

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022015\
 Data File : BF077381.D
 Acq On : 20 Feb 2015 14:55
 Operator : TP/IZ
 Sample : PB81784BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81784BS

Quant Time: Feb 21 00:22:01 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 20 23:55:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	82527	20.00	ng	0.00
21) Naphthalene-d8	8.91	136	337456	20.00	ng	0.00
38) Acenaphthene-d10	11.08	164	181526	20.00	ng	0.00
63) Phenanthrene-d10	12.92	188	368168	20.00	ng	-0.01
75) Chrysene-d12	16.23	240	382003	20.00	ng	0.00
86) Perylene-d12	17.94	264	357151	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	585266	118.39	ng	0.00
7) Phenol-d6	6.88	99	721434	113.51	ng	0.00
23) Nitrobenzene-d5	8.02	82	423868	78.11	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	229553	131.33	ng	0.00
44) 2-Fluorobiphenyl	10.26	172	1038422	89.20	ng	0.00
78) Terphenyl-d14	14.92	244	1295089	79.26	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	67810	32.33	ng	100
3) Pyridine	3.05	79	200308	33.38	ng	99
4) n-Nitrosodimethylamine	2.98	42	99085	37.98	ng	97
6) Aniline	6.91	93	94506	10.76	ng	96
8) 2-Chlorophenol	7.06	128	224485	38.49	ng	93
9) Benzaldehyde	6.77	77	8611	2.23	ng	87
10) Phenol	6.90	94	258015	34.21	ng	95
11) bis(2-Chloroethyl)ether	7.01	93	197089	36.37	ng	86
12) 1,3-Dichlorobenzene	7.25	146	234361	36.91	ng	96
13) 1,4-Dichlorobenzene	7.36	146	232981	36.07	ng	97
14) 1,2-Dichlorobenzene	7.54	146	223027	36.29	ng	96
15) Benzyl Alcohol	7.50	79	181548	37.57	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.69	45	299964	38.72	ng	96
17) 2-Methylphenol	7.64	107	172307	37.80	ng	94
18) Hexachloroethane	7.95	117	79732	36.95	ng	# 80
19) n-Nitroso-di-n-propylamine	7.85	70	153131	37.94	ng	# 90
20) 3+4-Methylphenols	7.84	107	229566	38.24	ng	# 72
22) Acetophenone	7.84	105	304060	38.30	ng	# 93
24) Nitrobenzene	8.04	77	223786	39.20	ng	87
25) Isophorone	8.34	82	406493	37.76	ng	95
26) 2-Nitrophenol	8.44	139	87245	37.28	ng	# 86
27) 2,4-Dimethylphenol	8.49	122	198683	37.95	ng	96
28) bis(2-Chloroethoxy)methane	8.62	93	263300	38.71	ng	99
29) 2,4-Dichlorophenol	8.73	162	198025	40.29	ng	93
30) 1,2,4-Trichlorobenzene	8.84	180	201892	37.37	ng	96
31) Naphthalene	8.93	128	654525	38.79	ng	99
32) Benzoic acid	8.59	122	102975	40.48	ng	99
33) 4-Chloroaniline	9.00	127	79971	10.66	ng	# 92
34) Hexachlorobutadiene	9.09	225	118324	38.36	ng	99
35) Caprolactam	9.42	113	60368	40.24	ng	97
36) 4-Chloro-3-methylphenol	9.61	107	205716	41.64	ng	92
37) 2-Methylnaphthalene	9.79	142	457314	38.16	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.00	216	209372	40.20	ng	99
40) Hexachlorocyclopentadiene	9.98	237	228486	81.81	ng	96

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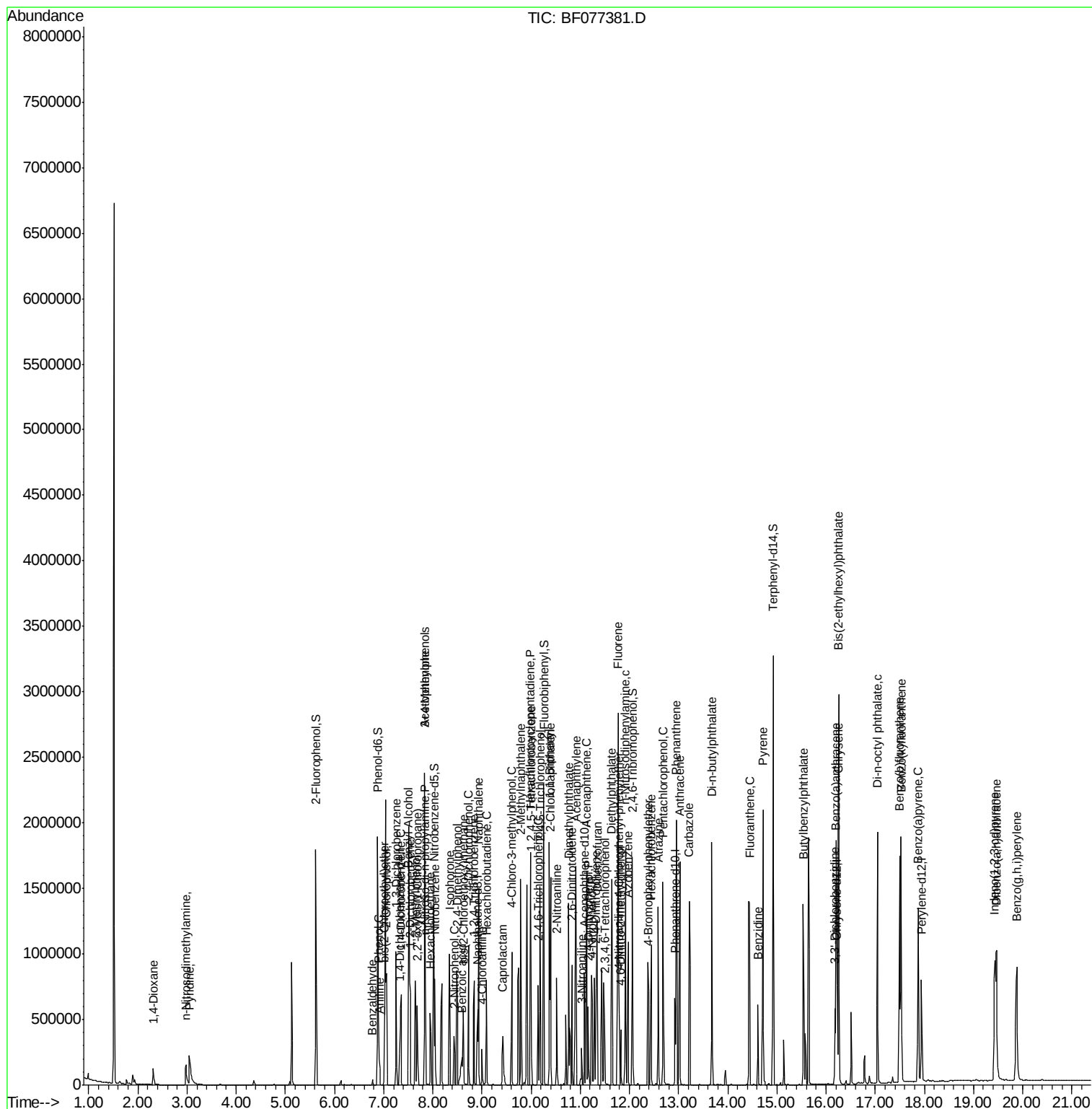
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.14	196	150064	43.51	ng	97
43) 2,4,5-Trichlorophenol	10.18	196	153299	41.56	ng #	83
45) 1,1'-Biphenyl	10.37	154	575335	41.83	ng	97
46) 2-Chloronaphthalene	10.40	162	460657	42.71	ng	97
47) 2-Nitroaniline	10.52	65	122040	45.97	ng	85
48) Acenaphthylene	10.91	152	753587	44.13	ng	99
49) Dimethylphthalate	10.76	163	567473	44.47	ng	99
50) 2,6-Dinitrotoluene	10.83	165	116330	45.46	ng #	63
51) Acenaphthene	11.13	154	427316	41.94	ng	99
52) 3-Nitroaniline	11.02	138	45324	15.36	ng	89
53) 2,4-Dinitrophenol	11.16	184	71688	92.07	ng #	64
54) Dibenzofuran	11.34	168	665164	42.28	ng	94
55) 4-Nitrophenol	11.24	139	201996	85.12	ng	98
56) 2,4-Dinitrotoluene	11.32	165	153322	44.34	ng #	66
57) Fluorene	11.77	166	553788	44.03	ng	98
58) 2,3,4,6-Tetrachlorophenol	11.49	232	129770	43.76	ng	97
59) Diethylphthalate	11.64	149	573388	45.58	ng	98
60) 4-Chlorophenyl-phenylether	11.78	204	259821	42.87	ng	92
61) 4-Nitroaniline	11.79	138	114985	40.66	ng	90
62) Azobenzene	11.97	77	519614	43.54	ng	91
64) 4,6-Dinitro-2-methylphenol	11.82	198	52978	36.99	ng #	56
65) n-Nitrosodiphenylamine	11.92	169	472164	38.65	ng	99
66) 4-Bromophenyl-phenylether	12.38	248	170080	39.45	ng #	88
67) Hexachlorobenzene	12.44	284	184241	39.81	ng #	83
68) Atrazine	12.59	200	165842	41.76	ng	99
69) Pentachlorophenol	12.68	266	191999	78.94	ng	98
70) Phenanthrene	12.96	178	811463	38.03	ng	99
71) Anthracene	13.03	178	836261	39.49	ng	99
72) Carbazole	13.22	167	755970	37.55	ng	98
73) Di-n-butylphthalate	13.68	149	962774	40.72	ng	99
74) Fluoranthene	14.44	202	898400	38.54	ng	97
76) Benzidine	14.61	184	253987	19.68	ng	98
77) Pyrene	14.72	202	926229	39.64	ng	99
79) Butylbenzylphthalate	15.54	149	400702	41.68	ng #	84
80) Benzo(a)anthracene	16.20	228	861792	38.49	ng	100
81) 3,3'-Dichlorobenzidine	16.18	252	134709	16.42	ng #	97
82) Chrysene	16.25	228	804036	38.25	ng	99
83) Bis(2-ethylhexyl)phthalate	16.26	149	637137	41.33	ng #	95
84) Di-n-octyl phthalate	17.05	149	1070141	41.58	ng	100
85) Indeno(1,2,3-cd)pyrene	19.44	276	874840	36.50	ng	100
87) Benzo(b)fluoranthene	17.49	252	967572	46.59	ng #	97
88) Benzo(k)fluoranthene	17.53	252	692811m	34.04	ng	
89) Benzo(a)pyrene	17.87	252	782364	39.55	ng #	97
90) Dibenzo(a,h)anthracene	19.47	278	742017	39.33	ng	98
91) Benzo(g,h,i)perylene	19.88	276	739365	38.83	ng	95

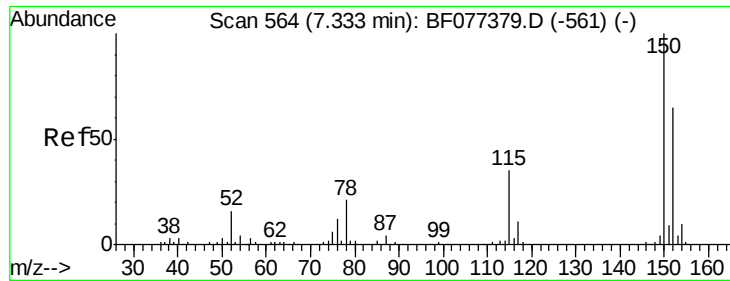
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.33 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF077381.D

Acq: 20 Feb 2015 14:55

Instrument :

BNA_F

ClientSampleId :

PB81784BS

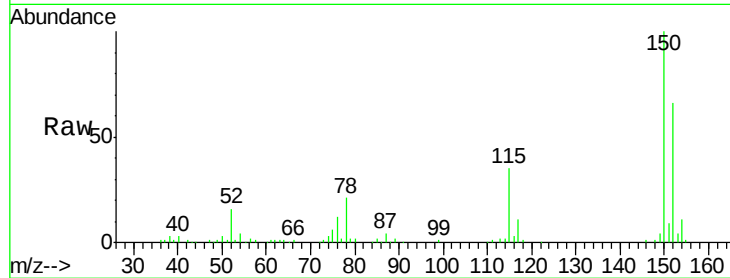
Tgt Ion:152 Resp: 82527

Ion Ratio Lower Upper

152 100

150 152.0 124.0 186.0

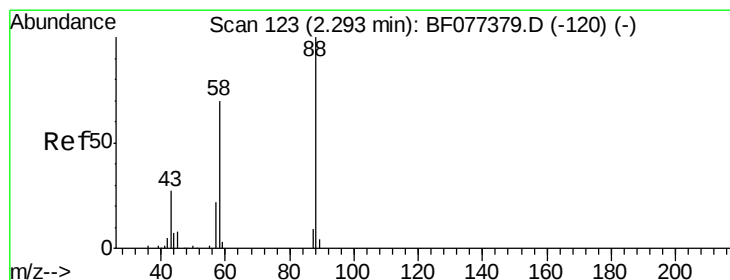
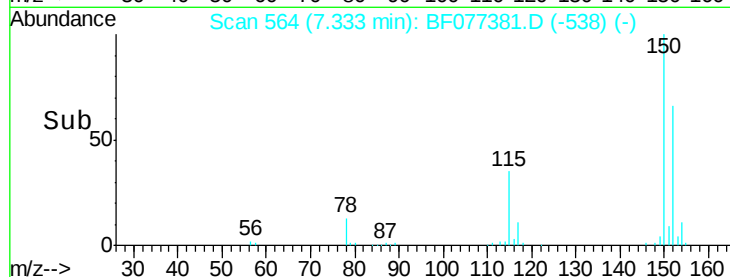
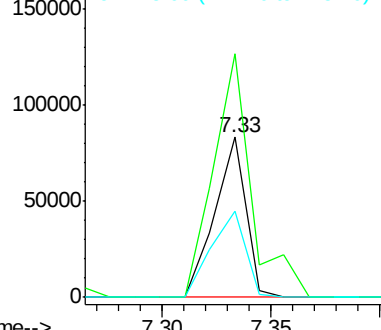
115 53.8 49.4 74.2



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: 32.33 ng

RT: 2.32 min Scan# 125

Delta R.T. 0.02 min

Lab File: BF077381.D

Acq: 20 Feb 2015 14:55

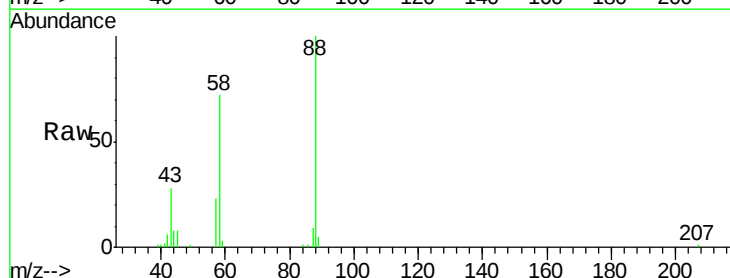
Tgt Ion: 88 Resp: 67810

Ion Ratio Lower Upper

88 100

58 77.7 62.1 93.1

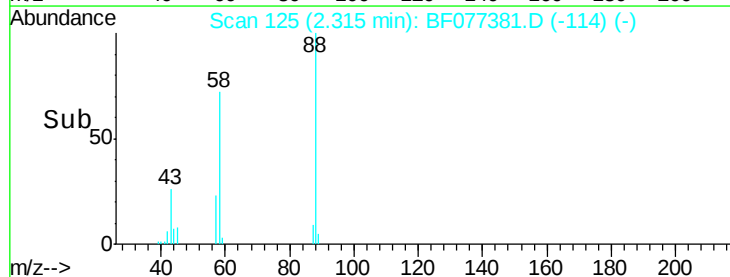
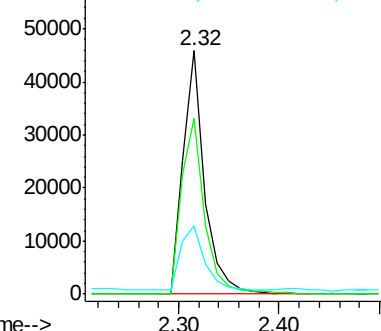
43 29.9 24.0 36.0

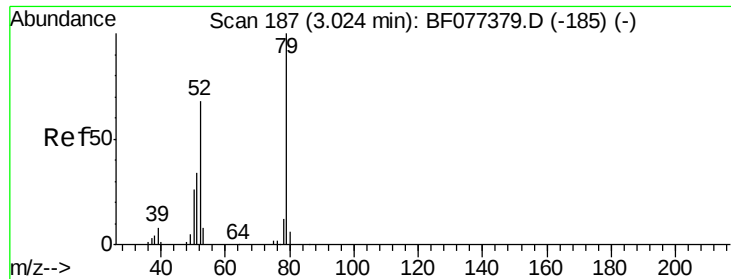


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

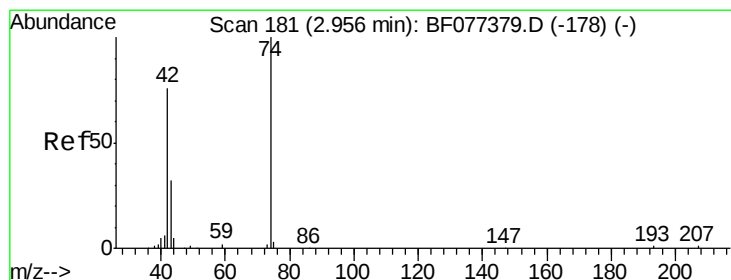
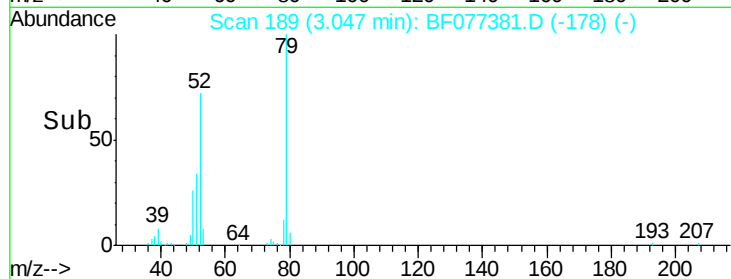
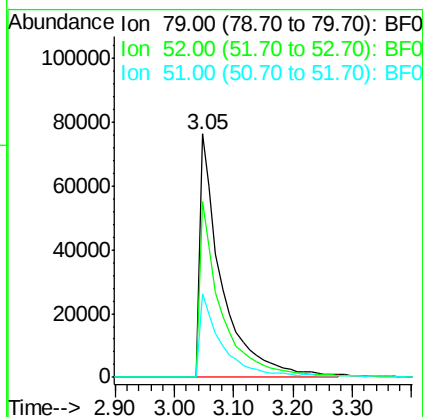
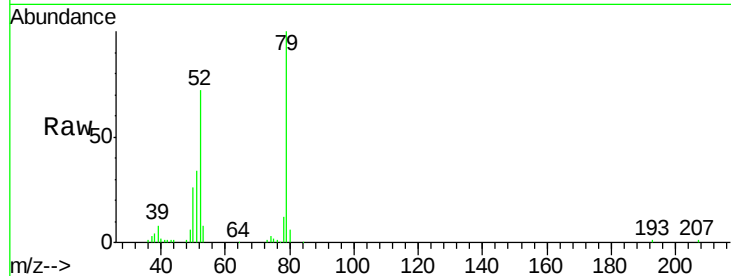




#3
 Pyridine
 Concen: 33.38 ng
 RT: 3.05 min Scan# 189
 Delta R.T. 0.02 min
 Lab File: BF077381.D
 Acq: 20 Feb 2015 14:55

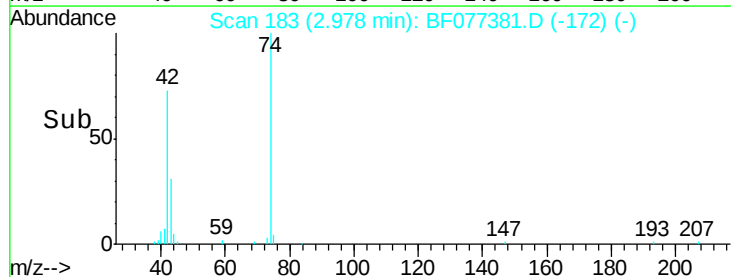
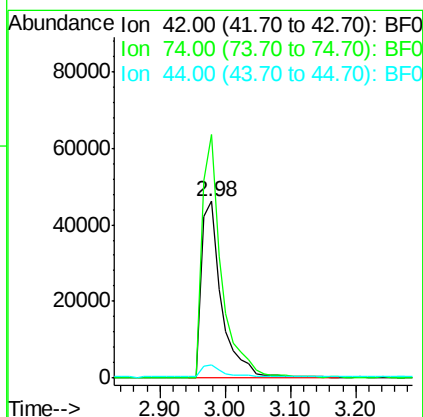
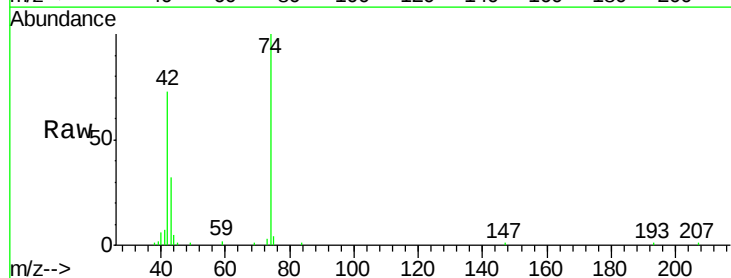
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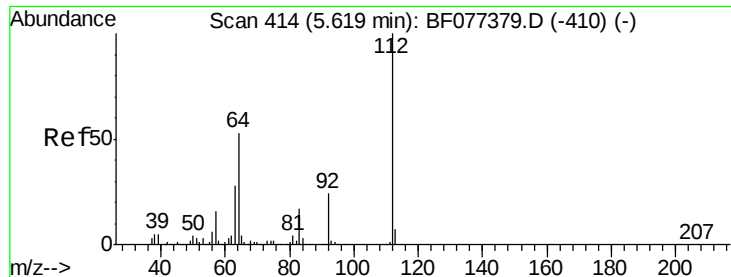
Tgt Ion	Ratio	Lower	Upper
79	100		
52	72.1	57.7	86.5
51	34.1	28.5	42.7



#4
 n-Nitrosodimethylamine
 Concen: 37.98 ng
 RT: 2.98 min Scan# 183
 Delta R.T. 0.02 min
 Lab File: BF077381.D
 Acq: 20 Feb 2015 14:55

Tgt Ion	Ratio	Lower	Upper
42	100		
74	137.9	107.1	160.7
44	7.5	6.7	10.1





#5

2-Fluorophenol

Concen: 118.39 ng

RT: 5.62 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF077381.D

Acq: 20 Feb 2015 14:55

Instrument :

BNA_F

ClientSampleId :

PB81784BS

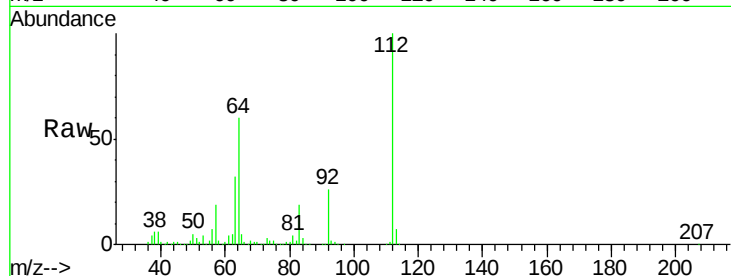
Tgt Ion: 112 Resp: 585266

Ion Ratio Lower Upper

112 100

64 60.5 48.5 72.7

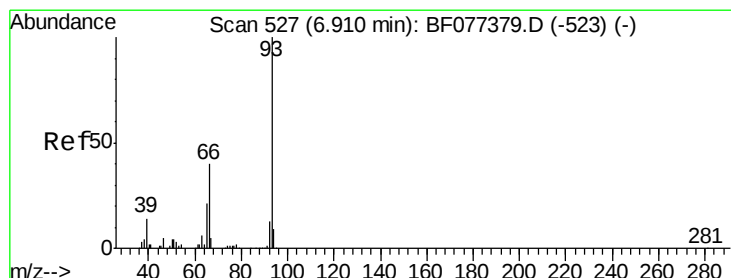
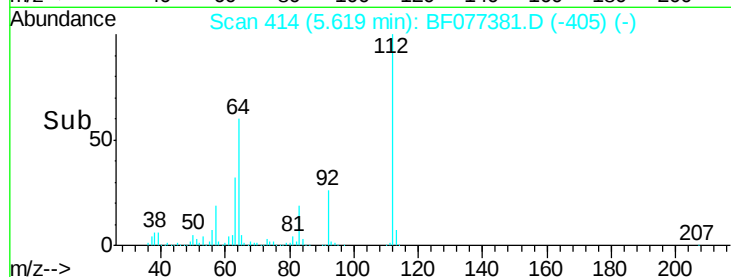
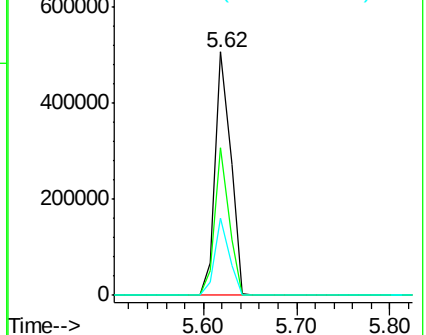
63 31.6 25.0 37.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 10.76 ng

RT: 6.91 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF077381.D

Acq: 20 Feb 2015 14:55

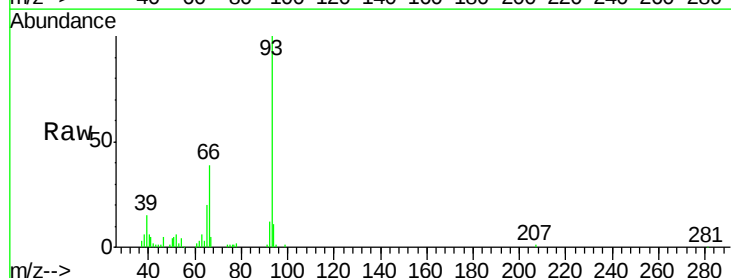
Tgt Ion: 93 Resp: 94506

Ion Ratio Lower Upper

93 100

66 38.7 29.1 43.7

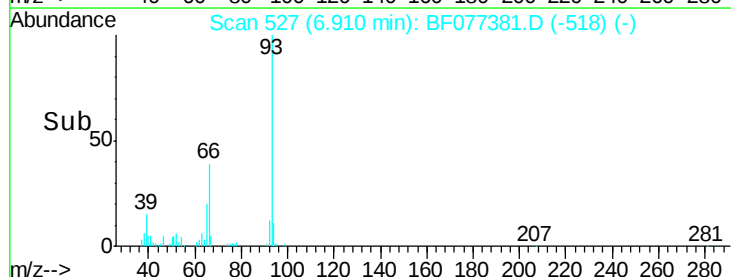
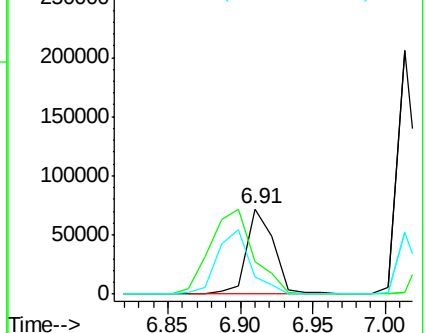
65 20.1 14.6 22.0

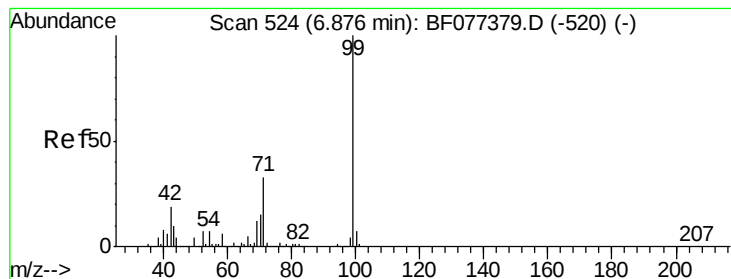


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 113.51 ng

RT: 6.88 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF077381.D

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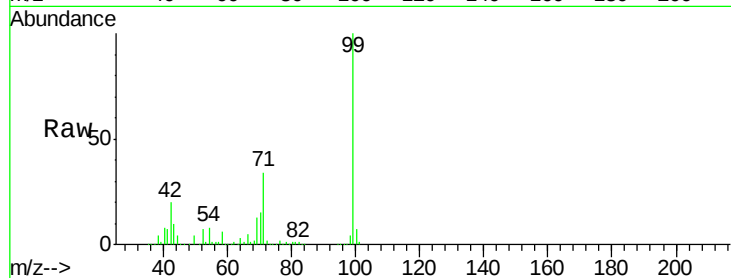
Tgt Ion: 99 Resp: 721434

Ion Ratio Lower Upper

99 100

42 19.8 16.2 24.4

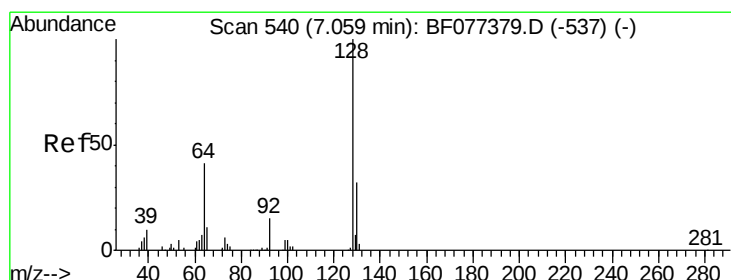
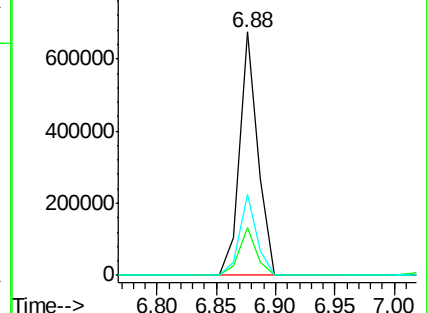
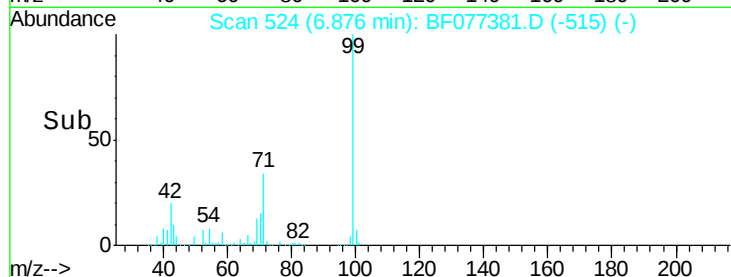
71 33.6 26.7 40.1



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: 38.49 ng

RT: 7.06 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF077381.D

Acq: 20 Feb 2015 14:55

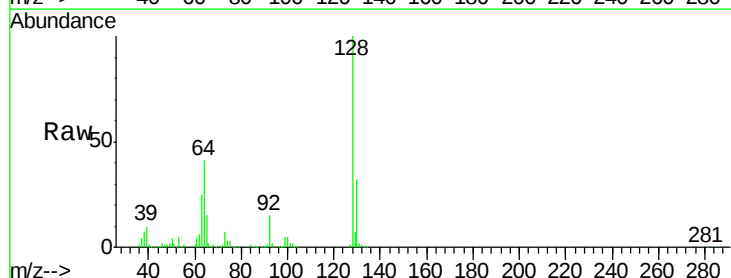
Tgt Ion: 128 Resp: 224485

Ion Ratio Lower Upper

128 100

130 32.3 12.0 52.0

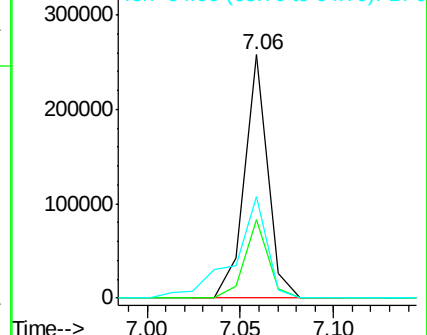
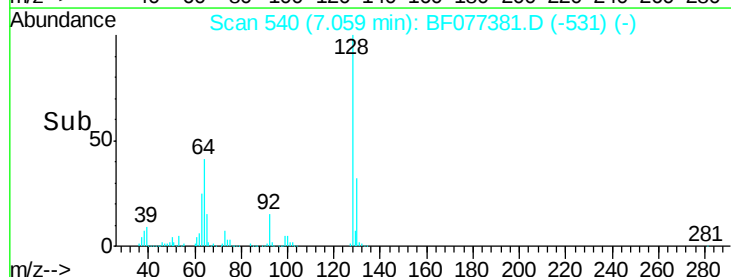
64 41.5 29.2 69.2

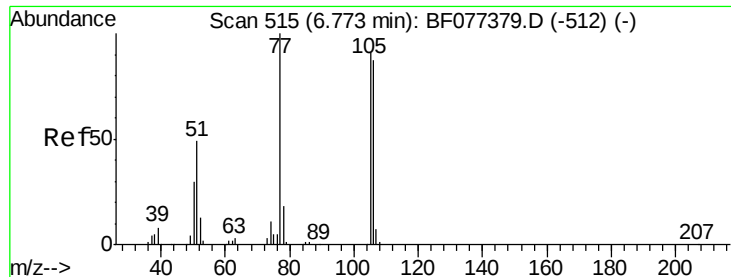


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.23 ng

RT: 6.77 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF077381.D

Acq: 20 Feb 2015 14:55

Instrument :

BNA_F

ClientSampled :

PB81784BS

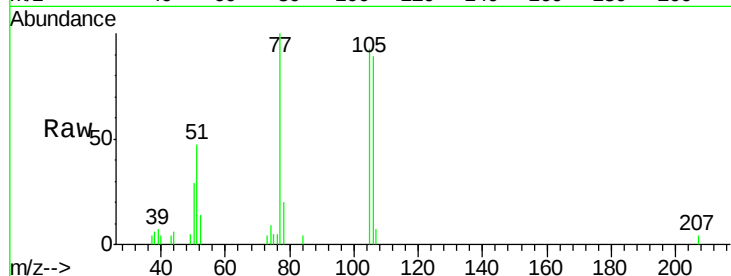
Tgt Ion: 77 Resp: 8611

Ion Ratio Lower Upper

77 100

105 93.5 85.9 125.9

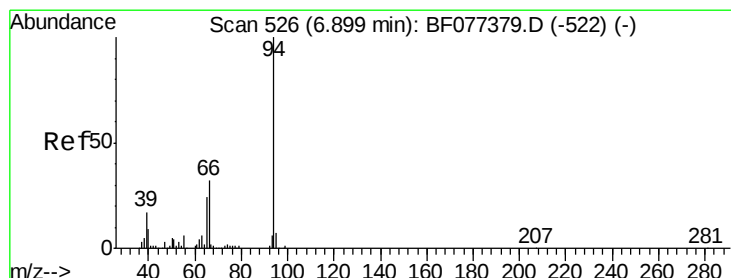
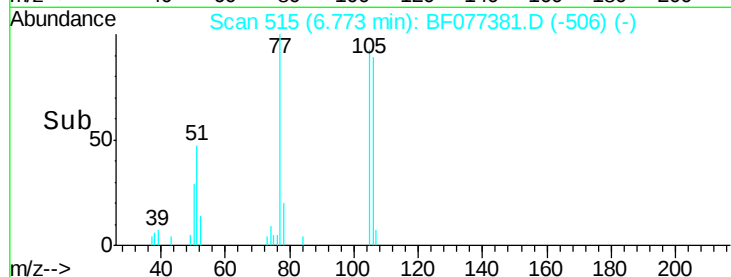
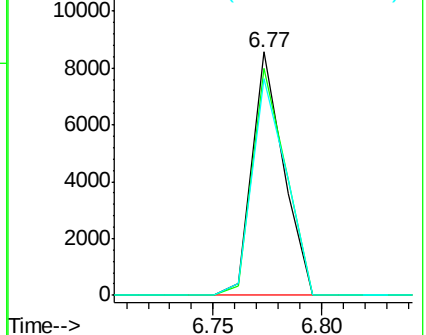
106 89.0 82.9 122.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 34.21 ng

RT: 6.90 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF077381.D

Acq: 20 Feb 2015 14:55

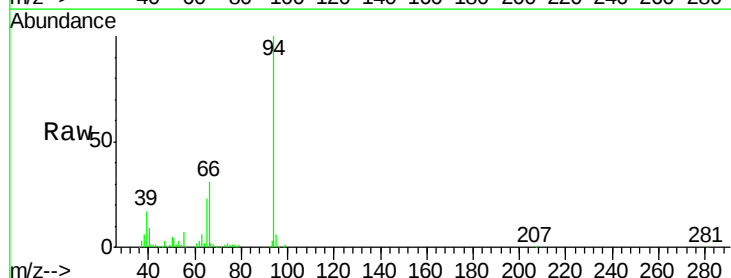
Tgt Ion: 94 Resp: 258015

Ion Ratio Lower Upper

94 100

65 23.3 5.7 45.7

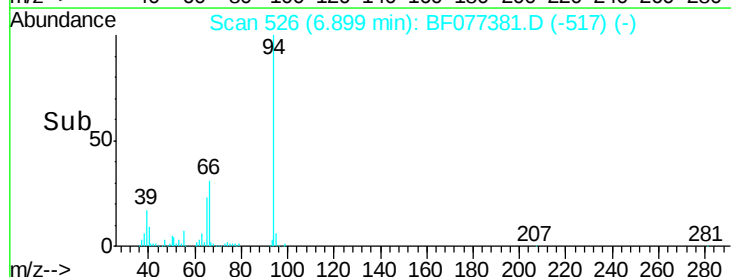
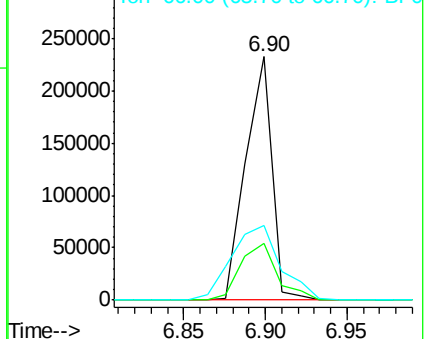
66 30.7 13.6 53.6

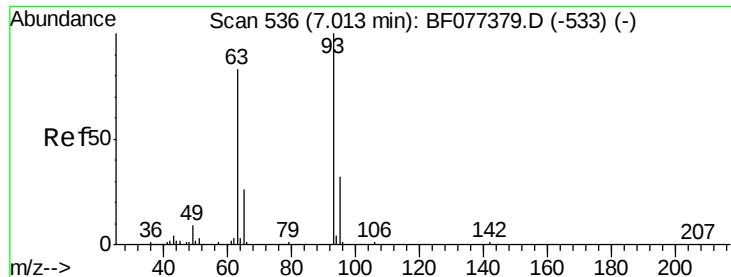


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 36.37 ng

RT: 7.01 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF077381.D

Acq: 20 Feb 2015 14:55

Instrument :

BNA_F

ClientSampleId :

PB81784BS

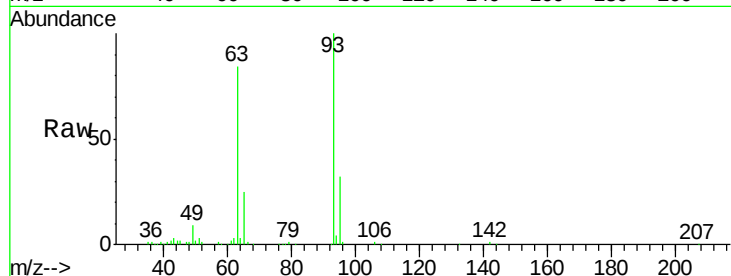
Tgt Ion: 93 Resp: 197089

Ion Ratio Lower Upper

93 100

63 84.3 48.7 88.7

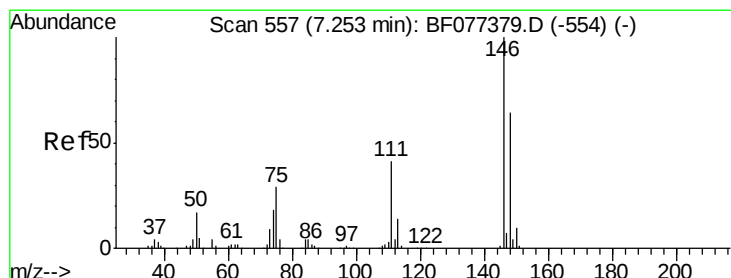
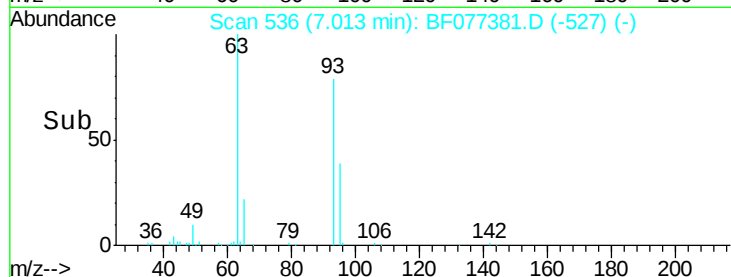
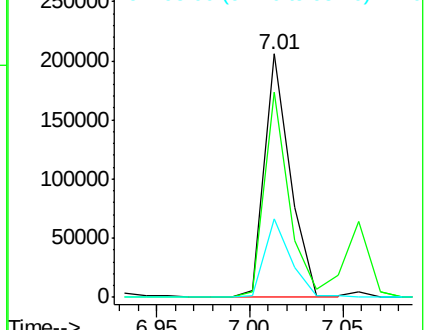
95 32.3 13.6 53.6



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 36.91 ng

RT: 7.25 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF077381.D

Acq: 20 Feb 2015 14:55

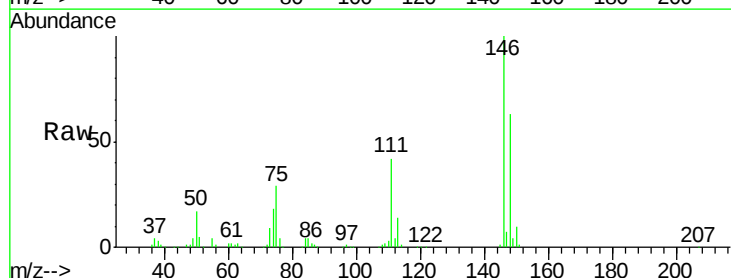
Tgt Ion: 146 Resp: 234361

Ion Ratio Lower Upper

146 100

148 62.6 49.8 74.8

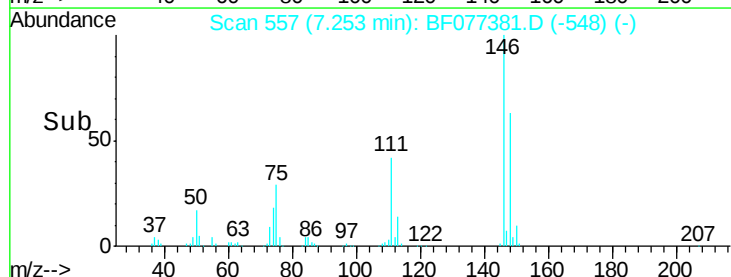
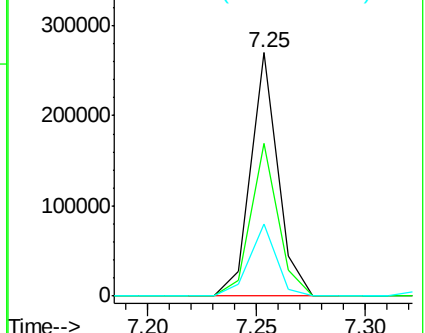
75 29.4 28.2 42.4

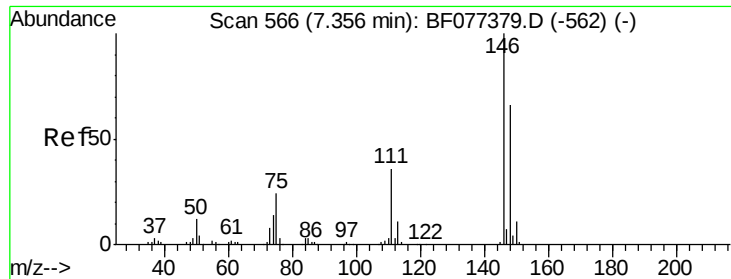


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

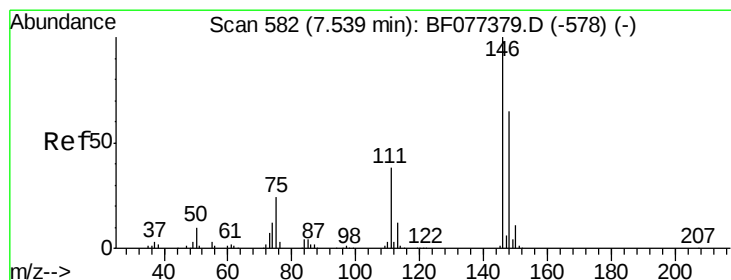
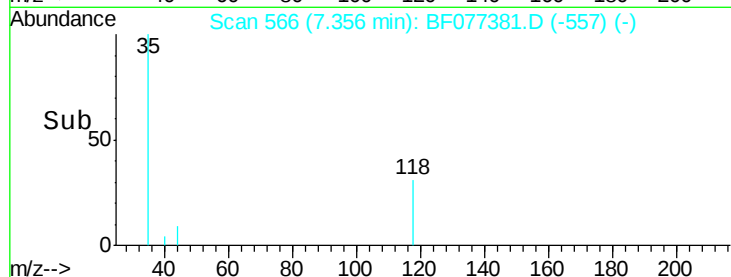
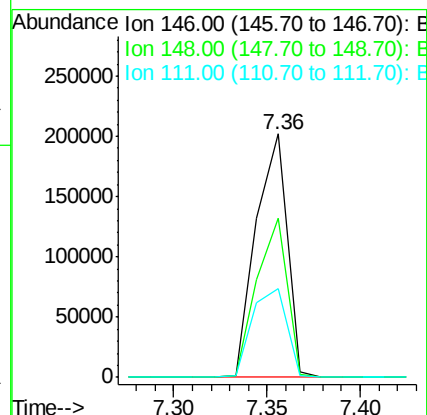
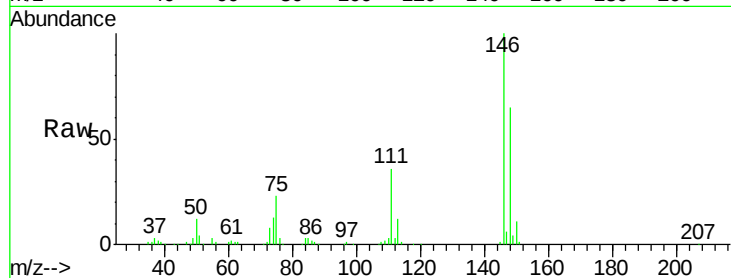




#13
 1,4-Dichlorobenzene
 Concen: 36.07 ng
 RT: 7.36 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF077381.D
 Acq: 20 Feb 2015 14:55

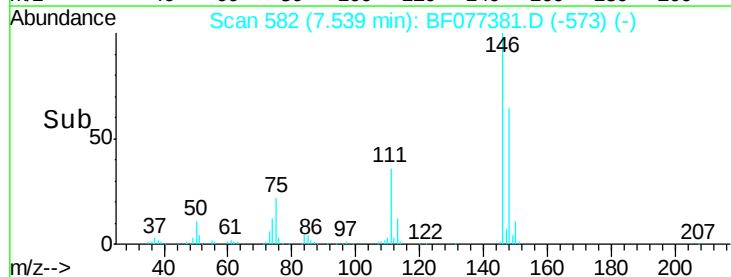
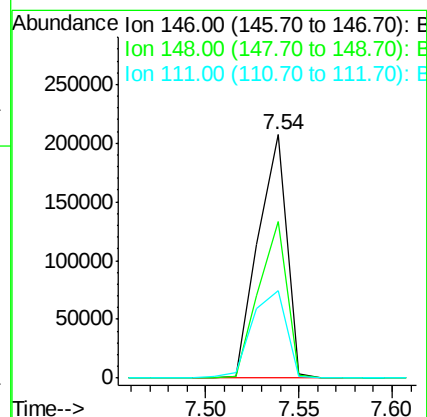
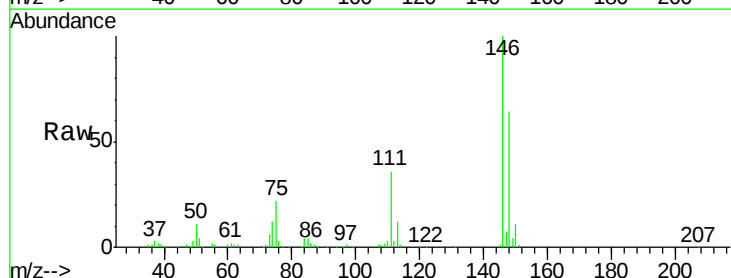
Instrument :
 BNA_F
 ClientSampleId :
 PB81784BS

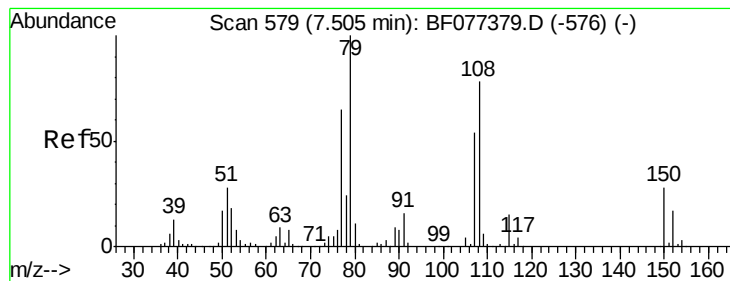
Tgt Ion:146 Resp: 232981
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.0 78.0
 111 36.3 31.9 47.9



#14
 1,2-Dichlorobenzene
 Concen: 36.29 ng
 RT: 7.54 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: BF077381.D
 Acq: 20 Feb 2015 14:55

Tgt Ion:146 Resp: 223027
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.6 77.4
 111 36.2 34.2 51.2





#15

Benzyl Alcohol

Concen: 37.57 ng

RT: 7.50 min Scan# 579

Delta R.T. -0.00 min

Lab File: BF077381.D

Acq: 20 Feb 2015 14:55

Instrument :

BNA_F

ClientSampleId :

PB81784BS

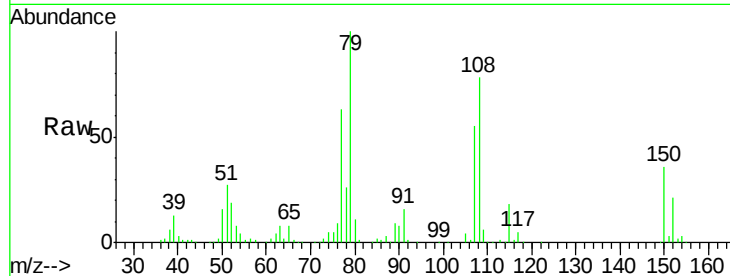
Tgt Ion: 79 Resp: 181548

Ion Ratio Lower Upper

79 100

108 78.4 58.3 87.5

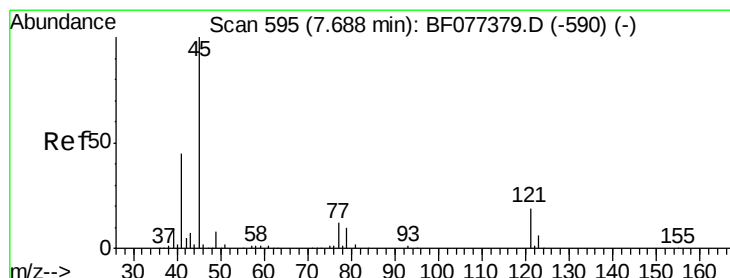
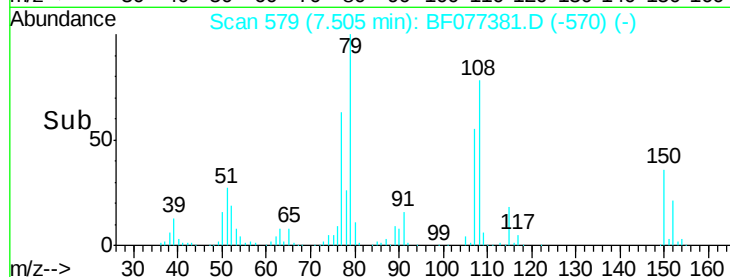
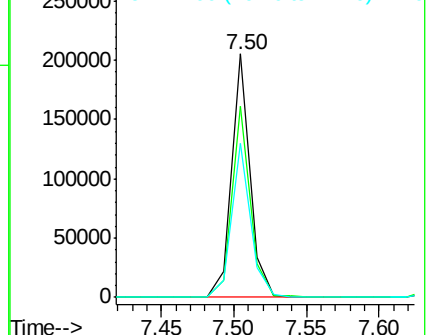
77 63.5 51.3 76.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.72 ng

RT: 7.69 min Scan# 595

Delta R.T. -0.00 min

Lab File: BF077381.D

Acq: 20 Feb 2015 14:55

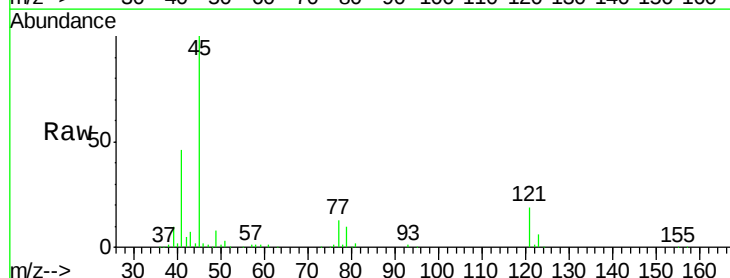
Tgt Ion: 45 Resp: 299964

Ion Ratio Lower Upper

45 100

77 13.1 0.0 34.6

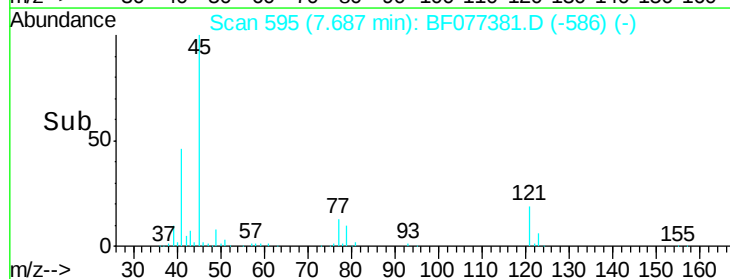
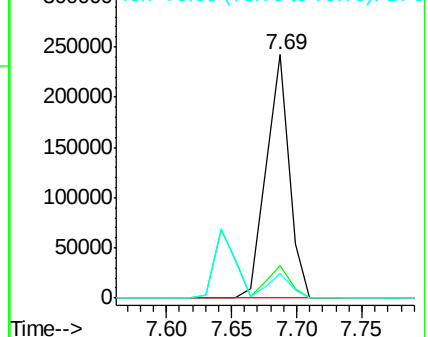
79 10.2 0.0 31.5

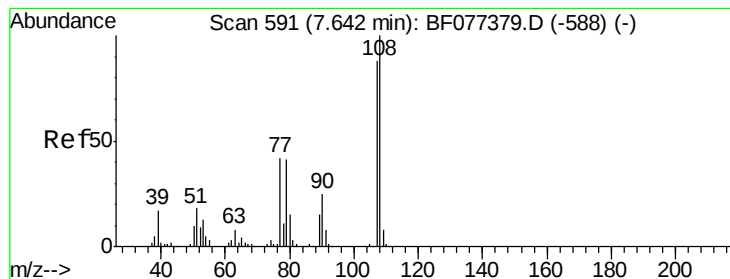


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 37.80 ng

RT: 7.64 min Scan# 591

Delta R.T. -0.00 min

Lab File: BF077381.D

Acq: 20 Feb 2015 14:55

Instrument :

BNA_F

ClientSampleId :

PB81784BS

Tgt Ion:107 Resp: 172307

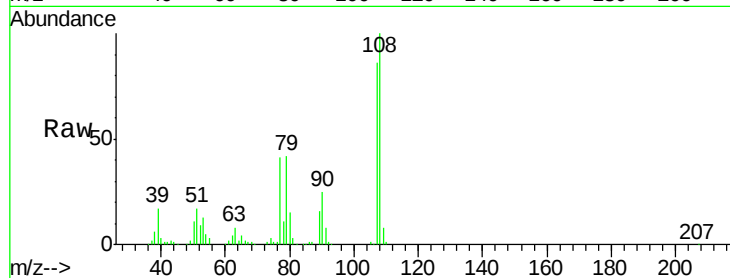
Ion Ratio Lower Upper

107 100

108 115.8 91.2 136.8

77 47.8 33.6 50.4

79 48.1 32.1 48.1

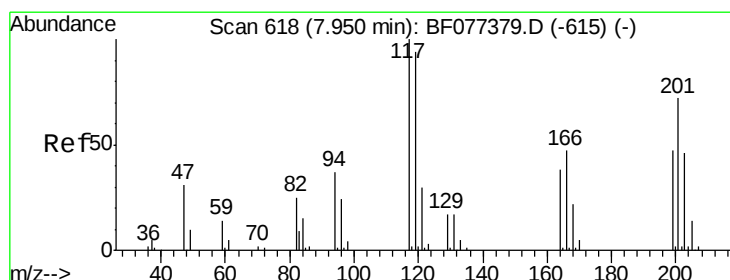
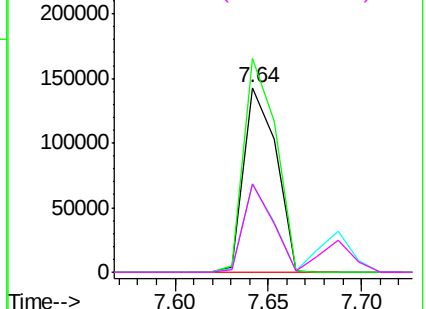
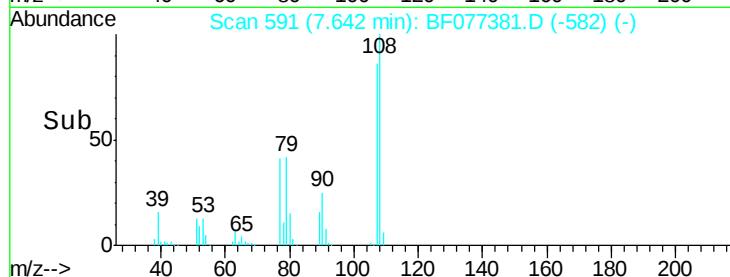


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.95 ng

RT: 7.95 min Scan# 618

Delta R.T. -0.00 min

Lab File: BF077381.D

Acq: 20 Feb 2015 14:55

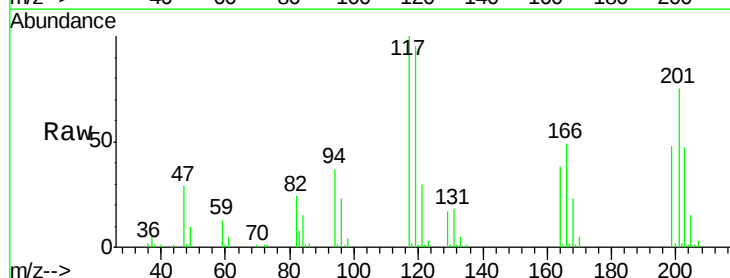
Tgt Ion:117 Resp: 79732

Ion Ratio Lower Upper

117 100

119 95.2 77.8 116.8

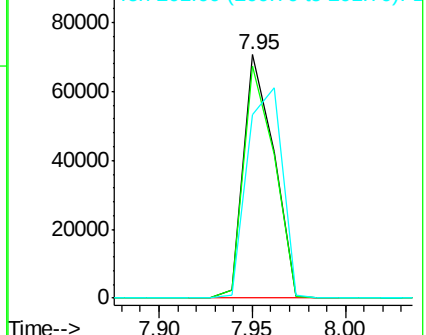
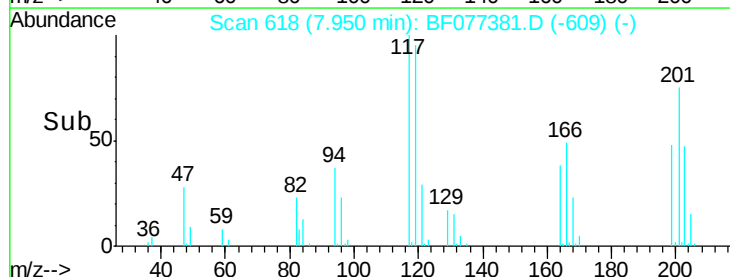
201 75.4 90.6 136.0#



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

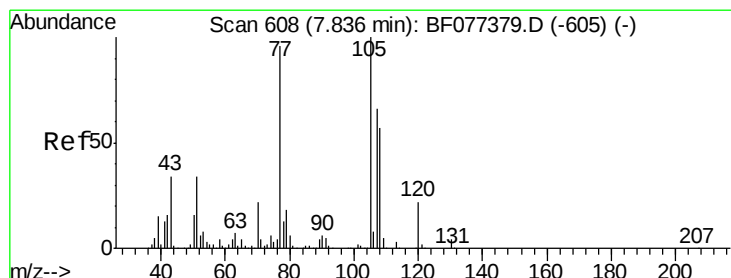
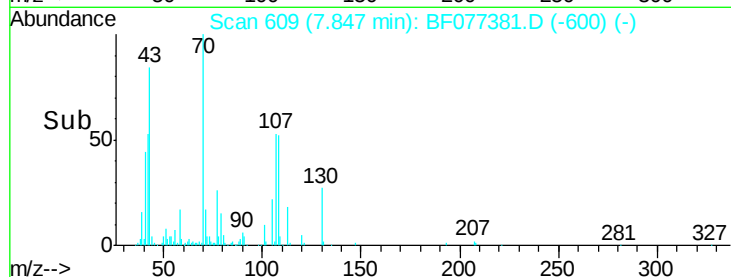
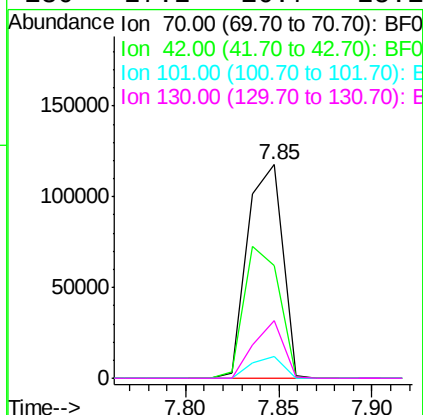
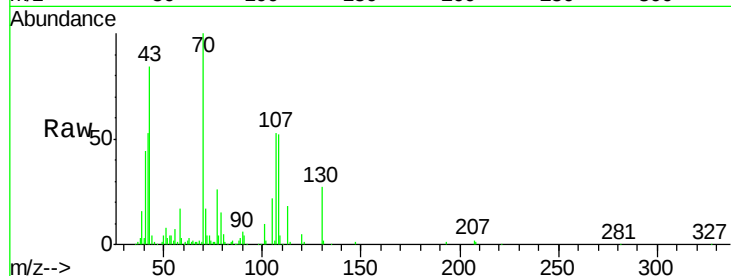




#19
n-Nitroso-di-n-propylamine
Concen: 37.94 ng
RT: 7.85 min Scan# 609
Delta R.T. -0.00 min
Lab File: BF077381.D
Acq: 20 Feb 2015 14:55

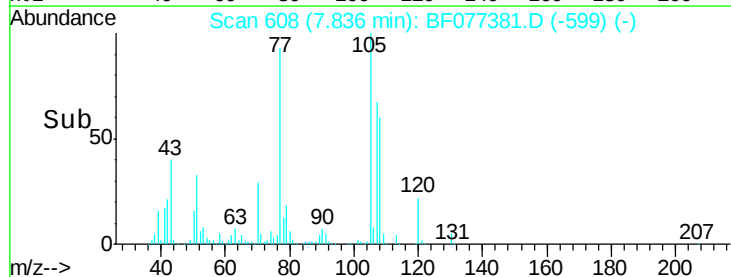
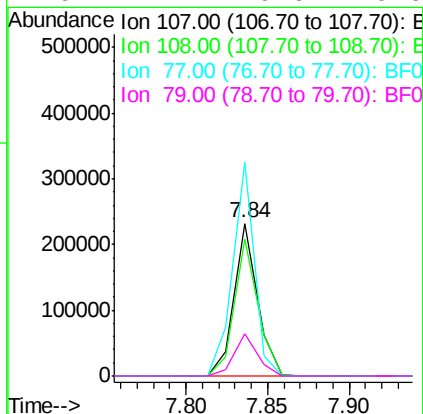
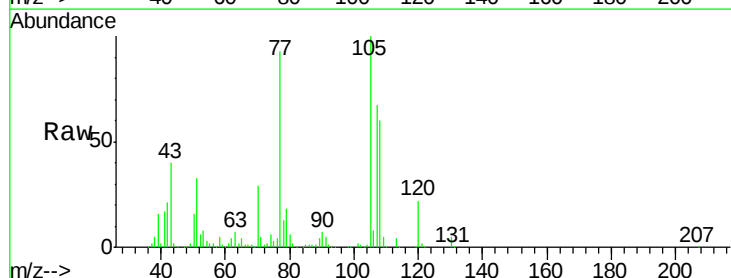
Instrument :
BNA_F
ClientSampleId :
PB81784BS

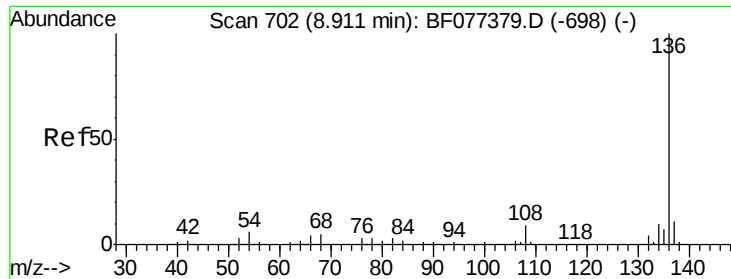
Tgt Ion: 70 Resp: 153131
Ion Ratio Lower Upper
70 100
42 52.5 48.3 72.5
101 10.0 7.5 11.3
130 27.2 16.7 25.1#



#20
3+4-Methylphenols
Concen: 38.24 ng
RT: 7.84 min Scan# 608
Delta R.T. -0.00 min
Lab File: BF077381.D
Acq: 20 Feb 2015 14:55

Tgt Ion: 107 Resp: 229566
Ion Ratio Lower Upper
107 100
108 89.9 76.8 116.8
77 139.7 65.8 105.8#
79 27.4 9.6 49.6

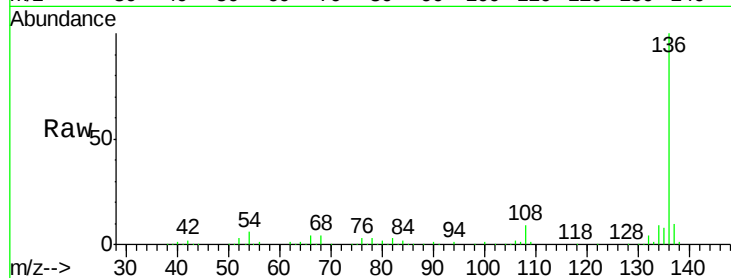




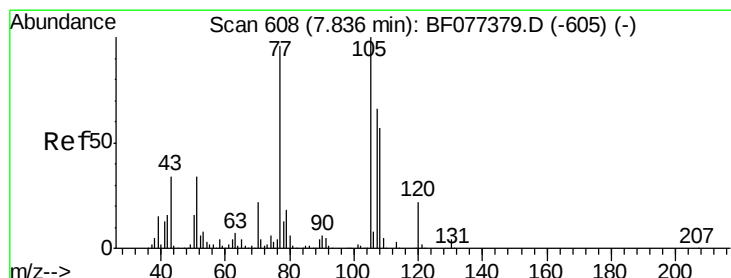
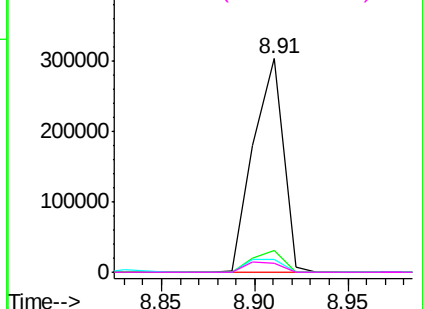
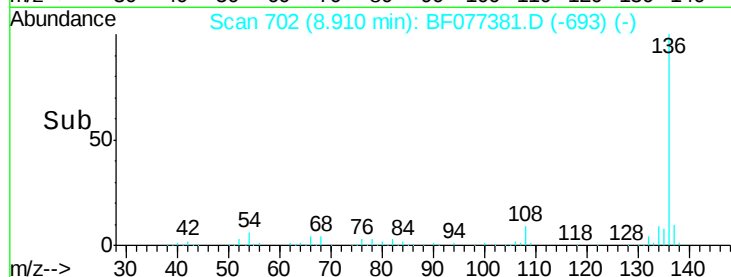
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.91 min Scan# 702
Delta R.T. -0.00 min
Lab File: BF077381.D
Acq: 20 Feb 2015 14:55

Instrument :
BNA_F
ClientSampleId :
PB81784BS

Tgt Ion:	136	Resp:	337456
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.6	13.0
54	6.0	6.2	9.4#
68	4.5	5.0	7.6#

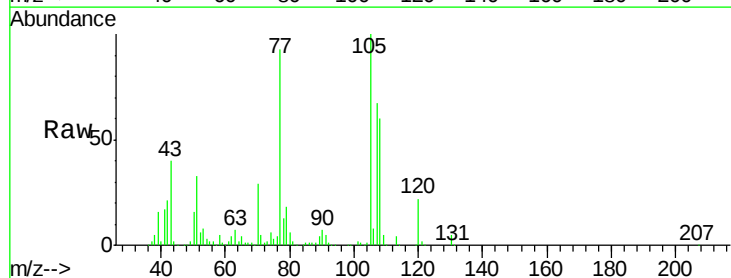


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

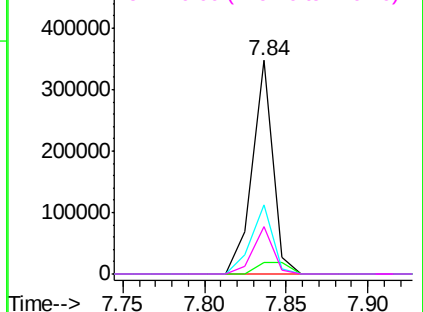
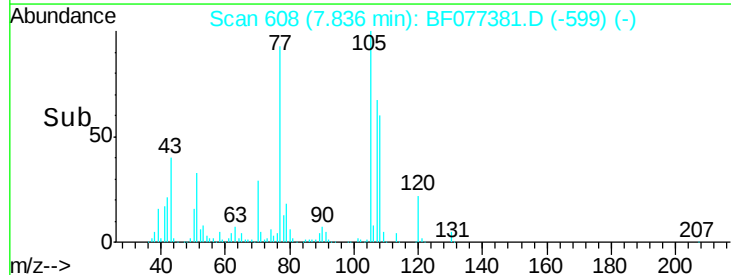


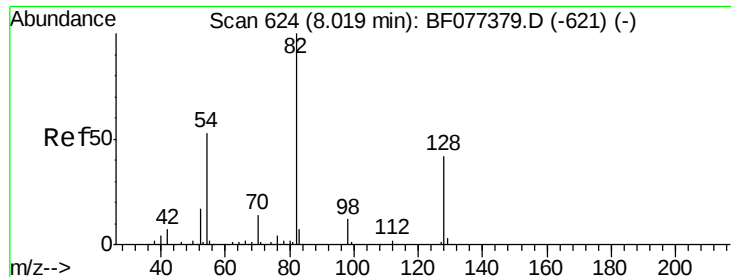
#22
Acetophenone
Concen: 38.30 ng
RT: 7.84 min Scan# 608
Delta R.T. -0.00 min
Lab File: BF077381.D
Acq: 20 Feb 2015 14:55

Tgt Ion:	105	Resp:	304060
Ion Ratio	Lower	Upper	
105	100		
71	5.2	1.7	2.5#
51	32.6	30.7	46.1
120	22.3	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

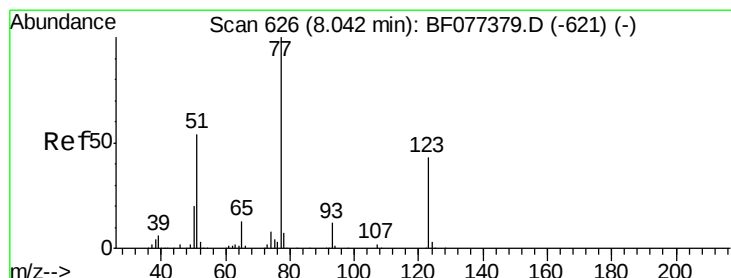
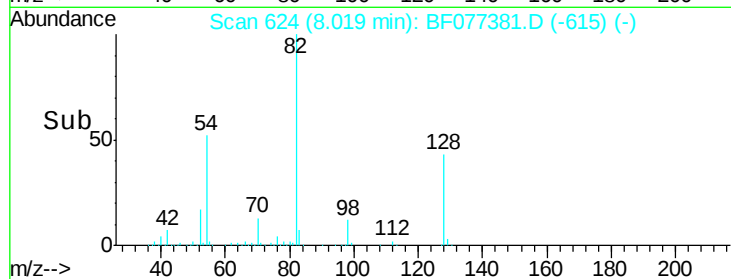
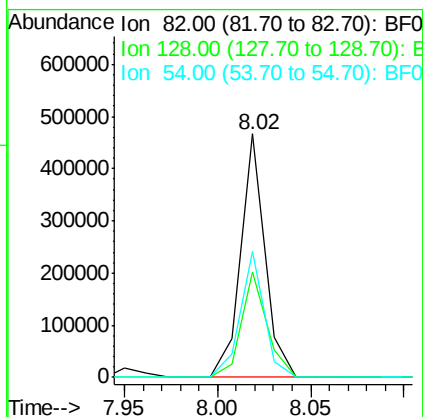
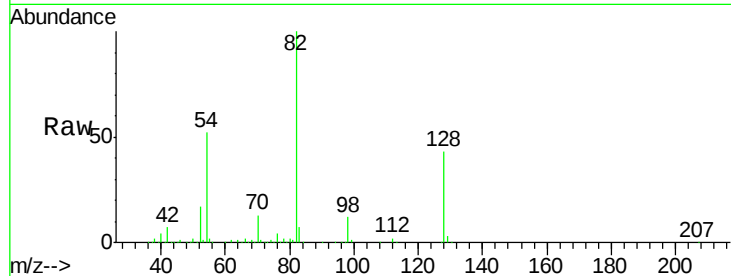




#23
 Nitrobenzene-d5
 Concen: 78.11 ng
 RT: 8.02 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF077381.D
 Acq: 20 Feb 2015 14:55

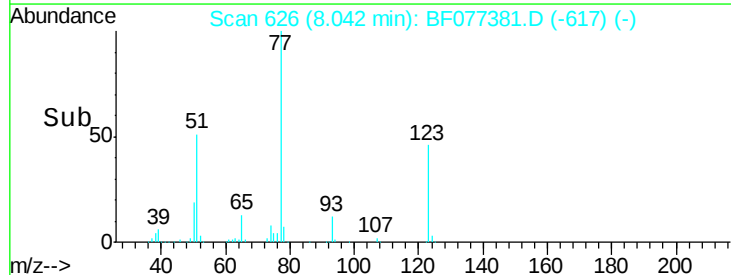
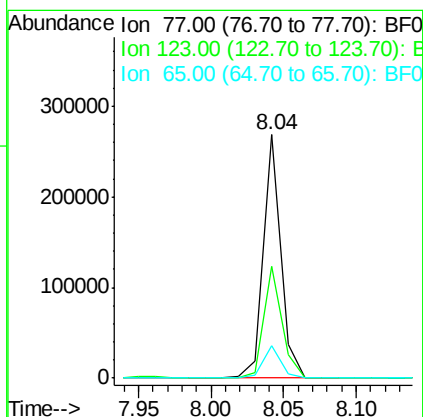
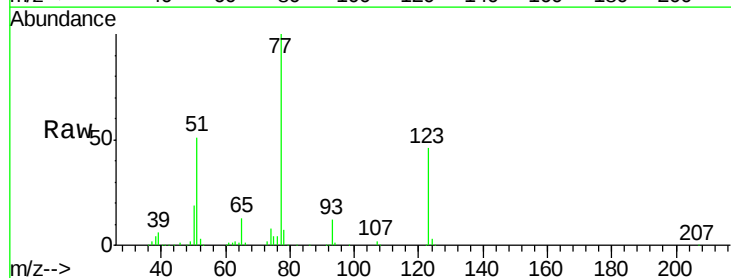
Instrument :
 BNA_F
 ClientSampleId :
 PB81784BS

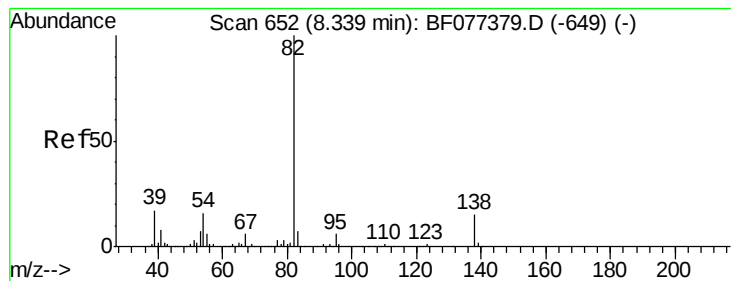
Tgt Ion: 82 Resp: 423868
 Ion Ratio Lower Upper
 82 100
 128 43.2 43.8 65.8#
 54 51.8 36.7 55.1



#24
 Nitrobenzene
 Concen: 39.20 ng
 RT: 8.04 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF077381.D
 Acq: 20 Feb 2015 14:55

Tgt Ion: 77 Resp: 223786
 Ion Ratio Lower Upper
 77 100
 123 46.0 45.9 68.9
 65 13.2 9.5 14.3





#25

Isophorone

Concen: 37.76 ng

RT: 8.34 min Scan# 652

Delta R.T. -0.00 min

Lab File: BF077381.D

Acq: 20 Feb 2015 14:55

Instrument :

BNA_F

ClientSampleId :

PB81784BS

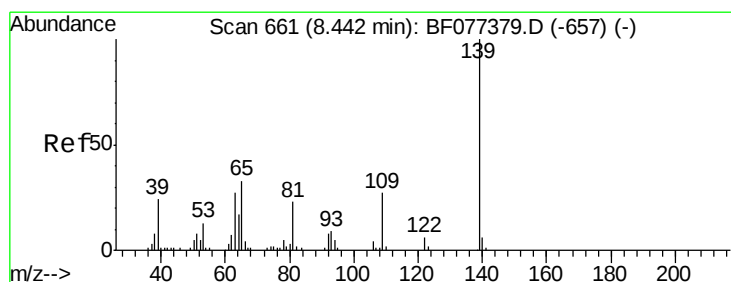
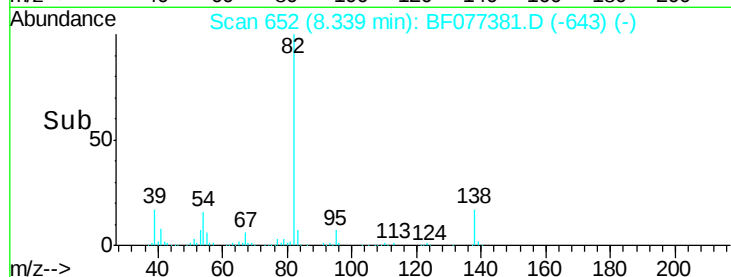
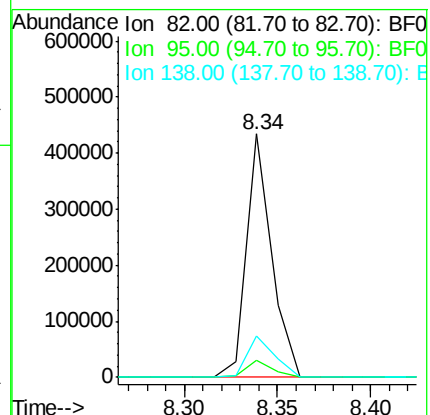
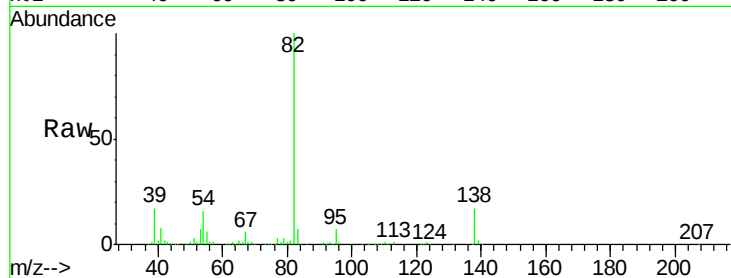
Tgt Ion: 82 Resp: 406493

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

138 17.1 16.3 24.5



#26

2-Nitrophenol

Concen: 37.28 ng

RT: 8.44 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF077381.D

Acq: 20 Feb 2015 14:55

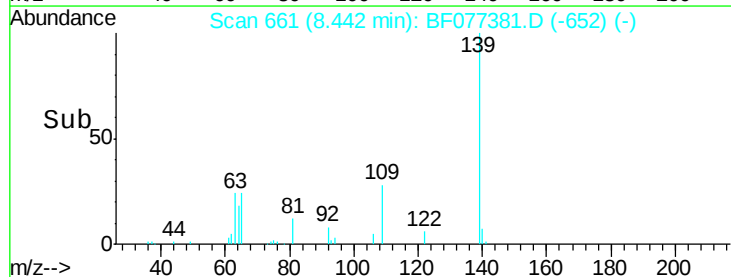
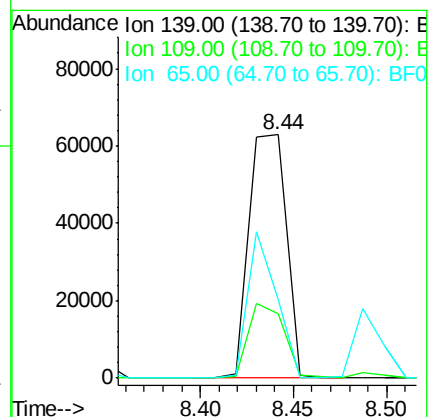
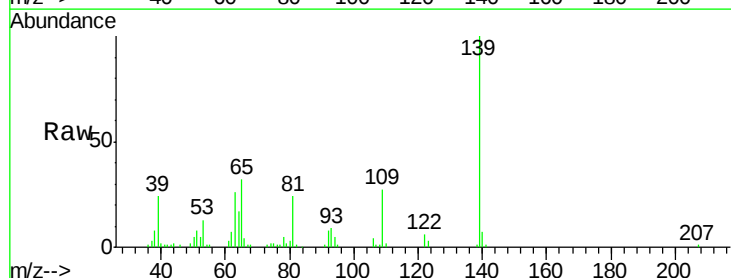
Tgt Ion: 139 Resp: 87245

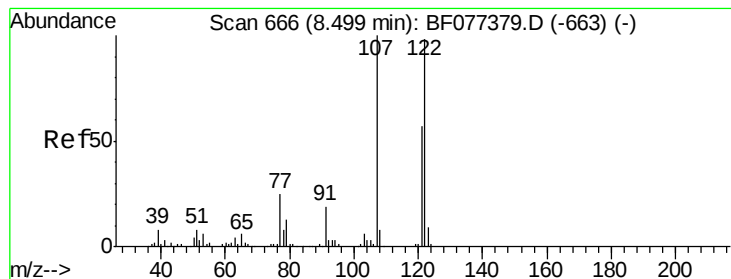
Ion Ratio Lower Upper

139 100

109 26.6 22.6 34.0

65 32.1 36.4 54.6#





#27

2,4-Dimethylphenol

Concen: 37.95 ng

RT: 8.49 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF077381.D

Acq: 20 Feb 2015 14:55

Instrument :

BNA_F

ClientSampleId :

PB81784BS

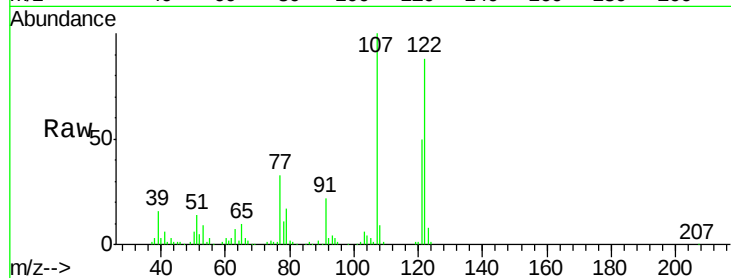
Tgt Ion:122 Resp: 198683

Ion Ratio Lower Upper

122 100

107 114.0 86.6 130.0

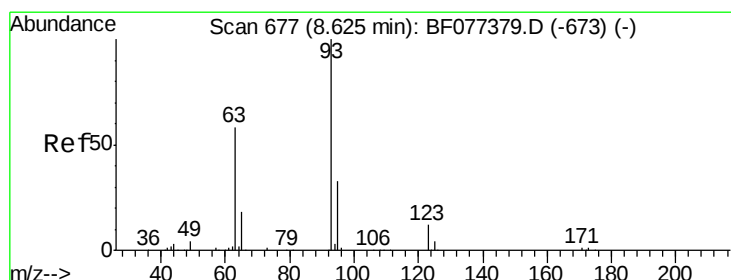
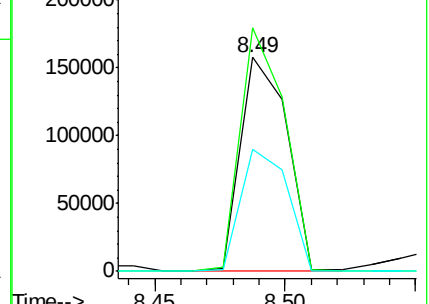
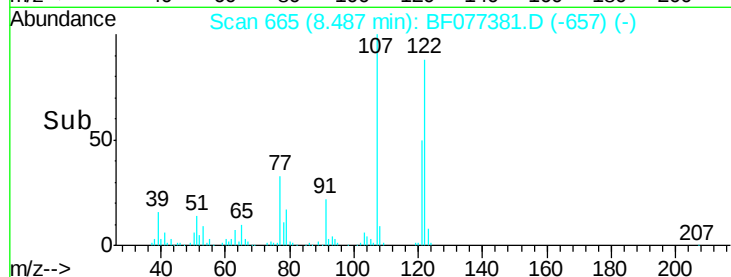
121 57.1 47.4 71.0



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: 38.71 ng

RT: 8.62 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF077381.D

Acq: 20 Feb 2015 14:55

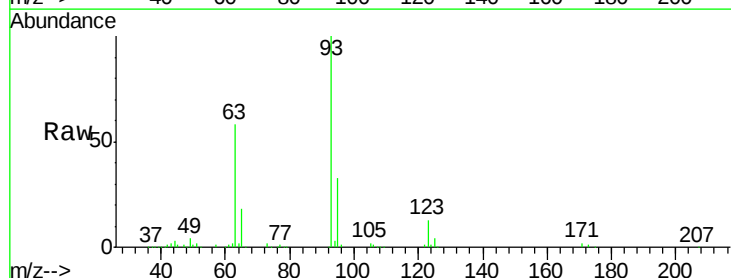
Tgt Ion: 93 Resp: 263300

Ion Ratio Lower Upper

93 100

95 33.0 26.4 39.6

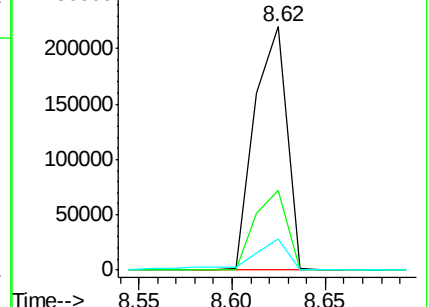
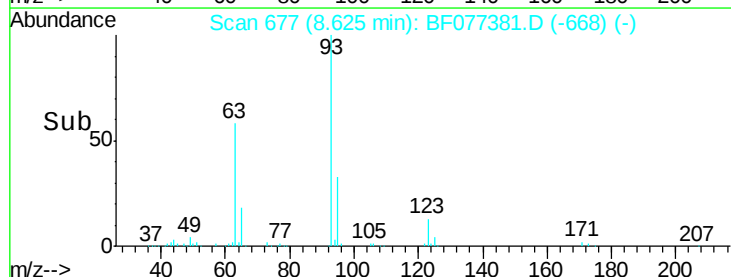
123 12.6 8.7 13.1

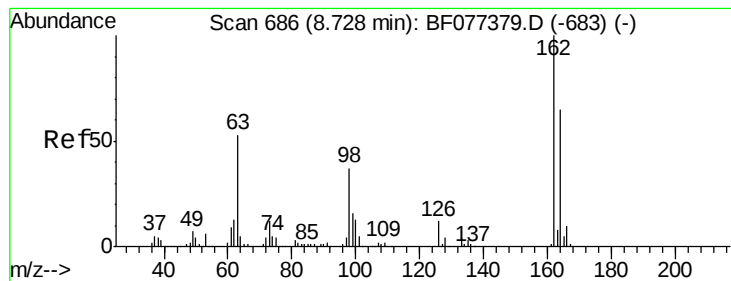


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.29 ng

RT: 8.73 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF077381.D

Acq: 20 Feb 2015 14:55

Instrument :

BNA_F

ClientSampleId :

PB81784BS

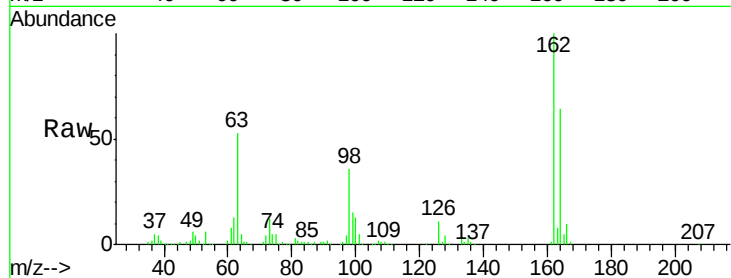
Tgt Ion:162 Resp: 198025

Ion Ratio Lower Upper

162 100

164 63.6 46.4 86.4

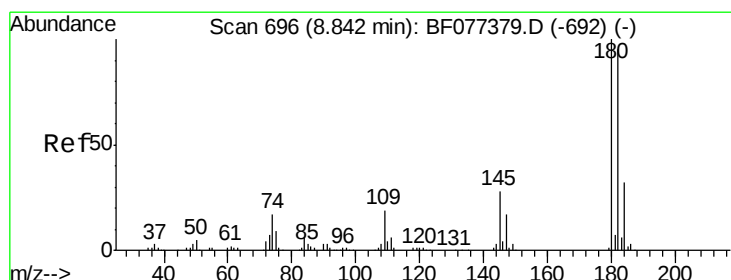
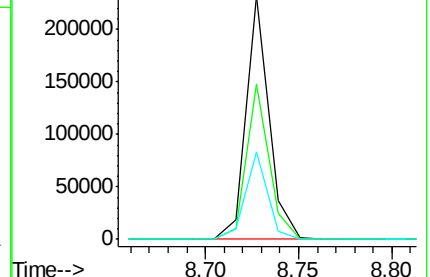
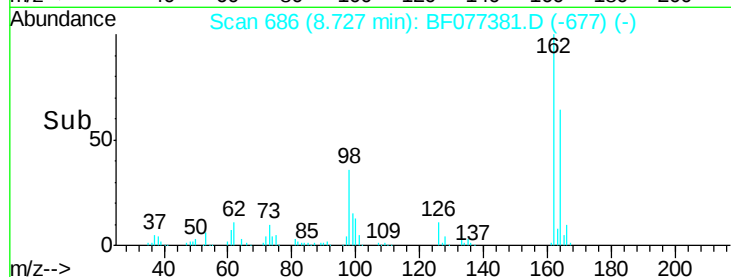
98 35.9 6.9 46.9



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: 37.37 ng

RT: 8.84 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF077381.D

Acq: 20 Feb 2015 14:55

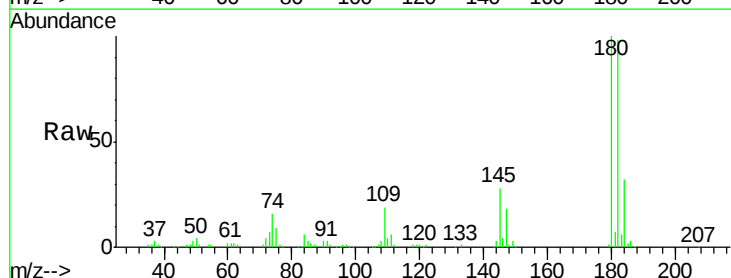
Tgt Ion:180 Resp: 201892

Ion Ratio Lower Upper

180 100

182 98.4 76.2 114.4

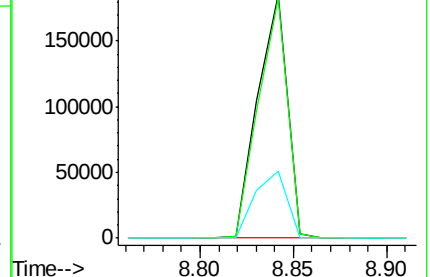
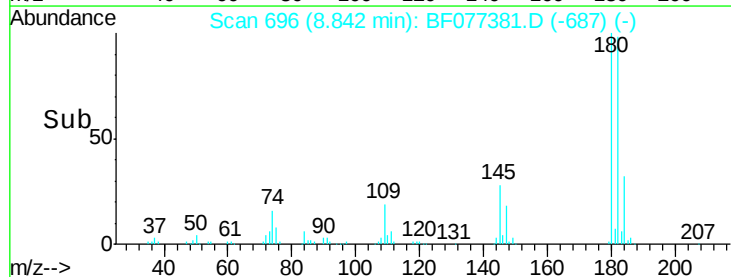
145 27.6 24.5 36.7



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

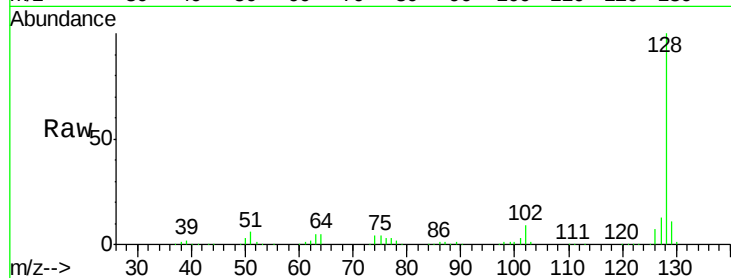




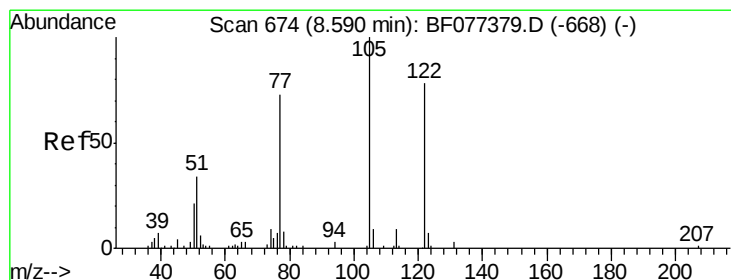
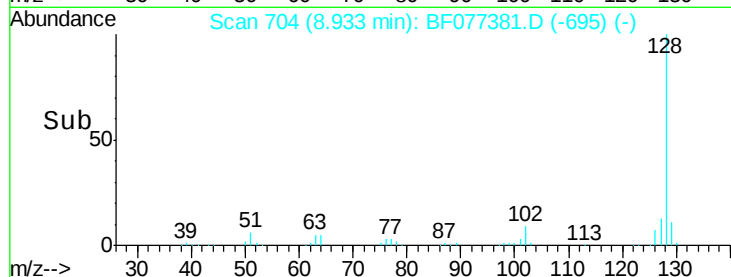
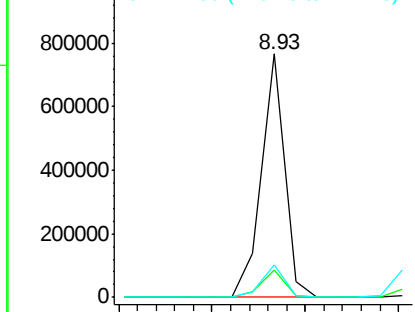
#31
Naphthalene
Concen: 38.79 ng
RT: 8.93 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF077381.D
Acq: 20 Feb 2015 14:55

Instrument :
BNA_F
ClientSampleId :
PB81784BS

Tgt Ion:128 Resp: 654525
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.0
127 13.1 10.6 15.8

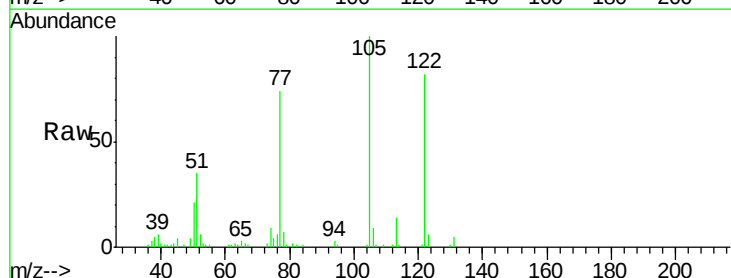


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

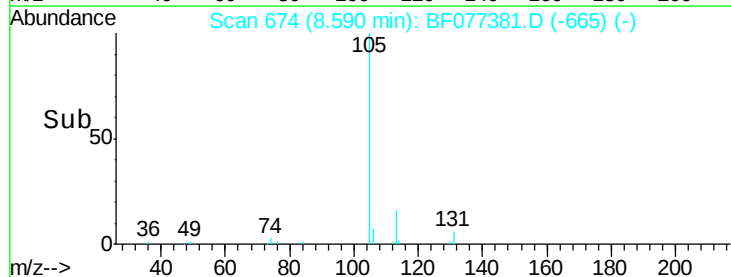
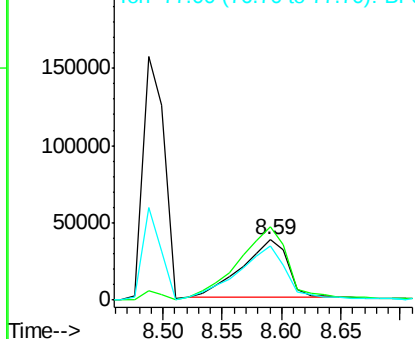


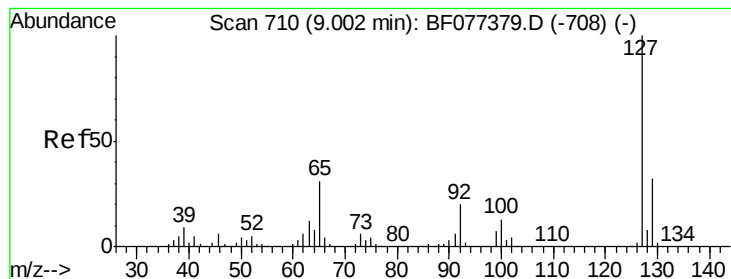
#32
Benzoic acid
Concen: 40.48 ng
RT: 8.59 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF077381.D
Acq: 20 Feb 2015 14:55

Tgt Ion:122 Resp: 102975
Ion Ratio Lower Upper
122 100
105 121.5 100.3 140.3
77 89.8 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: 10.66 ng

RT: 9.00 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF077381.D

Acq: 20 Feb 2015 14:55

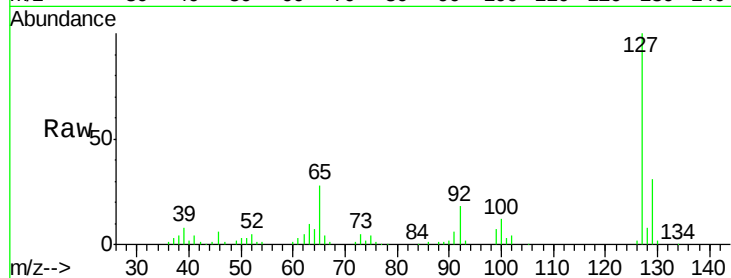
Instrument :

BNA_F

ClientSampleId :

PB81784BS

Tgt Ion:	127	Resp:	79971
Ion	Ratio	Lower	Upper
127	100		
129	30.6	26.9	40.3
65	27.8	16.7	25.1#
92	17.8	12.5	18.7

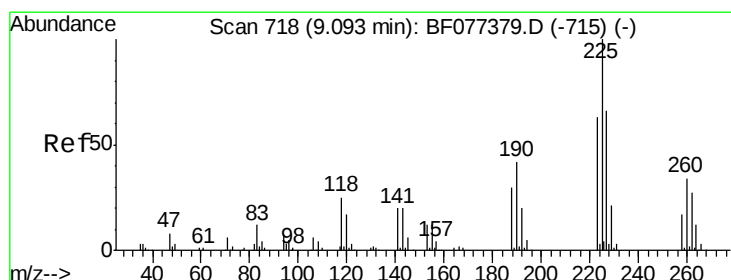
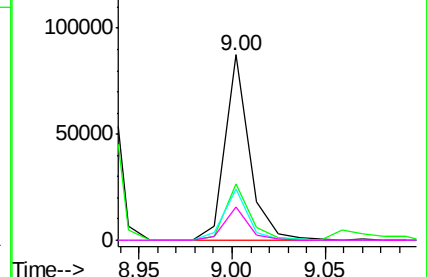
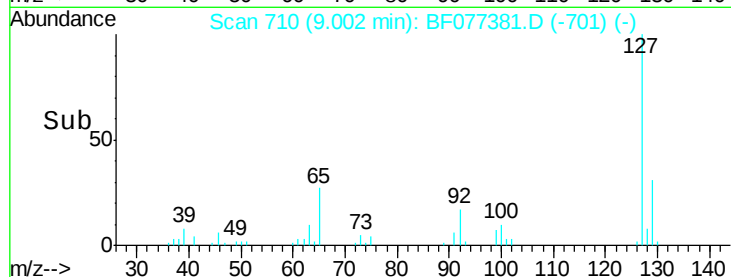


Abundance Ion 127.00 (126.70 to 127.70): E

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: 38.36 ng

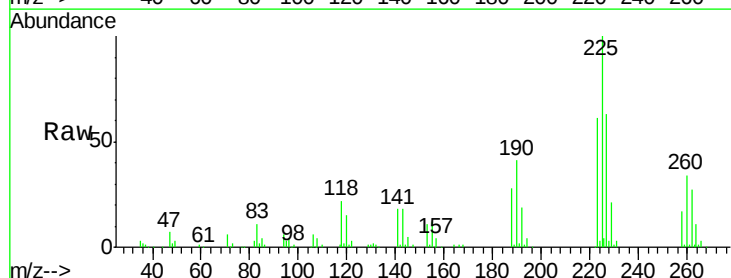
RT: 9.09 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF077381.D

Acq: 20 Feb 2015 14:55

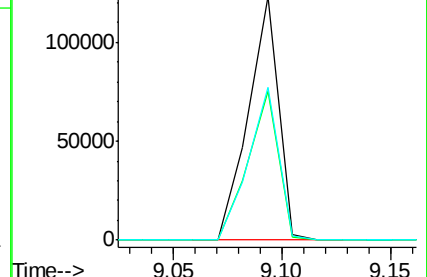
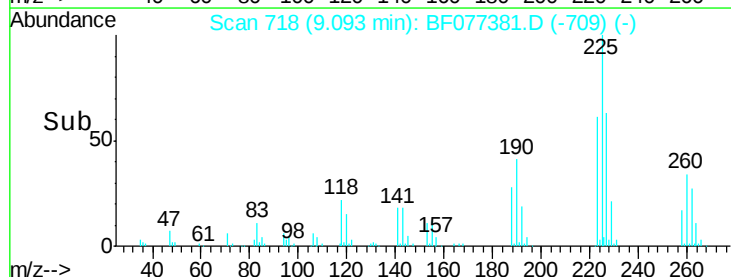
Tgt Ion:	225	Resp:	118324
Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.5	74.3
227	62.6	50.5	75.7

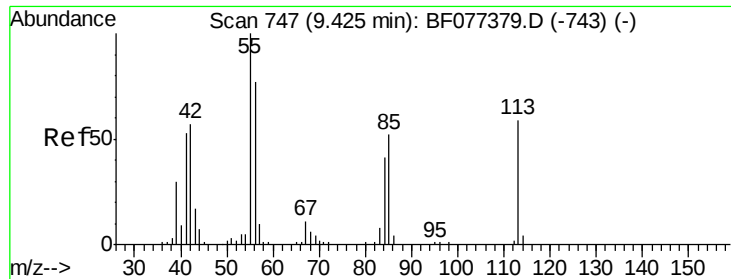


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

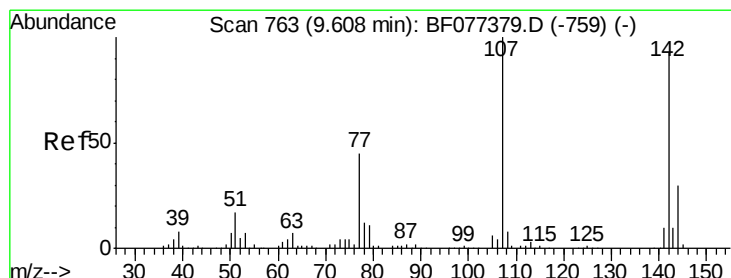
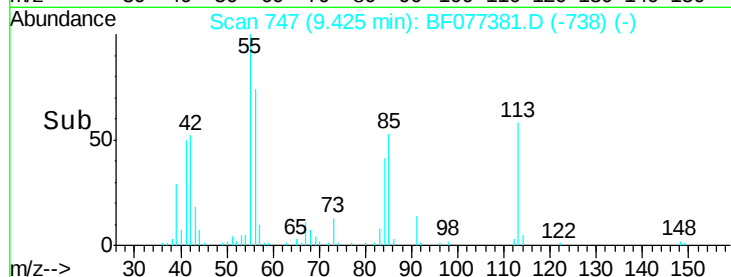
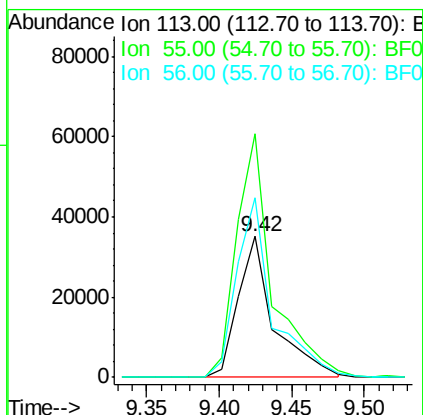
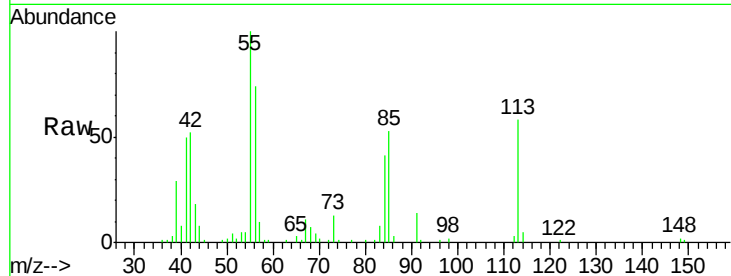




#35
 Caprolactam
 Concen: 40.24 ng
 RT: 9.42 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF077381.D
 Acq: 20 Feb 2015 14:55

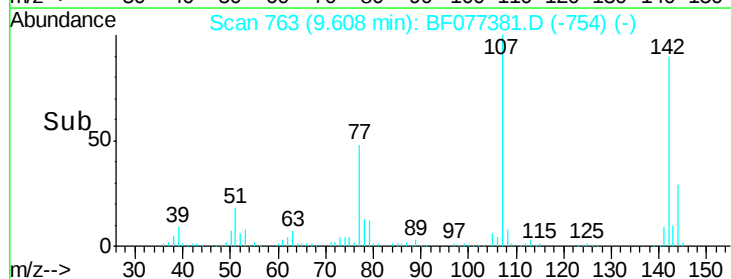
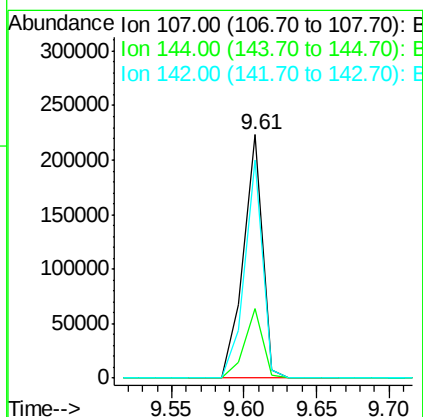
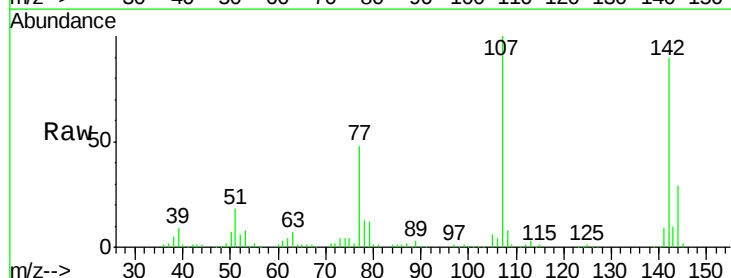
Instrument :
 BNA_F
 ClientSampleId :
 PB81784BS

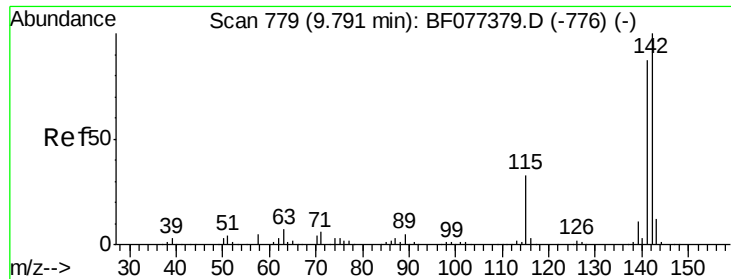
Tgt Ion:113 Resp: 60368
 Ion Ratio Lower Upper
 113 100
 55 172.6 154.6 194.6
 56 127.4 114.0 154.0



#36
 4-Chloro-3-methylphenol
 Concen: 41.64 ng
 RT: 9.61 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BF077381.D
 Acq: 20 Feb 2015 14:55

Tgt Ion:107 Resp: 205716
 Ion Ratio Lower Upper
 107 100
 144 28.7 21.1 31.7
 142 89.7 65.3 97.9

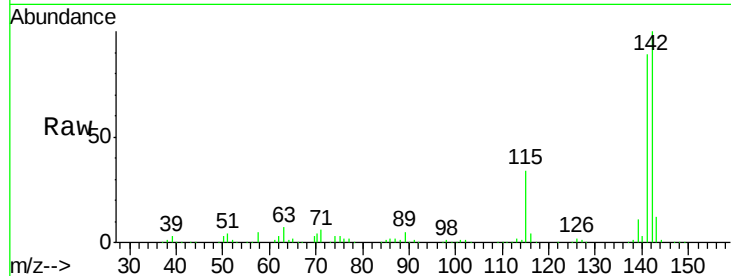




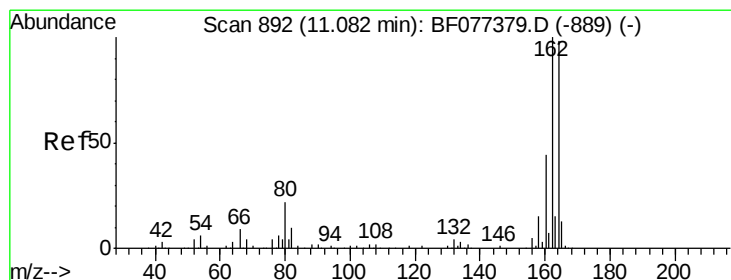
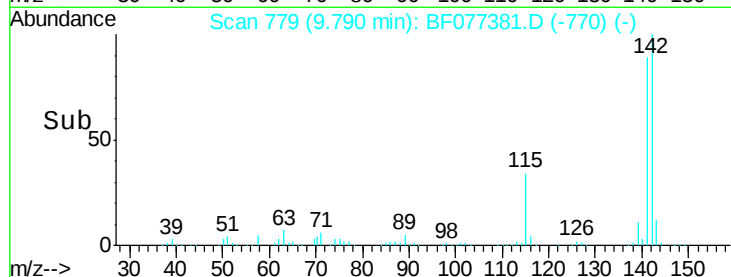
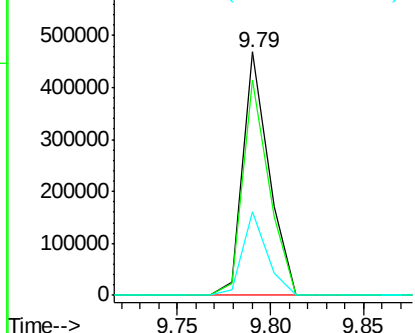
#37
 2-Methylnaphthalene
 Concen: 38.16 ng
 RT: 9.79 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF077381.D
 Acq: 20 Feb 2015 14:55

Instrument :
 BNA_F
 ClientSampleId :
 PB81784BS

Tgt Ion:142 Resp: 457314
 Ion Ratio Lower Upper
 142 100
 141 88.7 70.7 106.1
 115 34.3 24.2 36.4

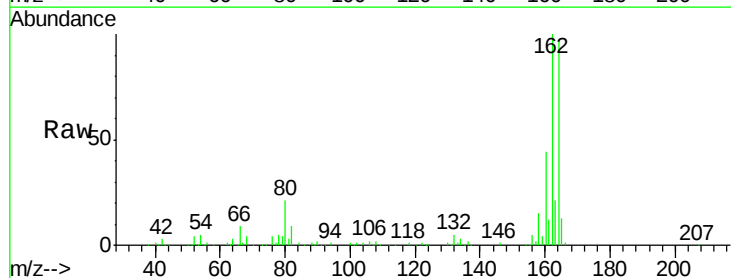


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

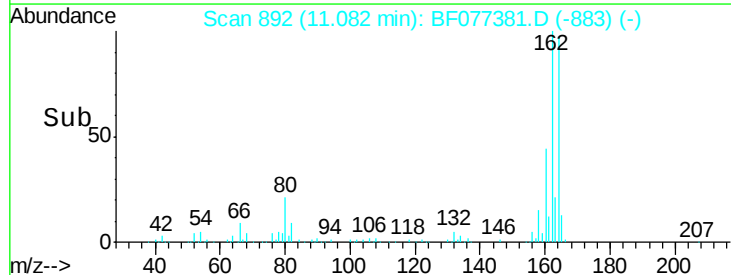
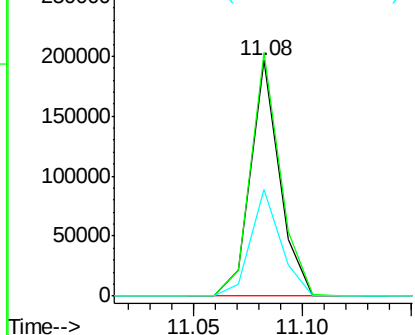


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.08 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: BF077381.D
 Acq: 20 Feb 2015 14:55

Tgt Ion:164 Resp: 181526
 Ion Ratio Lower Upper
 164 100
 162 103.4 83.2 124.8
 160 45.3 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: 40.20 ng

RT: 10.00 min Scan# 797

Delta R.T. -0.00 min

Lab File: BF077381.D

Acq: 20 Feb 2015 14:55

Instrument :

BNA_F

ClientSampleId :

PB81784BS

Tgt Ion:216 Resp: 209372

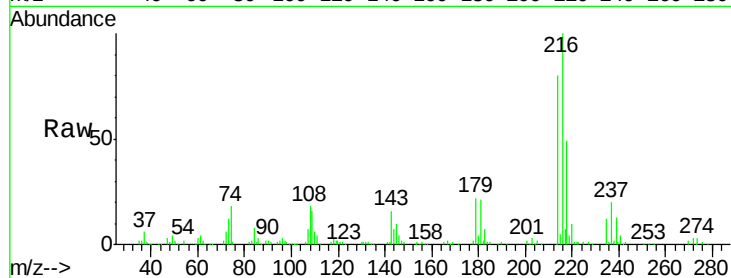
Ion Ratio Lower Upper

216 100

214 79.3 63.4 95.0

179 21.0 16.6 25.0

108 20.8 14.2 21.4

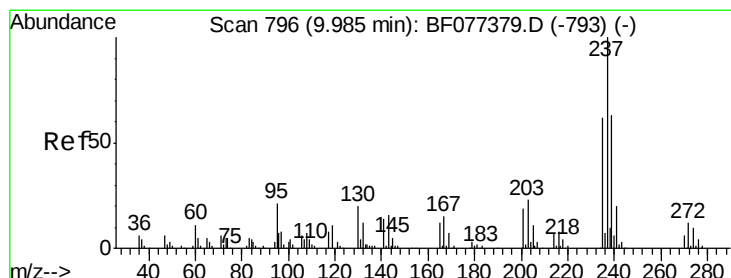
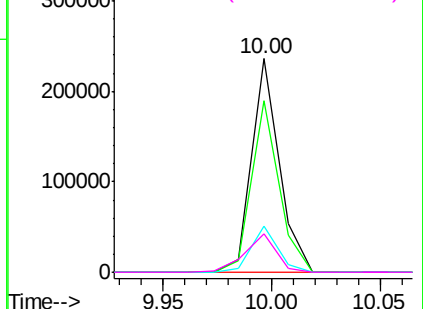
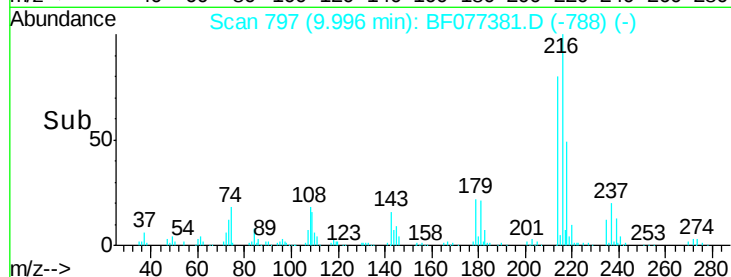


Abundance Ion 216.00 (215.70 to 216.70): E

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: 81.81 ng

RT: 9.98 min Scan# 796

Delta R.T. -0.00 min

Lab File: BF077381.D

Acq: 20 Feb 2015 14:55

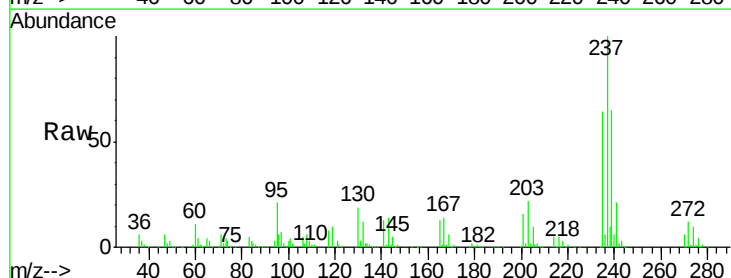
Tgt Ion:237 Resp: 228486

Ion Ratio Lower Upper

237 100

235 63.9 41.0 81.0

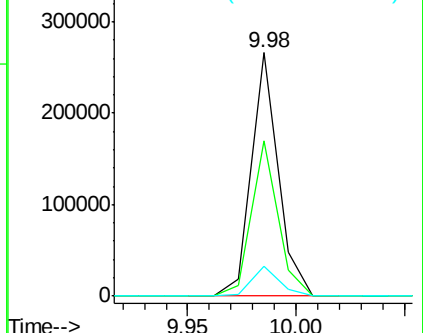
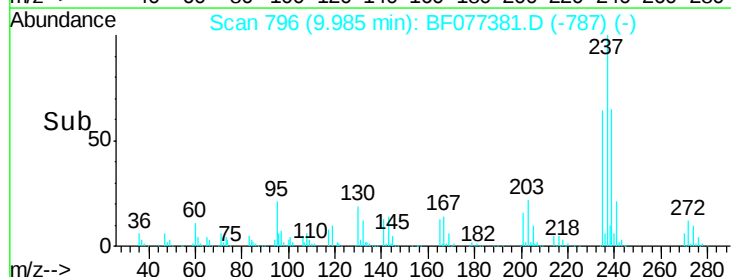
272 12.3 0.0 34.3

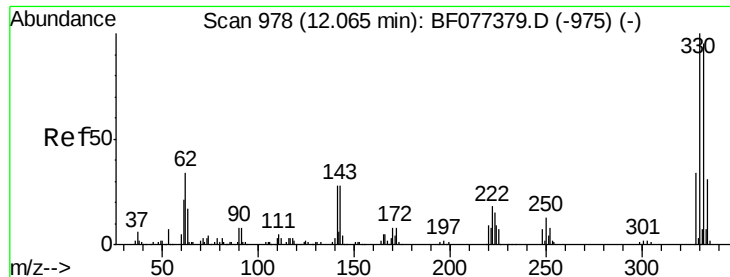


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

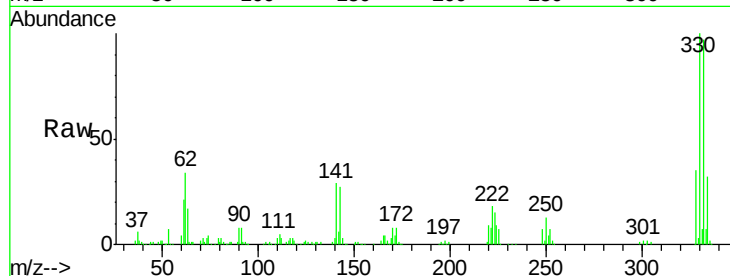




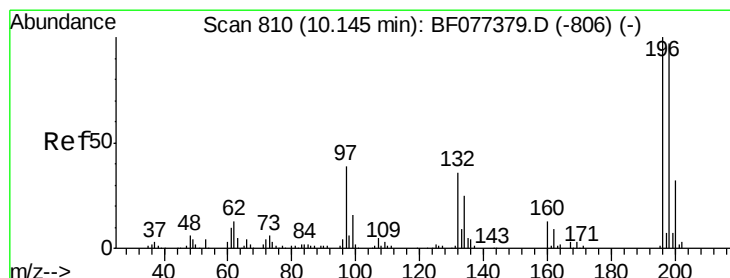
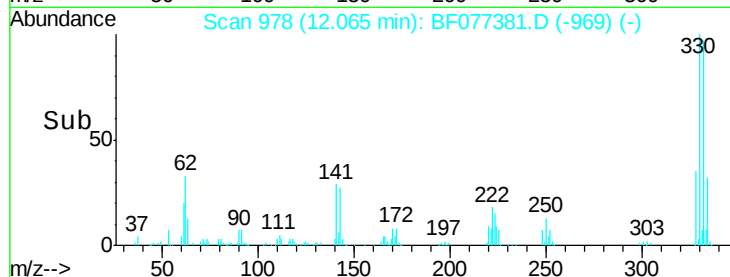
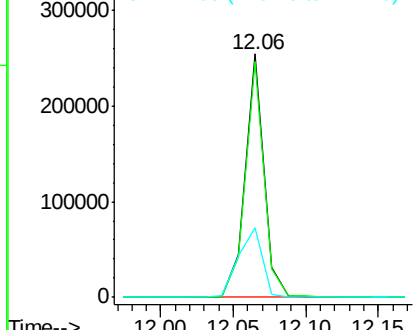
#41
 2,4,6-Tribromophenol
 Concen: 131.33 ng
 RT: 12.06 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF077381.D
 Acq: 20 Feb 2015 14:55

Instrument :
 BNA_F
 ClientSampleId :
 PB81784BS

Tgt Ion:330 Resp: 229553
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 36.5 28.8 43.2

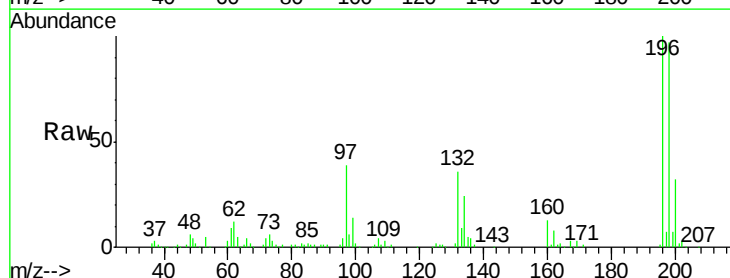


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

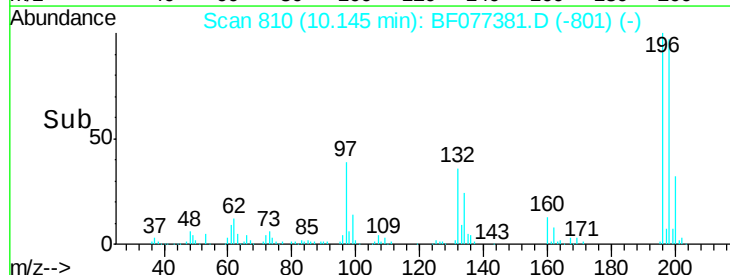
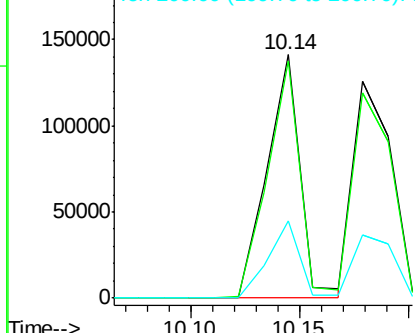


#42
 2,4,6-Trichlorophenol
 Concen: 43.51 ng
 RT: 10.14 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF077381.D
 Acq: 20 Feb 2015 14:55

Tgt Ion:196 Resp: 150064
 Ion Ratio Lower Upper
 196 100
 198 97.5 75.8 113.8
 200 31.7 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

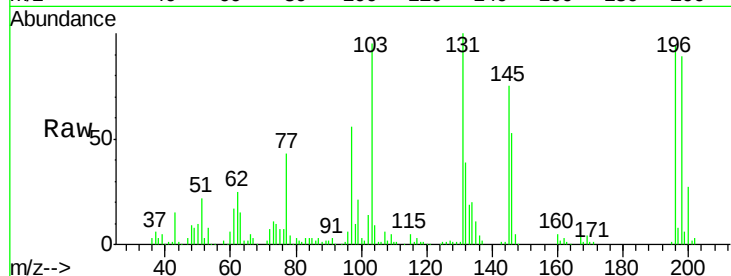




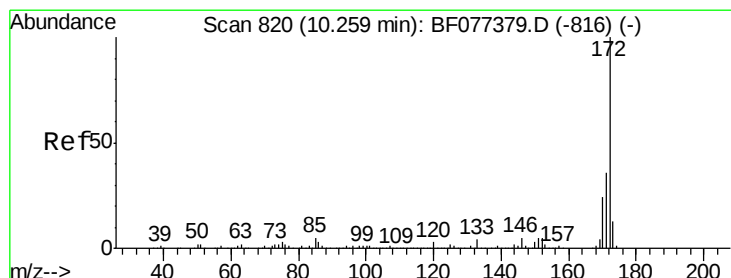
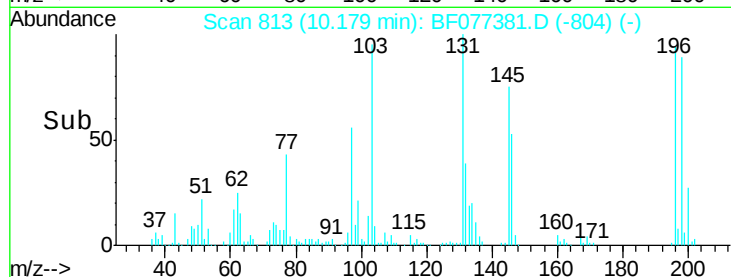
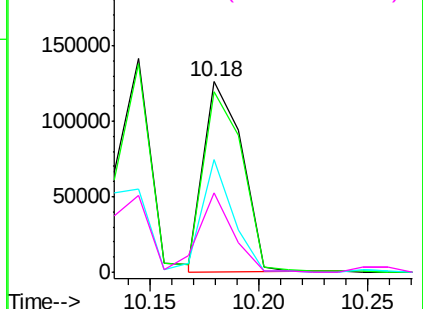
#43
 2,4,5-Trichlorophenol
 Concen: 41.56 ng
 RT: 10.18 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF077381.D
 Acq: 20 Feb 2015 14:55

Instrument :
 BNA_F
 ClientSampleId :
 PB81784BS

Tgt Ion:196 Resp: 153299
 Ion Ratio Lower Upper
 196 100
 198 94.7 77.2 115.8
 97 59.4 27.7 41.5#
 132 41.9 18.0 27.0#

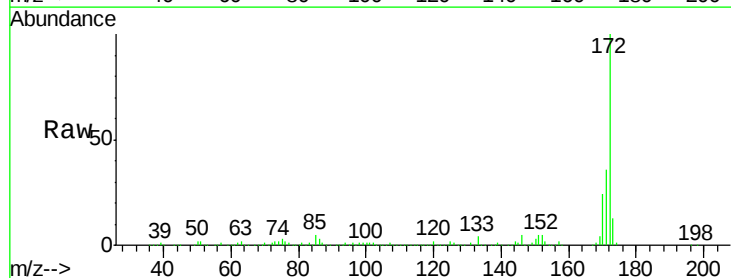


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

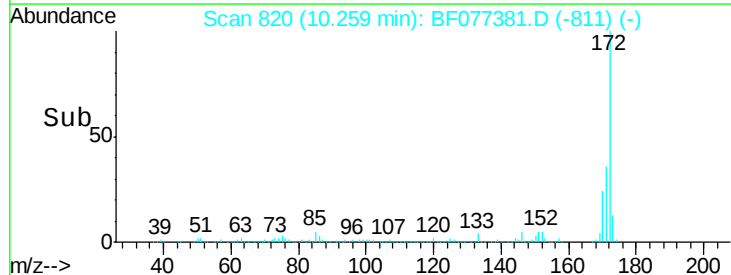
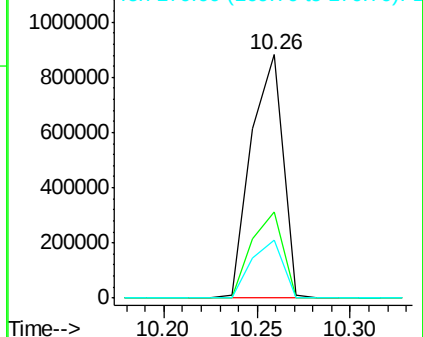


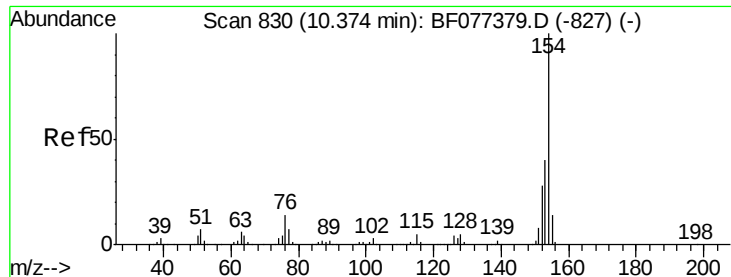
#44
 2-Fluorobiphenyl
 Concen: 89.20 ng
 RT: 10.26 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF077381.D
 Acq: 20 Feb 2015 14:55

Tgt Ion:172 Resp: 1038422
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.9 43.3
 170 23.9 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

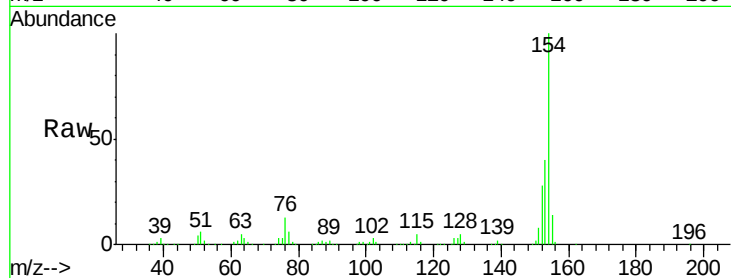




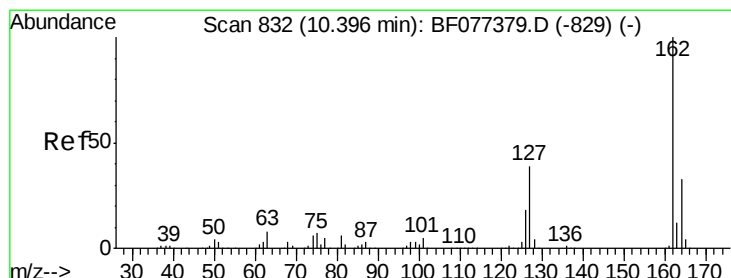
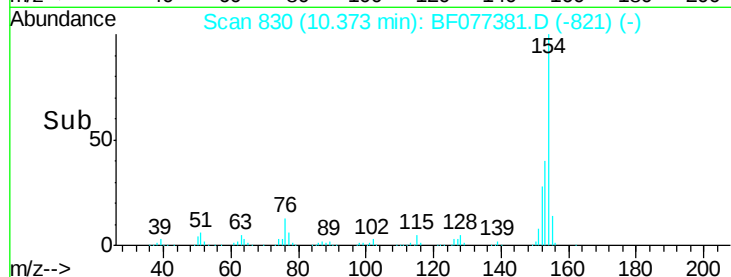
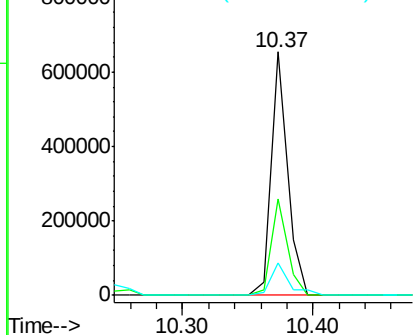
#45
1,1'-Biphenyl
Concen: 41.83 ng
RT: 10.37 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF077381.D
Acq: 20 Feb 2015 14:55

Instrument :
BNA_F
ClientSampleId :
PB81784BS

Tgt Ion:154 Resp: 575335
Ion Ratio Lower Upper
154 100
153 39.7 20.2 60.2
76 13.5 0.0 29.4

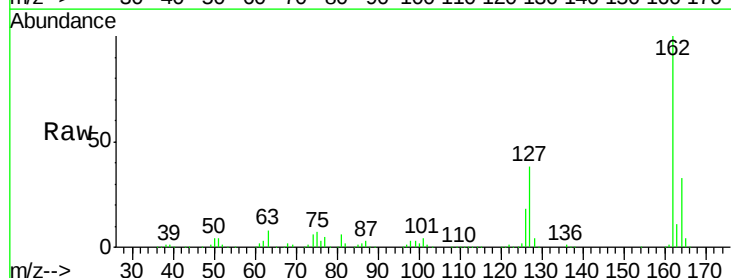


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

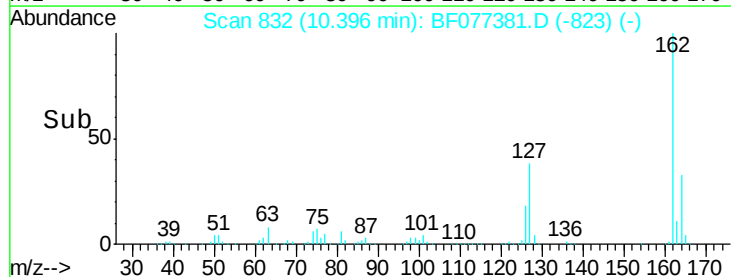
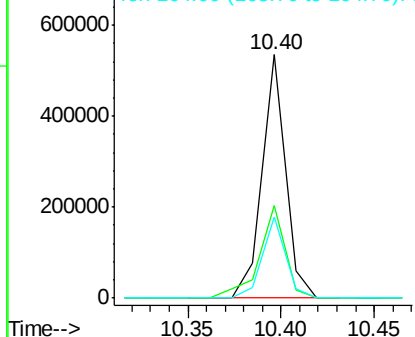


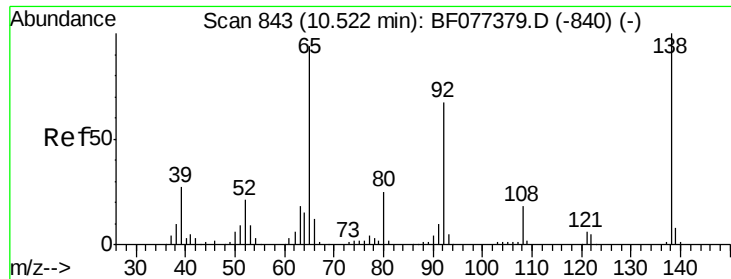
#46
2-Chloronaphthalene
Concen: 42.71 ng
RT: 10.40 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF077381.D
Acq: 20 Feb 2015 14:55

Tgt Ion:162 Resp: 460657
Ion Ratio Lower Upper
162 100
127 38.2 33.3 49.9
164 33.2 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

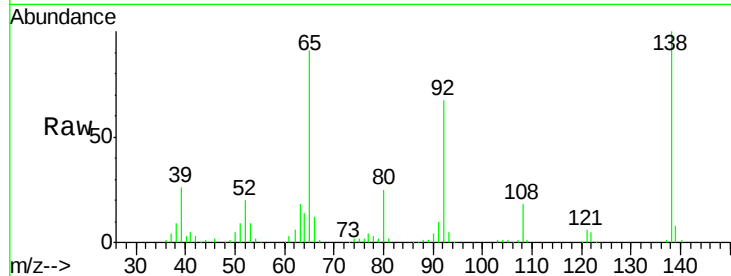




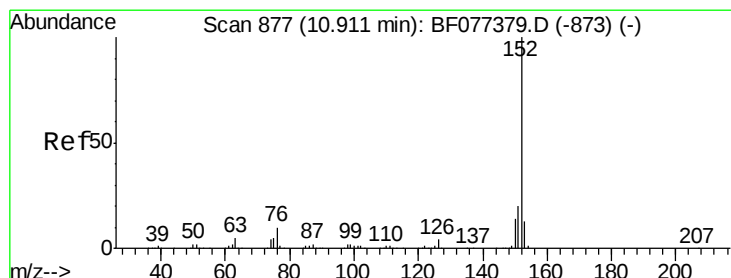
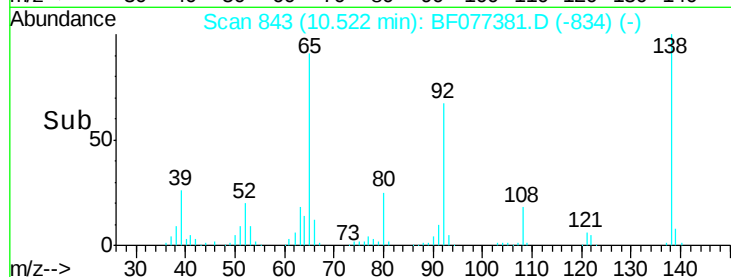
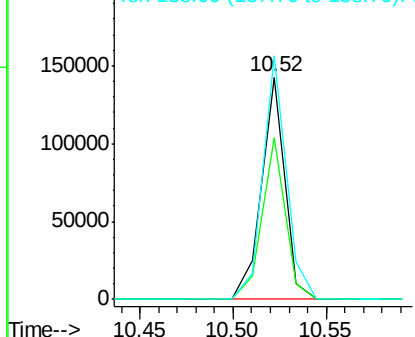
#47
2-Nitroaniline
Concen: 45.97 ng
RT: 10.52 min Scan# 843
Delta R.T. -0.00 min
Lab File: BF077381.D
Acq: 20 Feb 2015 14:55

Instrument :
BNA_F
ClientSampleId :
PB81784BS

Tgt Ion: 65 Resp: 122040
Ion Ratio Lower Upper
65 100
92 73.0 52.4 78.6
138 109.6 73.4 110.0

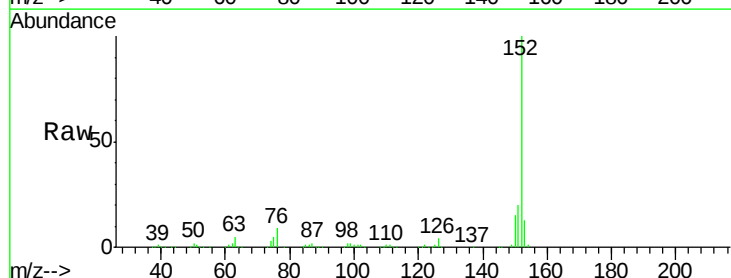


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

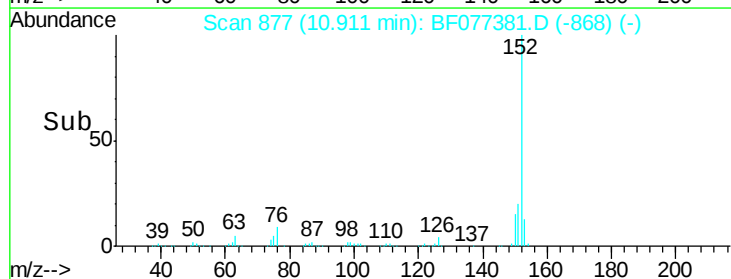
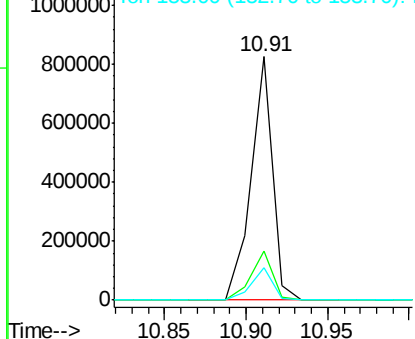


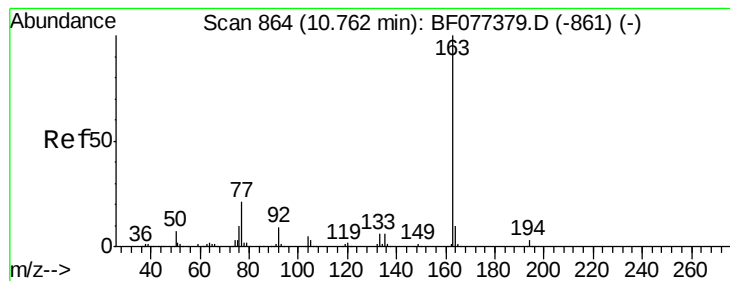
#48
Acenaphthylene
Concen: 44.13 ng
RT: 10.91 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF077381.D
Acq: 20 Feb 2015 14:55

Tgt Ion: 152 Resp: 753587
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 13.4 10.9 16.3



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





#49

Dimethylphthalate

Concen: 44.47 ng

RT: 10.76 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF077381.D

Acq: 20 Feb 2015 14:55

Instrument :

BNA_F

ClientSampleId :

PB81784BS

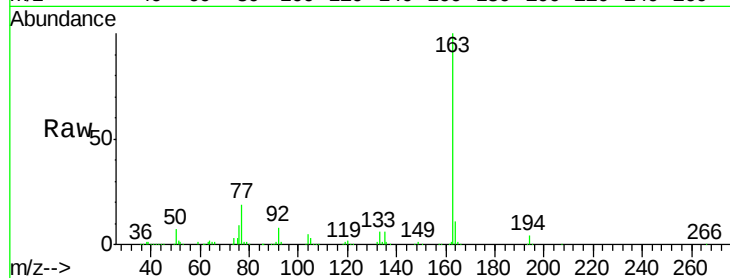
Tgt Ion:163 Resp: 567473

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

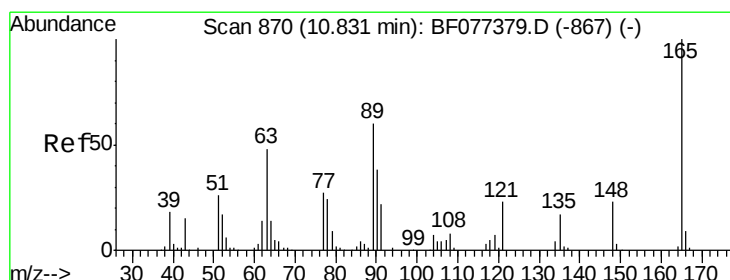
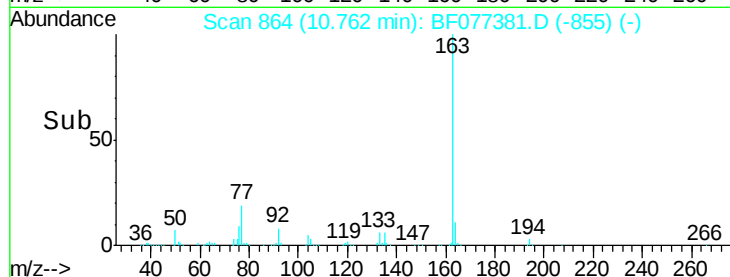
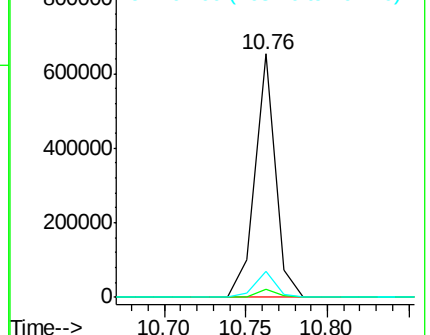
164 10.6 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 45.46 ng

RT: 10.83 min Scan# 870

Delta R.T. -0.00 min

Lab File: BF077381.D

Acq: 20 Feb 2015 14:55

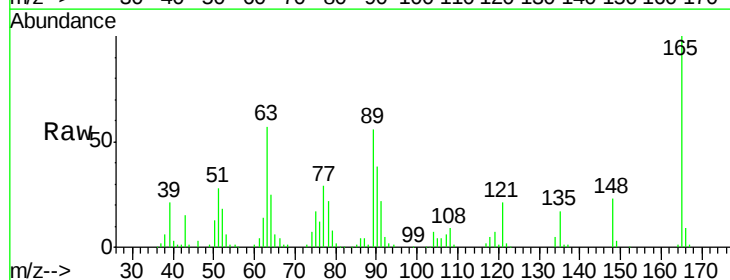
Tgt Ion:165 Resp: 116330

Ion Ratio Lower Upper

165 100

63 56.6 25.2 37.8#

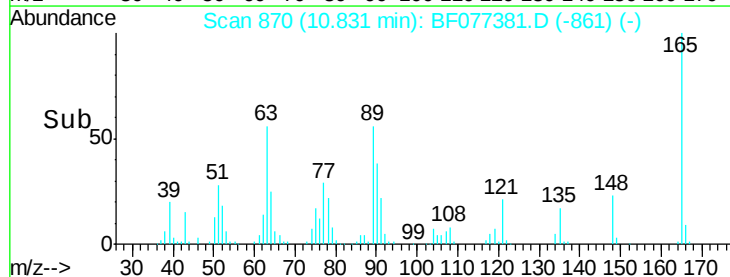
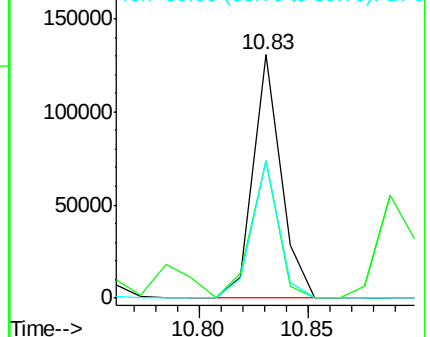
89 56.4 30.5 45.7#

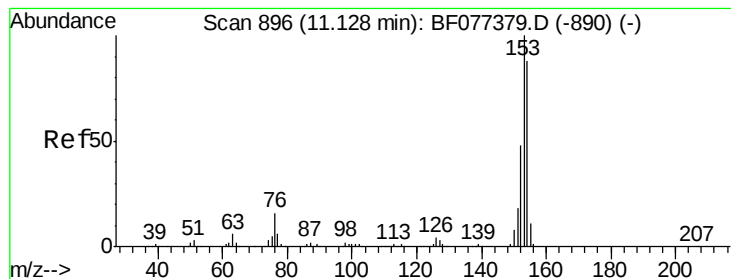


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.94 ng

RT: 11.13 min Scan# 896

Delta R.T. -0.00 min

Lab File: BF077381.D

Acq: 20 Feb 2015 14:55

Instrument :

BNA_F

ClientSampleId :

PB81784BS

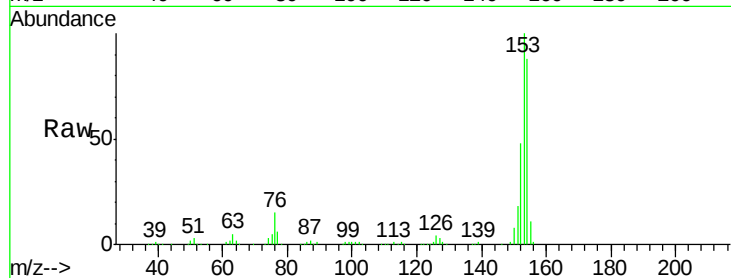
Tgt Ion:154 Resp: 427316

Ion Ratio Lower Upper

154 100

153 114.0 90.5 135.7

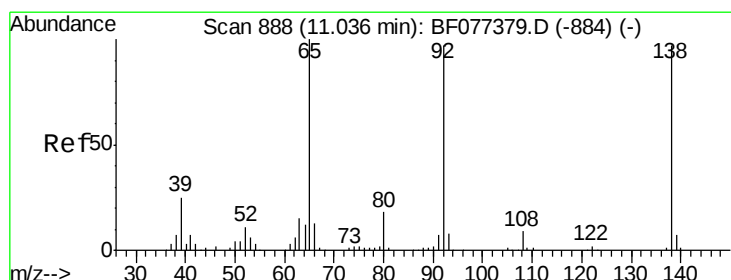
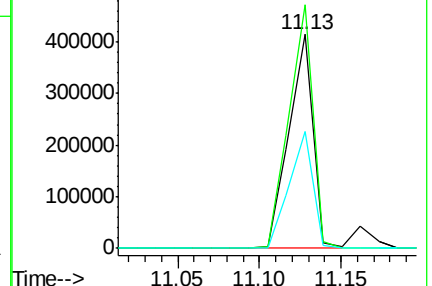
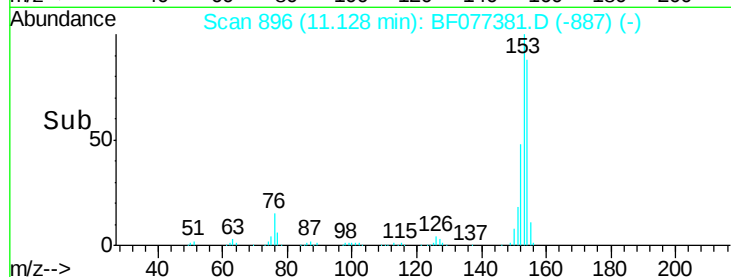
152 55.0 43.5 65.3



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: 15.36 ng

RT: 11.02 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF077381.D

Acq: 20 Feb 2015 14:55

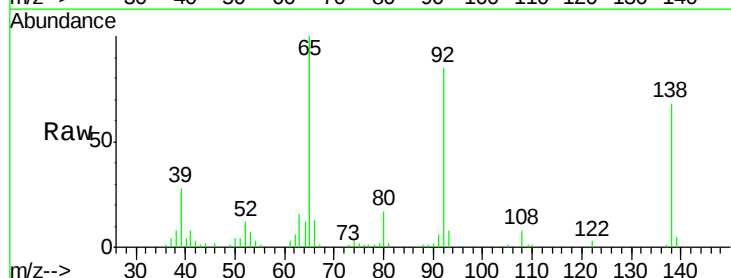
Tgt Ion:138 Resp: 45324

Ion Ratio Lower Upper

138 100

108 11.5 7.8 11.8

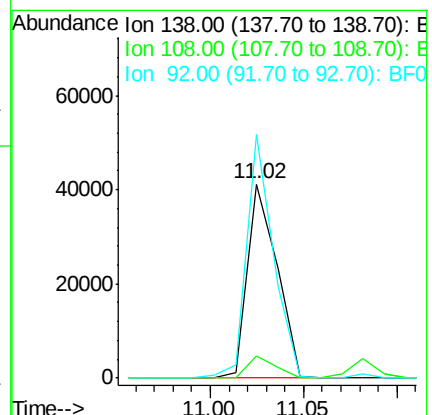
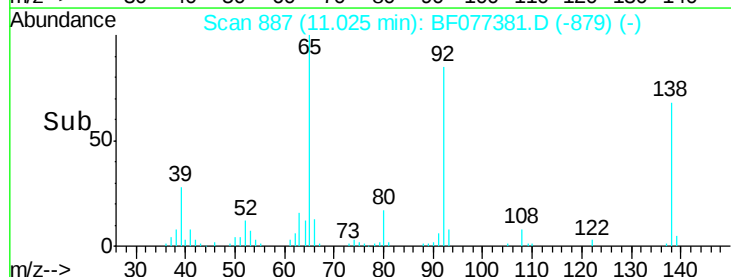
92 125.5 90.6 135.8

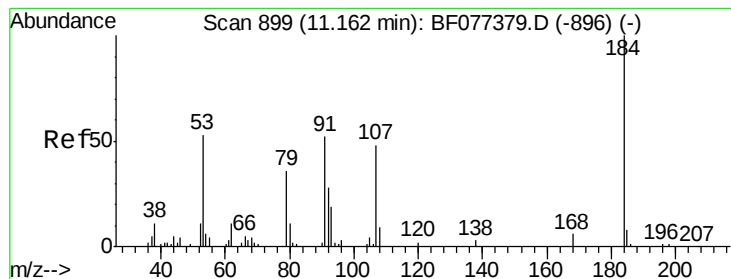


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 92.07 ng

RT: 11.16 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF077381.D

Acq: 20 Feb 2015 14:55

Instrument :

BNA_F

ClientSampleId :

PB81784BS

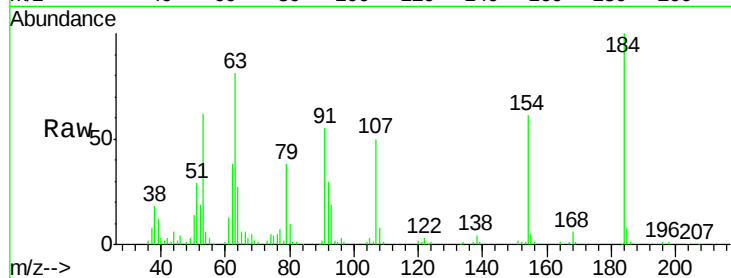
Tgt Ion:184 Resp: 71688

Ion Ratio Lower Upper

184 100

63 81.3 29.5 44.3#

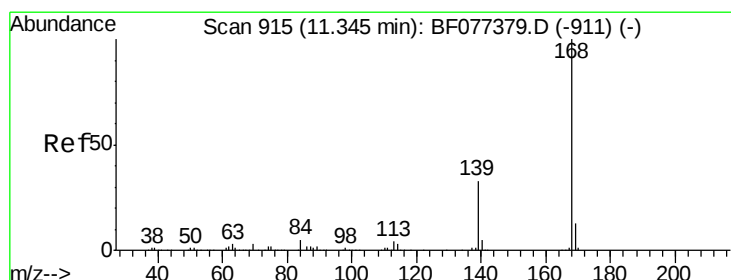
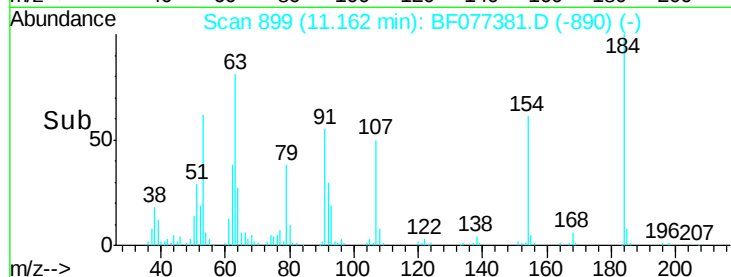
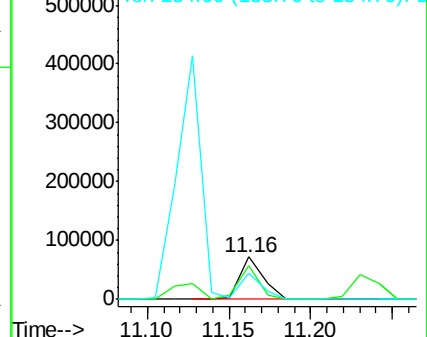
154 61.0 43.2 64.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 42.28 ng

RT: 11.34 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF077381.D

Acq: 20 Feb 2015 14:55

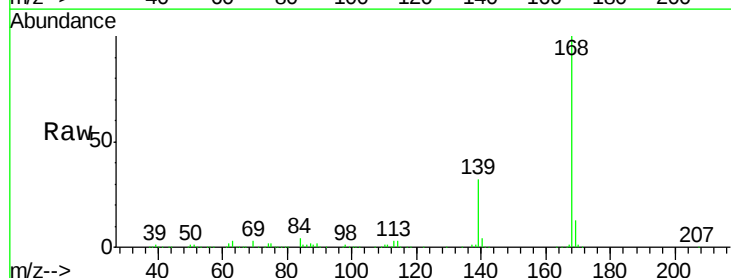
Tgt Ion:168 Resp: 665164

Ion Ratio Lower Upper

168 100

139 32.5 29.3 43.9

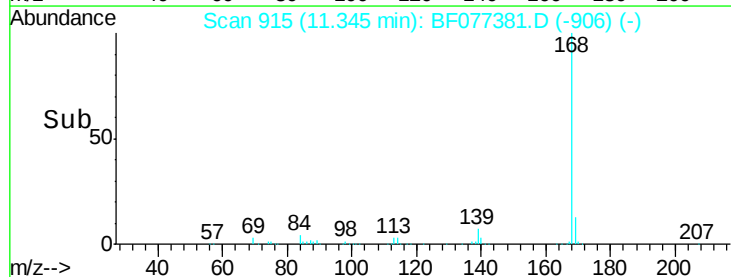
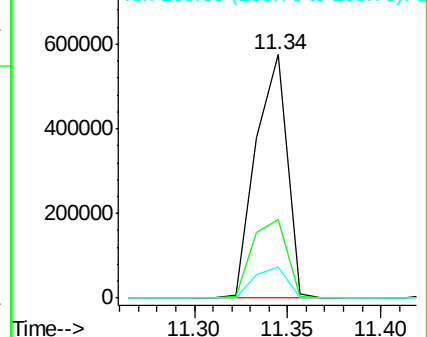
169 12.9 10.9 16.3

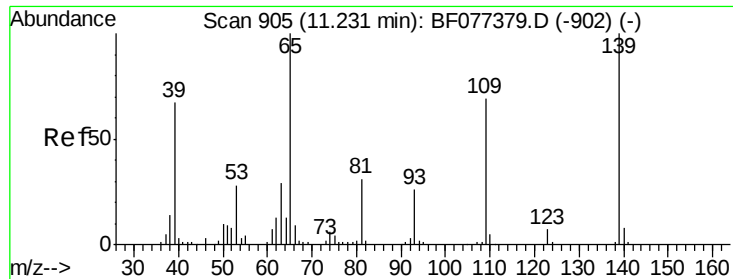


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

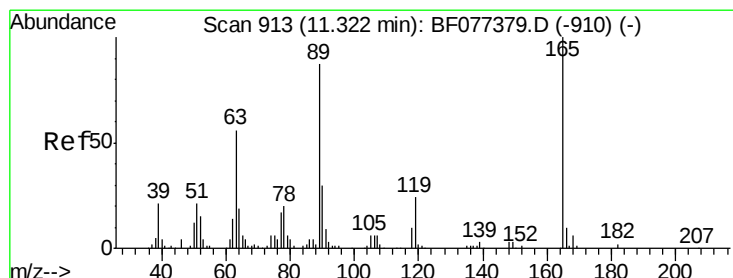
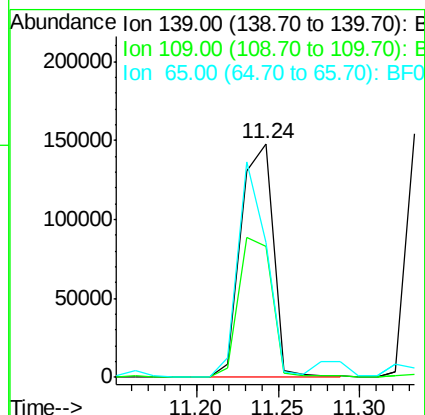
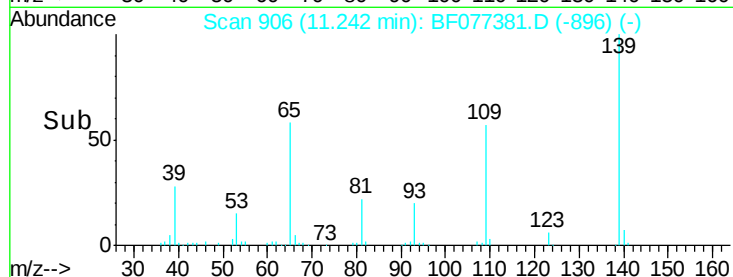
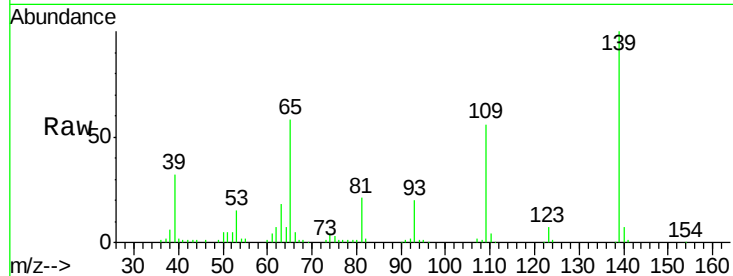




#55
4-Nitrophenol
Concen: 85.12 ng
RT: 11.24 min Scan# 906
Delta R.T. 0.01 min
Lab File: BF077381.D
Acq: 20 Feb 2015 14:55

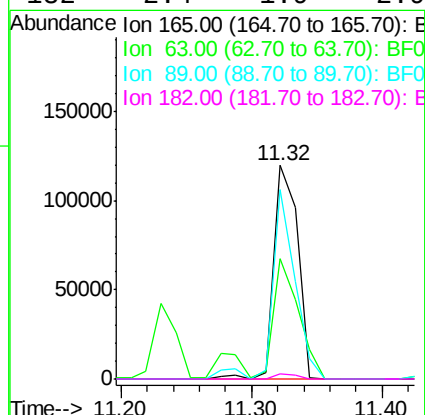
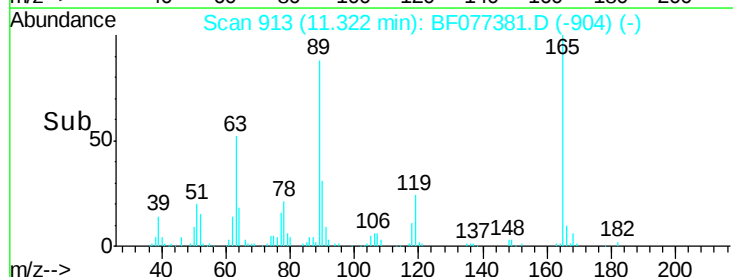
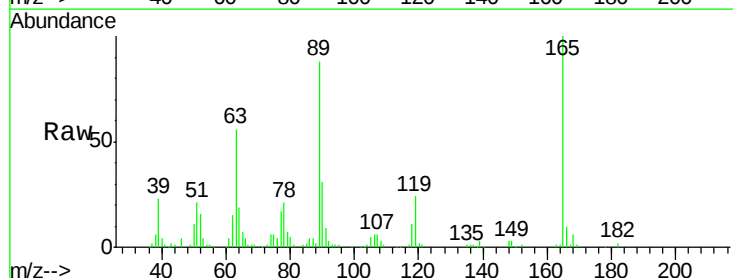
Instrument :
BNA_F
ClientSampleId :
PB81784BS

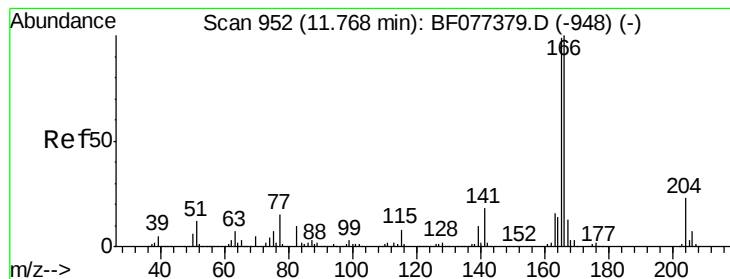
Tgt Ion:139 Resp: 201996
Ion Ratio Lower Upper
139 100
109 56.1 36.2 76.2
65 57.7 40.3 80.3



#56
2,4-Dinitrotoluene
Concen: 44.34 ng
RT: 11.32 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF077381.D
Acq: 20 Feb 2015 14:55

Tgt Ion:165 Resp: 153322
Ion Ratio Lower Upper
165 100
63 56.1 29.8 44.8#
89 88.5 48.5 72.7#
182 2.4 1.9 2.9





#57

Fluorene

Concen: 44.03 ng

RT: 11.77 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF077381.D

Acq: 20 Feb 2015 14:55

Instrument :

BNA_F

ClientSampleId :

PB81784BS

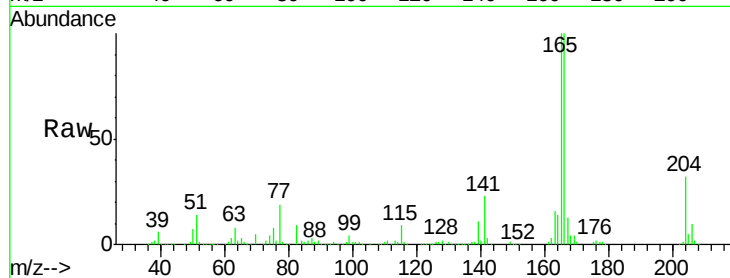
Tgt Ion:166 Resp: 553788

Ion Ratio Lower Upper

166 100

165 99.5 77.6 116.4

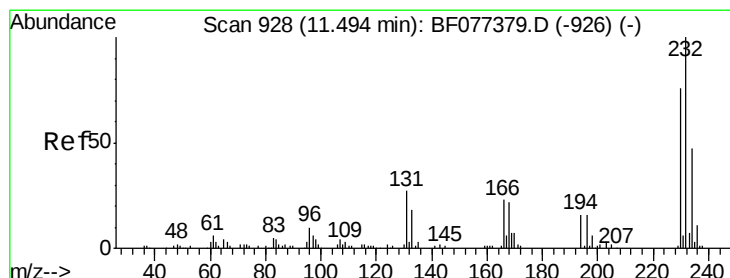
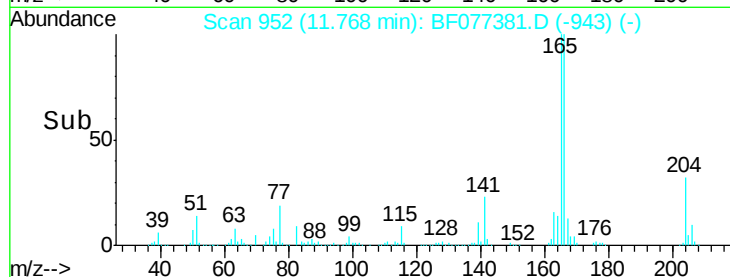
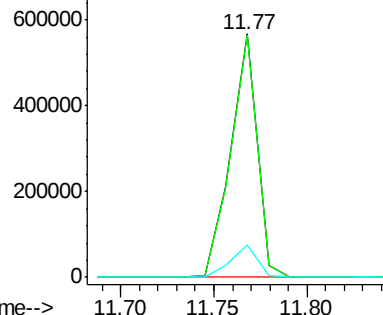
167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.76 ng

RT: 11.49 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF077381.D

Acq: 20 Feb 2015 14:55

Tgt Ion:232 Resp: 129770

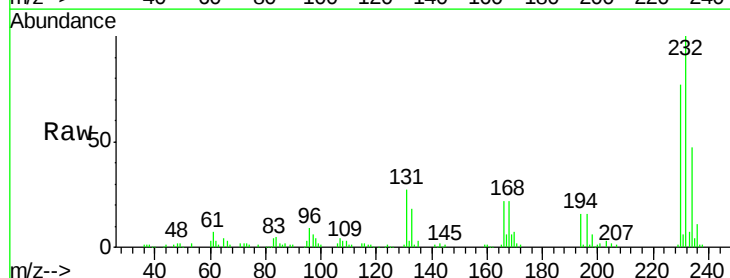
Ion Ratio Lower Upper

232 100

131 44.8 34.2 51.2

130 2.0 1.8 2.6

166 32.0 24.3 36.5

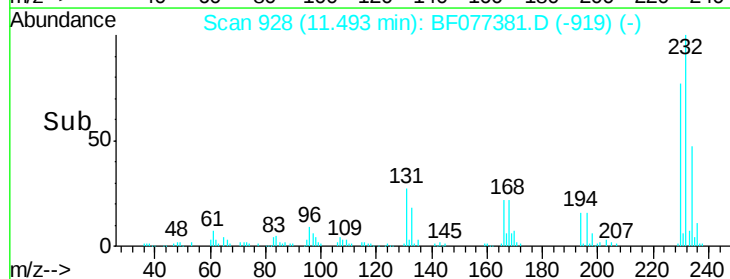
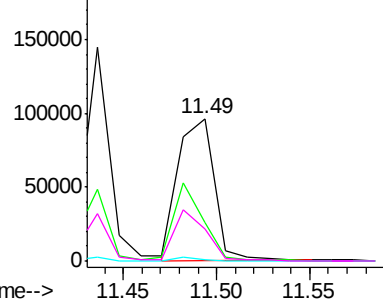


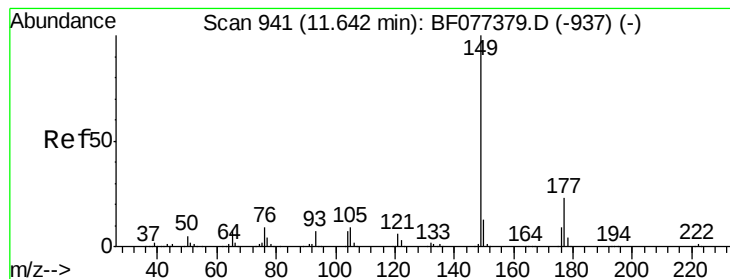
Abundance Ion 232.00 (231.70 to 232.70): E

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: 45.58 ng

RT: 11.64 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF077381.D

Acq: 20 Feb 2015 14:55

Instrument :

BNA_F

ClientSampleId :

PB81784BS

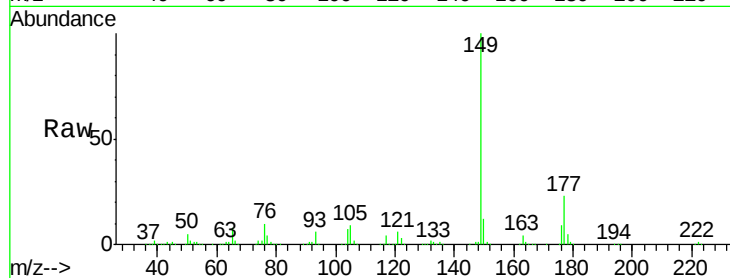
Tgt Ion:149 Resp: 573388

Ion Ratio Lower Upper

149 100

177 22.5 17.2 25.8

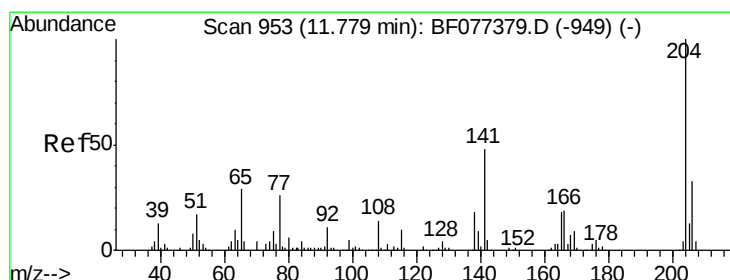
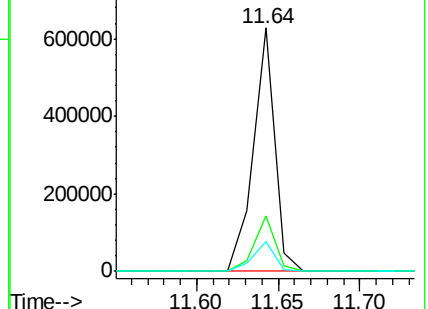
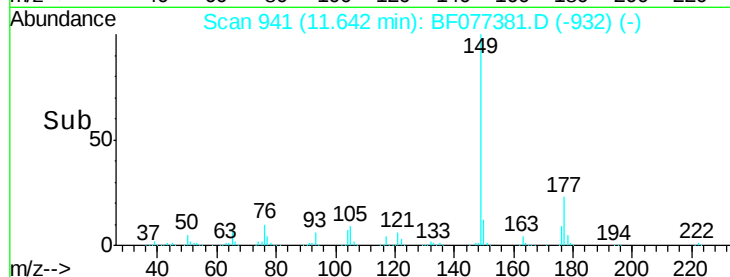
150 12.4 10.5 15.7



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: 42.87 ng

RT: 11.78 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF077381.D

Acq: 20 Feb 2015 14:55

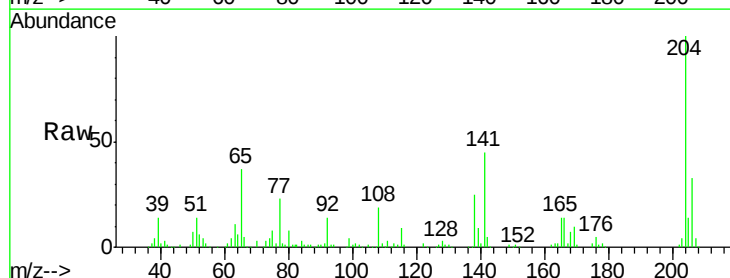
Tgt Ion:204 Resp: 259821

Ion Ratio Lower Upper

204 100

206 33.1 25.9 38.9

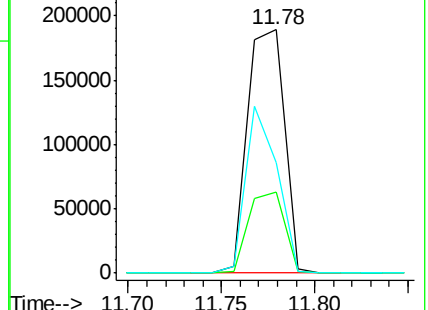
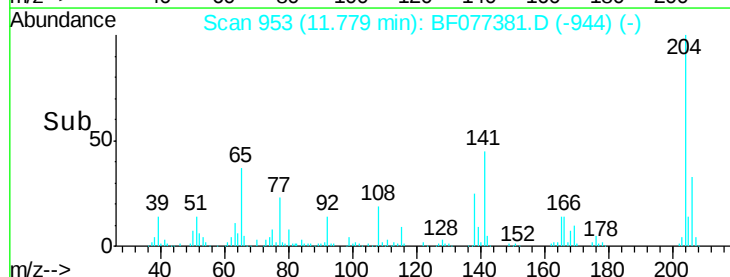
141 45.3 43.6 65.4

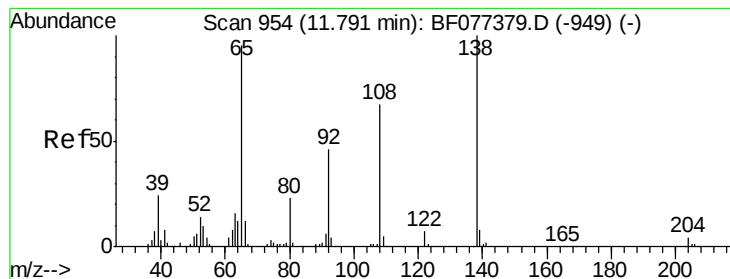


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.66 ng

RT: 11.79 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF077381.D

Acq: 20 Feb 2015 14:55

Instrument :

BNA_F

ClientSampleId :

PB81784BS

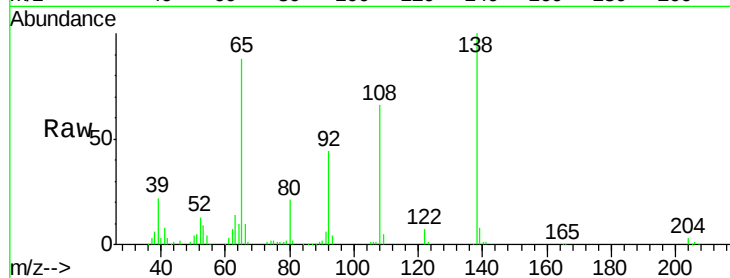
Tgt Ion:138 Resp: 114985

Ion Ratio Lower Upper

138 100

92 43.7 32.8 72.8

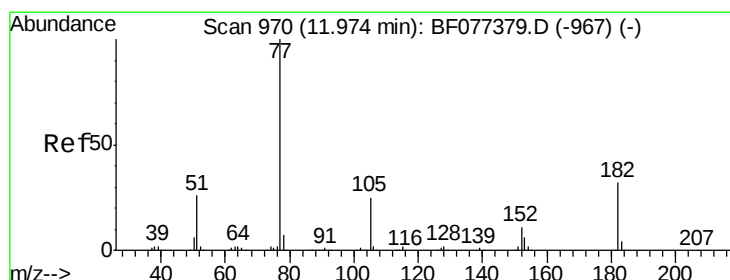
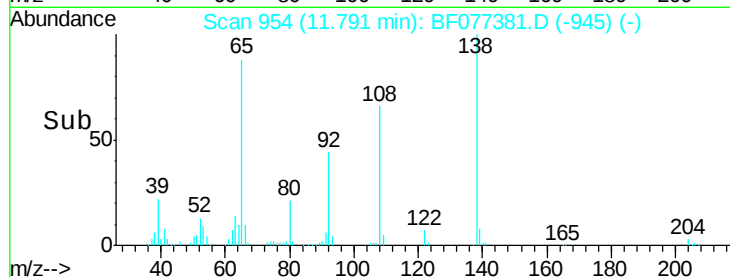
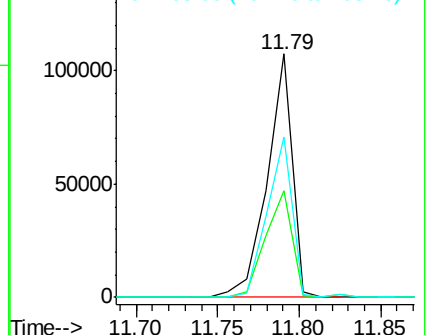
108 66.1 52.1 92.1



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: 43.54 ng

RT: 11.97 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF077381.D

Acq: 20 Feb 2015 14:55

Tgt Ion: 77 Resp: 519614

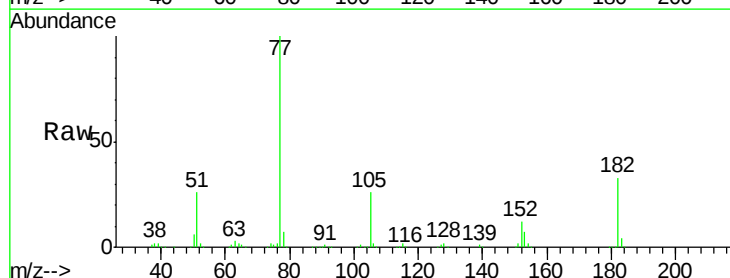
Ion Ratio Lower Upper

77 100

182 33.0 4.9 44.9

105 25.6 3.3 43.3

51 26.3 8.9 48.9

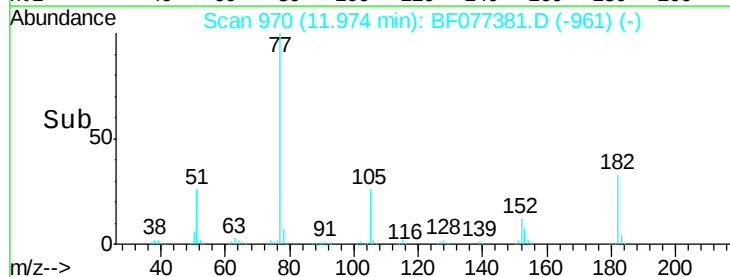
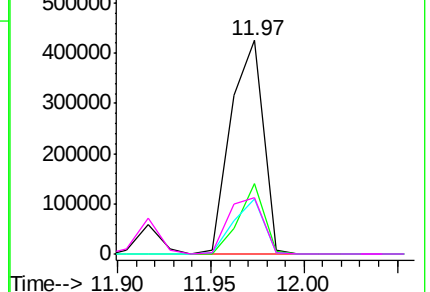


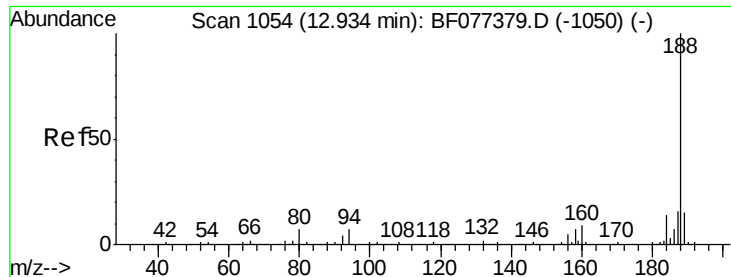
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

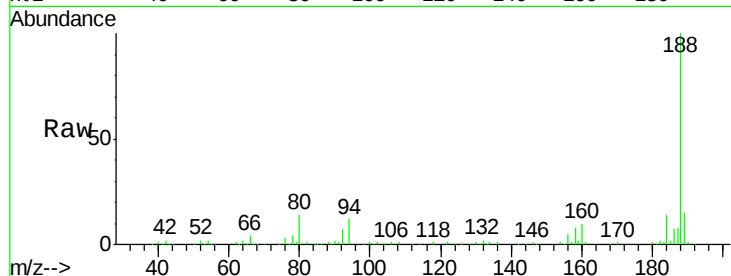




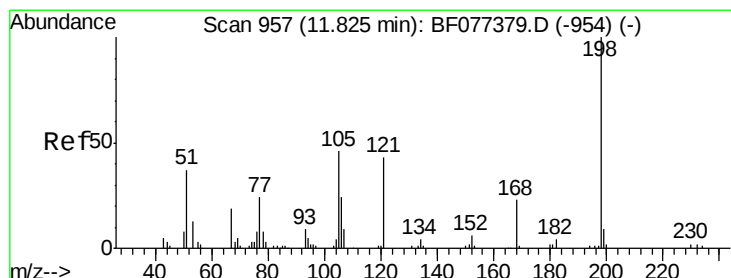
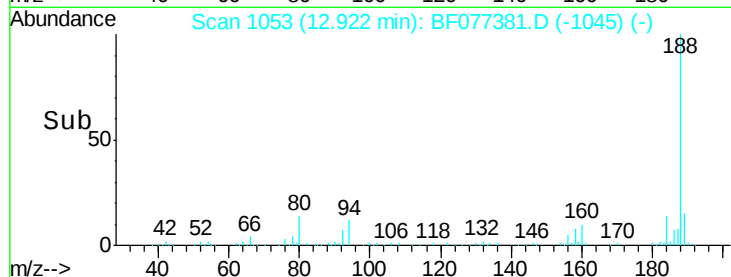
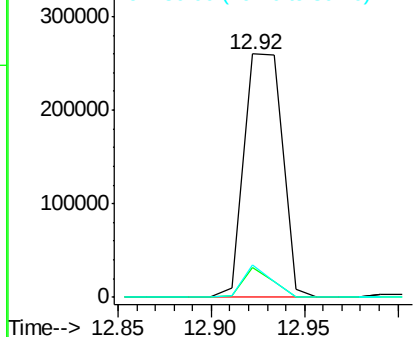
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.92 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF077381.D
Acq: 20 Feb 2015 14:55

Instrument :
BNA_F
ClientSampleId :
PB81784BS

Tgt Ion:188 Resp: 368168
Ion Ratio Lower Upper
188 100
94 12.2 7.4 11.2#
80 13.5 8.0 12.0#

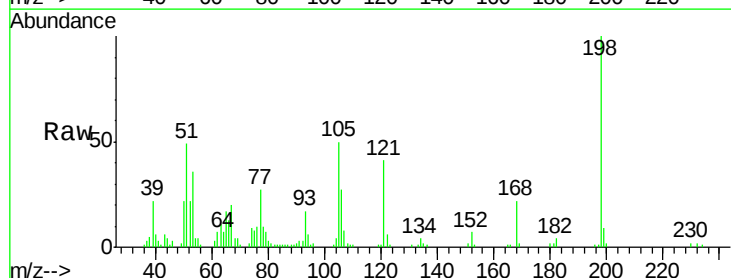


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

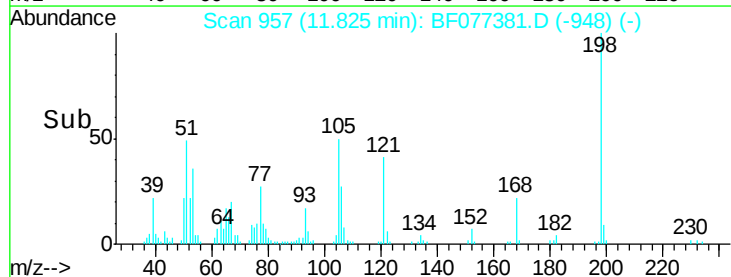
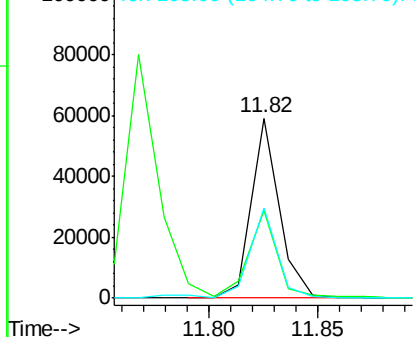


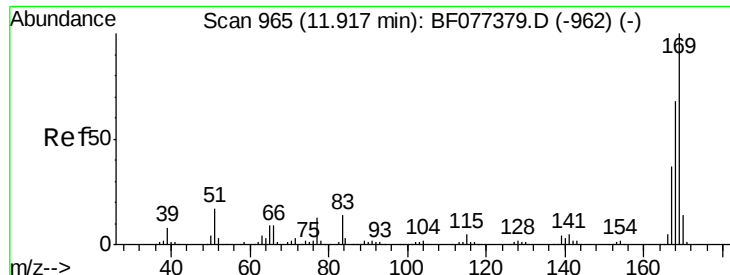
#64
4,6-Dinitro-2-methylphenol
Concen: 36.99 ng
RT: 11.82 min Scan# 957
Delta R.T. -0.00 min
Lab File: BF077381.D
Acq: 20 Feb 2015 14:55

Tgt Ion:198 Resp: 52978
Ion Ratio Lower Upper
198 100
51 48.6 2.7 42.7#
105 50.3 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

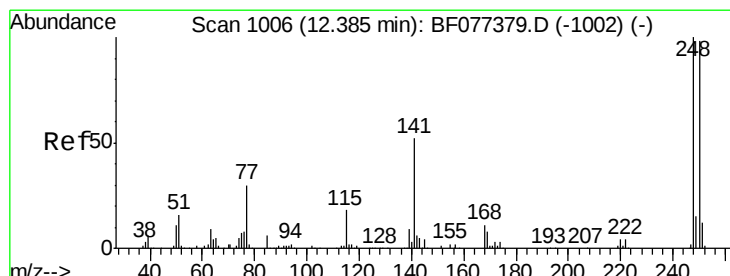
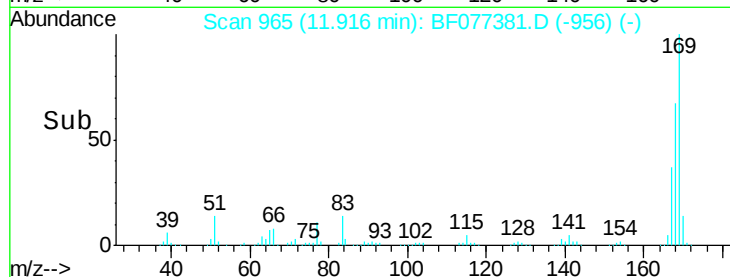
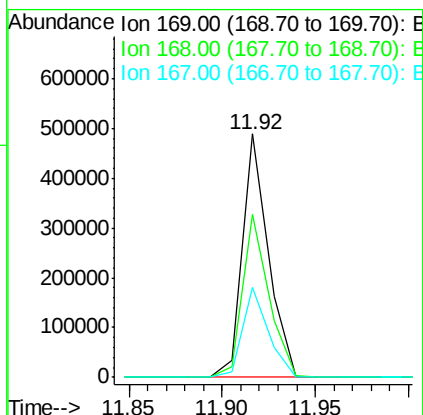
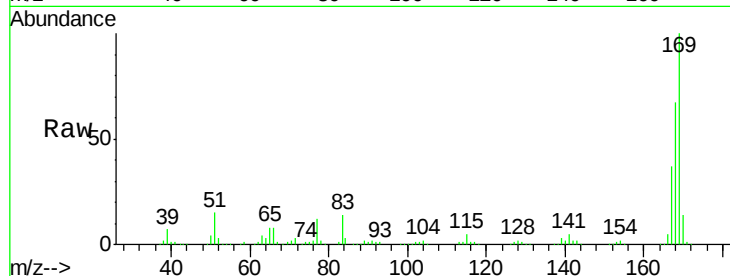




#65
n-Nitrosodiphenylamine
Concen: 38.65 ng
RT: 11.92 min Scan# 965
Delta R.T. -0.00 min
Lab File: BF077381.D
Acq: 20 Feb 2015 14:55

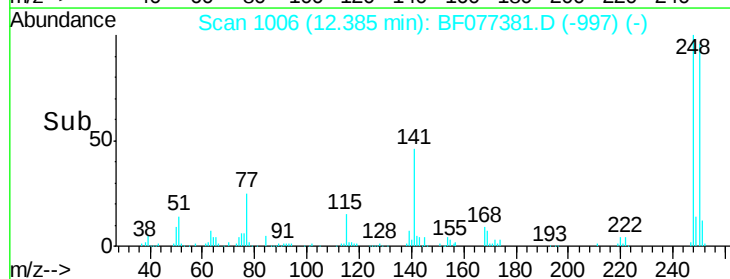
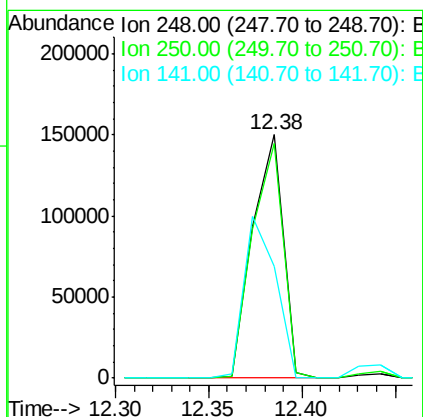
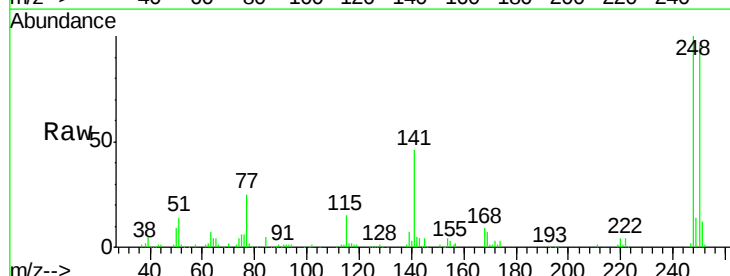
Instrument :
BNA_F
ClientSampleId :
PB81784BS

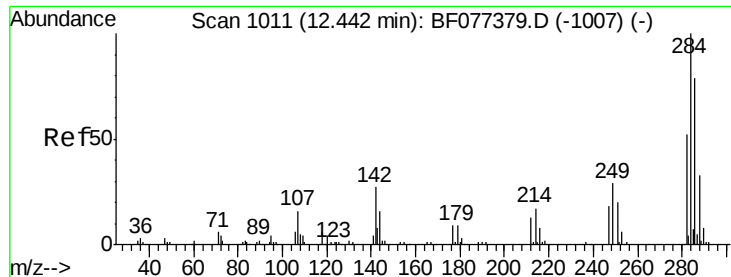
Tgt Ion:169 Resp: 472164
Ion Ratio Lower Upper
169 100
168 67.1 53.0 79.6
167 36.9 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 39.45 ng
RT: 12.38 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF077381.D
Acq: 20 Feb 2015 14:55

Tgt Ion:248 Resp: 170080
Ion Ratio Lower Upper
248 100
250 96.3 78.0 117.0
141 46.0 54.1 81.1#





#67

Hexachlorobenzene

Concen: 39.81 ng

RT: 12.44 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF077381.D

Acq: 20 Feb 2015 14:55

Instrument :

BNA_F

ClientSampleId :

PB81784BS

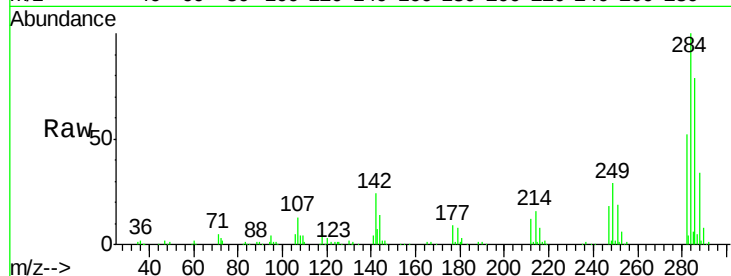
Tgt Ion:284 Resp: 184241

Ion Ratio Lower Upper

284 100

142 24.5 31.6 47.4#

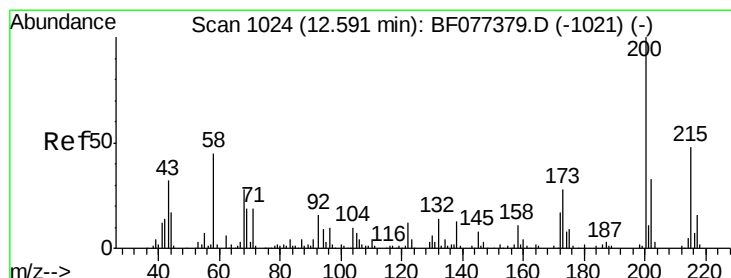
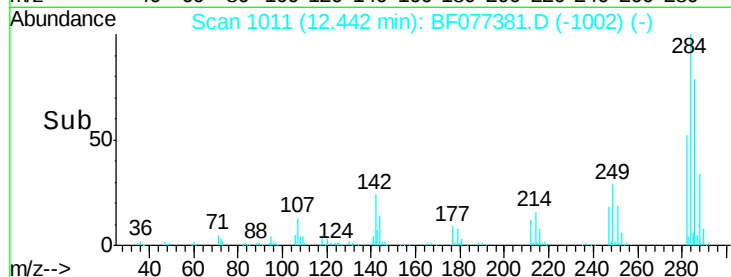
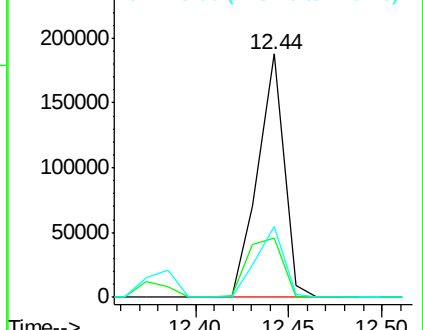
249 28.9 27.0 40.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.76 ng

RT: 12.59 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF077381.D

Acq: 20 Feb 2015 14:55

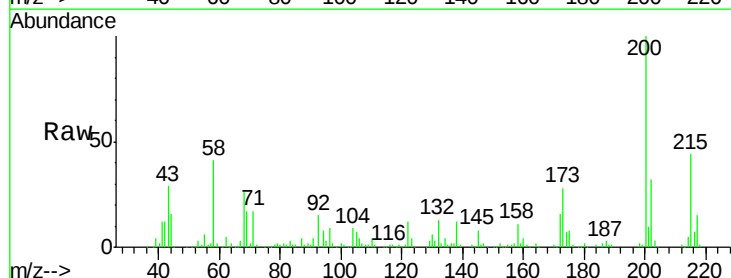
Tgt Ion:200 Resp: 165842

Ion Ratio Lower Upper

200 100

173 28.0 9.6 49.6

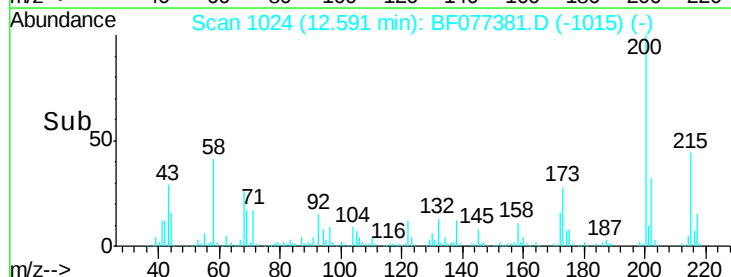
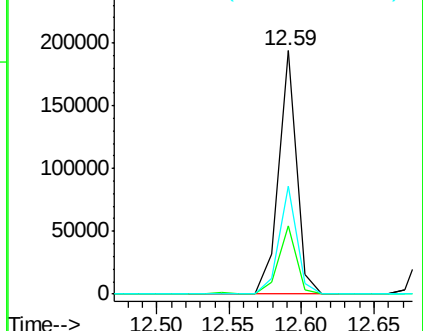
215 44.3 24.4 64.4

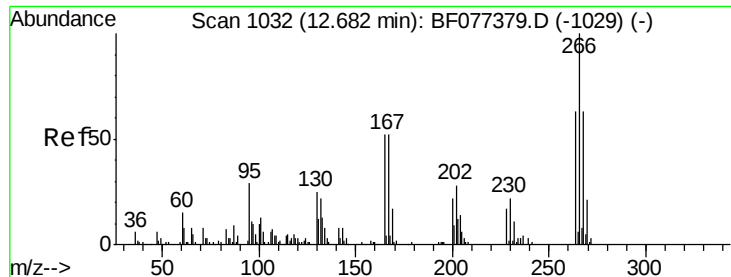


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

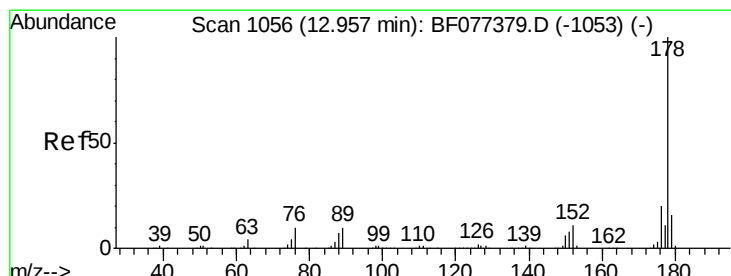
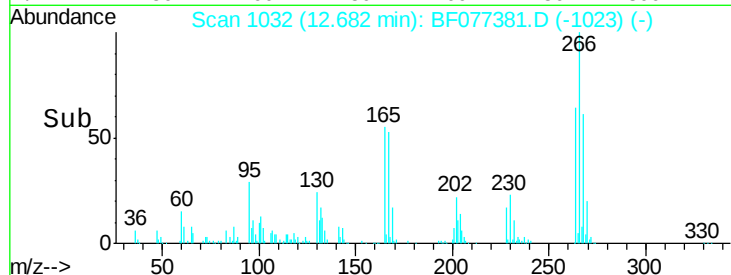
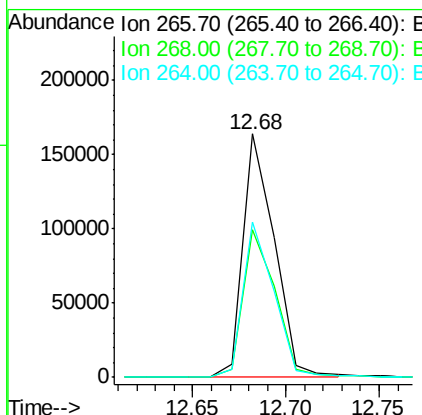
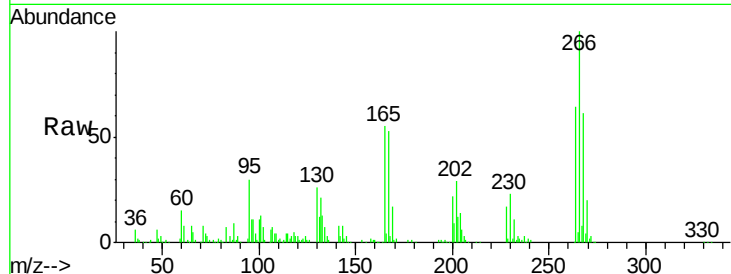




#69
 Pentachlorophenol
 Concen: 78.94 ng
 RT: 12.68 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BF077381.D
 Acq: 20 Feb 2015 14:55

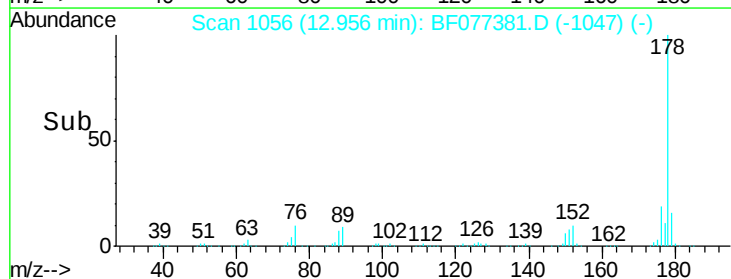
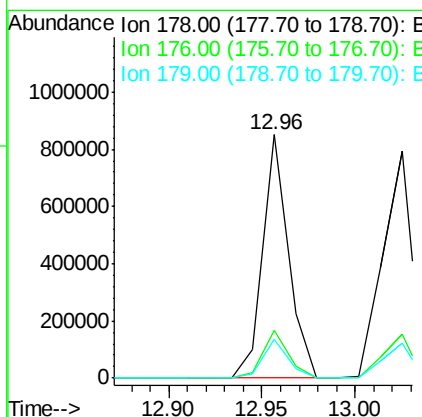
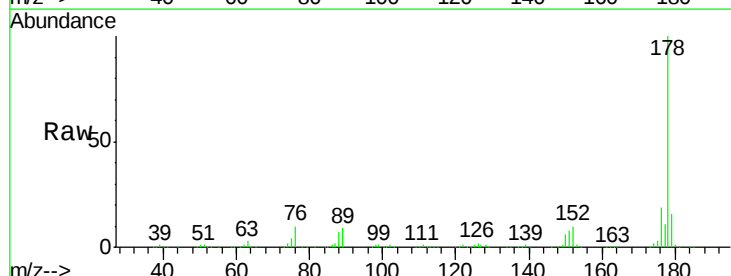
Instrument :
 BNA_F
 ClientSampleId :
 PB81784BS

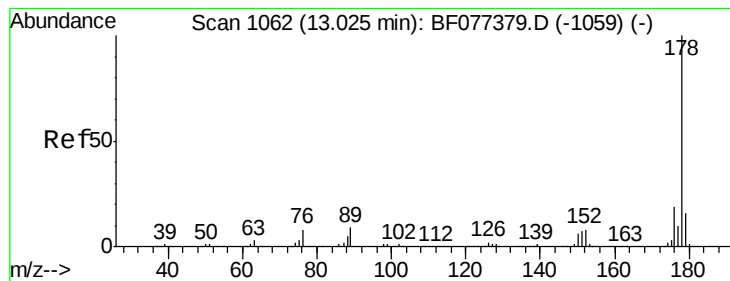
Tgt Ion: 266 Resp: 191999
 Ion Ratio Lower Upper
 266 100
 268 60.7 51.2 76.8
 264 63.9 50.7 76.1



#70
 Phenanthrene
 Concen: 38.03 ng
 RT: 12.96 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: BF077381.D
 Acq: 20 Feb 2015 14:55

Tgt Ion: 178 Resp: 811463
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.5 23.3
 179 16.2 12.2 18.2





#71

Anthracene

Concen: 39.49 ng

RT: 13.03 min Scan# 1062

Delta R.T. -0.00 min

Lab File: BF077381.D

Acq: 20 Feb 2015 14:55

Instrument :

BNA_F

ClientSampleId :

PB81784BS

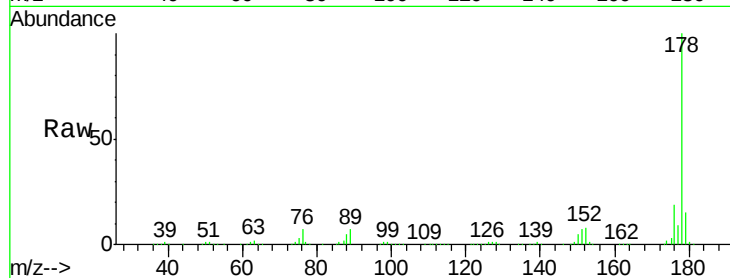
Tgt Ion:178 Resp: 836261

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

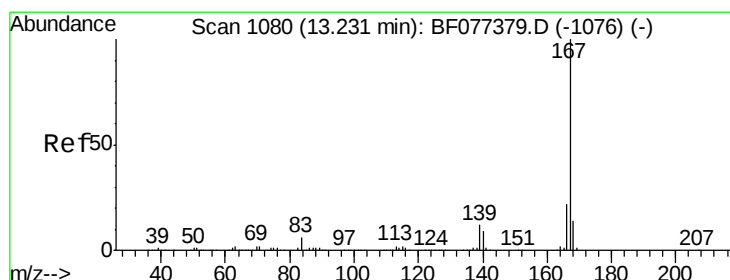
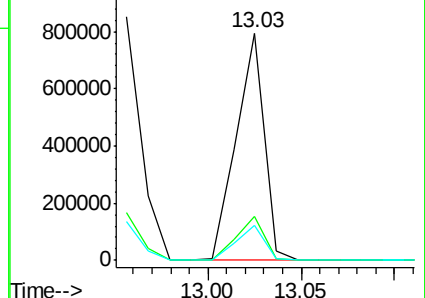
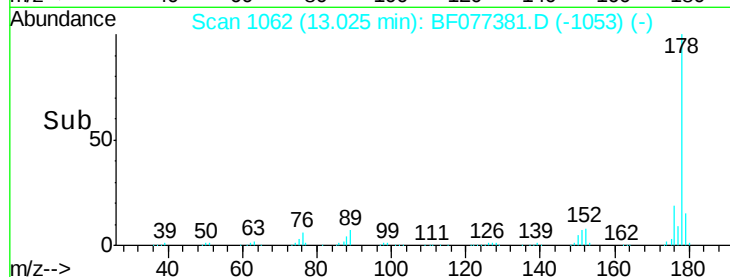
179 15.2 12.9 19.3



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: 37.55 ng

RT: 13.22 min Scan# 1079

Delta R.T. -0.01 min

Lab File: BF077381.D

Acq: 20 Feb 2015 14:55

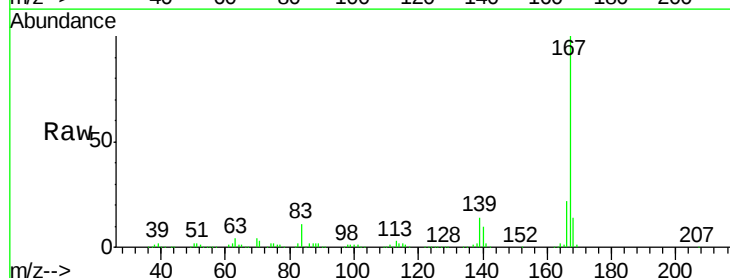
Tgt Ion:167 Resp: 755970

Ion Ratio Lower Upper

167 100

166 22.3 17.6 26.4

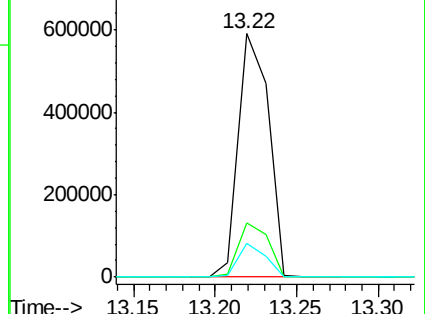
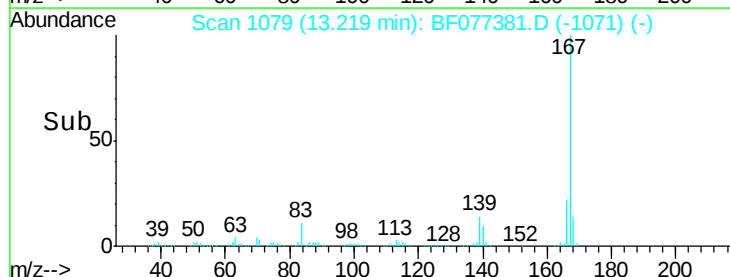
139 13.7 9.9 14.9

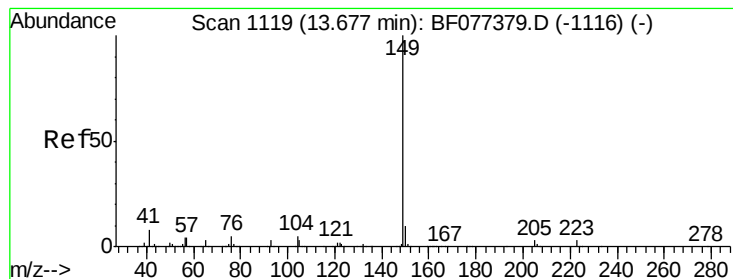


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.72 ng

RT: 13.68 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BF077381.D

Acq: 20 Feb 2015 14:55

Instrument :

BNA_F

ClientSampleId :

PB81784BS

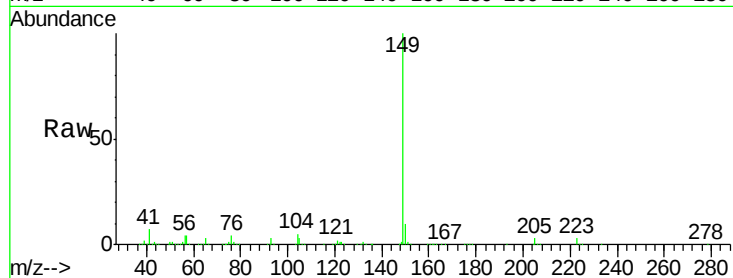
Tgt Ion:149 Resp: 962774

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.8

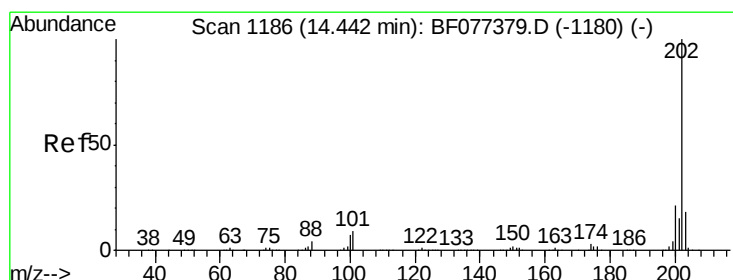
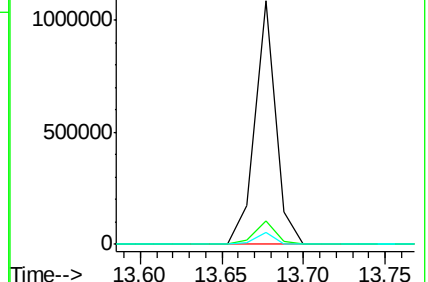
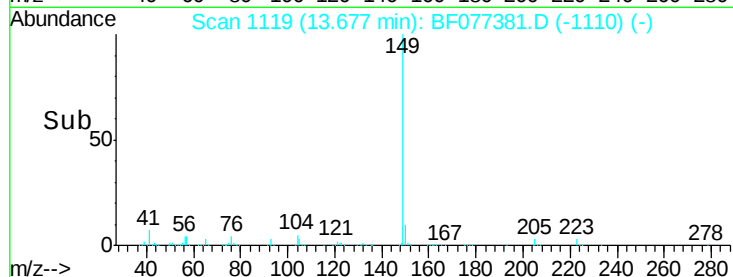
104 4.8 4.1 6.1



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: 38.54 ng

RT: 14.44 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BF077381.D

Acq: 20 Feb 2015 14:55

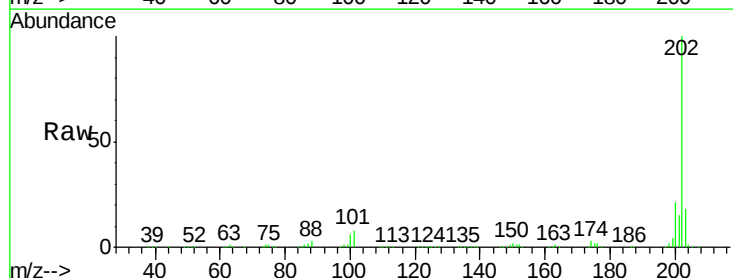
Tgt Ion:202 Resp: 898400

Ion Ratio Lower Upper

202 100

101 7.6 0.0 30.8

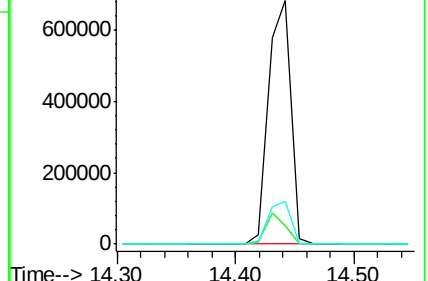
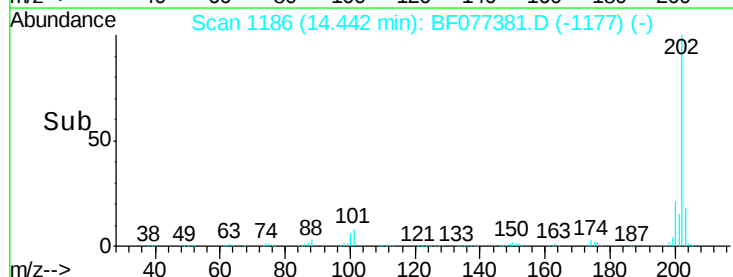
203 17.7 0.0 37.7

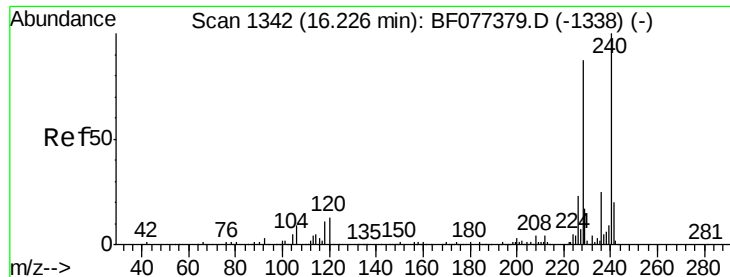


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

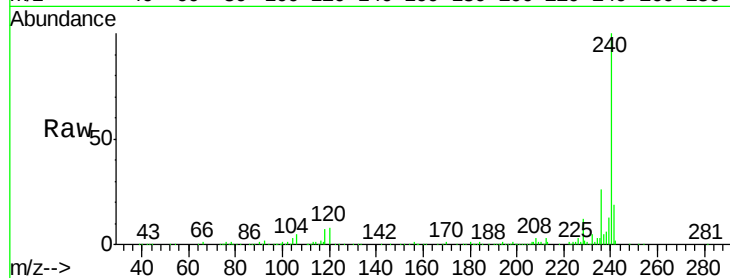




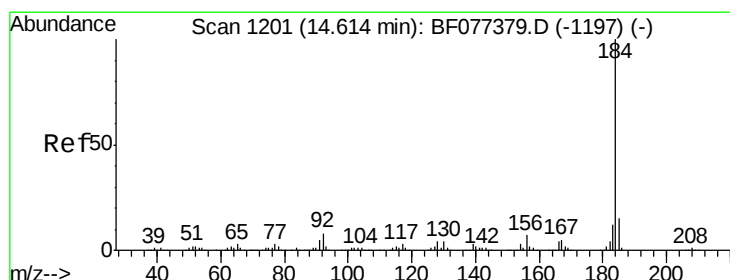
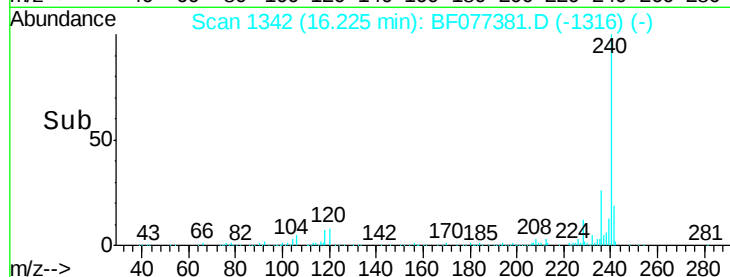
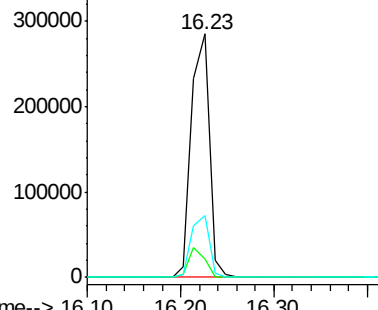
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.23 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF077381.D
Acq: 20 Feb 2015 14:55

Instrument :
BNA_F
ClientSampleId :
PB81784BS

Tgt Ion:240 Resp: 382003
Ion Ratio Lower Upper
240 100
120 7.5 8.8 13.2#
236 25.5 20.7 31.1

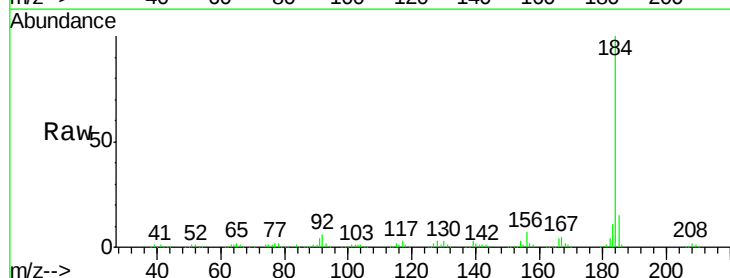


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

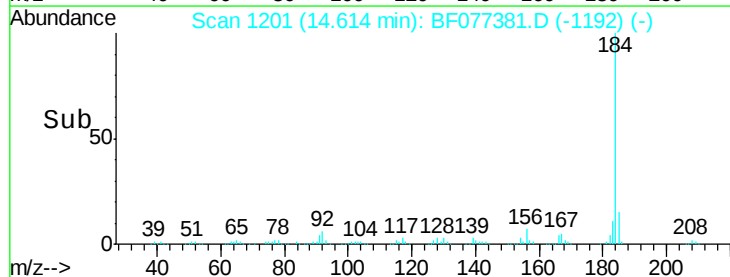
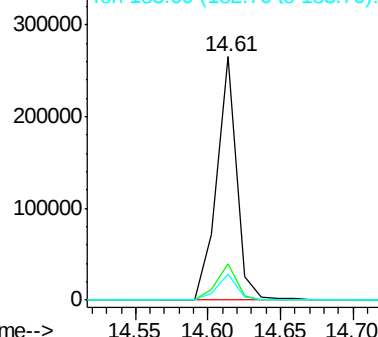


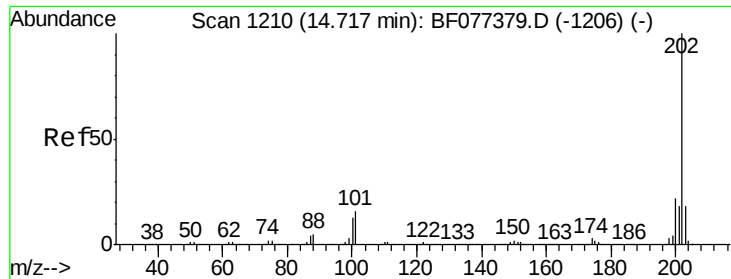
#76
Benzidine
Concen: 19.68 ng
RT: 14.61 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF077381.D
Acq: 20 Feb 2015 14:55

Tgt Ion:184 Resp: 253987
Ion Ratio Lower Upper
184 100
185 14.8 12.6 18.8
183 10.9 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

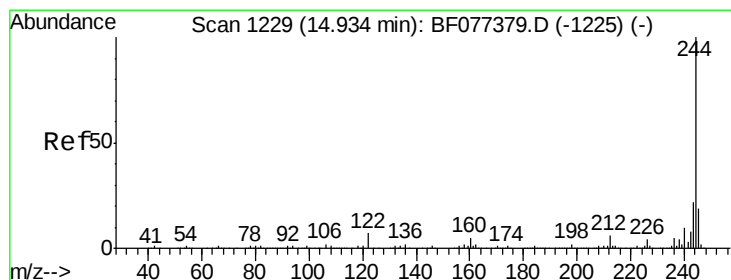
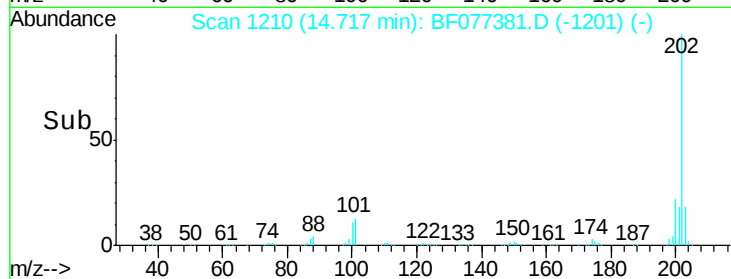
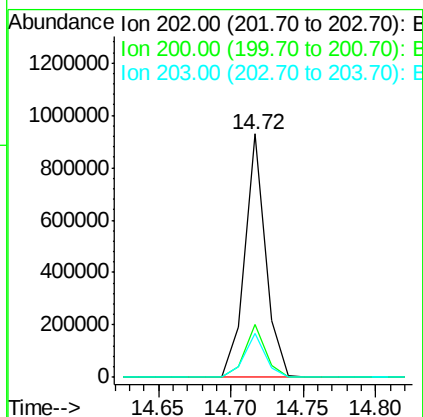
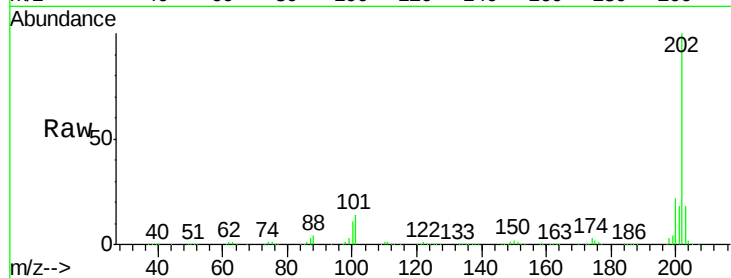




#77
 Pyrene
 Concen: 39.64 ng
 RT: 14.72 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF077381.D
 Acq: 20 Feb 2015 14:55

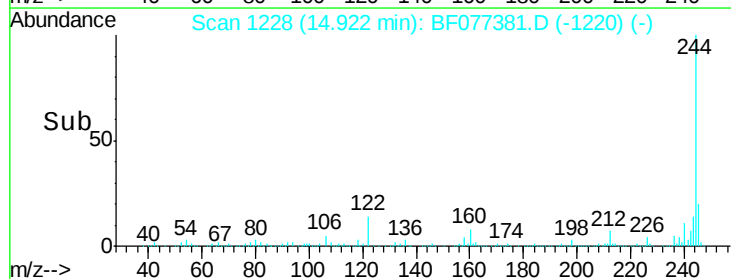
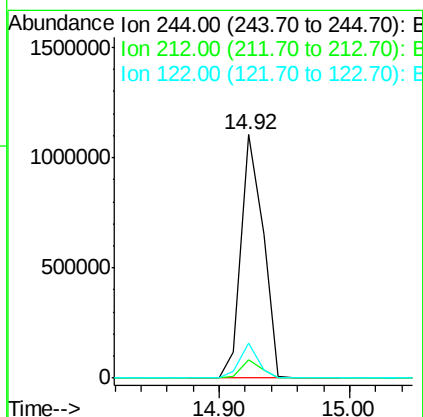
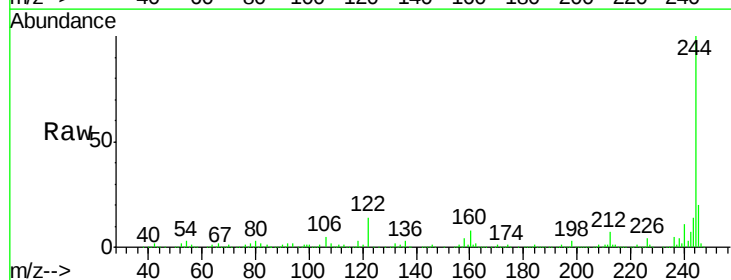
Instrument :
 BNA_F
 ClientSampleId :
 PB81784BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.1	25.7
203	18.1	14.2	21.2



#78
 Terphenyl-d14
 Concen: 79.26 ng
 RT: 14.92 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF077381.D
 Acq: 20 Feb 2015 14:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.2	7.8
122	14.2	7.8	11.8

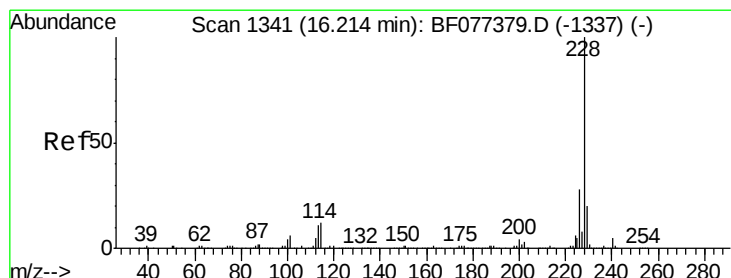
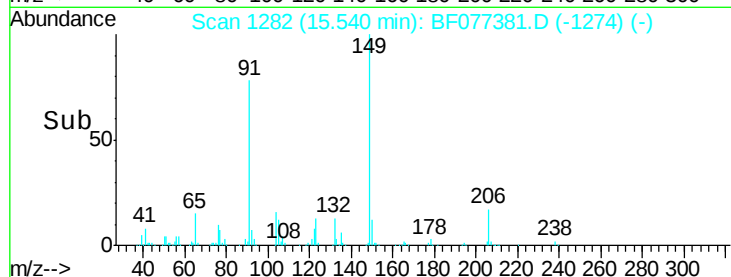
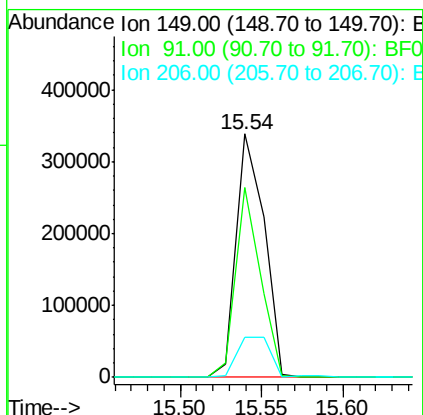
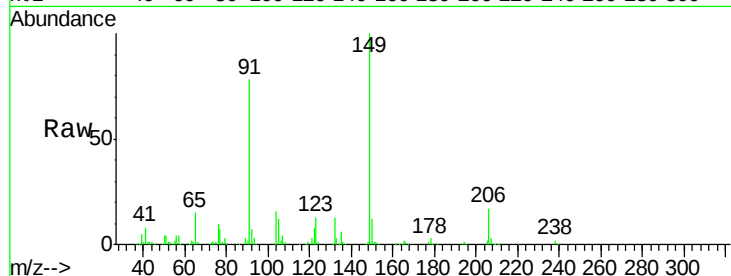




#79
Butylbenzylphthalate
Concen: 41.68 ng
RT: 15.54 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF077381.D
Acq: 20 Feb 2015 14:55

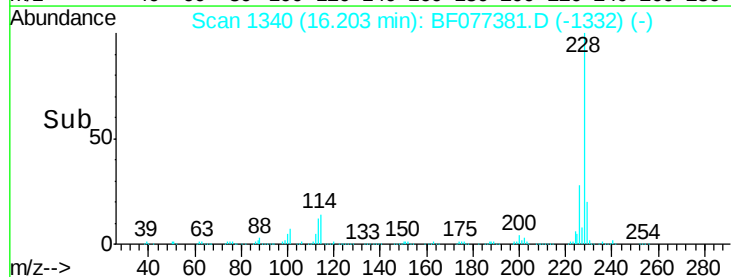
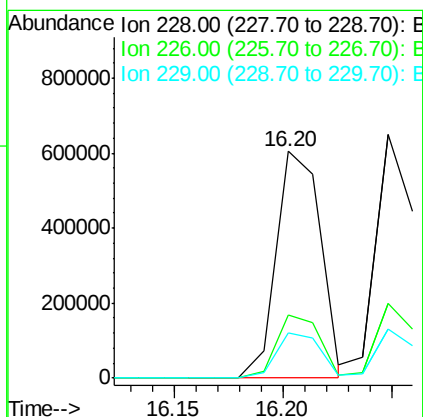
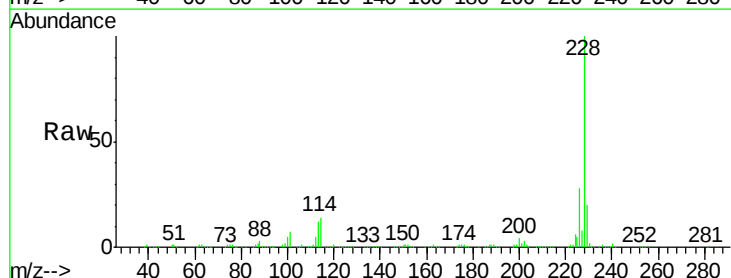
Instrument :
BNA_F
ClientSampleId :
PB81784BS

Tgt Ion:149 Resp: 400702
Ion Ratio Lower Upper
149 100
91 77.8 51.2 76.8#
206 16.6 17.8 26.8#



#80
Benzo(a)anthracene
Concen: 38.49 ng
RT: 16.20 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF077381.D
Acq: 20 Feb 2015 14:55

Tgt Ion:228 Resp: 861792
Ion Ratio Lower Upper
228 100
226 27.6 22.0 33.0
229 20.1 15.8 23.8

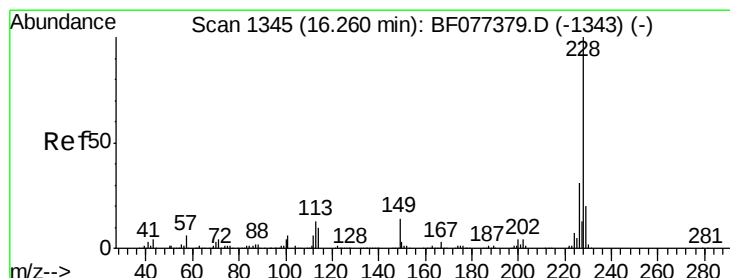
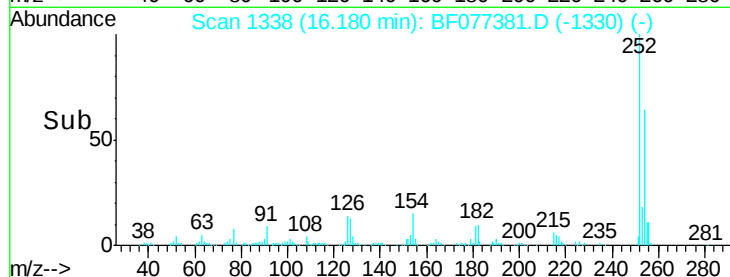
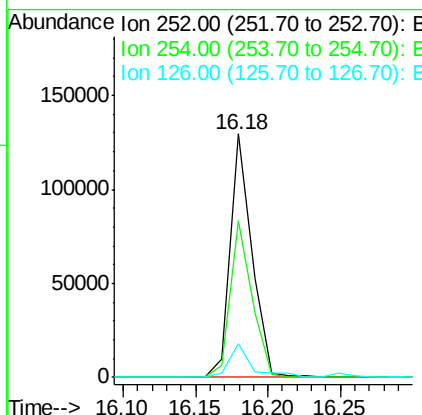
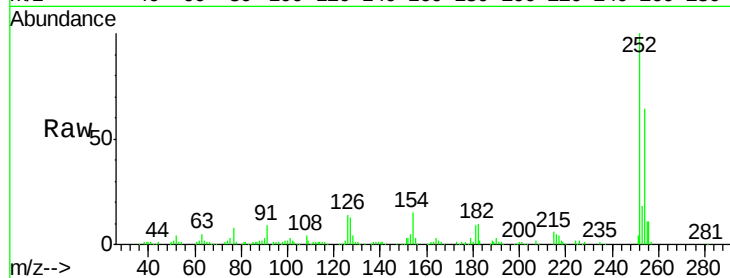




#81
 3,3'-Dichlorobenzidine
 Concen: 16.42 ng
 RT: 16.18 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF077381.D
 Acq: 20 Feb 2015 14:55

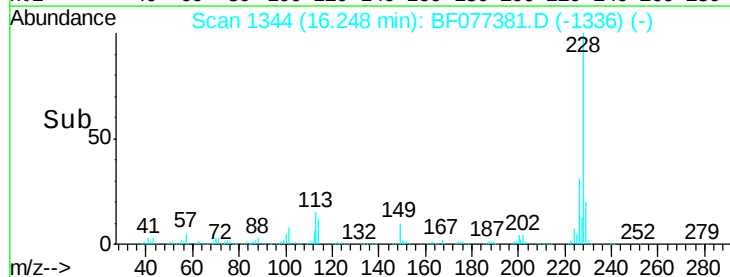
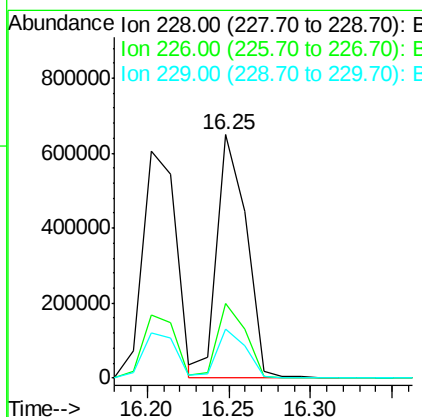
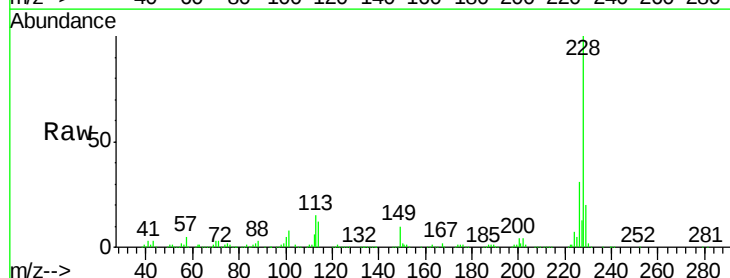
Instrument :
 BNA_F
 ClientSampleId :
 PB81784BS

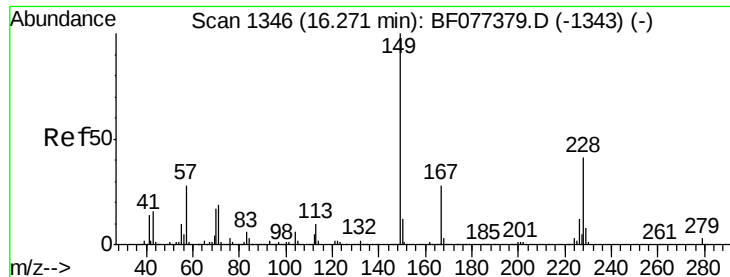
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.9	79.3
126	13.9	7.3	10.9



#82
 Chrysene
 Concen: 38.25 ng
 RT: 16.25 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: BF077381.D
 Acq: 20 Feb 2015 14:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	20.2	16.4	24.6

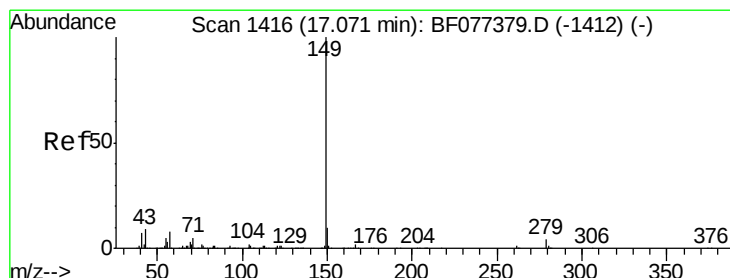
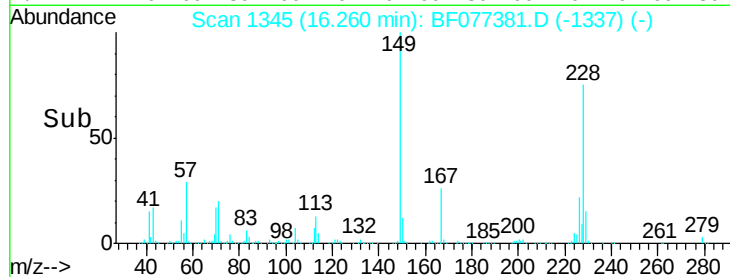
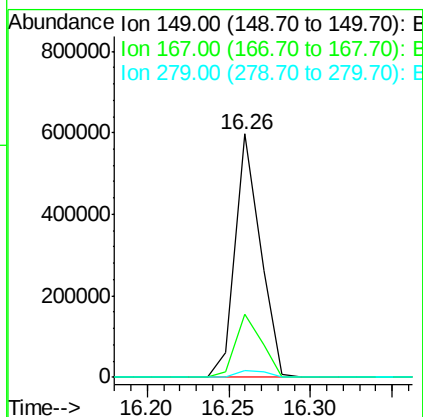
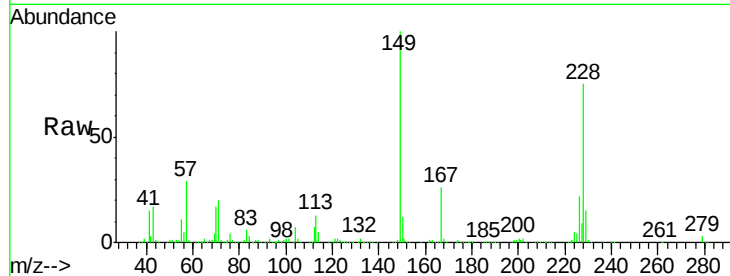




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.33 ng
 RT: 16.26 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: BF077381.D
 Acq: 20 Feb 2015 14:55

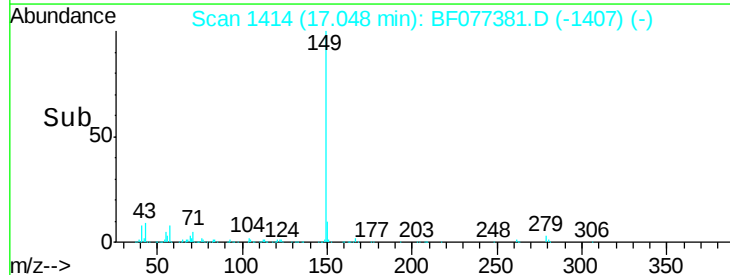
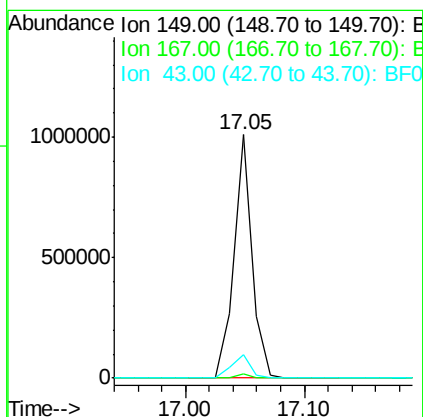
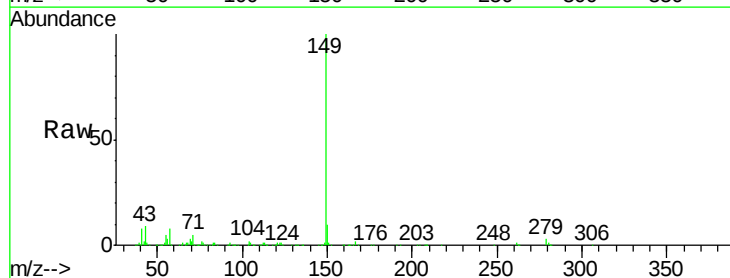
Instrument :
 BNA_F
 ClientSampleId :
 PB81784BS

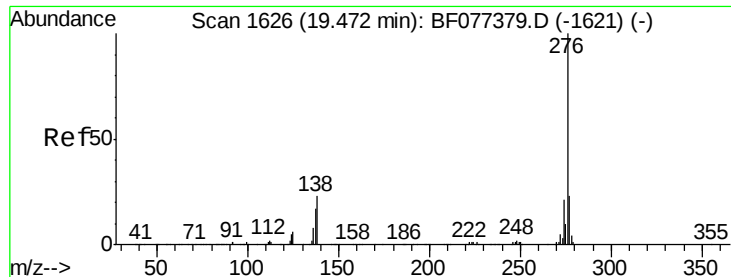
Tgt Ion:149 Resp: 637137
 Ion Ratio Lower Upper
 149 100
 167 26.1 22.8 34.2
 279 2.6 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 41.58 ng
 RT: 17.05 min Scan# 1414
 Delta R.T. -0.02 min
 Lab File: BF077381.D
 Acq: 20 Feb 2015 14:55

Tgt Ion:149 Resp: 1070141
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 9.9 8.1 12.1

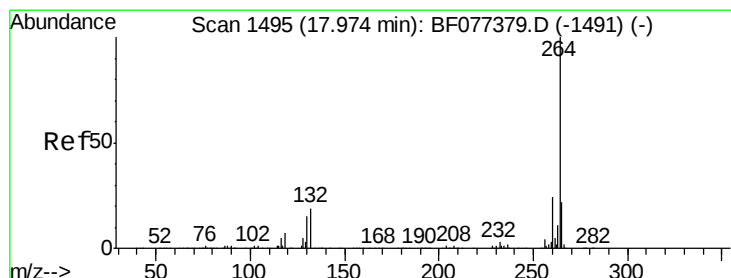
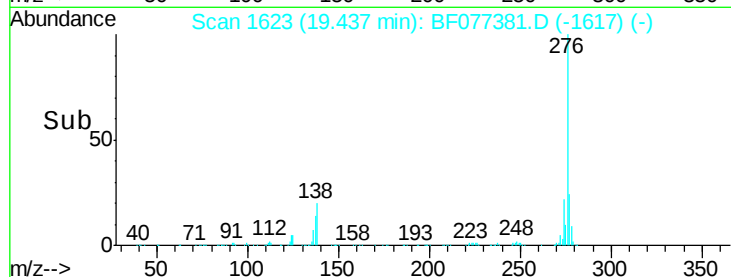
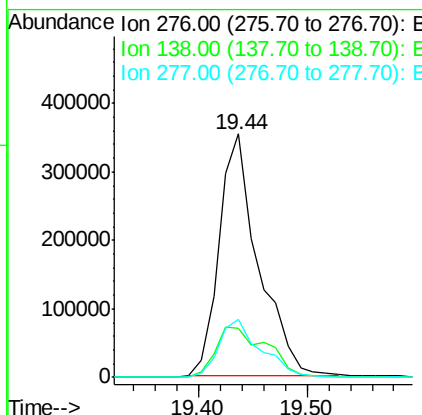
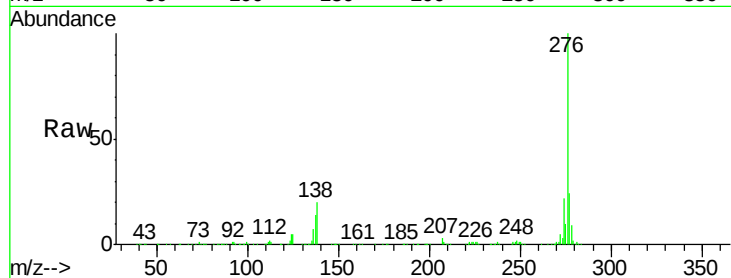




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.50 ng
 RT: 19.44 min Scan# 1623
 Delta R.T. -0.03 min
 Lab File: BF077381.D
 Acq: 20 Feb 2015 14:55

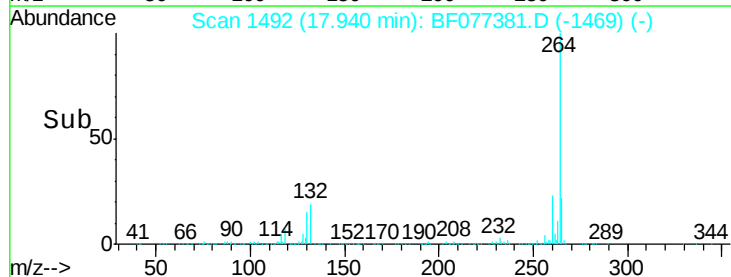
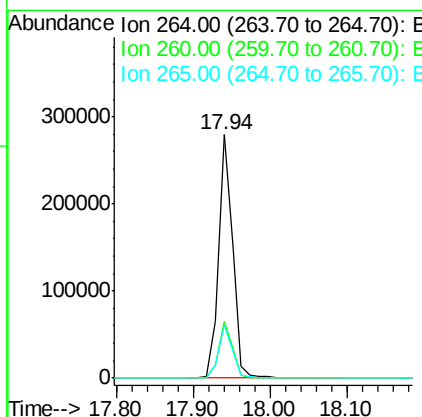
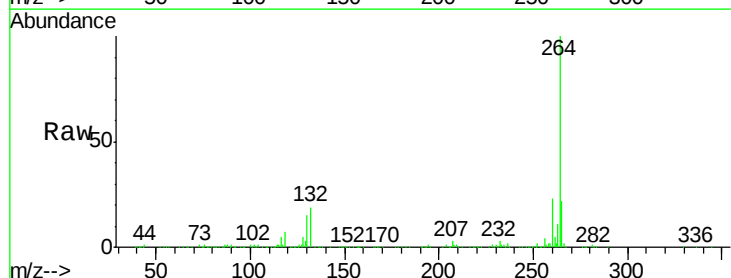
Instrument :
 BNA_F
 ClientSampleId :
 PB81784BS

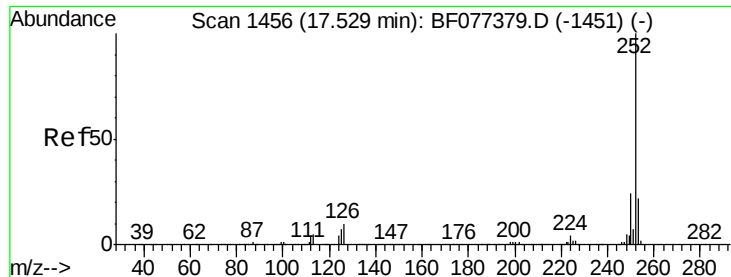
Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.5	21.2	31.8
277	25.2	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.94 min Scan# 1492
 Delta R.T. -0.03 min
 Lab File: BF077381.D
 Acq: 20 Feb 2015 14:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.3	28.9
265	21.7	16.8	25.2

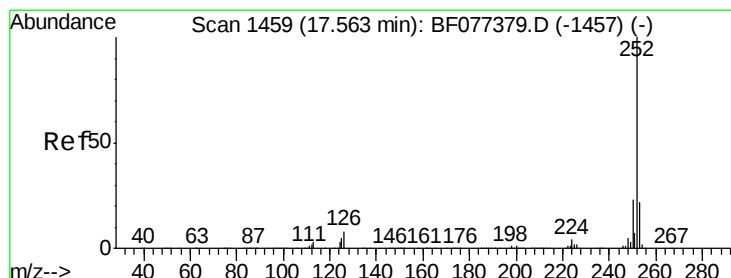
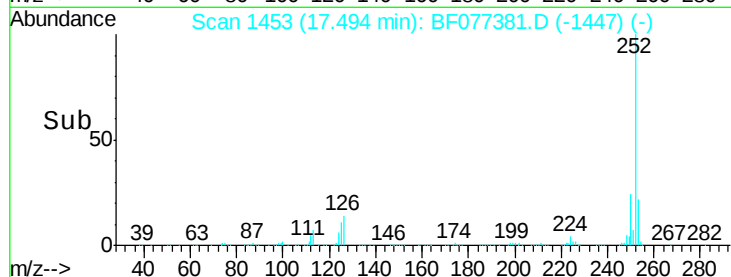
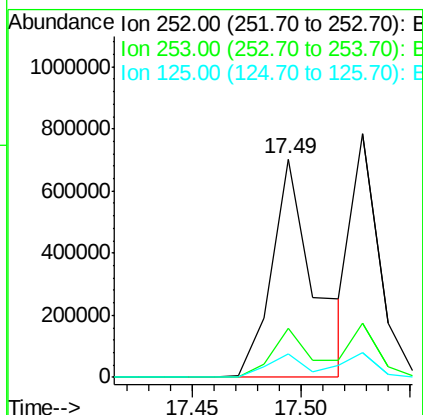
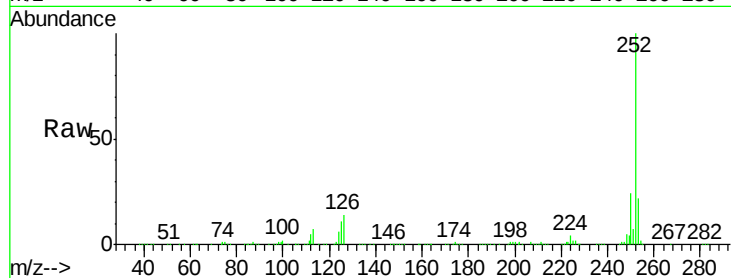




#87
Benzo(b)fluoranthene
Concen: 46.59 ng
RT: 17.49 min Scan# 1453
Delta R.T. -0.03 min
Lab File: BF077381.D
Acq: 20 Feb 2015 14:55

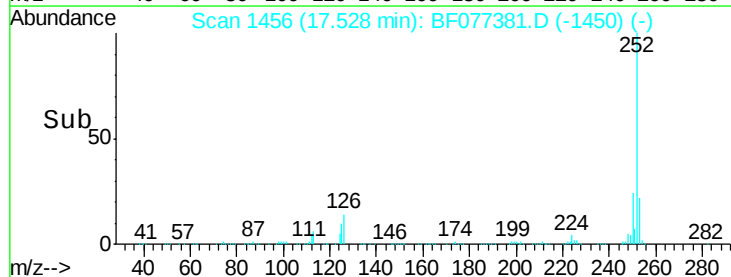
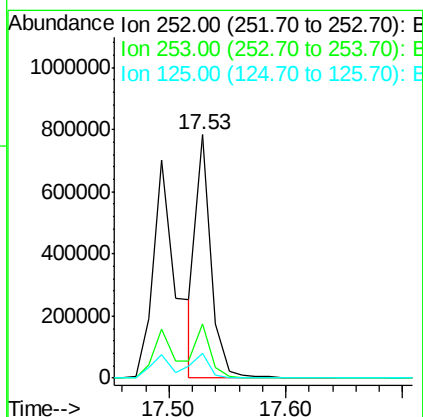
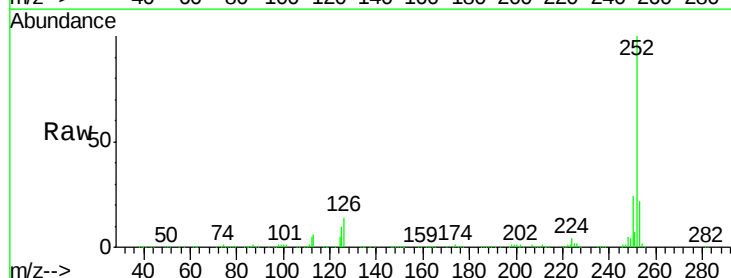
Instrument :
BNA_F
ClientSampleId :
PB81784BS

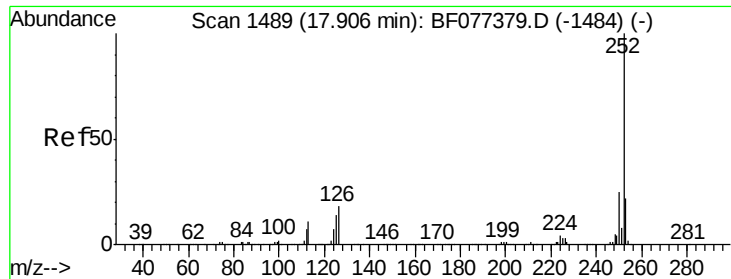
Tgt Ion: 252 Resp: 967572
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 10.7 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 34.04 ng m
RT: 17.53 min Scan# 1456
Delta R.T. -0.03 min
Lab File: BF077381.D
Acq: 20 Feb 2015 14:55

Tgt Ion: 252 Resp: 692811
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 10.0 10.1 15.1#





#89

Benzo(a)pyrene

Concen: 39.55 ng

RT: 17.87 min Scan# 1486

Delta R.T. -0.03 min

Lab File: BF077381.D

Acq: 20 Feb 2015 14:55

Instrument :

BNA_F

ClientSampleId :

PB81784BS

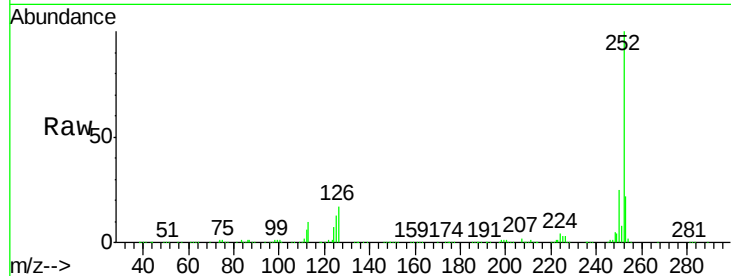
Tgt Ion:252 Resp: 782364

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

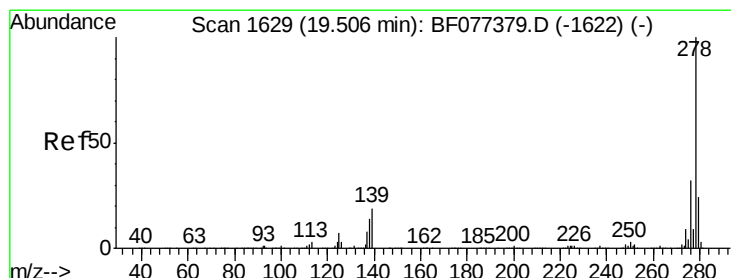
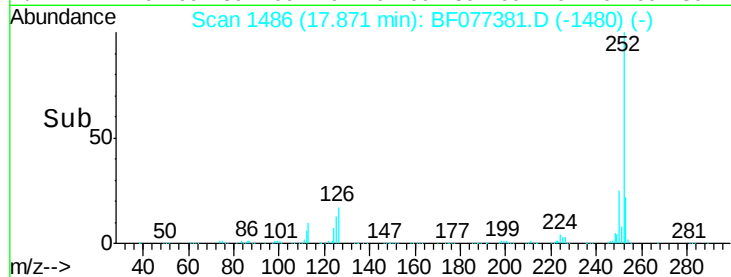
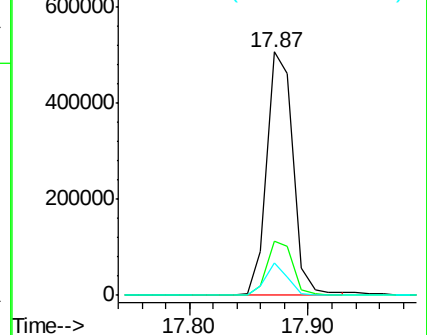
125 13.3 8.3 12.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.33 ng

RT: 19.47 min Scan# 1626

Delta R.T. -0.03 min

Lab File: BF077381.D

Acq: 20 Feb 2015 14:55

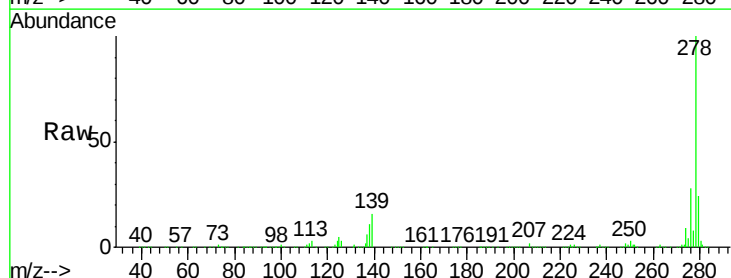
Tgt Ion:278 Resp: 742017

Ion Ratio Lower Upper

278 100

139 15.5 14.3 21.5

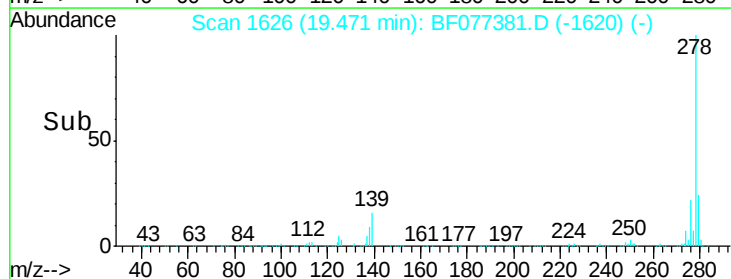
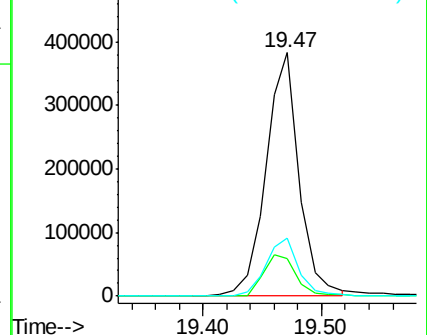
279 23.6 19.0 28.6

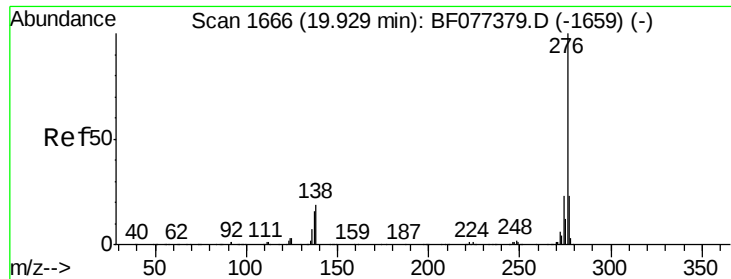


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 38.83 ng

RT: 19.88 min Scan# 1662

Delta R.T. -0.05 min

Lab File: BF077381.D

Acq: 20 Feb 2015 14:55

Instrument :

BNA_F

ClientSampleId :

PB81784BS

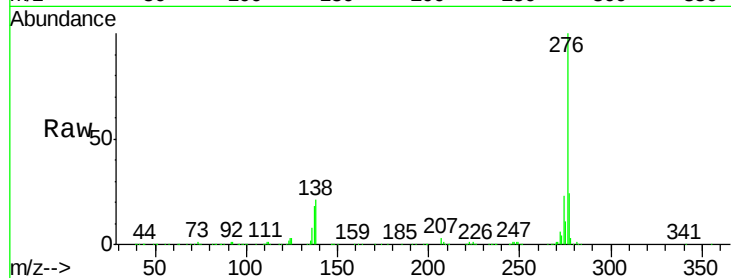
Tgt Ion: 276 Resp: 739365

Ion Ratio Lower Upper

276 100

277 24.0 18.9 28.3

138 21.1 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

