

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
 Data File : BF078005.D
 Acq On : 26 Mar 2015 19:56
 Operator : TP/IZ
 Sample : PB82321BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82321BS

Quant Time: Mar 27 05:39:19 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 00:54:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	41404	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	169880	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	86238	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	172547	20.00	ng	-0.01
75) Chrysene-d12	15.95	240	192506	20.00	ng	-0.06
86) Perylene-d12	17.68	264	178152	20.00	ng	-0.22

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	264186	111.38	ng	0.00
7) Phenol-d6	6.67	99	320422	109.34	ng	-0.01
23) Nitrobenzene-d5	7.79	82	191316	73.82	ng	0.00
41) 2,4,6-Tribromophenol	11.81	330	82972	100.56	ng	-0.01
44) 2-Fluorobiphenyl	10.02	172	437714	74.59	ng	0.00
78) Terphenyl-d14	14.67	244	536623	68.09	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.96	88	28073	26.07	ng	# 100
3) Pyridine	2.62	79	88895	30.72	ng	97
4) n-Nitrosodimethylamine	2.56	42	40506	32.15	ng	87
6) Aniline	6.68	93	80296	19.15	ng	# 56
8) 2-Chlorophenol	6.83	128	103015	36.49	ng	88
9) Benzaldehyde	6.54	77	4851	4.04	ng	99
10) Phenol	6.69	94	122978	35.50	ng	# 70
11) bis(2-Chloroethyl)ether	6.78	93	92258	35.55	ng	91
12) 1,3-Dichlorobenzene	7.01	146	103608	32.99	ng	99
13) 1,4-Dichlorobenzene	7.12	146	104932	32.16	ng	98
14) 1,2-Dichlorobenzene	7.30	146	98628	32.97	ng	98
15) Benzyl Alcohol	7.29	79	80792	35.32	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.46	45	120631	34.50	ng	97
17) 2-Methylphenol	7.44	107	80802	35.15	ng	96
18) Hexachloroethane	7.71	117	36058	33.69	ng	97
19) n-Nitroso-di-n-propylamine	7.62	70	71797	35.41	ng	94
20) 3+4-Methylphenols	7.63	107	108779	36.07	ng	93
22) Acetophenone	7.61	105	143647	38.20	ng	# 92
24) Nitrobenzene	7.81	77	102059	36.55	ng	# 88
25) Isophorone	8.11	82	178488	34.10	ng	# 93
26) 2-Nitrophenol	8.20	139	46423	33.96	ng	# 82
27) 2,4-Dimethylphenol	8.28	122	93758	37.65	ng	98
28) bis(2-Chloroethoxy)methane	8.40	93	116378	36.63	ng	99
29) 2,4-Dichlorophenol	8.51	162	88002	37.07	ng	97
30) 1,2,4-Trichlorobenzene	8.60	180	88958	33.50	ng	95
31) Naphthalene	8.69	128	291356	33.39	ng	100
32) Benzoic acid	8.40	122	33246	25.48	ng	95
33) 4-Chloroaniline	8.77	127	71631	20.23	ng	# 91
34) Hexachlorobutadiene	8.85	225	50089	33.28	ng	99
35) Caprolactam	9.20	113	27474	39.60	ng	97
36) 4-Chloro-3-methylphenol	9.39	107	87452	36.62	ng	84
37) 2-Methylnaphthalene	9.55	142	202967	34.63	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.76	216	86716	33.71	ng	# 100
40) Hexachlorocyclopentadiene	9.74	237	76469	60.20	ng	99

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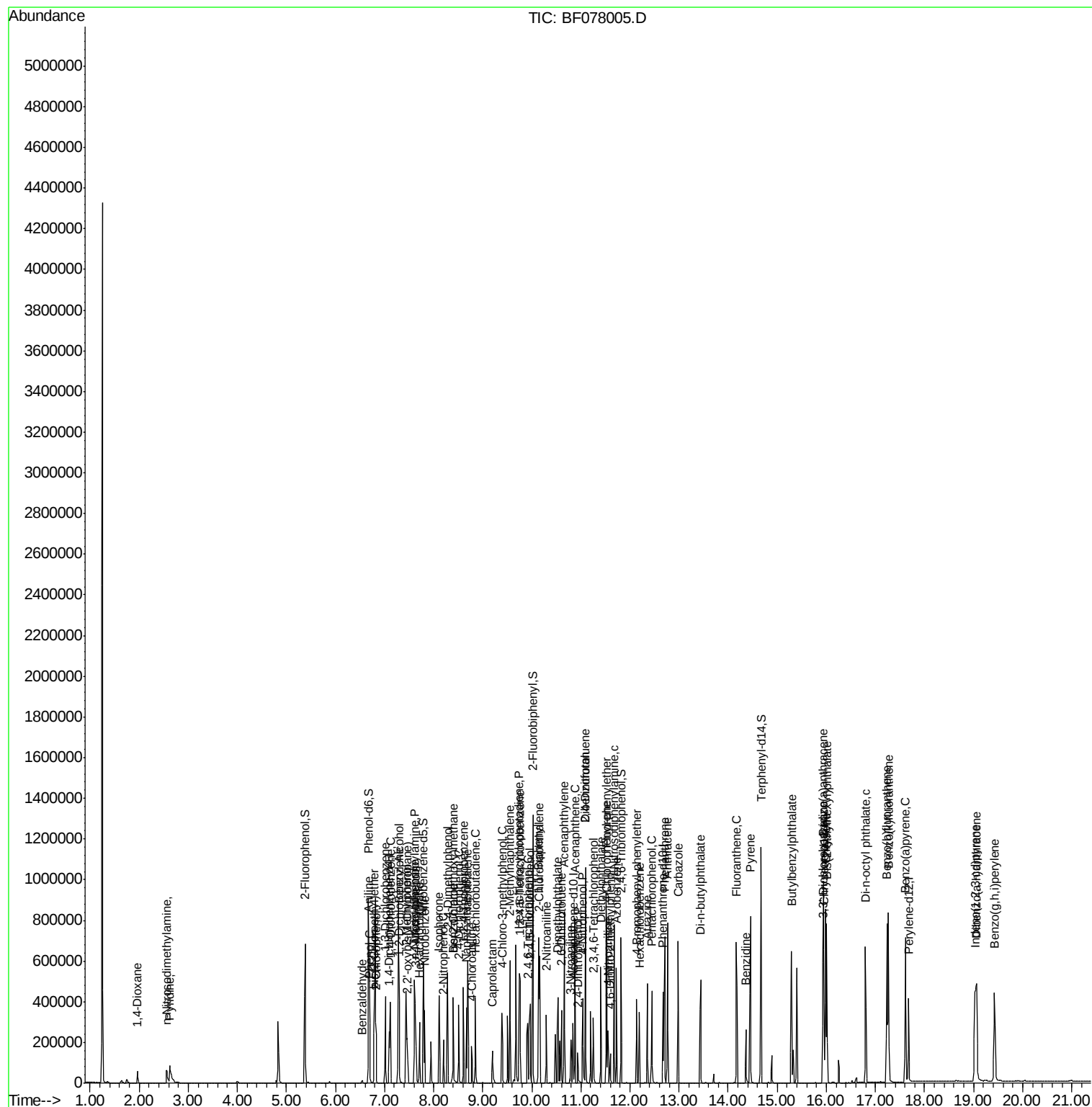
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.92	196	60065	33.71	ng	97
43) 2,4,5-Trichlorophenol	9.96	196	67012	34.81	ng #	93
45) 1,1'-Biphenyl	10.13	154	238432	34.59	ng	98
46) 2-Chloronaphthalene	10.16	162	199060	35.53	ng	96
47) 2-Nitroaniline	10.29	65	53964	38.78	ng	91
48) Acenaphthylene	10.66	152	310001	33.28	ng	99
49) Dimethylphthalate	10.53	163	226604	35.43	ng #	99
50) 2,6-Dinitrotoluene	10.60	165	51425	38.79	ng #	87
51) Acenaphthene	10.88	154	177347	33.20	ng	98
52) 3-Nitroaniline	10.80	138	41245	26.79	ng #	73
53) 2,4-Dinitrophenol	10.93	184	25187	54.56	ng	90
54) Dibenzofuran	11.09	168	286535	36.17	ng	97
55) 4-Nitrophenol	11.04	139	75510	66.20	ng	94
56) 2,4-Dinitrotoluene	11.09	165	66425	38.42	ng	96
57) Fluorene	11.52	166	233193	35.45	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.25	232	53456	36.07	ng #	100
59) Diethylphthalate	11.40	149	223699	35.89	ng	97
60) 4-Chlorophenyl-phenylether	11.53	204	105278	35.07	ng	96
61) 4-Nitroaniline	11.55	138	54457	35.49	ng	78
62) Azobenzene	11.72	77	212998	35.76	ng	96
64) 4,6-Dinitro-2-methylphenol	11.60	198	24135	31.27	ng	80
65) n-Nitrosodiphenylamine	11.68	169	195875	34.09	ng	99
66) 4-Bromophenyl-phenylether	12.13	248	66057	35.87	ng	98
67) Hexachlorobenzene	12.19	284	68978	34.09	ng	96
68) Atrazine	12.35	200	61939	38.47	ng	93
69) Pentachlorophenol	12.44	266	57844	55.56	ng	97
70) Phenanthrene	12.71	178	355590	35.90	ng	99
71) Anthracene	12.76	178	346151	35.37	ng	99
72) Carbazole	12.98	167	349766	37.57	ng	99
73) Di-n-butylphthalate	13.44	149	368120	35.27	ng	99
74) Fluoranthene	14.17	202	382957	35.05	ng	94
76) Benzidine	14.36	184	119138	24.83	ng	99
77) Pyrene	14.45	202	405053	33.46	ng	100
79) Butylbenzylphthalate	15.29	149	170234	35.67	ng	94
80) Benzo(a)anthracene	15.94	228	391660	34.32	ng	99
81) 3,3'-Dichlorobenzidine	15.93	252	89243	23.71	ng #	98
82) Chrysene	15.99	228	369164	35.98	ng	99
83) Bis(2-ethylhexyl)phthalate	16.01	149	243062	33.62	ng #	96
84) Di-n-octyl phthalate	16.80	149	418448	33.85	ng	100
85) Indeno(1,2,3-cd)pyrene	19.03	276	397461m	31.04	ng	
87) Benzo(b)fluoranthene	17.23	252	429383	36.92	ng	98
88) Benzo(k)fluoranthene	17.27	252	308642m	33.97	ng	
89) Benzo(a)pyrene	17.61	252	367513	37.87	ng #	96
90) Dibenzo(a,h)anthracene	19.06	278	332008	34.49	ng	100
91) Benzo(g,h,i)perylene	19.43	276	338010	34.50	ng	98

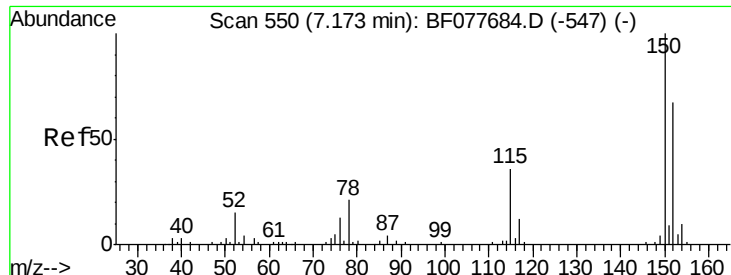
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.09 min Scan# 543

Delta R.T. -0.00 min

Lab File: BF078005.D

Acq: 26 Mar 2015 19:56

Instrument :

BNA_F

ClientSampleId :

PB82321BS

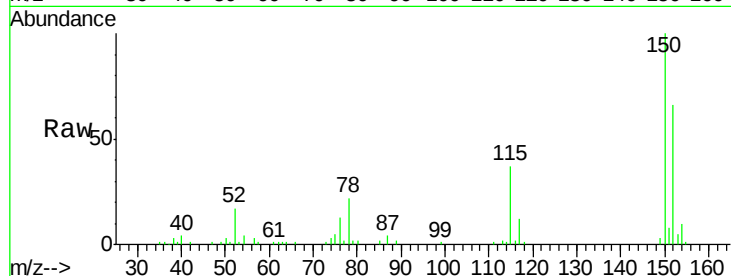
Tgt Ion:152 Resp: 41404

Ion Ratio Lower Upper

152 100

150 152.4 119.5 179.3

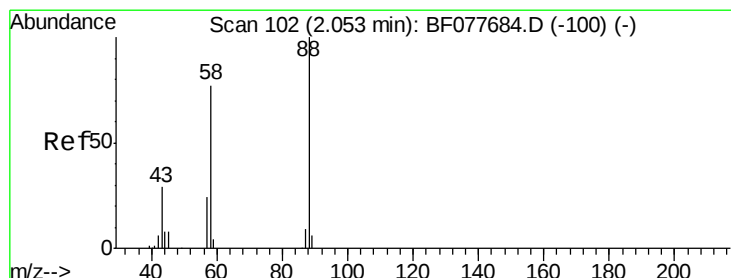
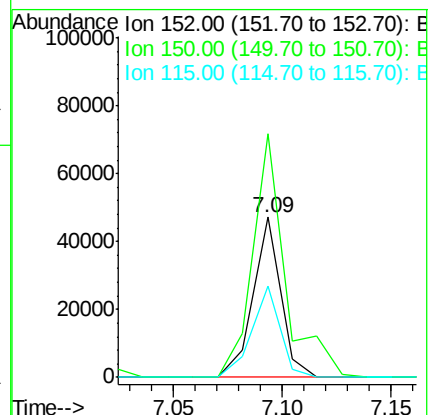
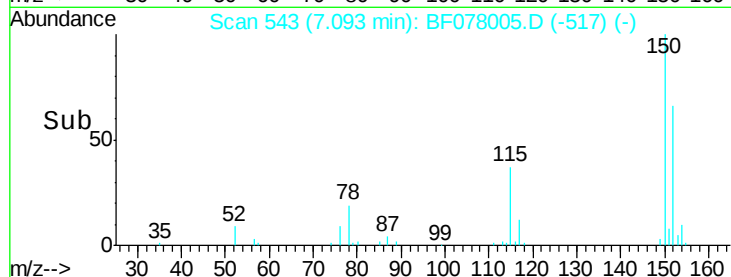
115 57.0 43.0 64.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 26.07 ng

RT: 1.96 min Scan# 94

Delta R.T. 0.02 min

Lab File: BF078005.D

Acq: 26 Mar 2015 19:56

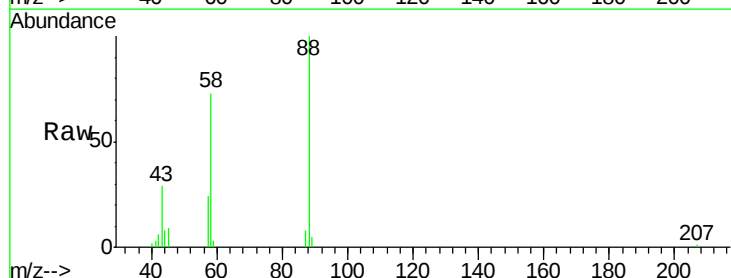
Tgt Ion: 88 Resp: 28073

Ion Ratio Lower Upper

88 100

58 72.4 0.0 0.0#

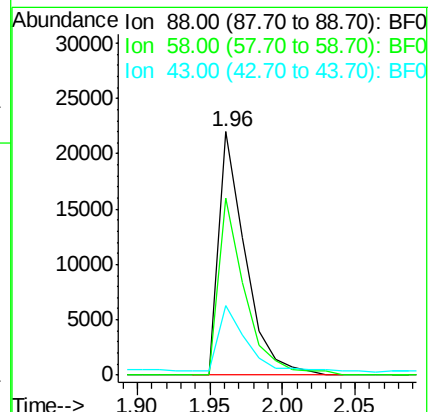
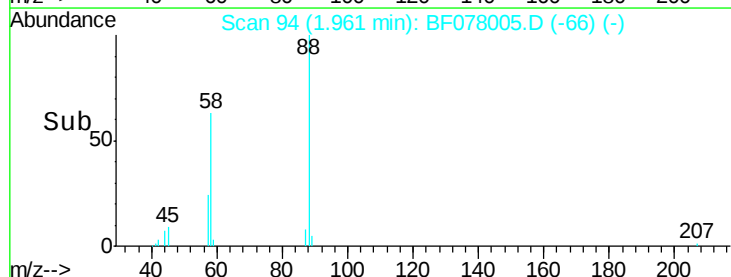
43 28.5 0.0 0.0#



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: 30.72 ng

RT: 2.62 min Scan# 152

Delta R.T. 0.02 min

Lab File: BF078005.D

Acq: 26 Mar 2015 19:56

Instrument :

BNA_F

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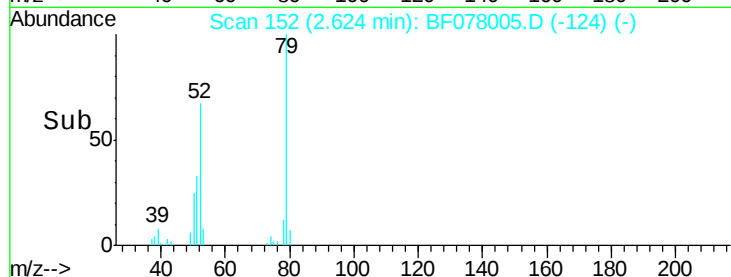
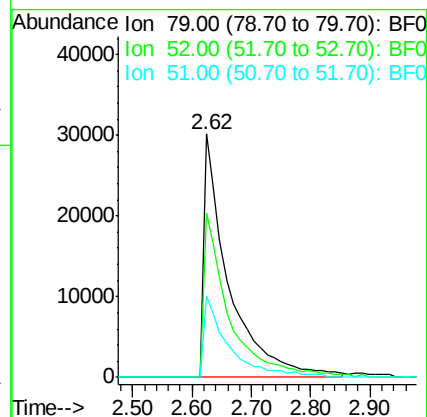
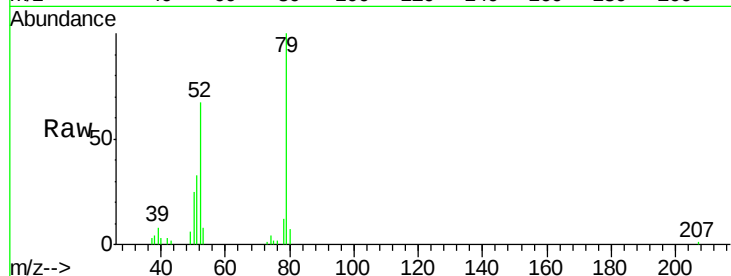
Tgt Ion: 79 Resp: 88895

Ion Ratio Lower Upper

79 100

52 67.4 51.1 76.7

51 33.3 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 32.15 ng

RT: 2.56 min Scan# 146

Delta R.T. 0.01 min

Lab File: BF078005.D

Acq: 26 Mar 2015 19:56

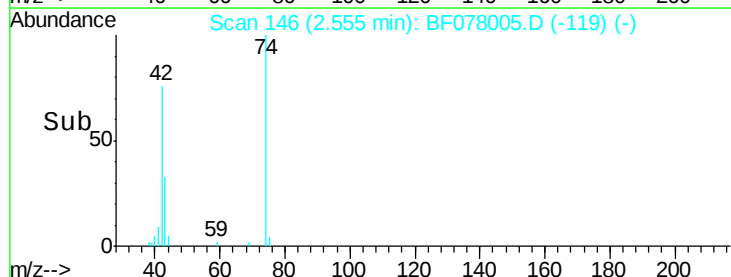
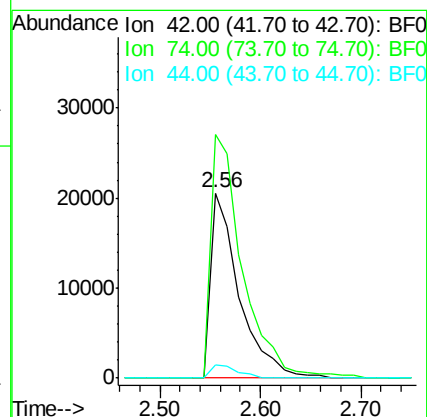
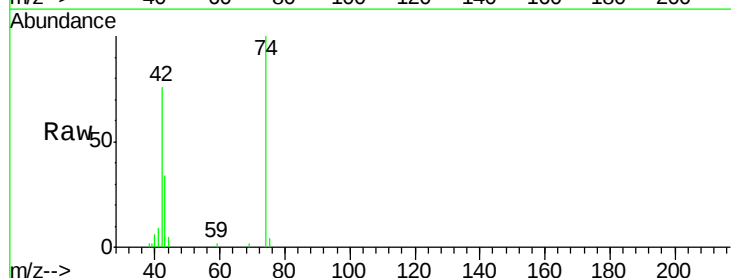
Tgt Ion: 42 Resp: 40506

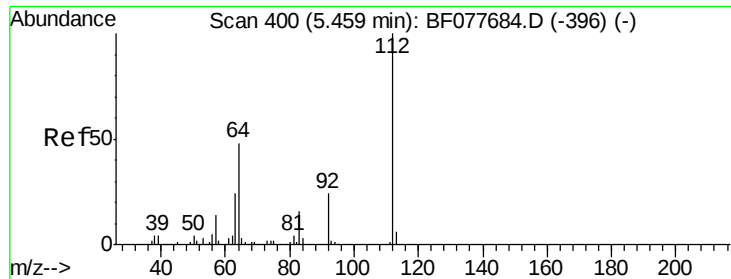
Ion Ratio Lower Upper

42 100

74 131.5 119.3 178.9

44 7.2 5.4 8.2





#5

2-Fluorophenol

Concen: 111.38 ng

RT: 5.38 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF078005.D

Acq: 26 Mar 2015 19:56

Instrument :

BNA_F

ClientSampleId :

PB82321BS

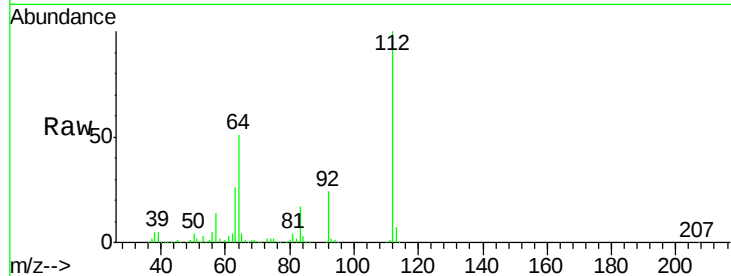
Tgt Ion: 112 Resp: 264186

Ion Ratio Lower Upper

112 100

64 50.6 38.6 57.8

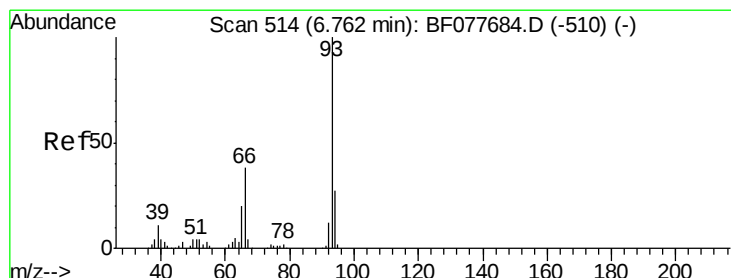
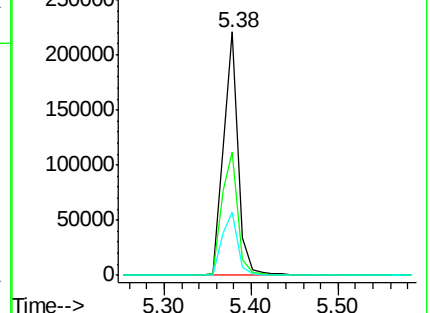
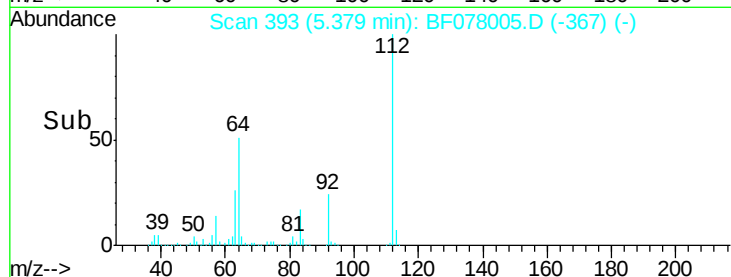
63 26.1 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.15 ng

RT: 6.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF078005.D

Acq: 26 Mar 2015 19:56

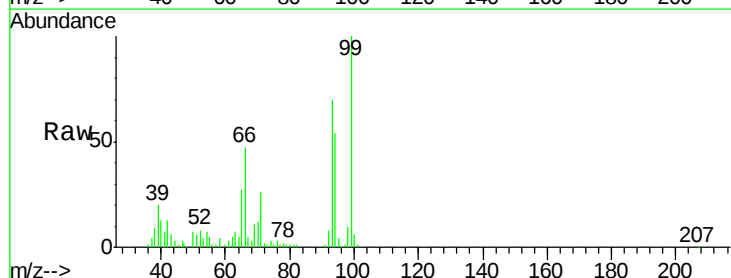
Tgt Ion: 93 Resp: 80296

Ion Ratio Lower Upper

93 100

66 66.8 30.8 46.2#

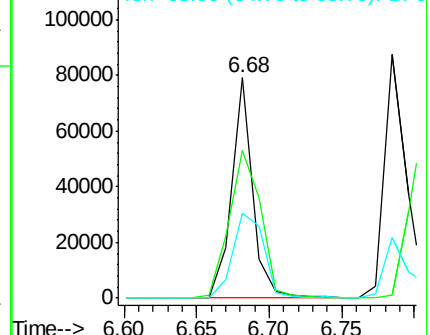
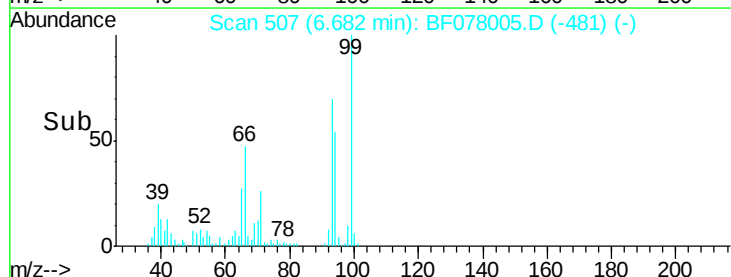
65 38.4 16.0 24.0#

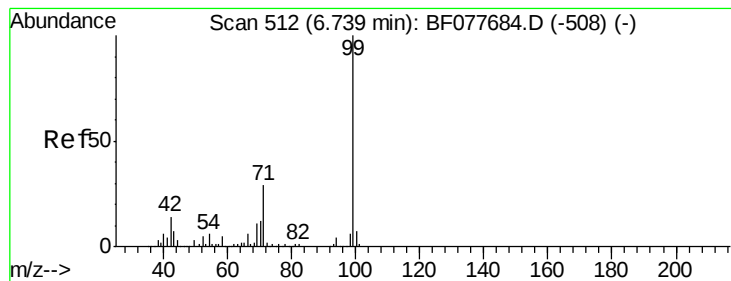


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 109.34 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.01 min

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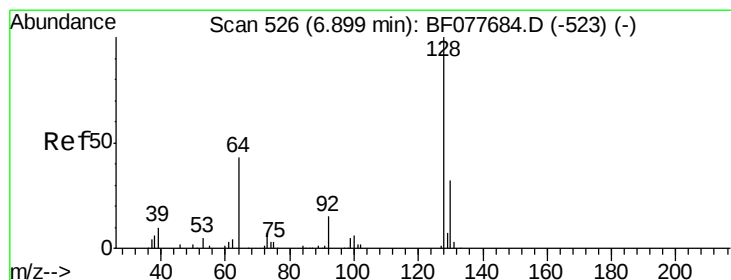
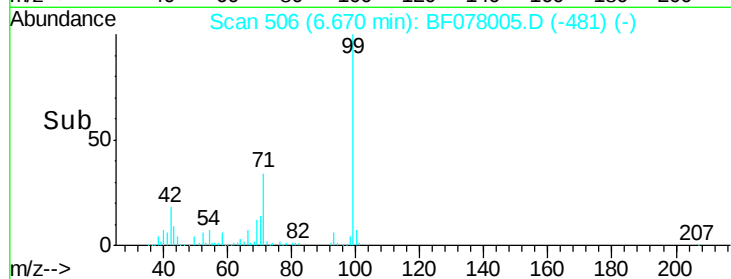
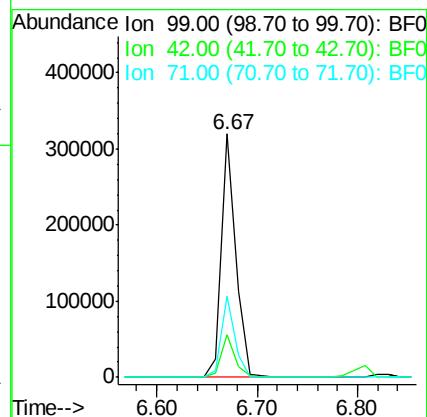
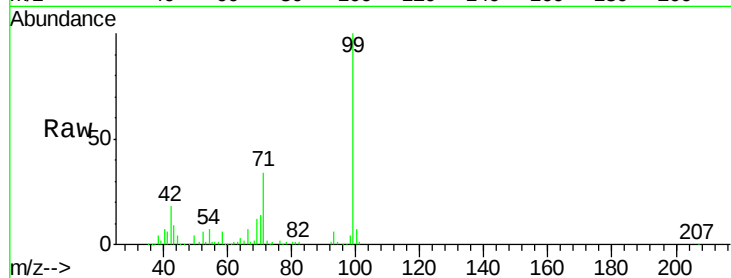
Tgt Ion: 99 Resp: 320422

Ion Ratio Lower Upper

99 100

42 17.5 11.0 16.4#

71 33.5 23.4 35.2



#8

2-Chlorophenol

Concen: 36.49 ng

RT: 6.83 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF078005.D

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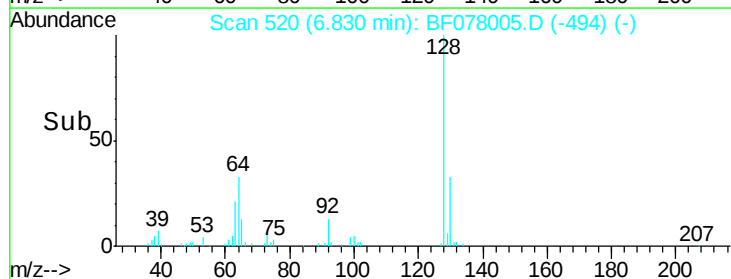
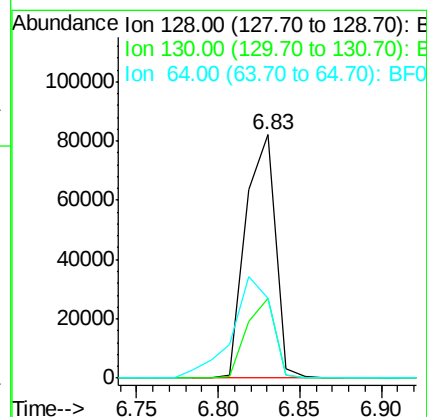
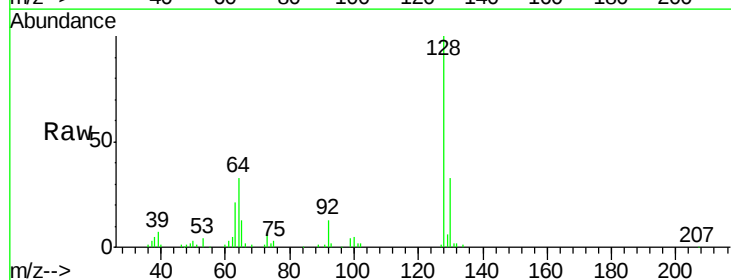
Tgt Ion: 128 Resp: 103015

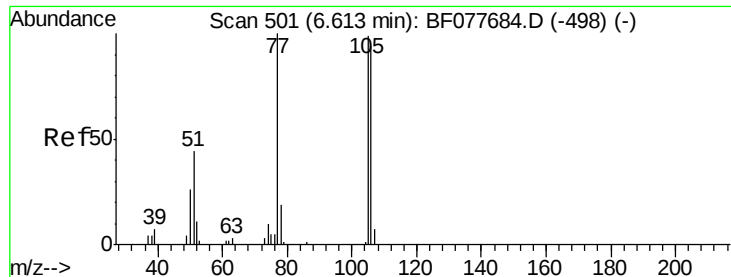
Ion Ratio Lower Upper

128 100

130 33.0 12.0 52.0

64 32.7 24.9 64.9





#9

Benzaldehyde

Concen: 4.04 ng

RT: 6.54 min Scan# 495

Delta R.T. -0.00 min

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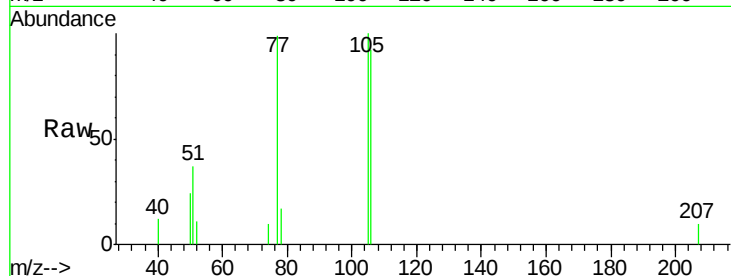
Tgt Ion: 77 Resp: 4851

Ion Ratio Lower Upper

77 100

105 101.3 78.8 118.8

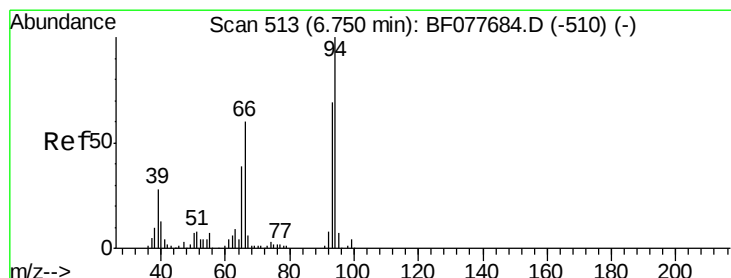
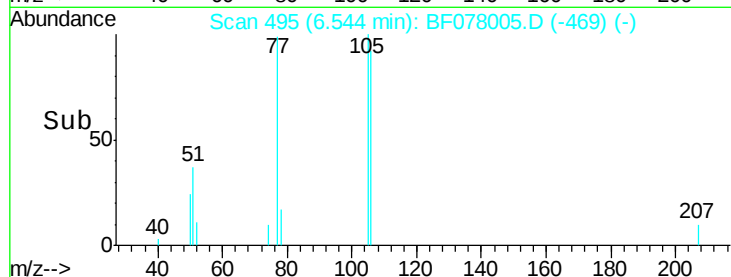
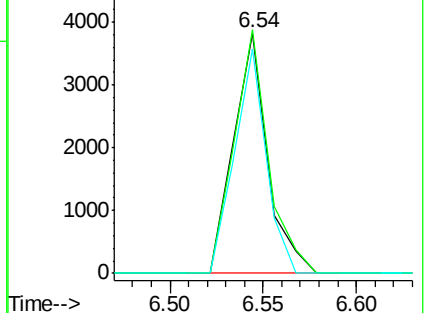
106 93.6 73.7 113.7



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: 35.50 ng

RT: 6.69 min Scan# 508

Delta R.T. -0.00 min

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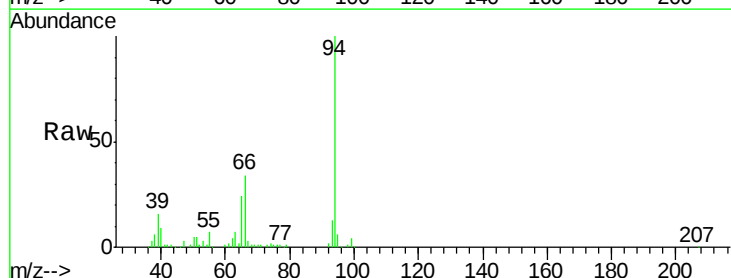
Tgt Ion: 94 Resp: 122978

Ion Ratio Lower Upper

94 100

65 24.4 18.8 58.8

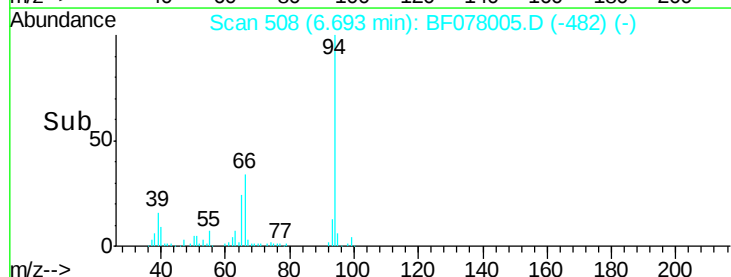
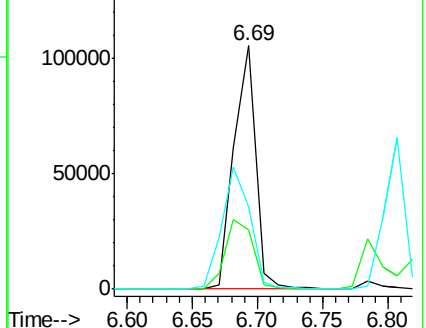
66 33.9 39.9 79.9#

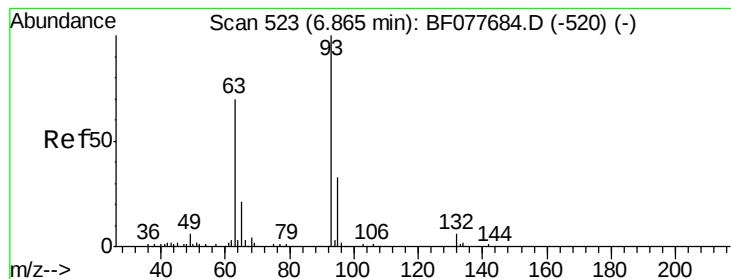


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 35.55 ng

RT: 6.78 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF078005.D

Acq: 26 Mar 2015 19:56

Instrument :

BNA_F

ClientSampleId :

PB82321BS

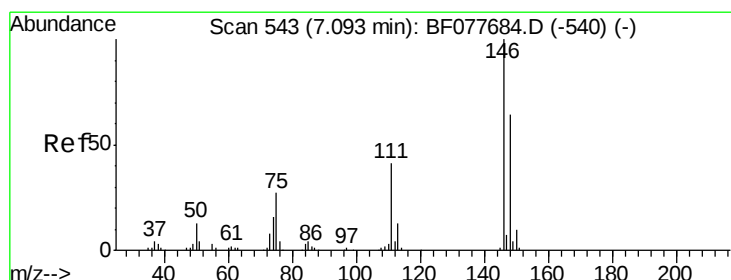
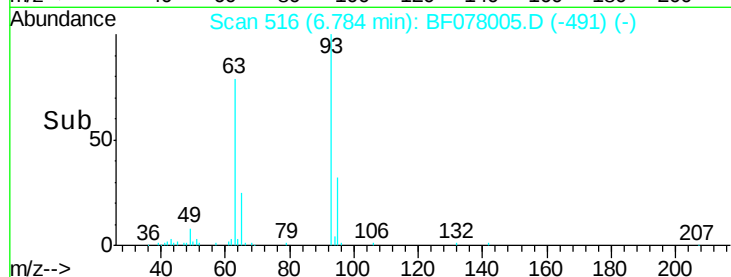
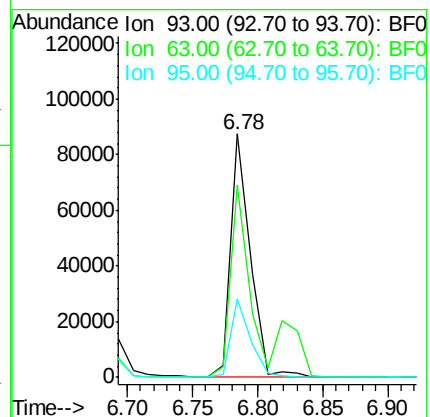
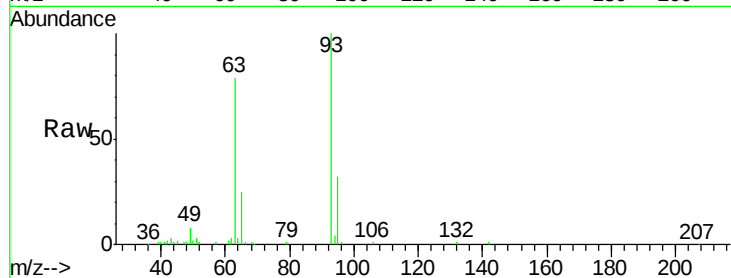
Tgt Ion: 93 Resp: 92258

Ion Ratio Lower Upper

93 100

63 79.2 49.5 89.5

95 32.1 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 32.99 ng

RT: 7.01 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF078005.D

Acq: 26 Mar 2015 19:56

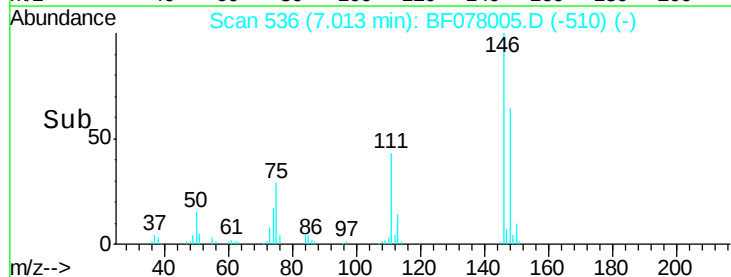
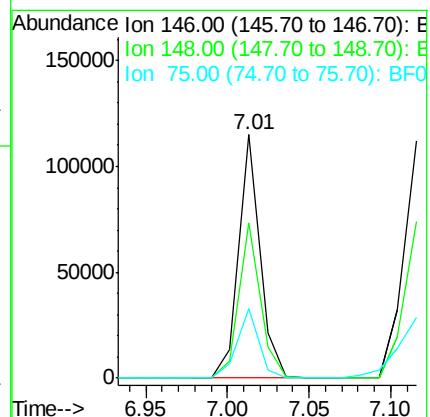
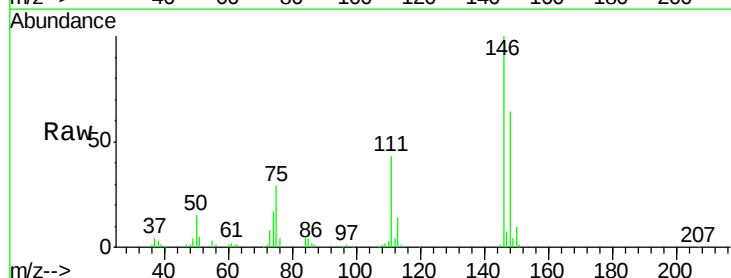
Tgt Ion: 146 Resp: 103608

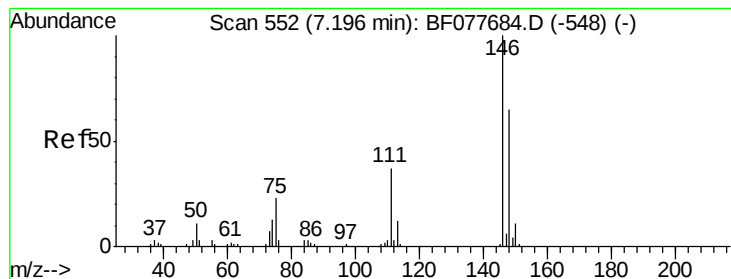
Ion Ratio Lower Upper

146 100

148 63.8 50.9 76.3

75 28.7 21.4 32.2





#13

1,4-Dichlorobenzene

Concen: 32.16 ng

RT: 7.12 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF078005.D

Acq: 26 Mar 2015 19:56

Instrument :

BNA_F

ClientSampleId :

PB82321BS

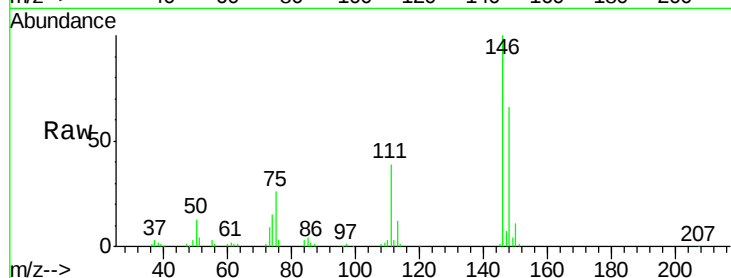
Tgt Ion:146 Resp: 104932

Ion Ratio Lower Upper

146 100

148 65.8 51.9 77.9

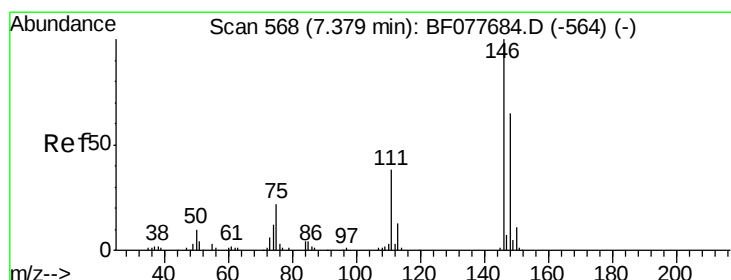
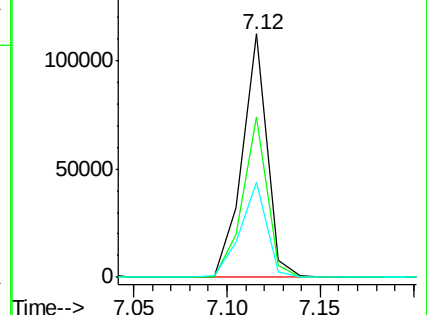
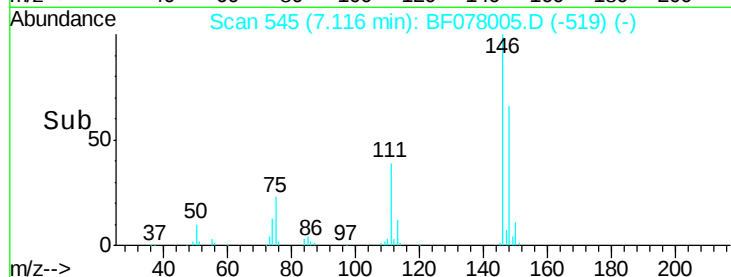
111 39.0 29.2 43.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 32.97 ng

RT: 7.30 min Scan# 561

Delta R.T. -0.00 min

Lab File: BF078005.D

Acq: 26 Mar 2015 19:56

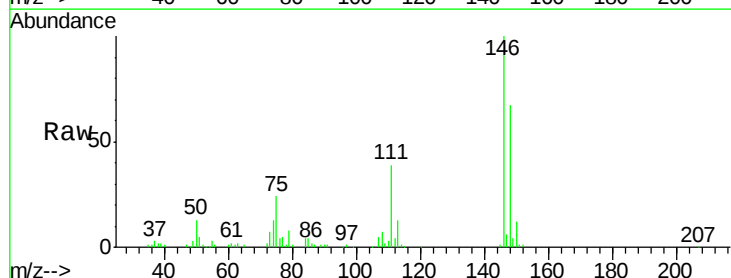
Tgt Ion:146 Resp: 98628

Ion Ratio Lower Upper

146 100

148 67.0 52.3 78.5

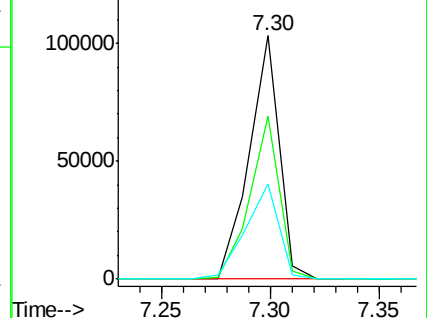
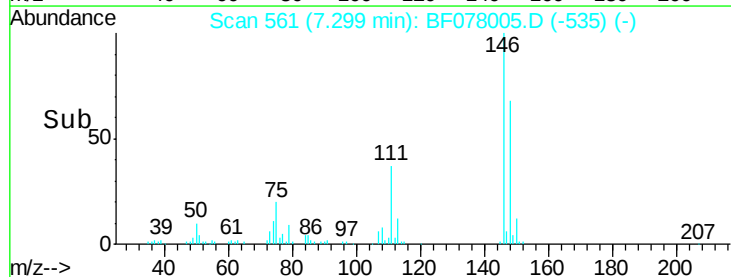
111 39.1 30.6 45.8

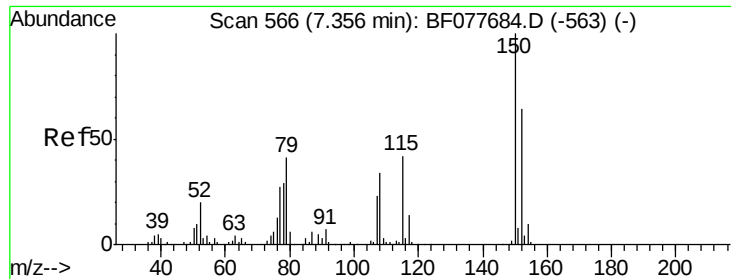


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.32 ng

RT: 7.29 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF078005.D

Acq: 26 Mar 2015 19:56

Instrument :

BNA_F

ClientSampleId :

PB82321BS

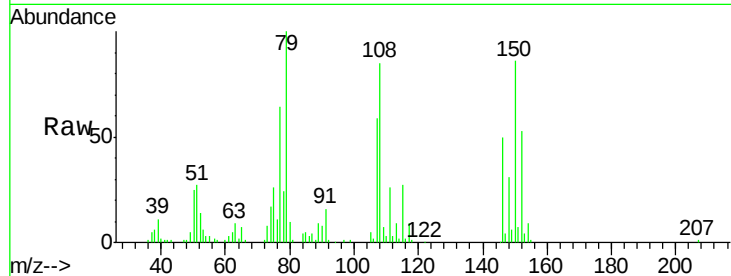
Tgt Ion: 79 Resp: 80792

Ion Ratio Lower Upper

79 100

108 85.2 65.0 97.4

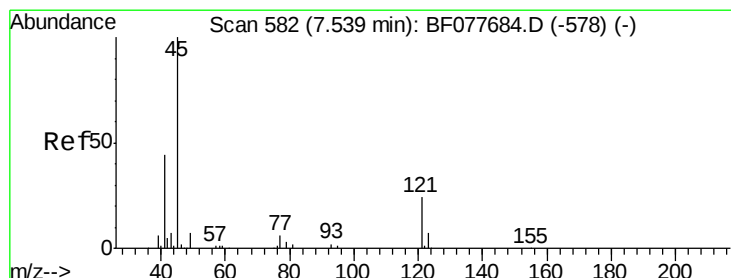
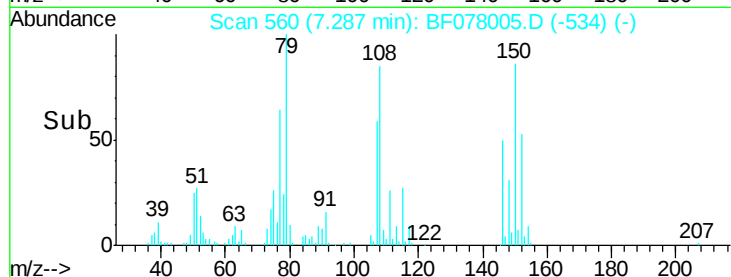
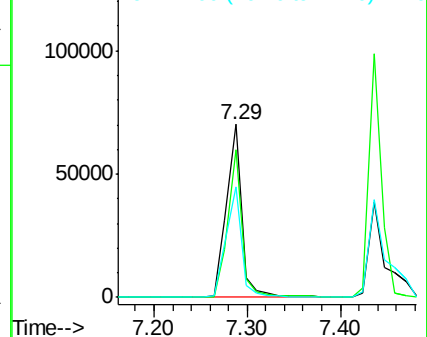
77 63.8 53.0 79.6



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: 34.50 ng

RT: 7.46 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF078005.D

Acq: 26 Mar 2015 19:56

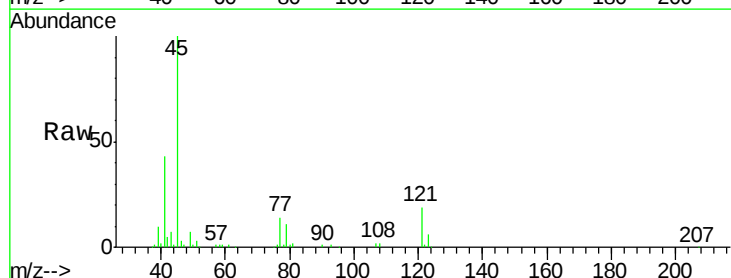
Tgt Ion: 45 Resp: 120631

Ion Ratio Lower Upper

45 100

77 13.8 0.0 35.2

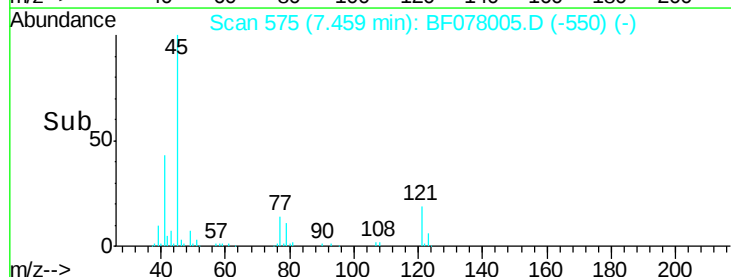
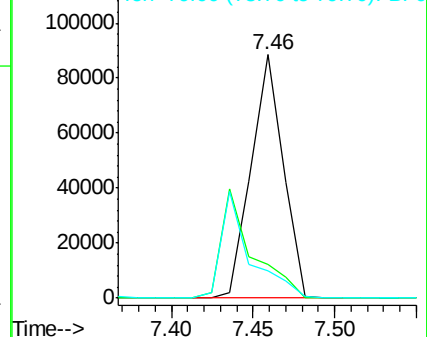
79 11.4 0.0 32.0

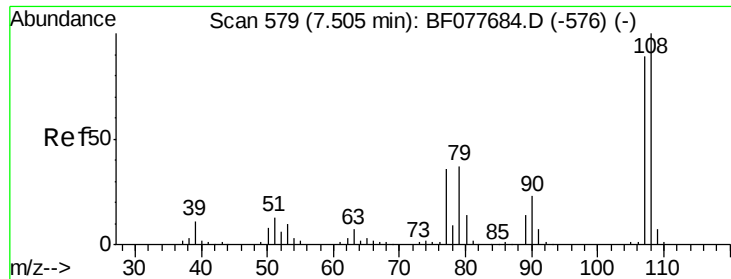


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

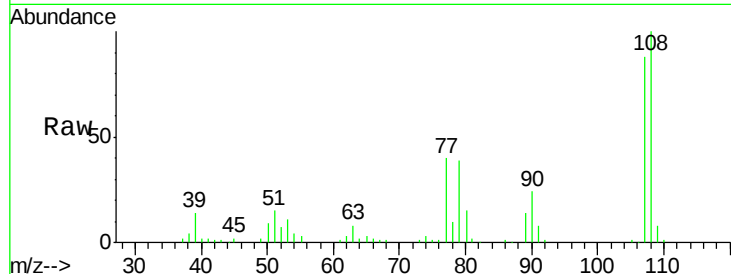




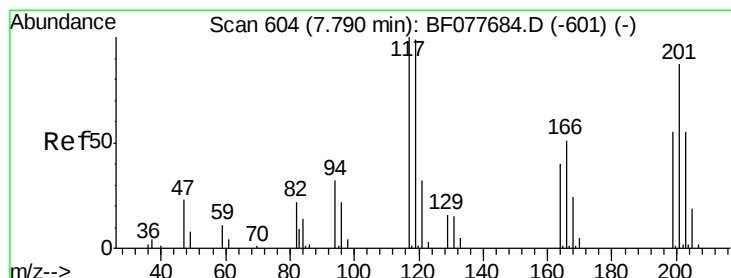
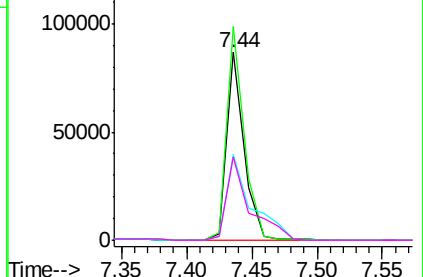
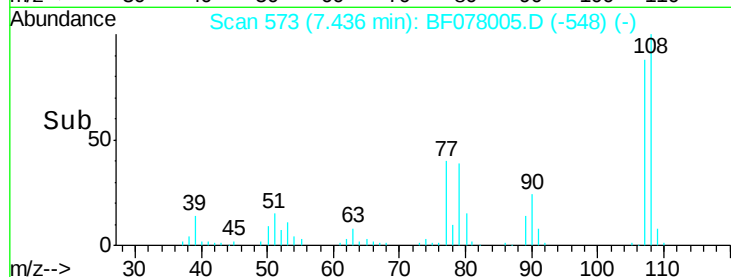
#17
2-Methylphenol
Concen: 35.15 ng
RT: 7.44 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

Instrument :
BNA_F
ClientSampleId :
PB82321BS

Tgt Ion:107 Resp: 80802
Ion Ratio Lower Upper
107 100
108 113.7 89.8 134.8
77 45.7 32.6 48.8
79 44.6 32.8 49.2

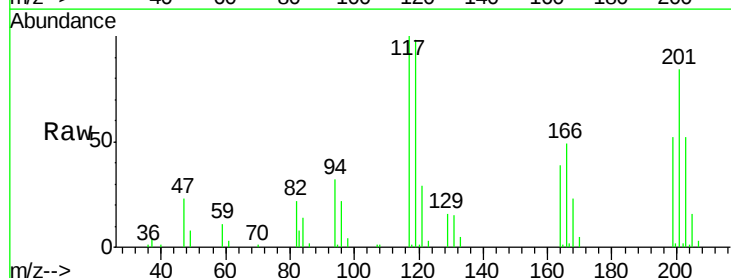


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

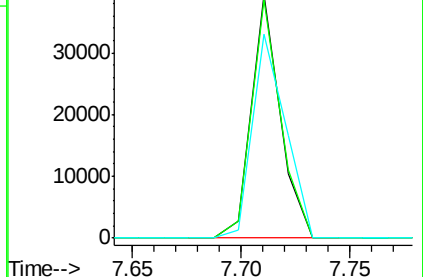
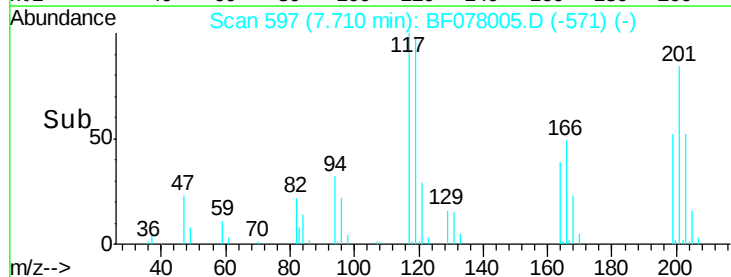


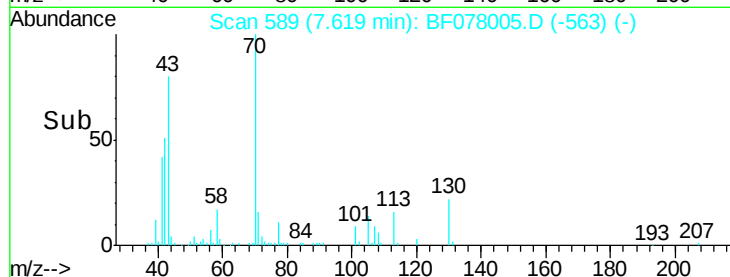
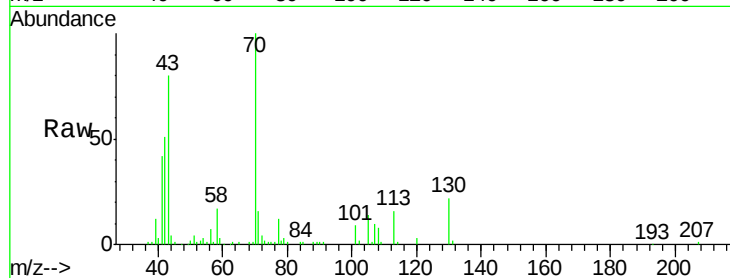
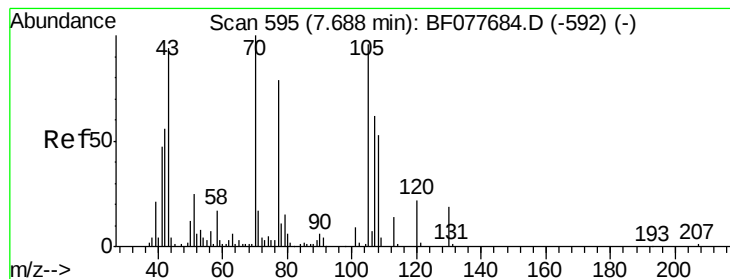
#18
Hexachloroethane
Concen: 33.69 ng
RT: 7.71 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

Tgt Ion:117 Resp: 36058
Ion Ratio Lower Upper
117 100
119 97.7 79.2 118.8
201 83.6 69.8 104.6



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: 35.41 ng

RT: 7.62 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF078005.D

Acq: 26 Mar 2015 19:56

Instrument :

BNA_F

ClientSampleId :

PB82321BS

Tgt Ion: 70 Resp: 71797

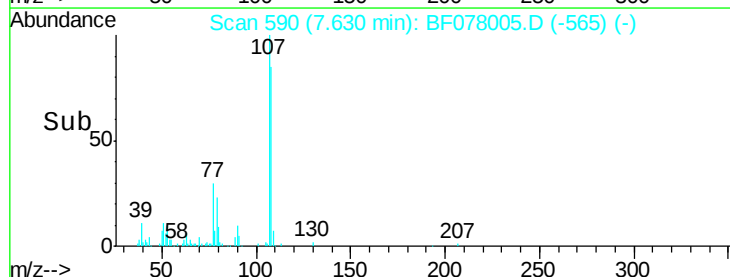
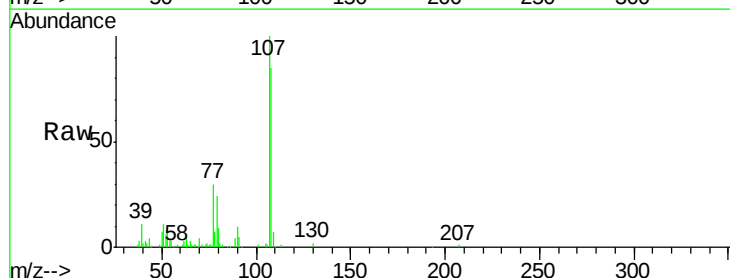
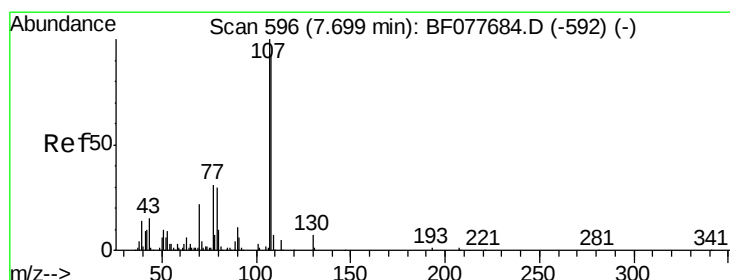
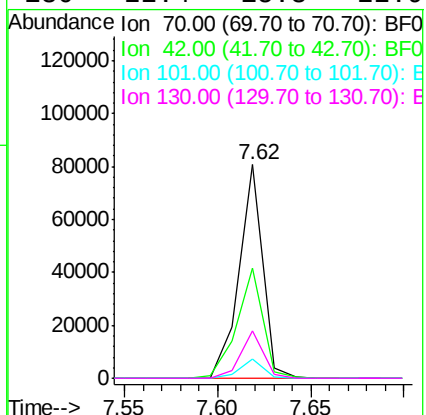
Ion Ratio Lower Upper

70 100

42 51.3 44.5 66.7

101 9.1 7.4 11.2

130 22.4 15.3 22.9



#20

3+4-Methylphenols

Concen: 36.07 ng

RT: 7.63 min Scan# 590

Delta R.T. -0.01 min

Lab File: BF078005.D

Acq: 26 Mar 2015 19:56

Tgt Ion: 107 Resp: 108779

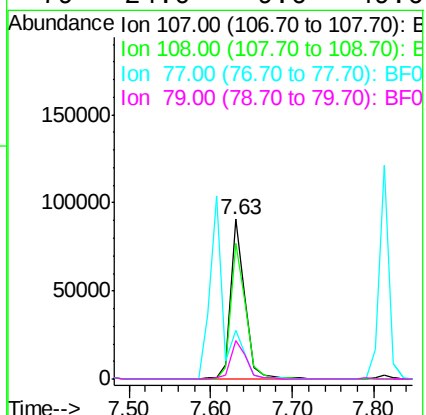
Ion Ratio Lower Upper

107 100

108 85.0 73.2 113.2

77 30.3 10.7 50.7

79 24.0 9.6 49.6

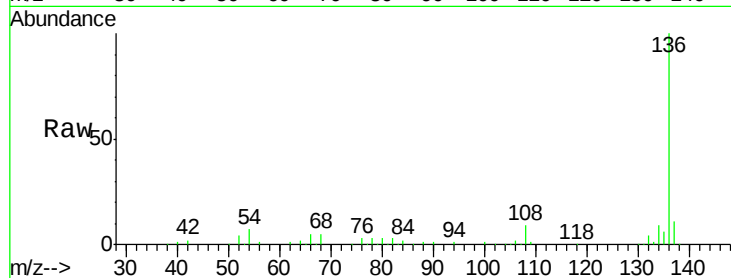




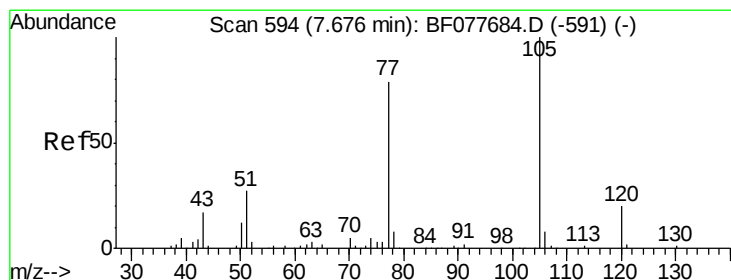
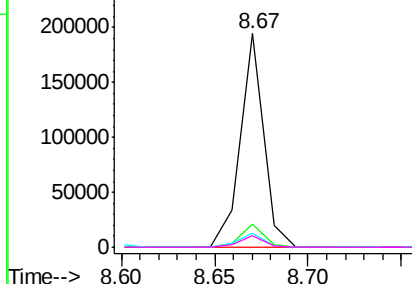
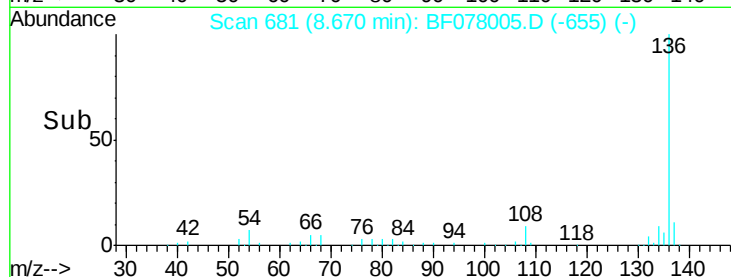
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

Instrument :
BNA_F
ClientSampleId :
PB82321BS

Tgt Ion:	136	Resp:	169880
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	6.7	4.6	6.8
68	5.4	3.7	5.5

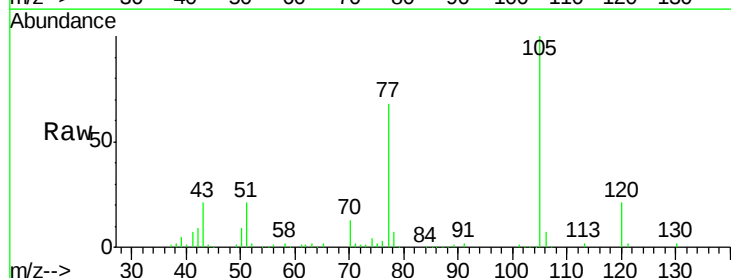


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

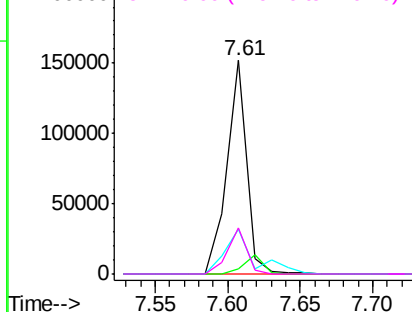
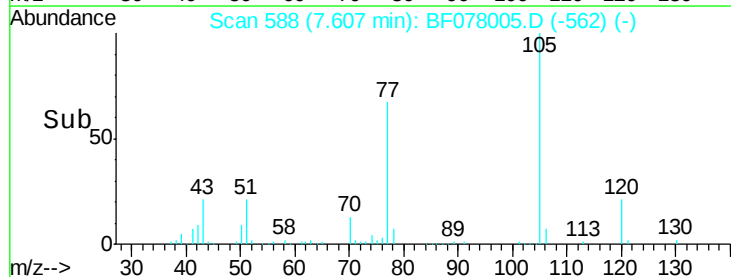


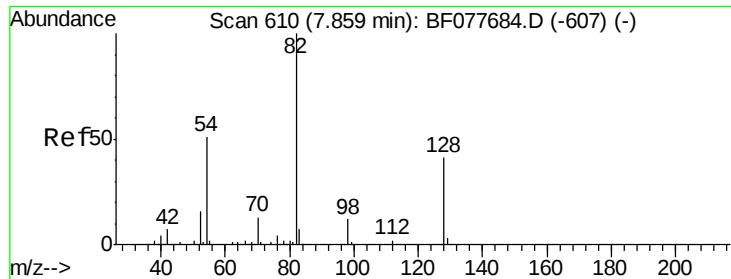
#22
Acetophenone
Concen: 38.20 ng
RT: 7.61 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

Tgt Ion:	105	Resp:	143647
Ion	Ratio	Lower	Upper
105	100		
71	2.2	0.6	1.0#
51	21.1	21.6	32.4#
120	21.4	16.1	24.1



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

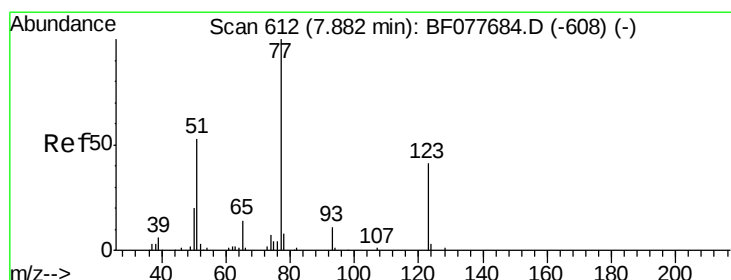
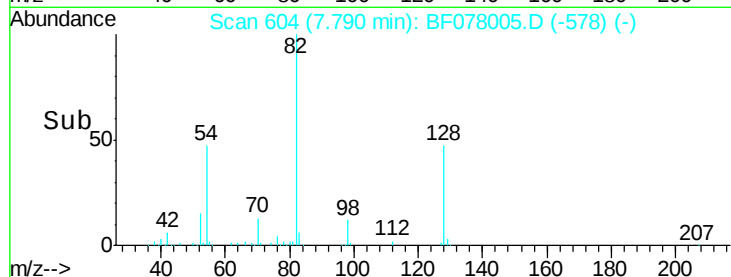
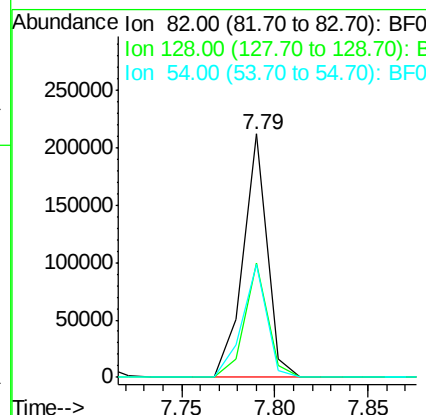
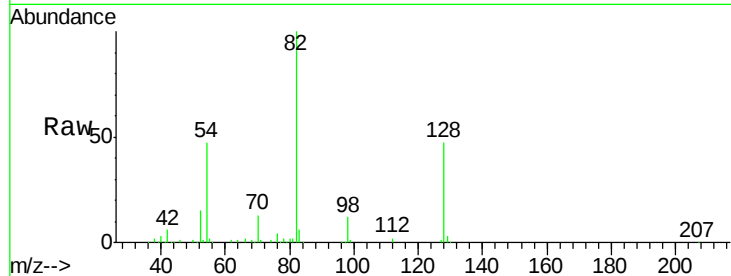




#23
 Nitrobenzene-d5
 Concen: 73.82 ng
 RT: 7.79 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF078005.D
 Acq: 26 Mar 2015 19:56

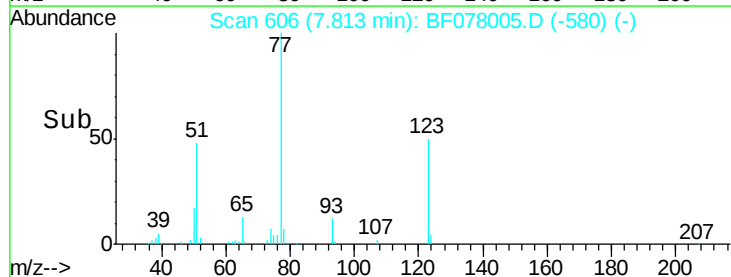
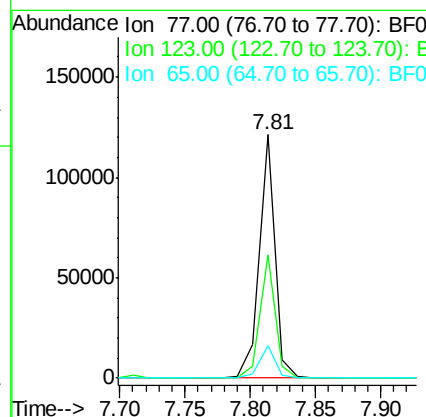
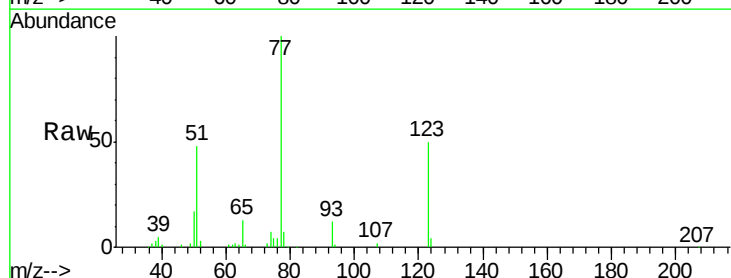
Instrument :
 BNA_F
 ClientSampleId :
 PB82321BS

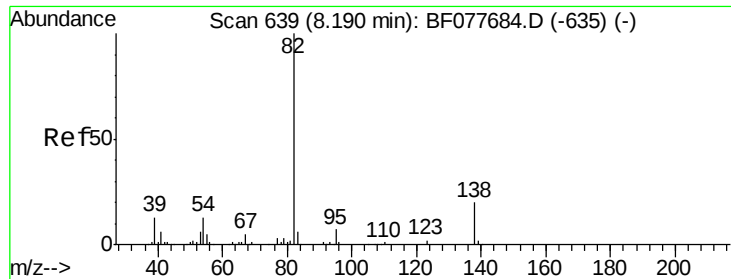
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.0	32.8	49.2
54	46.6	40.6	60.8



#24
 Nitrobenzene
 Concen: 36.55 ng
 RT: 7.81 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF078005.D
 Acq: 26 Mar 2015 19:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.4	32.6	49.0#
65	13.1	10.9	16.3

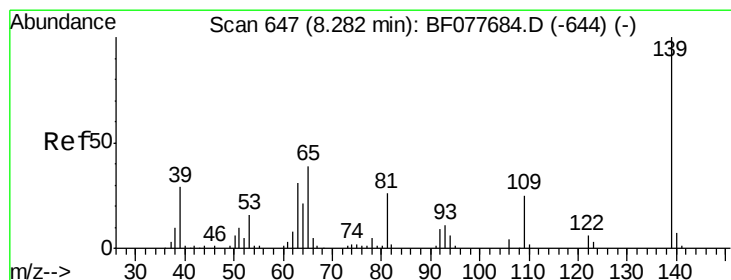
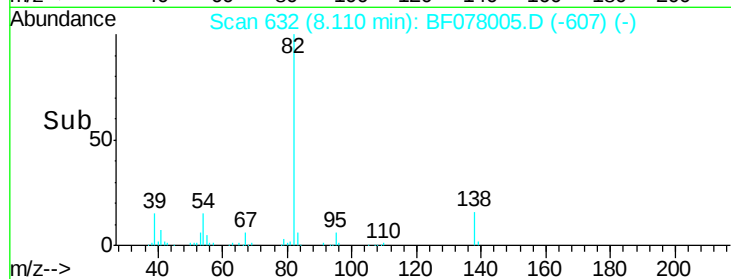
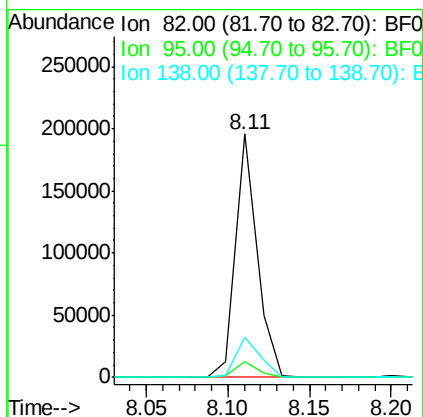
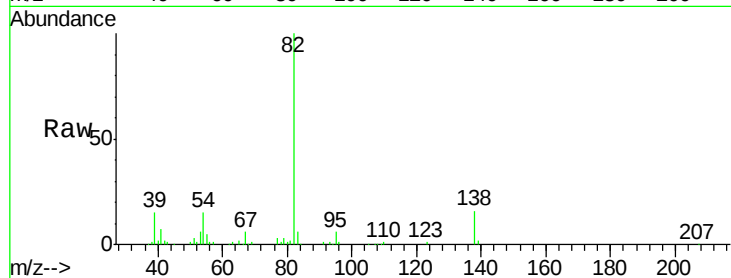




#25
Isophorone
Concen: 34.10 ng
RT: 8.11 min Scan# 632
Delta R.T. -0.01 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

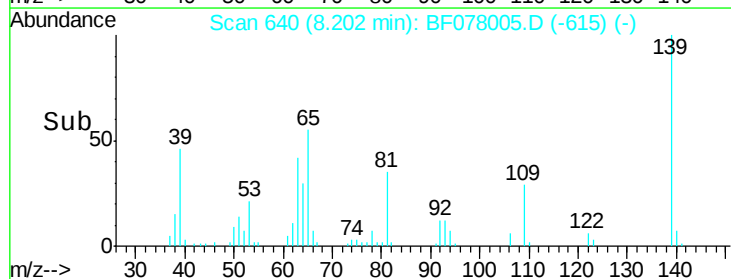
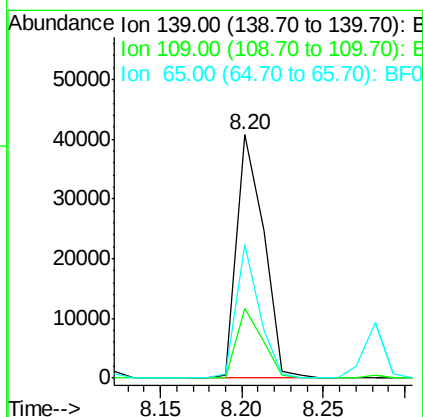
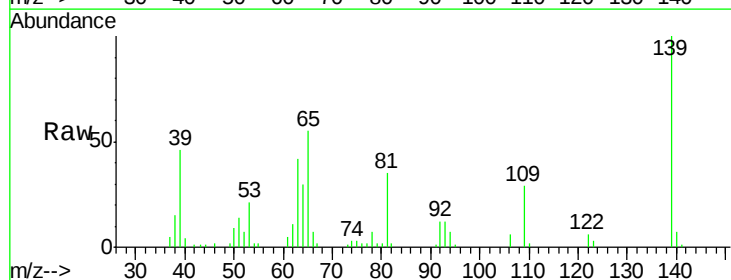
Instrument :
BNA_F
ClientSampleId :
PB82321BS

Tgt Ion: 82 Resp: 178488
Ion Ratio Lower Upper
82 100
95 6.5 5.8 8.6
138 16.2 16.3 24.5#



#26
2-Nitrophenol
Concen: 33.96 ng
RT: 8.20 min Scan# 640
Delta R.T. -0.01 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

Tgt Ion: 139 Resp: 46423
Ion Ratio Lower Upper
139 100
109 28.8 20.1 30.1
65 54.6 31.5 47.3#





#27

2,4-Dimethylphenol

Concen: 37.65 ng

RT: 8.28 min Scan# 647

Delta R.T. -0.00 min

Lab File: BF078005.D

Acq: 26 Mar 2015 19:56

Instrument :

BNA_F

ClientSampleId :

PB82321BS

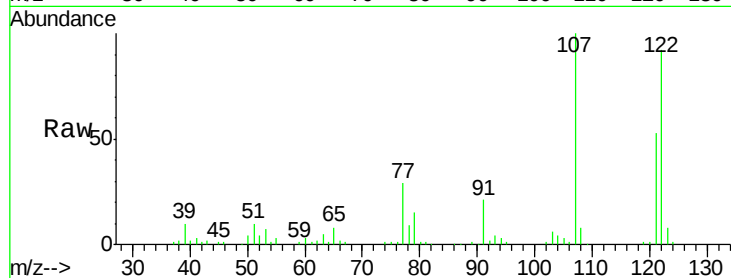
Tgt Ion: 122 Resp: 93758

Ion Ratio Lower Upper

122 100

107 109.2 84.7 127.1

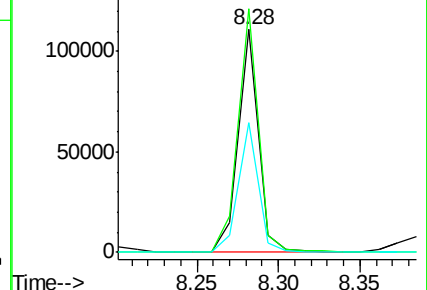
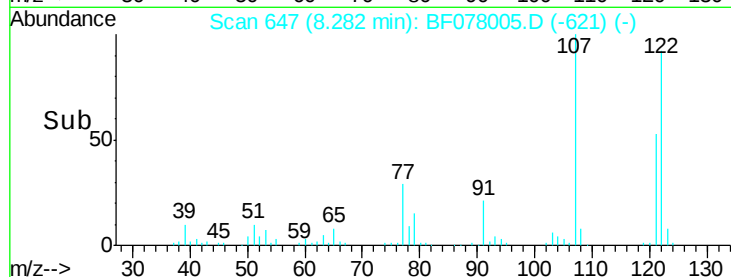
121 58.4 46.6 69.8



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: 36.63 ng

RT: 8.40 min Scan# 657

Delta R.T. -0.00 min

Lab File: BF078005.D

Acq: 26 Mar 2015 19:56

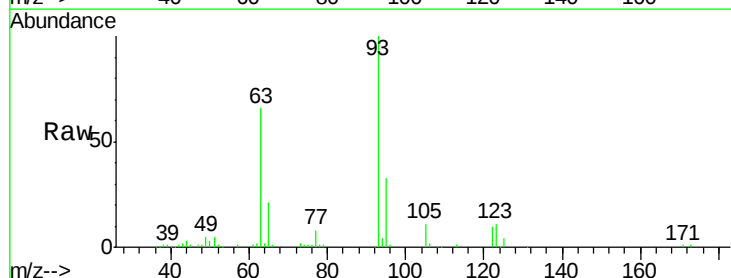
Tgt Ion: 93 Resp: 116378

Ion Ratio Lower Upper

93 100

95 32.6 25.5 38.3

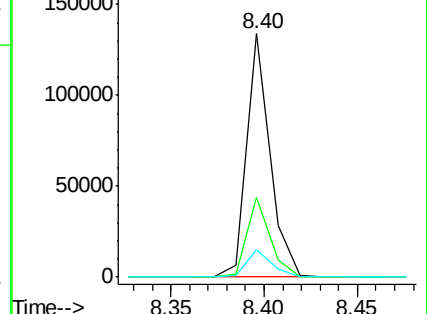
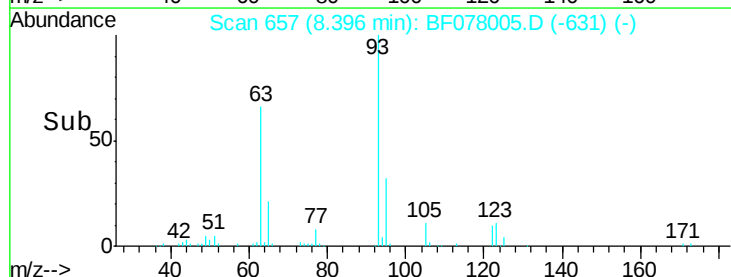
123 11.0 8.6 13.0

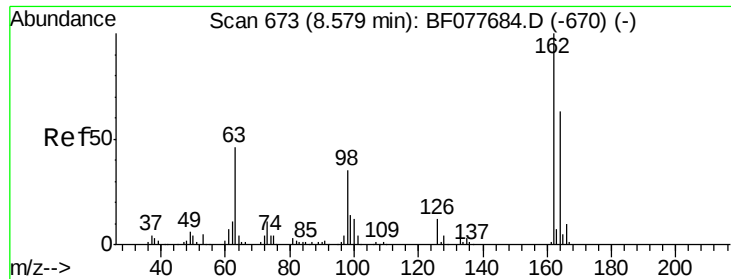


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

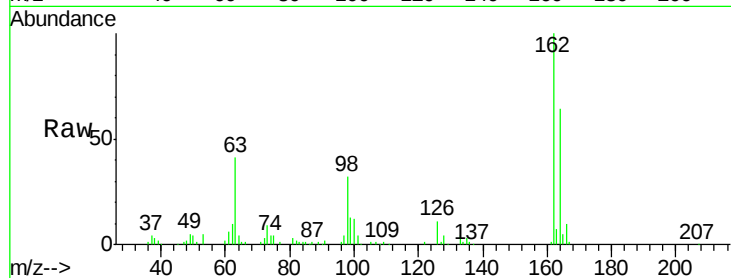




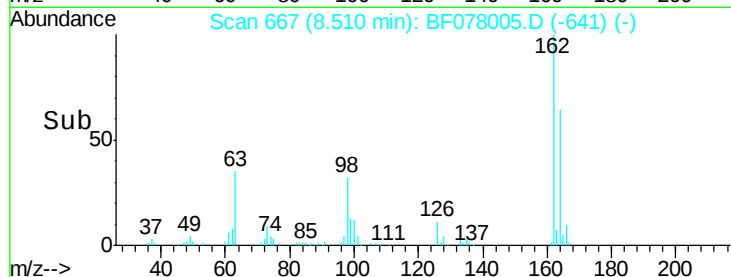
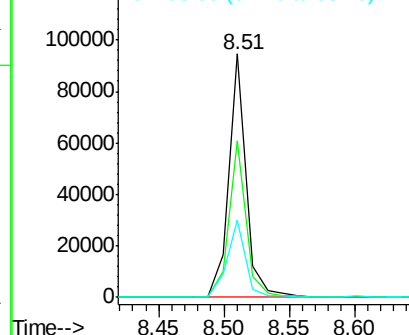
#29
2,4-Dichlorophenol
Concen: 37.07 ng
RT: 8.51 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

Instrument :
BNA_F
ClientSampleId :
PB82321BS

Tgt Ion:162 Resp: 88002
Ion Ratio Lower Upper
162 100
164 64.3 42.8 82.8
98 31.8 14.5 54.5

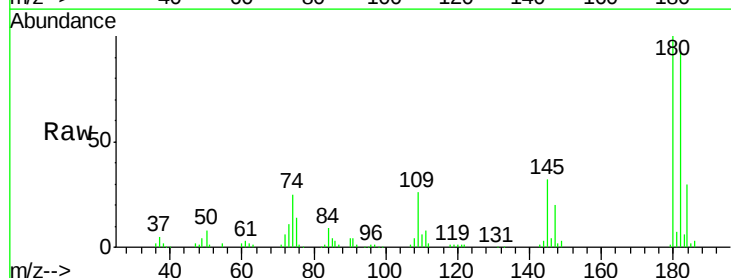


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

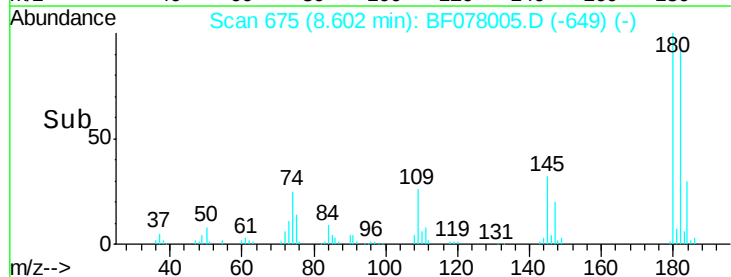
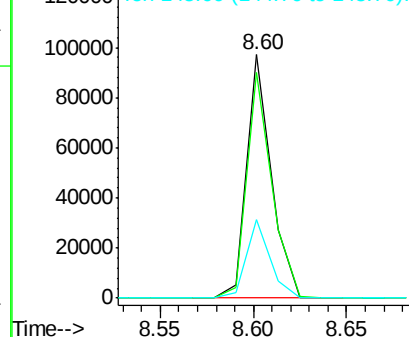


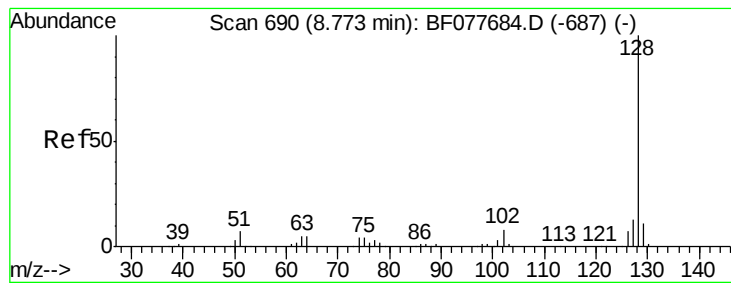
#30
1,2,4-Trichlorobenzene
Concen: 33.50 ng
RT: 8.60 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

Tgt Ion:180 Resp: 88958
Ion Ratio Lower Upper
180 100
182 92.5 77.6 116.4
145 32.1 23.4 35.2



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: 33.39 ng

RT: 8.69 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF078005.D

Acq: 26 Mar 2015 19:56

Instrument :

BNA_F

ClientSampleId :

PB82321BS

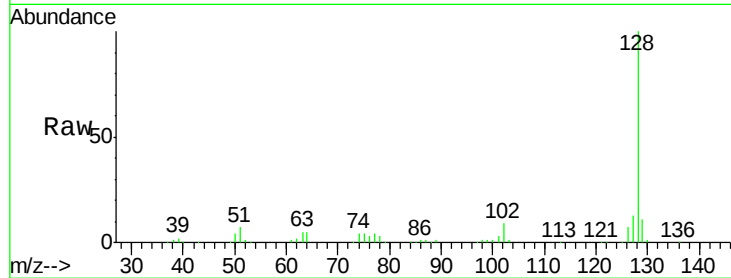
Tgt Ion:128 Resp: 291356

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

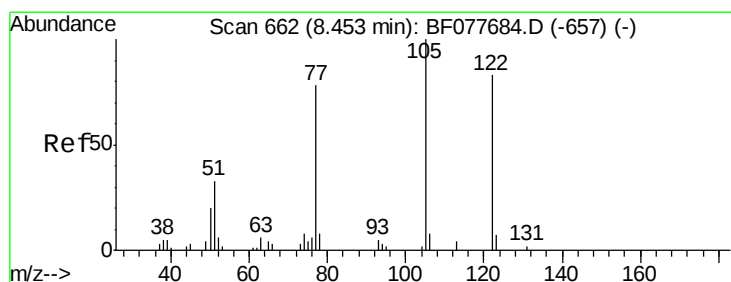
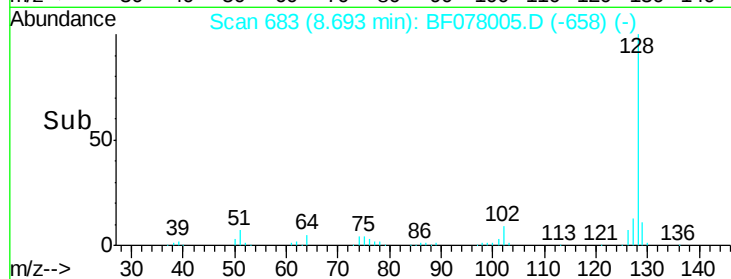
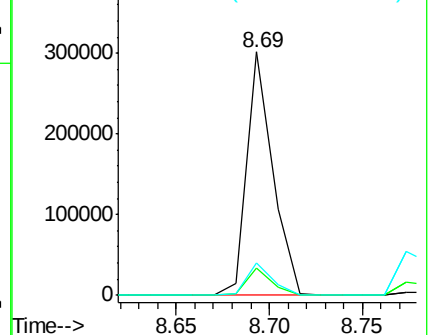
127 13.1 10.4 15.6



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: 25.48 ng

RT: 8.40 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF078005.D

Acq: 26 Mar 2015 19:56

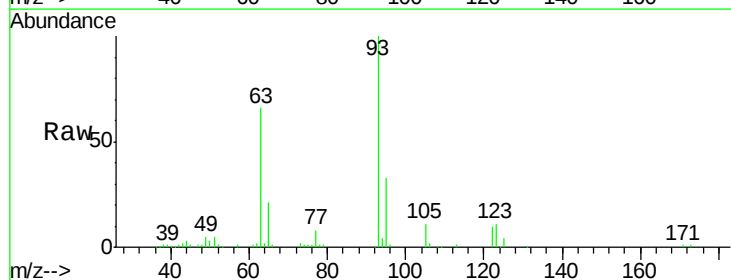
Tgt Ion:122 Resp: 33246

Ion Ratio Lower Upper

122 100

105 117.4 99.9 139.9

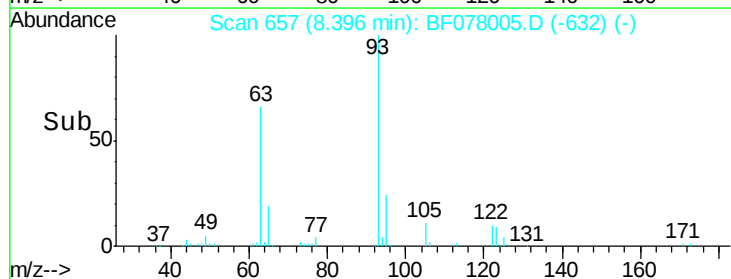
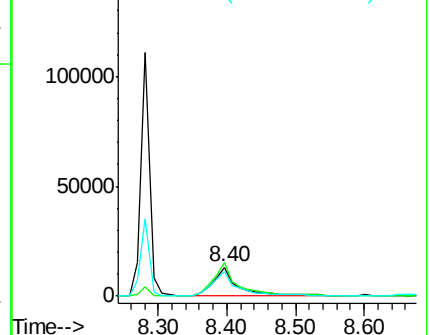
77 85.2 73.7 113.7

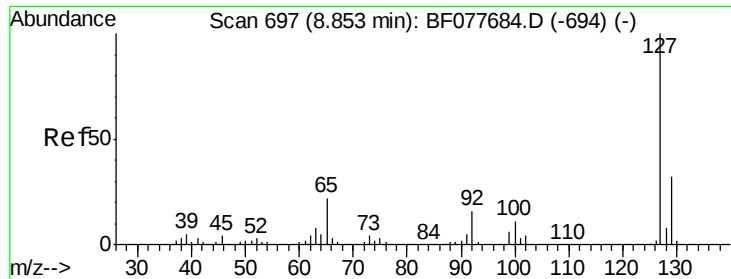


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

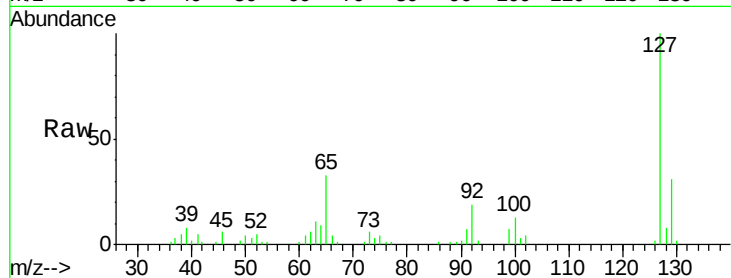




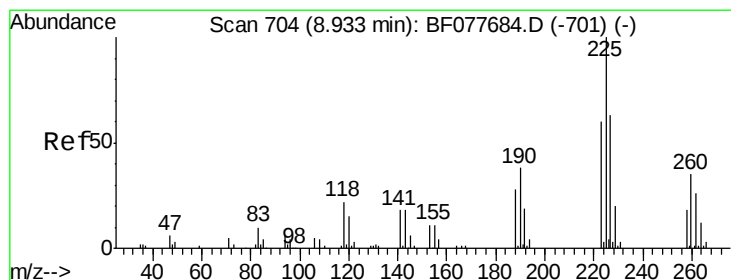
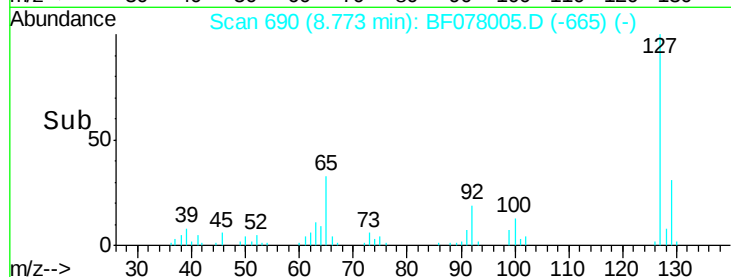
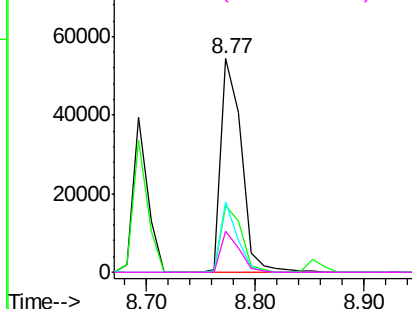
#33
4-Chloroaniline
Concen: 20.23 ng
RT: 8.77 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

Instrument :
BNA_F
ClientSampleId :
PB82321BS

Tgt Ion:	127	Resp:	71631
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.3	37.9
65	32.7	17.6	26.4
92	19.3	13.1	19.7

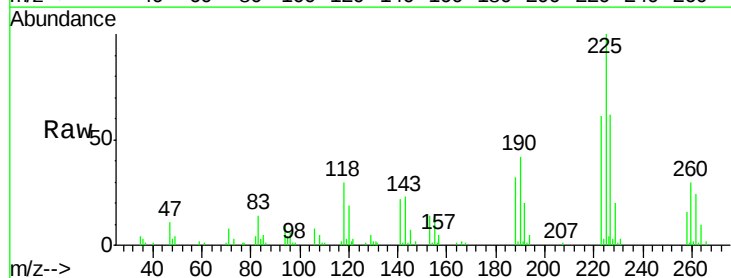


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

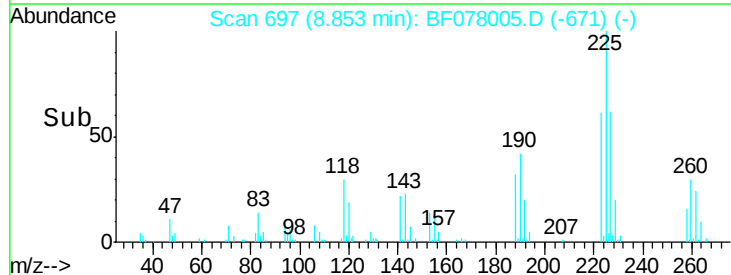
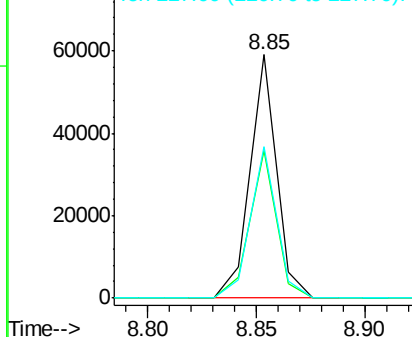


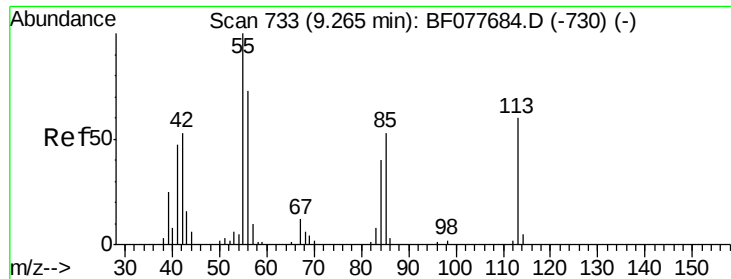
#34
Hexachlorobutadiene
Concen: 33.28 ng
RT: 8.85 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

Tgt Ion:	225	Resp:	50089
Ion	Ratio	Lower	Upper
225	100		
223	60.8	47.9	71.9
227	62.1	50.1	75.1



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

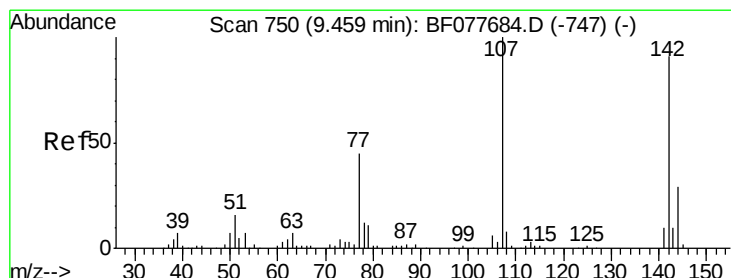
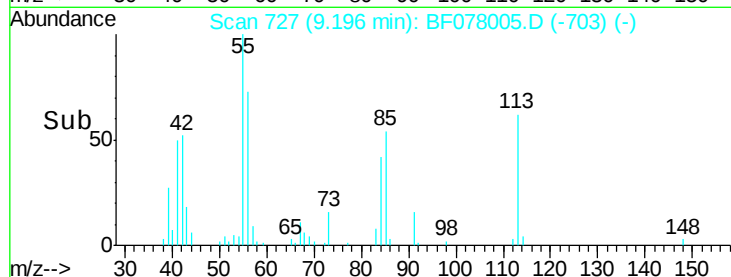
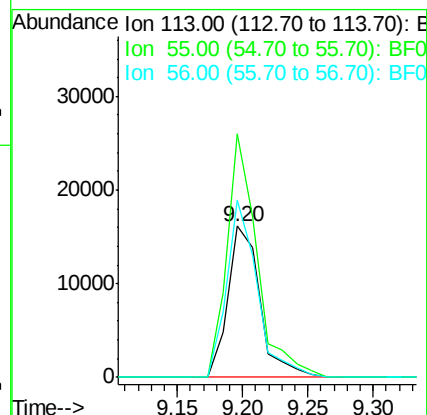
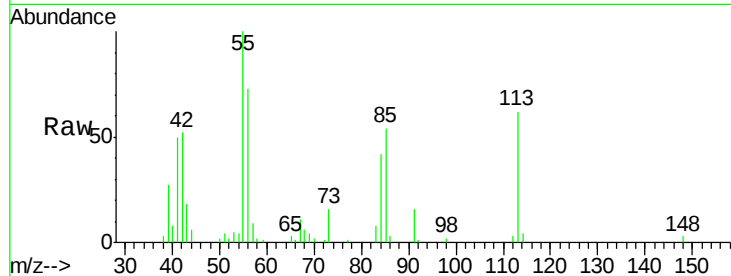




#35
 Caprolactam
 Concen: 39.60 ng
 RT: 9.20 min Scan# 727
 Delta R.T. -0.02 min
 Lab File: BF078005.D
 Acq: 26 Mar 2015 19:56

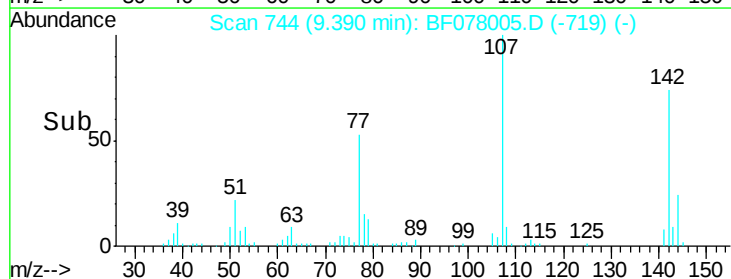
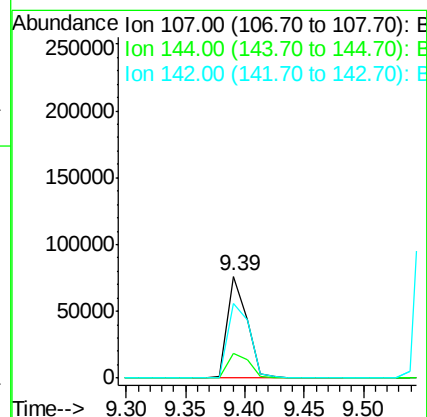
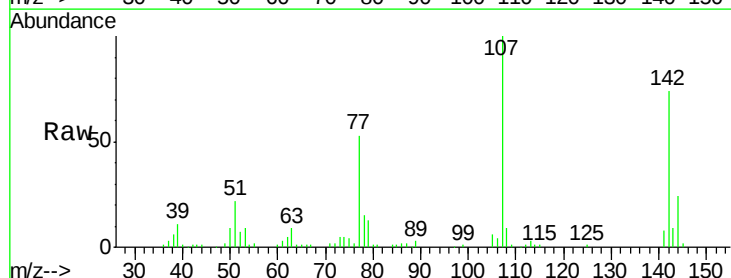
Instrument :
 BNA_F
 ClientSampleId :
 PB82321BS

Tgt Ion:113 Resp: 27474
 Ion Ratio Lower Upper
 113 100
 55 161.3 145.9 185.9
 56 117.5 101.0 141.0



#36
 4-Chloro-3-methylphenol
 Concen: 36.62 ng
 RT: 9.39 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF078005.D
 Acq: 26 Mar 2015 19:56

Tgt Ion:107 Resp: 87452
 Ion Ratio Lower Upper
 107 100
 144 23.9 23.3 34.9
 142 73.9 72.6 109.0

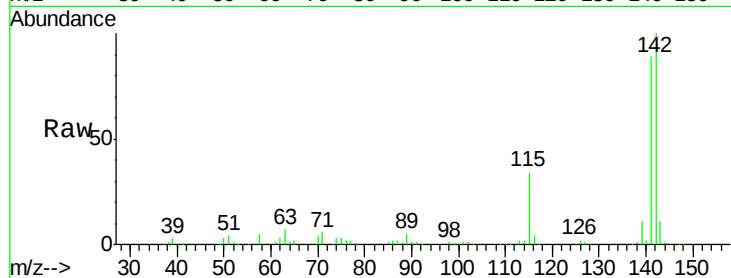




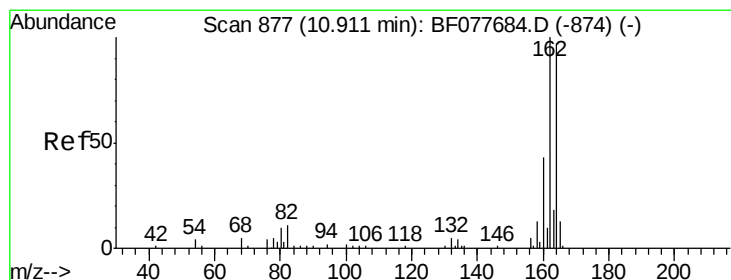
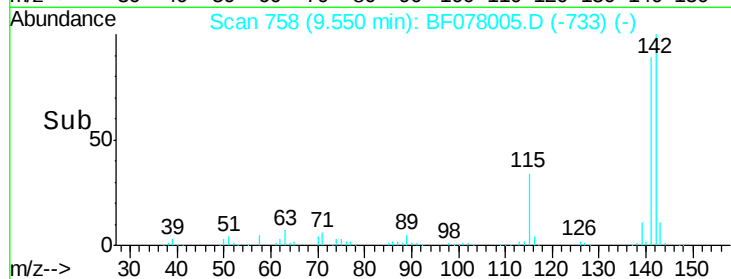
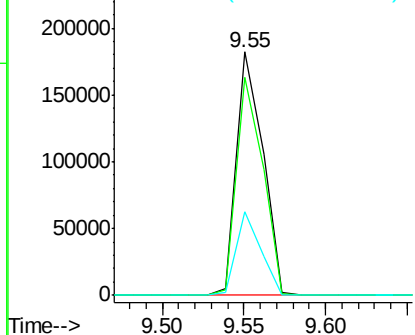
#37
 2-Methylnaphthalene
 Concen: 34.63 ng
 RT: 9.55 min Scan# 758
 Delta R.T. -0.01 min
 Lab File: BF078005.D
 Acq: 26 Mar 2015 19:56

Instrument :
 BNA_F
 ClientSampleId :
 PB82321BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.9	107.9
115	34.1	25.4	38.0

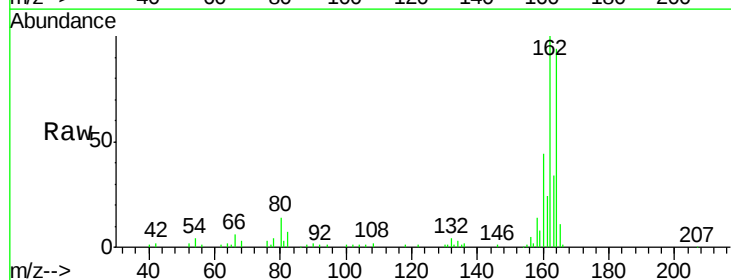


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

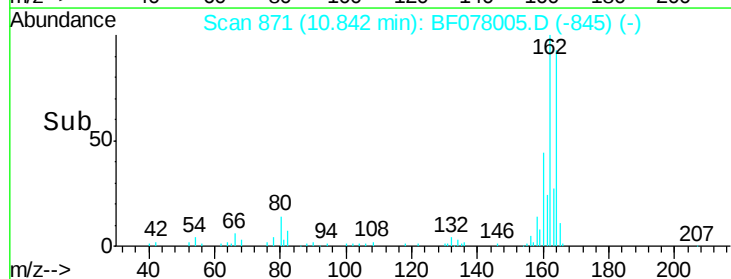
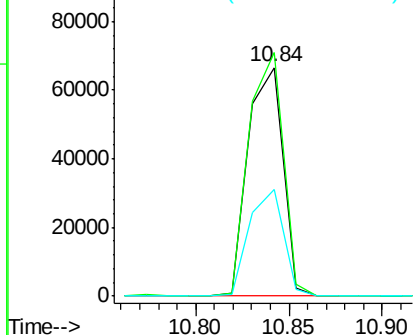


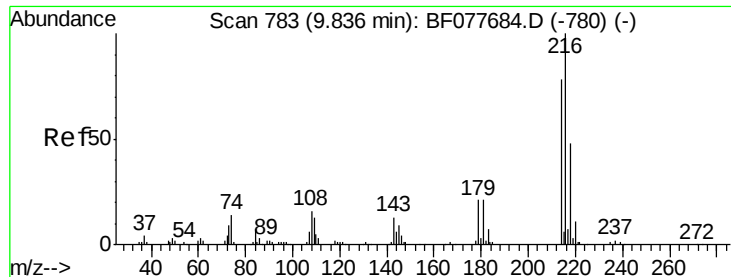
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BF078005.D
 Acq: 26 Mar 2015 19:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.4	82.4	123.6
160	46.7	35.8	53.6



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: 33.71 ng

RT: 9.76 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF078005.D

Acq: 26 Mar 2015 19:56

Instrument :

BNA_F

ClientSampleId :

PB82321BS

Tgt Ion:216 Resp: 86716

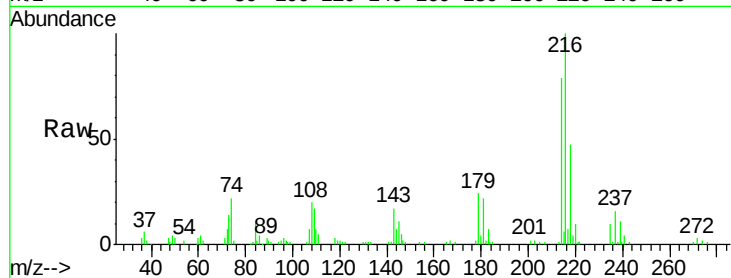
Ion Ratio Lower Upper

216 100

214 79.0 0.0 0.0#

179 21.9 0.0 0.0#

108 20.0 0.0 0.0#

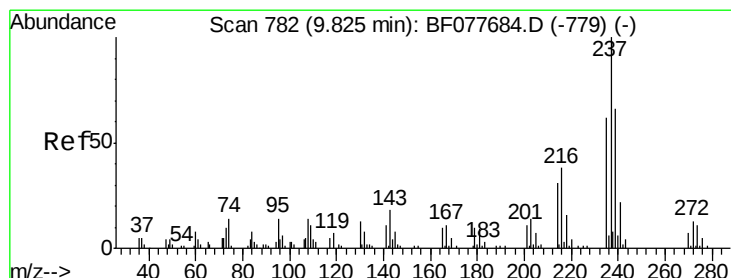
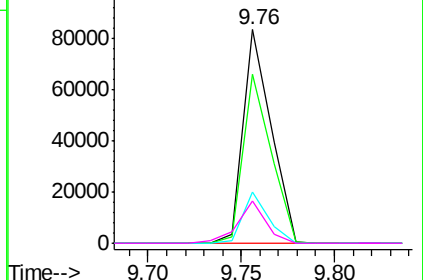
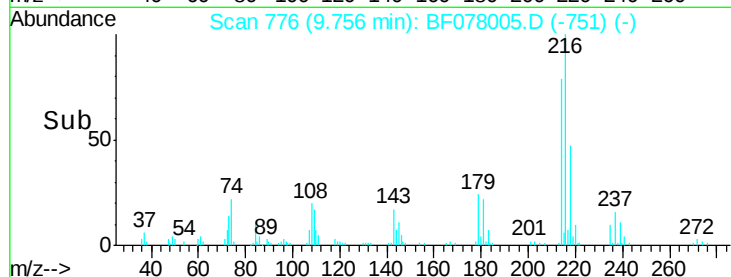


Abundance Ion 216.00 (215.70 to 216.70): E

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: 60.20 ng

RT: 9.74 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF078005.D

Acq: 26 Mar 2015 19:56

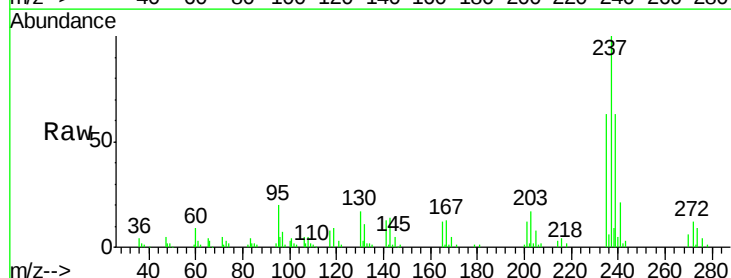
Tgt Ion:237 Resp: 76469

Ion Ratio Lower Upper

237 100

235 62.6 42.0 82.0

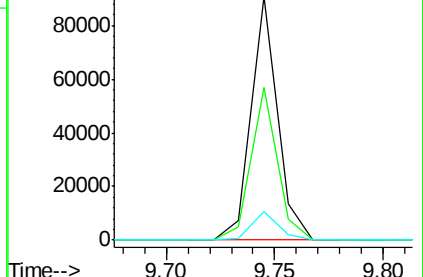
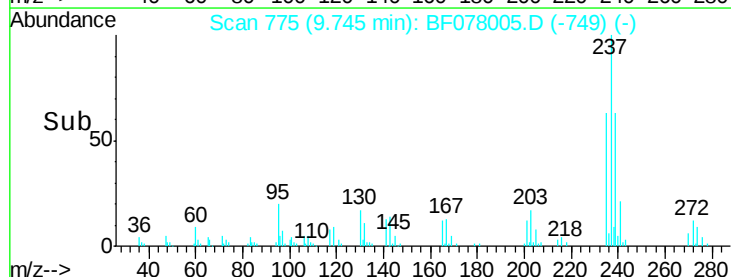
272 11.8 0.0 33.4

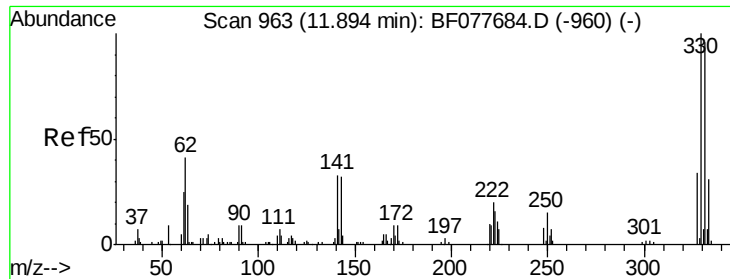


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

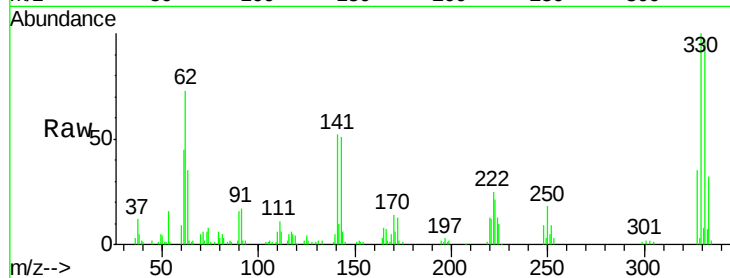




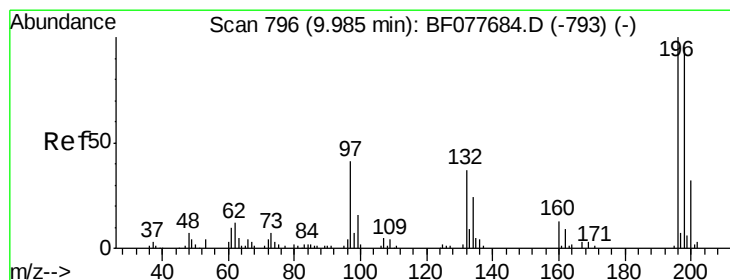
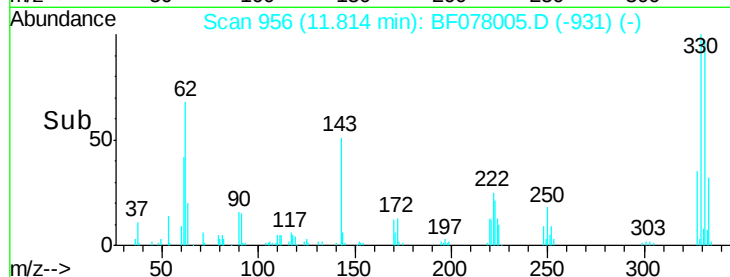
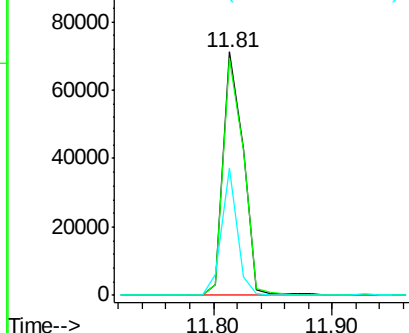
#41
 2,4,6-Tribromophenol
 Concen: 100.56 ng
 RT: 11.81 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF078005.D
 Acq: 26 Mar 2015 19:56

Instrument :
 BNA_F
 ClientSampleId :
 PB82321BS

Tgt Ion:330 Resp: 82972
 Ion Ratio Lower Upper
 330 100
 332 97.8 0.0 0.0#
 141 40.6 0.0 0.0#

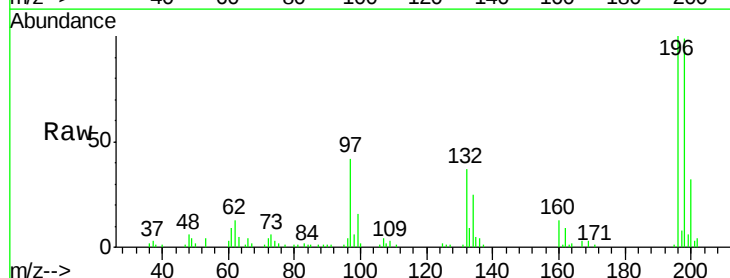


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

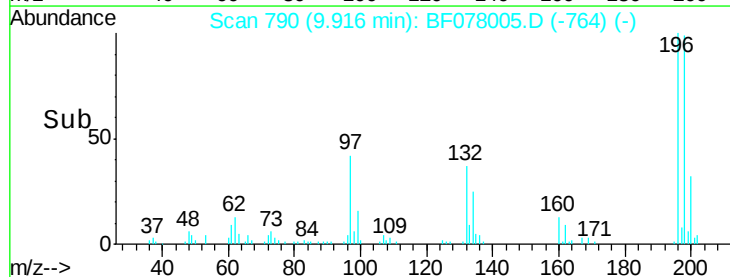
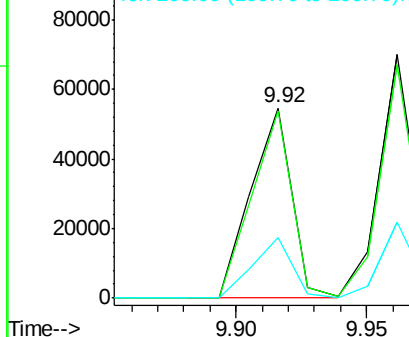


#42
 2,4,6-Trichlorophenol
 Concen: 33.71 ng
 RT: 9.92 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF078005.D
 Acq: 26 Mar 2015 19:56

Tgt Ion:196 Resp: 60065
 Ion Ratio Lower Upper
 196 100
 198 98.7 76.3 114.5
 200 31.6 25.6 38.4



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

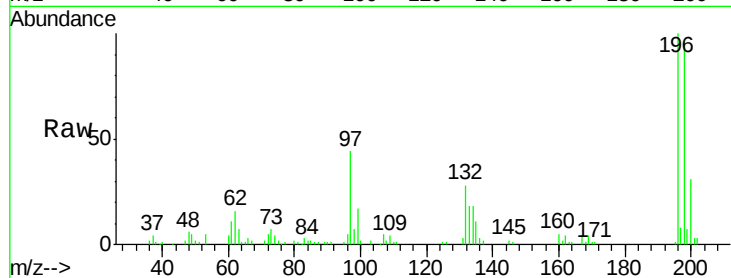




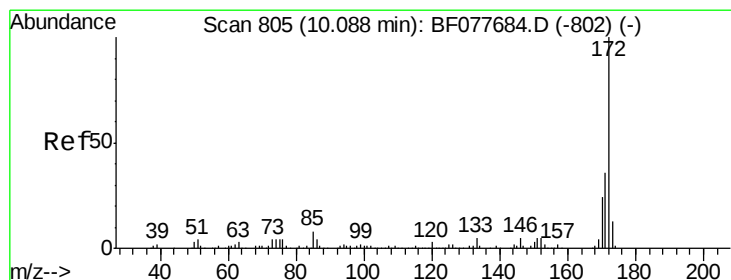
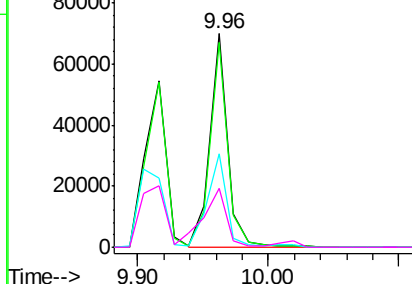
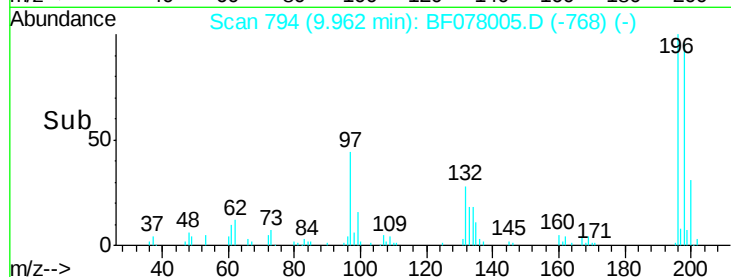
#43
 2,4,5-Trichlorophenol
 Concen: 34.81 ng
 RT: 9.96 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF078005.D
 Acq: 26 Mar 2015 19:56

Instrument :
 BNA_F
 ClientSampleId :
 PB82321BS

Tgt Ion:196 Resp: 67012
 Ion Ratio Lower Upper
 196 100
 198 95.7 79.4 119.0
 97 43.6 26.8 40.2#
 132 27.6 18.6 28.0

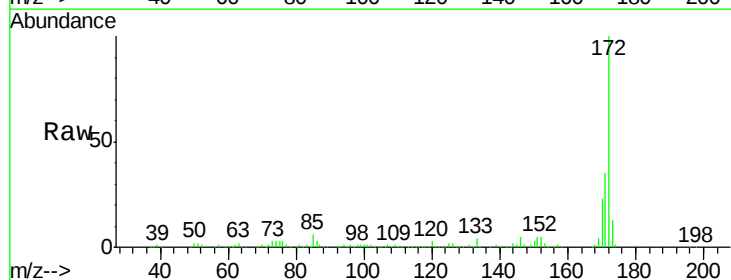


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

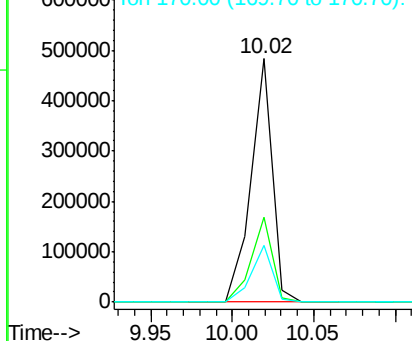
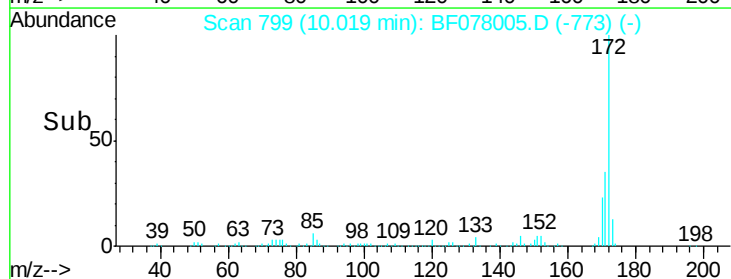


#44
 2-Fluorobiphenyl
 Concen: 74.59 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF078005.D
 Acq: 26 Mar 2015 19:56

Tgt Ion:172 Resp: 437714
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 23.5 18.8 28.2



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

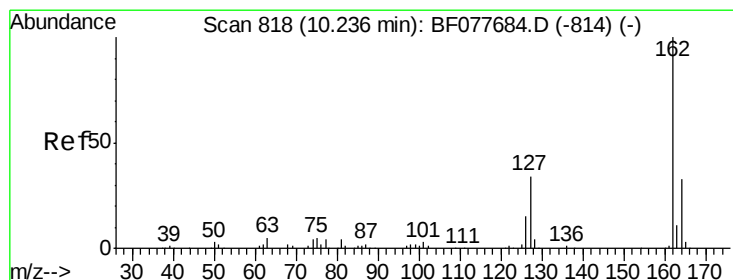
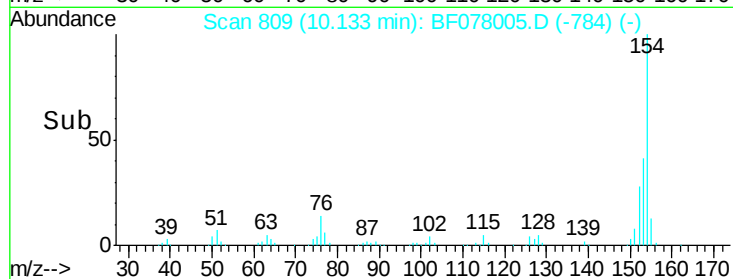
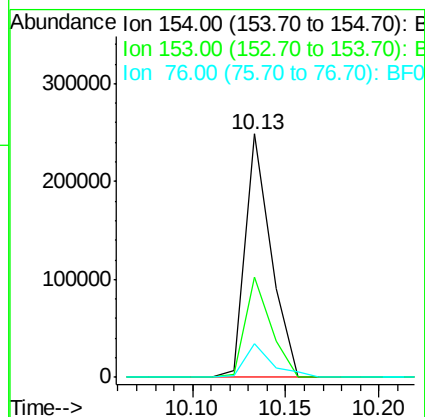
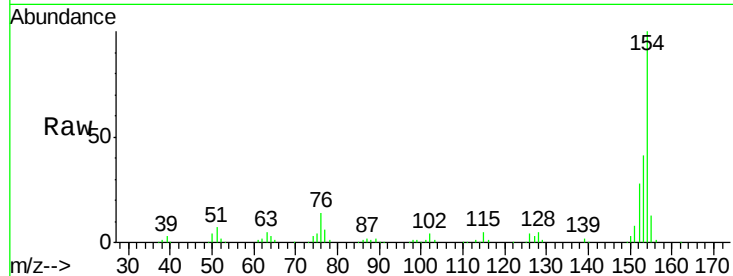




#45
1,1'-Biphenyl
Concen: 34.59 ng
RT: 10.13 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

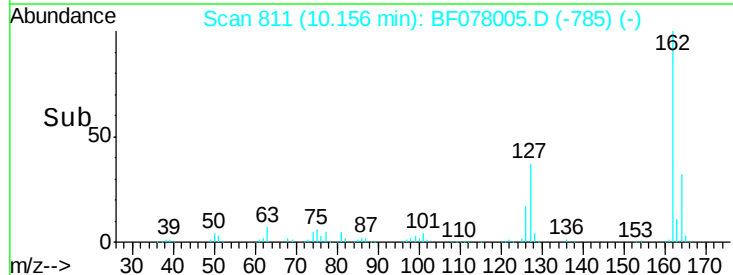
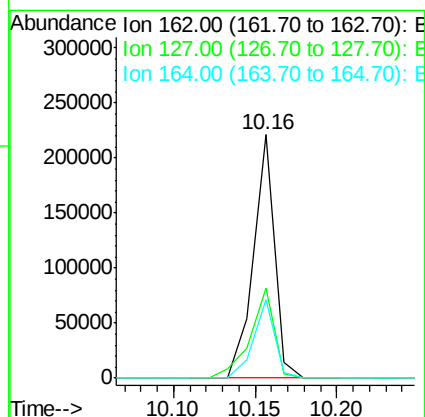
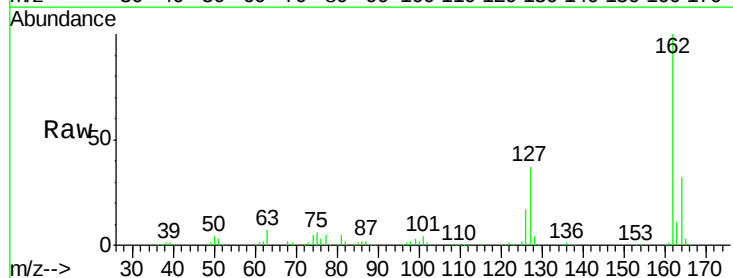
Instrument :
BNA_F
ClientSampleId :
PB82321BS

Tgt Ion:154 Resp: 238432
Ion Ratio Lower Upper
154 100
153 41.1 20.7 60.7
76 13.7 0.0 30.9



#46
2-Chloronaphthalene
Concen: 35.53 ng
RT: 10.16 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

Tgt Ion:162 Resp: 199060
Ion Ratio Lower Upper
162 100
127 37.0 26.9 40.3
164 32.4 26.8 40.2

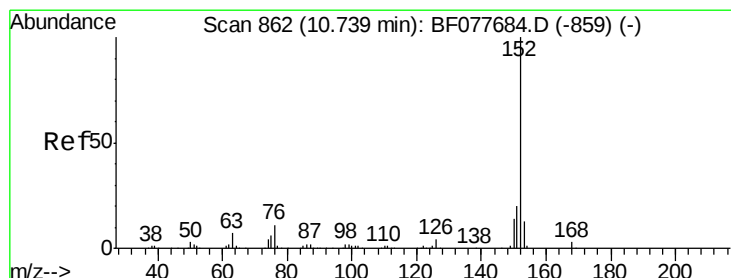
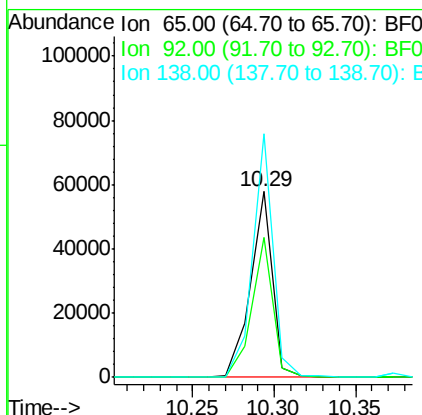
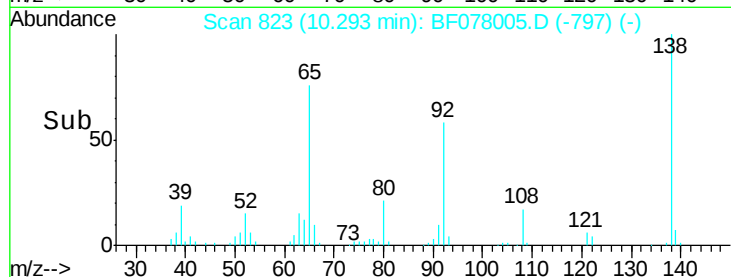
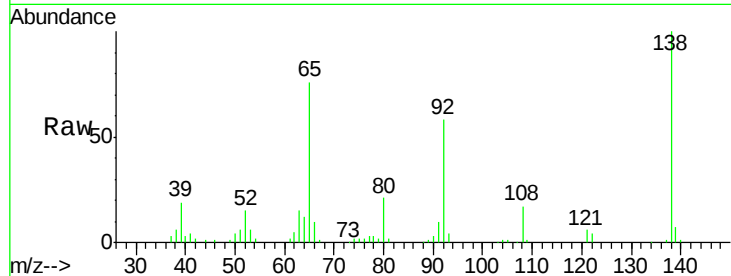




#47
 2-Nitroaniline
 Concen: 38.78 ng
 RT: 10.29 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF078005.D
 Acq: 26 Mar 2015 19:56

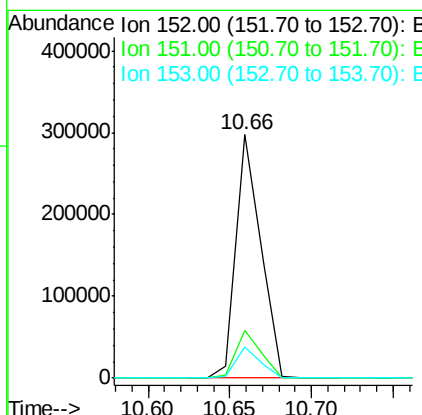
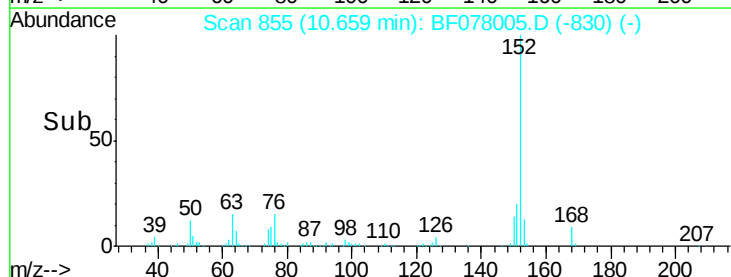
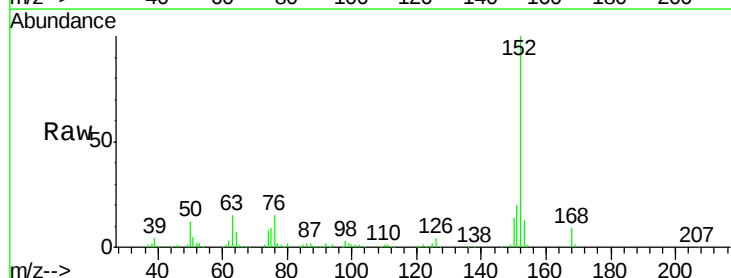
Instrument :
 BNA_F
 ClientSampleId :
 PB82321BS

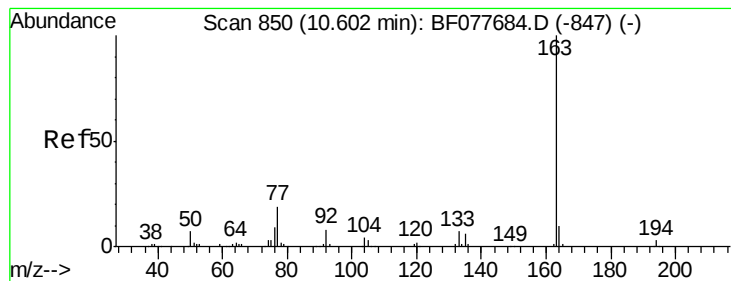
Tgt Ion: 65 Resp: 53964
 Ion Ratio Lower Upper
 65 100
 92 75.7 59.1 88.7
 138 131.3 93.9 140.9



#48
 Acenaphthylene
 Concen: 33.28 ng
 RT: 10.66 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: BF078005.D
 Acq: 26 Mar 2015 19:56

Tgt Ion: 152 Resp: 310001
 Ion Ratio Lower Upper
 152 100
 151 19.8 15.9 23.9
 153 12.9 10.6 16.0





#49

Dimethylphthalate

Concen: 35.43 ng

RT: 10.53 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF078005.D

Acq: 26 Mar 2015 19:56

Instrument :

BNA_F

ClientSampleId :

PB82321BS

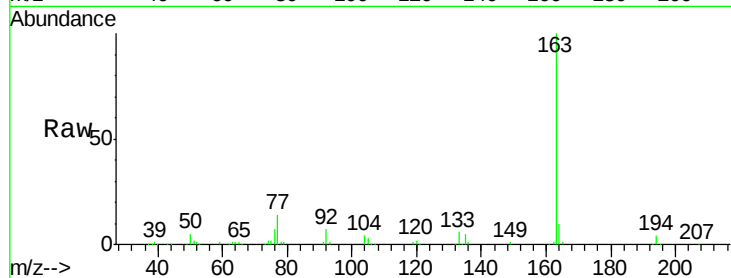
Tgt Ion:163 Resp: 226604

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

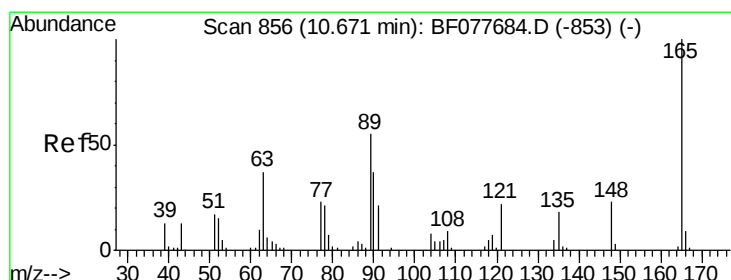
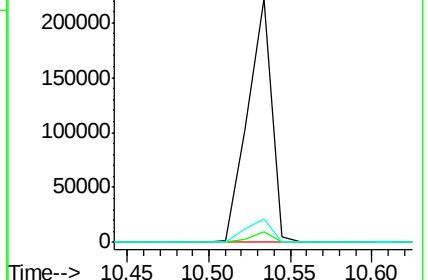
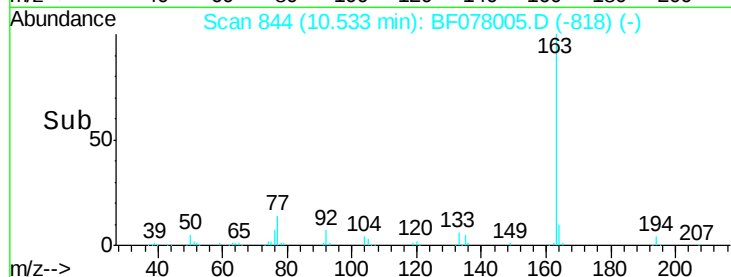
164 9.7 8.2 12.2



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: 38.79 ng

RT: 10.60 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF078005.D

Acq: 26 Mar 2015 19:56

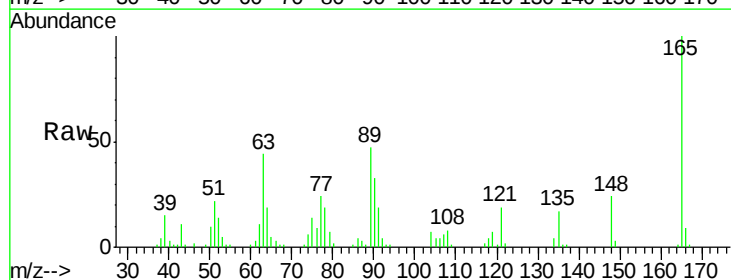
Tgt Ion:165 Resp: 51425

Ion Ratio Lower Upper

165 100

63 43.7 44.1 66.1#

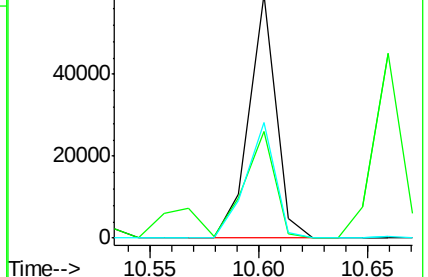
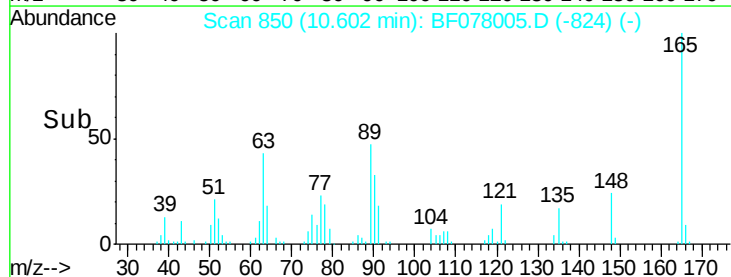
89 47.5 44.3 66.5



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: 33.20 ng

RT: 10.88 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF078005.D

Acq: 26 Mar 2015 19:56

Instrument :

BNA_F

ClientSampleId :

PB82321BS

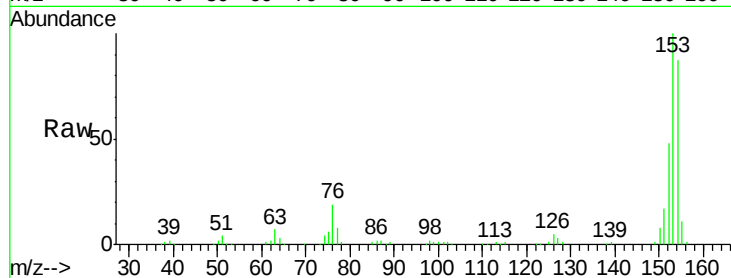
Tgt Ion:154 Resp: 177347

Ion Ratio Lower Upper

154 100

153 114.9 90.0 135.0

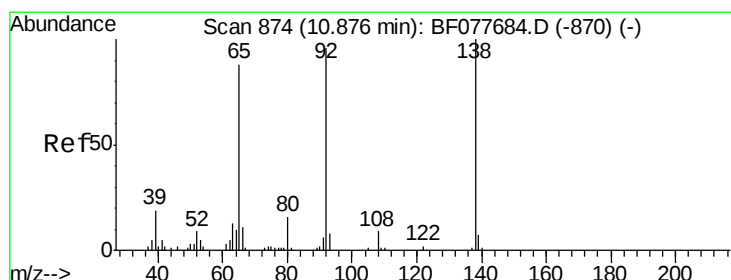
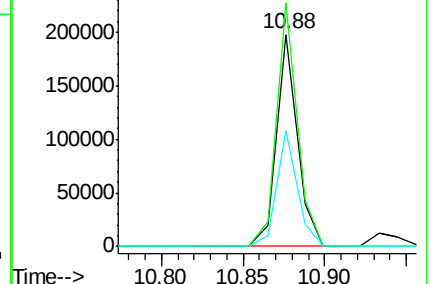
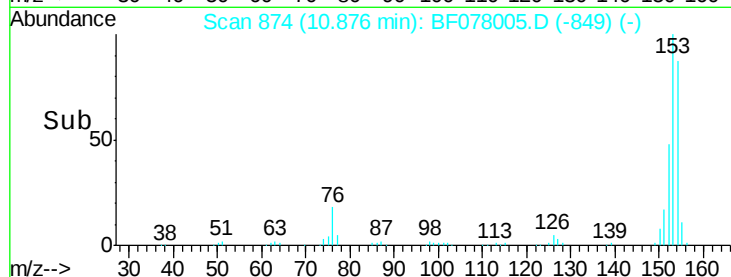
152 54.7 42.6 63.8



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: 26.79 ng

RT: 10.80 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF078005.D

Acq: 26 Mar 2015 19:56

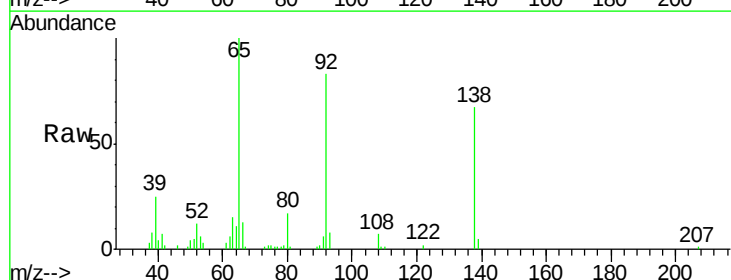
Tgt Ion:138 Resp: 41245

Ion Ratio Lower Upper

138 100

108 10.3 7.3 10.9

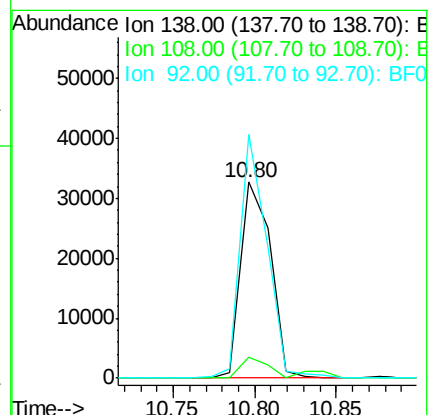
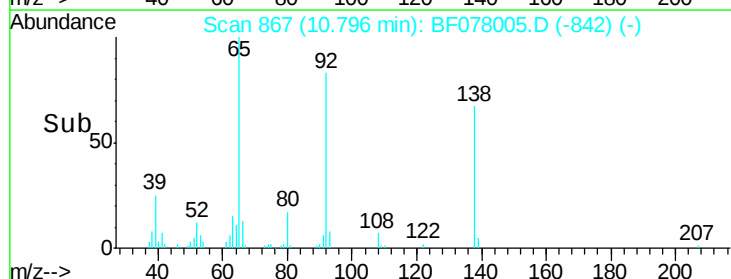
92 124.2 76.6 114.8#

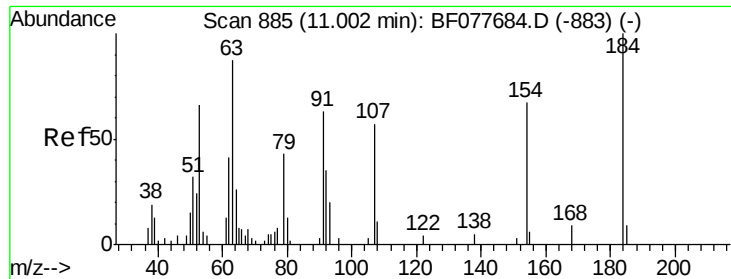


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

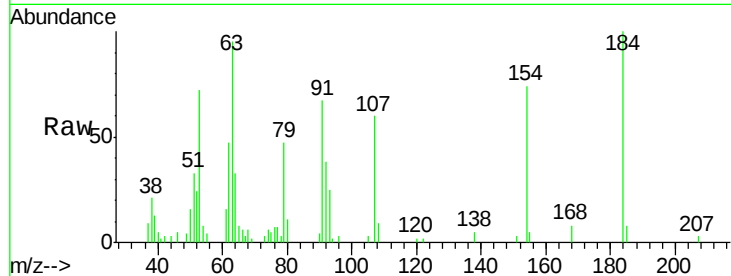




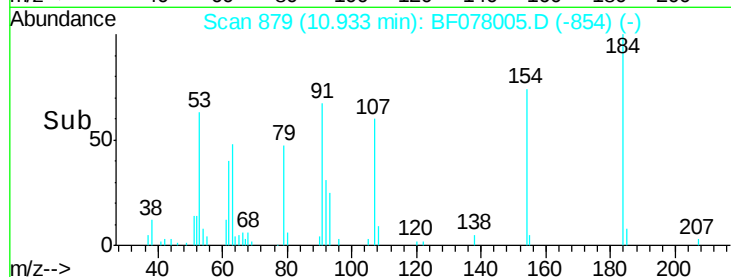
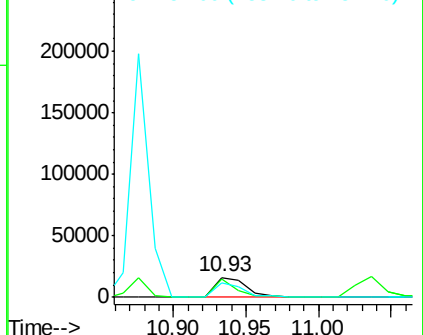
#53
2,4-Dinitrophenol
Concen: 54.56 ng
RT: 10.93 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

Instrument :
BNA_F
ClientSampleId :
PB82321BS

Tgt Ion:184 Resp: 25187
Ion Ratio Lower Upper
184 100
63 95.4 69.2 103.8
154 74.1 53.3 79.9

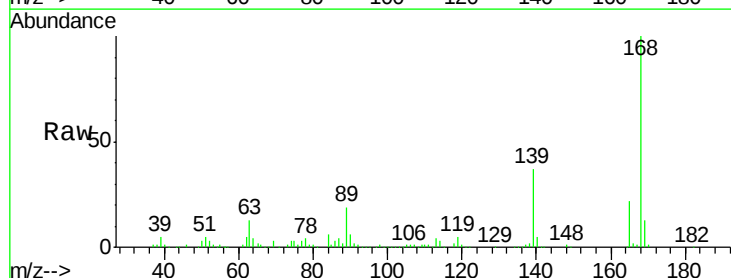


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

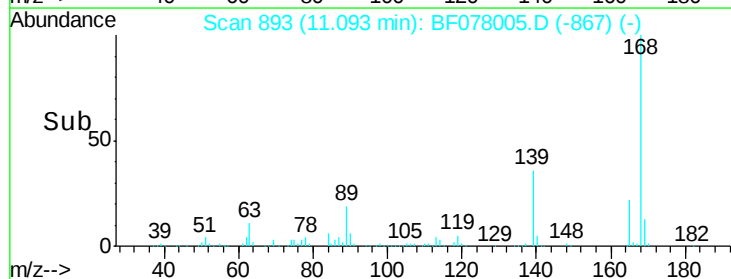
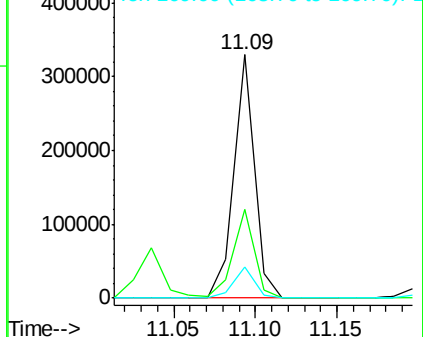


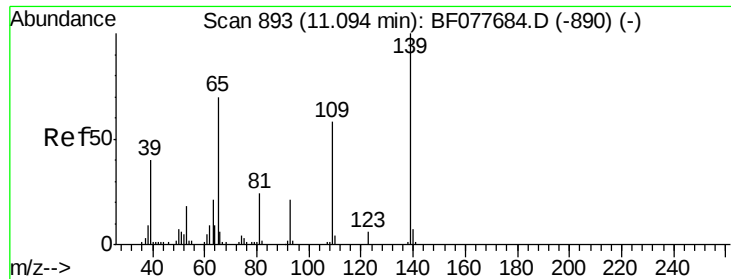
#54
Dibenzofuran
Concen: 36.17 ng
RT: 11.09 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

Tgt Ion:168 Resp: 286535
Ion Ratio Lower Upper
168 100
139 36.7 27.3 40.9
169 12.9 10.6 16.0



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

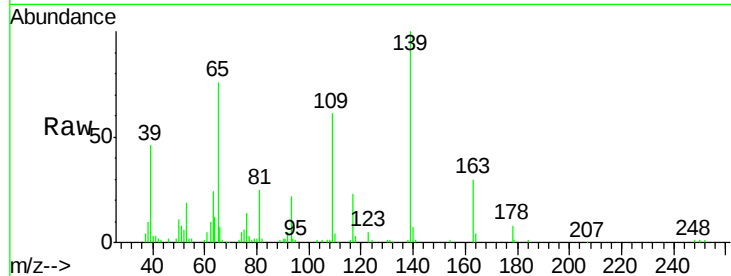




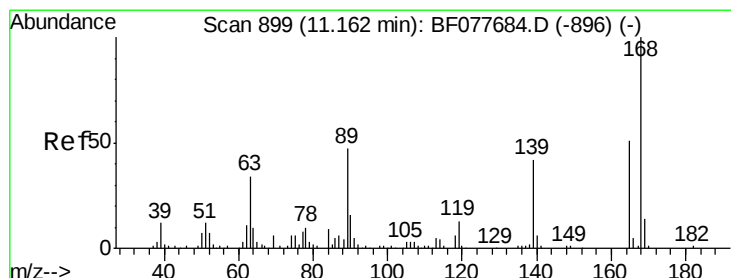
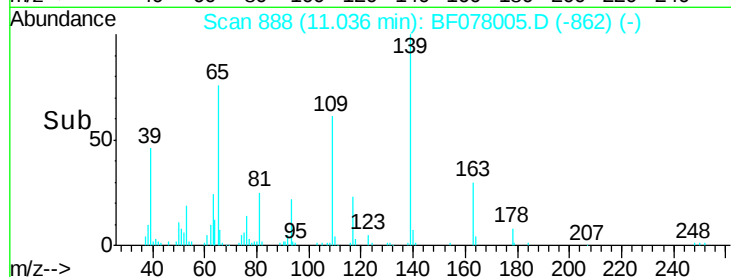
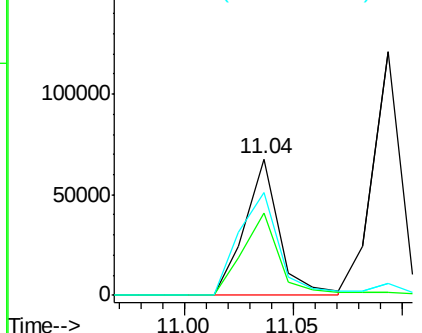
#55
4-Nitrophenol
Concen: 66.20 ng
RT: 11.04 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

Instrument :
BNA_F
ClientSampleId :
PB82321BS

Tgt Ion:139 Resp: 75510
Ion Ratio Lower Upper
139 100
109 60.6 37.7 77.7
65 75.6 49.9 89.9

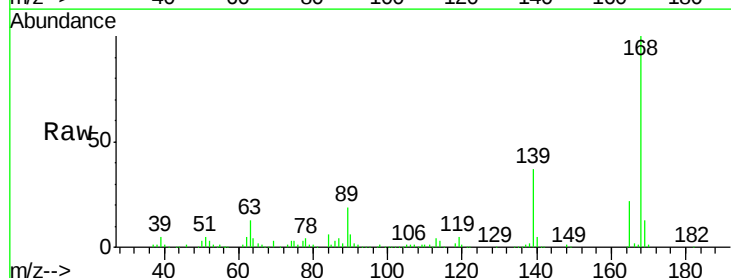


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BFO

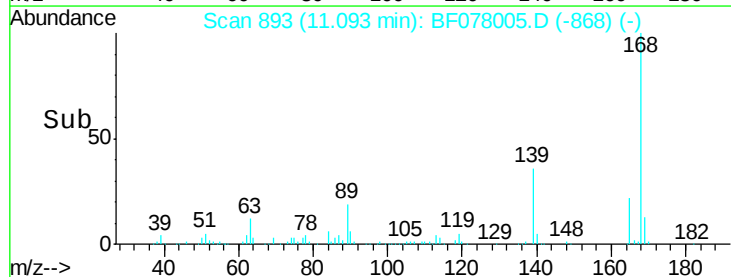
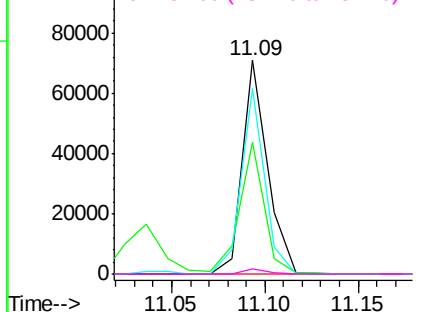


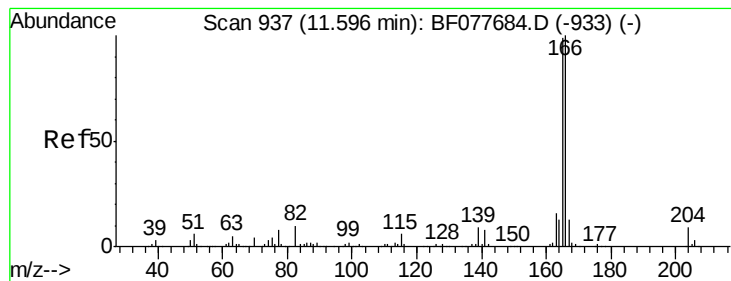
#56
2,4-Dinitrotoluene
Concen: 38.42 ng
RT: 11.09 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

Tgt Ion:165 Resp: 66425
Ion Ratio Lower Upper
165 100
63 61.9 52.4 78.6
89 86.8 72.4 108.6
182 2.2 2.0 3.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BFO
Ion 89.00 (88.70 to 89.70): BFO
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 35.45 ng

RT: 11.52 min Scan# 930

Delta R.T. -0.00 min

Lab File: BF078005.D

Acq: 26 Mar 2015 19:56

Instrument :

BNA_F

ClientSampleId :

PB82321BS

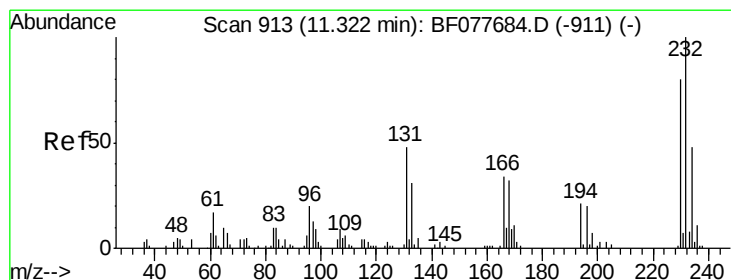
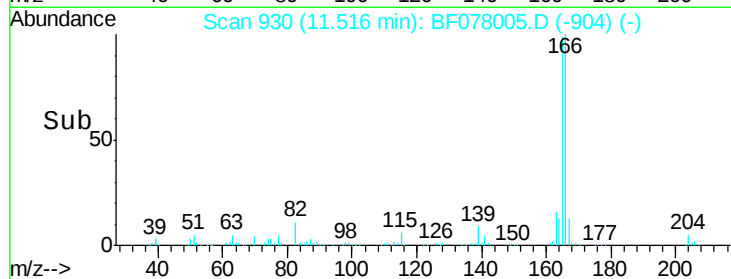
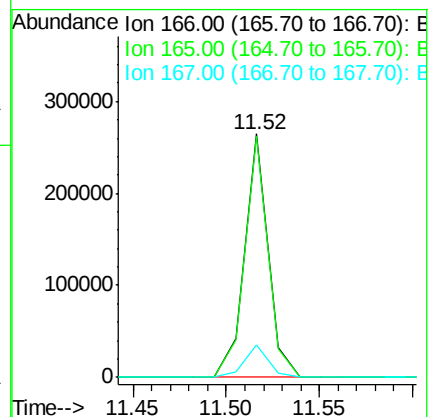
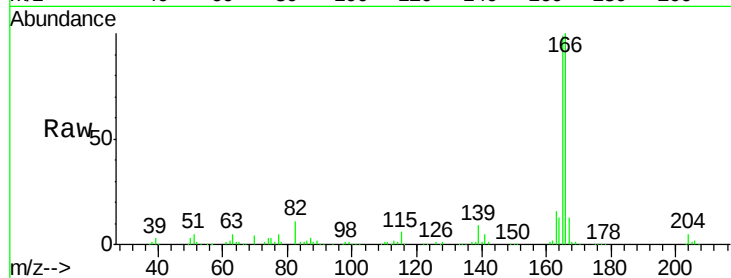
Tgt Ion:166 Resp: 233193

Ion Ratio Lower Upper

166 100

165 98.8 79.0 118.4

167 13.3 10.3 15.5



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.07 ng

RT: 11.25 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF078005.D

Acq: 26 Mar 2015 19:56

Tgt Ion:232 Resp: 53456

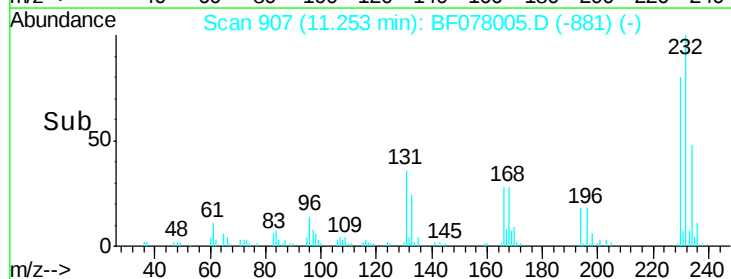
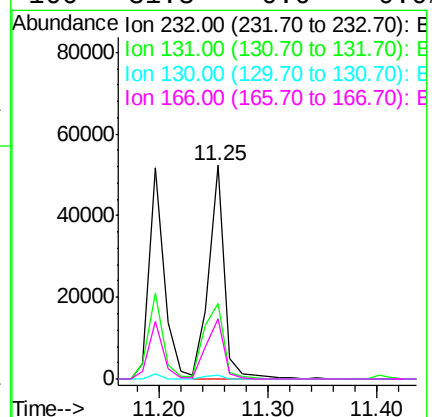
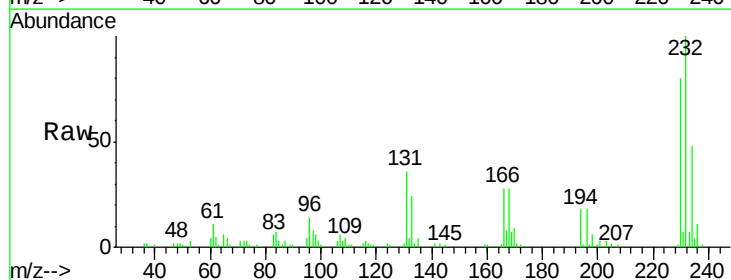
Ion Ratio Lower Upper

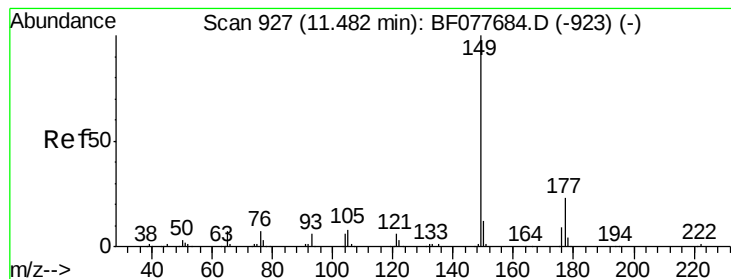
232 100

131 44.0 0.0 0.0#

130 2.0 0.0 0.0#

166 31.3 0.0 0.0#





#59

Diethylphthalate

Concen: 35.89 ng

RT: 11.40 min Scan# 920

Delta R.T. -0.01 min

Lab File: BF078005.D

Acq: 26 Mar 2015 19:56

Instrument :

BNA_F

ClientSampleId :

PB82321BS

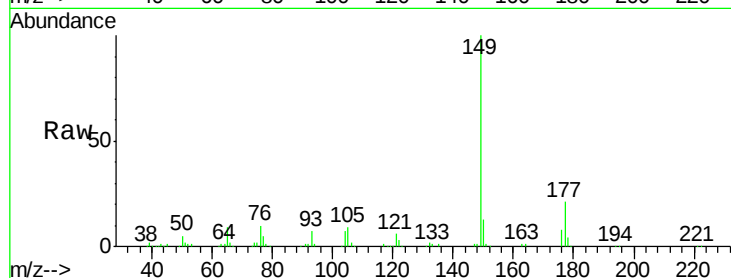
Tgt Ion:149 Resp: 223699

Ion Ratio Lower Upper

149 100

177 21.2 18.3 27.5

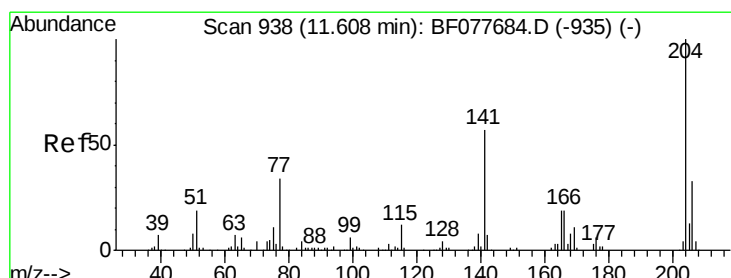
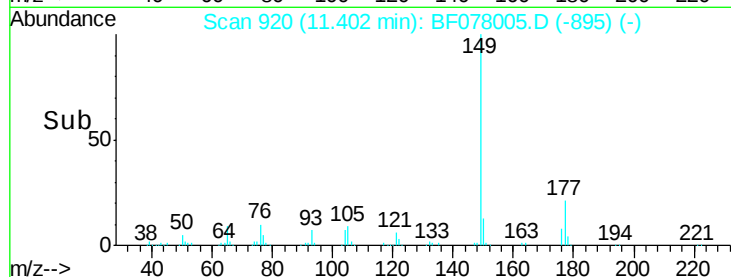
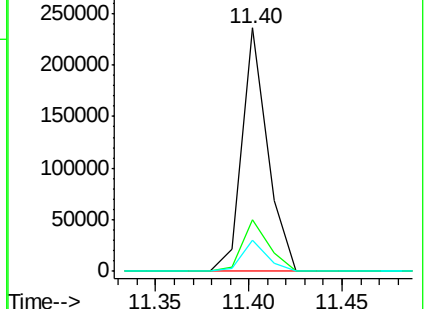
150 12.7 9.8 14.8



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: 35.07 ng

RT: 11.53 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF078005.D

Acq: 26 Mar 2015 19:56

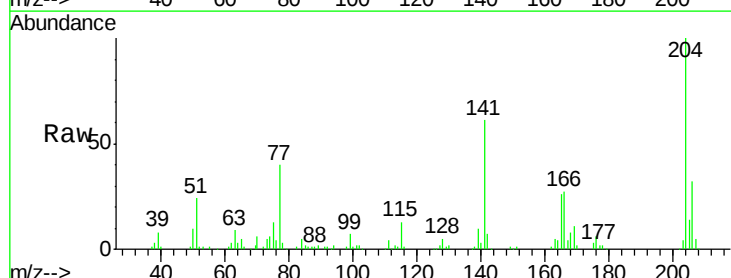
Tgt Ion:204 Resp: 105278

Ion Ratio Lower Upper

204 100

206 31.9 26.6 39.8

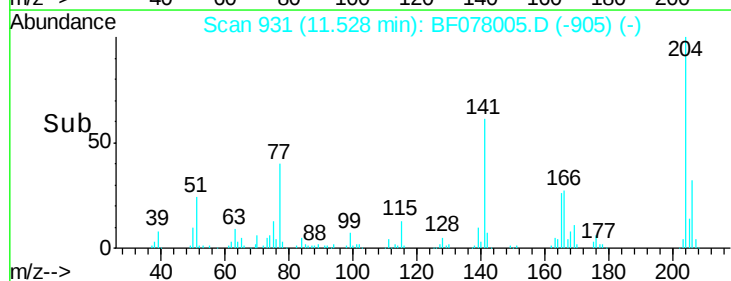
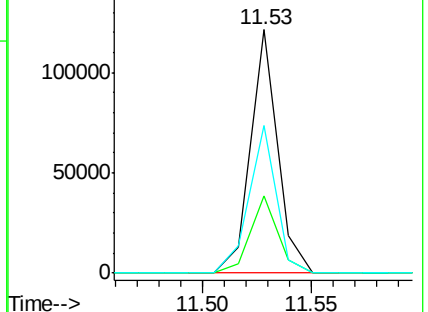
141 60.5 45.2 67.8

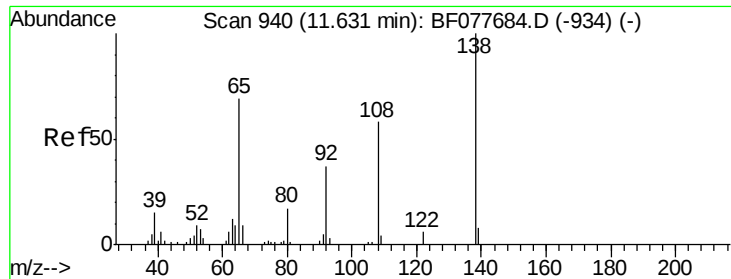


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 35.49 ng

RT: 11.55 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF078005.D

Acq: 26 Mar 2015 19:56

Instrument :

BNA_F

ClientSampleId :

PB82321BS

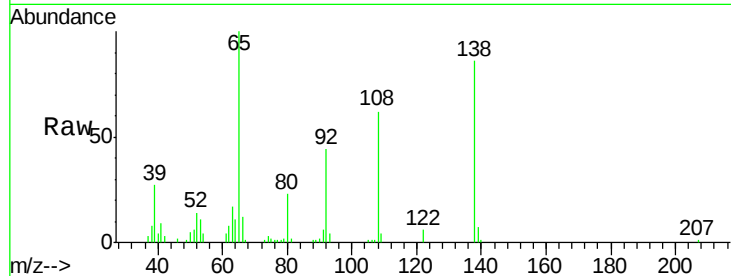
Tgt Ion:138 Resp: 54457

Ion Ratio Lower Upper

138 100

92 51.6 16.7 56.7

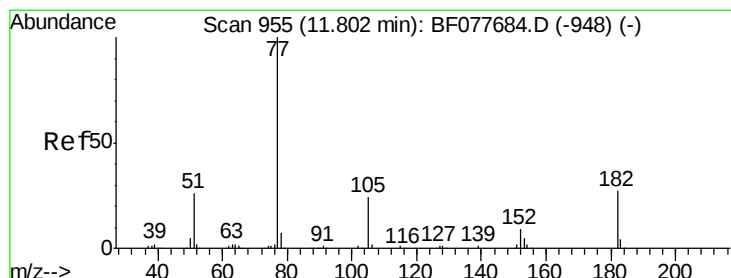
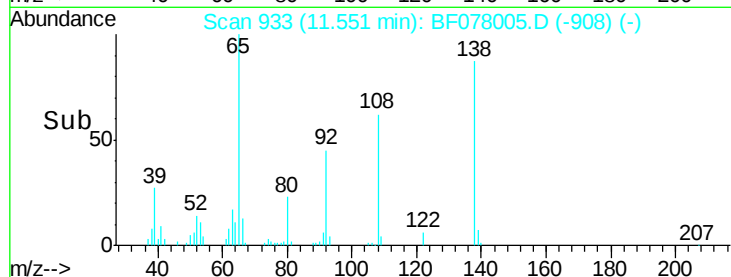
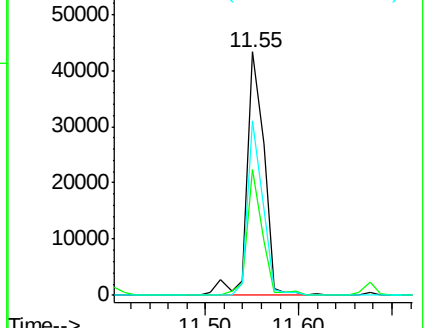
108 71.9 37.6 77.6



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: 35.76 ng

RT: 11.72 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF078005.D

Acq: 26 Mar 2015 19:56

Tgt Ion: 77 Resp: 212998

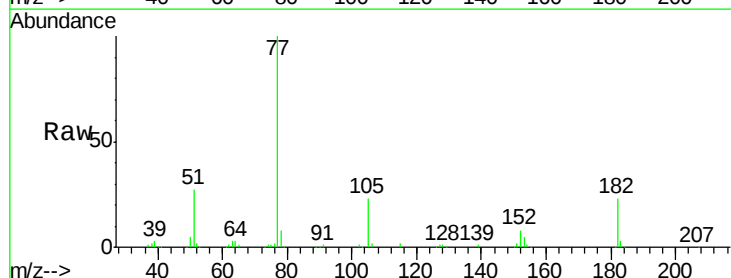
Ion Ratio Lower Upper

77 100

182 23.3 6.5 46.5

105 22.6 3.8 43.8

51 27.0 5.5 45.5

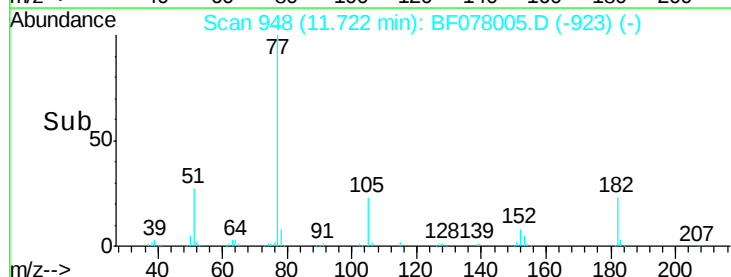
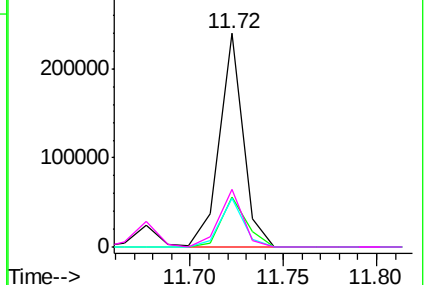


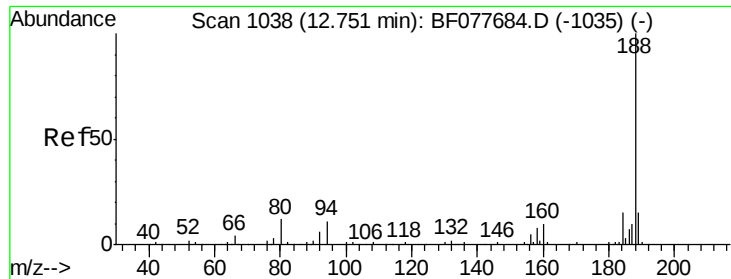
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

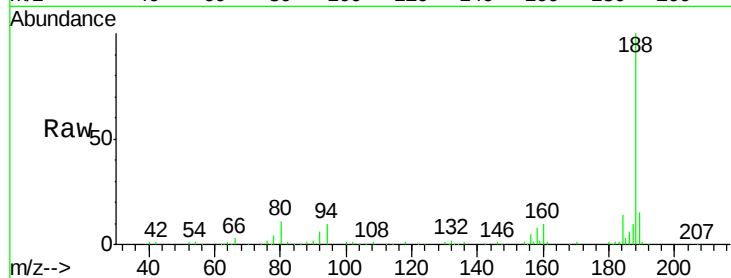




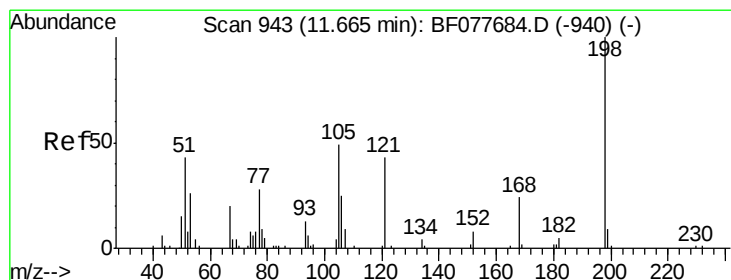
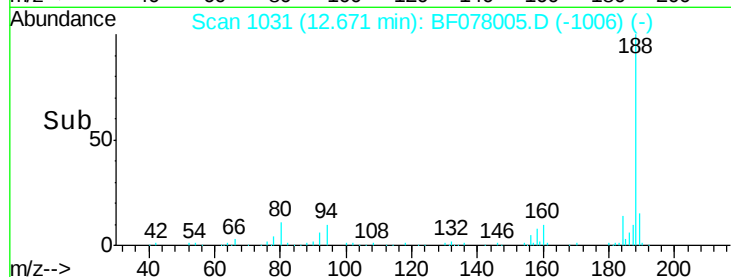
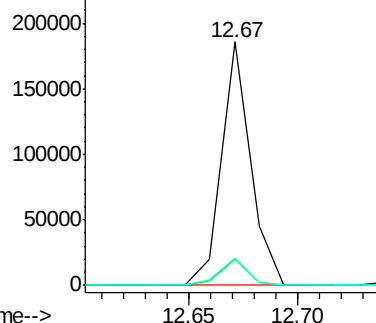
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.67 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

Instrument :
BNA_F
ClientSampleId :
PB82321BS

Tgt Ion:188 Resp: 172547
Ion Ratio Lower Upper
188 100
94 10.5 8.7 13.1
80 11.3 9.3 13.9

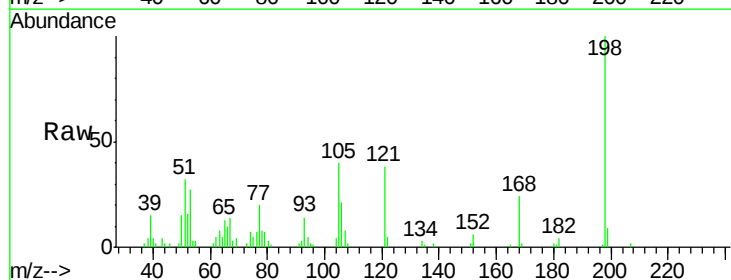


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

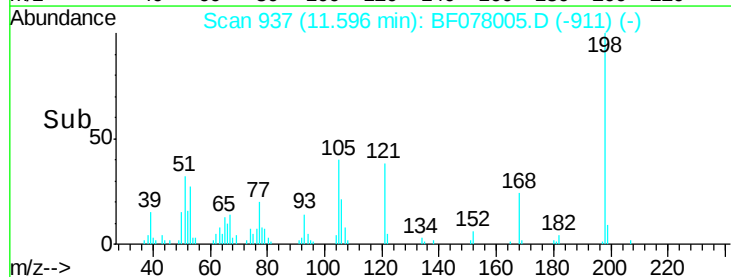
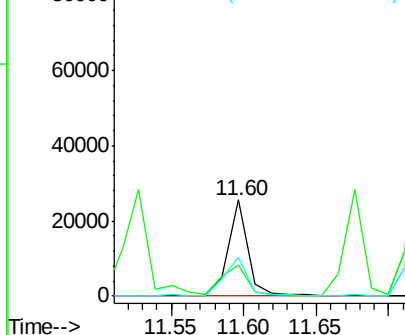


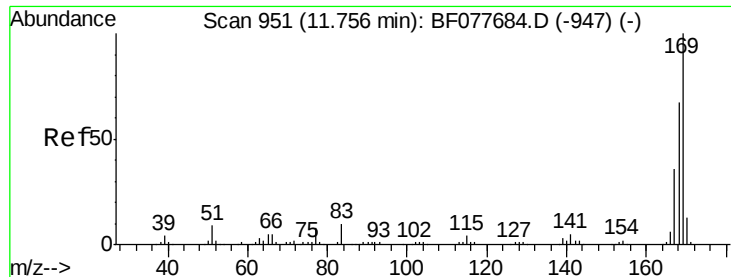
#64
4,6-Dinitro-2-methylphenol
Concen: 31.27 ng
RT: 11.60 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

Tgt Ion:198 Resp: 24135
Ion Ratio Lower Upper
198 100
51 32.5 28.8 68.8
105 39.9 30.5 70.5



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

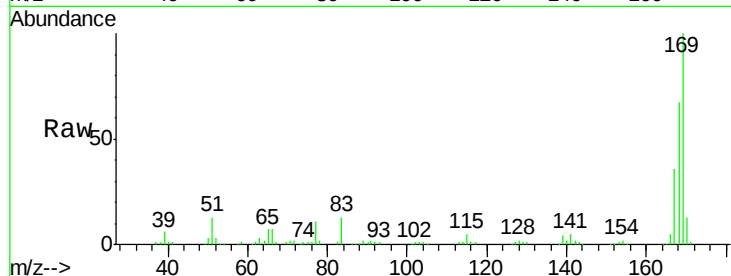




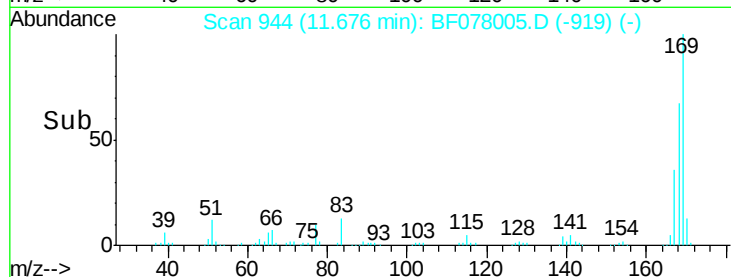
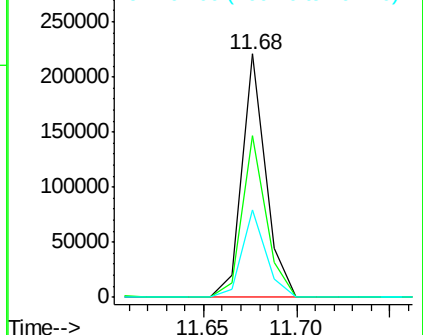
#65
 n-Nitrosodiphenylamine
 Concen: 34.09 ng
 RT: 11.68 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF078005.D
 Acq: 26 Mar 2015 19:56

Instrument :
 BNA_F
 ClientSampleId :
 PB82321BS

Tgt Ion:169 Resp: 195875
 Ion Ratio Lower Upper
 169 100
 168 66.7 53.9 80.9
 167 35.9 28.9 43.3

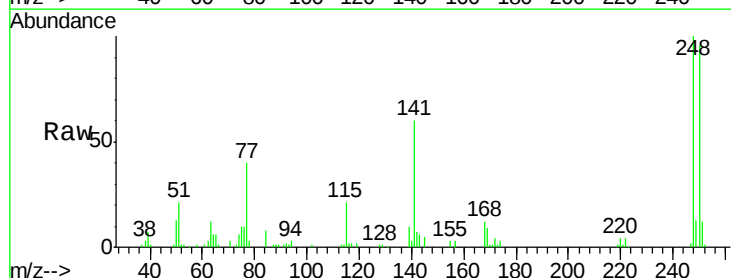


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

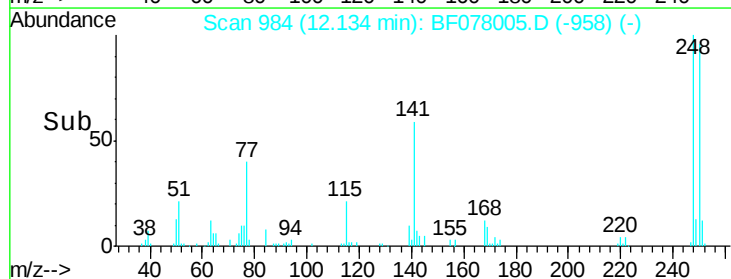
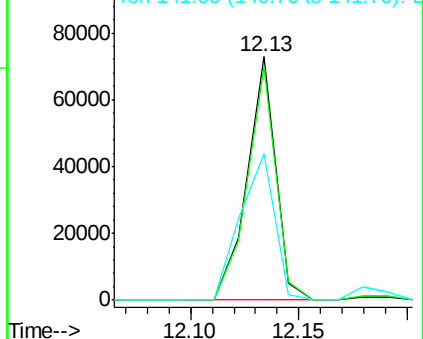


#66
 4-Bromophenyl-phenylether
 Concen: 35.87 ng
 RT: 12.13 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: BF078005.D
 Acq: 26 Mar 2015 19:56

Tgt Ion:248 Resp: 66057
 Ion Ratio Lower Upper
 248 100
 250 96.0 77.4 116.0
 141 60.2 45.2 67.8



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

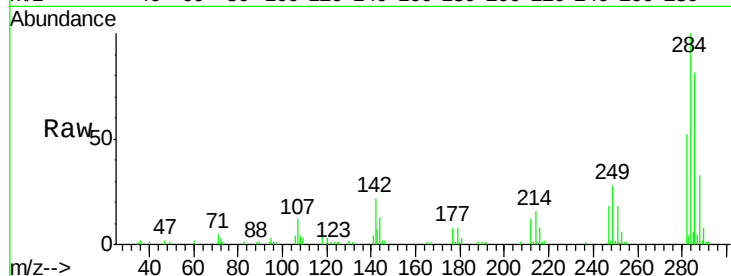




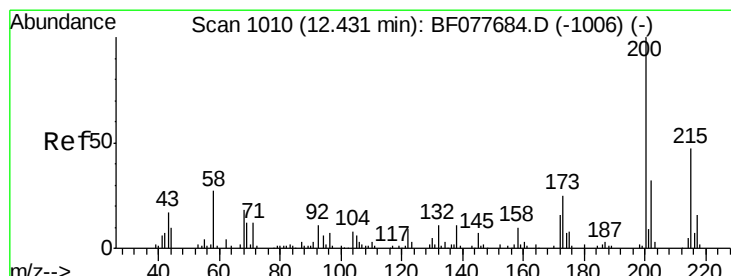
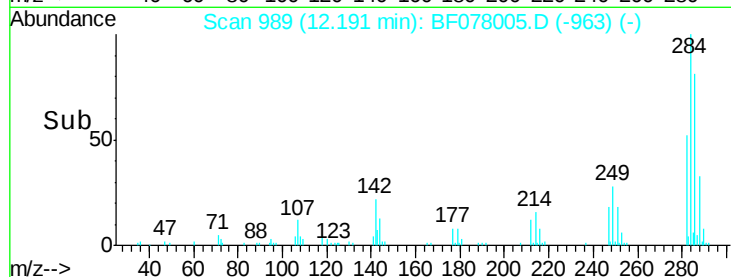
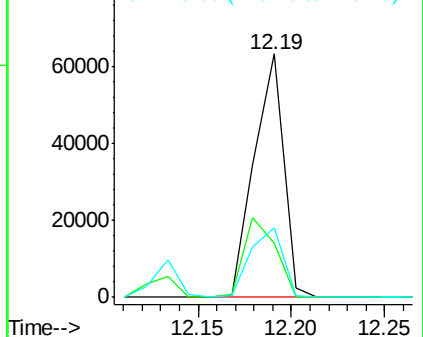
#67
Hexachlorobenzene
Concen: 34.09 ng
RT: 12.19 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

Instrument :
BNA_F
ClientSampleId :
PB82321BS

Tgt Ion:284 Resp: 68978
Ion Ratio Lower Upper
284 100
142 22.1 20.4 30.6
249 28.3 23.8 35.6

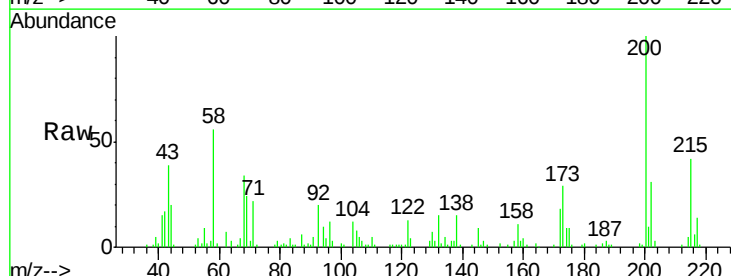


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

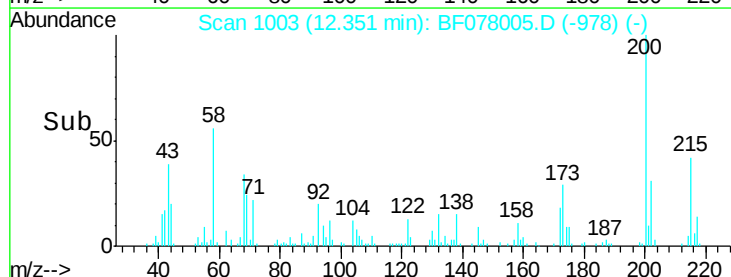
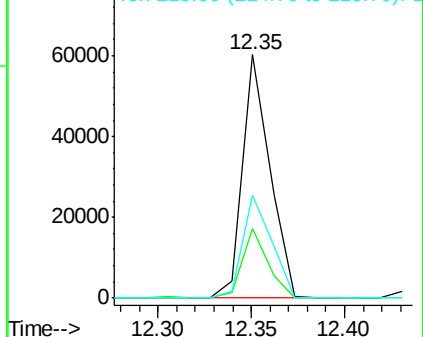


#68
Atrazine
Concen: 38.47 ng
RT: 12.35 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

Tgt Ion:200 Resp: 61939
Ion Ratio Lower Upper
200 100
173 28.6 4.8 44.8
215 42.5 26.9 66.9



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

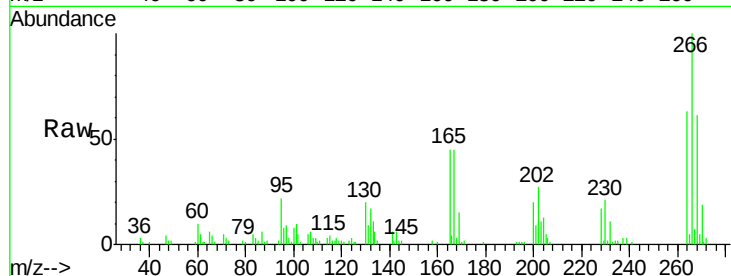




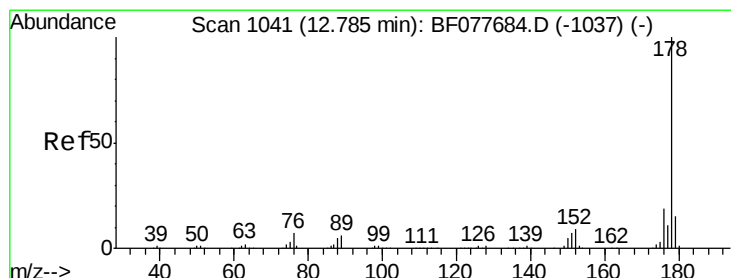
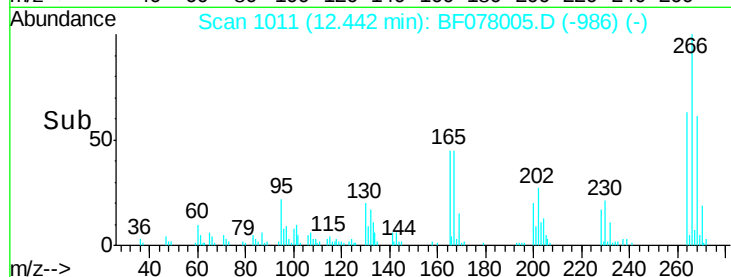
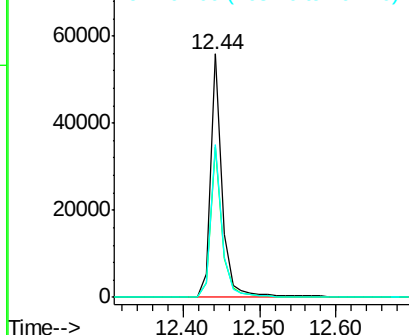
#69
 Pentachlorophenol
 Concen: 55.56 ng
 RT: 12.44 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BF078005.D
 Acq: 26 Mar 2015 19:56

Instrument :
 BNA_F
 ClientSampleId :
 PB82321BS

Tgt Ion:266 Resp: 57844
 Ion Ratio Lower Upper
 266 100
 268 61.5 52.0 78.0
 264 62.5 49.0 73.4

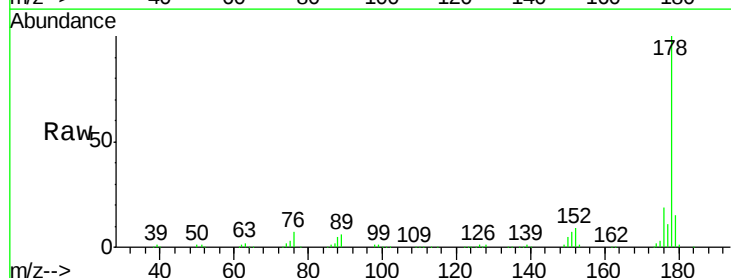


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

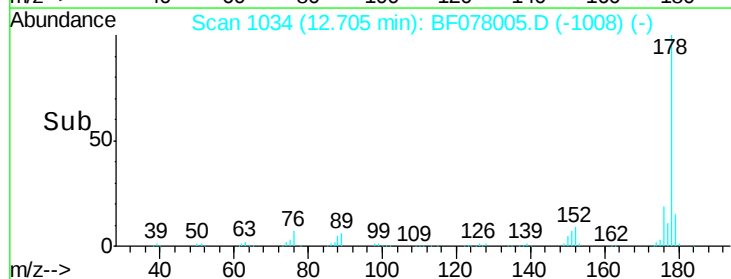
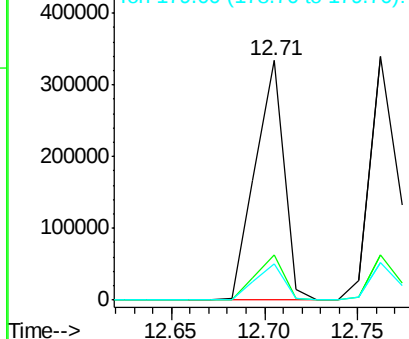


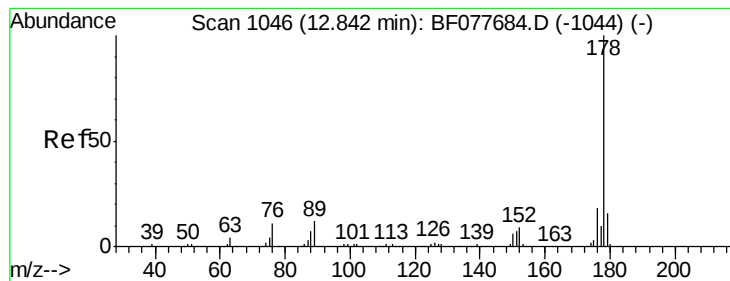
#70
 Phenanthrene
 Concen: 35.90 ng
 RT: 12.71 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF078005.D
 Acq: 26 Mar 2015 19:56

Tgt Ion:178 Resp: 355590
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.2 22.8
 179 15.4 12.1 18.1



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





#71

Anthracene

Concen: 35.37 ng

RT: 12.76 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF078005.D

Acq: 26 Mar 2015 19:56

Instrument :

BNA_F

ClientSampleId :

PB82321BS

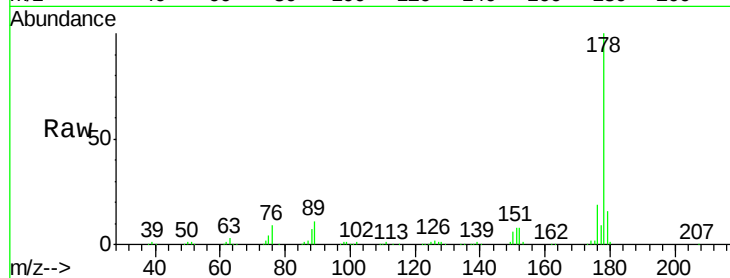
Tgt Ion:178 Resp: 346151

Ion Ratio Lower Upper

178 100

176 18.6 14.6 22.0

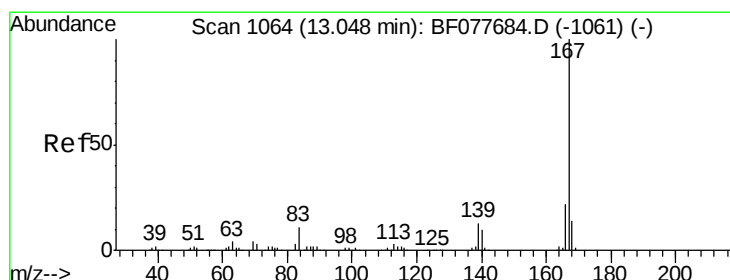
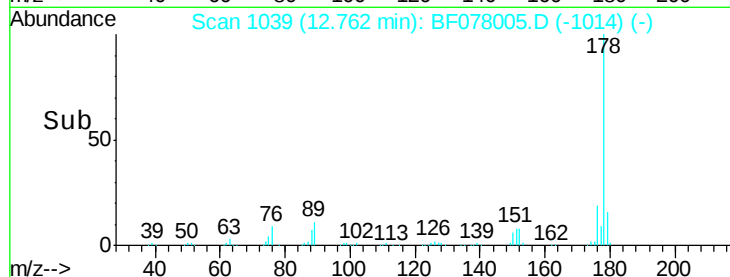
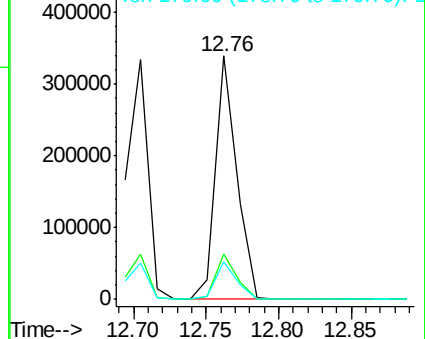
179 15.5 12.6 19.0



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: 37.57 ng

RT: 12.98 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BF078005.D

Acq: 26 Mar 2015 19:56

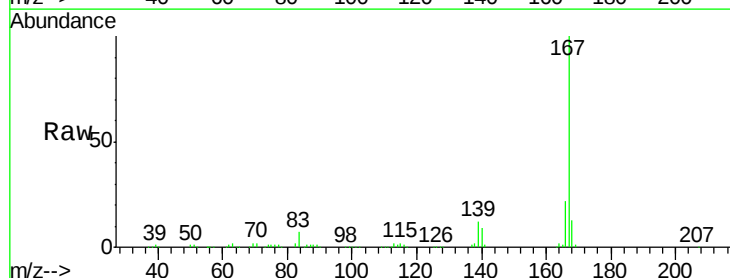
Tgt Ion:167 Resp: 349766

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

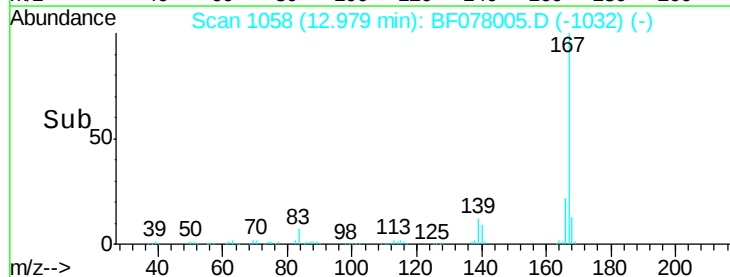
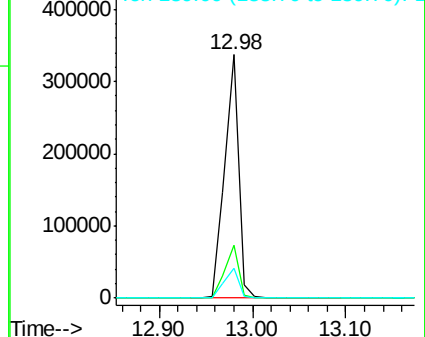
139 12.1 10.8 16.2



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

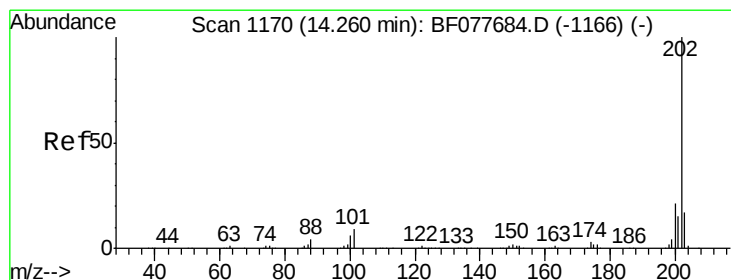
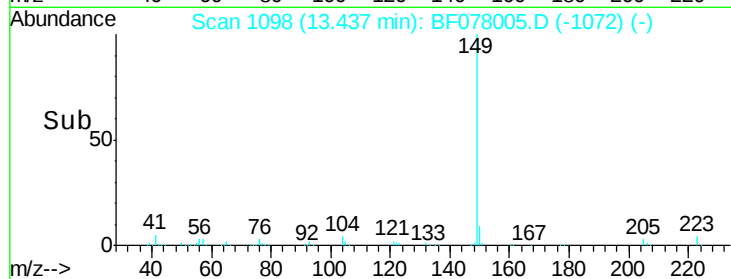
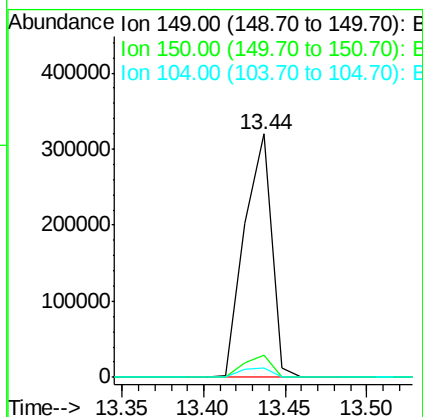
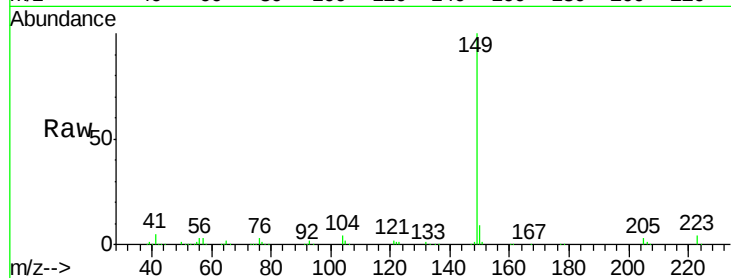




#73
Di-n-butylphthalate
Concen: 35.27 ng
RT: 13.44 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

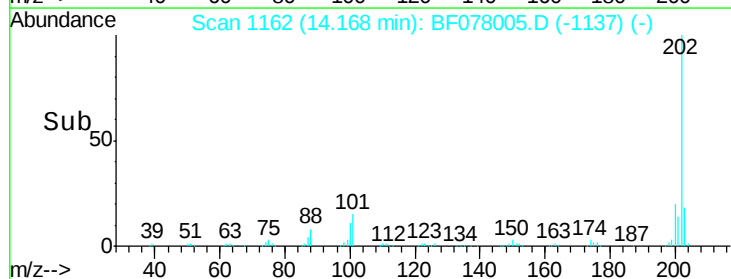
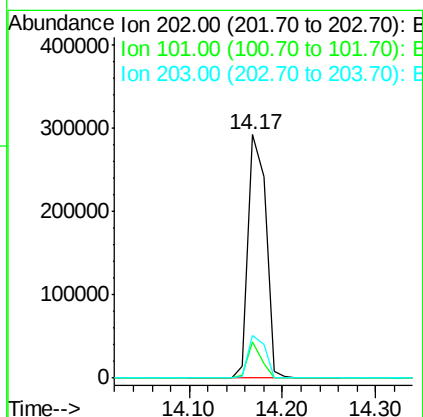
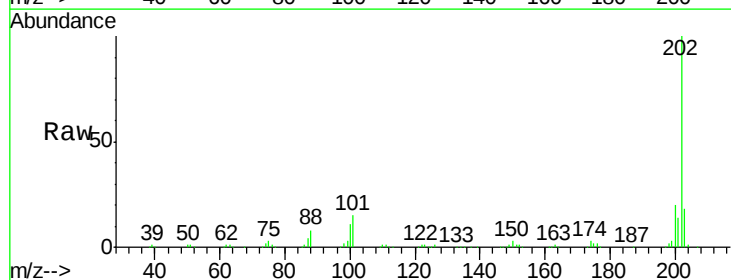
Instrument :
BNA_F
ClientSampleId :
PB82321BS

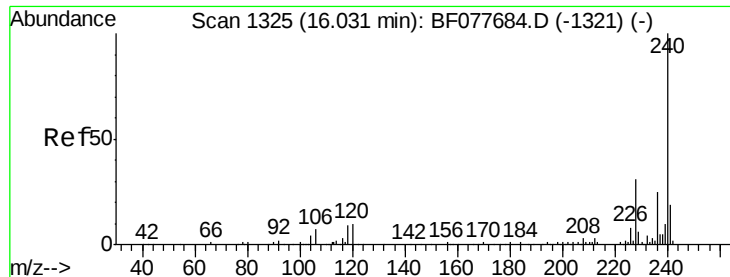
Tgt Ion:149 Resp: 368120
Ion Ratio Lower Upper
149 100
150 9.0 7.5 11.3
104 4.1 3.7 5.5



#74
Fluoranthene
Concen: 35.05 ng
RT: 14.17 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

Tgt Ion:202 Resp: 382957
Ion Ratio Lower Upper
202 100
101 14.9 0.0 28.7
203 17.6 0.0 37.2

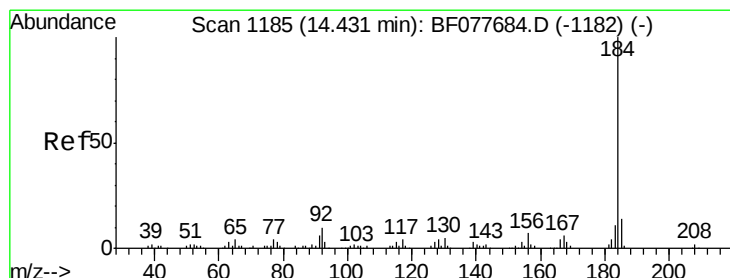
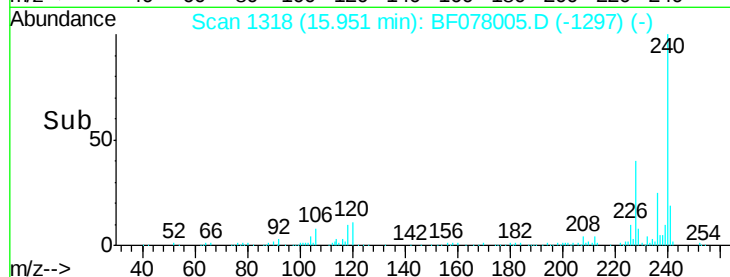
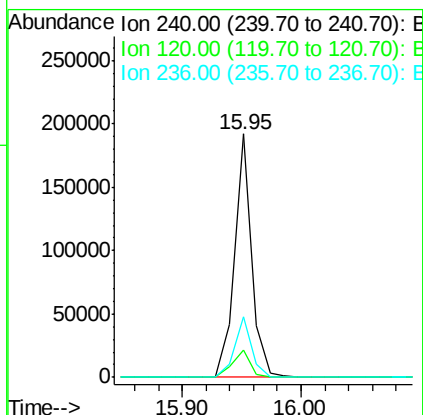
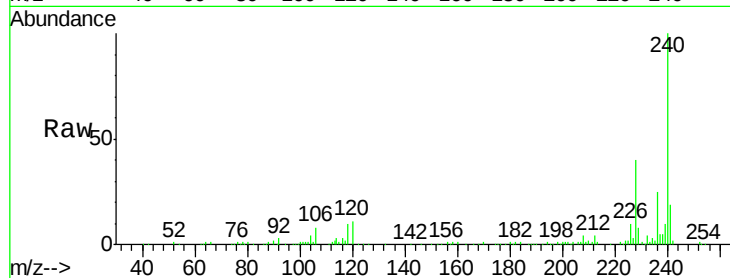




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.95 min Scan# 1318
Delta R.T. -0.06 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

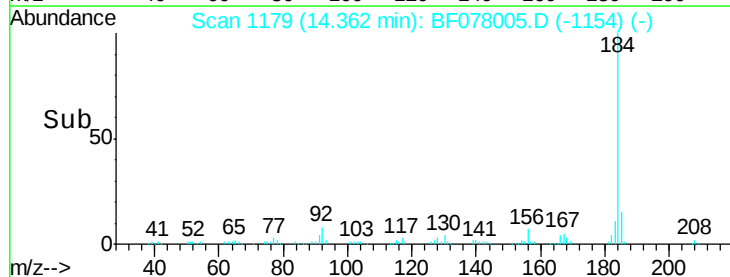
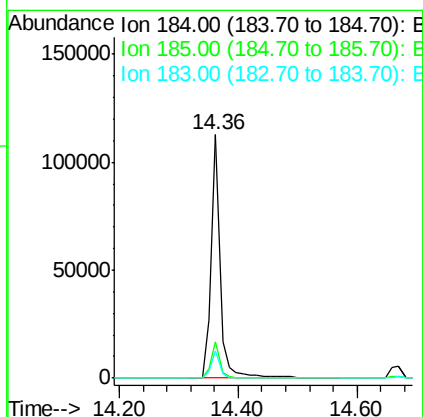
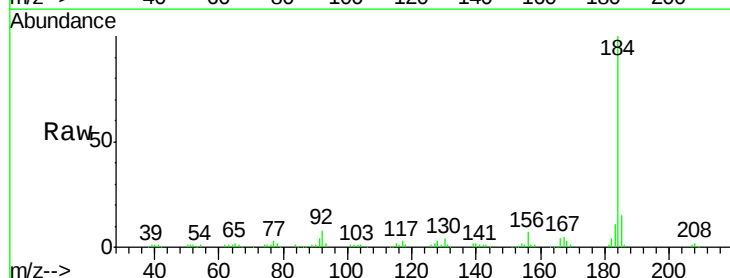
Instrument :
BNA_F
ClientSampleId :
PB82321BS

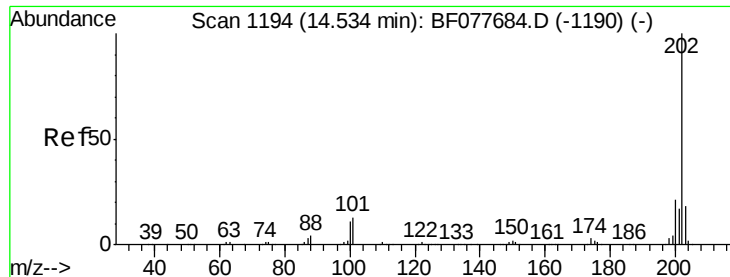
Tgt Ion:240 Resp: 192506
Ion Ratio Lower Upper
240 100
120 11.1 8.2 12.2
236 25.1 20.0 30.0



#76
Benzidine
Concen: 24.83 ng
RT: 14.36 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

Tgt Ion:184 Resp: 119138
Ion Ratio Lower Upper
184 100
185 14.7 11.3 16.9
183 11.4 8.9 13.3

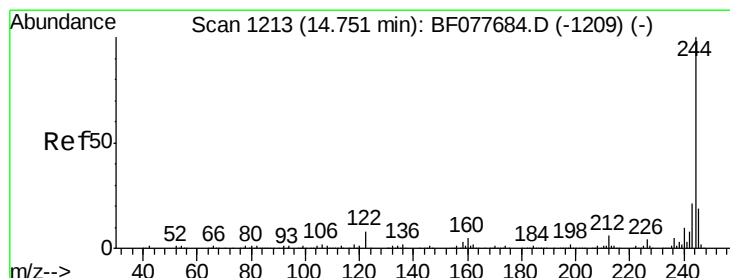
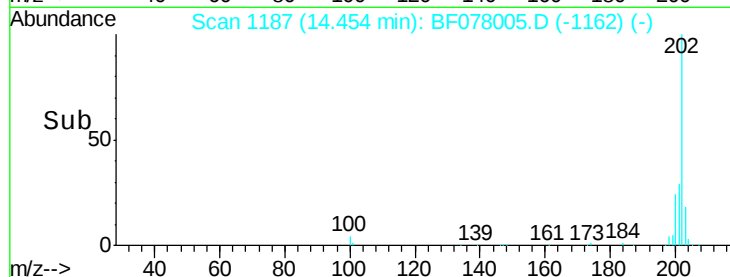
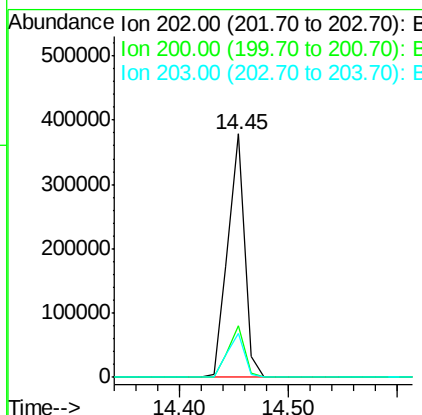
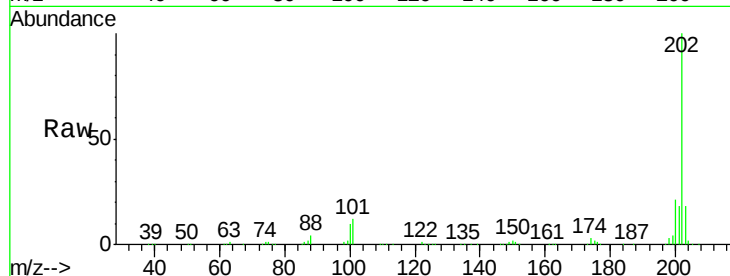




#77
 Pyrene
 Concen: 33.46 ng
 RT: 14.45 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF078005.D
 Acq: 26 Mar 2015 19:56

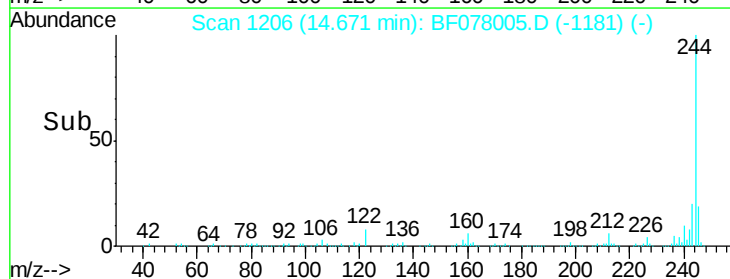
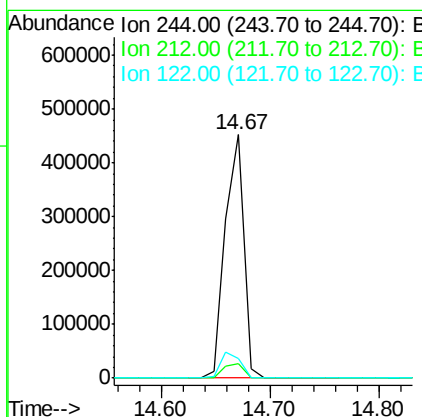
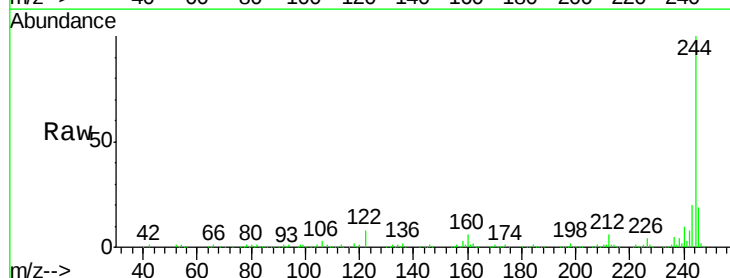
Instrument :
 BNA_F
 ClientSampleId :
 PB82321BS

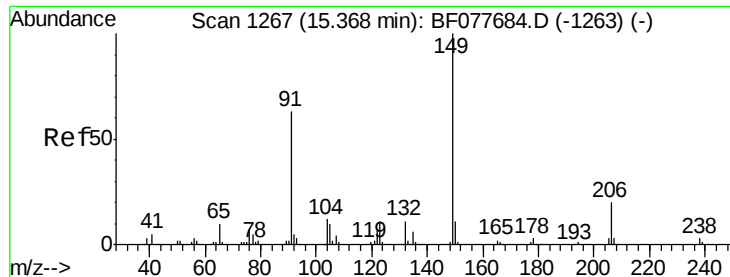
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	17.8	14.1	21.1



#78
 Terphenyl-d14
 Concen: 68.09 ng
 RT: 14.67 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF078005.D
 Acq: 26 Mar 2015 19:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.0	4.9	7.3
122	8.2	6.2	9.4

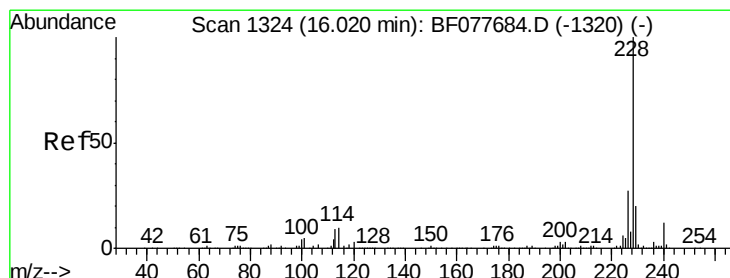
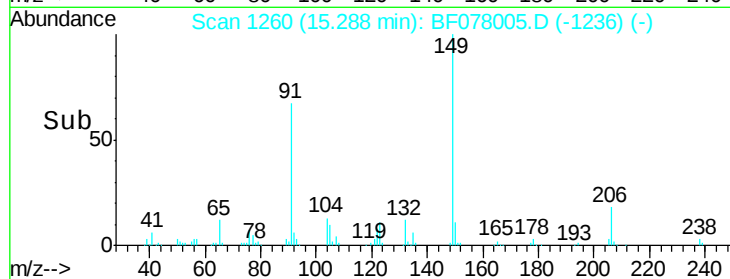
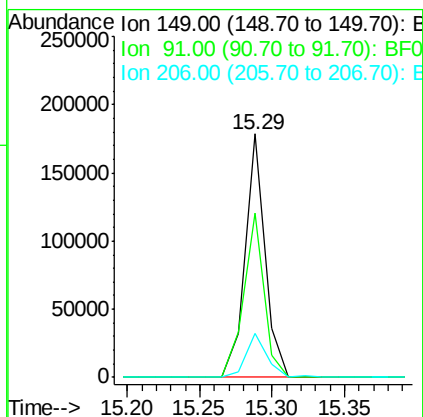
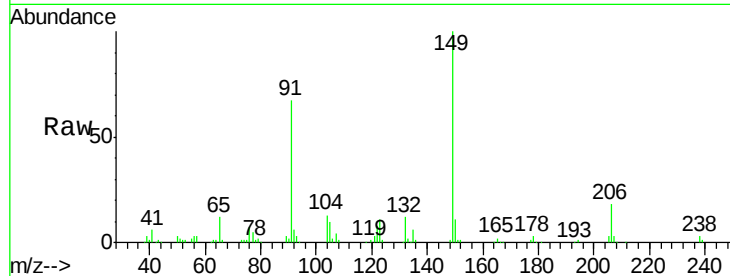




#79
Butylbenzylphthalate
Concen: 35.67 ng
RT: 15.29 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

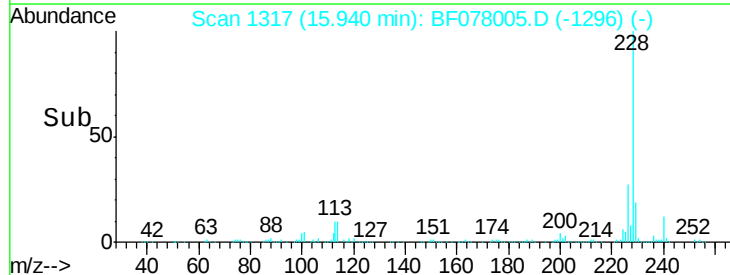
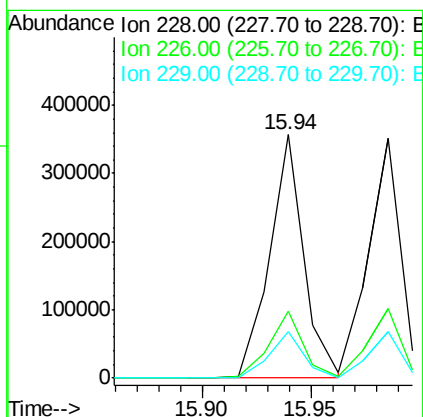
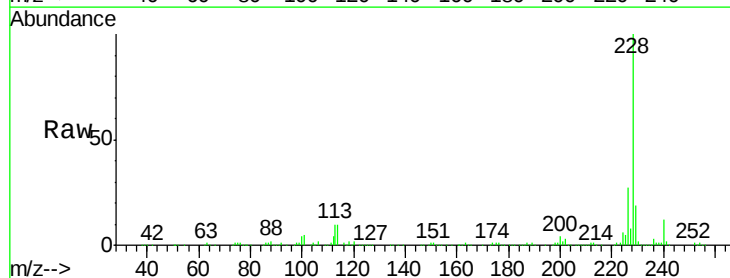
Instrument :
BNA_F
ClientSampleId :
PB82321BS

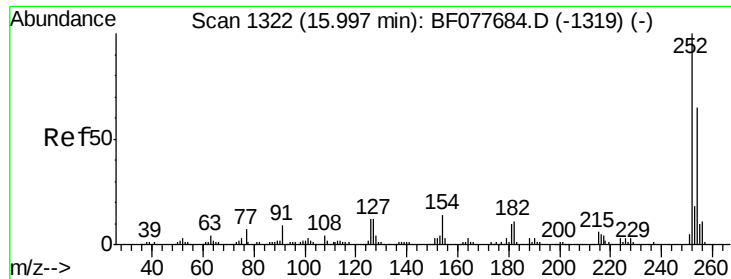
Tgt Ion:149 Resp: 170234
Ion Ratio Lower Upper
149 100
91 67.3 50.1 75.1
206 18.0 16.2 24.2



#80
Benzo(a)anthracene
Concen: 34.32 ng
RT: 15.94 min Scan# 1317
Delta R.T. -0.06 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

Tgt Ion:228 Resp: 391660
Ion Ratio Lower Upper
228 100
226 27.4 21.7 32.5
229 19.3 16.0 24.0

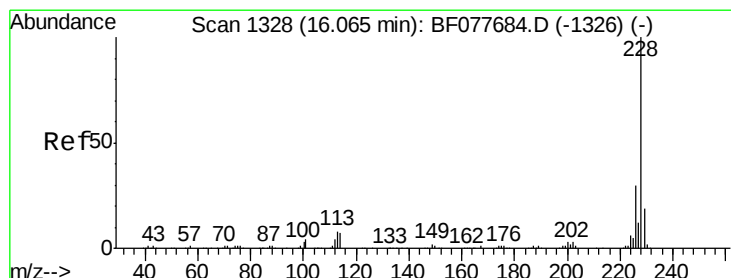
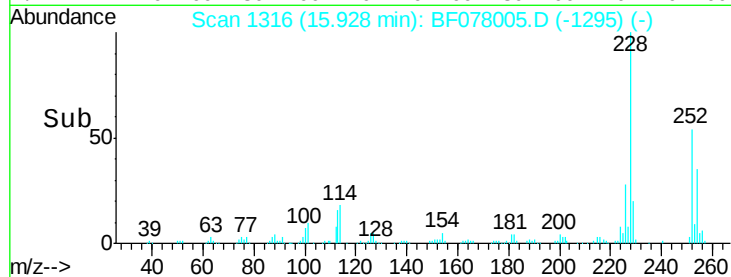
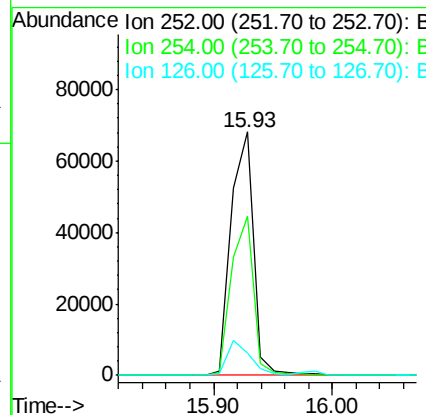
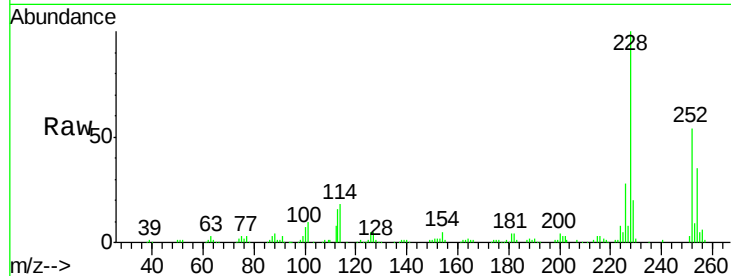




#81
 3,3'-Dichlorobenzidine
 Concen: 23.71 ng
 RT: 15.93 min Scan# 1316
 Delta R.T. -0.06 min
 Lab File: BF078005.D
 Acq: 26 Mar 2015 19:56

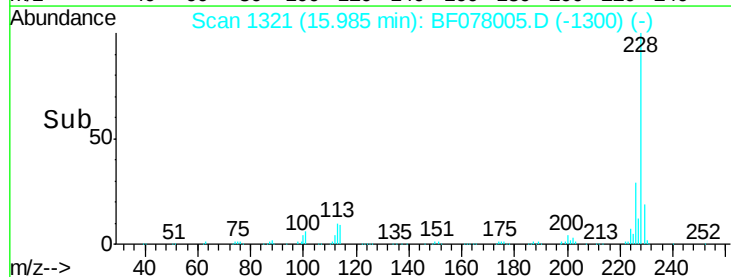
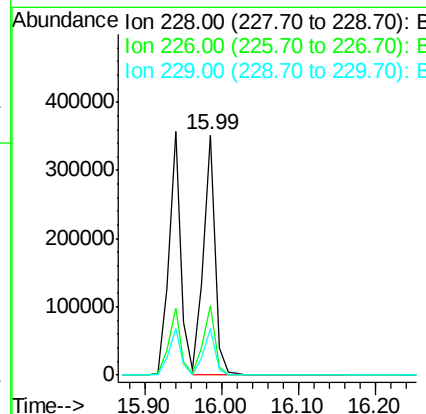
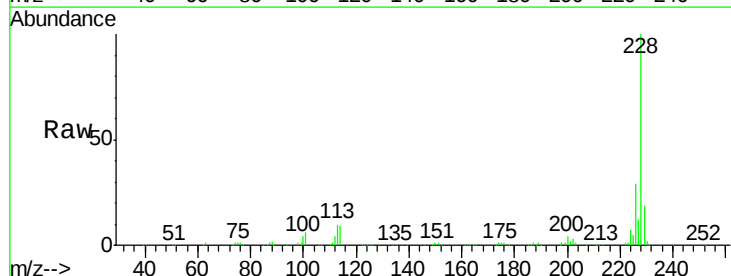
Instrument :
 BNA_F
 ClientSampleId :
 PB82321BS

Tgt Ion:252 Resp: 89243
 Ion Ratio Lower Upper
 252 100
 254 65.3 51.9 77.9
 126 9.2 9.8 14.8#



#82
 Chrysene
 Concen: 35.98 ng
 RT: 15.99 min Scan# 1321
 Delta R.T. -0.06 min
 Lab File: BF078005.D
 Acq: 26 Mar 2015 19:56

Tgt Ion:228 Resp: 369164
 Ion Ratio Lower Upper
 228 100
 226 29.2 24.1 36.1
 229 19.5 15.5 23.3

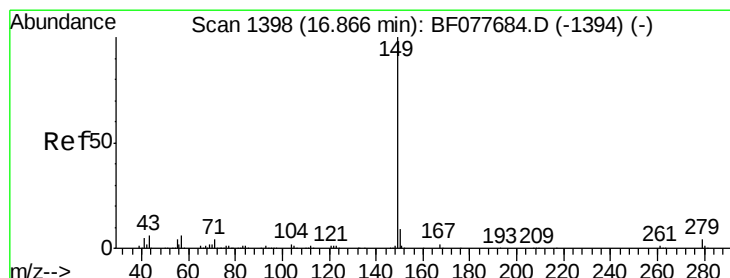
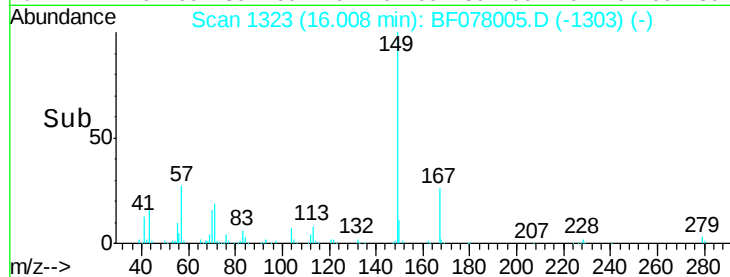
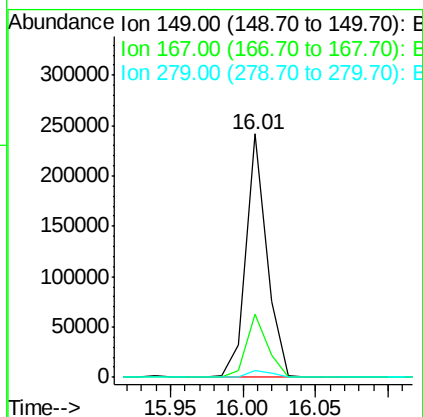
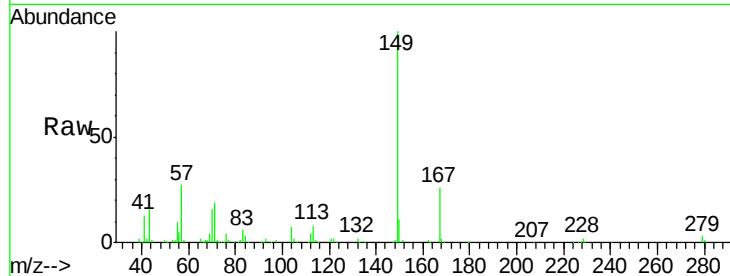




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.62 ng
 RT: 16.01 min Scan# 1323
 Delta R.T. -0.07 min
 Lab File: BF078005.D
 Acq: 26 Mar 2015 19:56

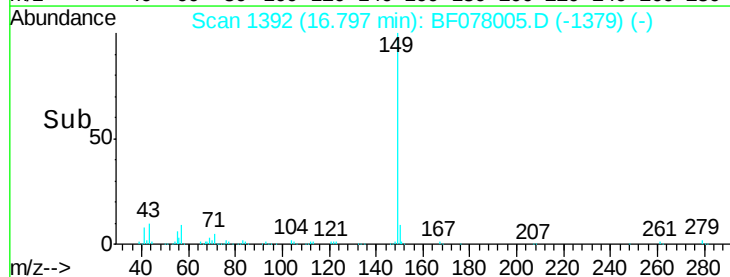
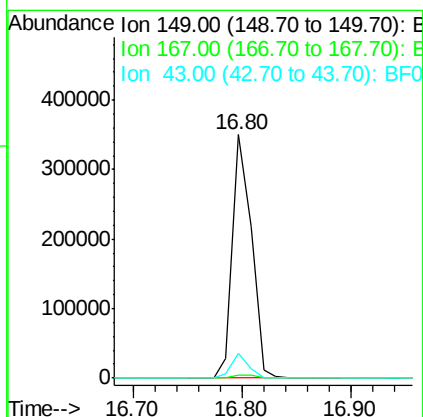
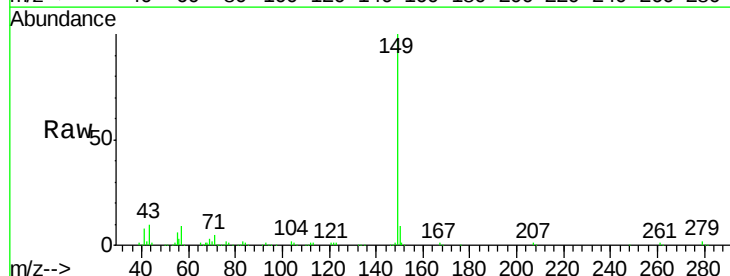
Instrument :
 BNA_F
 ClientSampleId :
 PB82321BS

Tgt Ion:149 Resp: 243062
 Ion Ratio Lower Upper
 149 100
 167 25.9 22.4 33.6
 279 2.7 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 33.85 ng
 RT: 16.80 min Scan# 1392
 Delta R.T. -0.15 min
 Lab File: BF078005.D
 Acq: 26 Mar 2015 19:56

Tgt Ion:149 Resp: 418448
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.0 7.3 10.9

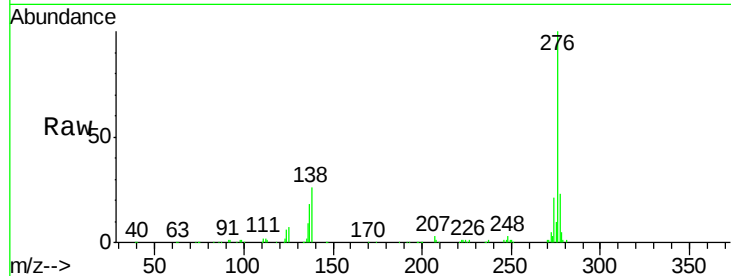




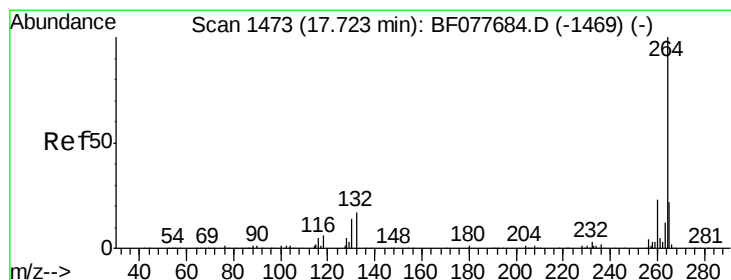
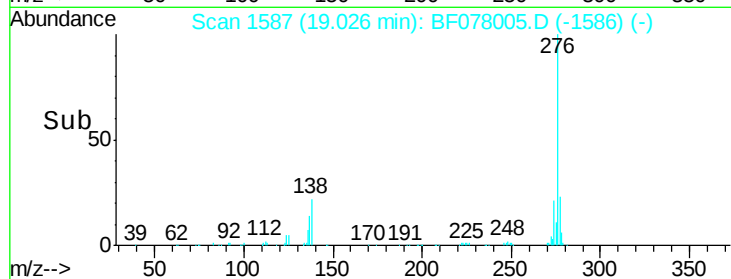
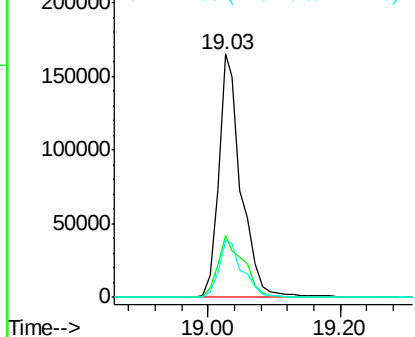
#85
Indeno(1,2,3-cd)pyrene
Concen: 31.04 ng m
RT: 19.03 min Scan# 1587
Delta R.T. -0.29 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

Instrument :
BNA_F
ClientSampleId :
PB82321BS

Tgt Ion: 276 Resp: 397461
Ion Ratio Lower Upper
276 100
138 21.0 0.0 0.0#
277 19.6 0.0 0.0#

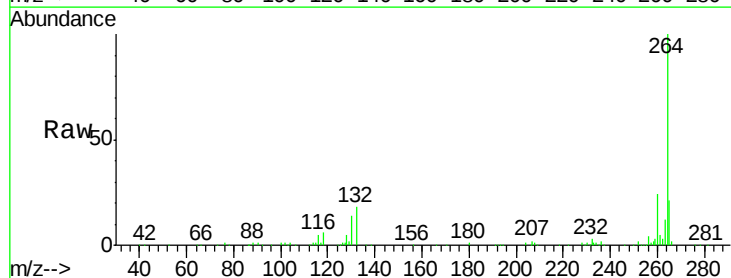


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

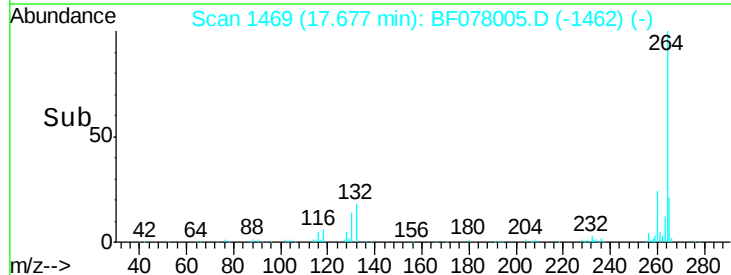
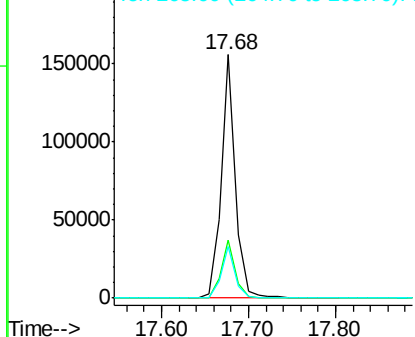


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.68 min Scan# 1469
Delta R.T. -0.22 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

Tgt Ion: 264 Resp: 178152
Ion Ratio Lower Upper
264 100
260 24.0 18.6 27.8
265 21.3 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

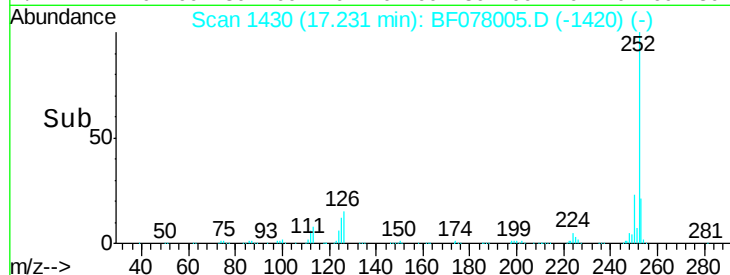
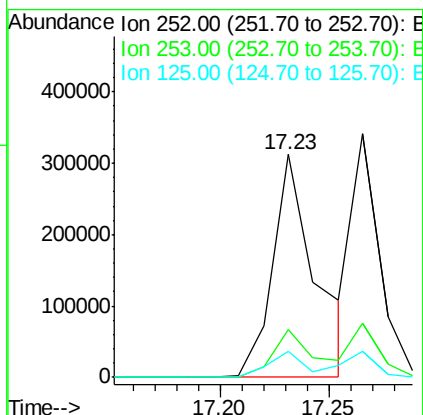
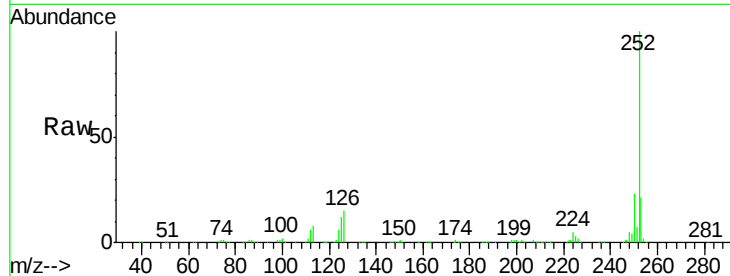




#87
Benzo(b)fluoranthene
Concen: 36.92 ng
RT: 17.23 min Scan# 1430
Delta R.T. -0.18 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

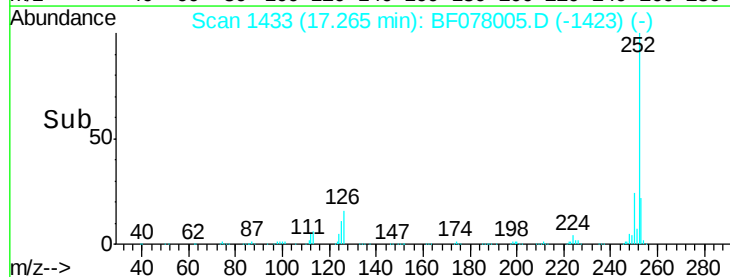
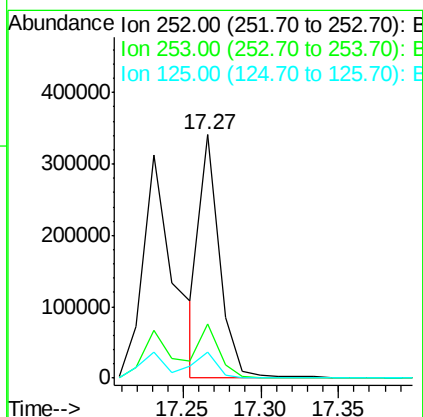
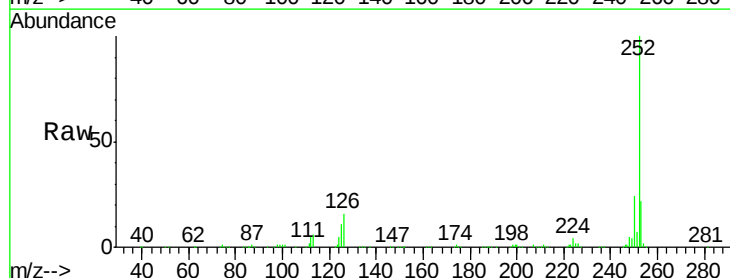
Instrument :
BNA_F
ClientSampleId :
PB82321BS

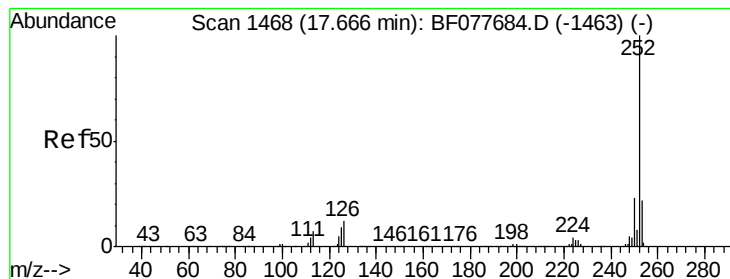
Tgt Ion:252 Resp: 429383
Ion Ratio Lower Upper
252 100
253 21.4 18.0 27.0
125 11.9 9.9 14.9



#88
Benzo(k)fluoranthene
Concen: 33.97 ng m
RT: 17.27 min Scan# 1433
Delta R.T. -0.18 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

Tgt Ion:252 Resp: 308642
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 10.8 8.1 12.1

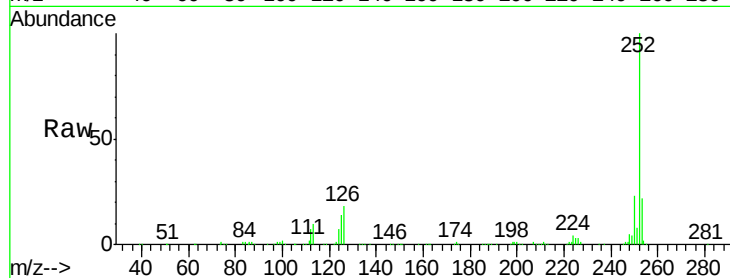




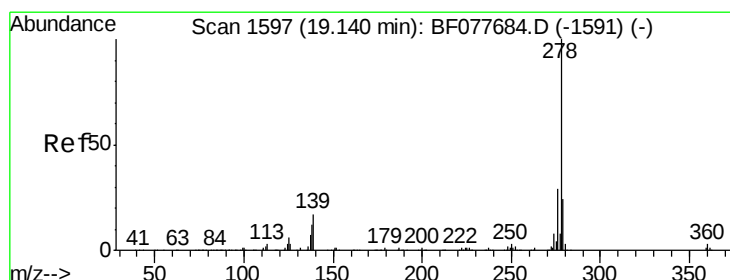
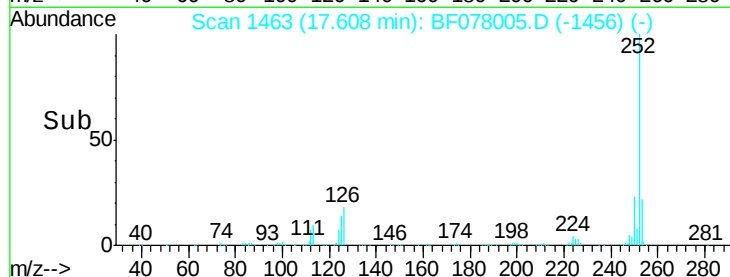
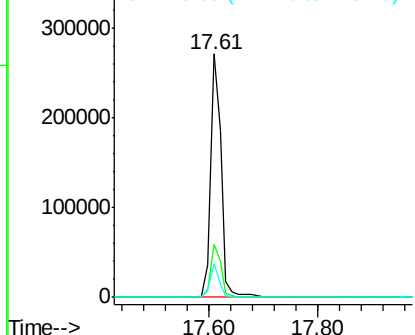
#89
Benzo(a)pyrene
Concen: 37.87 ng
RT: 17.61 min Scan# 1463
Delta R.T. -0.22 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

Instrument :
BNA_F
ClientSampleId :
PB82321BS

Tgt Ion: 252 Resp: 367513
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 13.8 7.4 11.2#

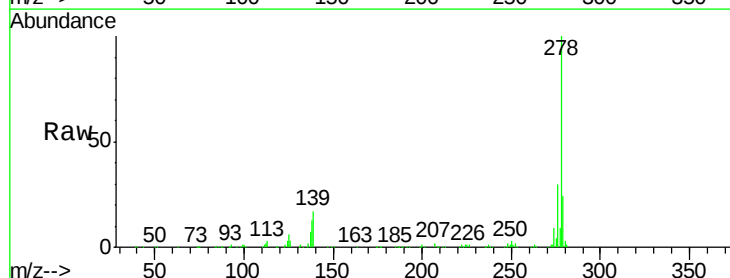


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

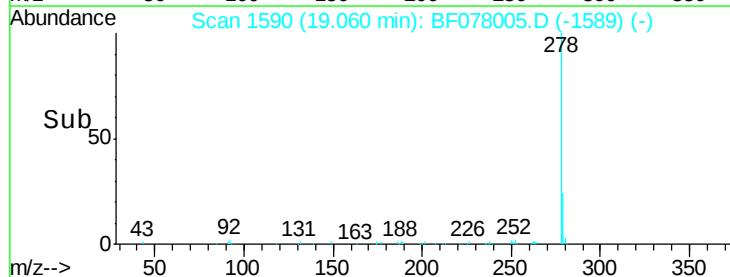
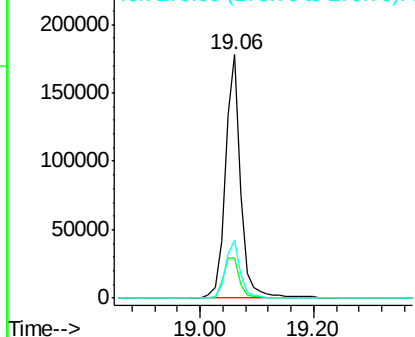


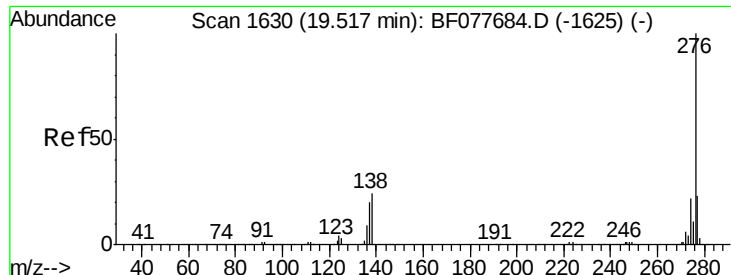
#90
Dibenzo(a,h)anthracene
Concen: 34.49 ng
RT: 19.06 min Scan# 1590
Delta R.T. -0.29 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

Tgt Ion: 278 Resp: 332008
Ion Ratio Lower Upper
278 100
139 16.6 13.4 20.0
279 23.8 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 34.50 ng

RT: 19.43 min Scan# 1622

Delta R.T. -0.29 min

Lab File: BF078005.D

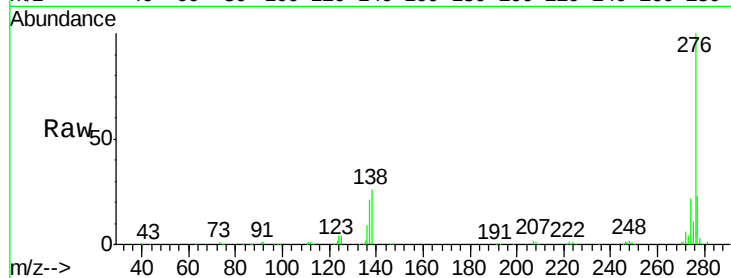
Acq: 26 Mar 2015 19:56

Instrument :

BNA_F

ClientSampleId :

PB82321BS



Tgt Ion:	276	Resp:	338010
Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.5	27.7
138	25.6	19.0	28.6

