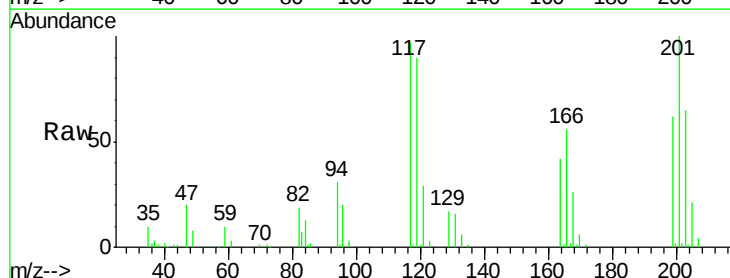
Tgt Ion:117 Resp: 61657

Ion Ratio Lower Upper

117 100

119 92.9 77.8 116.8

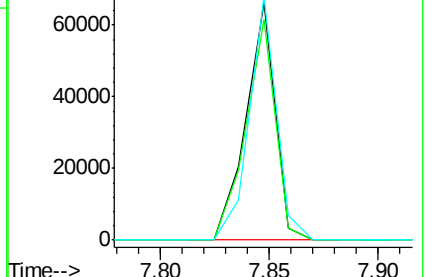
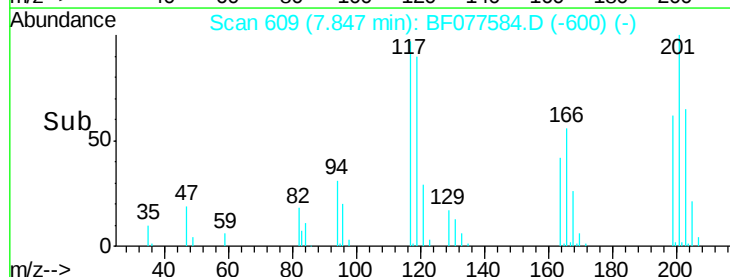
201 102.7 90.6 136.0

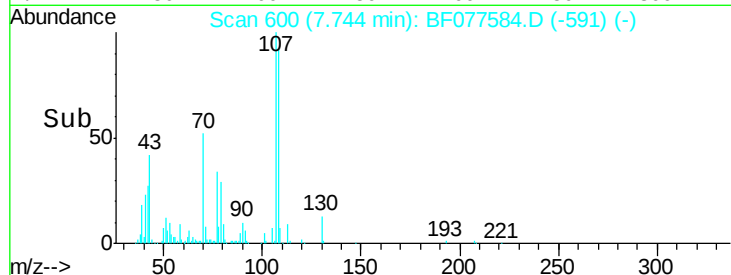
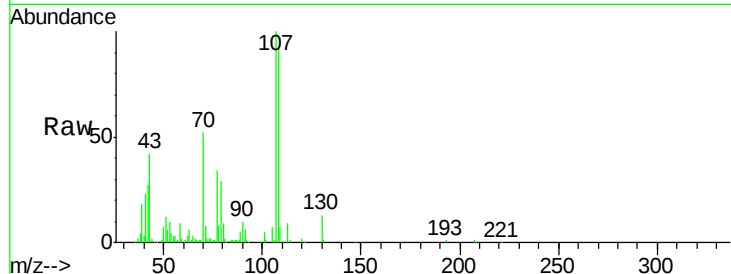


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

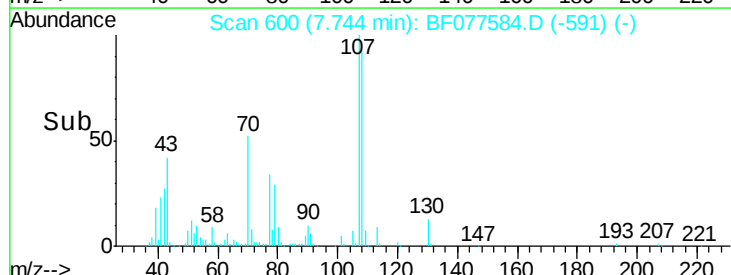
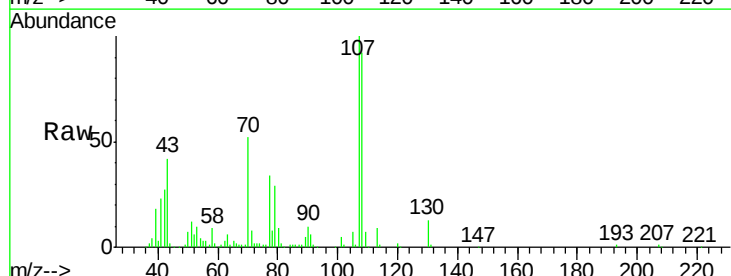
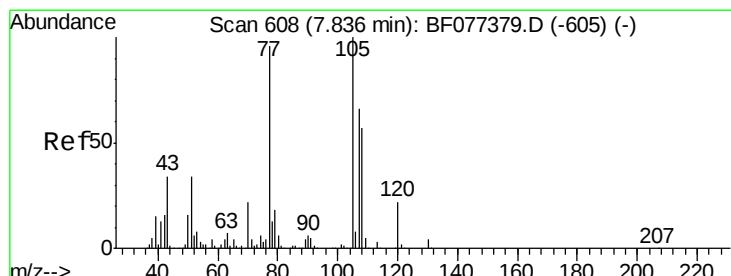
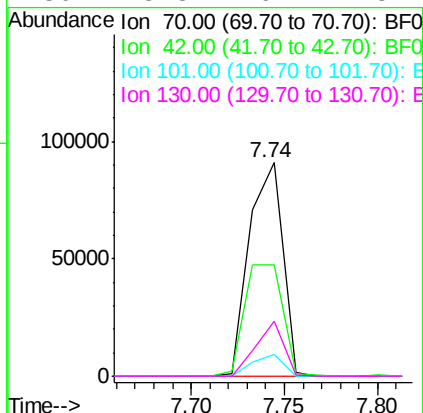




#19
n-Nitroso-di-n-propylamine
Concen: 37.65 ng
RT: 7.74 min Scan# 600
Delta R.T. -0.00 min
Lab File: BF077584.D
Acq: 4 Mar 2015 16:18

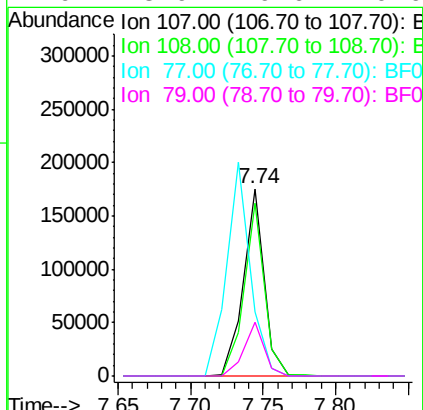
Instrument :
BNA_F
ClientSampleId :
PB81970BS

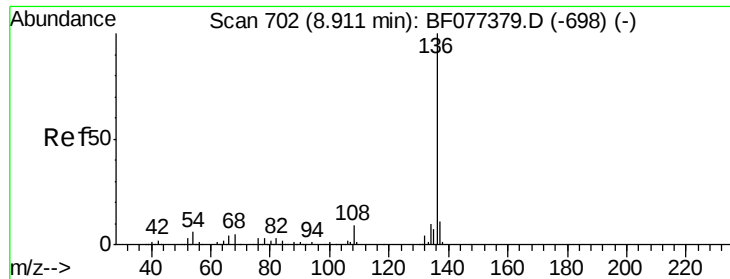
Tgt Ion: 70 Resp: 112835
Ion Ratio Lower Upper
70 100
42 52.4 48.3 72.5
101 10.4 7.5 11.3
130 25.8 16.7 25.1#



#20
3+4-Methylphenols
Concen: 39.35 ng
RT: 7.74 min Scan# 600
Delta R.T. -0.00 min
Lab File: BF077584.D
Acq: 4 Mar 2015 16:18

Tgt Ion: 107 Resp: 175390
Ion Ratio Lower Upper
107 100
108 92.2 76.8 116.8
77 34.5 65.8 105.8#
79 28.9 9.6 49.6

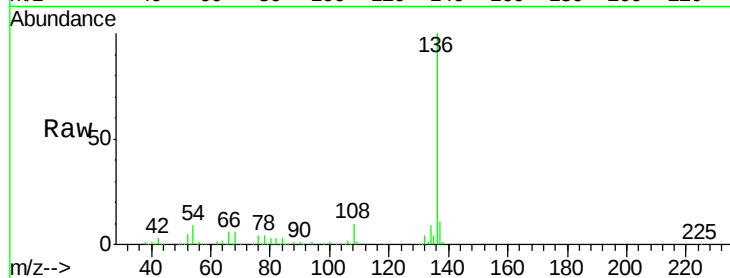




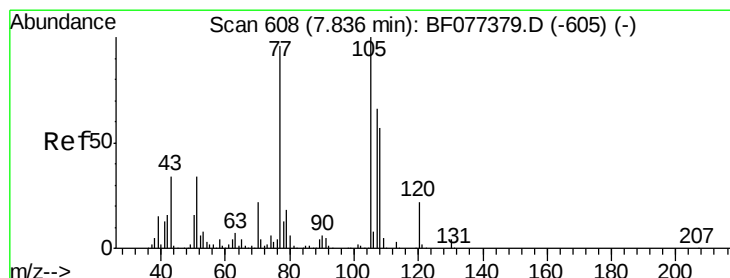
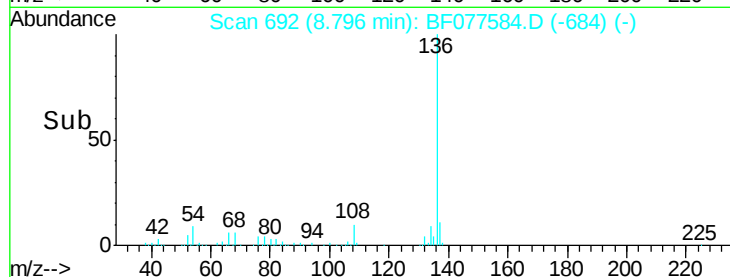
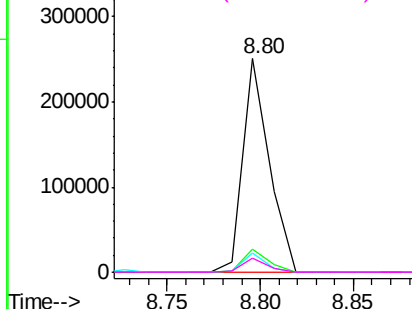
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.80 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF077584.D
Acq: 4 Mar 2015 16:18

Instrument :
BNA_F
ClientSampleId :
PB81970BS

Tgt Ion:	136	Resp:	244850
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.0	6.2	9.4
68	6.4	5.0	7.6

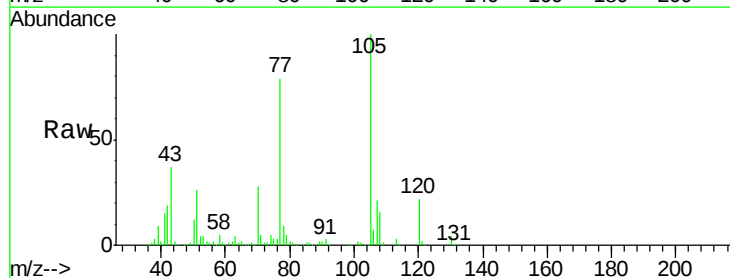


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

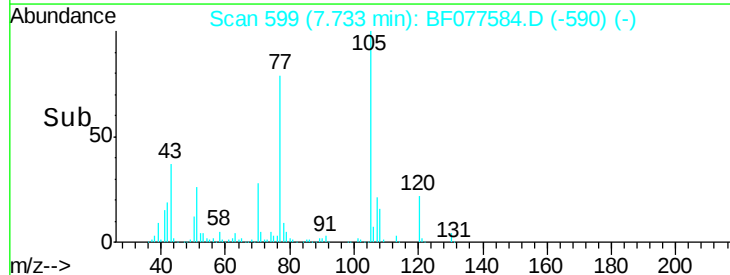
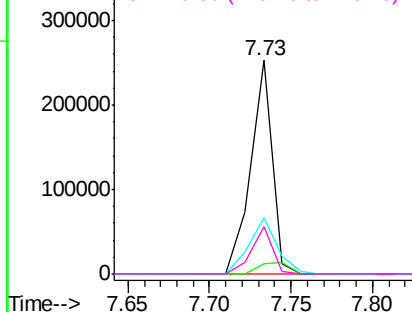


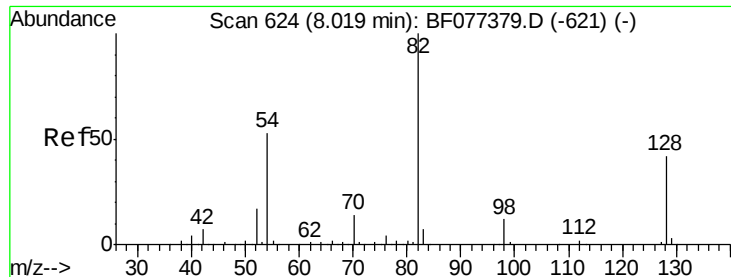
#22
Acetophenone
Concen: 40.45 ng
RT: 7.73 min Scan# 599
Delta R.T. -0.00 min
Lab File: BF077584.D
Acq: 4 Mar 2015 16:18

Tgt Ion:	105	Resp:	233002
Ion	Ratio	Lower	Upper
105	100		
71	4.6	1.7	2.5#
51	26.1	30.7	46.1#
120	22.1	16.7	25.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

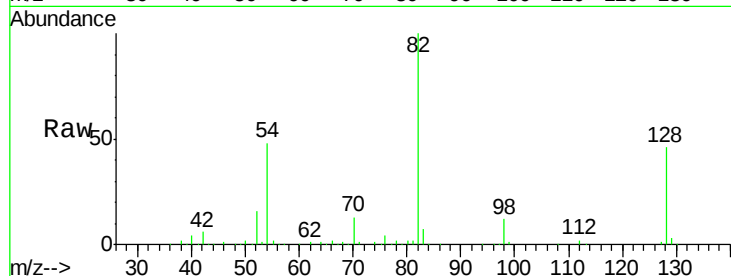




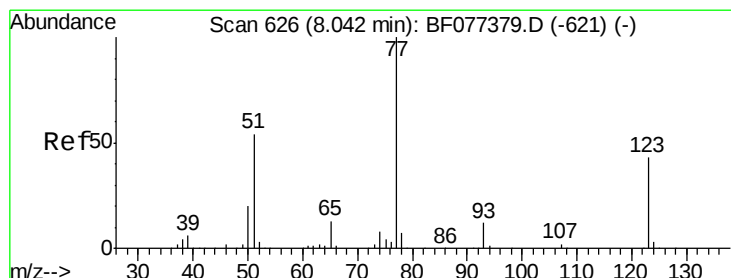
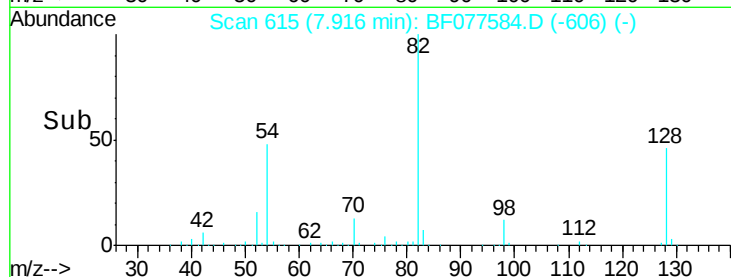
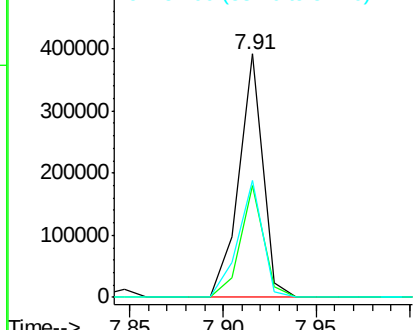
#23
 Nitrobenzene-d5
 Concen: 89.81 ng
 RT: 7.91 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF077584.D
 Acq: 4 Mar 2015 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB81970BS

Tgt Ion: 82 Resp: 353622
 Ion Ratio Lower Upper
 82 100
 128 45.9 43.8 65.8
 54 48.0 36.7 55.1

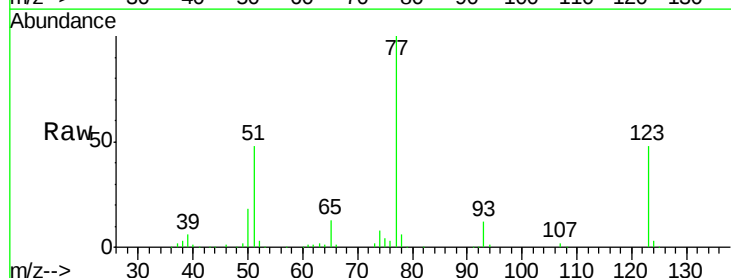


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

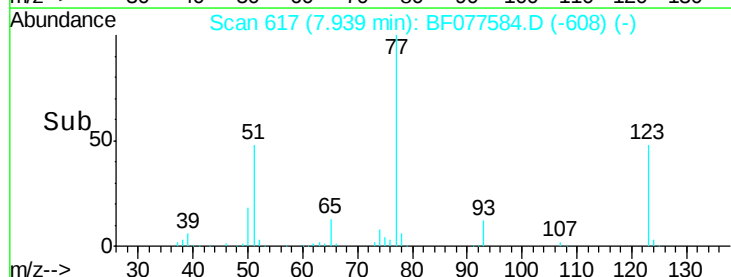
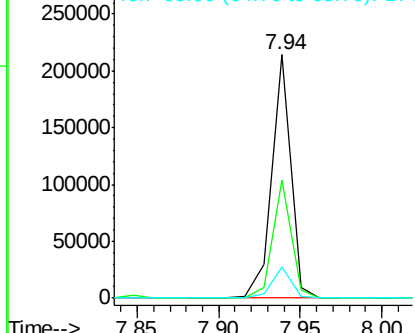


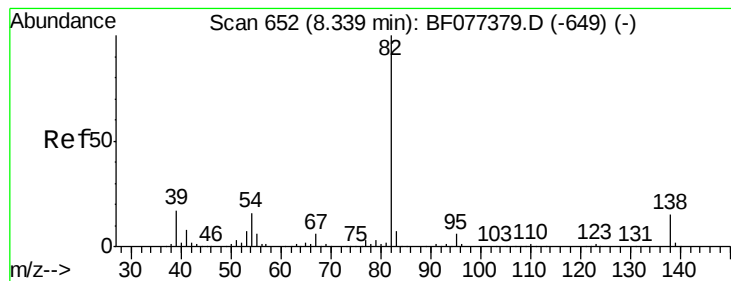
#24
 Nitrobenzene
 Concen: 42.26 ng
 RT: 7.94 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF077584.D
 Acq: 4 Mar 2015 16:18

Tgt Ion: 77 Resp: 175045
 Ion Ratio Lower Upper
 77 100
 123 48.3 45.9 68.9
 65 12.9 9.5 14.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.51 ng

RT: 8.24 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

Instrument :

BNA_F

ClientSampleId :

PB81970BS

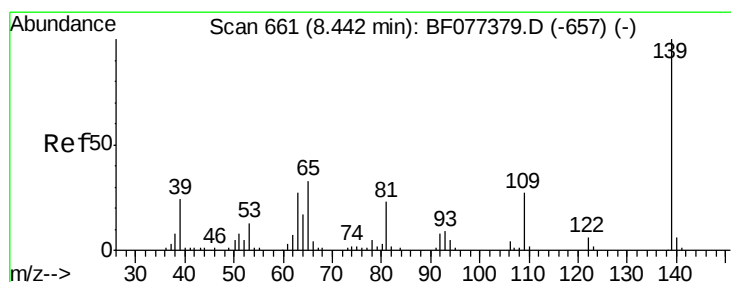
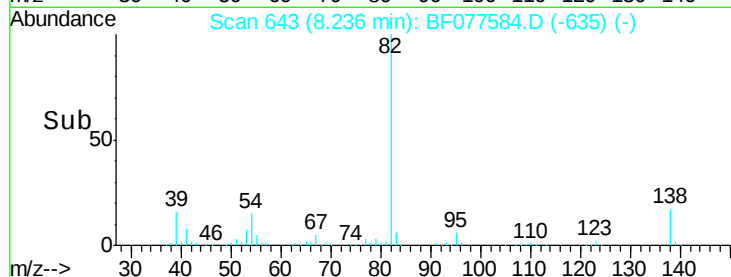
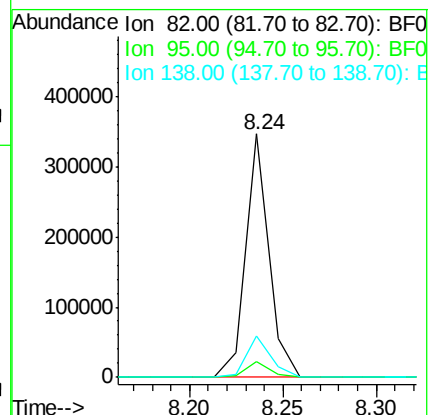
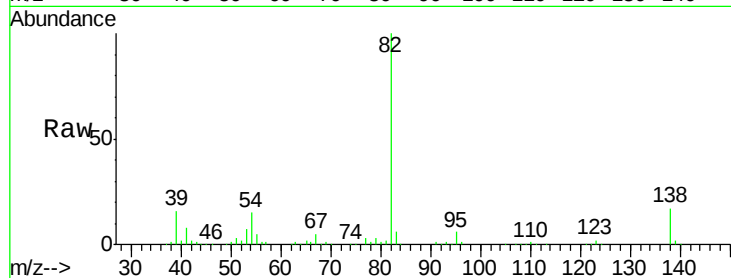
Tgt Ion: 82 Resp: 300868

Ion Ratio Lower Upper

82 100

95 6.3 5.4 8.2

138 17.1 16.3 24.5



#26

2-Nitrophenol

Concen: 43.67 ng

RT: 8.33 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

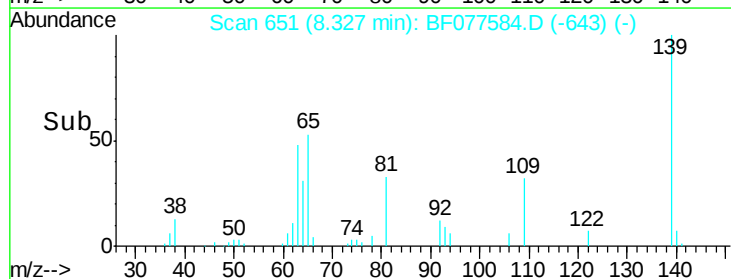
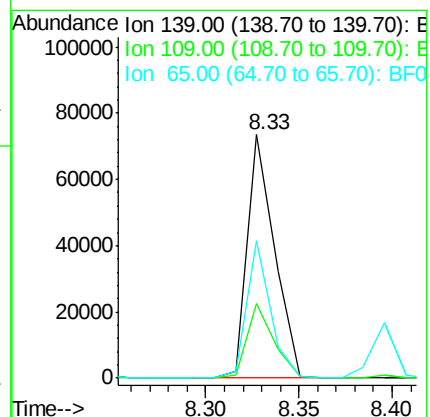
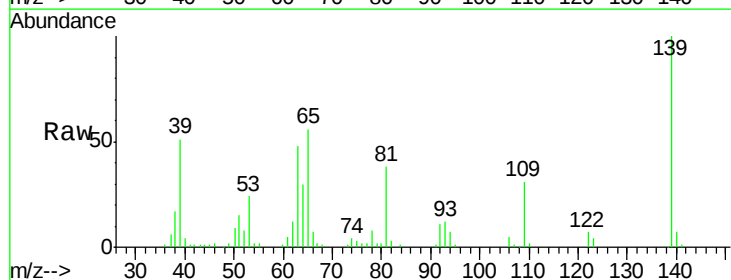
Tgt Ion: 139 Resp: 74141

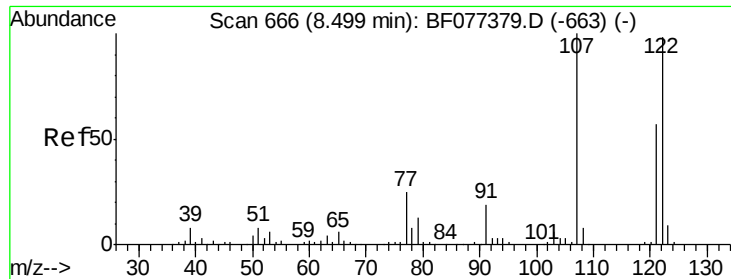
Ion Ratio Lower Upper

139 100

109 30.8 22.6 34.0

65 56.4 36.4 54.6#

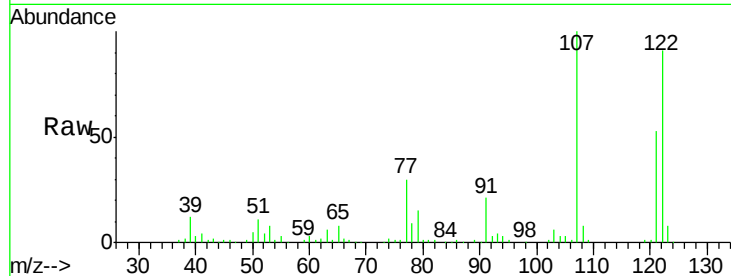




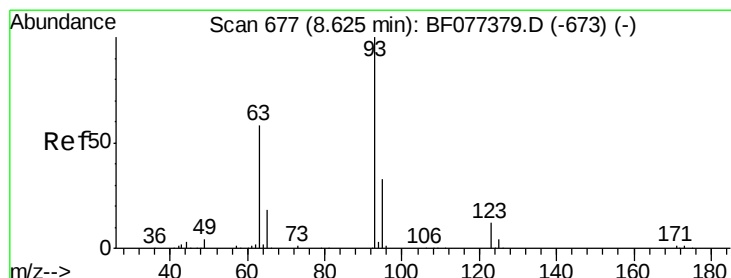
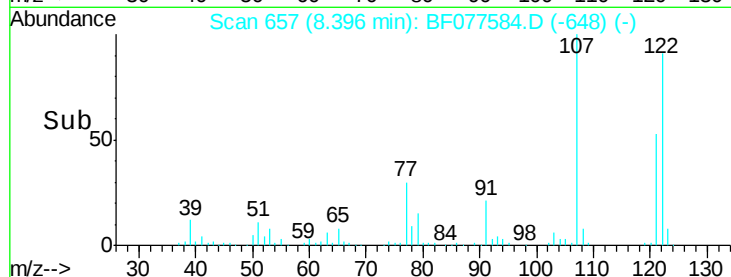
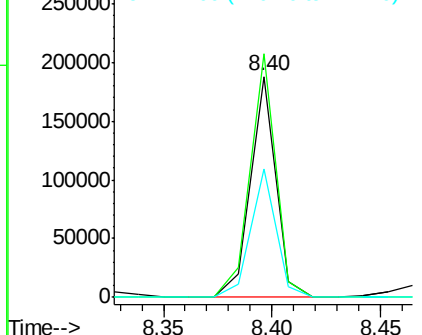
#27
 2,4-Dimethylphenol
 Concen: 40.31 ng
 RT: 8.40 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: BF077584.D
 Acq: 4 Mar 2015 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB81970BS

Tgt Ion:122 Resp: 153128
 Ion Ratio Lower Upper
 122 100
 107 110.1 86.6 130.0
 121 58.2 47.4 71.0

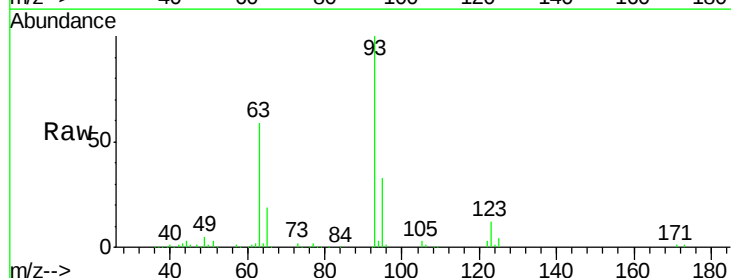


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

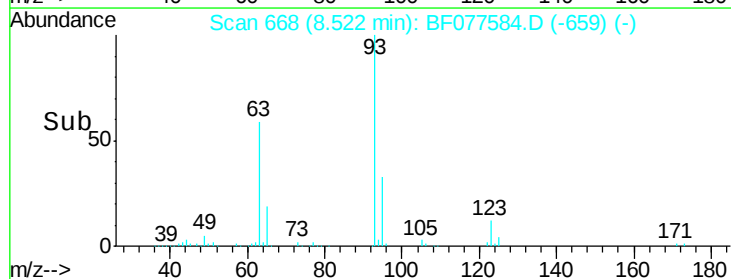
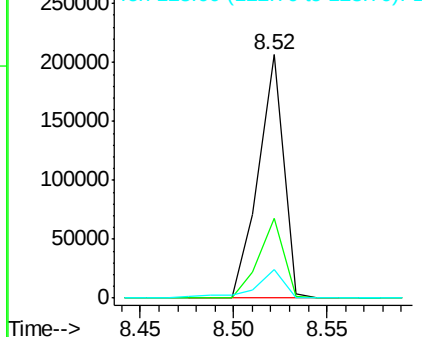


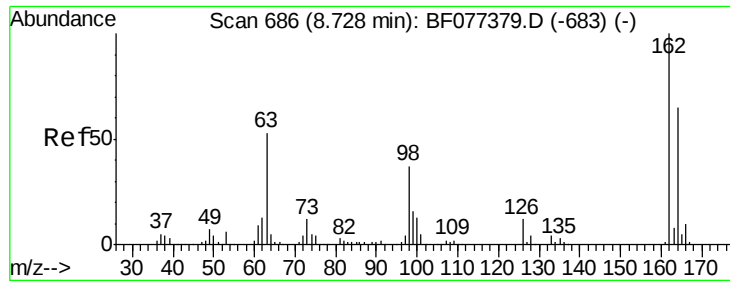
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.17 ng
 RT: 8.52 min Scan# 668
 Delta R.T. -0.00 min
 Lab File: BF077584.D
 Acq: 4 Mar 2015 16:18

Tgt Ion: 93 Resp: 193291
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.4 39.6
 123 11.8 8.7 13.1



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

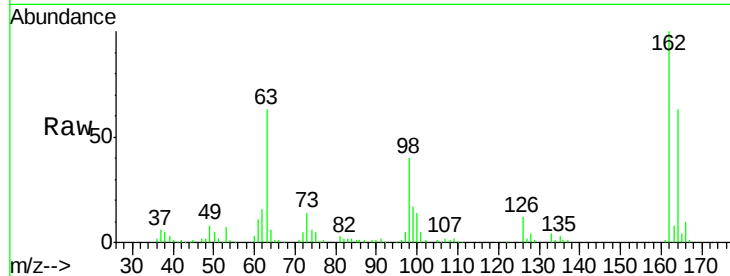




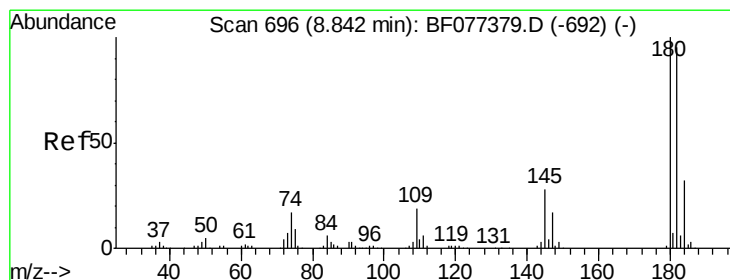
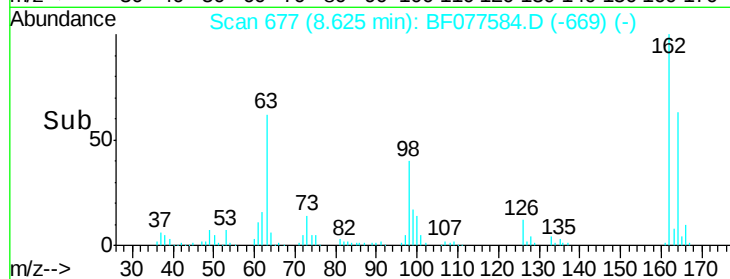
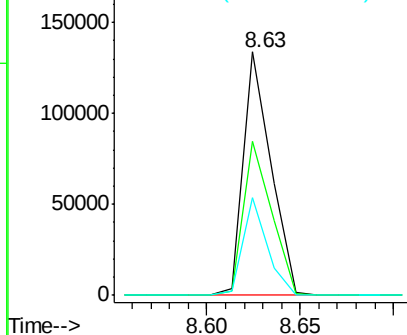
#29
 2,4-Dichlorophenol
 Concen: 38.79 ng
 RT: 8.63 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: BF077584.D
 Acq: 4 Mar 2015 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB81970BS

Tgt Ion:162 Resp: 138332
 Ion Ratio Lower Upper
 162 100
 164 63.2 46.4 86.4
 98 40.2 6.9 46.9

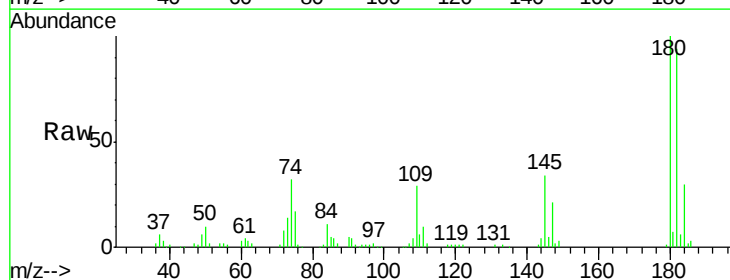


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

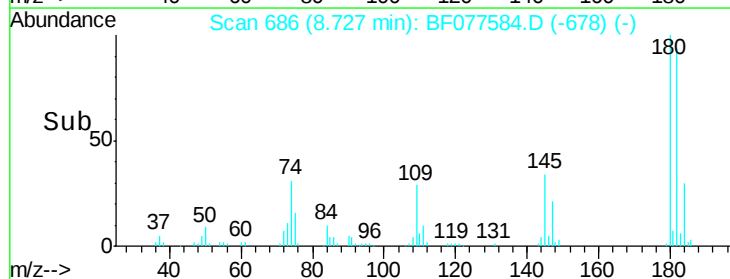
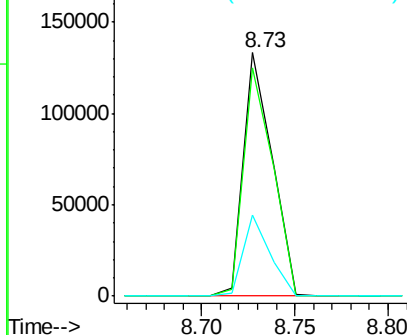


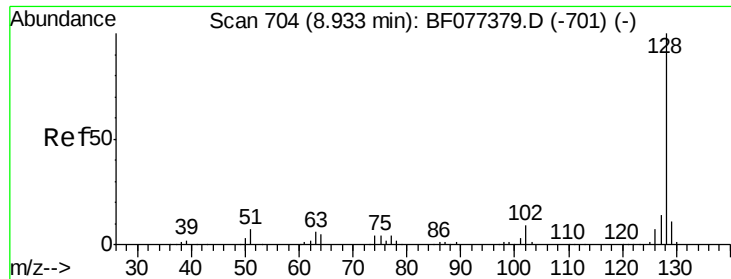
#30
 1,2,4-Trichlorobenzene
 Concen: 36.41 ng
 RT: 8.73 min Scan# 686
 Delta R.T. -0.00 min
 Lab File: BF077584.D
 Acq: 4 Mar 2015 16:18

Tgt Ion:180 Resp: 142736
 Ion Ratio Lower Upper
 180 100
 182 93.8 76.2 114.4
 145 33.5 24.5 36.7



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

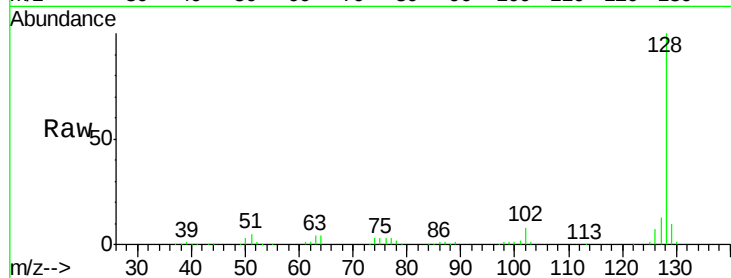




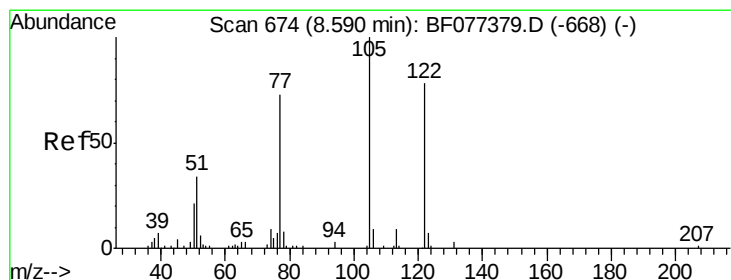
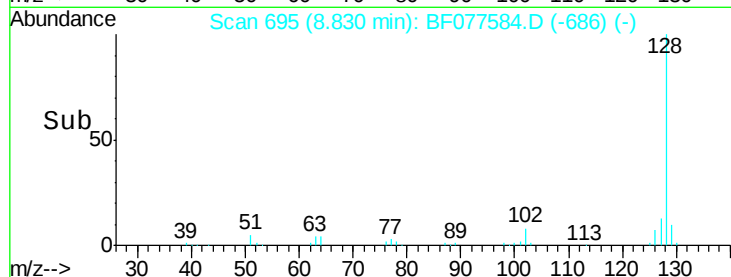
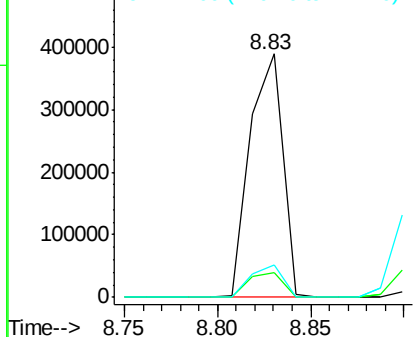
#31
Naphthalene
Concen: 38.72 ng
RT: 8.83 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF077584.D
Acq: 4 Mar 2015 16:18

Instrument :
BNA_F
ClientSampleId :
PB81970BS

Tgt Ion:128 Resp: 474104
Ion Ratio Lower Upper
128 100
129 10.3 9.4 14.0
127 13.2 10.6 15.8

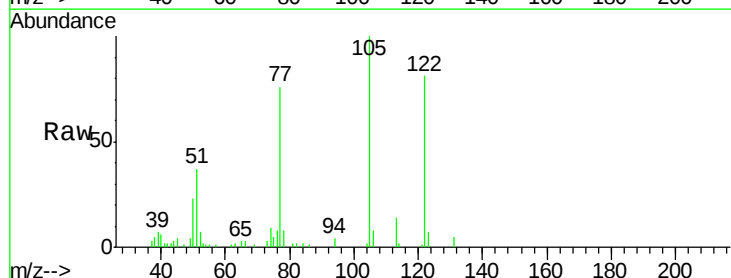


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

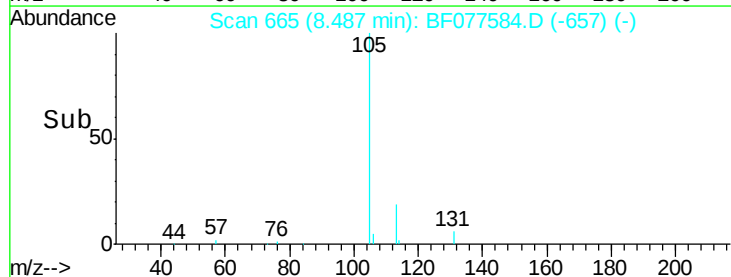
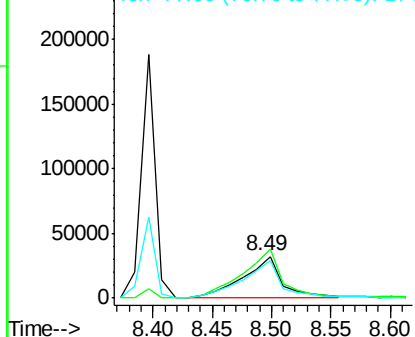


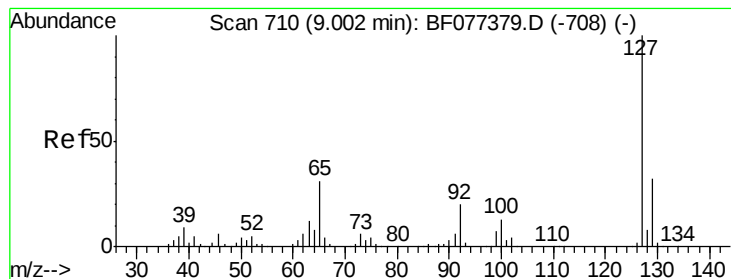
#32
Benzoic acid
Concen: 39.22 ng
RT: 8.49 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF077584.D
Acq: 4 Mar 2015 16:18

Tgt Ion:122 Resp: 72392
Ion Ratio Lower Upper
122 100
105 123.9 100.3 140.3
77 94.4 68.7 108.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 21.42 ng

RT: 8.90 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

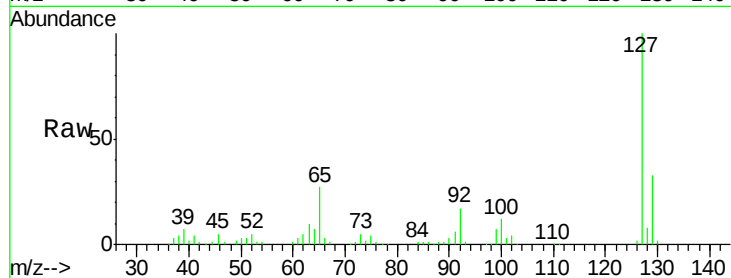
Instrument :

BNA_F

ClientSampleId :

PB81970BS

Tgt Ion:	127	Resp:	116588
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.9	40.3
65	27.4	16.7	25.1#
92	17.4	12.5	18.7

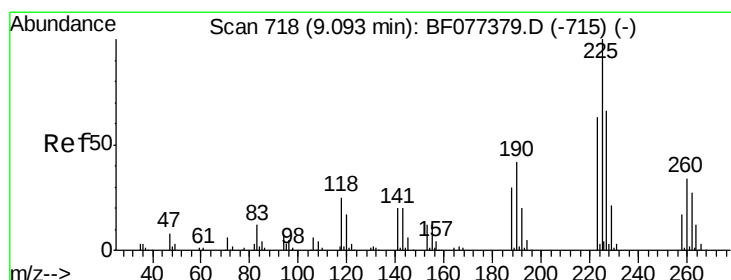
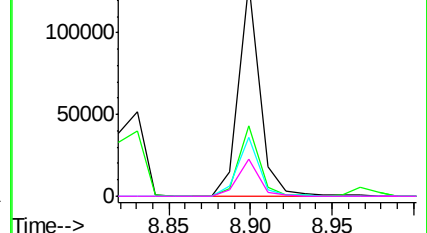
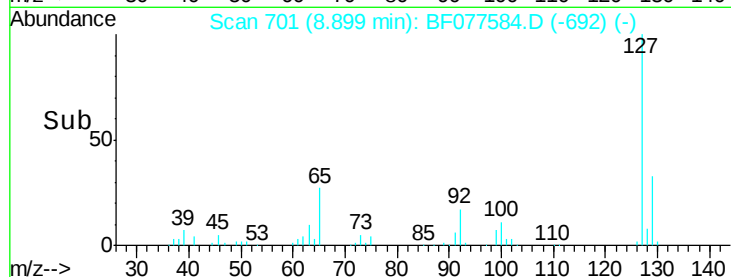


Abundance Ion 127.00 (126.70 to 127.70): E

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: 35.66 ng

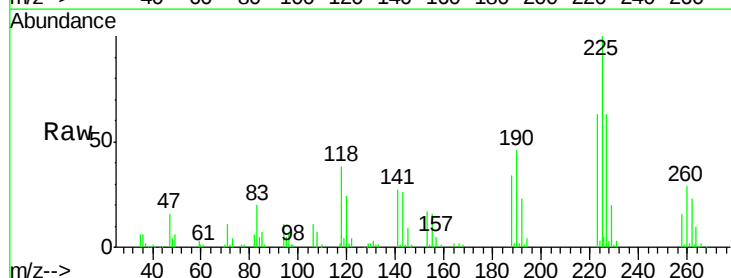
RT: 8.98 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

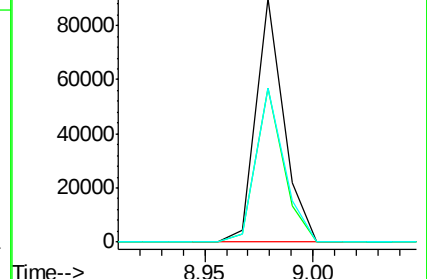
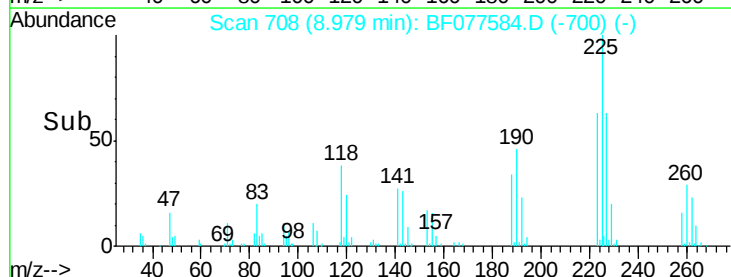
Tgt Ion:	225	Resp:	79814
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.5	74.3
227	63.0	50.5	75.7

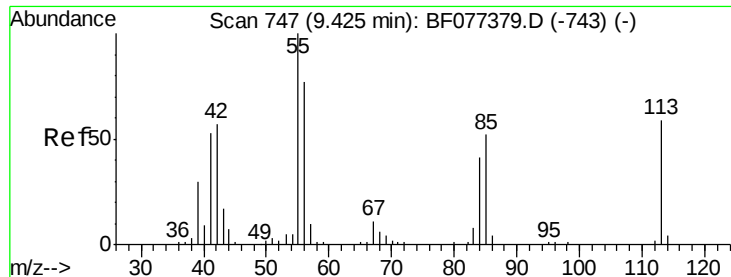


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

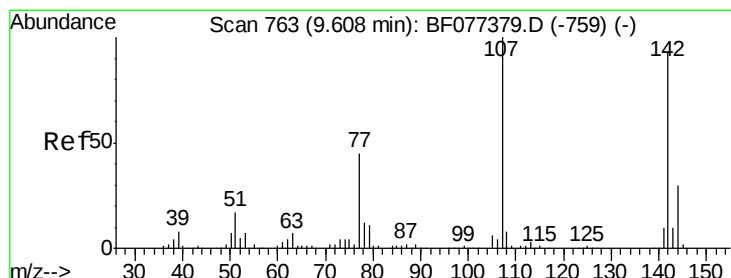
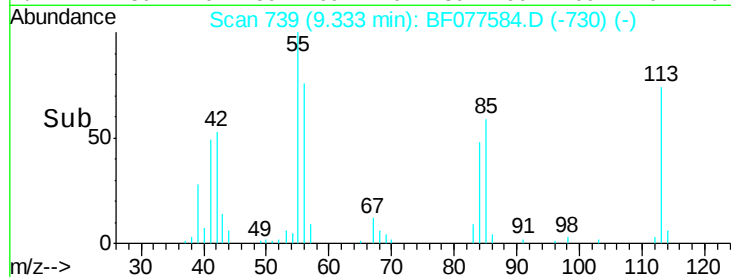
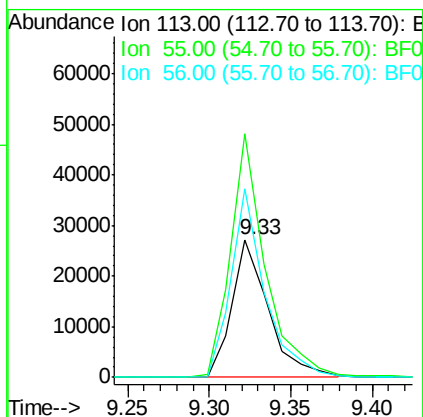
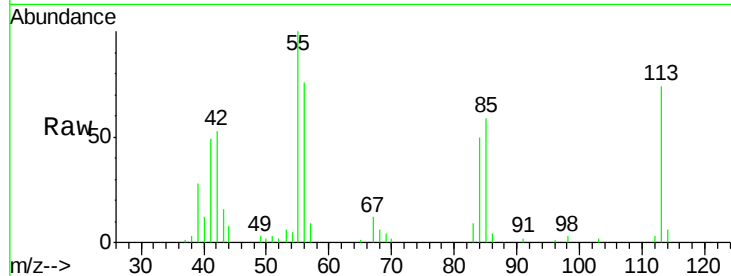




#35
 Caprolactam
 Concen: 38.63 ng
 RT: 9.33 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF077584.D
 Acq: 4 Mar 2015 16:18

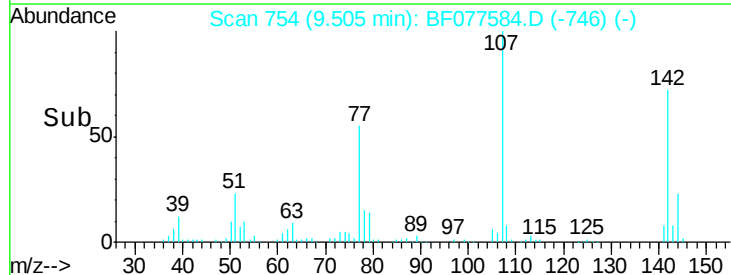
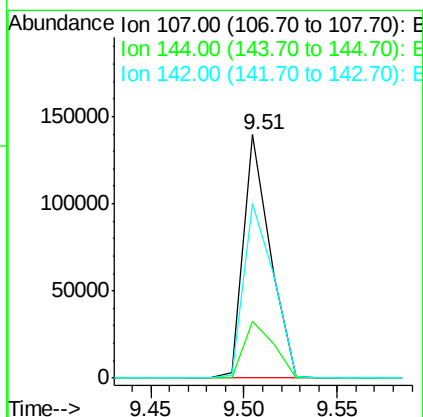
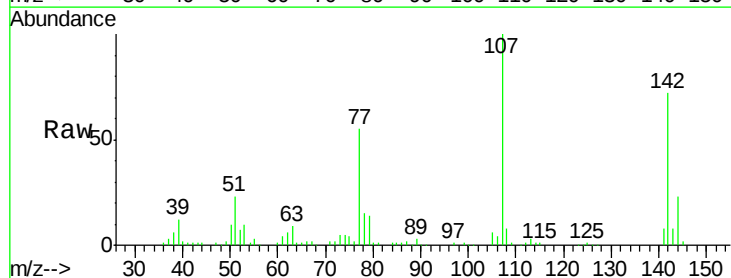
Instrument :
 BNA_F
 ClientSampleId :
 PB81970BS

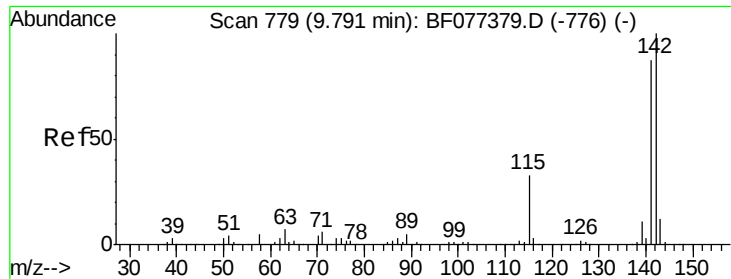
Tgt Ion:113 Resp: 42050
 Ion Ratio Lower Upper
 113 100
 55 134.5 154.6 194.6#
 56 101.6 114.0 154.0#



#36
 4-Chloro-3-methylphenol
 Concen: 38.70 ng
 RT: 9.51 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: BF077584.D
 Acq: 4 Mar 2015 16:18

Tgt Ion:107 Resp: 138717
 Ion Ratio Lower Upper
 107 100
 144 23.1 21.1 31.7
 142 71.9 65.3 97.9

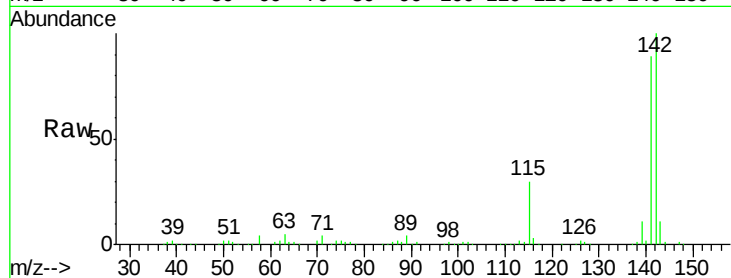




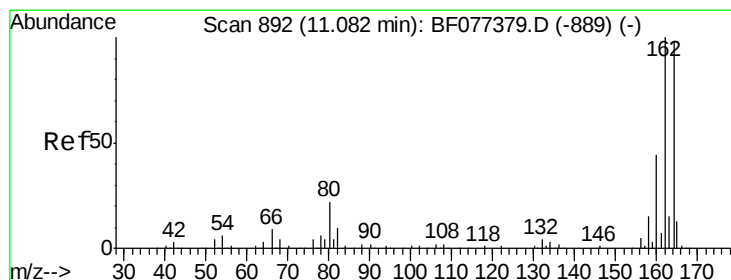
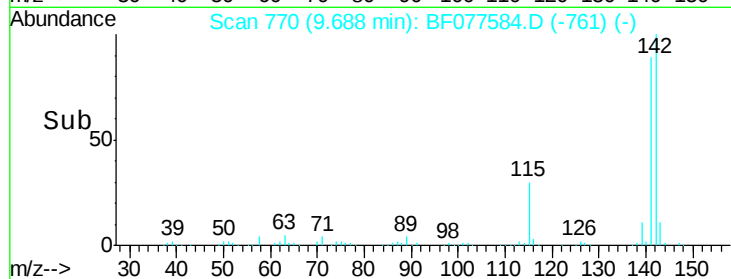
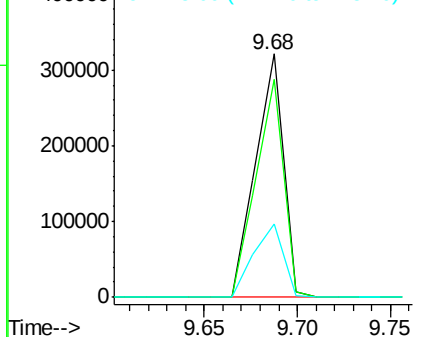
#37
 2-Methylnaphthalene
 Concen: 38.23 ng
 RT: 9.68 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF077584.D
 Acq: 4 Mar 2015 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB81970BS

Tgt Ion:142 Resp: 332395
 Ion Ratio Lower Upper
 142 100
 141 89.3 70.7 106.1
 115 30.4 24.2 36.4

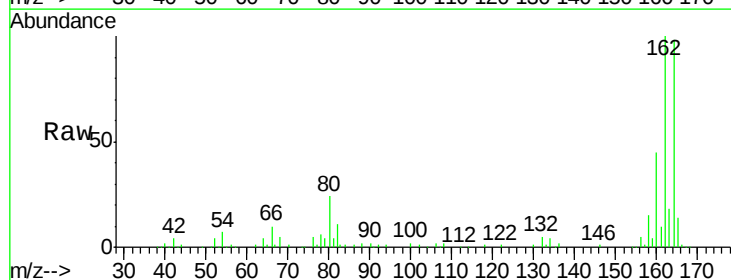


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

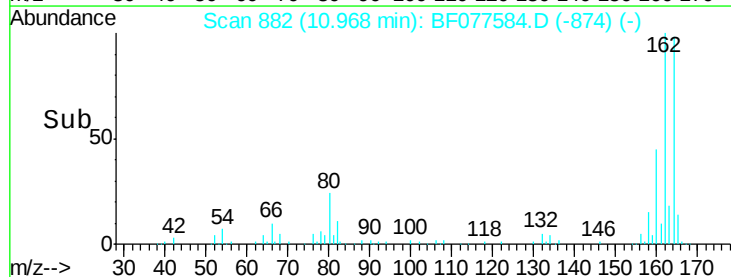
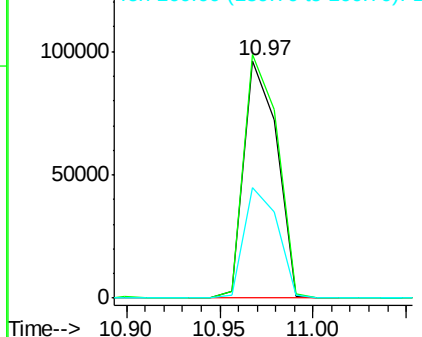


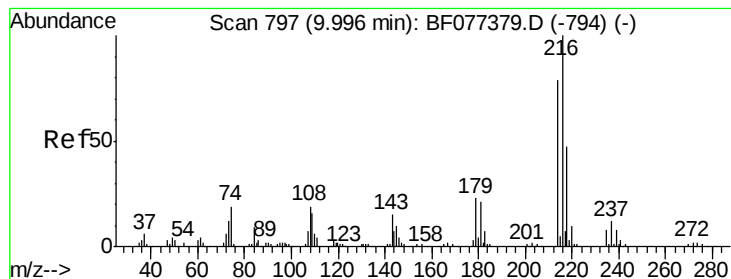
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.97 min Scan# 882
 Delta R.T. -0.00 min
 Lab File: BF077584.D
 Acq: 4 Mar 2015 16:18

Tgt Ion:164 Resp: 118313
 Ion Ratio Lower Upper
 164 100
 162 102.4 83.2 124.8
 160 46.5 34.6 52.0



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.36 ng

RT: 9.89 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

Instrument :

BNA_F

ClientSampleId :

PB81970BS

Tgt Ion:216 Resp: 143802

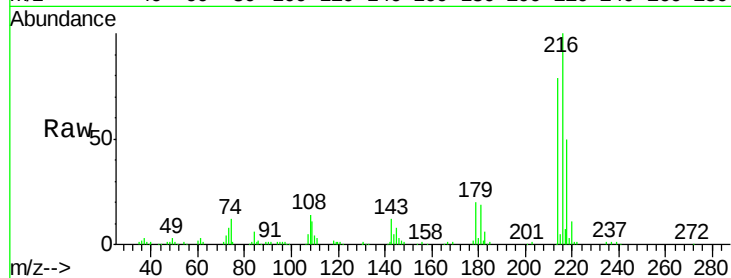
Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.0

179 21.3 16.6 25.0

108 20.6 14.2 21.4

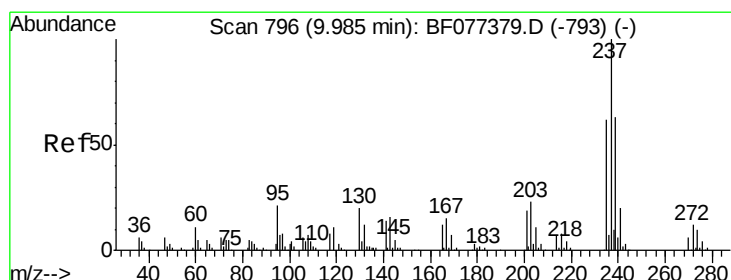
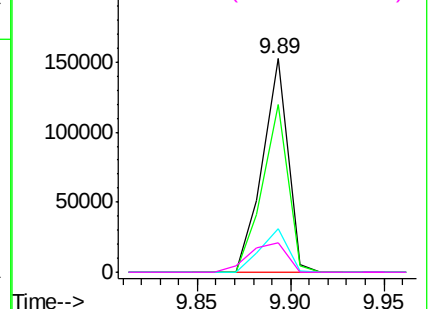
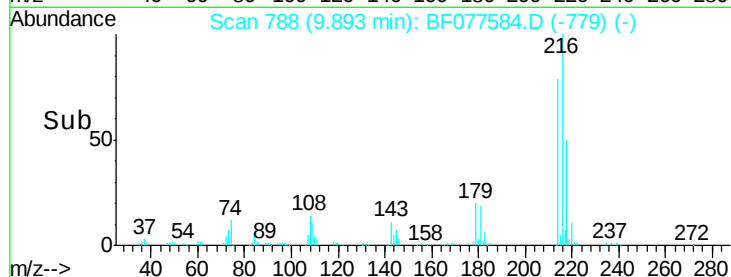


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 77.29 ng

RT: 9.88 min Scan# 787

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

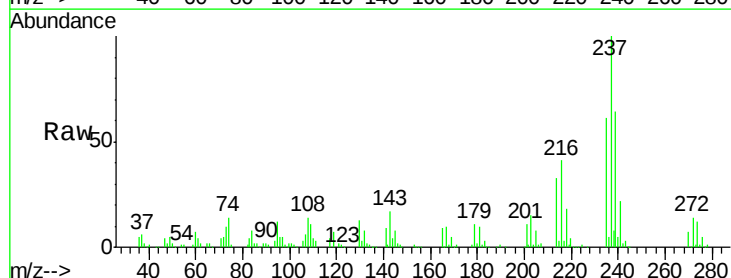
Tgt Ion:237 Resp: 140697

Ion Ratio Lower Upper

237 100

235 61.2 41.0 81.0

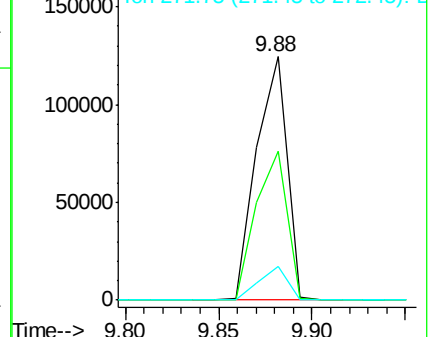
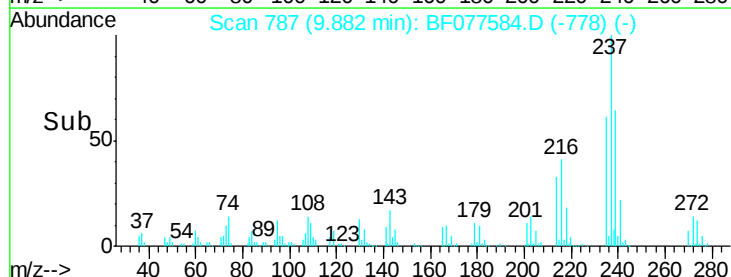
272 13.8 0.0 34.3

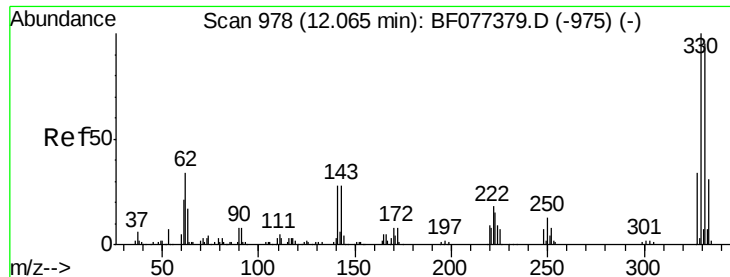


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

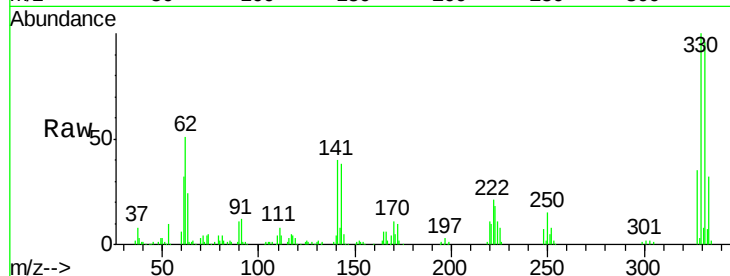




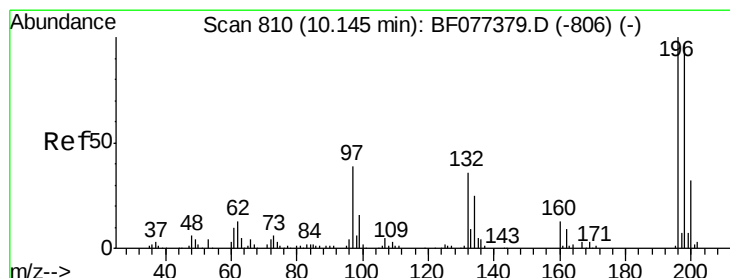
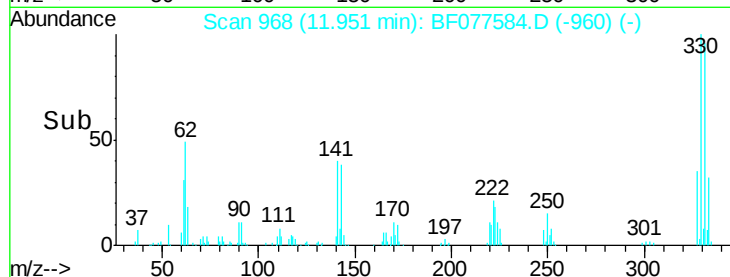
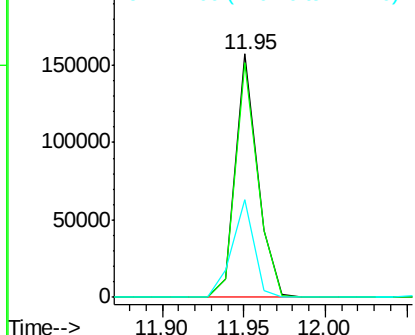
#41
 2,4,6-Tribromophenol
 Concen: 129.81 ng
 RT: 11.95 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BF077584.D
 Acq: 4 Mar 2015 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB81970BS

Tgt Ion:330 Resp: 147879
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.2
 141 39.7 28.8 43.2

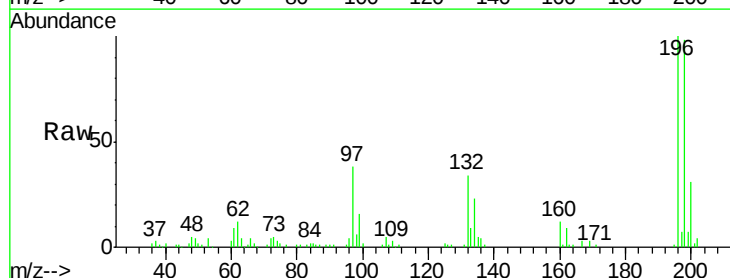


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

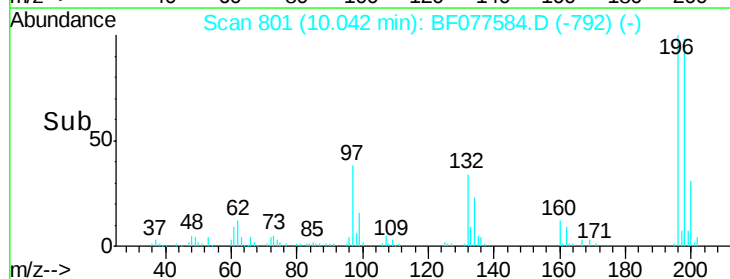
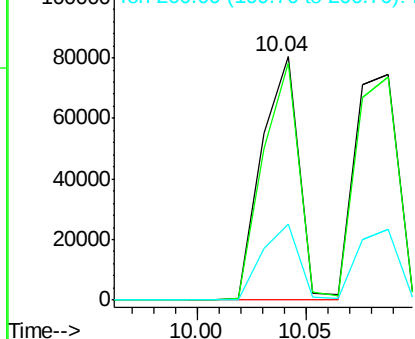


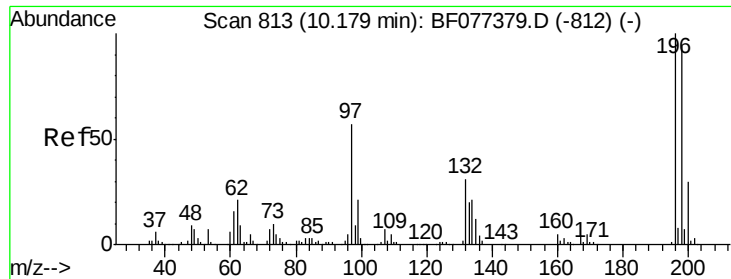
#42
 2,4,6-Trichlorophenol
 Concen: 42.78 ng
 RT: 10.04 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF077584.D
 Acq: 4 Mar 2015 16:18

Tgt Ion:196 Resp: 96166
 Ion Ratio Lower Upper
 196 100
 198 97.6 75.8 113.8
 200 31.3 24.2 36.4



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

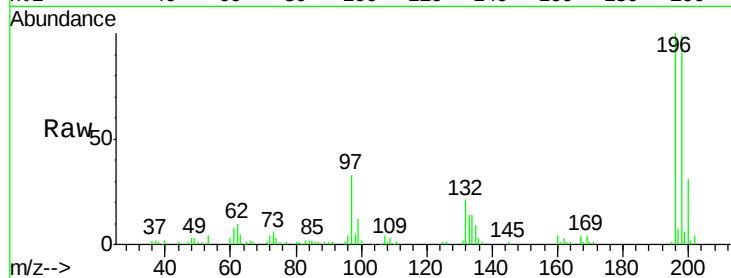




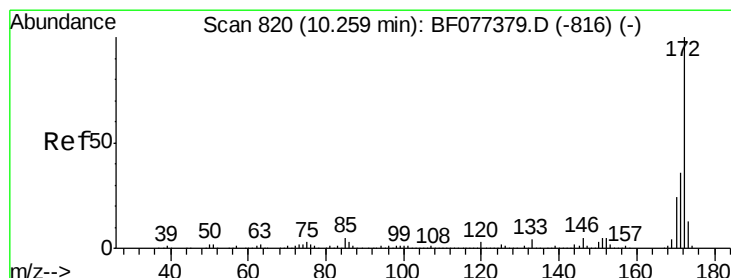
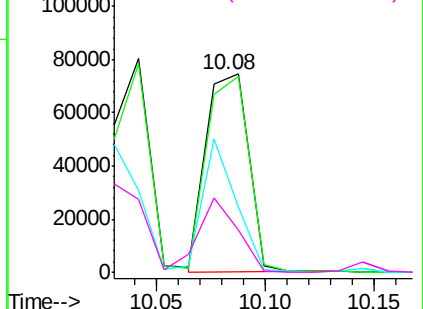
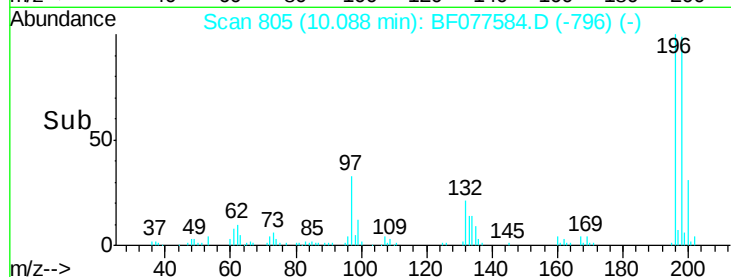
#43
 2,4,5-Trichlorophenol
 Concen: 42.24 ng
 RT: 10.08 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF077584.D
 Acq: 4 Mar 2015 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB81970BS

Tgt Ion:196 Resp: 101548
 Ion Ratio Lower Upper
 196 100
 198 98.7 77.2 115.8
 97 32.9 27.7 41.5
 132 21.3 18.0 27.0

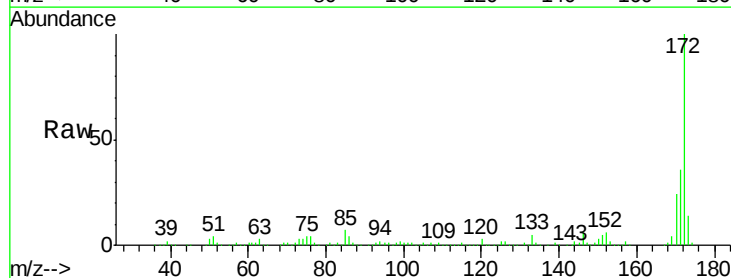


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

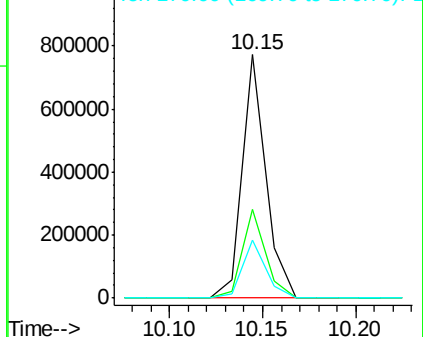
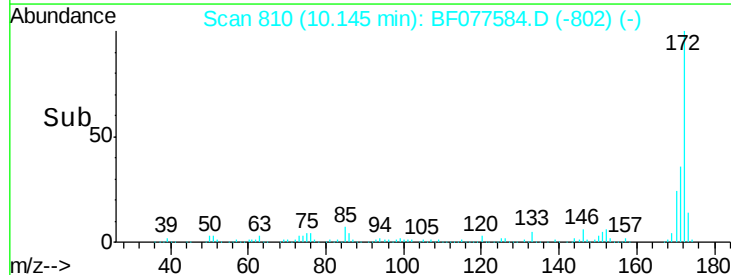


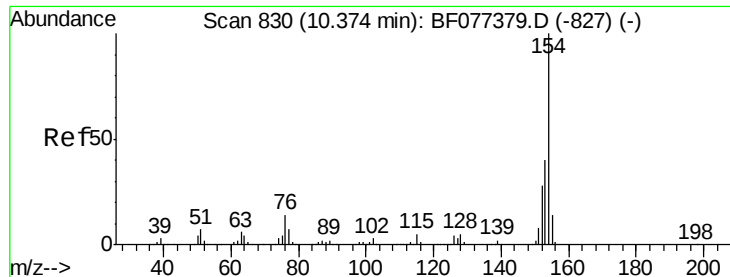
#44
 2-Fluorobiphenyl
 Concen: 89.69 ng
 RT: 10.15 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF077584.D
 Acq: 4 Mar 2015 16:18

Tgt Ion:172 Resp: 680539
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.9 43.3
 170 24.1 19.4 29.2



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

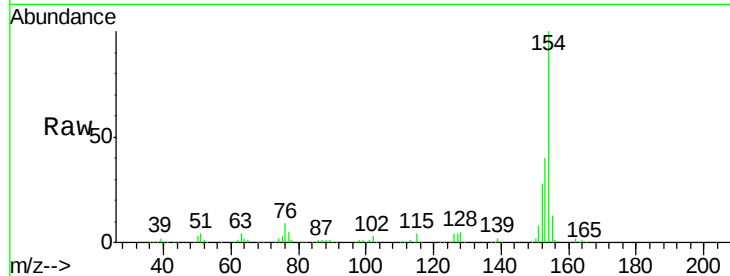




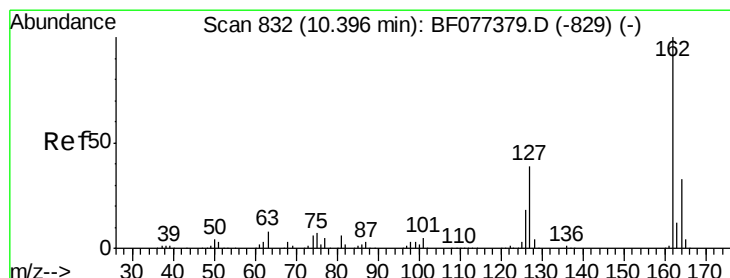
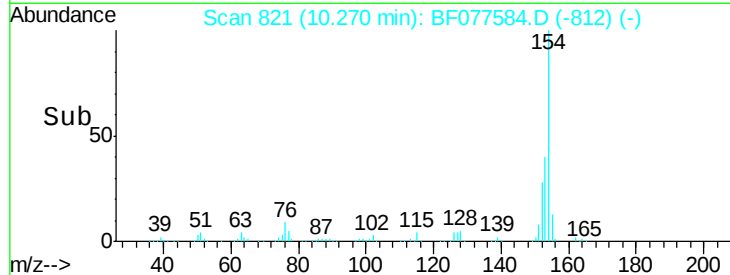
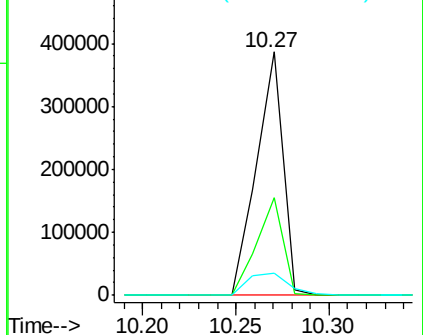
#45
 1,1'-Biphenyl
 Concen: 43.01 ng
 RT: 10.27 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF077584.D
 Acq: 4 Mar 2015 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB81970BS

Tgt Ion:	154	Resp:	385515
Ion Ratio	Lower	Upper	
154	100		
153	39.9	20.2	60.2
76	9.4	0.0	29.4

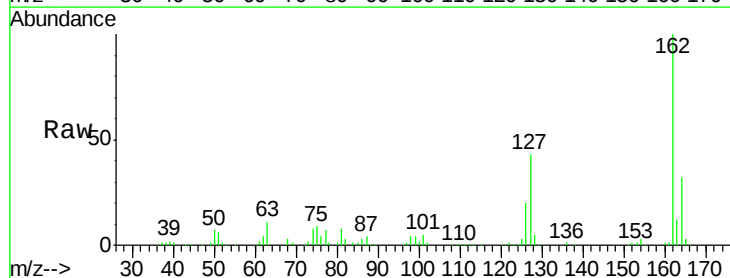


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

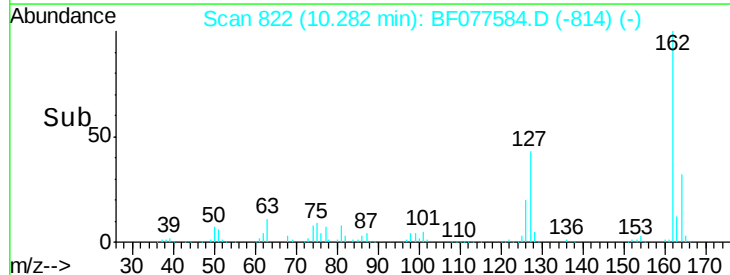
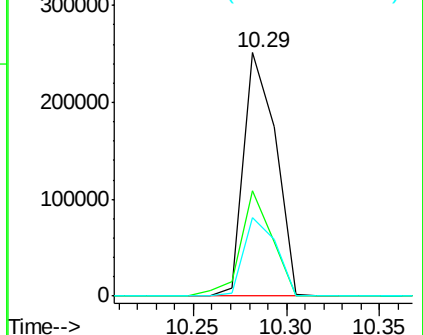


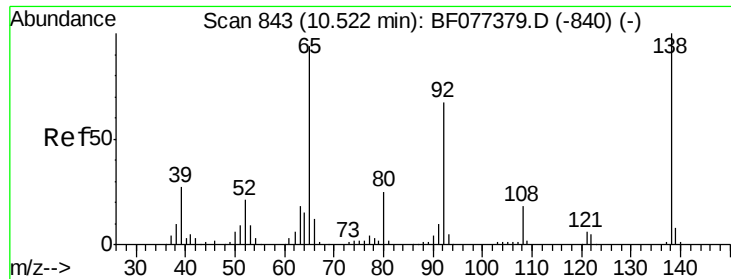
#46
 2-Chloronaphthalene
 Concen: 42.58 ng
 RT: 10.29 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF077584.D
 Acq: 4 Mar 2015 16:18

Tgt Ion:	162	Resp:	299359
Ion Ratio	Lower	Upper	
162	100		
127	43.0	33.3	49.9
164	32.4	26.2	39.4



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

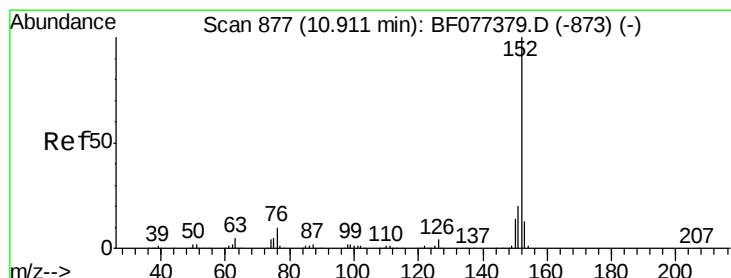
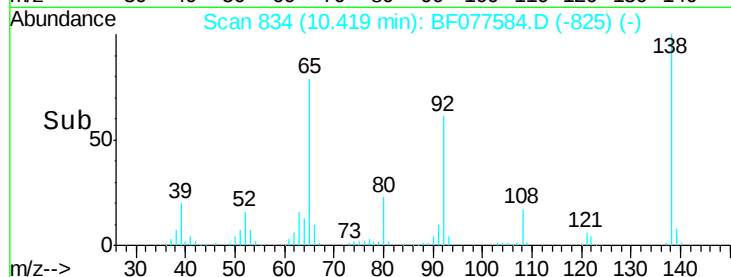
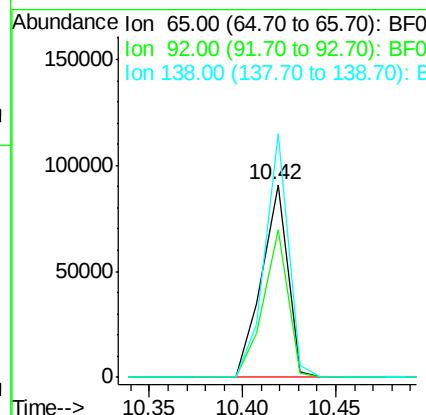
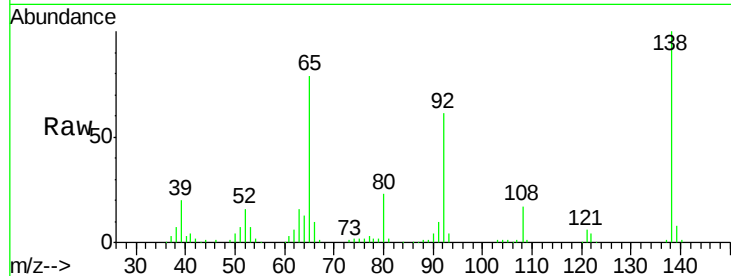




#47
2-Nitroaniline
Concen: 51.14 ng
RT: 10.42 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF077584.D
Acq: 4 Mar 2015 16:18

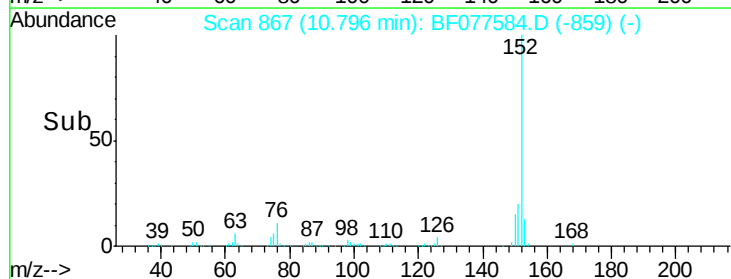
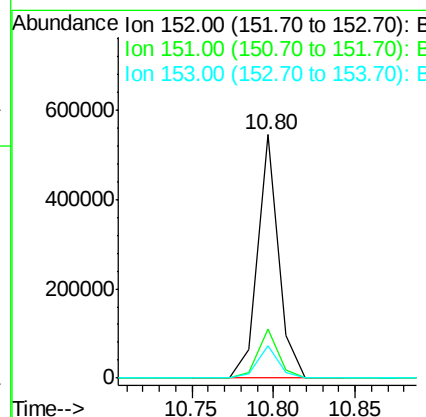
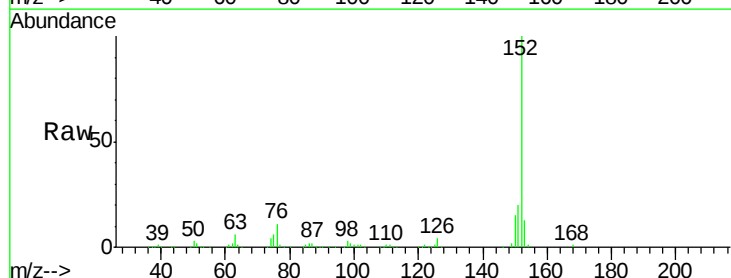
Instrument :
BNA_F
ClientSampleId :
PB81970BS

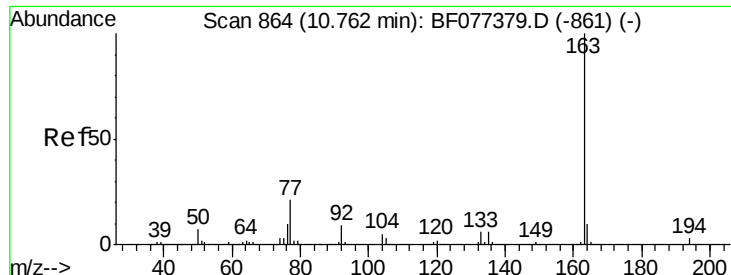
Tgt Ion: 65 Resp: 88493
Ion Ratio Lower Upper
65 100
92 76.4 52.4 78.6
138 126.2 73.4 110.0#



#48
Acenaphthylene
Concen: 43.59 ng
RT: 10.80 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF077584.D
Acq: 4 Mar 2015 16:18

Tgt Ion: 152 Resp: 485154
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.4 10.9 16.3

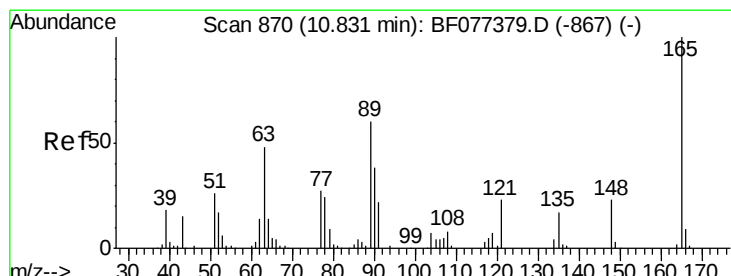
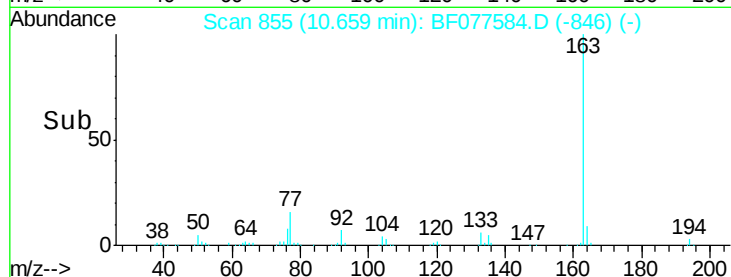
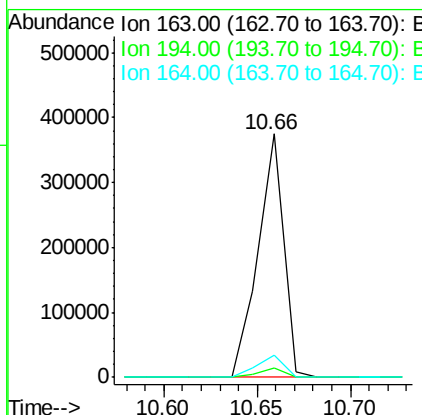
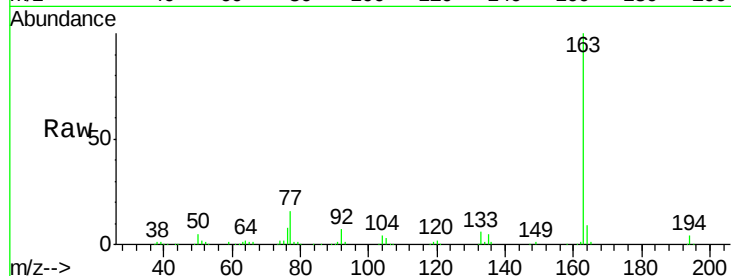




#49
Dimethylphthalate
Concen: 42.71 ng
RT: 10.66 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF077584.D
Acq: 4 Mar 2015 16:18

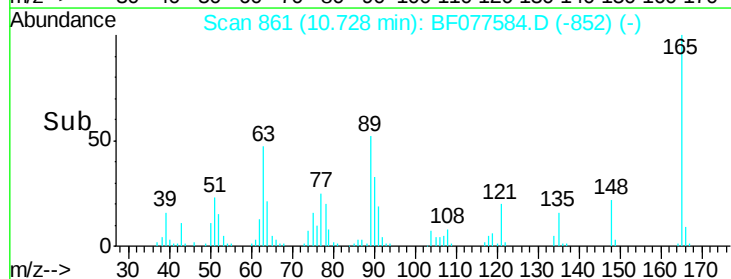
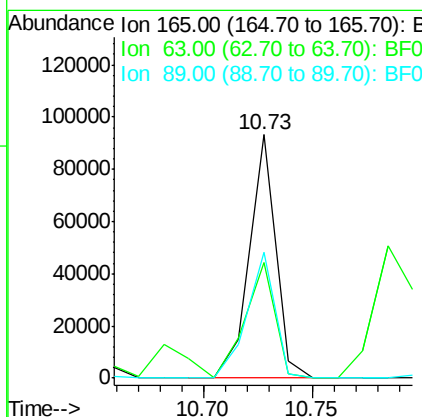
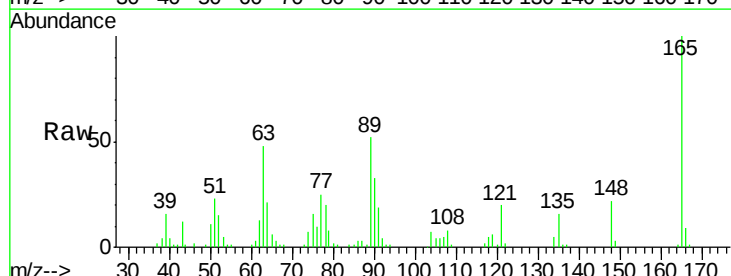
Instrument :
BNA_F
ClientSampleId :
PB81970BS

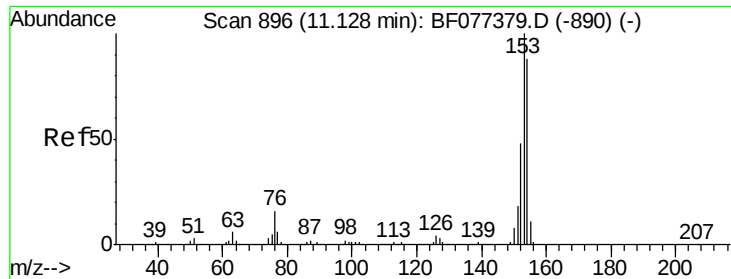
Tgt Ion:163 Resp: 355207
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 9.3 8.6 13.0



#50
2,6-Dinitrotoluene
Concen: 47.23 ng
RT: 10.73 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF077584.D
Acq: 4 Mar 2015 16:18

Tgt Ion:165 Resp: 78774
Ion Ratio Lower Upper
165 100
63 47.6 25.2 37.8#
89 51.6 30.5 45.7#





#51

Acenaphthene

Concen: 43.22 ng

RT: 11.01 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

Instrument :

BNA_F

ClientSampleId :

PB81970BS

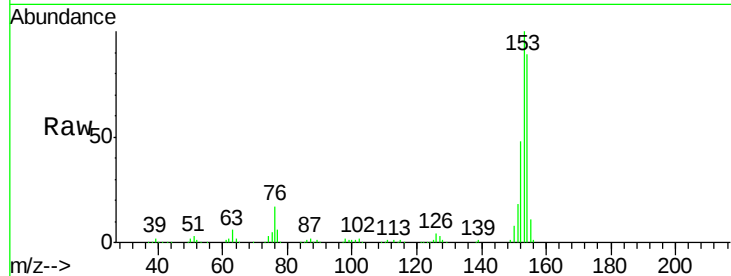
Tgt Ion:154 Resp: 287030

Ion Ratio Lower Upper

154 100

153 112.6 90.5 135.7

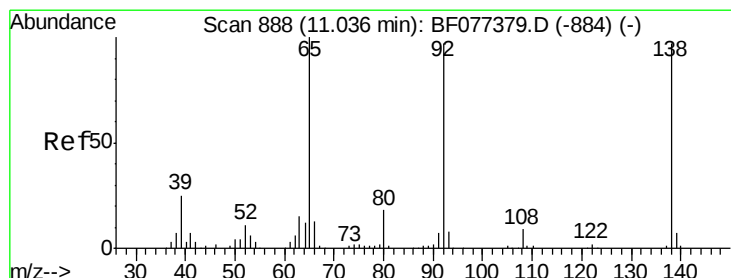
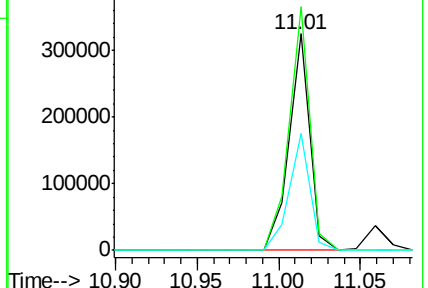
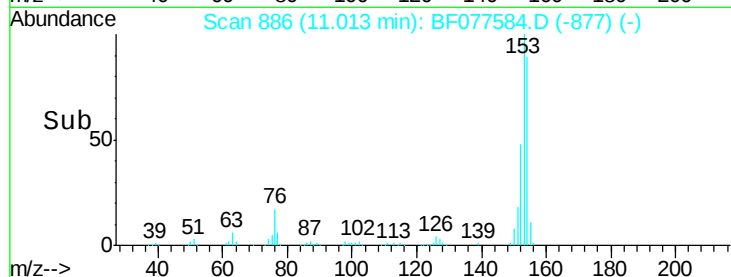
152 53.9 43.5 65.3



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: 30.08 ng

RT: 10.93 min Scan# 878

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

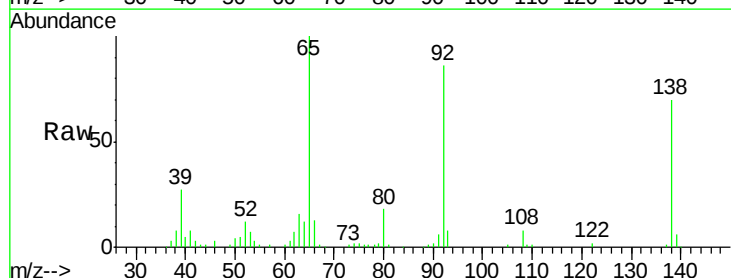
Tgt Ion:138 Resp: 57839

Ion Ratio Lower Upper

138 100

108 11.7 7.8 11.8

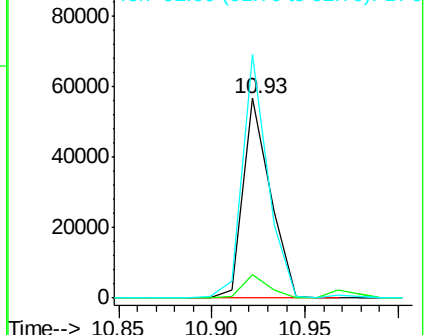
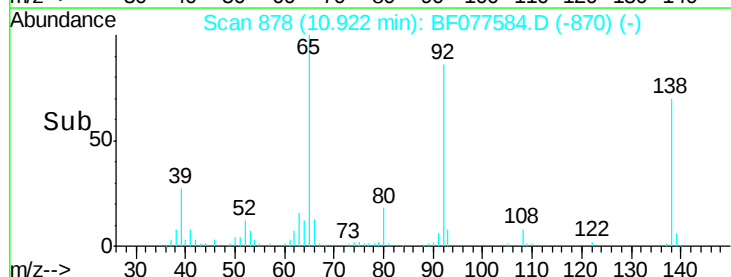
92 121.7 90.6 135.8

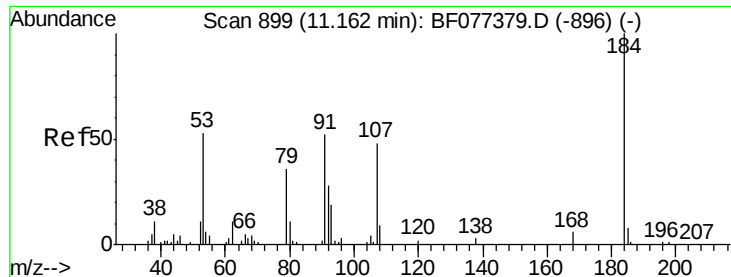


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

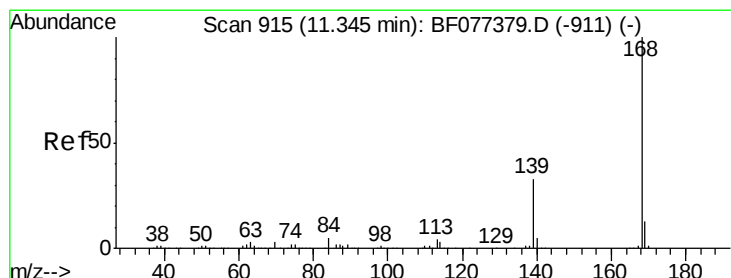
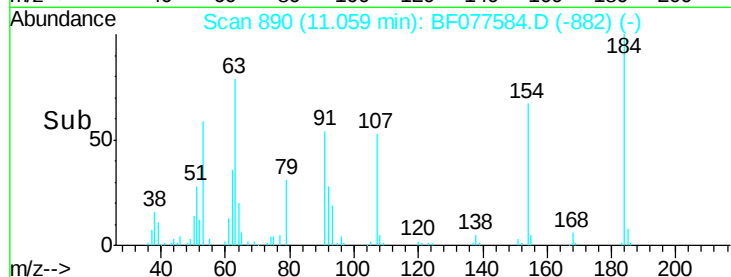
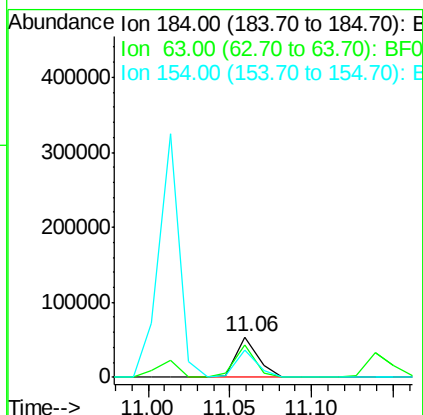
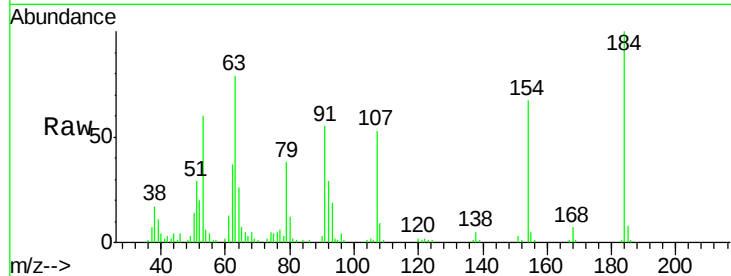




#53
2,4-Dinitrophenol
Concen: 99.83 ng
RT: 11.06 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF077584.D
Acq: 4 Mar 2015 16:18

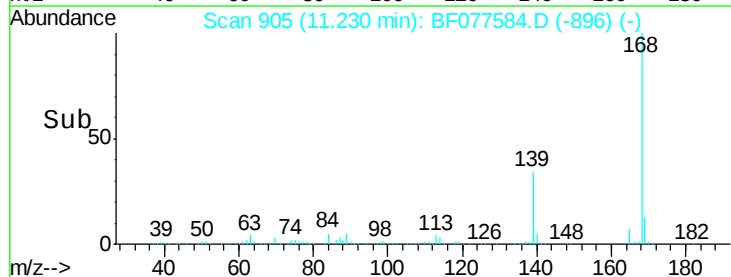
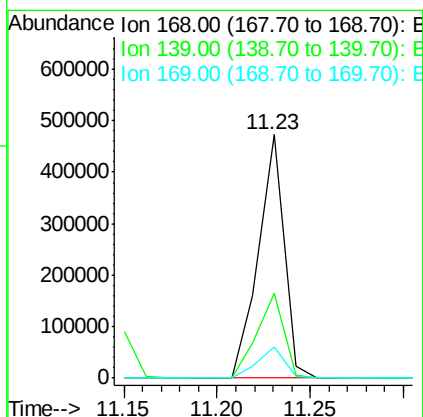
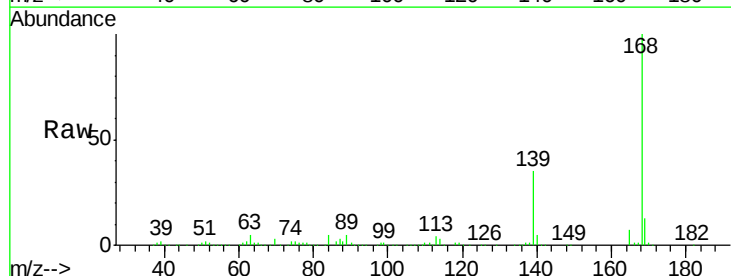
Instrument :
BNA_F
ClientSampleId :
PB81970BS

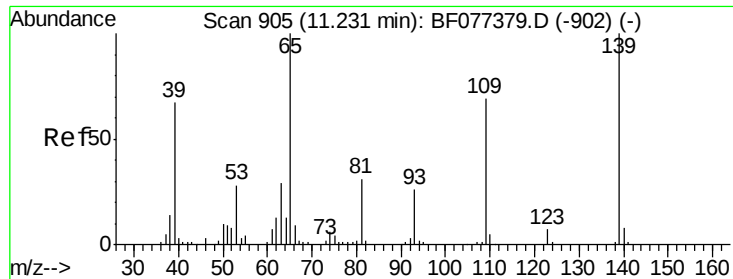
Tgt Ion:184 Resp: 50662
Ion Ratio Lower Upper
184 100
63 79.0 29.5 44.3#
154 67.4 43.2 64.8#



#54
Dibenzofuran
Concen: 43.93 ng
RT: 11.23 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF077584.D
Acq: 4 Mar 2015 16:18

Tgt Ion:168 Resp: 450453
Ion Ratio Lower Upper
168 100
139 35.0 29.3 43.9
169 13.0 10.9 16.3

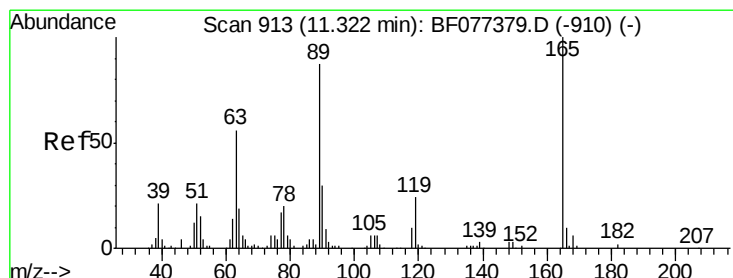
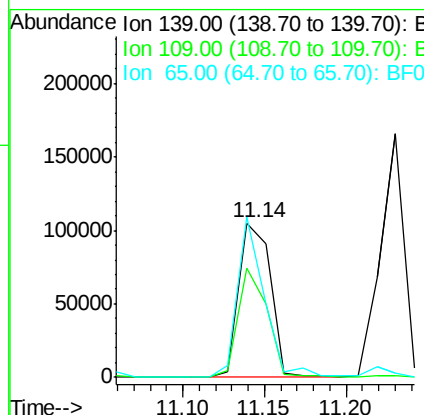
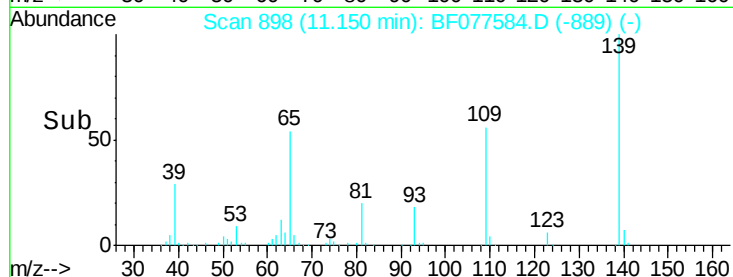
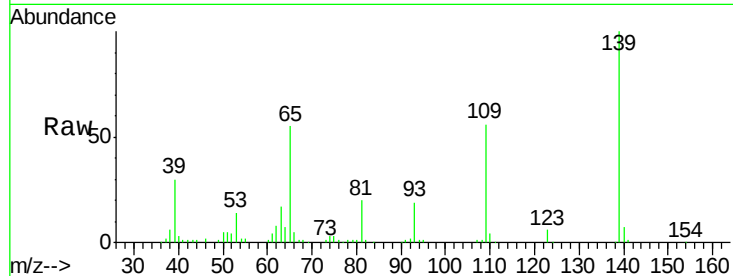




#55
4-Nitrophenol
Concen: 91.39 ng
RT: 11.14 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF077584.D
Acq: 4 Mar 2015 16:18

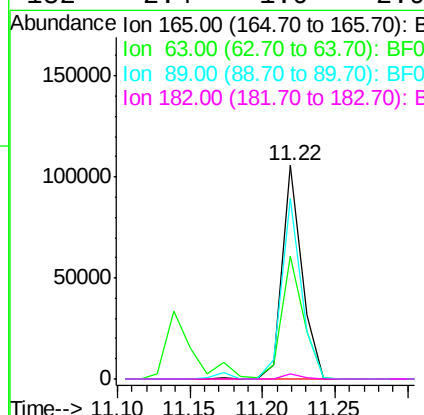
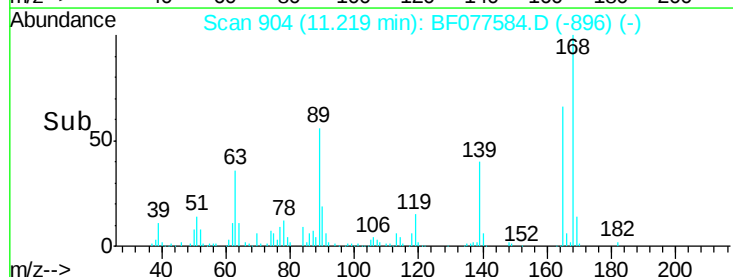
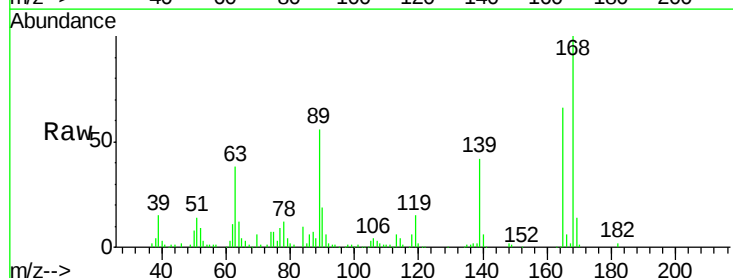
Instrument :
BNA_F
ClientSampleId :
PB81970BS

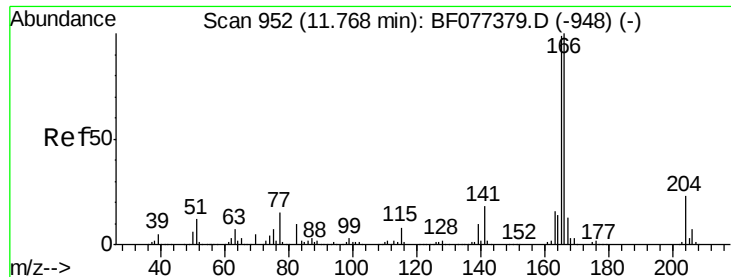
Tgt Ion:139 Resp: 141340
Ion Ratio Lower Upper
139 100
109 55.5 36.2 76.2
65 55.1 40.3 80.3



#56
2,4-Dinitrotoluene
Concen: 43.98 ng
RT: 11.22 min Scan# 904
Delta R.T. -0.00 min
Lab File: BF077584.D
Acq: 4 Mar 2015 16:18

Tgt Ion:165 Resp: 99120
Ion Ratio Lower Upper
165 100
63 57.3 29.8 44.8#
89 84.4 48.5 72.7#
182 2.4 1.9 2.9

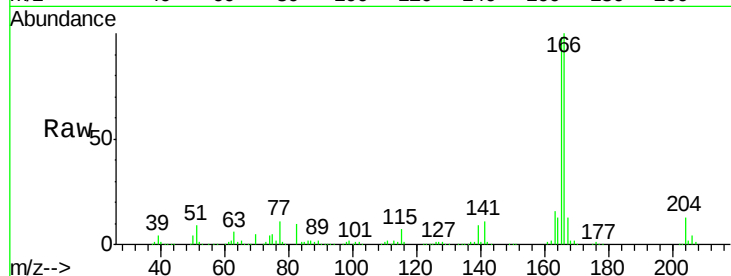




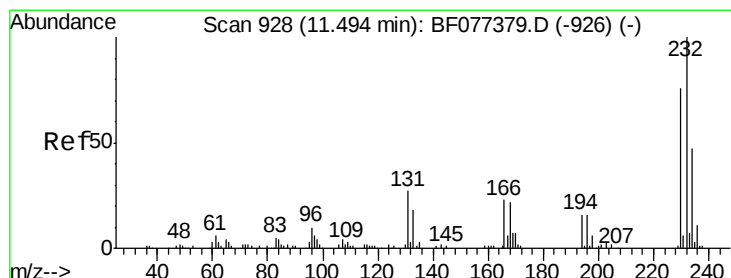
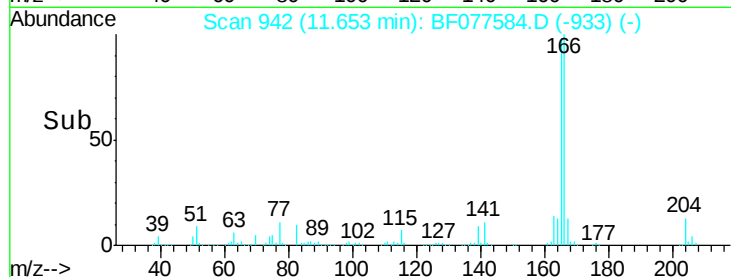
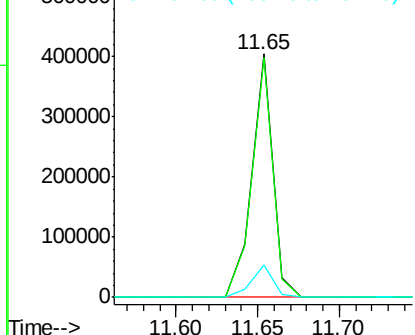
#57
 Fluorene
 Concen: 43.88 ng
 RT: 11.65 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BF077584.D
 Acq: 4 Mar 2015 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB81970BS

Tgt Ion:166 Resp: 359677
 Ion Ratio Lower Upper
 166 100
 165 98.3 77.6 116.4
 167 13.4 10.6 16.0

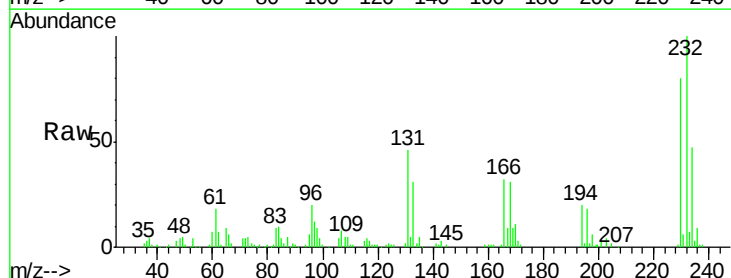


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

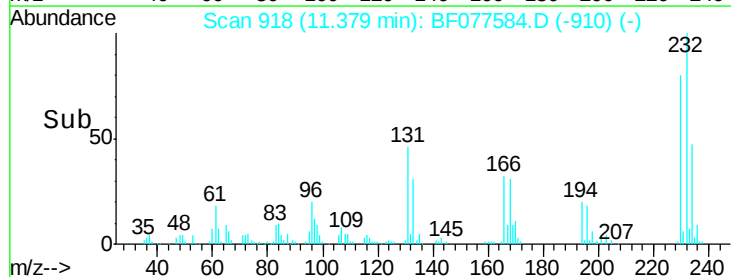
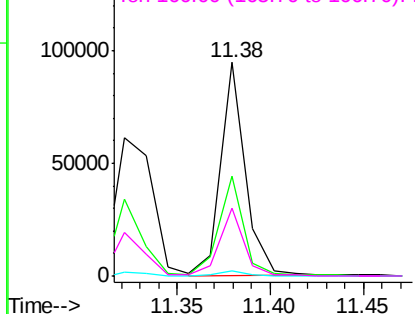


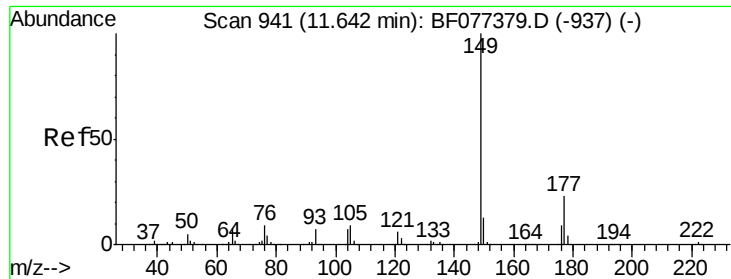
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.83 ng
 RT: 11.38 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BF077584.D
 Acq: 4 Mar 2015 16:18

Tgt Ion:232 Resp: 86650
 Ion Ratio Lower Upper
 232 100
 131 46.3 34.2 51.2
 130 2.2 1.8 2.6
 166 31.8 24.3 36.5



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

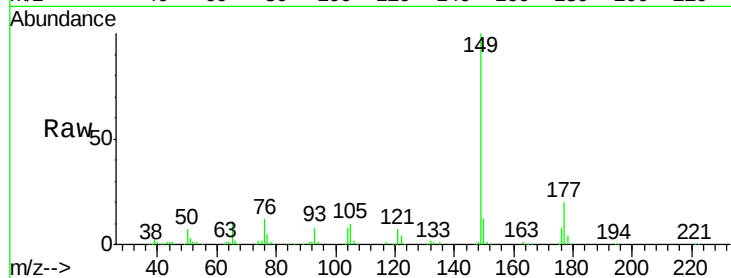




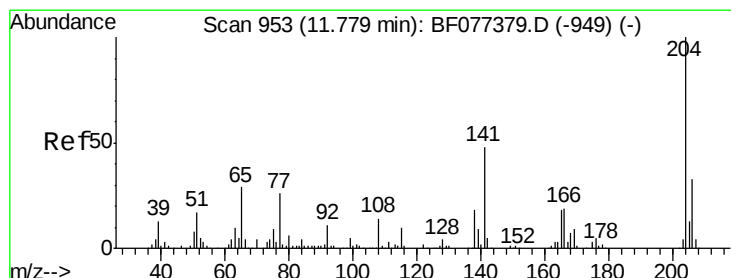
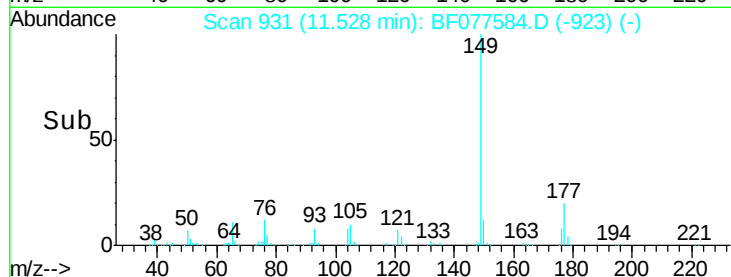
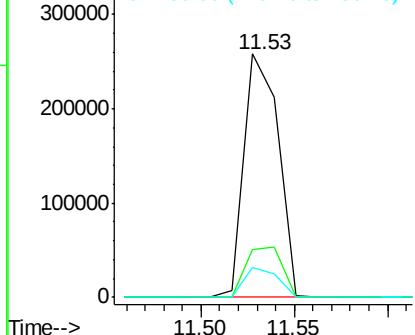
#59
Diethylphthalate
Concen: 40.23 ng
RT: 11.53 min Scan# 931
Delta R.T. -0.00 min
Lab File: BF077584.D
Acq: 4 Mar 2015 16:18

Instrument :
BNA_F
ClientSampleId :
PB81970BS

Tgt Ion:149 Resp: 329820
Ion Ratio Lower Upper
149 100
177 19.6 17.2 25.8
150 12.2 10.5 15.7

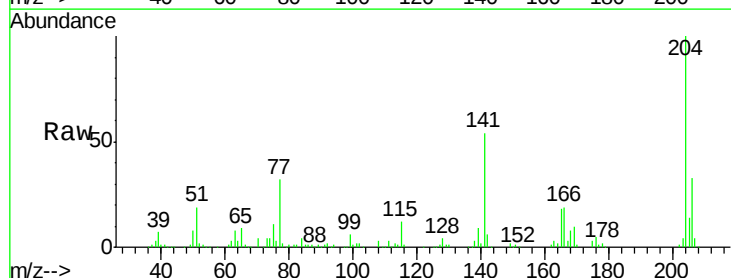


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

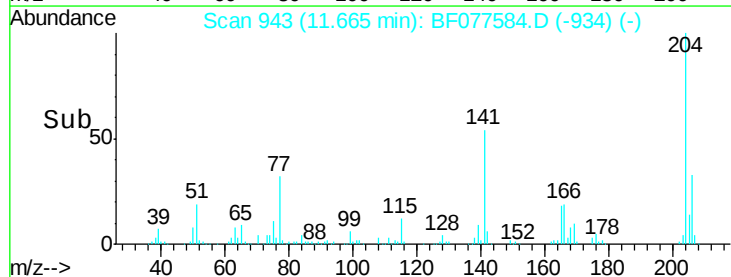
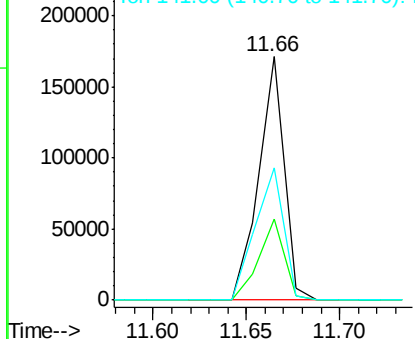


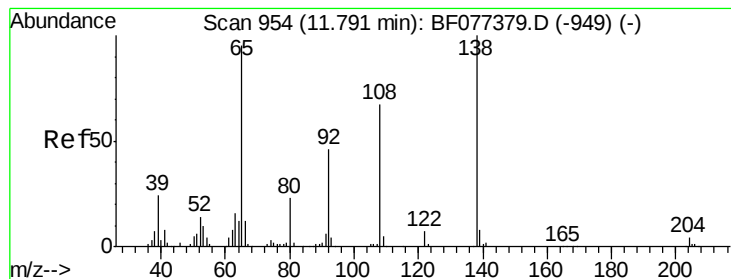
#60
4-Chlorophenyl-phenylether
Concen: 40.78 ng
RT: 11.66 min Scan# 943
Delta R.T. -0.00 min
Lab File: BF077584.D
Acq: 4 Mar 2015 16:18

Tgt Ion:204 Resp: 161072
Ion Ratio Lower Upper
204 100
206 33.4 25.9 38.9
141 54.4 43.6 65.4



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.88 ng

RT: 11.68 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

Instrument :

BNA_F

ClientSampleId :

PB81970BS

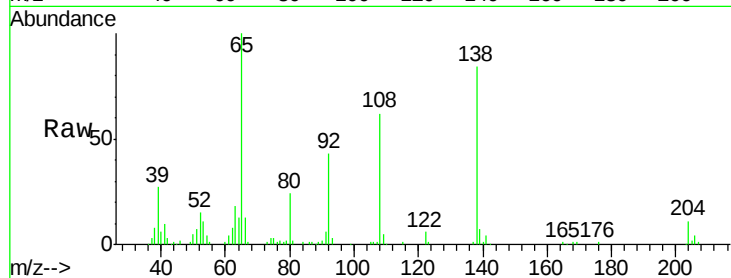
Tgt Ion:138 Resp: 80878

Ion Ratio Lower Upper

138 100

92 51.3 32.8 72.8

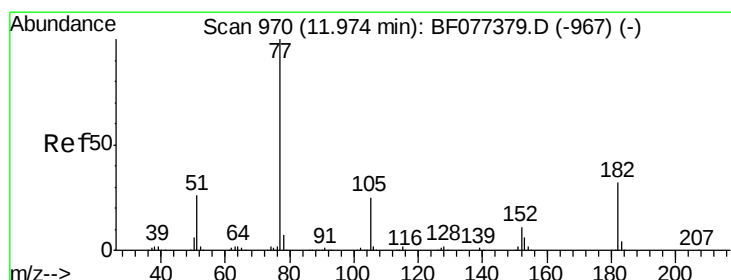
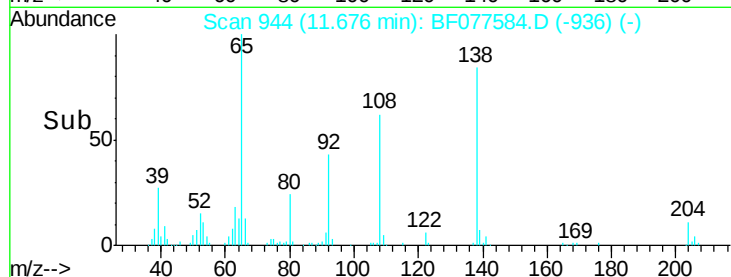
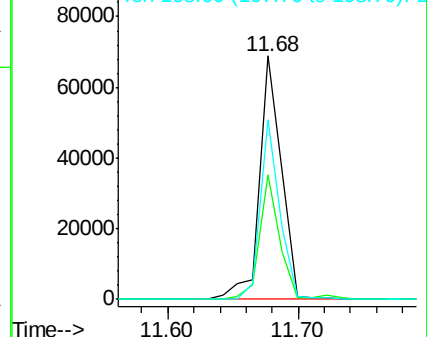
108 73.7 52.1 92.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.81 ng

RT: 11.86 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

Tgt Ion: 77 Resp: 340766

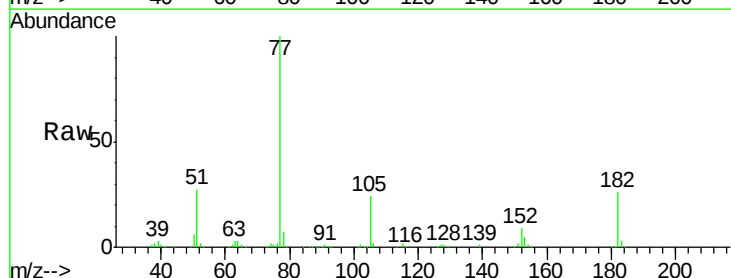
Ion Ratio Lower Upper

77 100

182 25.6 4.9 44.9

105 23.6 3.3 43.3

51 27.3 8.9 48.9

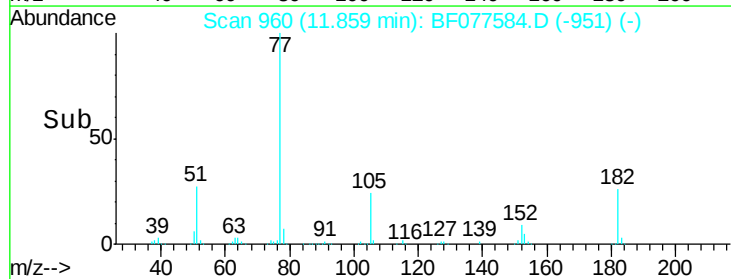
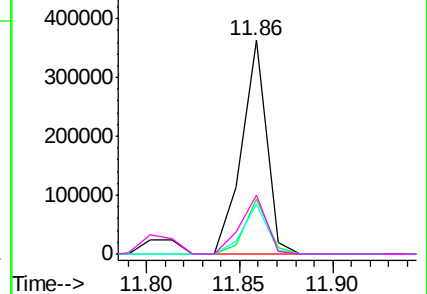


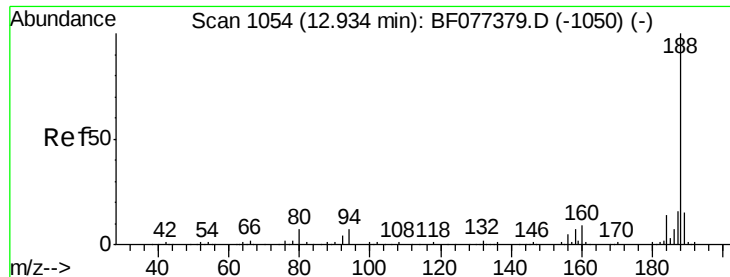
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

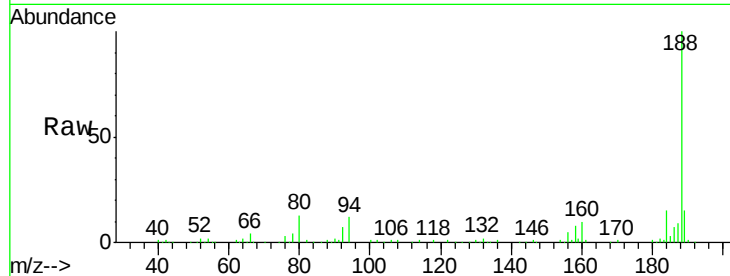




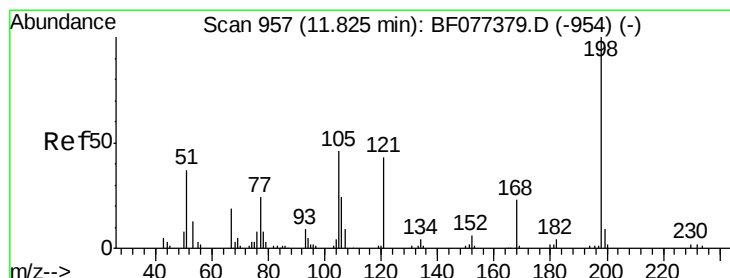
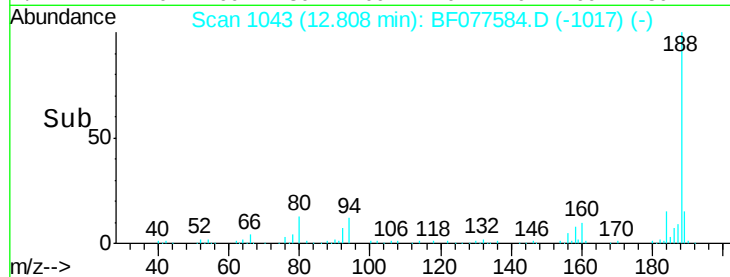
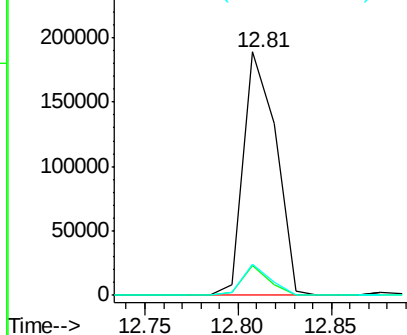
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.81 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF077584.D
Acq: 4 Mar 2015 16:18

Instrument :
BNA_F
ClientSampleId :
PB81970BS

Tgt Ion:188 Resp: 229321
Ion Ratio Lower Upper
188 100
94 12.3 7.4 11.2#
80 12.8 8.0 12.0#

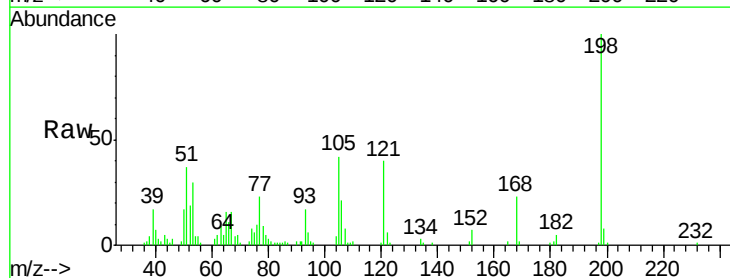


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

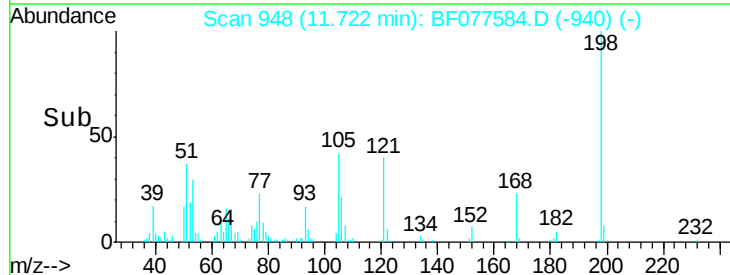
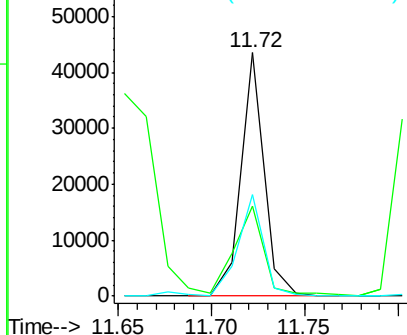


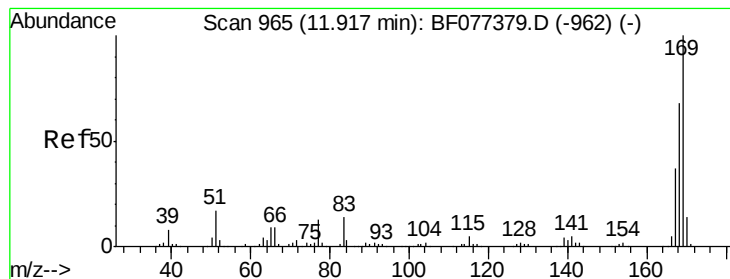
#64
4,6-Dinitro-2-methylphenol
Concen: 41.73 ng
RT: 11.72 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF077584.D
Acq: 4 Mar 2015 16:18

Tgt Ion:198 Resp: 37702
Ion Ratio Lower Upper
198 100
51 36.9 2.7 42.7
105 41.8 10.0 50.0



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.65 ng

RT: 11.81 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

Instrument :

BNA_F

ClientSampleId :

PB81970BS

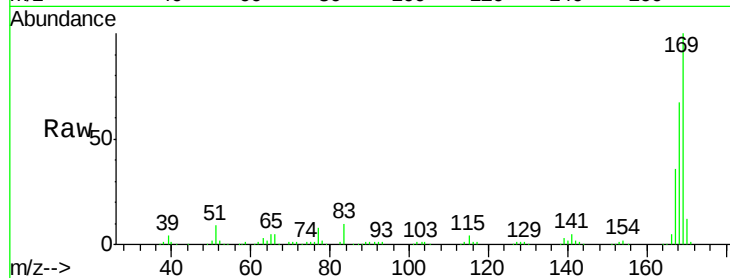
Tgt Ion:169 Resp: 309274

Ion Ratio Lower Upper

169 100

168 67.3 53.0 79.6

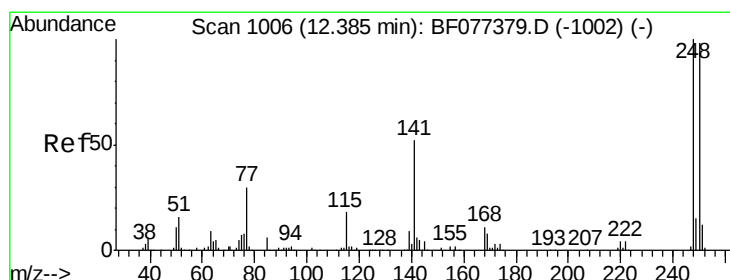
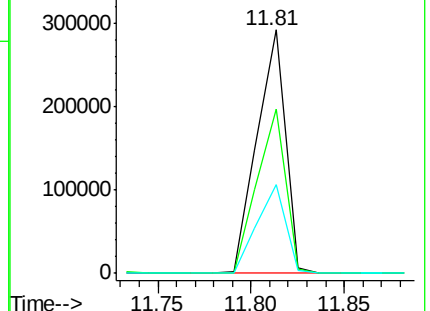
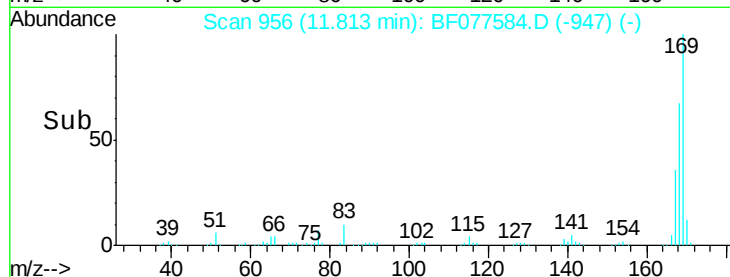
167 36.4 29.5 44.3



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: 36.32 ng

RT: 12.27 min Scan# 996

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

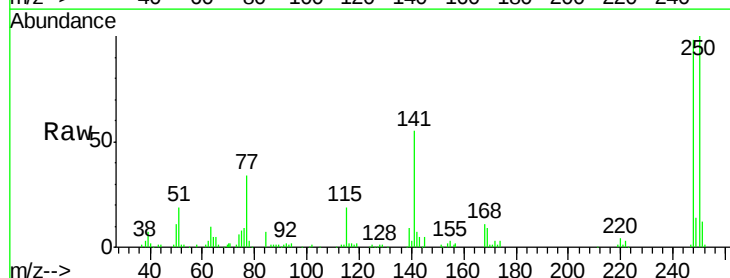
Tgt Ion:248 Resp: 97534

Ion Ratio Lower Upper

248 100

250 101.8 78.0 117.0

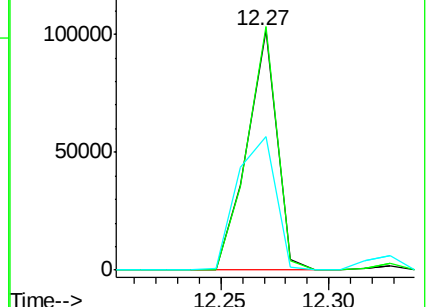
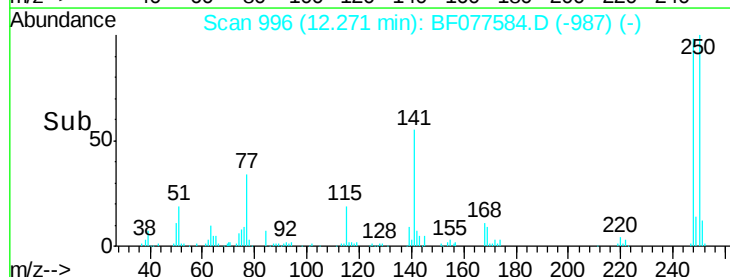
141 55.7 54.1 81.1

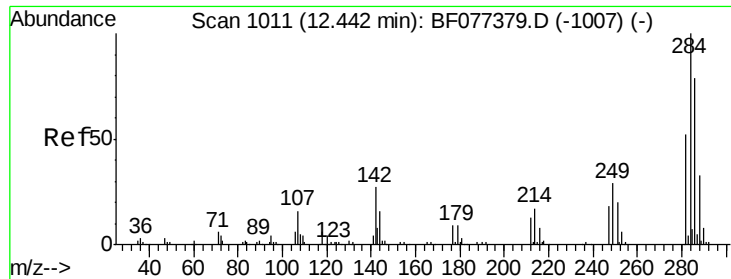


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

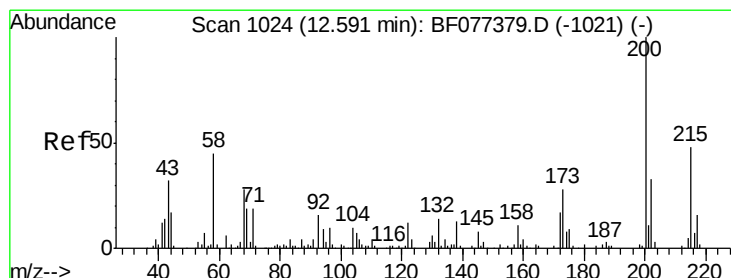
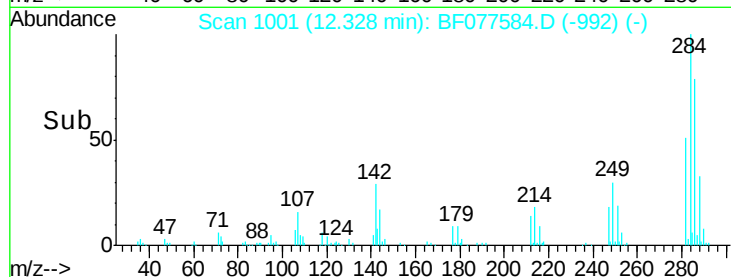
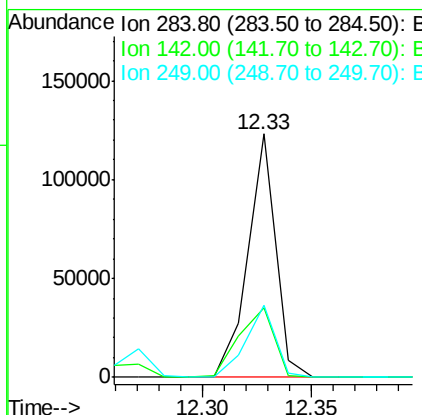
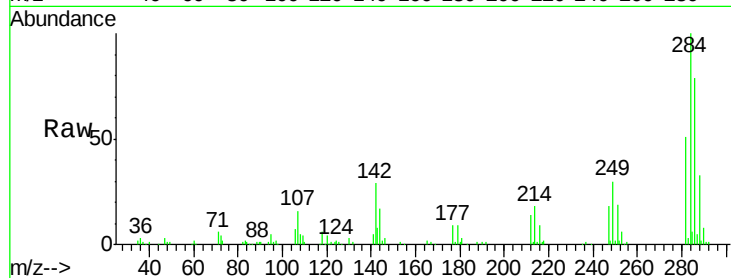




#67
Hexachlorobenzene
Concen: 37.82 ng
RT: 12.33 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF077584.D
Acq: 4 Mar 2015 16:18

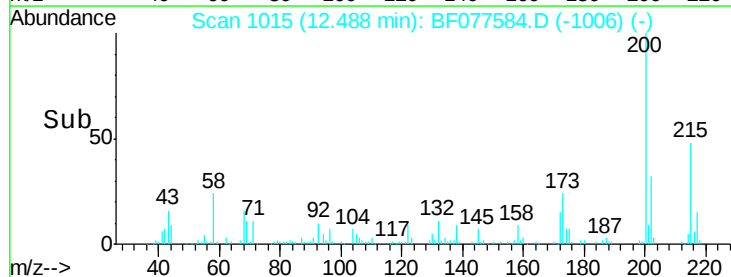
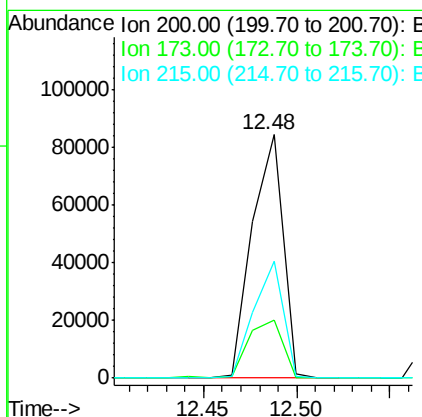
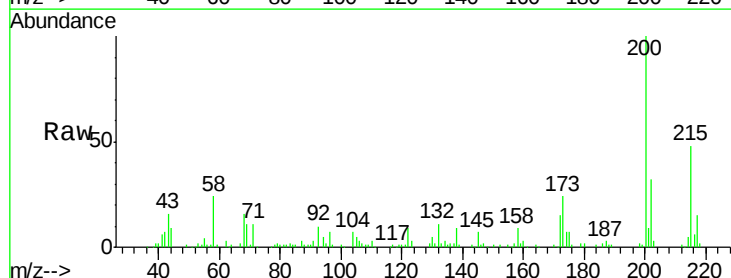
Instrument :
BNA_F
ClientSampleId :
PB81970BS

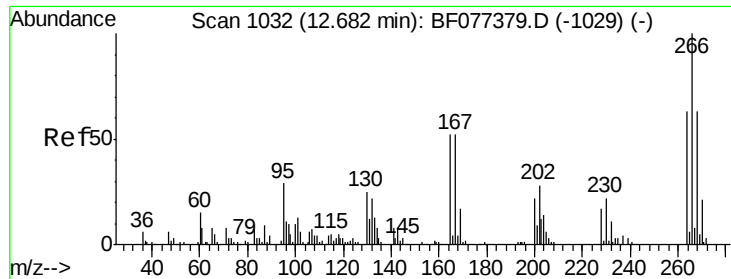
Tgt Ion:284 Resp: 109006
Ion Ratio Lower Upper
284 100
142 28.7 31.6 47.4#
249 29.7 27.0 40.4



#68
Atrazine
Concen: 39.23 ng
RT: 12.48 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF077584.D
Acq: 4 Mar 2015 16:18

Tgt Ion:200 Resp: 97046
Ion Ratio Lower Upper
200 100
173 23.6 9.6 49.6
215 47.9 24.4 64.4

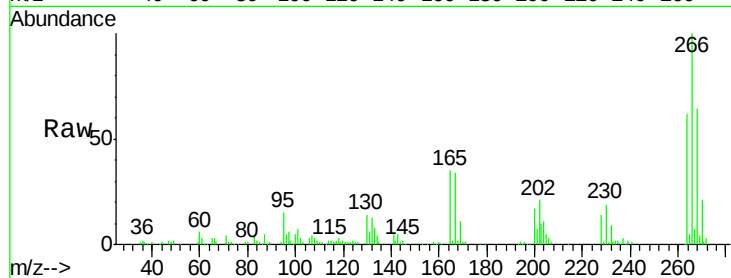




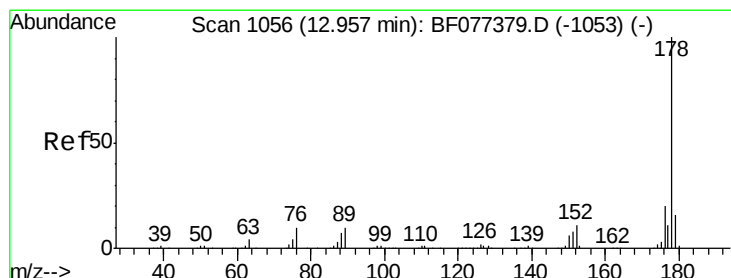
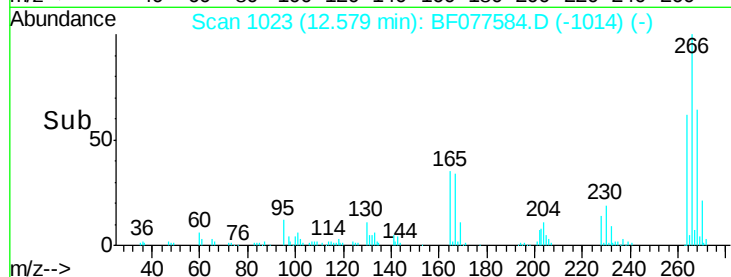
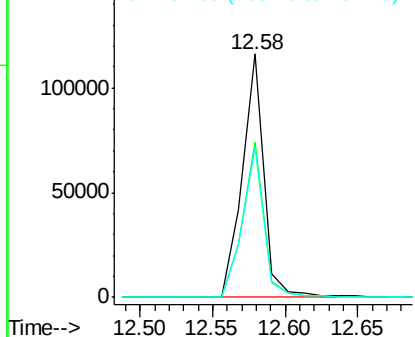
#69
 Pentachlorophenol
 Concen: 79.81 ng
 RT: 12.58 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BF077584.D
 Acq: 4 Mar 2015 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB81970BS

Tgt Ion: 266 Resp: 120899
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.2 76.8
 264 61.9 50.7 76.1

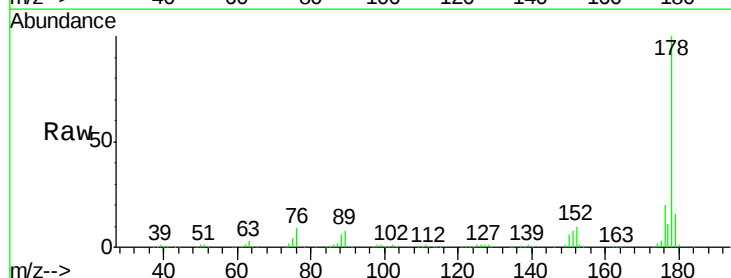


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

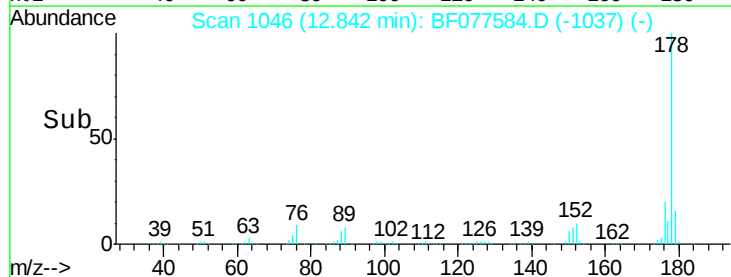
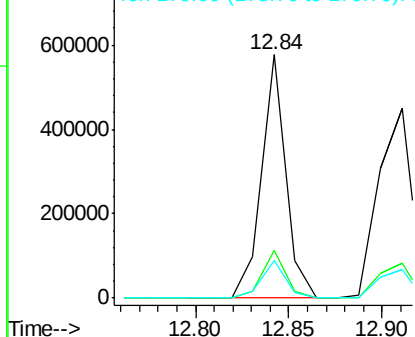


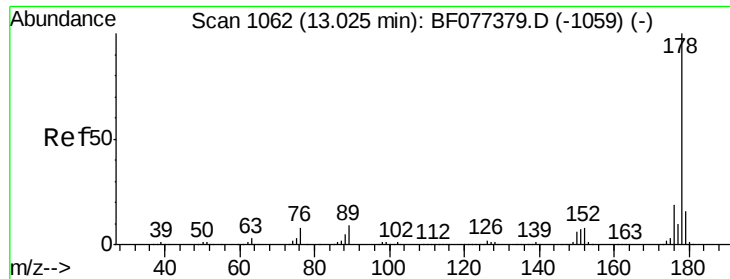
#70
 Phenanthrene
 Concen: 39.56 ng
 RT: 12.84 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF077584.D
 Acq: 4 Mar 2015 16:18

Tgt Ion: 178 Resp: 525849
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.5 23.3
 179 15.6 12.2 18.2



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

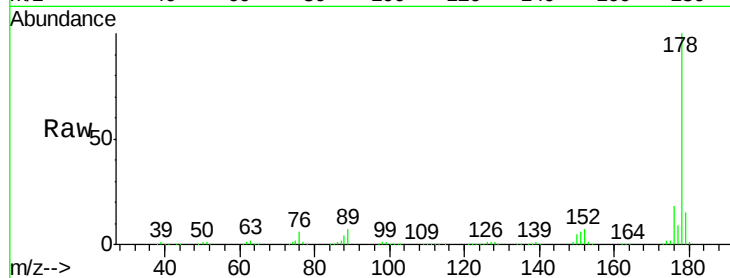




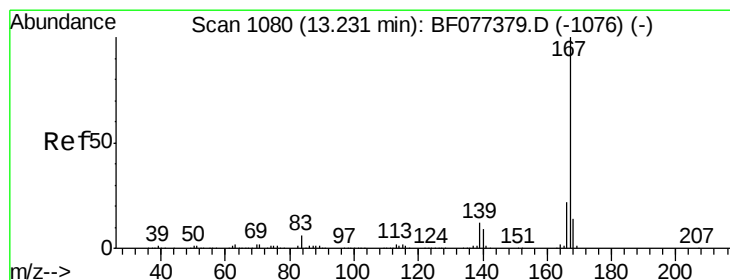
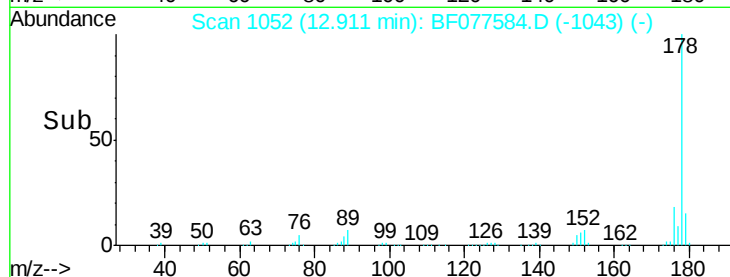
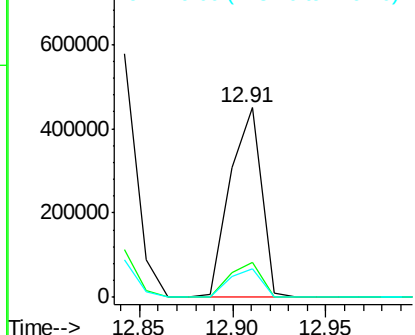
#71
 Anthracene
 Concen: 40.33 ng
 RT: 12.91 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BF077584.D
 Acq: 4 Mar 2015 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB81970BS

Tgt Ion:178 Resp: 531936
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.4 23.0
 179 14.8 12.9 19.3

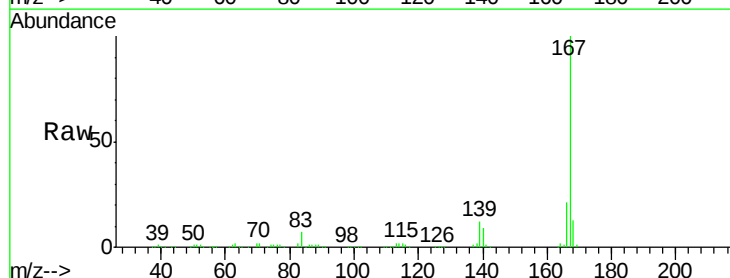


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

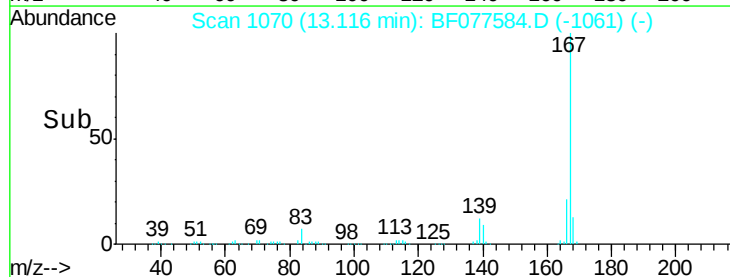
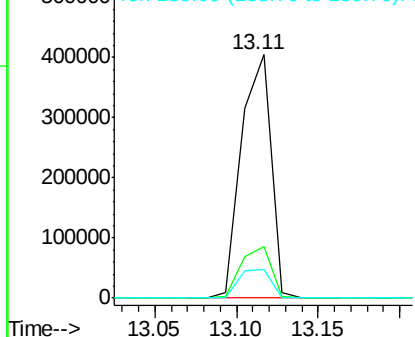


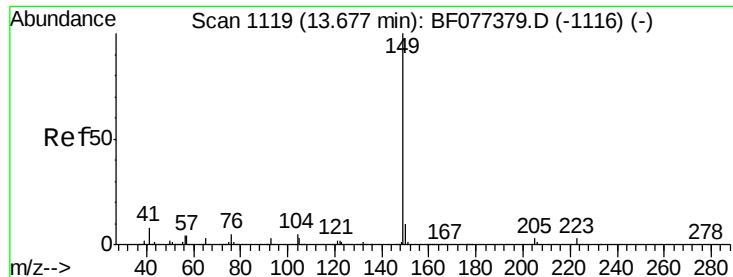
#72
 Carbazole
 Concen: 40.49 ng
 RT: 13.11 min Scan# 1070
 Delta R.T. -0.00 min
 Lab File: BF077584.D
 Acq: 4 Mar 2015 16:18

Tgt Ion:167 Resp: 507842
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.6 26.4
 139 11.7 9.9 14.9



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





#73

Di-n-butylphthalate

Concen: 36.75 ng

RT: 13.57 min Scan# 1109

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

Instrument :

BNA_F

ClientSampleId :

PB81970BS

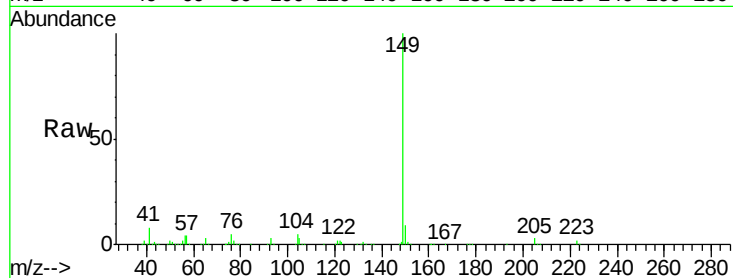
Tgt Ion:149 Resp: 541235

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.8

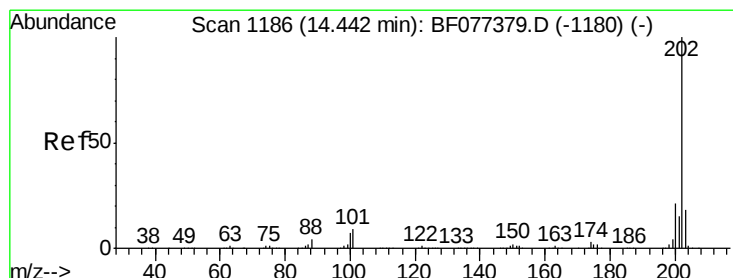
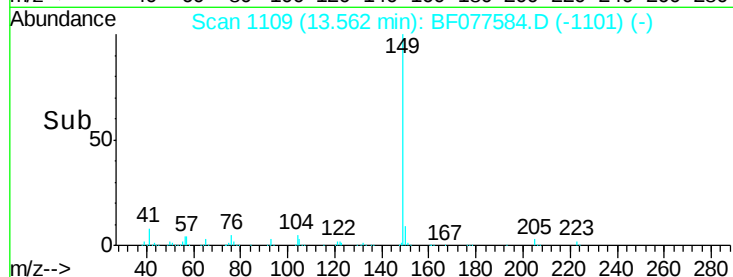
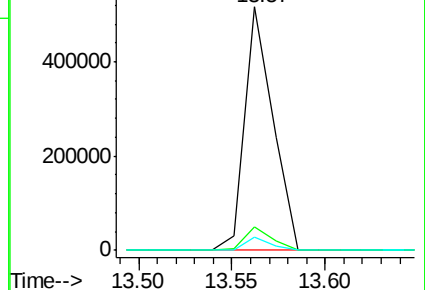
104 5.2 4.1 6.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.32 ng

RT: 14.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

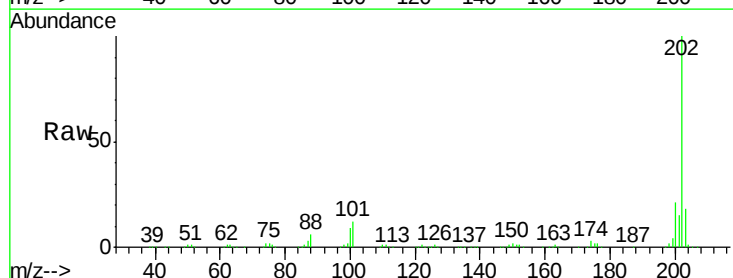
Tgt Ion:202 Resp: 570817

Ion Ratio Lower Upper

202 100

101 12.1 0.0 30.8

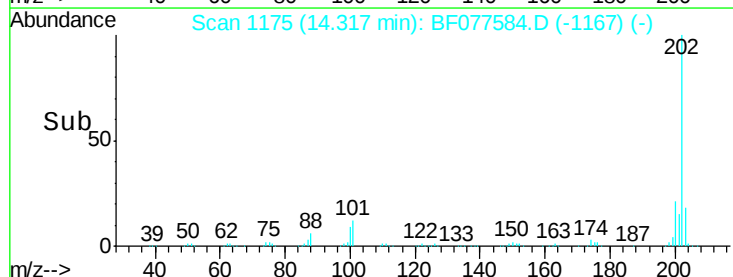
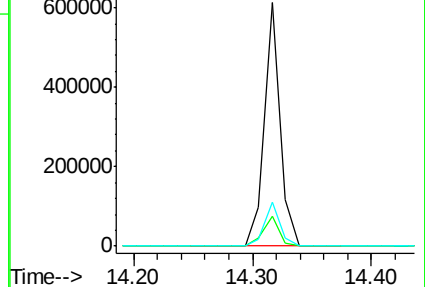
203 18.0 0.0 37.7

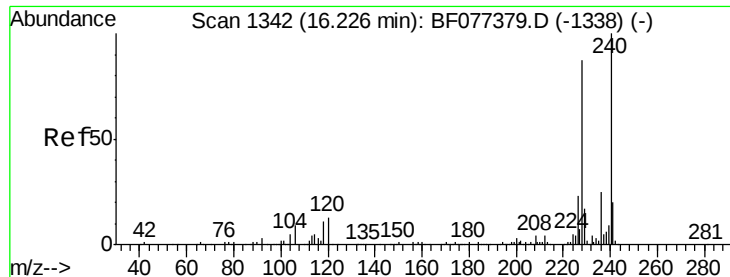


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

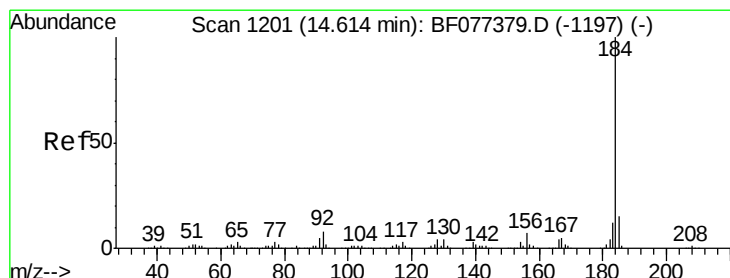
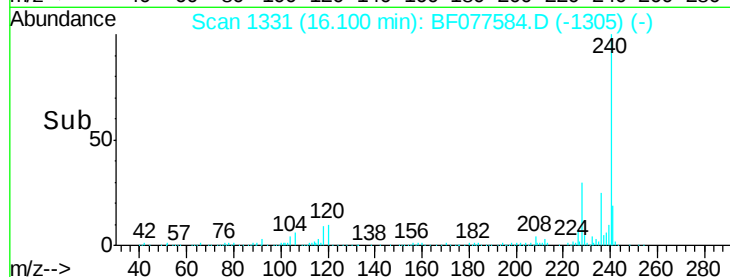
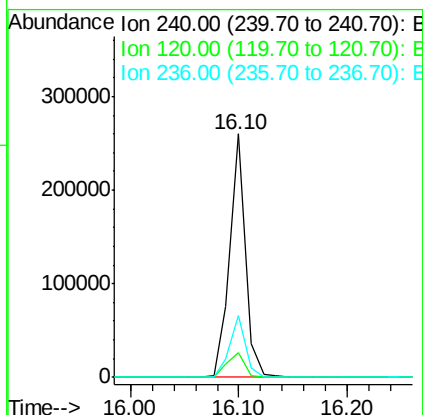
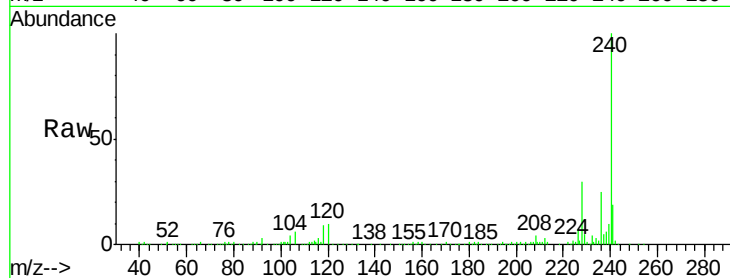




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.10 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF077584.D
Acq: 4 Mar 2015 16:18

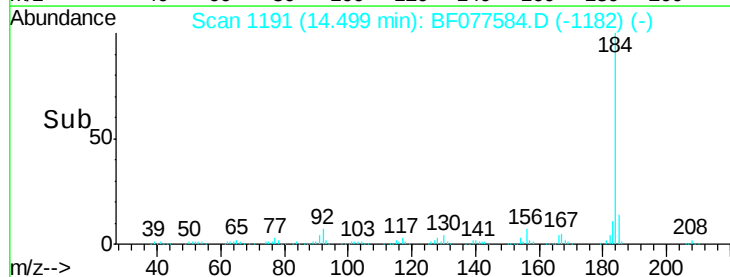
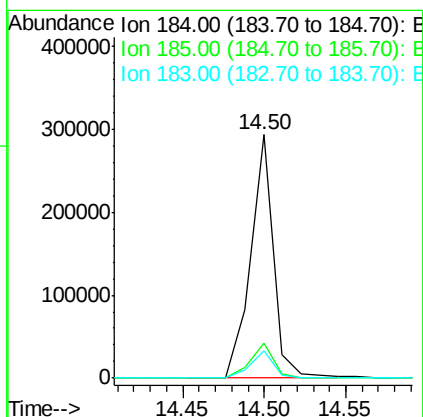
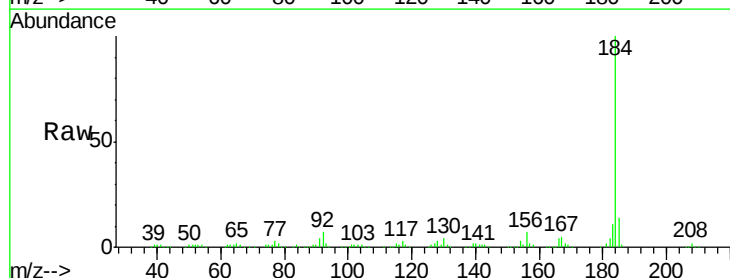
Instrument :
BNA_F
ClientSampleId :
PB81970BS

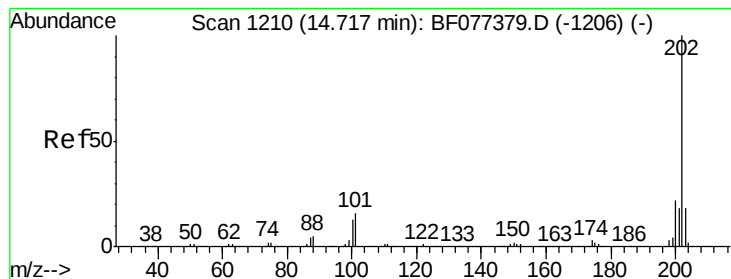
Tgt Ion:240 Resp: 260789
Ion Ratio Lower Upper
240 100
120 10.0 8.8 13.2
236 25.2 20.7 31.1



#76
Benzidine
Concen: 32.43 ng
RT: 14.50 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF077584.D
Acq: 4 Mar 2015 16:18

Tgt Ion:184 Resp: 285706
Ion Ratio Lower Upper
184 100
185 14.1 12.6 18.8
183 11.0 9.3 13.9





#77

Pyrene

Concen: 37.71 ng

RT: 14.60 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

Instrument :

BNA_F

ClientSampleId :

PB81970BS

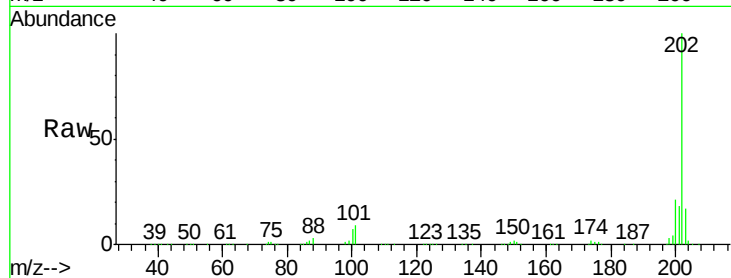
Tgt Ion:202 Resp: 601644

Ion Ratio Lower Upper

202 100

200 21.0 17.1 25.7

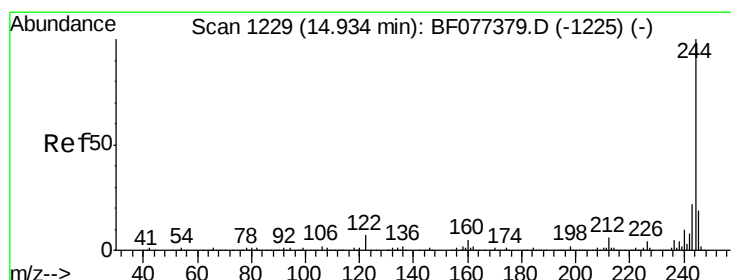
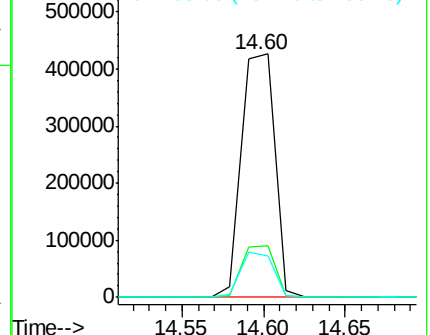
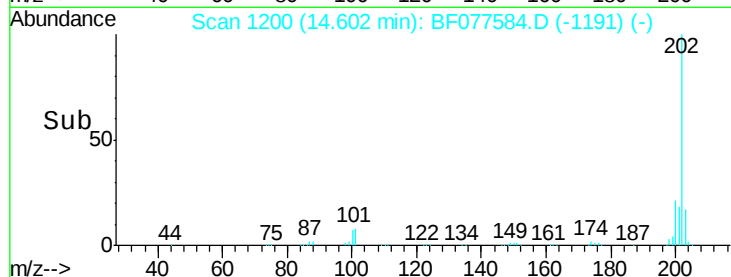
203 17.2 14.2 21.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 73.70 ng

RT: 14.81 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BF077584.D

Acq: 4 Mar 2015 16:18

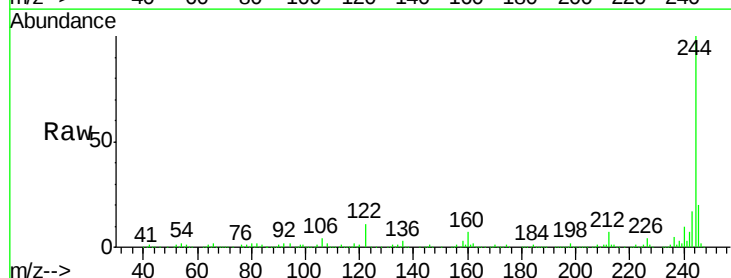
Tgt Ion:244 Resp: 822101

Ion Ratio Lower Upper

244 100

212 6.9 5.2 7.8

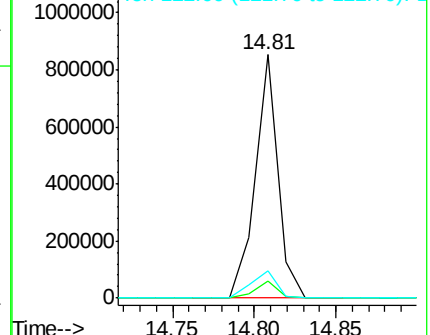
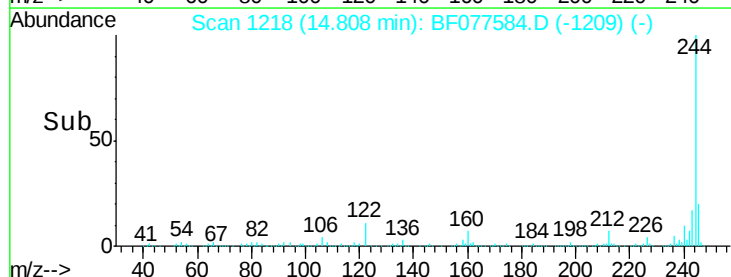
122 11.3 7.8 11.8

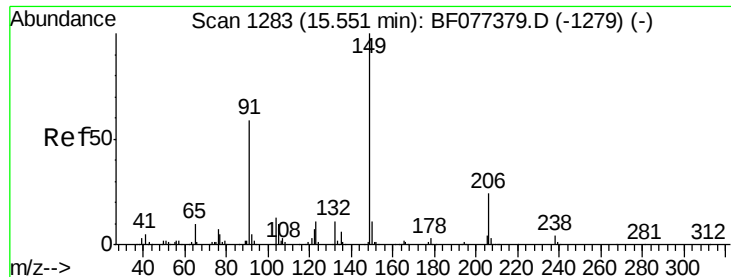


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

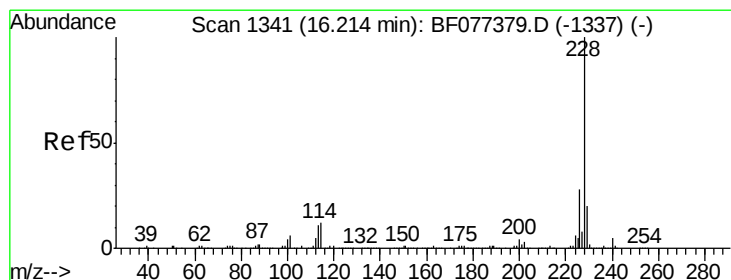
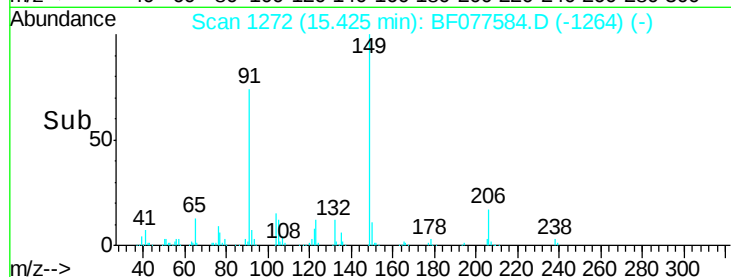
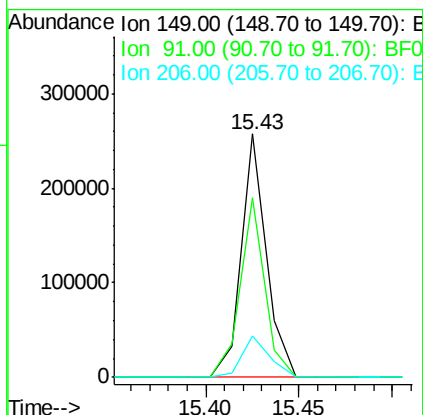
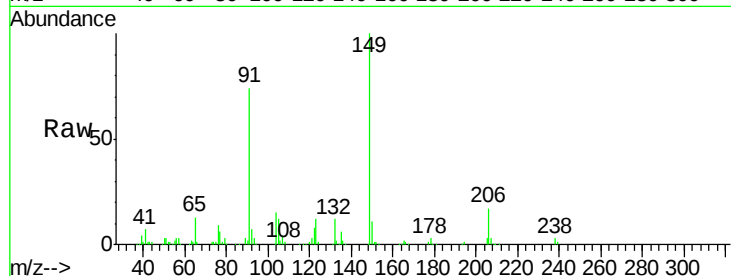




#79
Butylbenzylphthalate
Concen: 36.85 ng
RT: 15.43 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BF077584.D
Acq: 4 Mar 2015 16:18

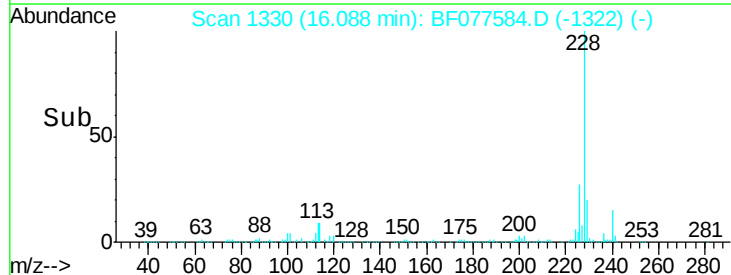
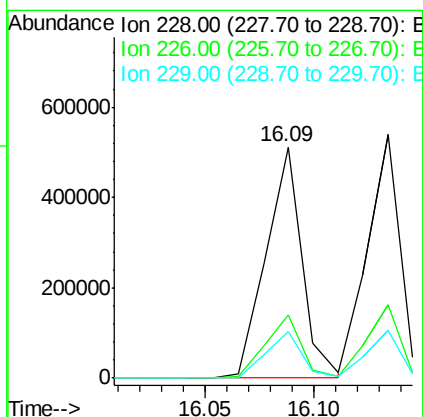
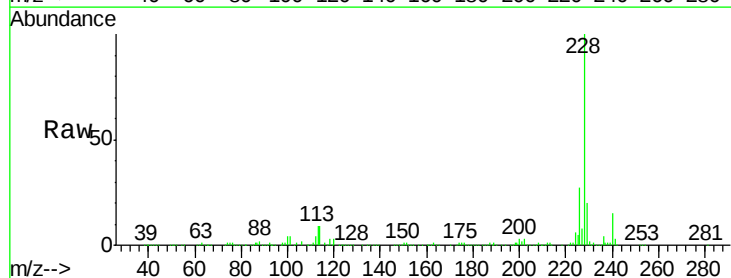
Instrument :
BNA_F
ClientSampleId :
PB81970BS

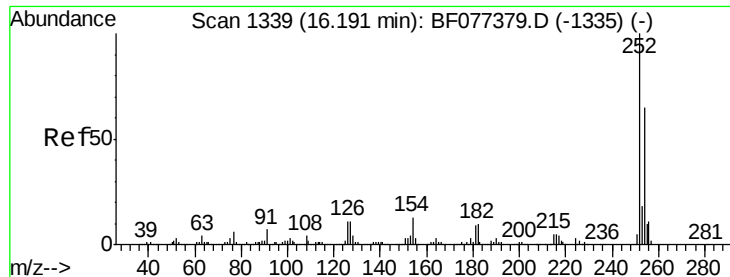
Tgt Ion:149 Resp: 241849
Ion Ratio Lower Upper
149 100
91 74.0 51.2 76.8
206 17.2 17.8 26.8#



#80
Benzo(a)anthracene
Concen: 38.77 ng
RT: 16.09 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF077584.D
Acq: 4 Mar 2015 16:18

Tgt Ion:228 Resp: 592541
Ion Ratio Lower Upper
228 100
226 27.4 22.0 33.0
229 20.2 15.8 23.8

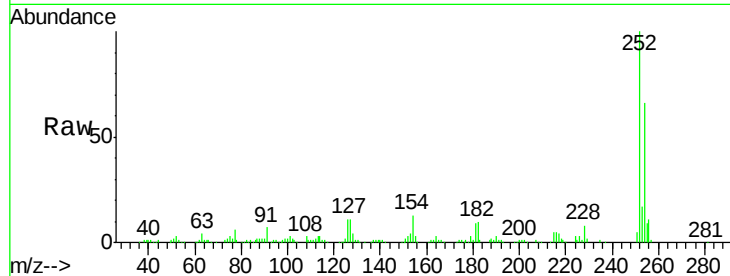




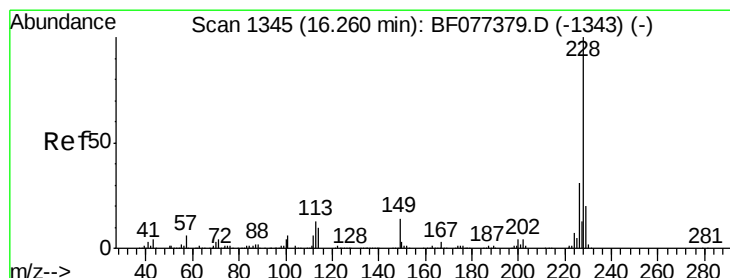
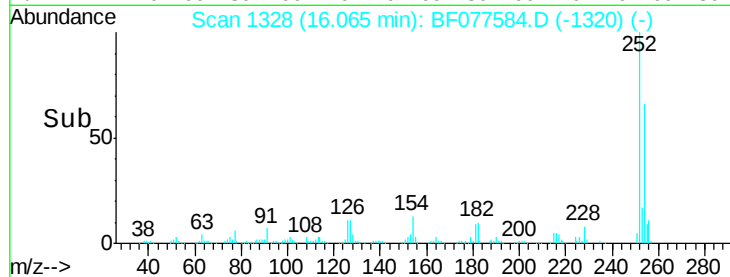
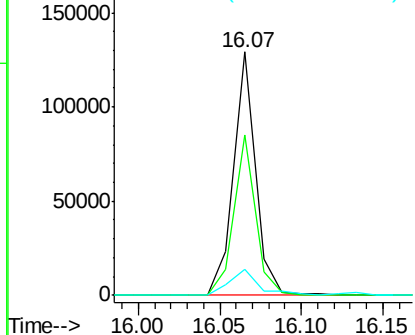
#81
 3,3'-Dichlorobenzidine
 Concen: 21.49 ng
 RT: 16.07 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF077584.D
 Acq: 4 Mar 2015 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB81970BS

Tgt Ion:252 Resp: 120361
 Ion Ratio Lower Upper
 252 100
 254 65.9 52.9 79.3
 126 10.7 7.3 10.9

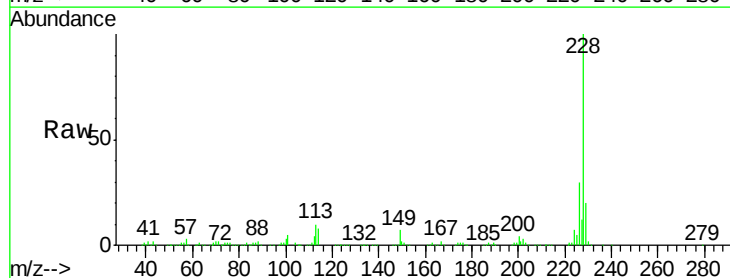


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

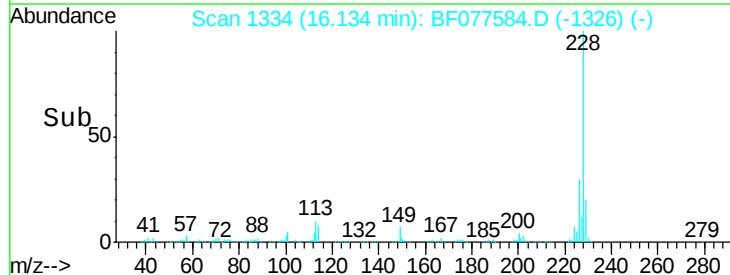
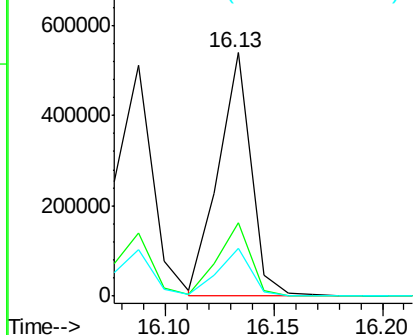


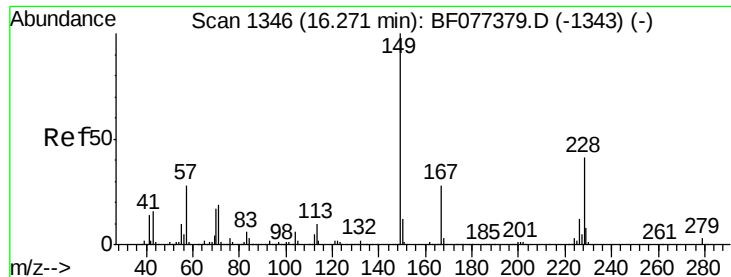
#82
 Chrysene
 Concen: 38.99 ng
 RT: 16.13 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF077584.D
 Acq: 4 Mar 2015 16:18

Tgt Ion:228 Resp: 559534
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.9 37.3
 229 19.8 16.4 24.6



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

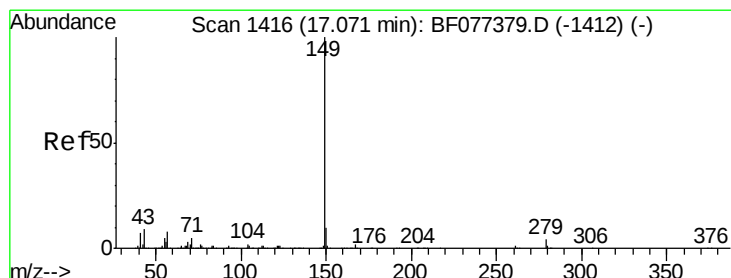
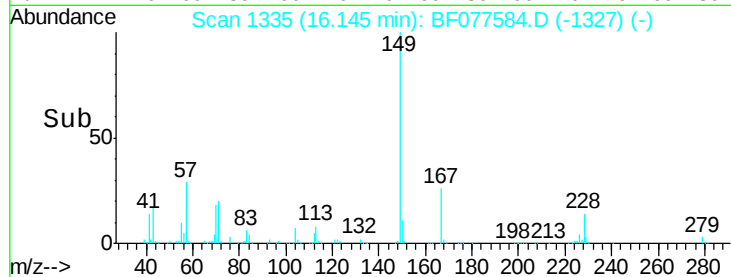
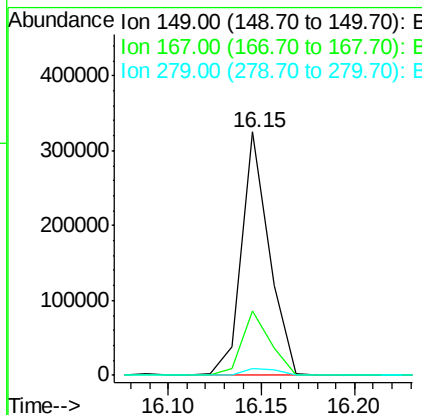
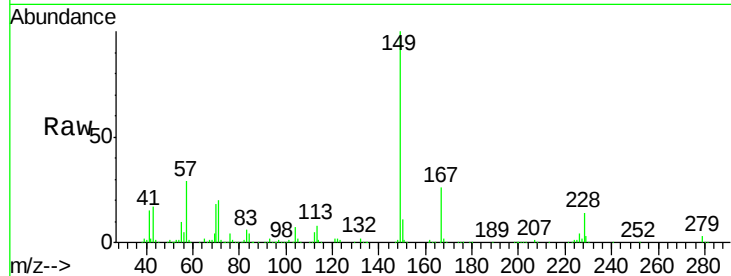




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 31.90 ng
 RT: 16.15 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF077584.D
 Acq: 4 Mar 2015 16:18

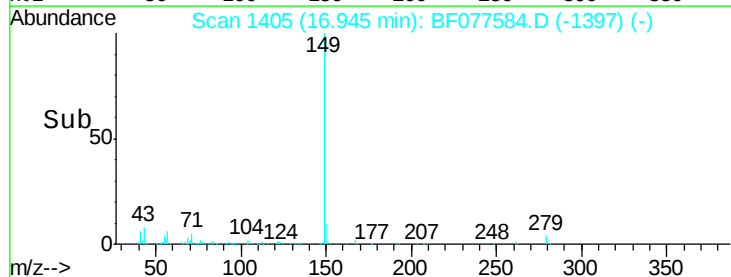
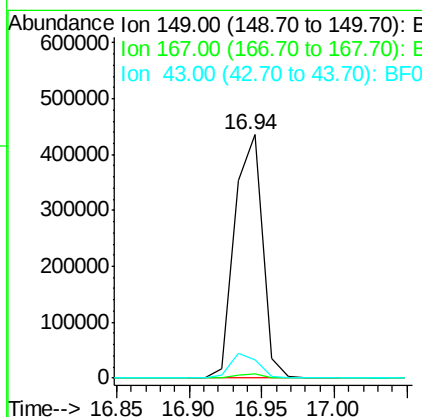
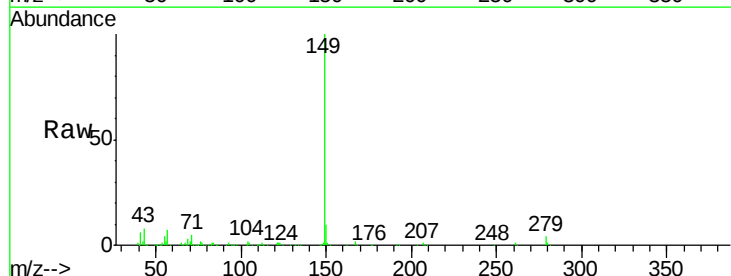
Instrument :
 BNA_F
 ClientSampleId :
 PB81970BS

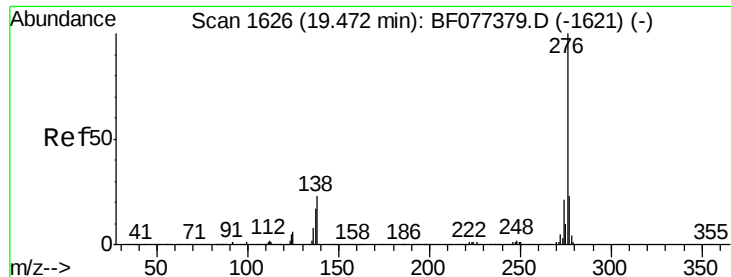
Tgt Ion:149 Resp: 335685
 Ion Ratio Lower Upper
 149 100
 167 26.3 22.8 34.2
 279 2.6 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 33.13 ng
 RT: 16.94 min Scan# 1405
 Delta R.T. -0.01 min
 Lab File: BF077584.D
 Acq: 4 Mar 2015 16:18

Tgt Ion:149 Resp: 582162
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 9.9 8.1 12.1

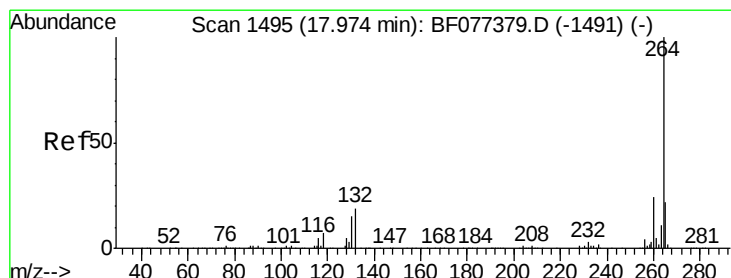
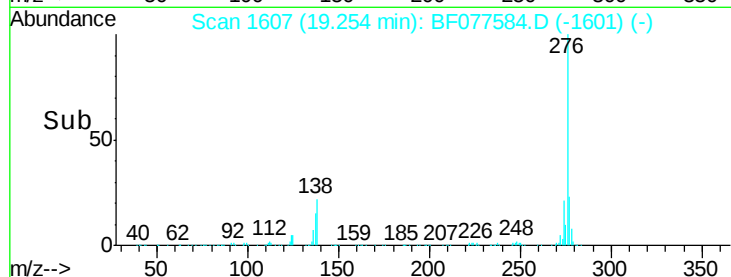
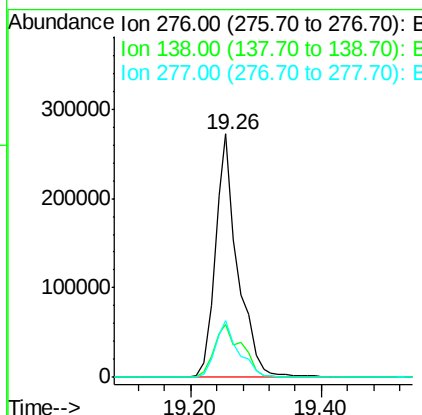
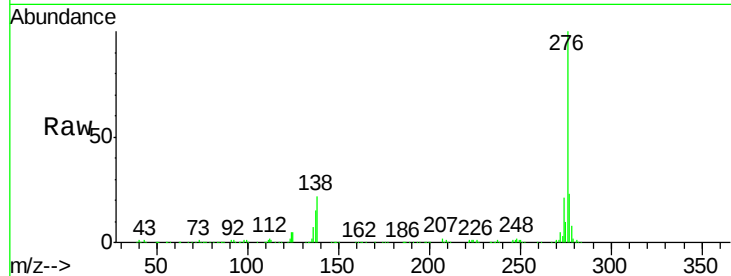




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.51 ng
 RT: 19.26 min Scan# 1607
 Delta R.T. -0.03 min
 Lab File: BF077584.D
 Acq: 4 Mar 2015 16:18

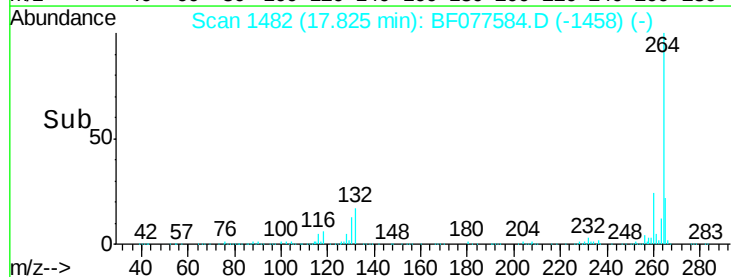
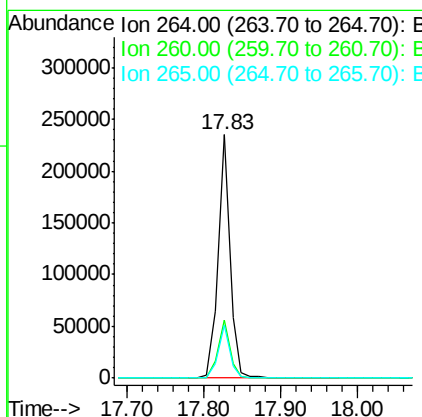
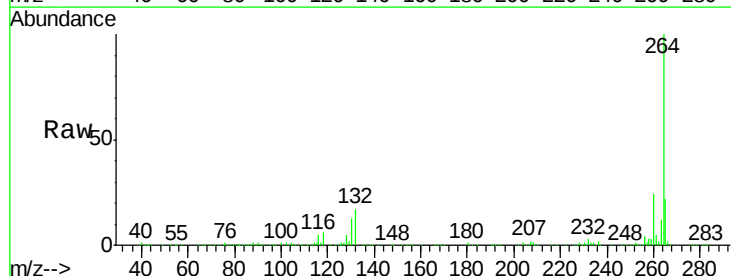
Instrument :
 BNA_F
 ClientSampleId :
 PB81970BS

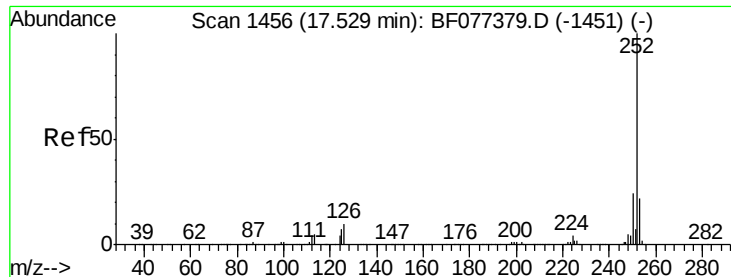
Tgt Ion:276 Resp: 646512
 Ion Ratio Lower Upper
 276 100
 138 27.3 21.2 31.8
 277 24.6 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.83 min Scan# 1482
 Delta R.T. -0.02 min
 Lab File: BF077584.D
 Acq: 4 Mar 2015 16:18

Tgt Ion:264 Resp: 256368
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.3 28.9
 265 21.9 16.8 25.2

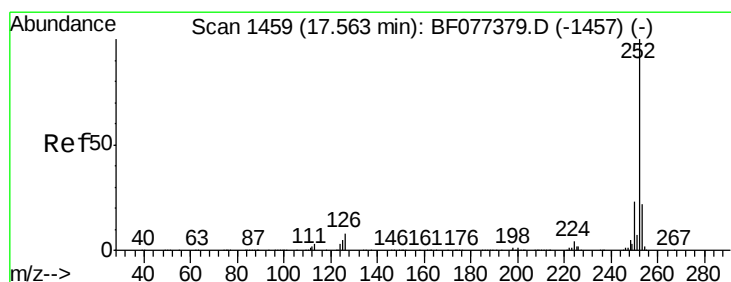
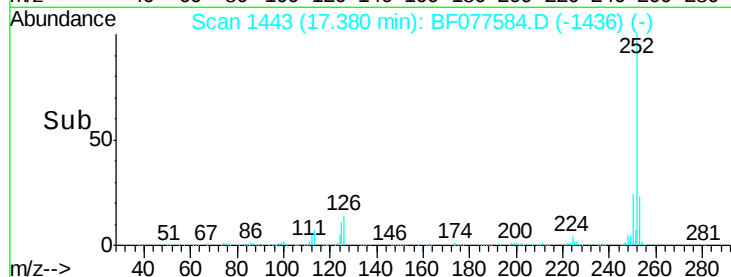
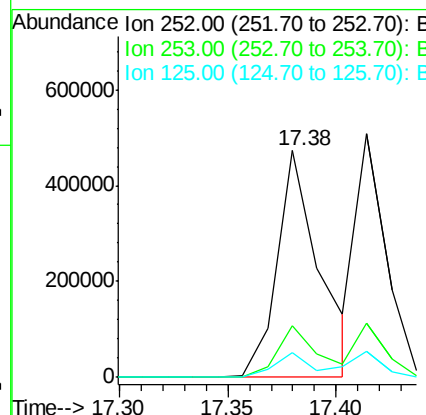
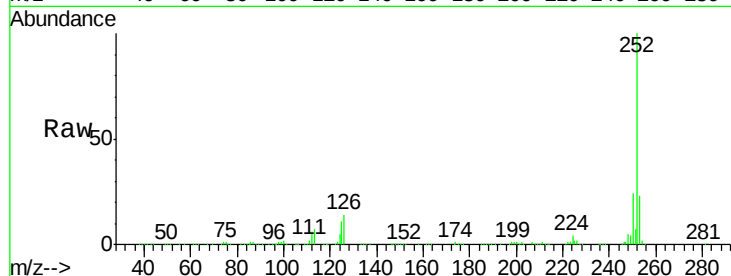




#87
Benzo(b)fluoranthene
Concen: 43.05 ng
RT: 17.38 min Scan# 1443
Delta R.T. -0.02 min
Lab File: BF077584.D
Acq: 4 Mar 2015 16:18

Instrument :
BNA_F
ClientSampleId :
PB81970BS

Tgt Ion:252 Resp: 641866
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 10.9 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 33.92 ng
RT: 17.42 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BF077584.D
Acq: 4 Mar 2015 16:18

Tgt Ion:252 Resp: 495591
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 10.8 10.1 15.1

