

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 00:24:23 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

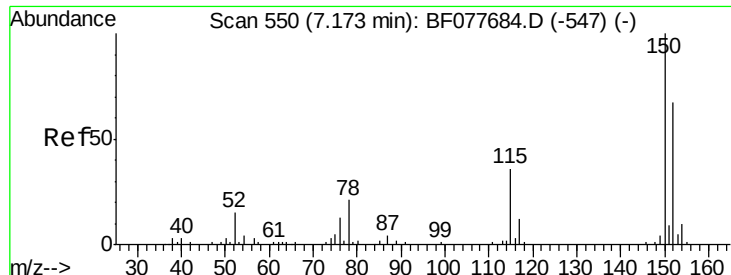
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
 Data File : BF078005.D
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 QLast Update : Fri Mar 27 00:54:57 2015
 Response via : Initial Calibration

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	19.43	276	330049	25.77	ng	# 100
87) Benzo(b)fluoranthene	17.23	252	429383	36.92	ng	98
88) Benzo(k)fluoranthene	17.23	252	429383	47.27	ng	98
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

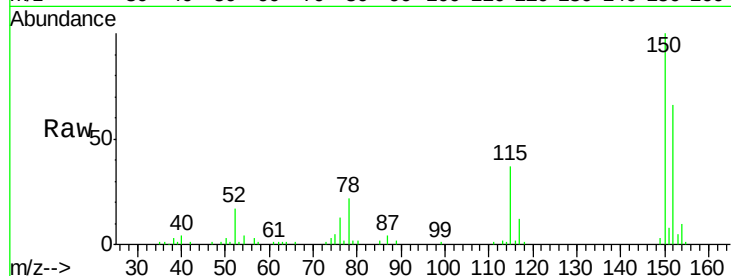
(#) = qualifier out of range (m) = manual integration (+) = signals summed



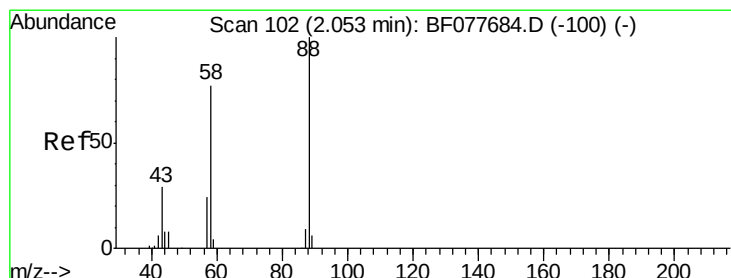
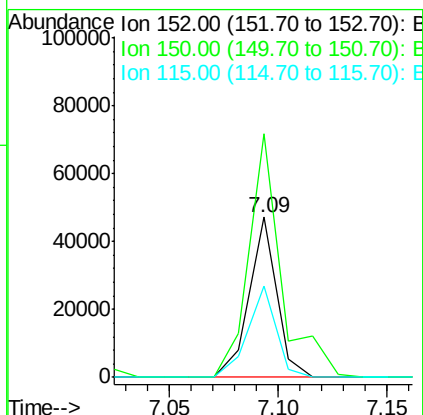
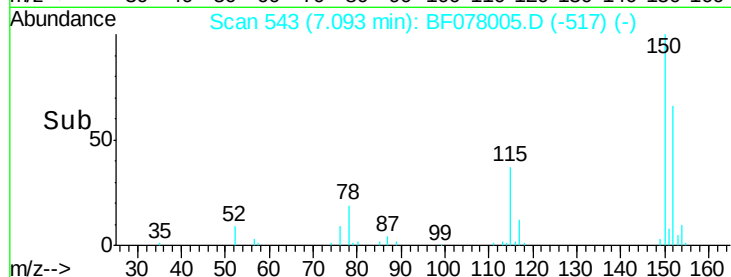
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.09 min Scan# 543
 Delta R.T. -0.00 min
 Lab File: BF078005.D
 Acq: 26 Mar 2015 19:56

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

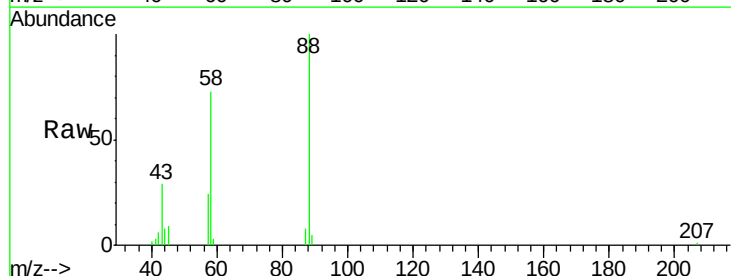


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

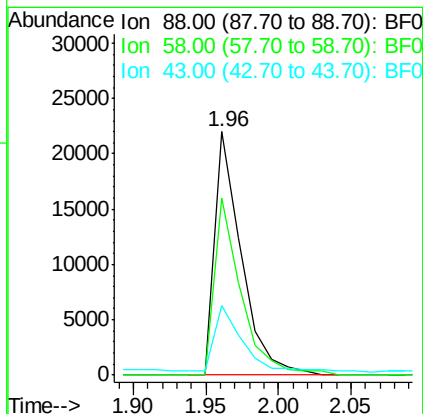
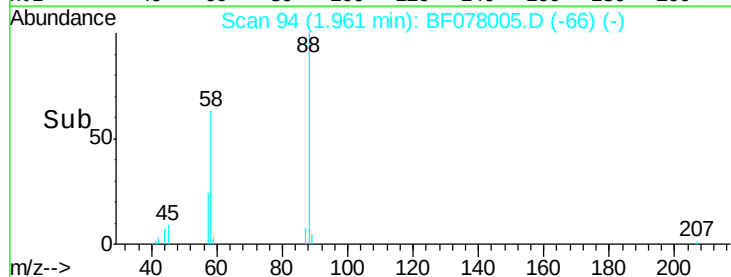


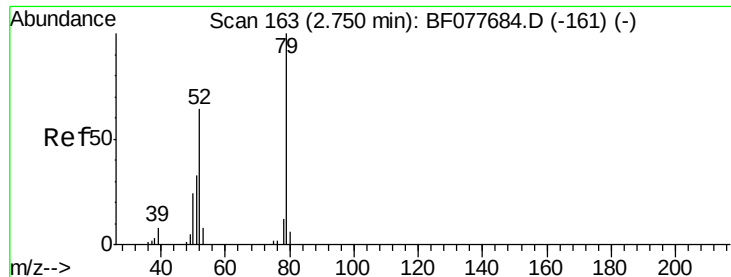
#2
 1,4-Dioxane
 Concen: 26.07 ng
 RT: 1.96 min Scan# 94
 Delta R.T. 0.02 min
 Lab File: BF078005.D
 Acq: 26 Mar 2015 19:56

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

ClientSampleId :

PB82321BS

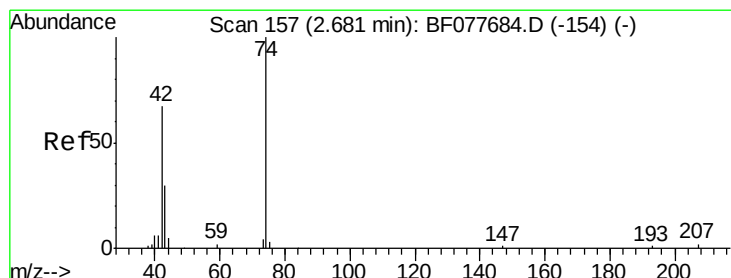
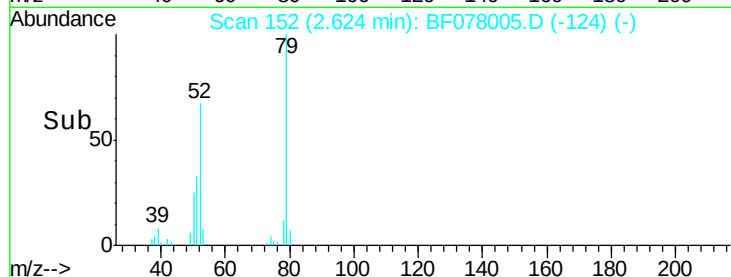
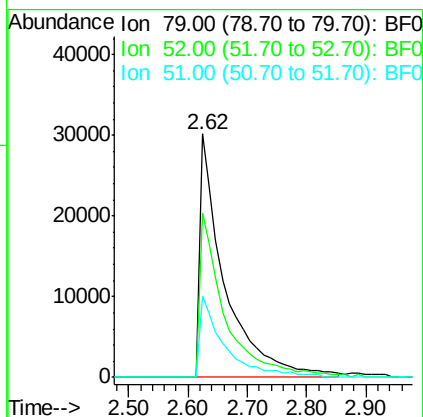
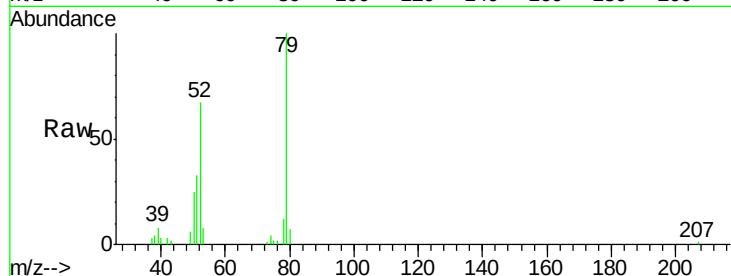
Tgt Ion: 79 Resp: 88895

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

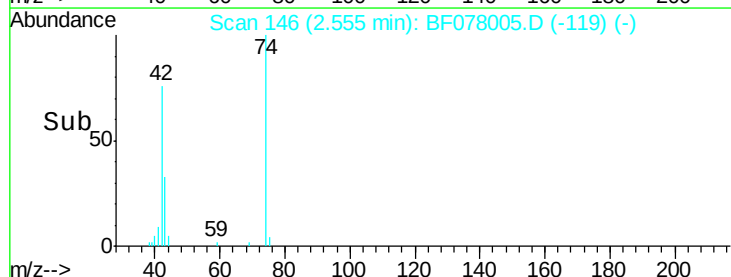
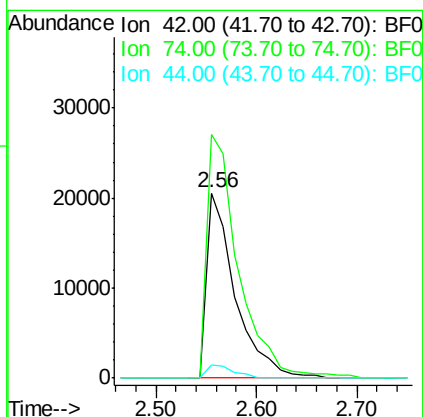
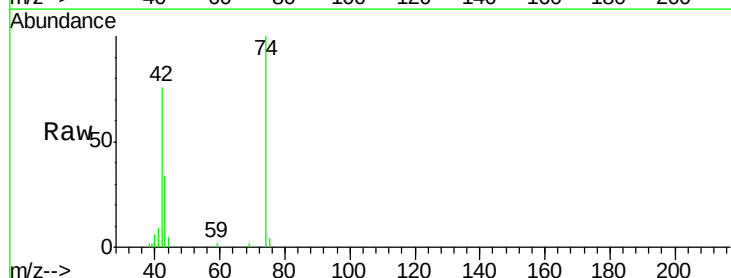
Tgt Ion: 42 Resp: 40506

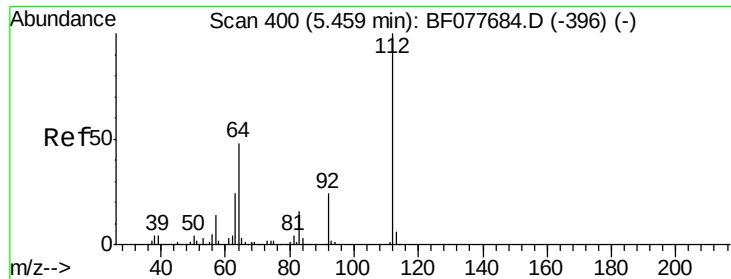
Ion Ratio Lower Upper

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

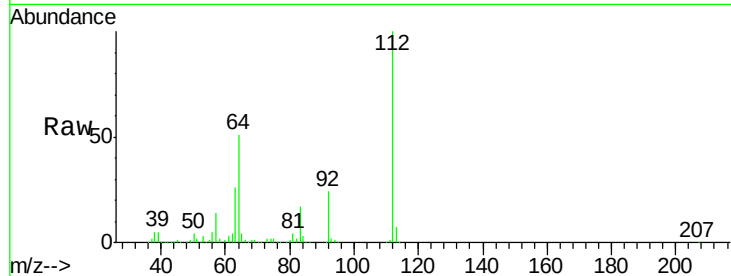
Tgt Ion: 112 Resp: 264186

Ion Ratio Lower Upper

112 100

64 50.6 38.6 57.8

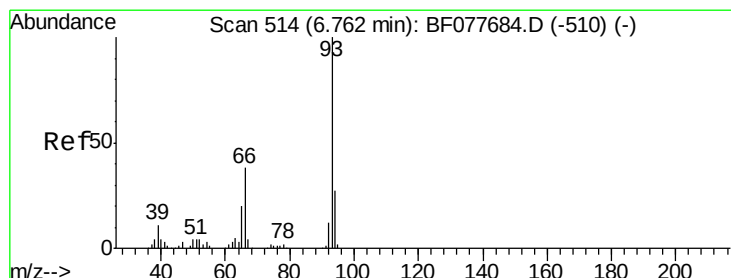
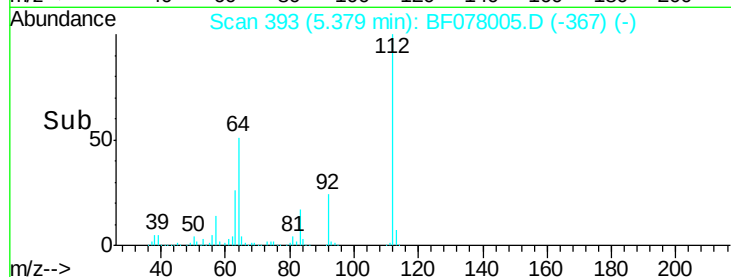
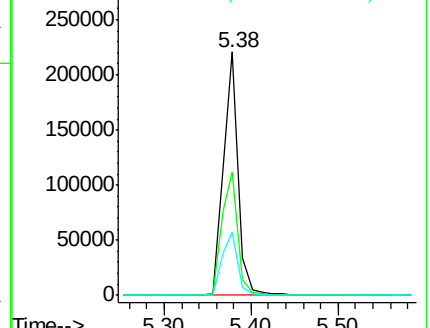
63 26.1 19.3 28.9



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

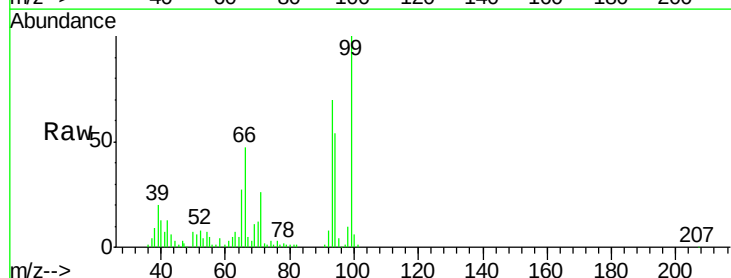
Tgt Ion: 93 Resp: 80296

Ion Ratio Lower Upper

93 100

66 66.8 30.8 46.2#

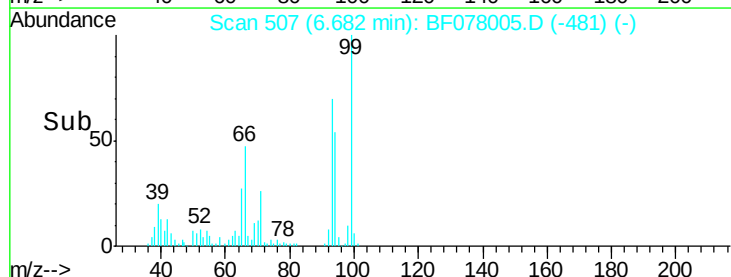
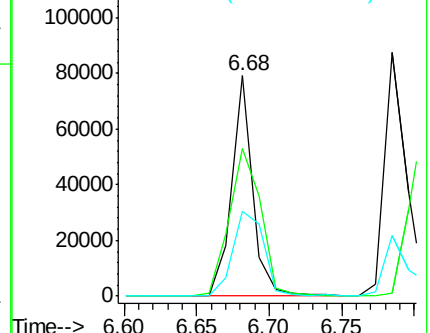
65 38.4 16.0 24.0#

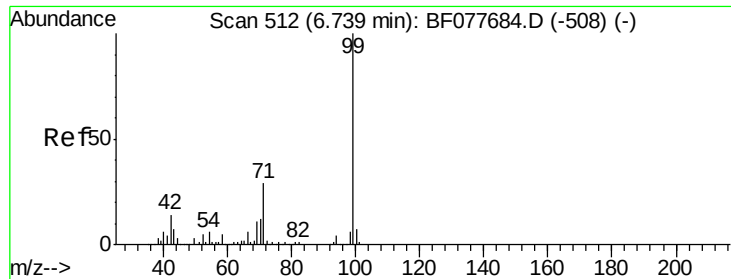


Abundance Ion 93.00 (92.70 to 93.70): BF0

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

Lab File: BF078005.D

Acq: 26 Mar 2015 19:56

Instrument :

BNA_F

ClientSampleId :

PB82321BS

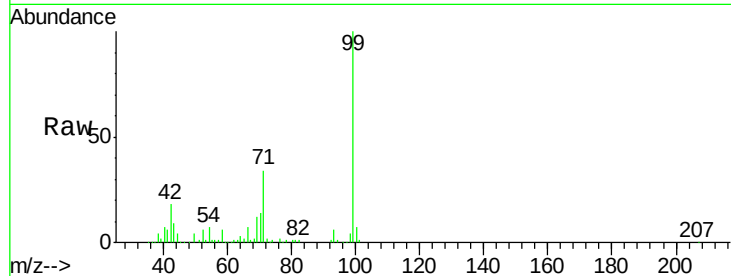
Tgt Ion: 99 Resp: 320422

Ion Ratio Lower Upper

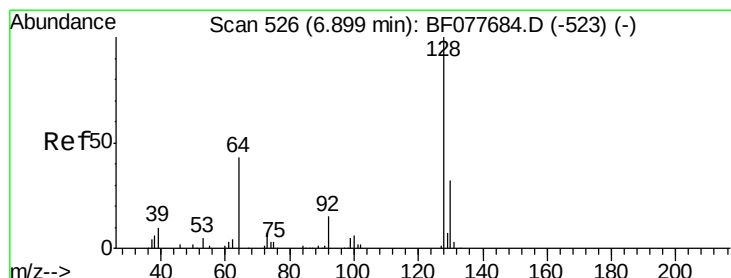
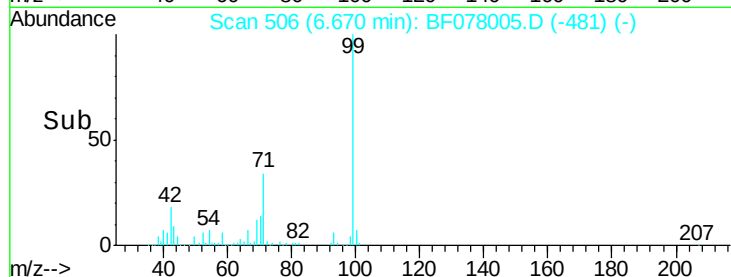
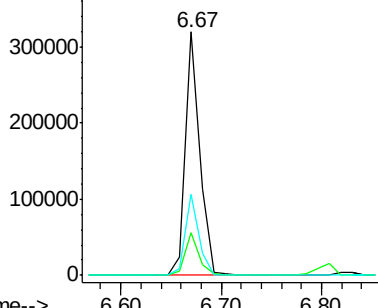
99 100

42 17.5 11.0 16.4#

71 33.5 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 36.49 ng

RT: 6.83 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF078005.D

Acq: 26 Mar 2015 19:56

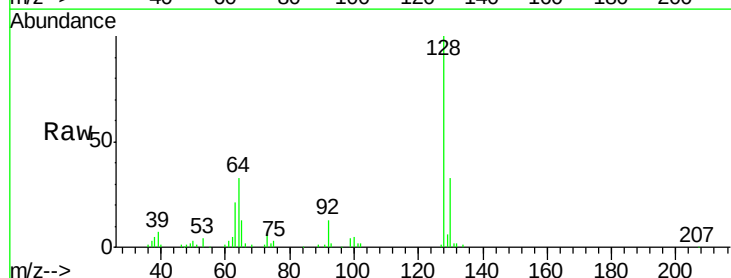
Tgt Ion: 128 Resp: 103015

Ion Ratio Lower Upper

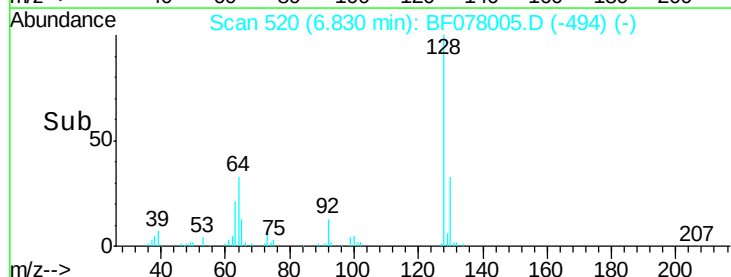
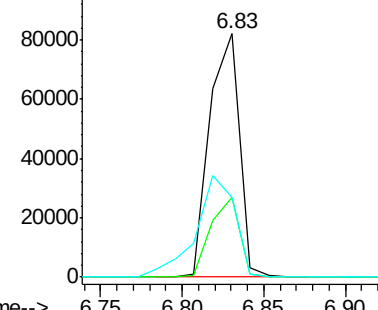
128 100

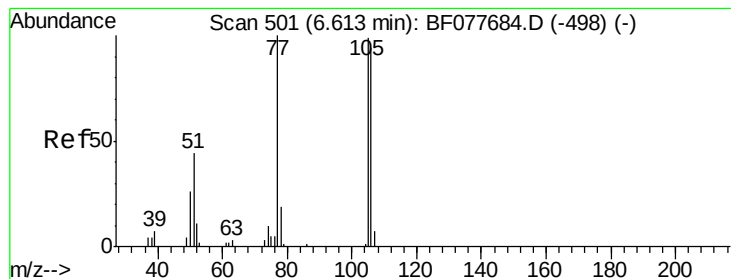
130 33.0 12.0 52.0

64 32.7 24.9 64.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 4.04 ng

RT: 6.54 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF078005.D

Acq: 26 Mar 2015 19:56

Instrument :

BNA_F

ClientSampleId :

PB82321BS

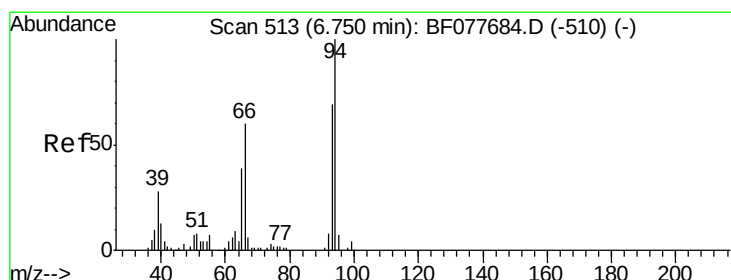
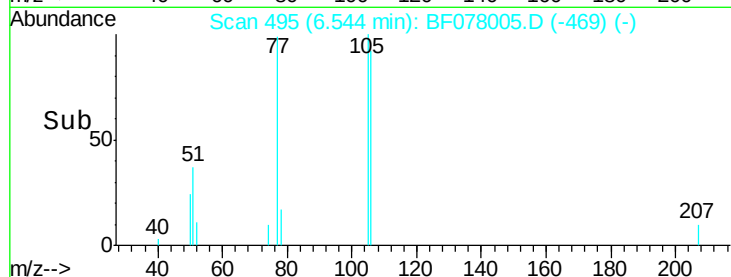
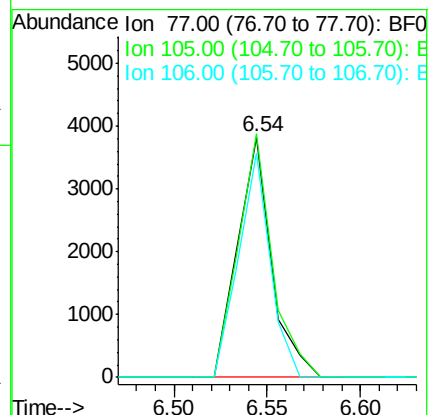
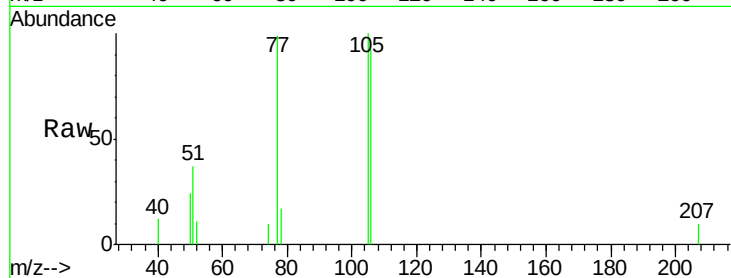
Tgt Ion: 77 Resp: 4851

Ion Ratio Lower Upper

77 100

105 101.3 78.8 118.8

106 93.6 73.7 113.7



#10

Phenol

Concen: 35.50 ng

RT: 6.69 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF078005.D

Acq: 26 Mar 2015 19:56

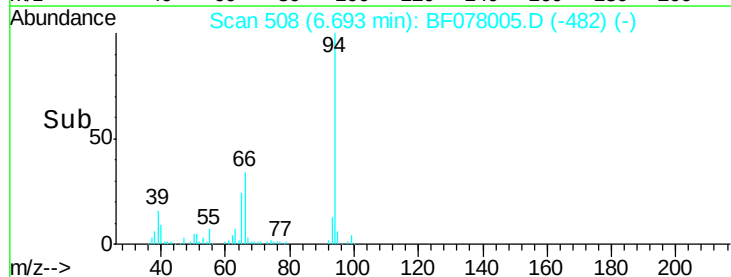
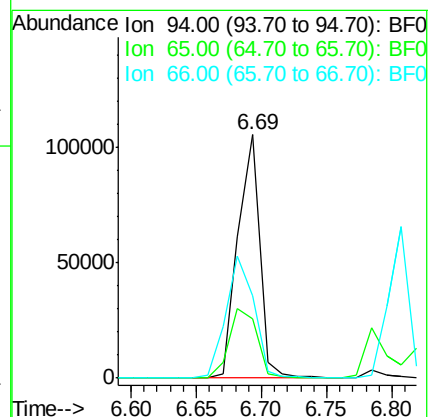
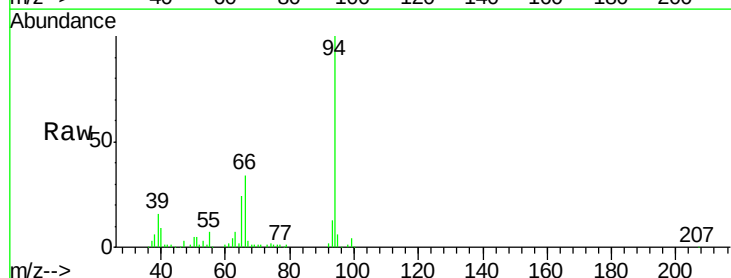
Tgt Ion: 94 Resp: 122978

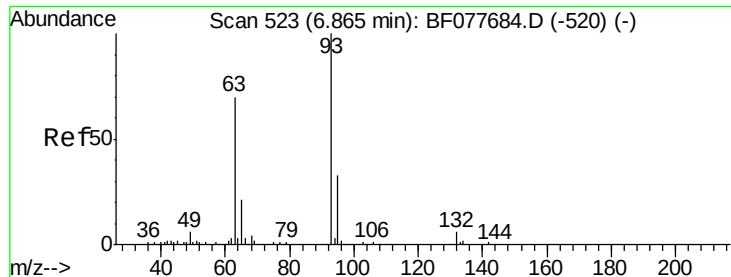
Ion Ratio Lower Upper

94 100

65 24.4 18.8 58.8

66 33.9 39.9 79.9#





#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

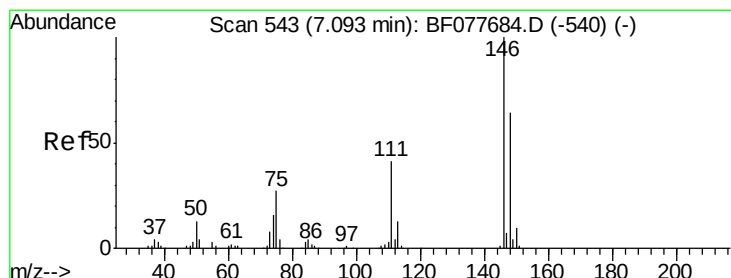
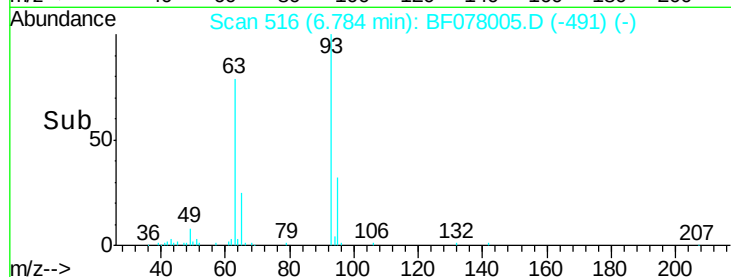
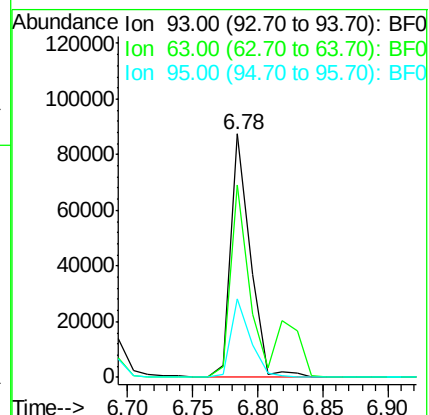
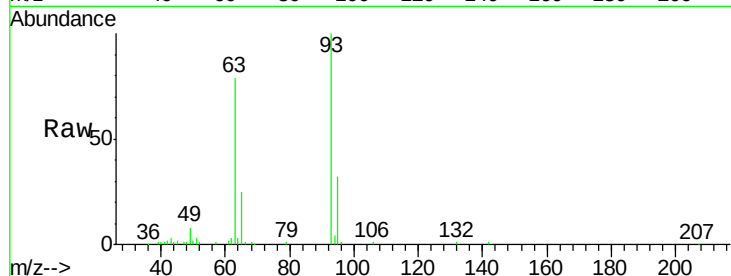
Tgt Ion: 93 Resp: 92258

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

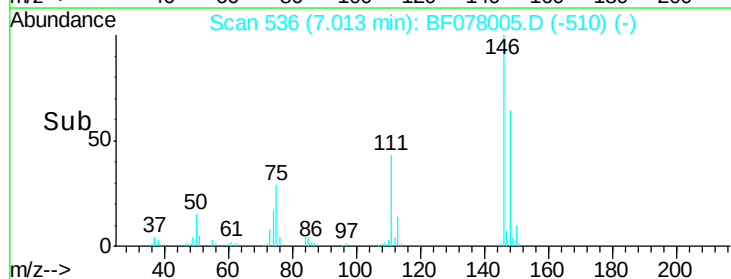
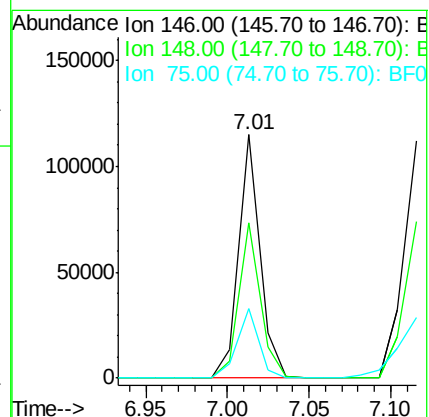
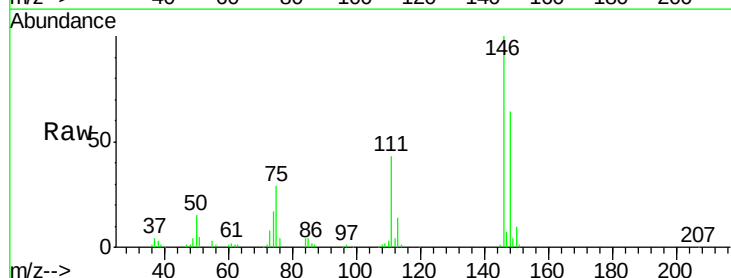
Tgt Ion: 146 Resp: 103608

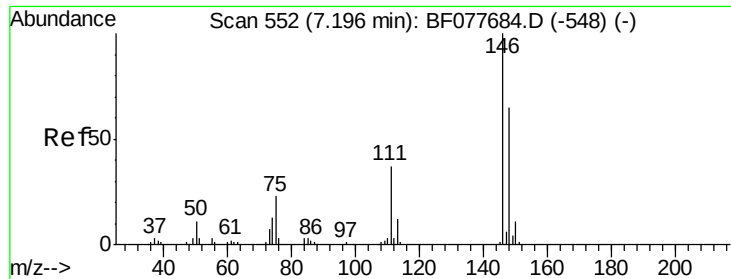
Ion Ratio Lower Upper

146 100

148 63.8 50.9 76.3

75 28.7 21.4 32.2

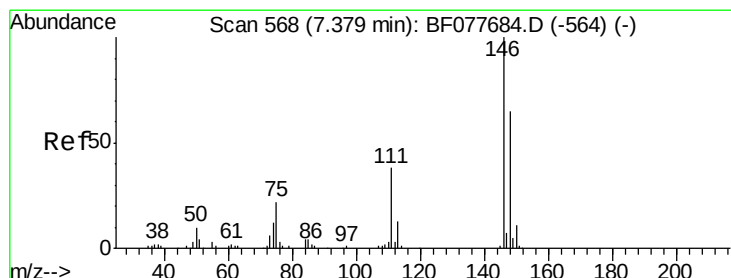
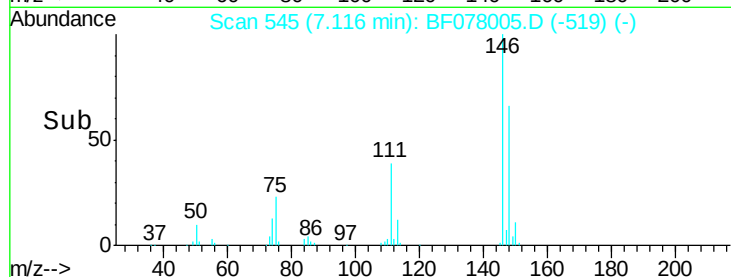
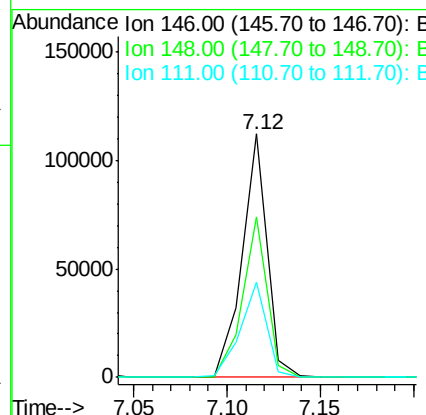
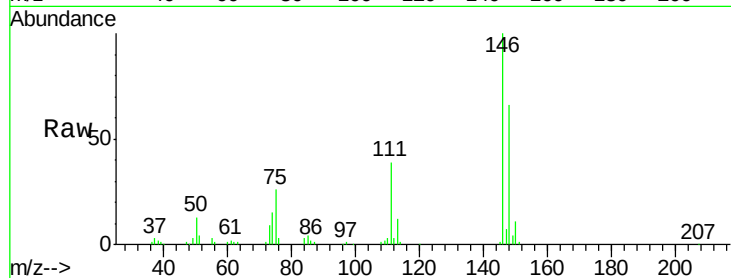




#13
 1,4-Dichlorobenzene
 Concen: 32.16 ng
 RT: 7.12 min Scan# 545
 Delta R.T. -0.00 min
 Lab File: BF078005.D
 Acq: 26 Mar 2015 19:56

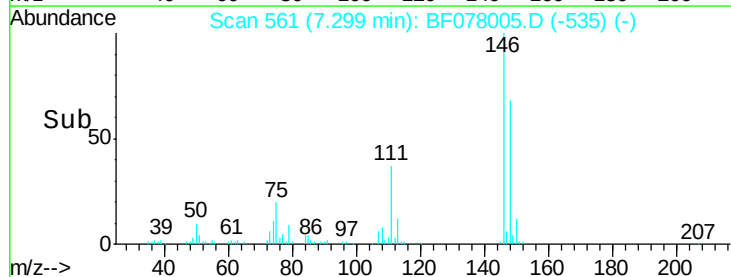
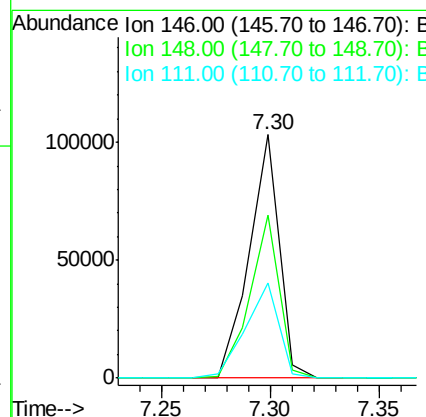
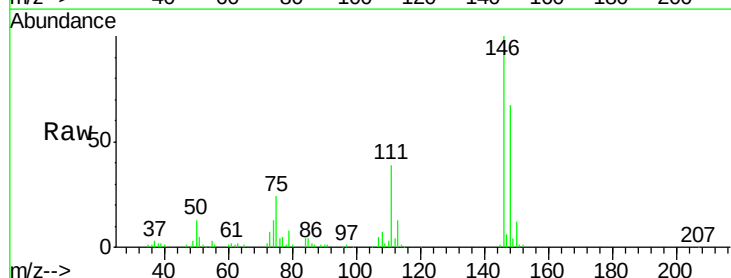
Instrument :
 BNA_F
 ClientSampleId :
 PB82321BS

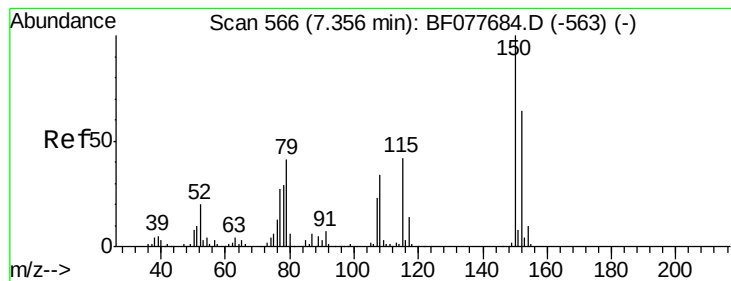
Tgt Ion:146 Resp: 104932
 Ion Ratio Lower Upper
 146 100
 148 65.8 51.9 77.9
 111 39.0 29.2 43.8



#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





#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

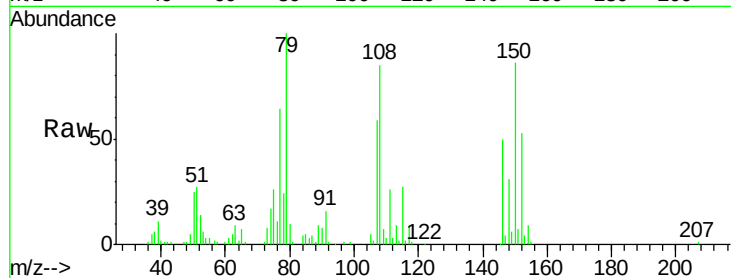
Tgt Ion: 79 Resp: 80792

Ion Ratio Lower Upper

79 100

108 85.2 65.0 97.4

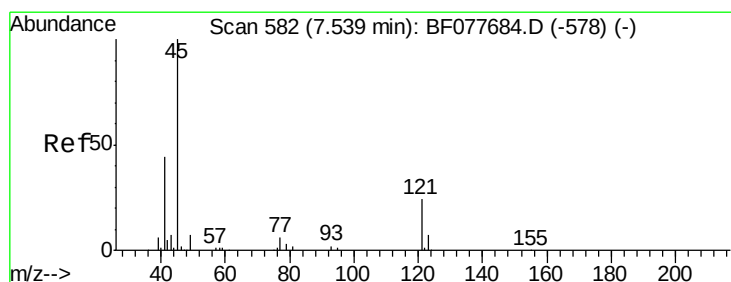
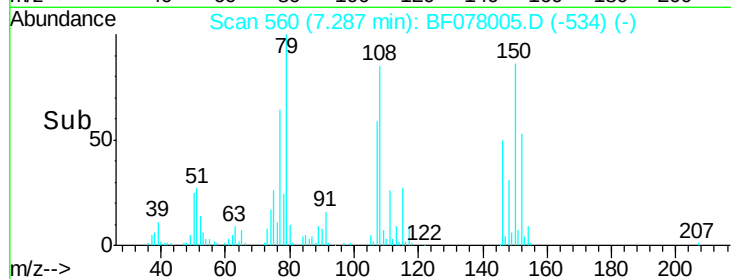
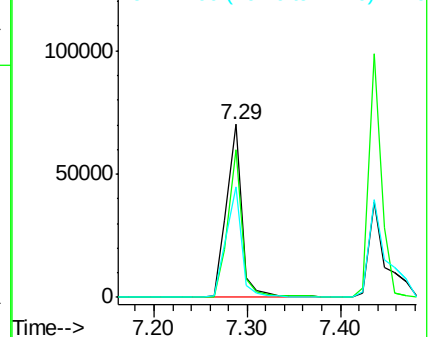
77 63.8 53.0 79.6



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

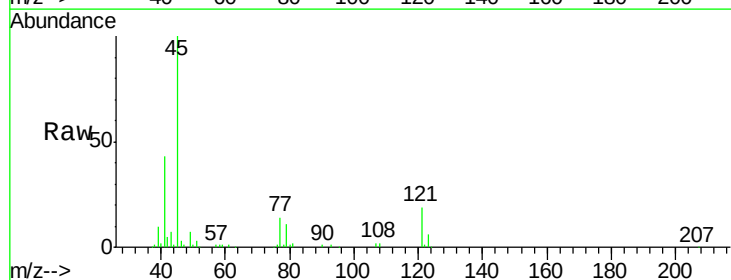
Tgt Ion: 45 Resp: 120631

Ion Ratio Lower Upper

45 100

77 13.8 0.0 35.2

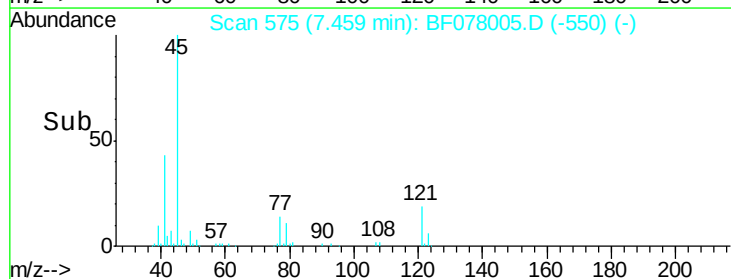
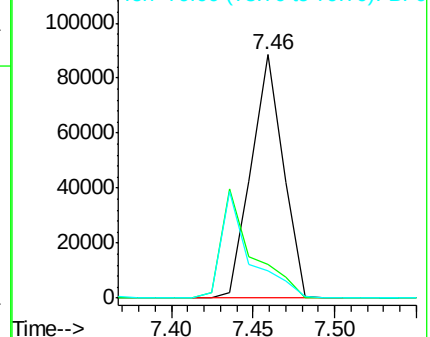
79 11.4 0.0 32.0

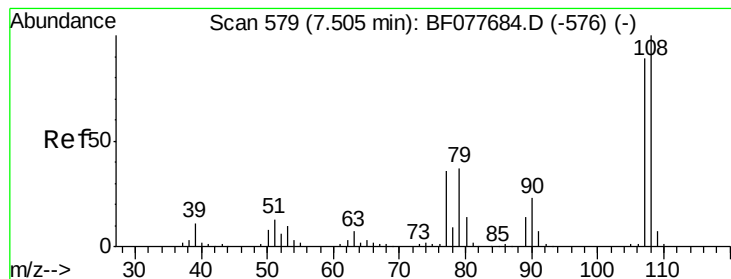


Abundance Ion 45.00 (44.70 to 45.70): BF0

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

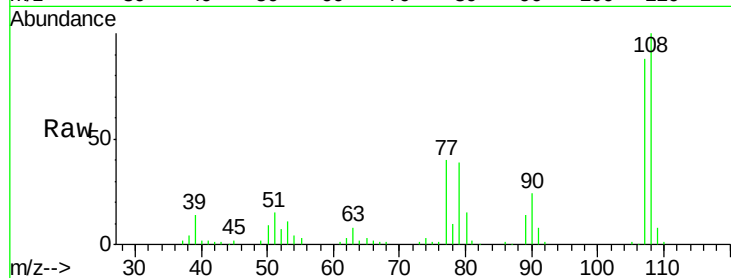
Ion Ratio Lower Upper

107 100

108 113.7 89.8 134.8

77 45.7 32.6 48.8

79 44.6 32.8 49.2

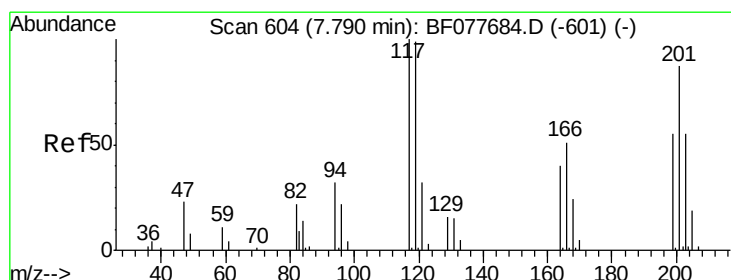
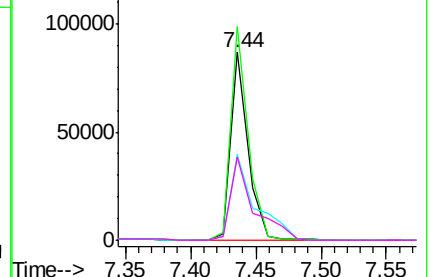
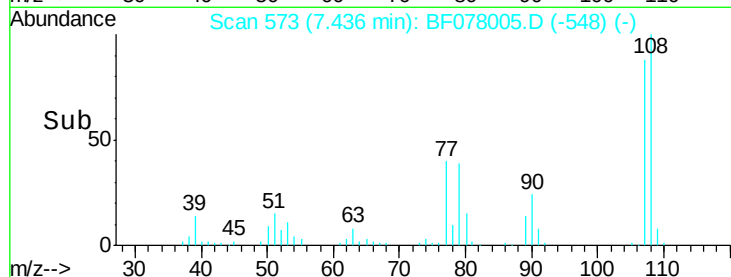


Abundance Ion 107.00 (106.70 to 107.70): E

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

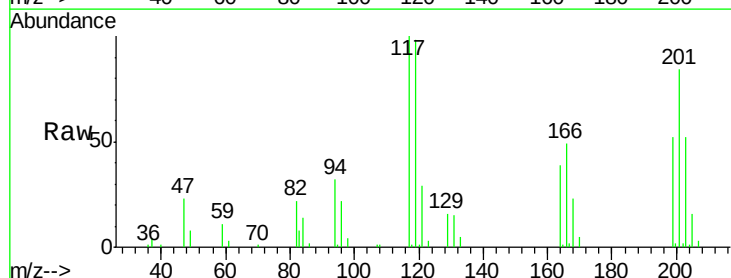
Tgt Ion:117 Resp: 36058

Ion Ratio Lower Upper

117 100

119 97.7 79.2 118.8

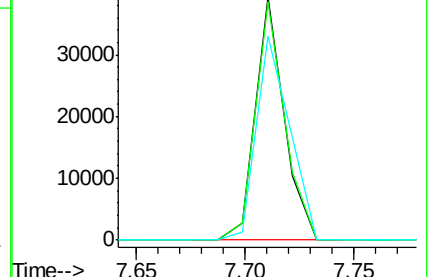
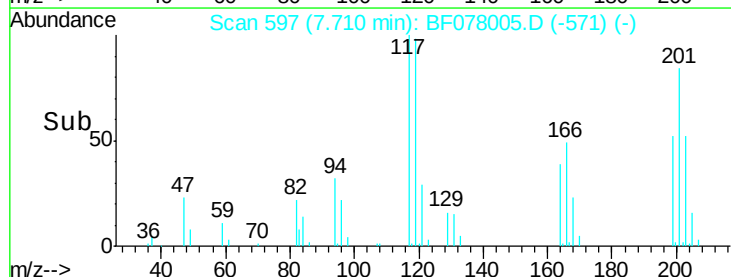
201 83.6 69.8 104.6

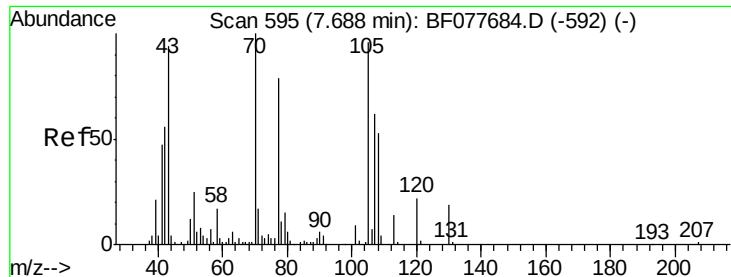


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

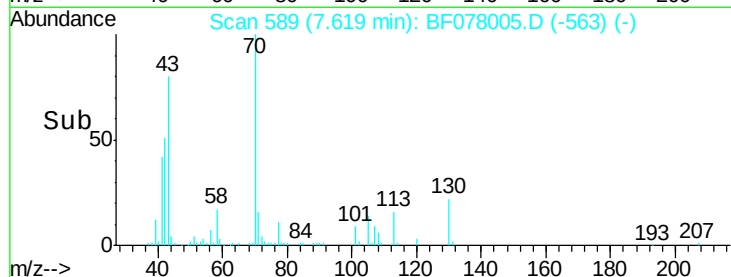
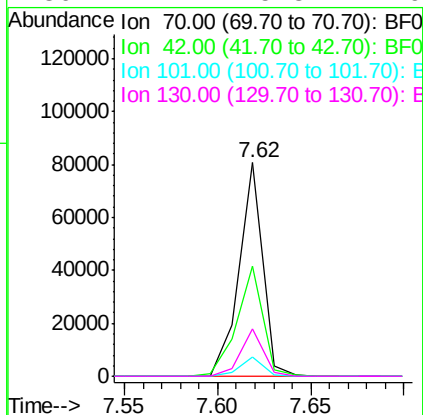
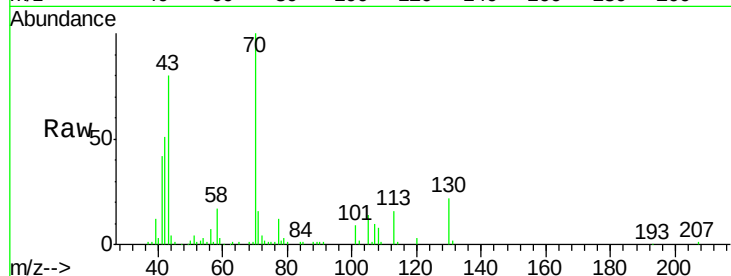




#19
n-Nitroso-di-n-propylamine
Concen: 35.41 ng
RT: 7.62 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

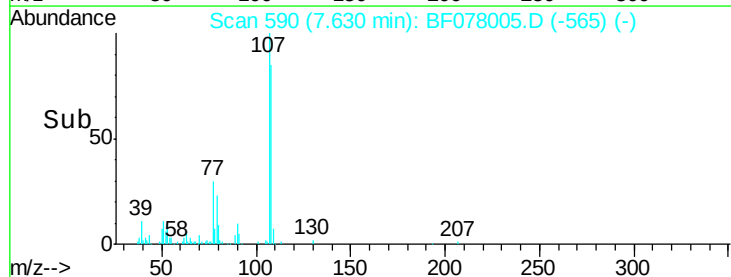
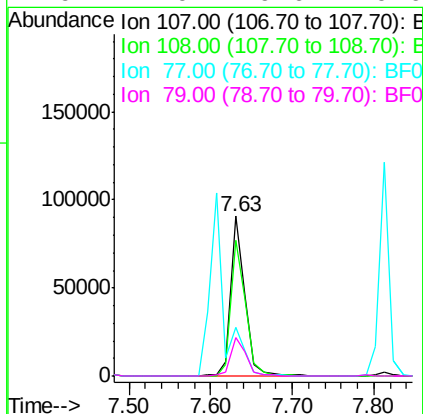
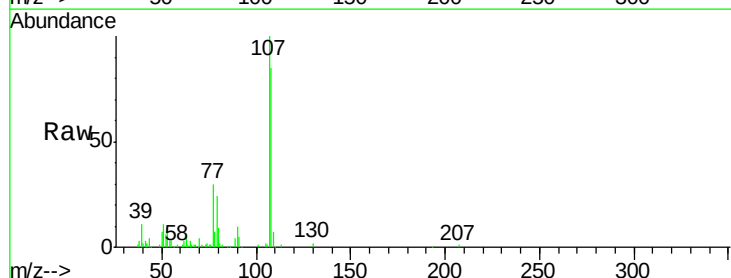
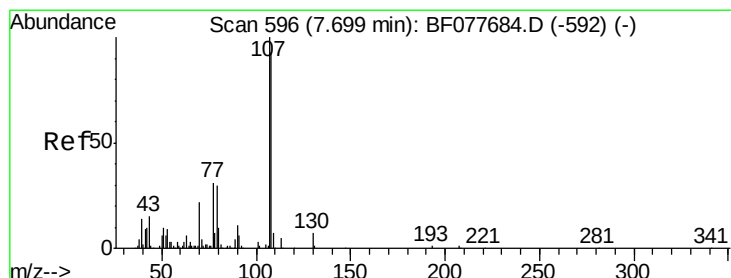
Instrument :
BNA_F
ClientSampleId :
PB82321BS

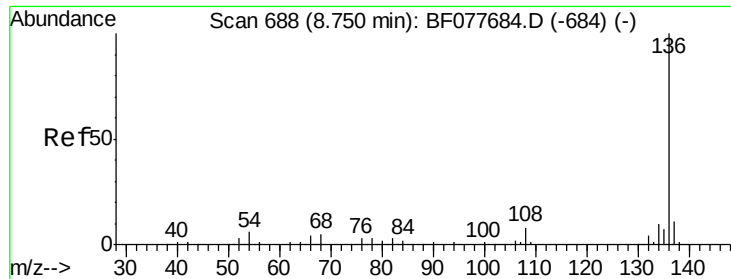
Tgt Ion:	70	Resp:	71797
Ion	Ratio	Lower	Upper
70	100		
42	51.3	44.5	66.7
101	9.1	7.4	11.2
130	22.4	15.3	22.9



#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

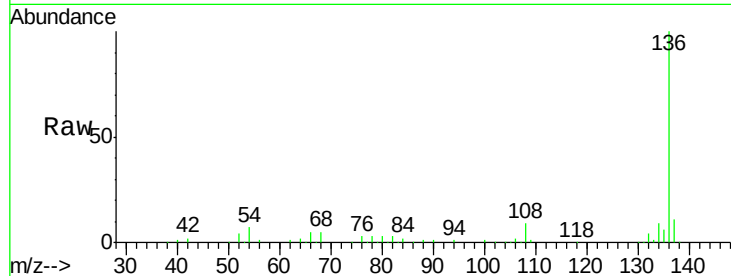




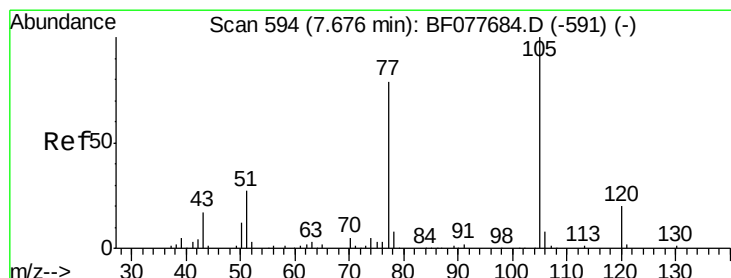
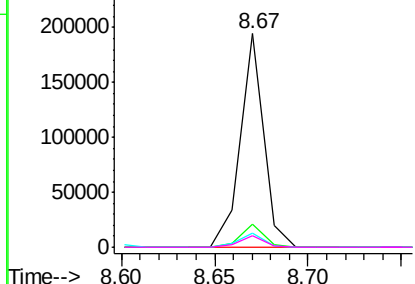
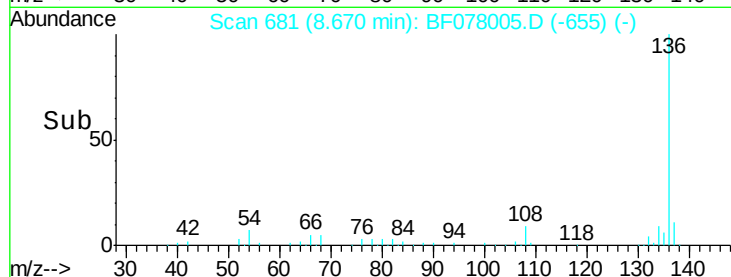
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

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

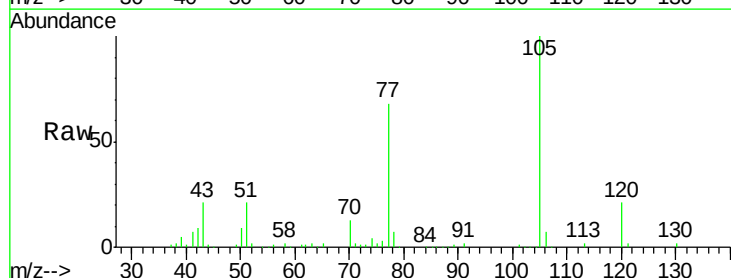


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

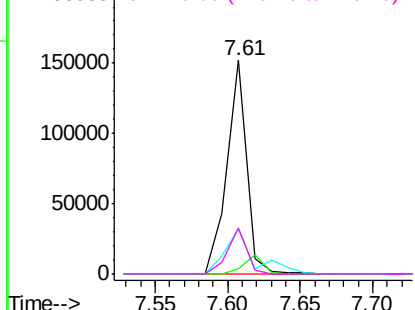
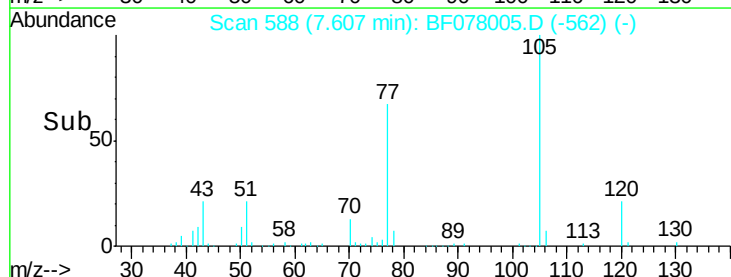


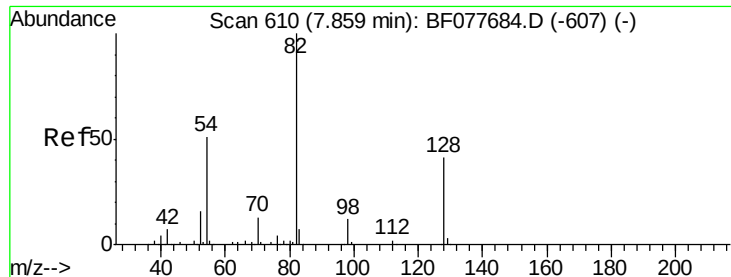
#22
Acetophenone
Concen: 38.20 ng
RT: 7.61 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

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

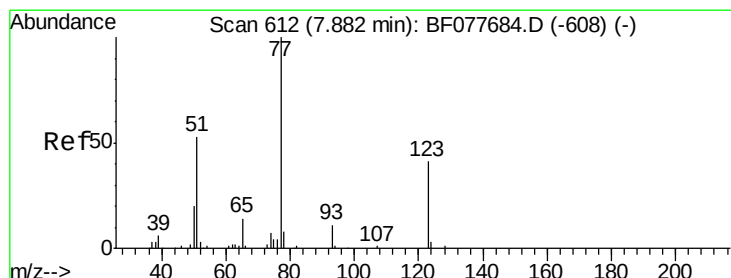
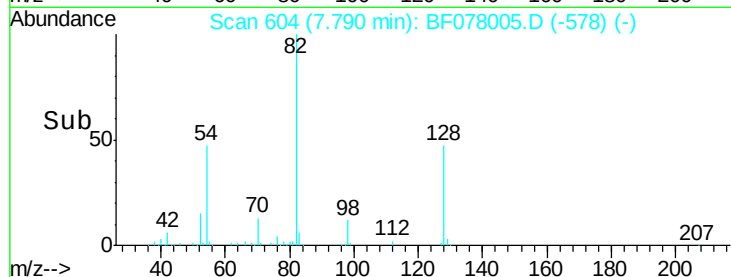
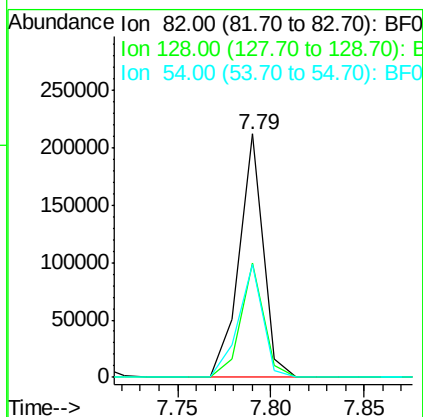
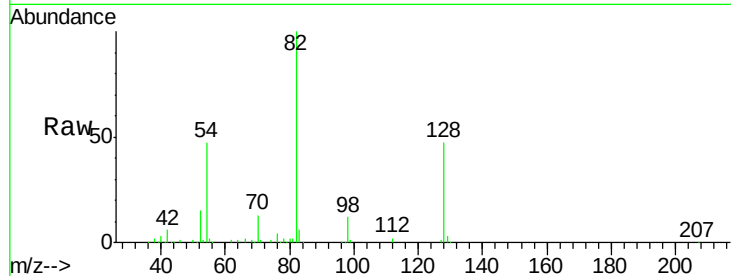




#23
 Nitrobenzene-d5
 Concen: 73.82 ng
 RT: 7.79 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF078005.D
 Acq: 26 Mar 2015 19:56

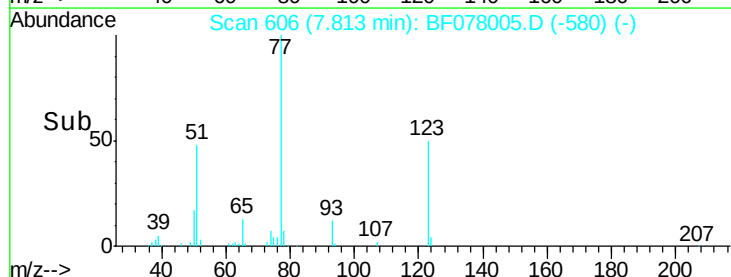
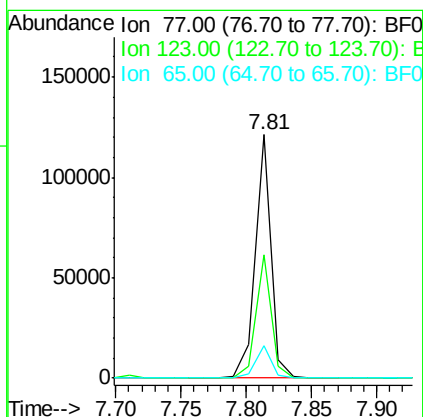
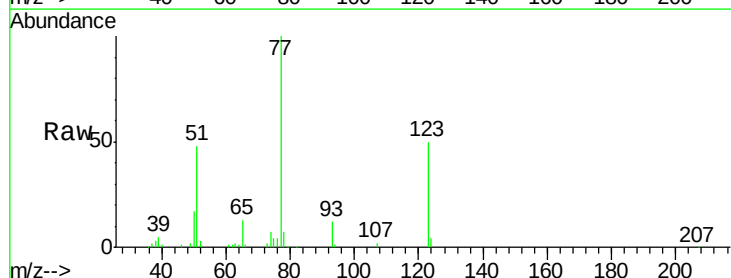
Instrument :
 BNA_F
 ClientSampleId :
 PB82321BS

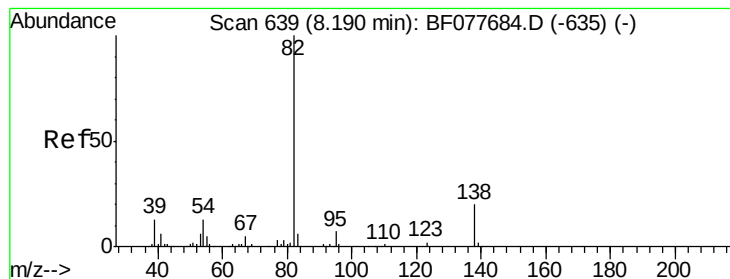
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.0	32.8	49.2
54	46.6	40.6	60.8



#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

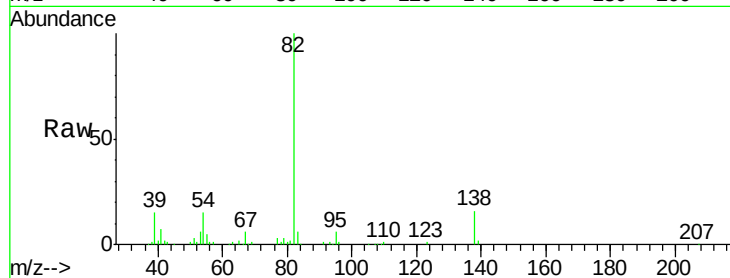
Tgt Ion: 82 Resp: 178488

Ion Ratio Lower Upper

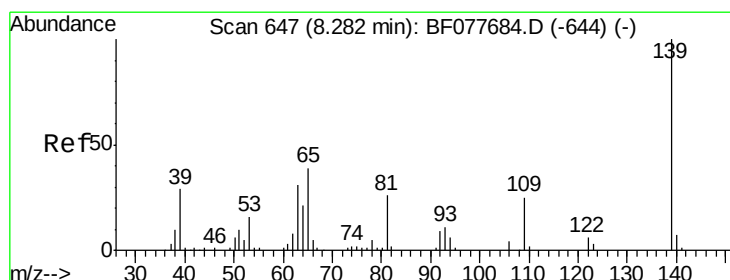
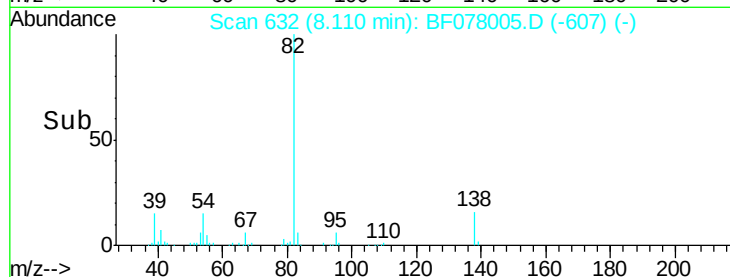
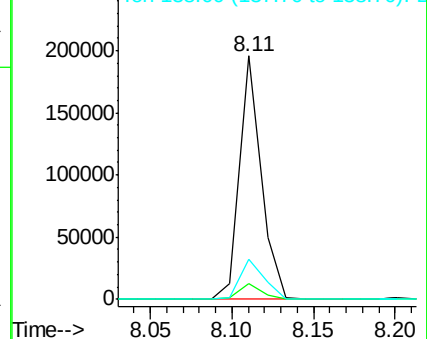
82 100

95 6.5 5.8 8.6

138 16.2 16.3 24.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#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

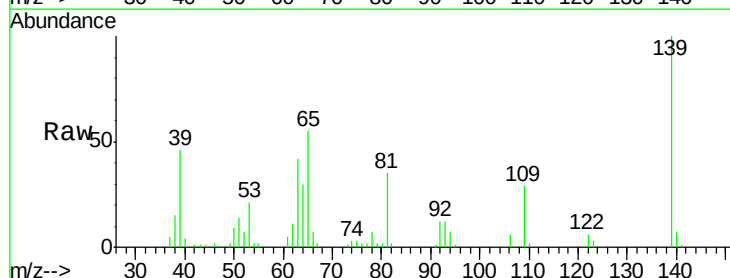
Tgt Ion: 139 Resp: 46423

Ion Ratio Lower Upper

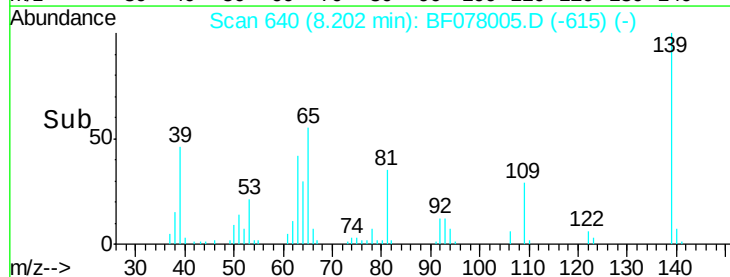
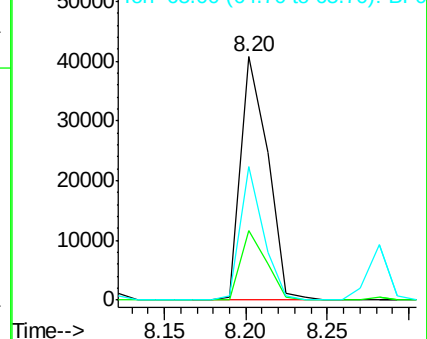
139 100

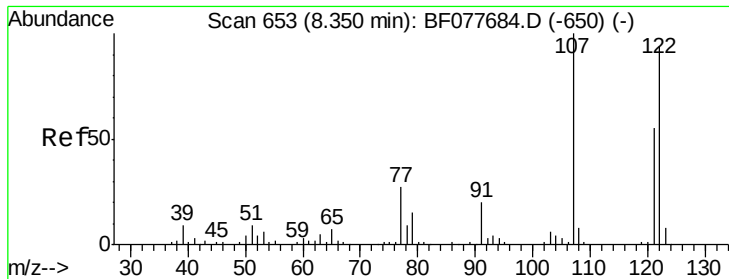
109 28.8 20.1 30.1

65 54.6 31.5 47.3#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

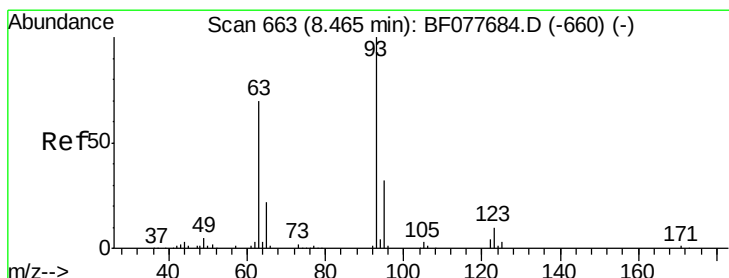
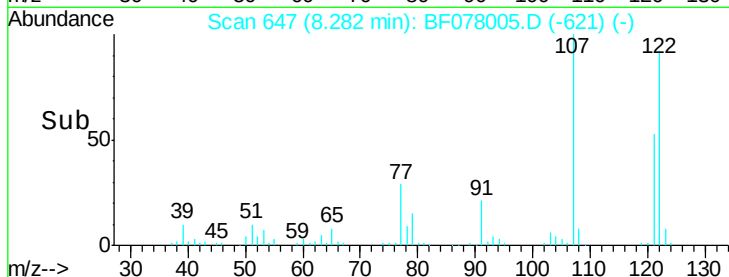
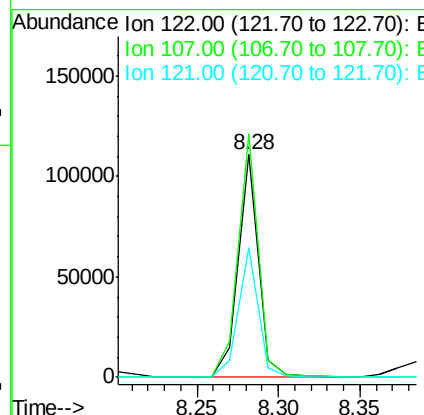
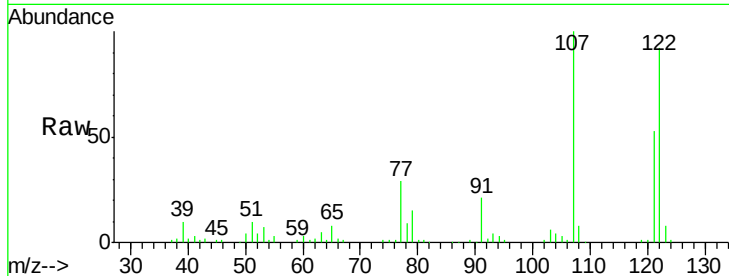




#27
 2,4-Dimethylphenol
 Concen: 37.65 ng
 RT: 8.28 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BF078005.D
 Acq: 26 Mar 2015 19:56

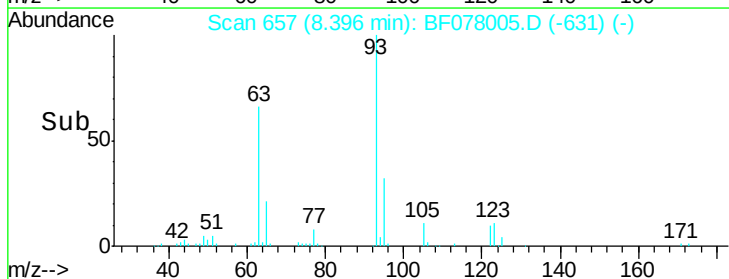
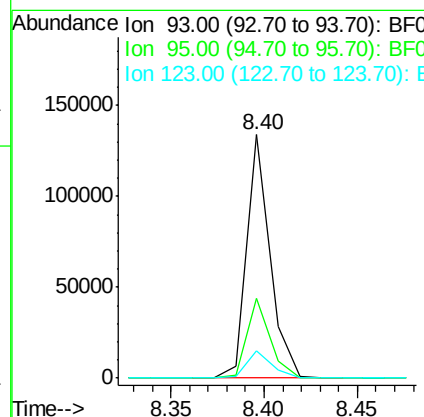
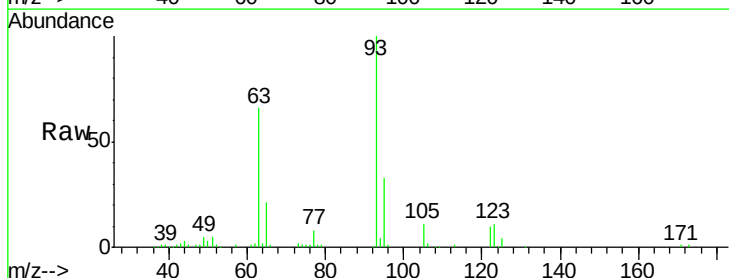
Instrument :
 BNA_F
 ClientSampleId :
 PB82321BS

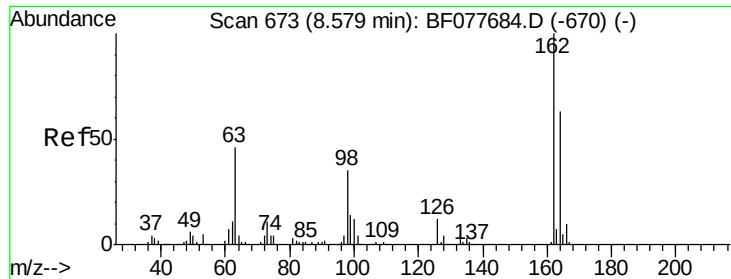
Tgt Ion: 122 Resp: 93758
 Ion Ratio Lower Upper
 122 100
 107 109.2 84.7 127.1
 121 58.4 46.6 69.8



#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

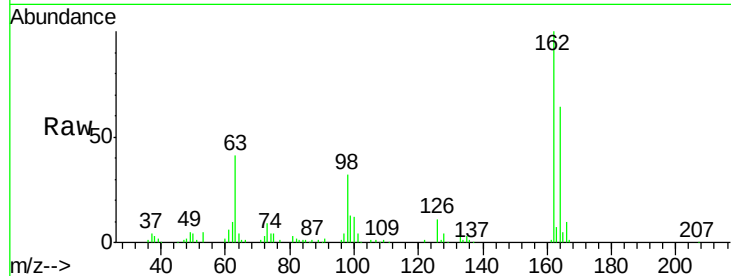




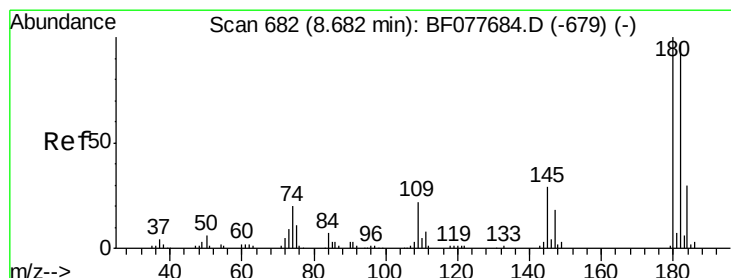
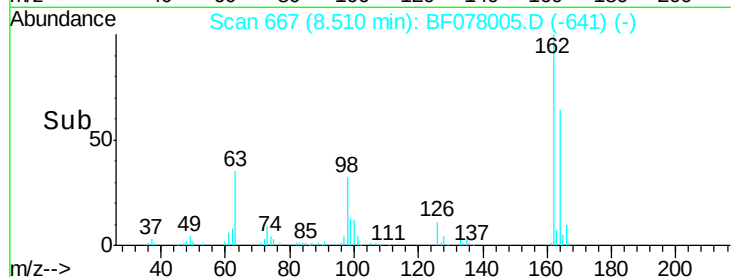
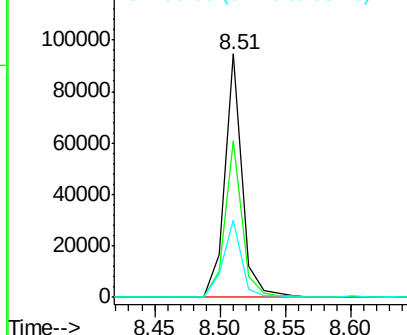
#29
2,4-Dichlorophenol
Concen: 37.07 ng
RT: 8.51 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

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

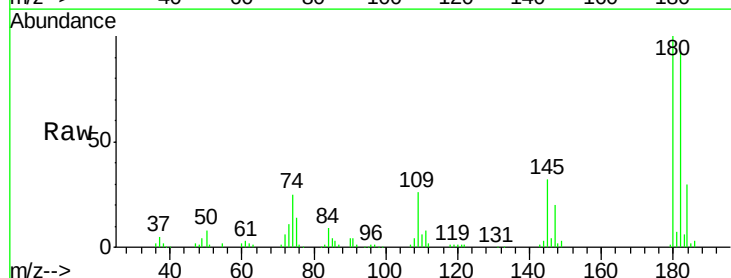


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

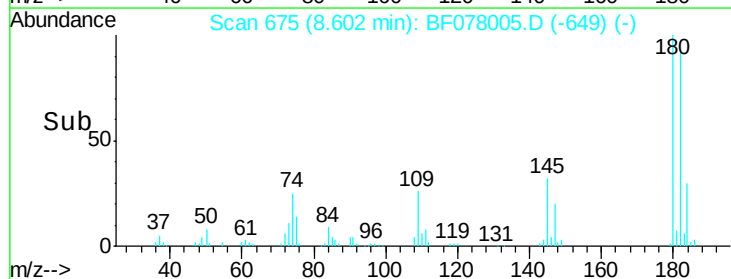
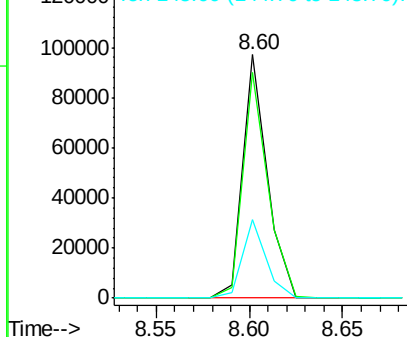


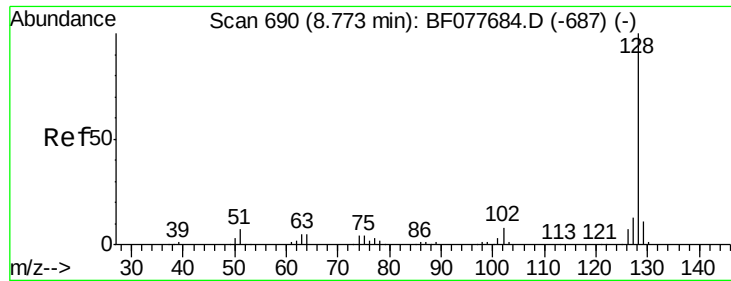
#30
1,2,4-Trichlorobenzene
Concen: 33.50 ng
RT: 8.60 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

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

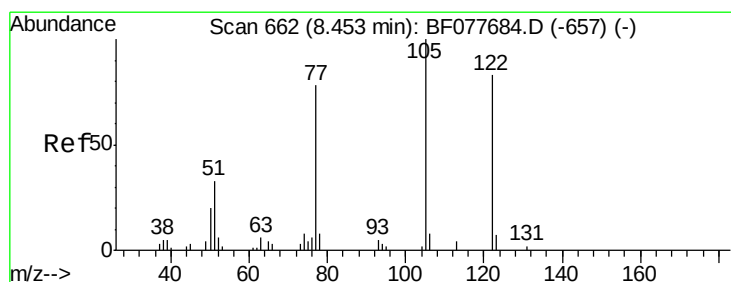
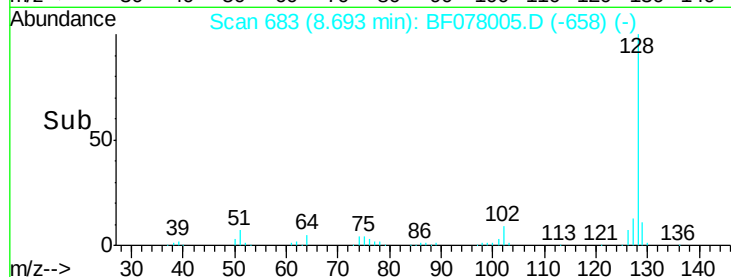
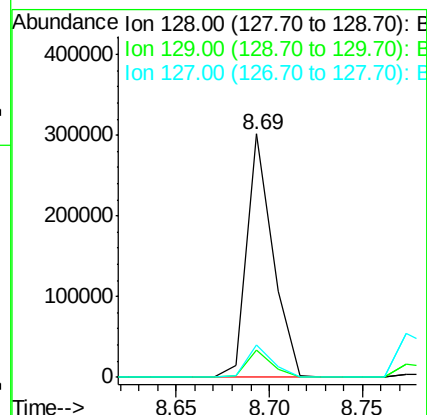
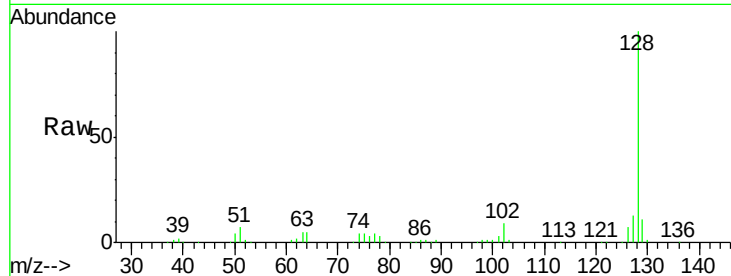




#31
Naphthalene
Concen: 33.39 ng
RT: 8.69 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

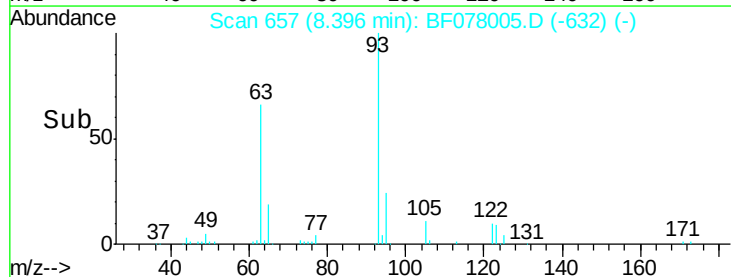
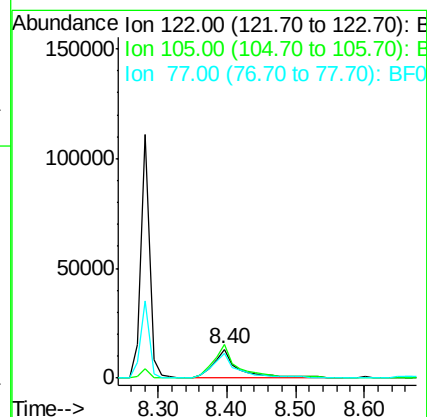
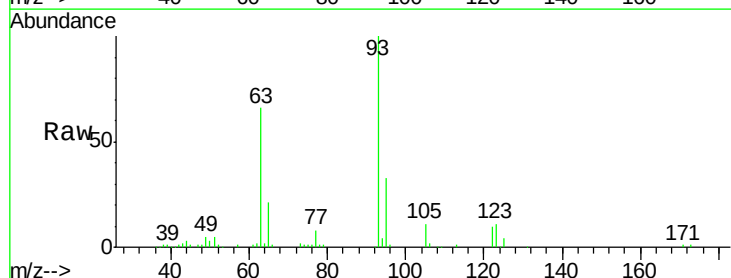
Instrument :
BNA_F
ClientSampleId :
PB82321BS

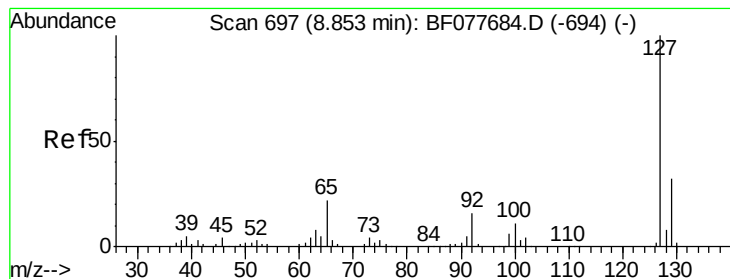
Tgt Ion:128 Resp: 291356
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.1 10.4 15.6



#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

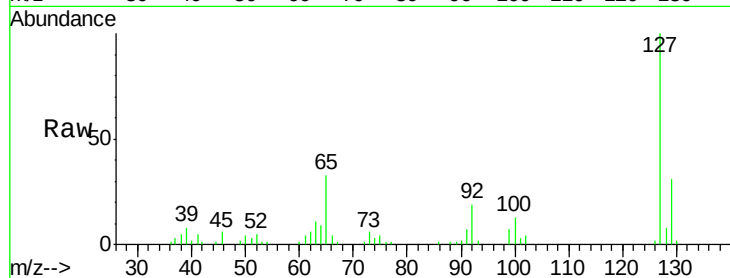




#33
 4-Chloroaniline
 Concen: 20.23 ng
 RT: 8.77 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: BF078005.D
 Acq: 26 Mar 2015 19:56

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



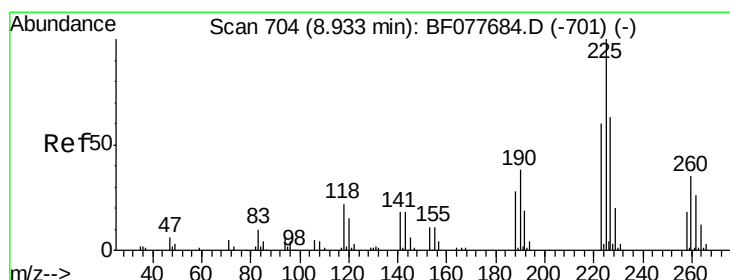
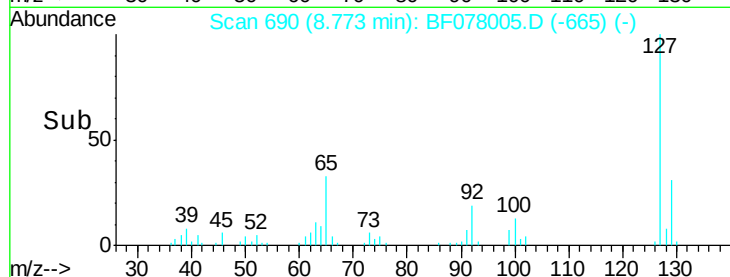
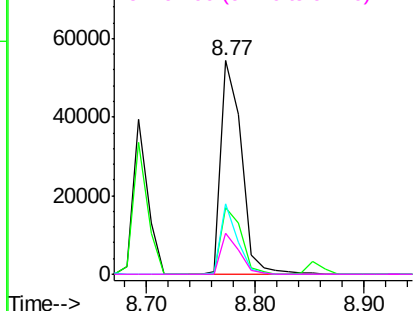
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

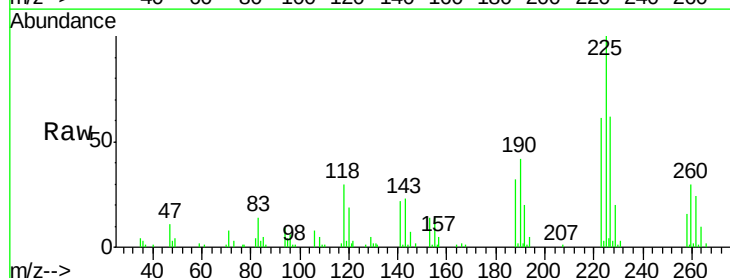
Ion 65.00 (64.70 to 65.70): BF0

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

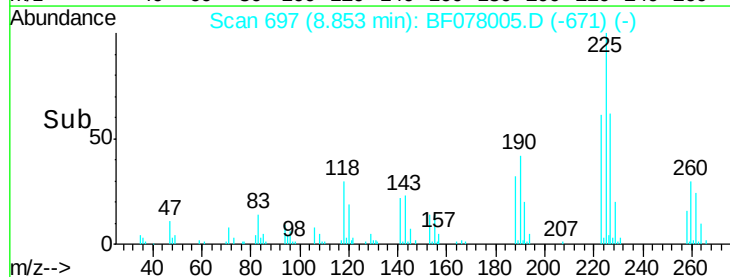
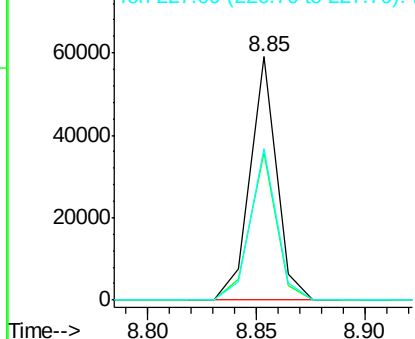


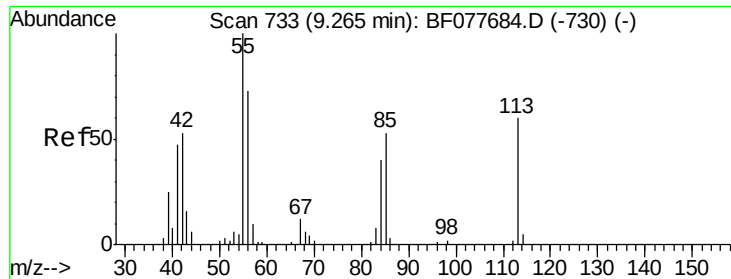
Abundance

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

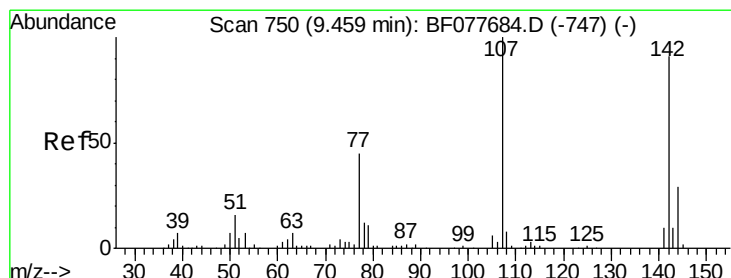
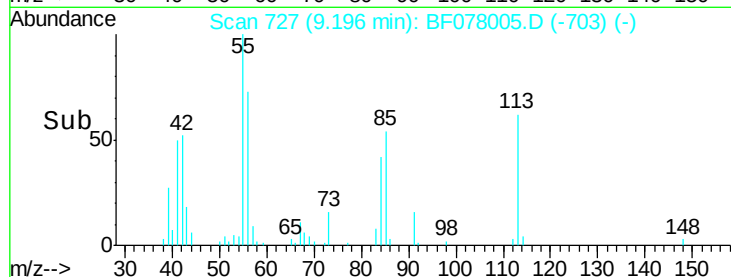
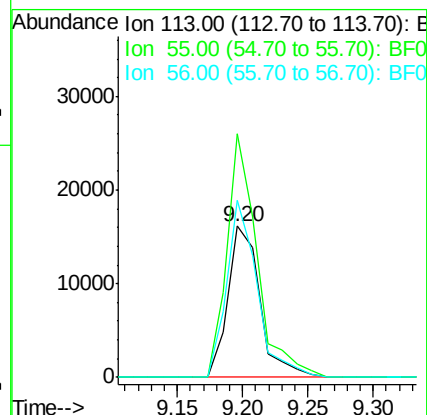
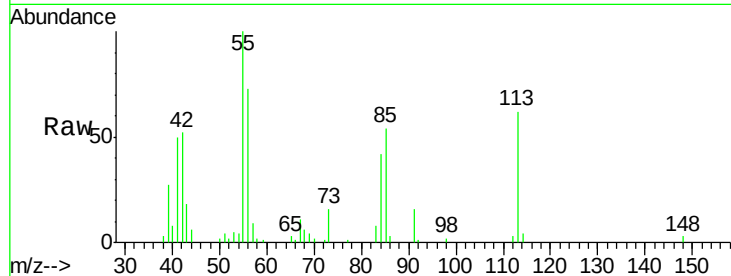




#35
 Caprolactam
 Concen: 39.60 ng
 RT: 9.20 min Scan# 727
 Delta R.T. -0.02 min
 Lab File: BF078005.D
 Acq: 26 Mar 2015 19:56

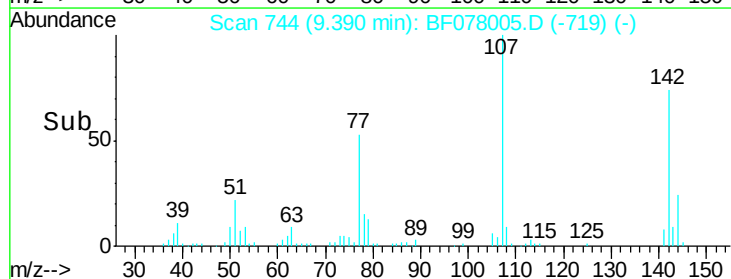
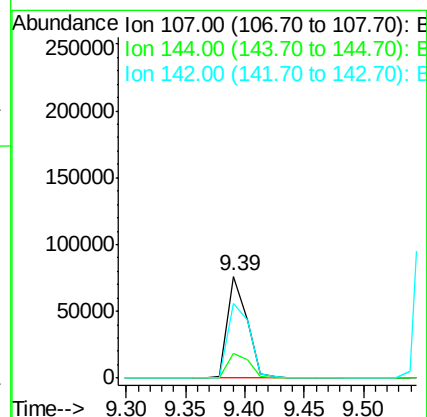
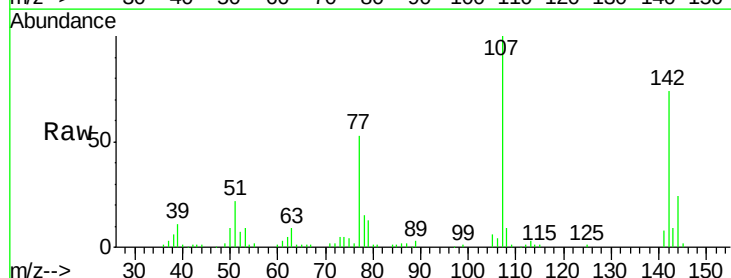
Instrument :
 BNA_F
 ClientSampleId :
 PB82321BS

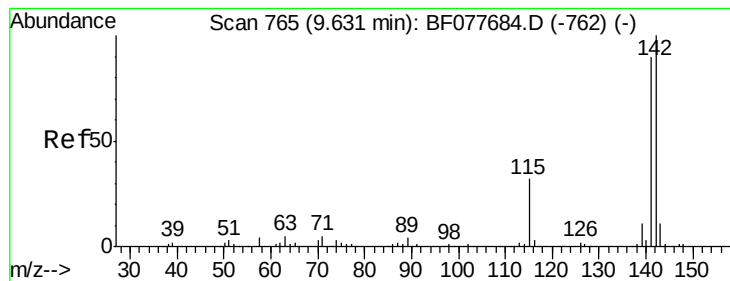
Tgt Ion:113 Resp: 27474
 Ion Ratio Lower Upper
 113 100
 55 161.3 145.9 185.9
 56 117.5 101.0 141.0



#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

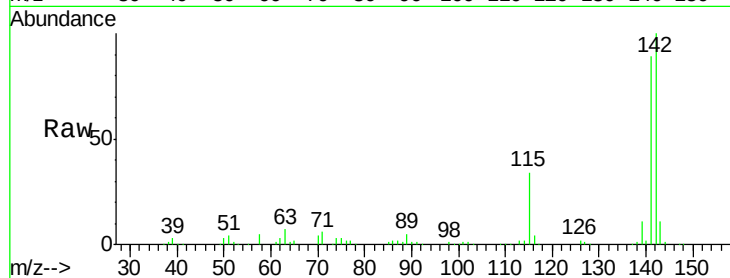
Tgt Ion:142 Resp: 202967

Ion Ratio Lower Upper

142 100

141 89.3 71.9 107.9

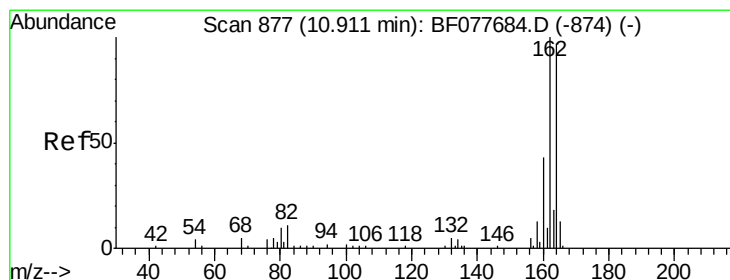
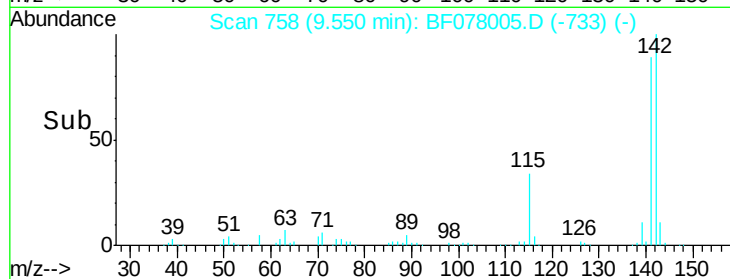
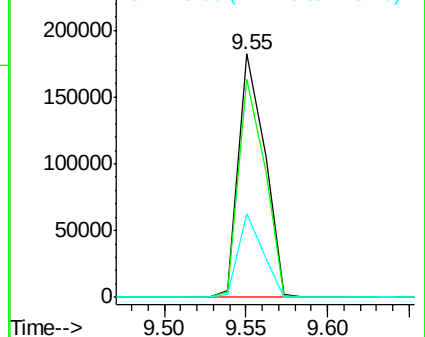
115 34.1 25.4 38.0



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

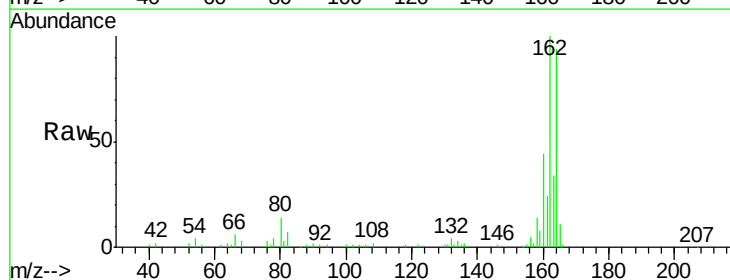
Tgt Ion:164 Resp: 86238

Ion Ratio Lower Upper

164 100

162 106.4 82.4 123.6

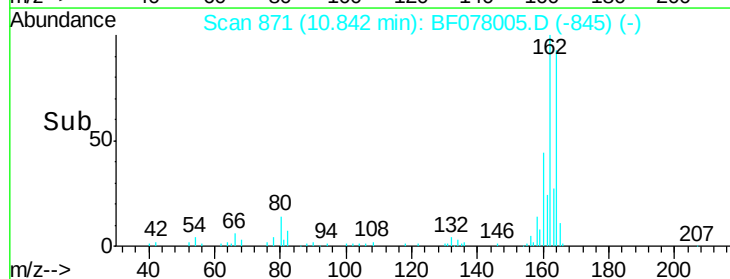
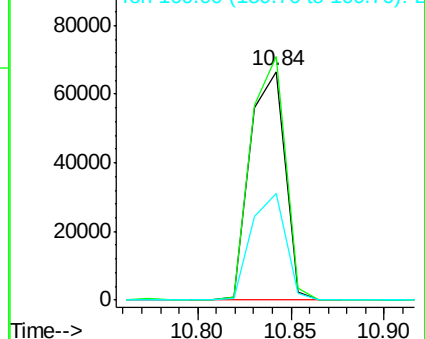
160 46.7 35.8 53.6

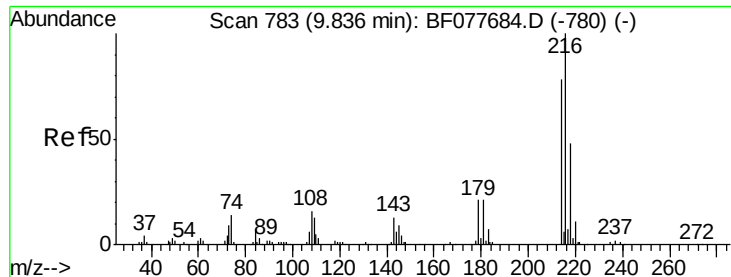


Abundance Ion 164.00 (163.70 to 164.70): E

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

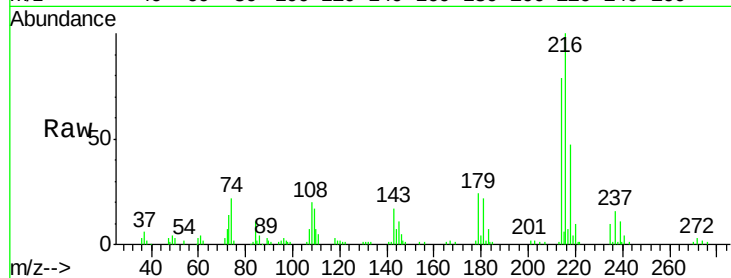
Ion Ratio Lower Upper

216 100

214 79.0 0.0 0.0#

179 21.9 0.0 0.0#

108 20.0 0.0 0.0#

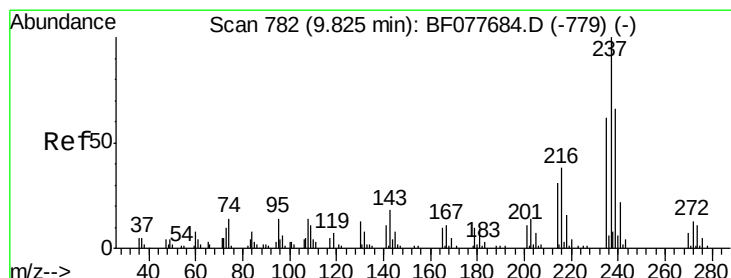
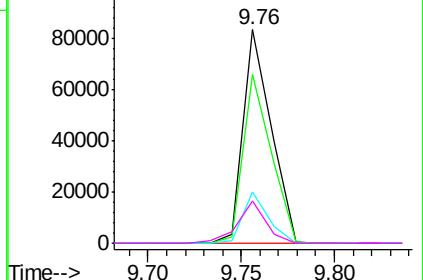
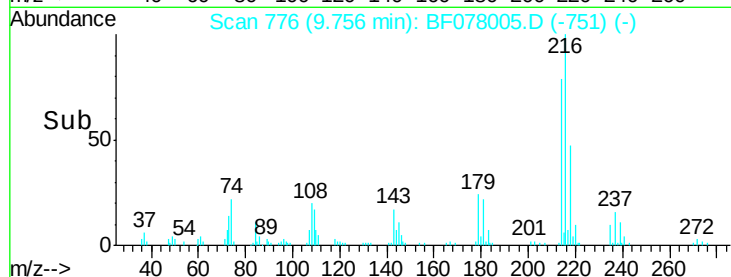


Abundance Ion 216.00 (215.70 to 216.70): E

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

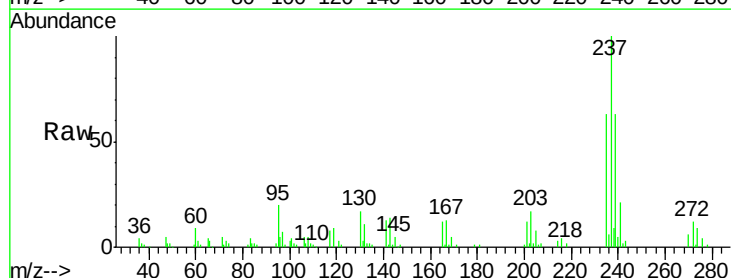
Tgt Ion:237 Resp: 76469

Ion Ratio Lower Upper

237 100

235 62.6 42.0 82.0

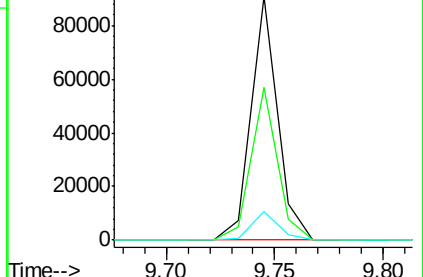
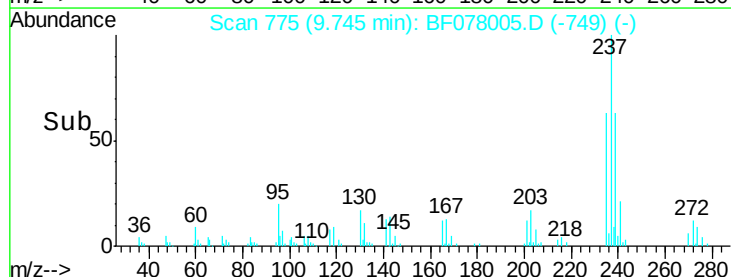
272 11.8 0.0 33.4

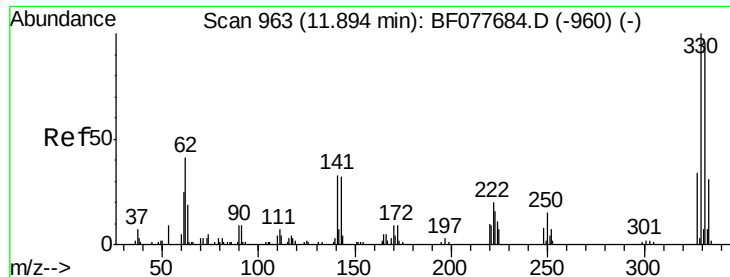


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

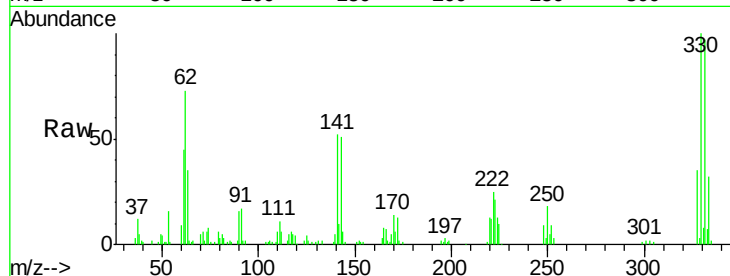




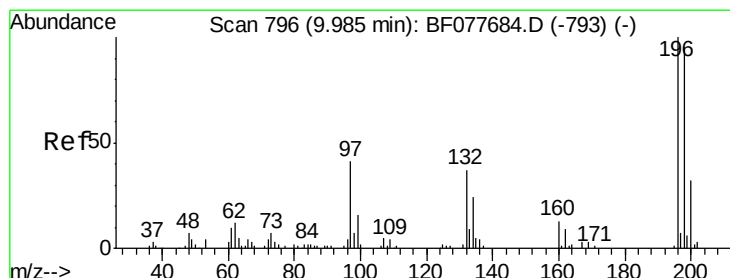
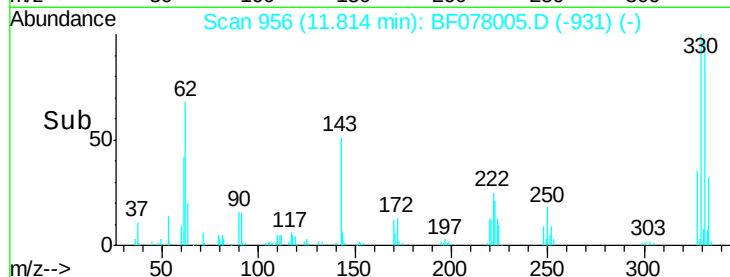
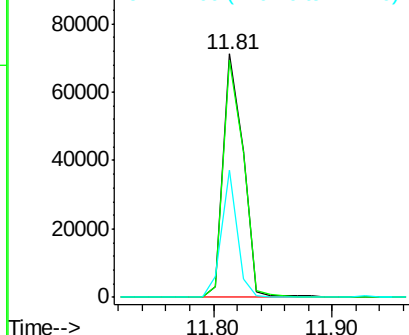
#41
 2,4,6-Tribromophenol
 Concen: 100.56 ng
 RT: 11.81 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF078005.D
 Acq: 26 Mar 2015 19:56

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#

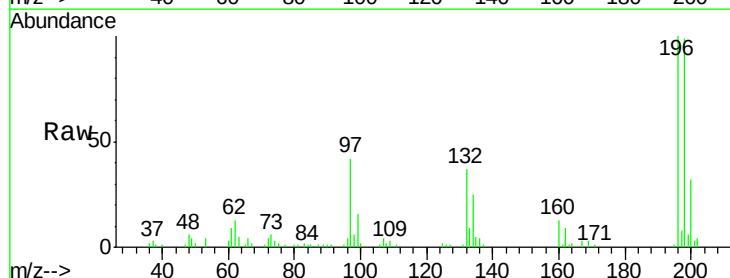


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

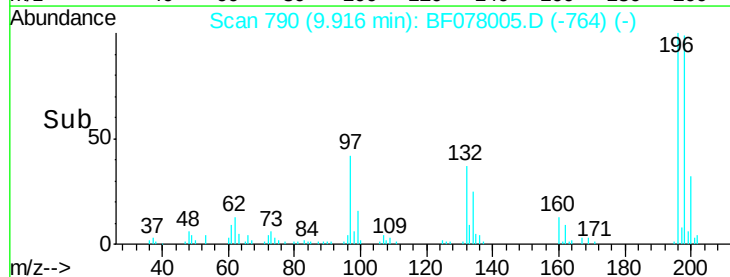
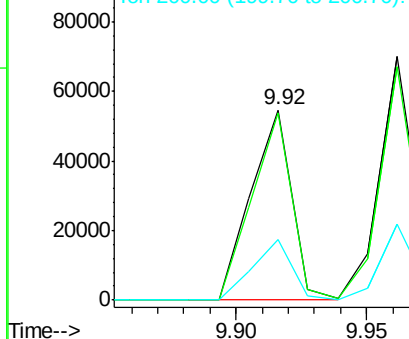


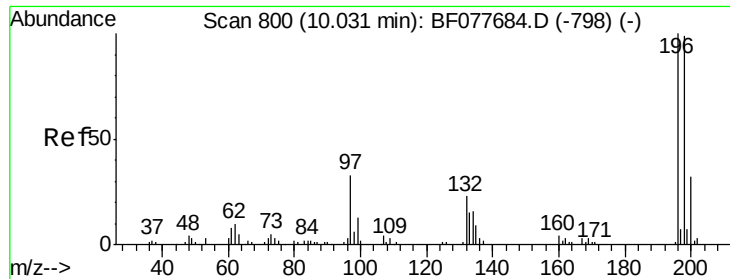
#42
 2,4,6-Trichlorophenol
 Concen: 33.71 ng
 RT: 9.92 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF078005.D
 Acq: 26 Mar 2015 19:56

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

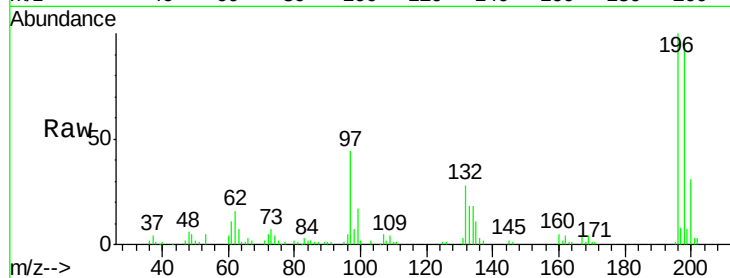




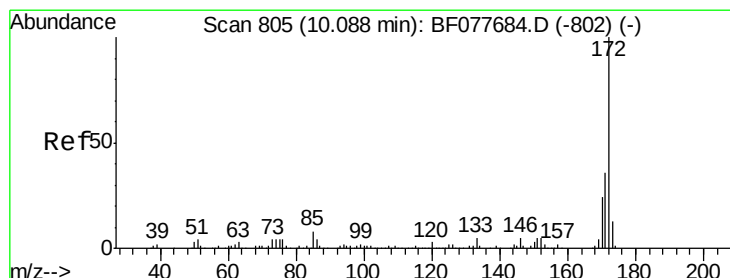
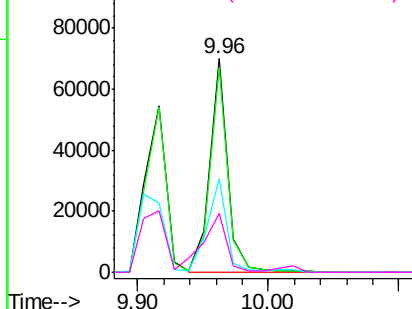
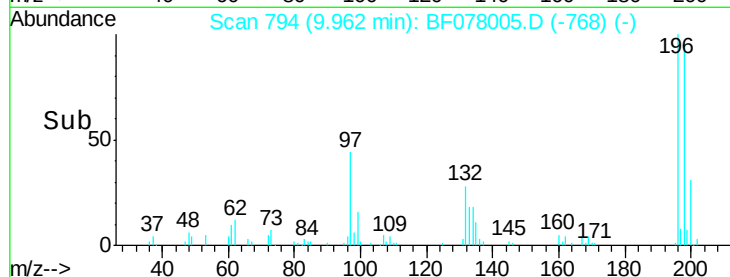
#43
 2,4,5-Trichlorophenol
 Concen: 34.81 ng
 RT: 9.96 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF078005.D
 Acq: 26 Mar 2015 19:56

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

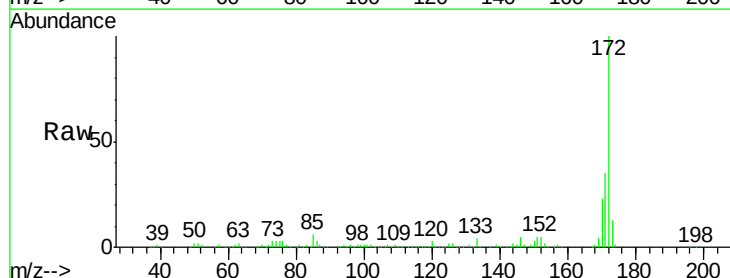


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

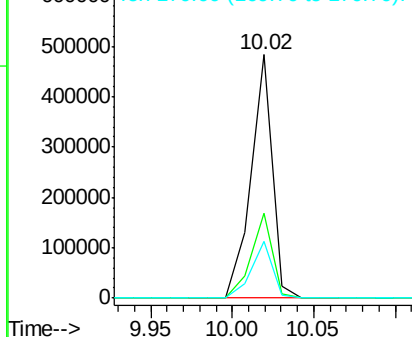
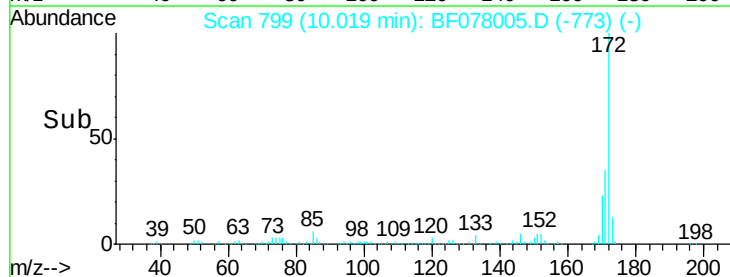


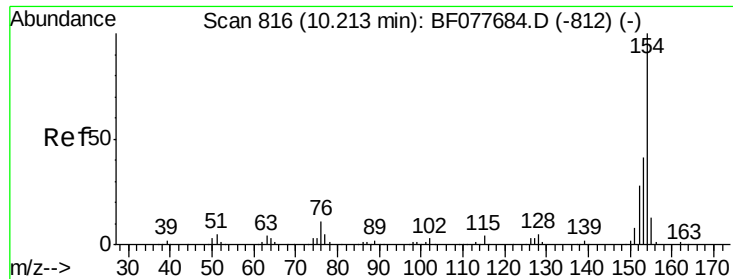
#44
 2-Fluorobiphenyl
 Concen: 74.59 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF078005.D
 Acq: 26 Mar 2015 19:56

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

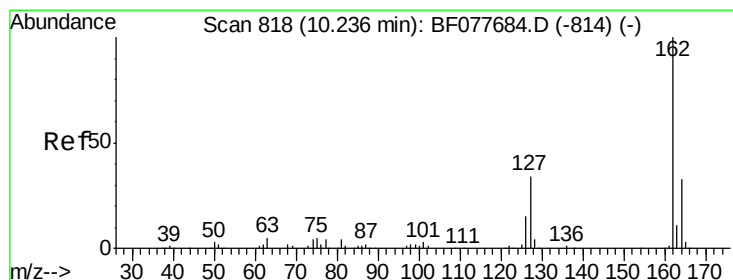
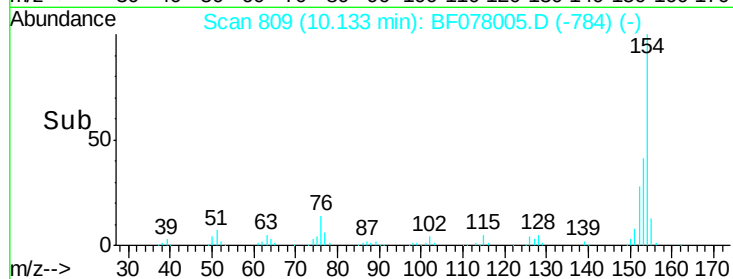
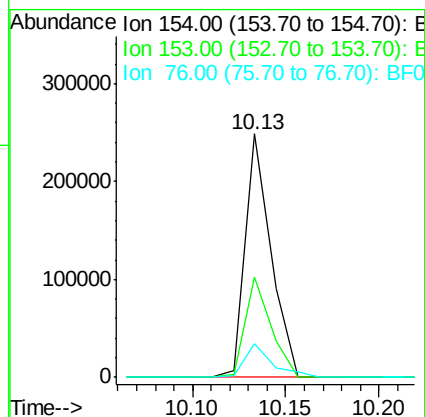
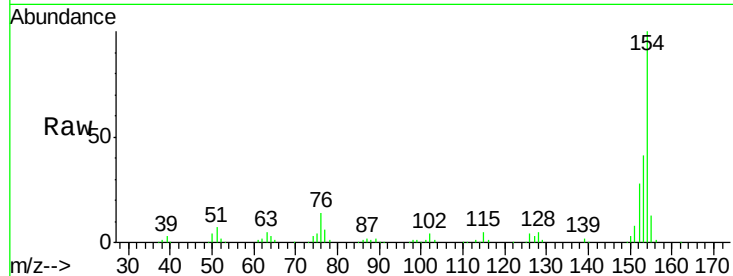




#45
1,1'-Biphenyl
Concen: 34.59 ng
RT: 10.13 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

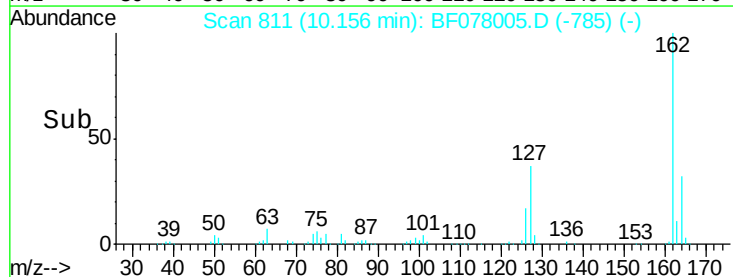
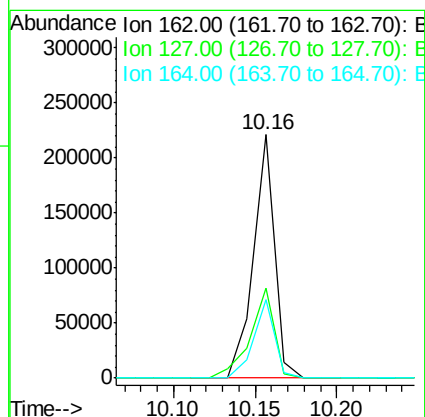
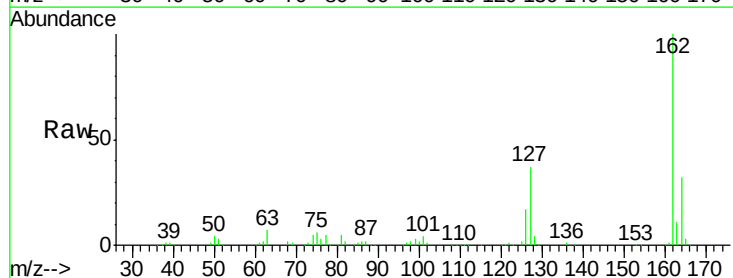
Instrument :
BNA_F
ClientSampleId :
PB82321BS

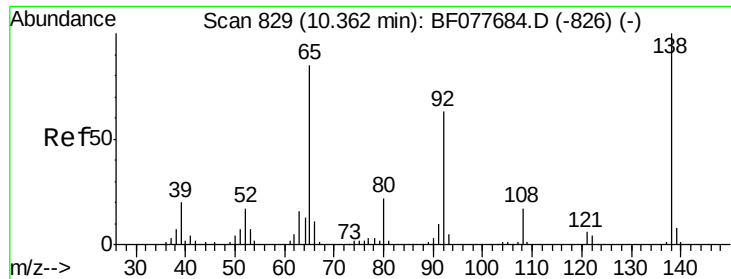
Tgt Ion:154 Resp: 238432
Ion Ratio Lower Upper
154 100
153 41.1 20.7 60.7
76 13.7 0.0 30.9



#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

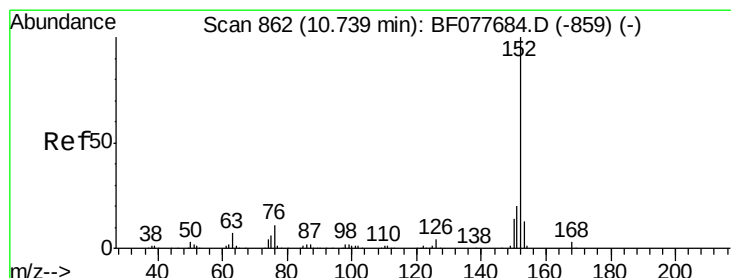
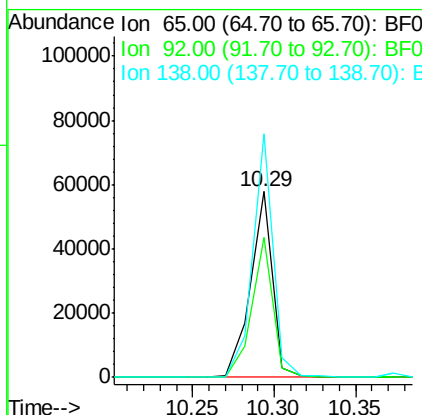
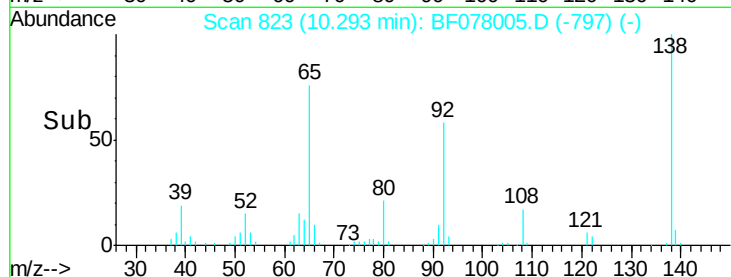
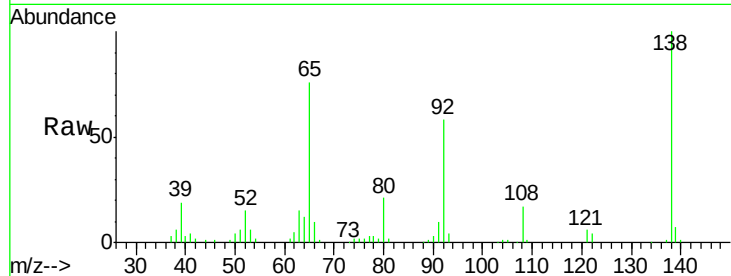




#47
 2-Nitroaniline
 Concen: 38.78 ng
 RT: 10.29 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF078005.D
 Acq: 26 Mar 2015 19:56

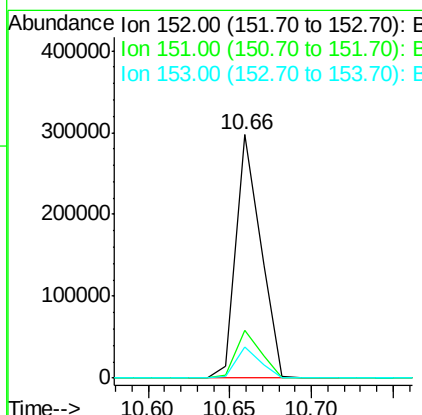
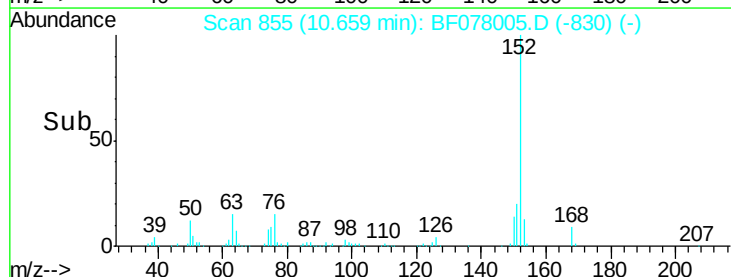
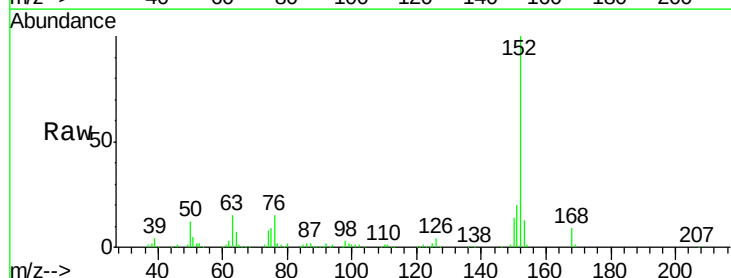
Instrument :
 BNA_F
 ClientSampleId :
 PB82321BS

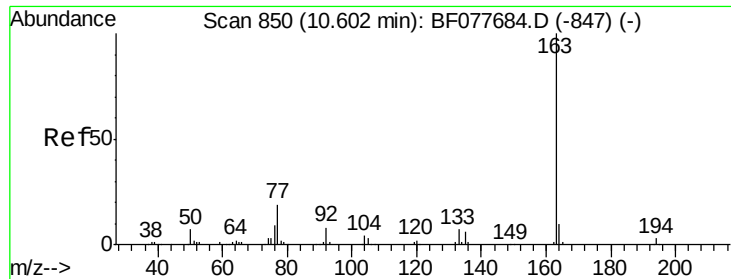
Tgt Ion: 65 Resp: 53964
 Ion Ratio Lower Upper
 65 100
 92 75.7 59.1 88.7
 138 131.3 93.9 140.9



#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

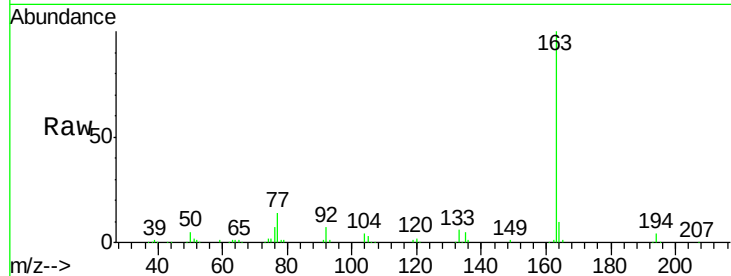
Tgt Ion:163 Resp: 226604

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

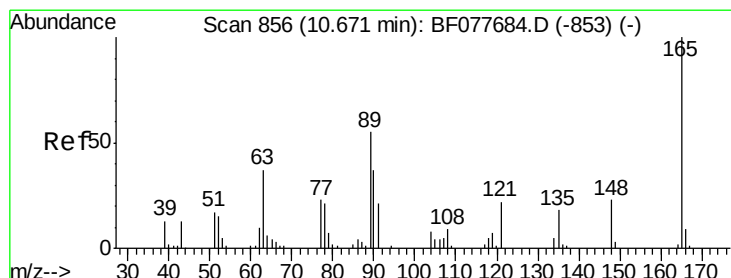
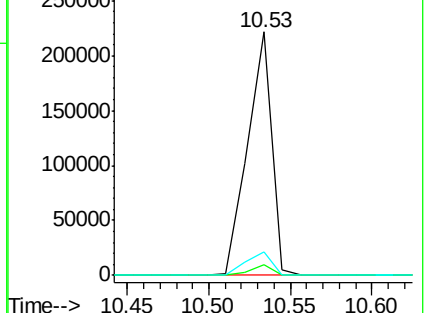
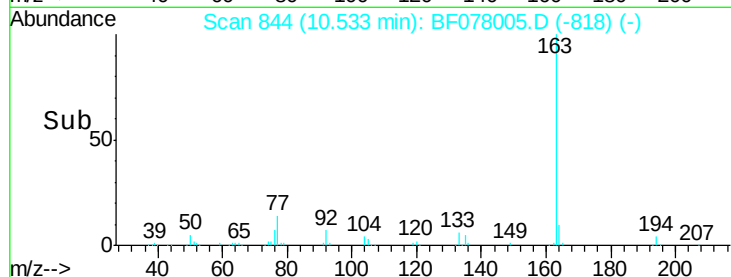
164 9.7 8.2 12.2



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

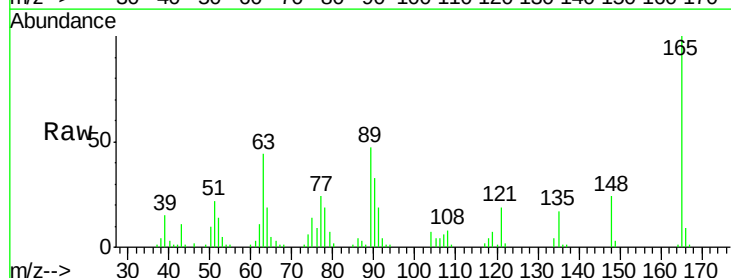
Tgt Ion:165 Resp: 51425

Ion Ratio Lower Upper

165 100

63 43.7 44.1 66.1#

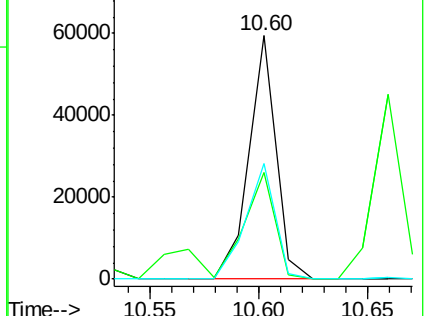
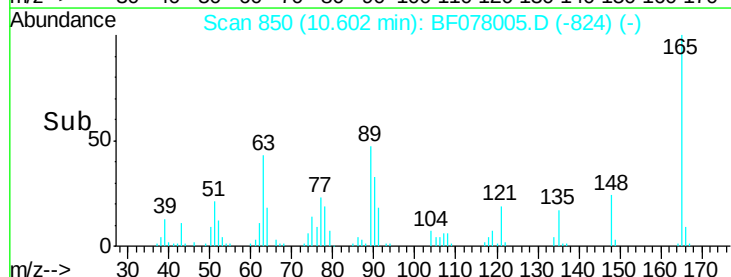
89 47.5 44.3 66.5

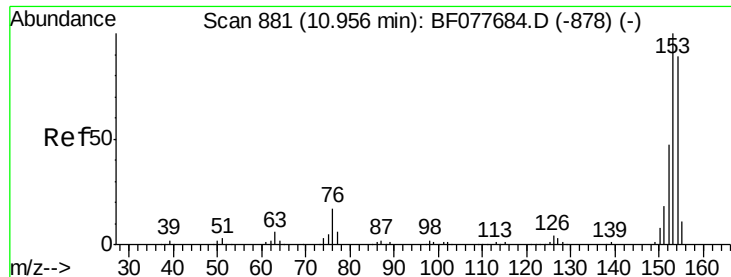


Abundance Ion 165.00 (164.70 to 165.70): E

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

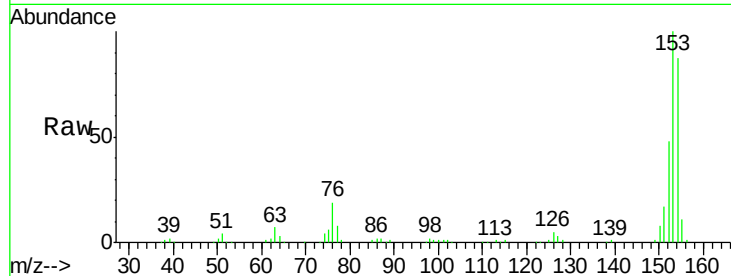
Tgt Ion:154 Resp: 177347

Ion Ratio Lower Upper

154 100

153 114.9 90.0 135.0

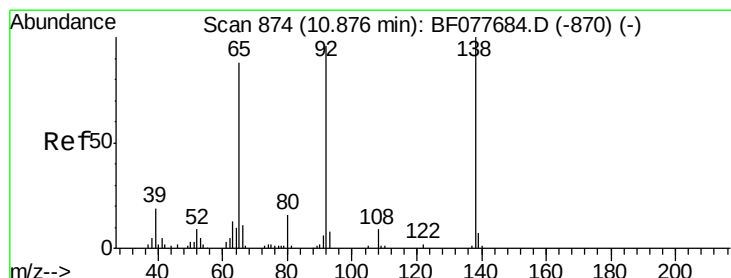
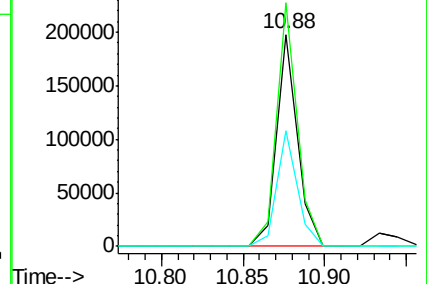
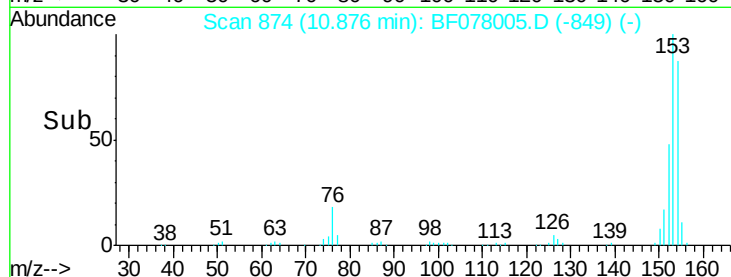
152 54.7 42.6 63.8



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

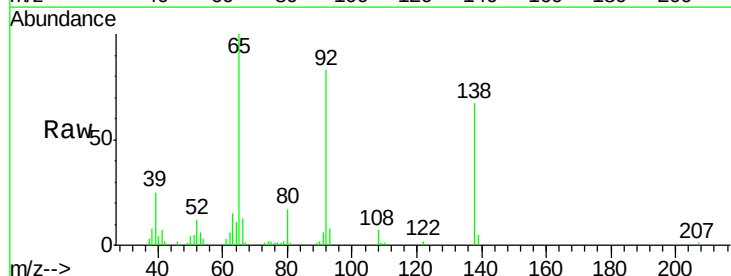
Tgt Ion:138 Resp: 41245

Ion Ratio Lower Upper

138 100

108 10.3 7.3 10.9

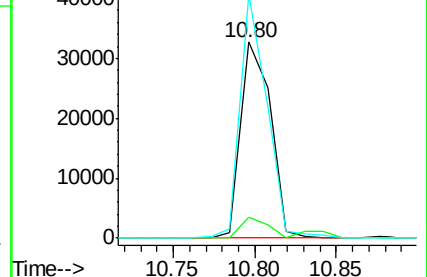
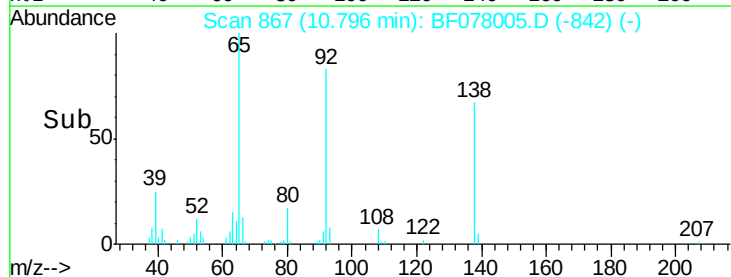
92 124.2 76.6 114.8#

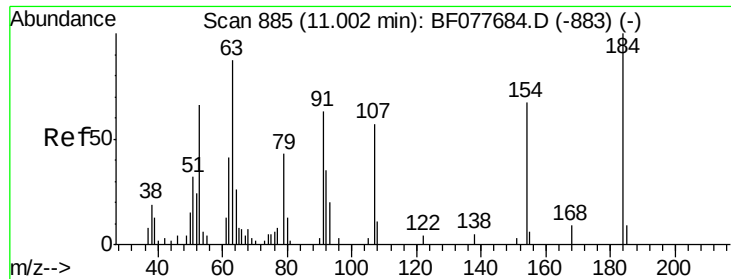


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

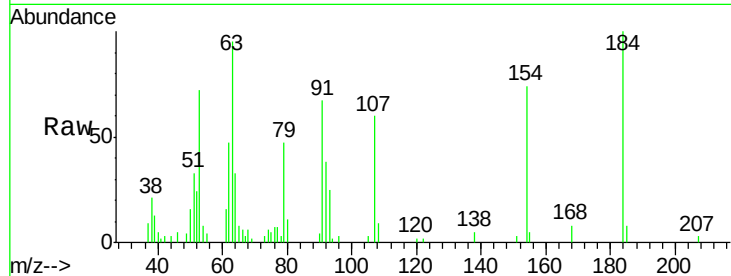




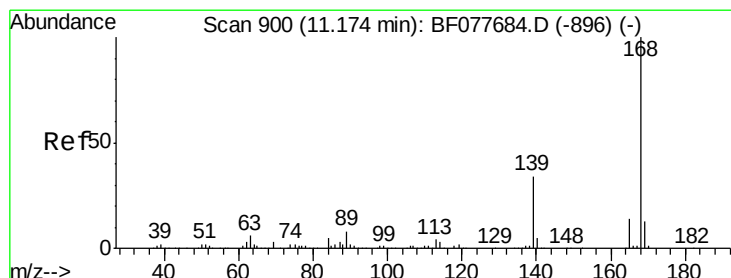
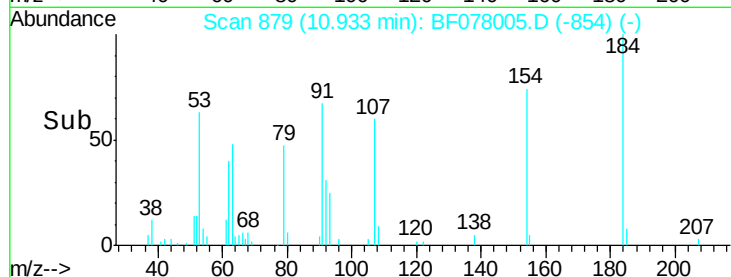
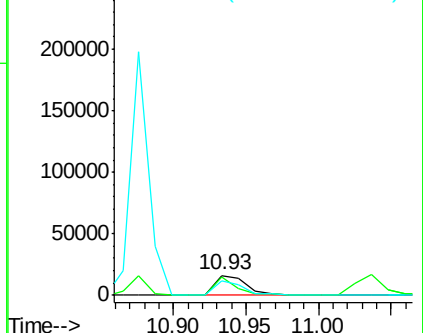
#53
 2,4-Dinitrophenol
 Concen: 54.56 ng
 RT: 10.93 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF078005.D
 Acq: 26 Mar 2015 19:56

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

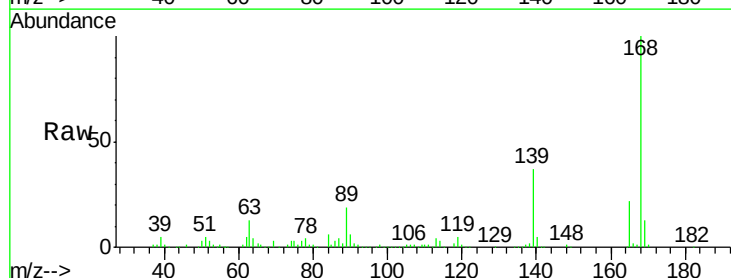


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

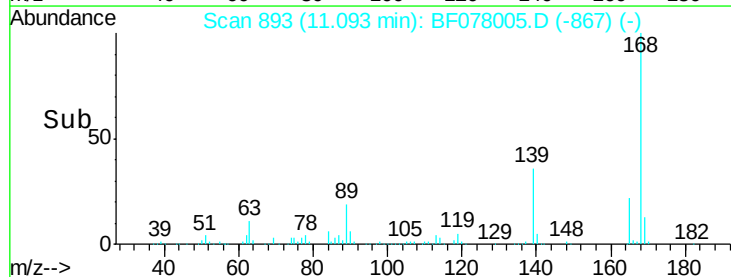
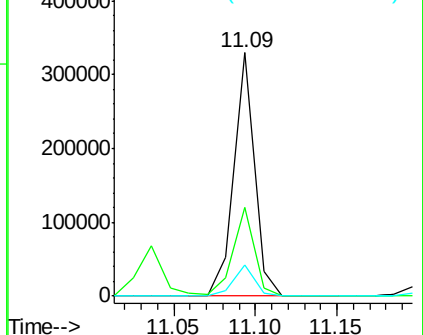


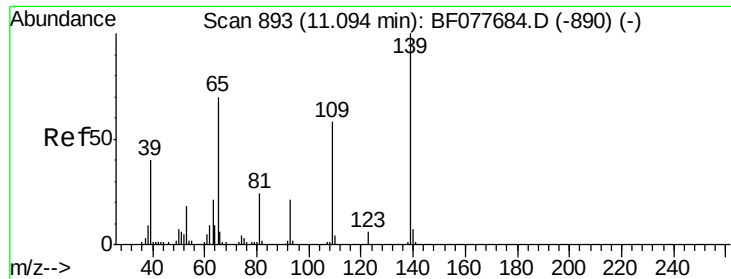
#54
 Dibenzofuran
 Concen: 36.17 ng
 RT: 11.09 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: BF078005.D
 Acq: 26 Mar 2015 19:56

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

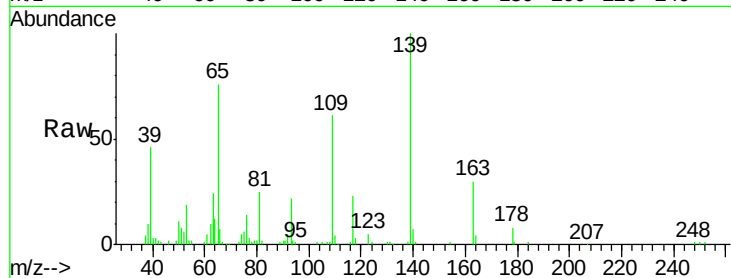




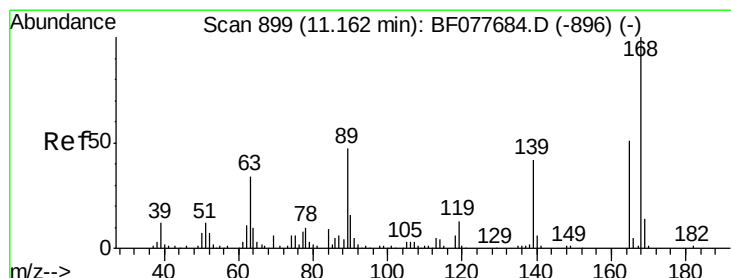
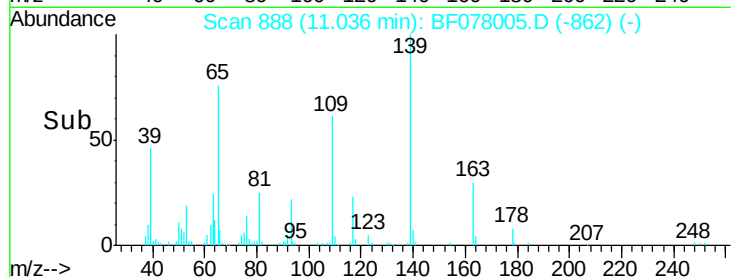
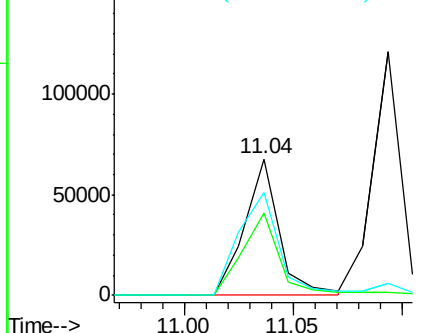
#55
4-Nitrophenol
Concen: 66.20 ng
RT: 11.04 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

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



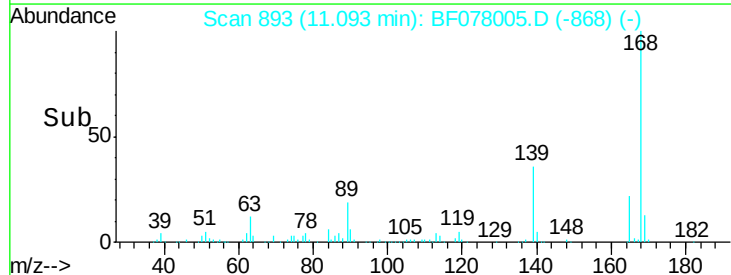
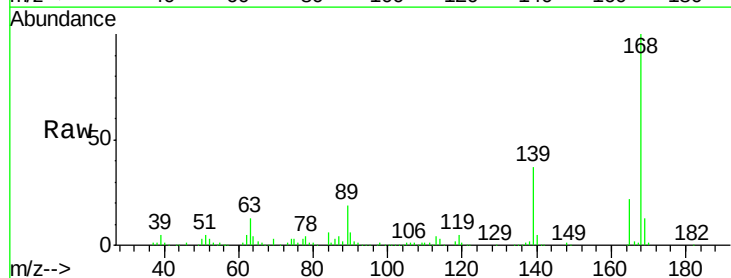
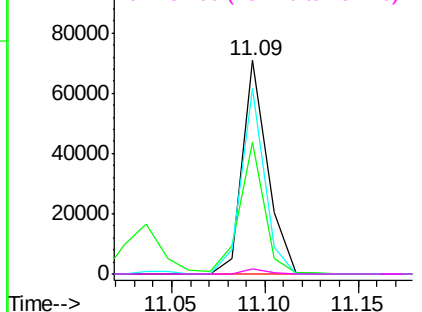
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

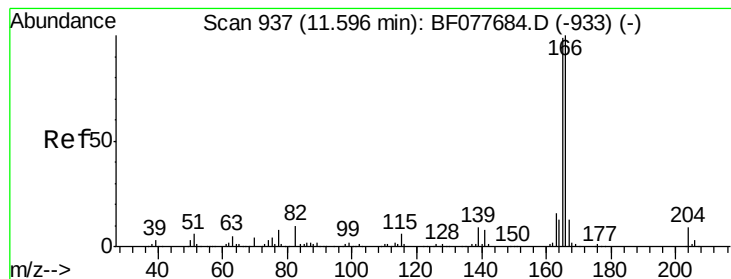


#56
2,4-Dinitrotoluene
Concen: 38.42 ng
RT: 11.09 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

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): BF0
Ion 89.00 (88.70 to 89.70): BF0
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

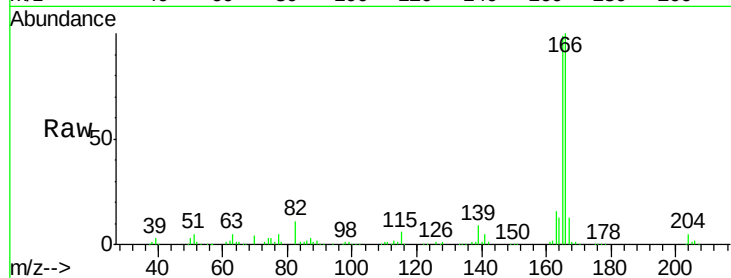
Tgt Ion:166 Resp: 233193

Ion Ratio Lower Upper

166 100

165 98.8 79.0 118.4

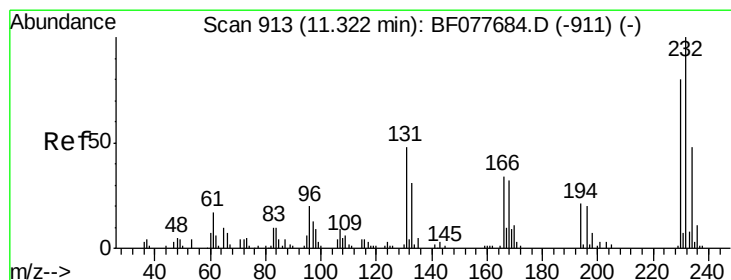
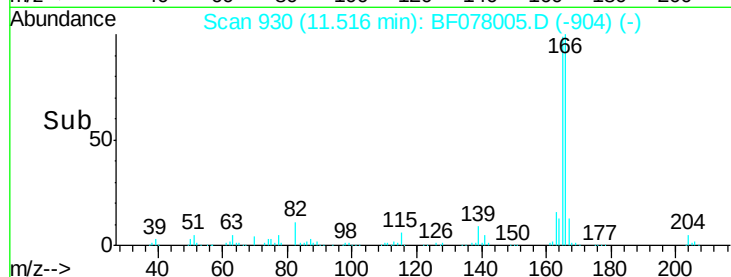
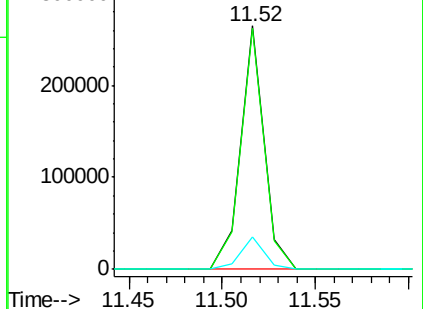
167 13.3 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 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

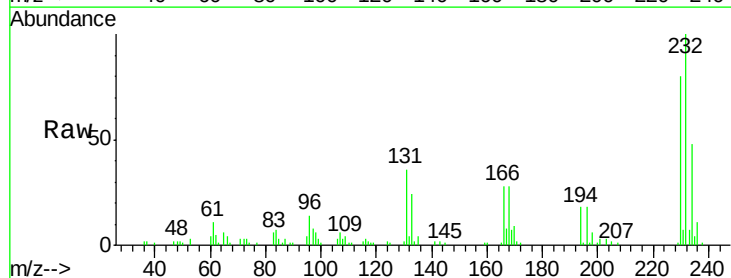
Ion Ratio Lower Upper

232 100

131 44.0 0.0 0.0#

130 2.0 0.0 0.0#

166 31.3 0.0 0.0#

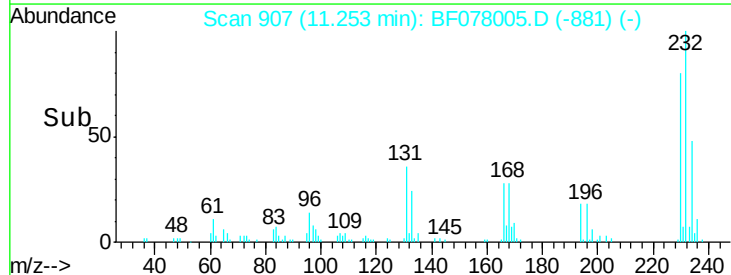
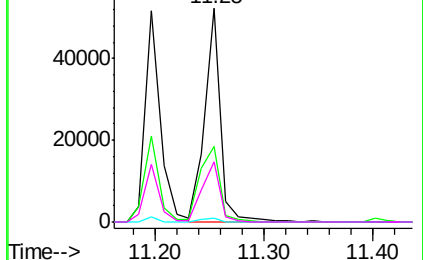


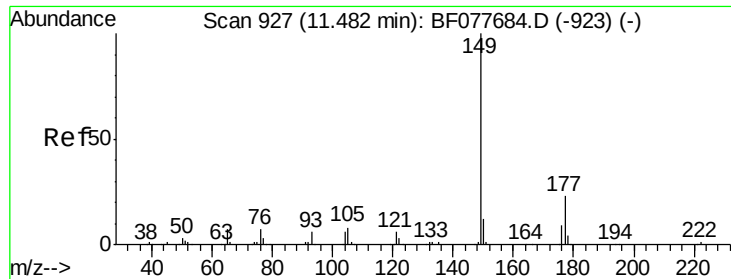
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

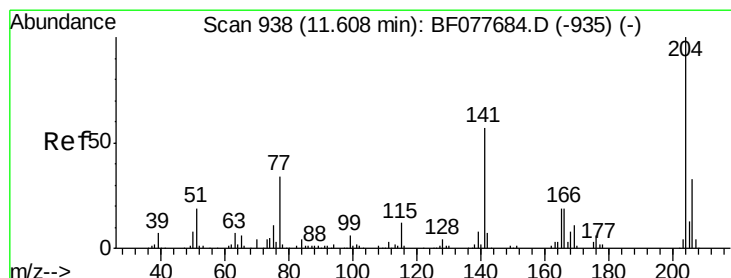
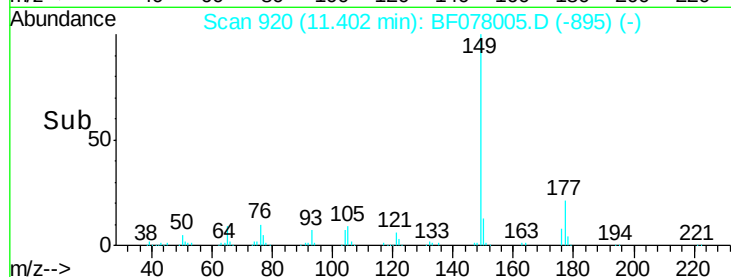
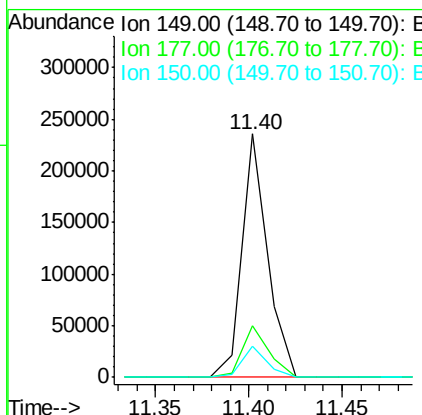
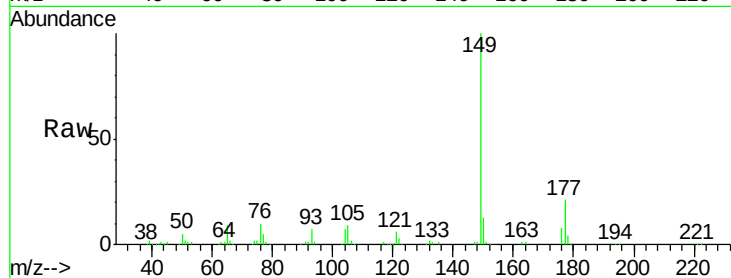




#59
Diethylphthalate
Concen: 35.89 ng
RT: 11.40 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

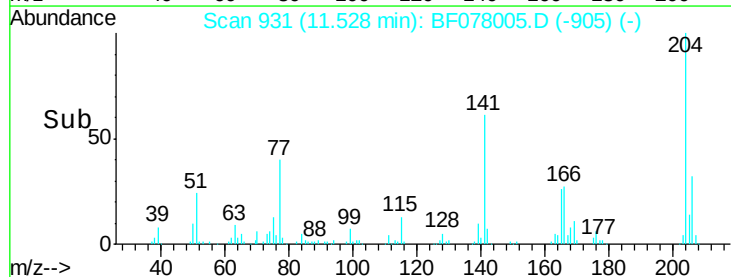
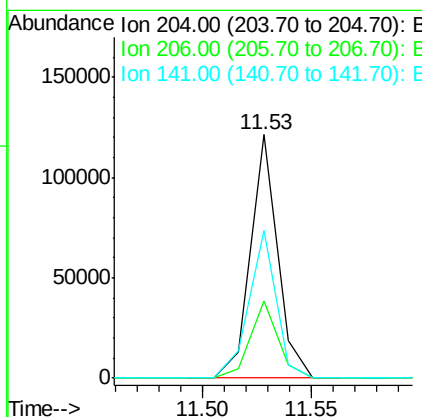
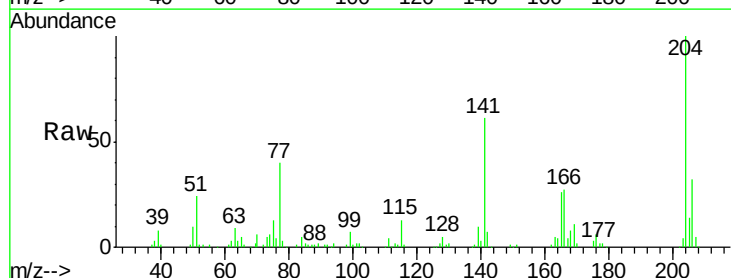
Instrument :
BNA_F
ClientSampleId :
PB82321BS

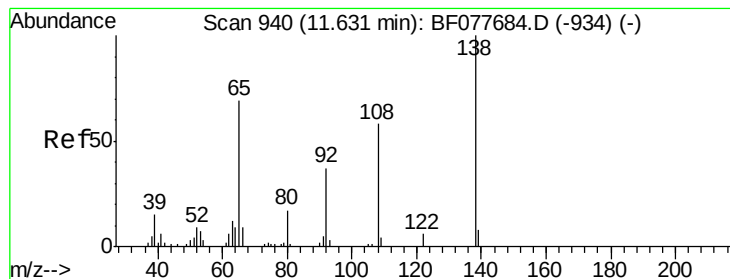
Tgt Ion:149 Resp: 223699
Ion Ratio Lower Upper
149 100
177 21.2 18.3 27.5
150 12.7 9.8 14.8



#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





#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

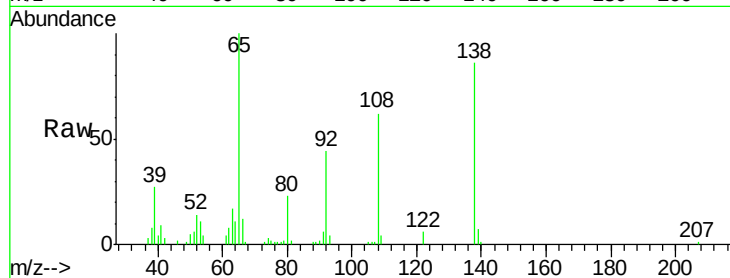
Tgt Ion:138 Resp: 54457

Ion Ratio Lower Upper

138 100

92 51.6 16.7 56.7

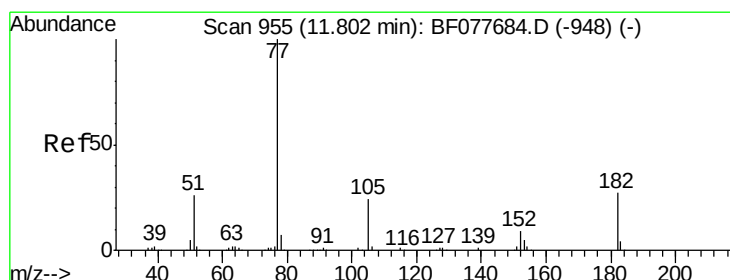
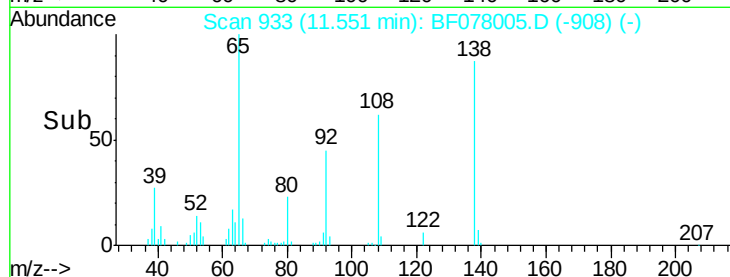
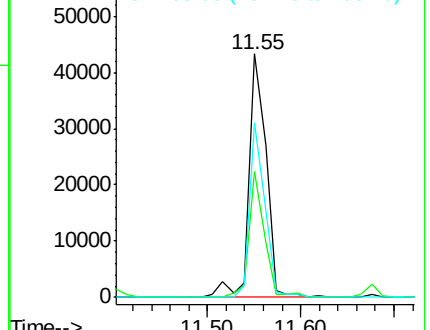
108 71.9 37.6 77.6



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

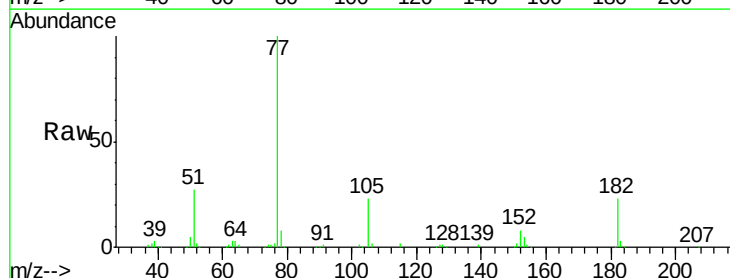
Ion Ratio Lower Upper

77 100

182 23.3 6.5 46.5

105 22.6 3.8 43.8

51 27.0 5.5 45.5

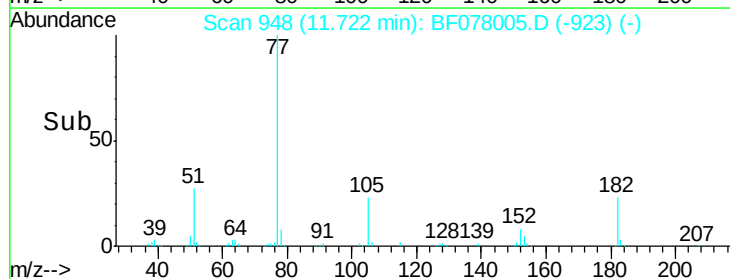
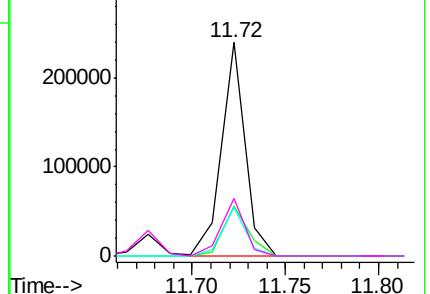


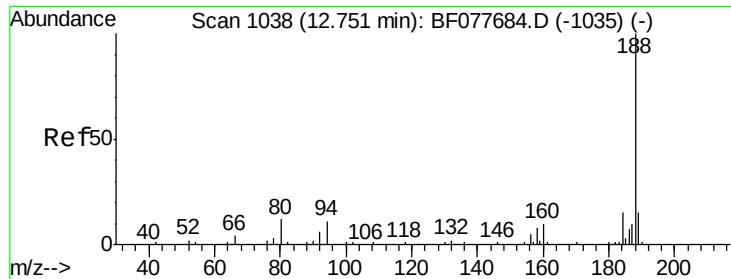
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

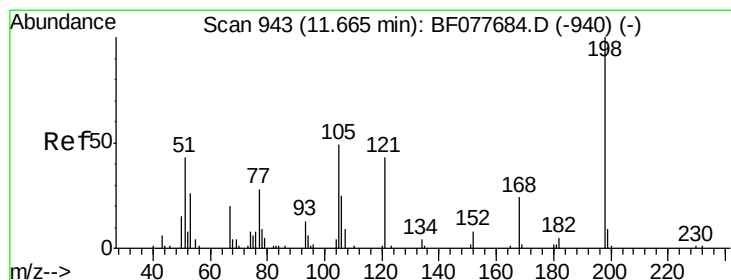
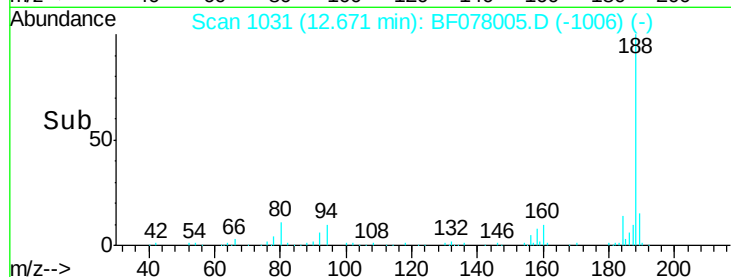
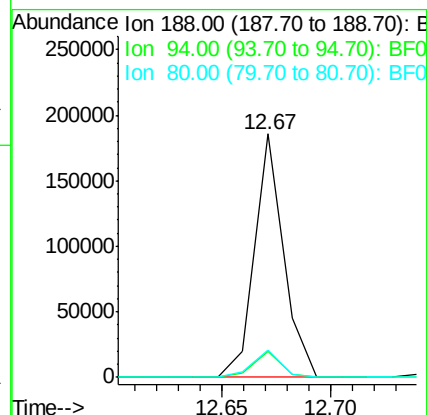
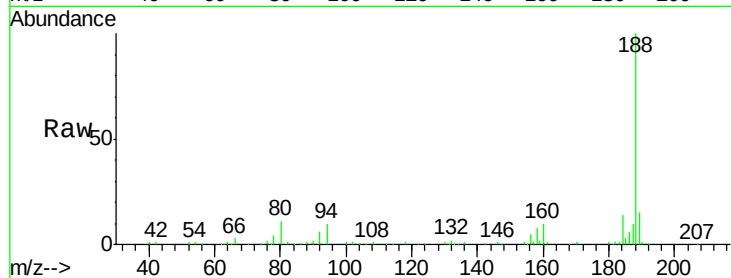




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.67 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

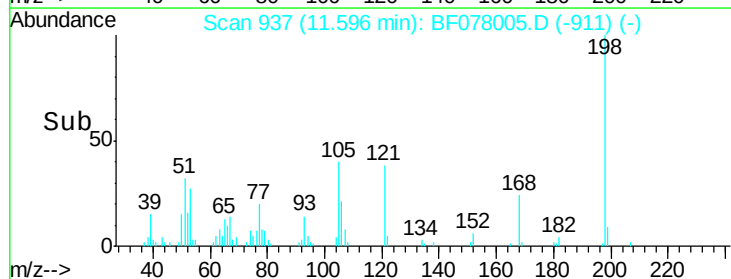
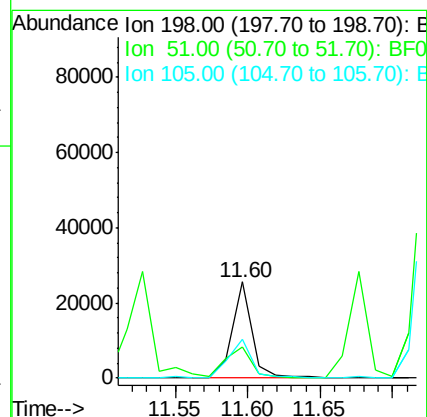
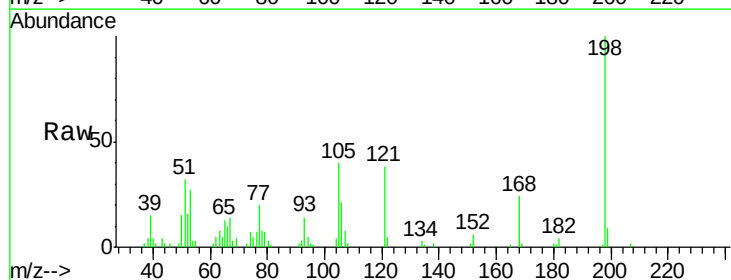
Instrument :
BNA_F
ClientSampleId :
PB82321BS

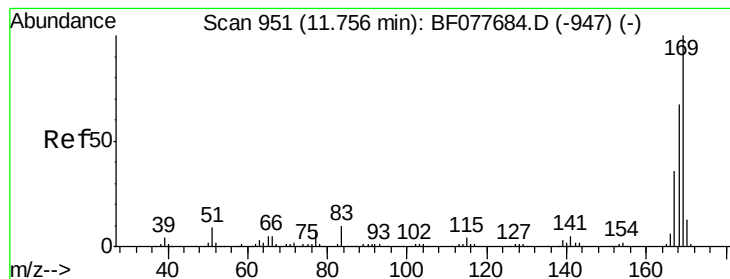
Tgt Ion:188 Resp: 172547
Ion Ratio Lower Upper
188 100
94 10.5 8.7 13.1
80 11.3 9.3 13.9



#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





#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

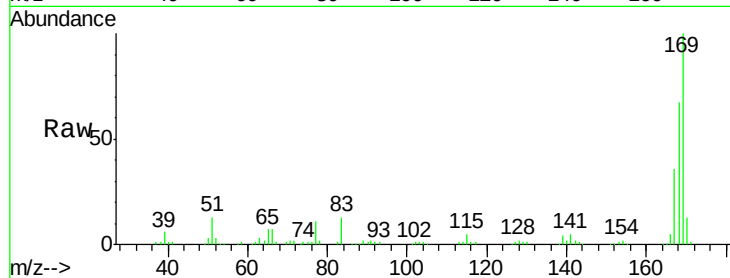
Tgt Ion:169 Resp: 195875

Ion Ratio Lower Upper

169 100

168 66.7 53.9 80.9

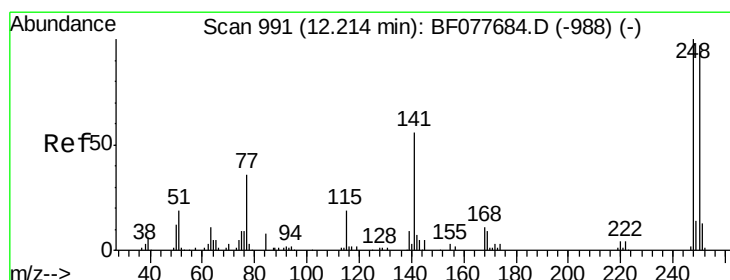
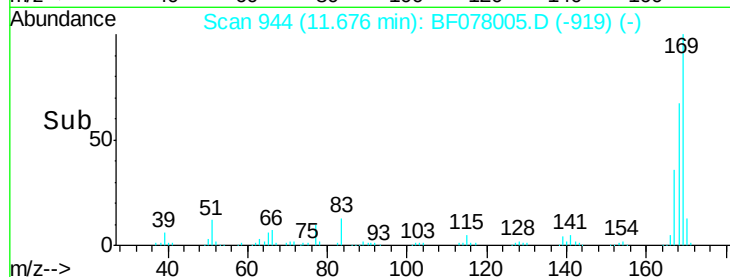
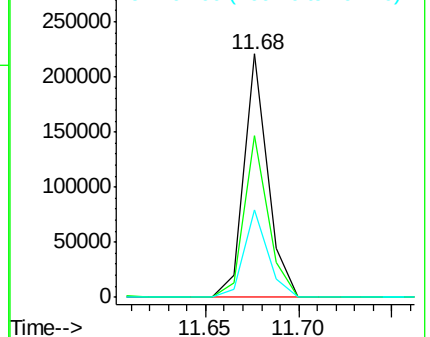
167 35.9 28.9 43.3



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

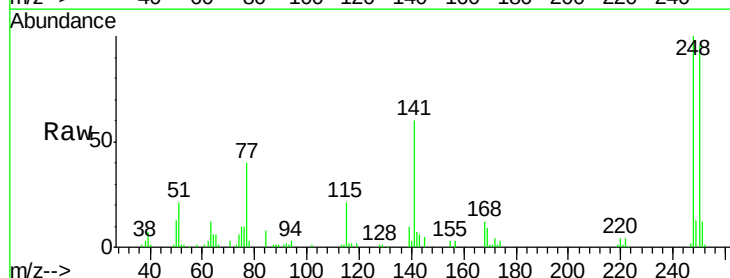
Tgt Ion:248 Resp: 66057

Ion Ratio Lower Upper

248 100

250 96.0 77.4 116.0

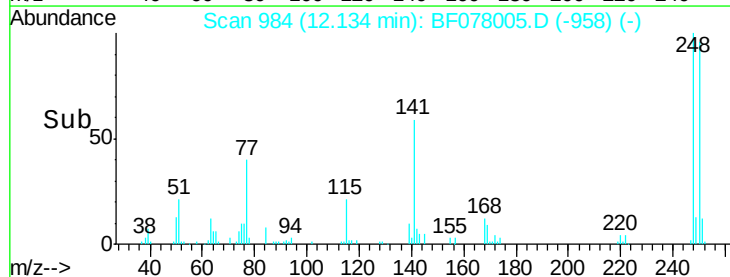
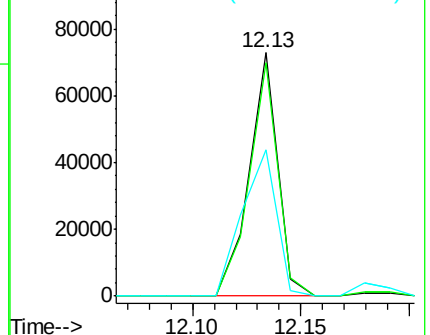
141 60.2 45.2 67.8

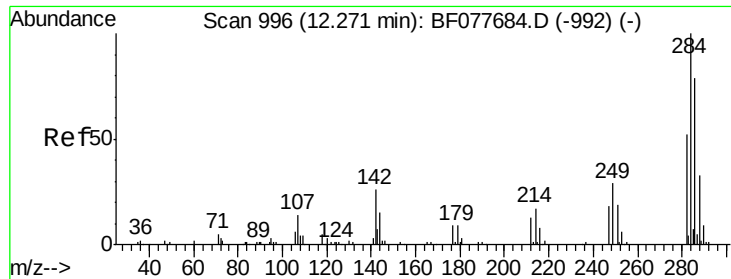


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

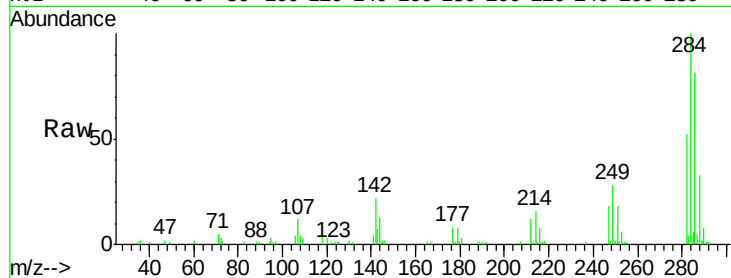




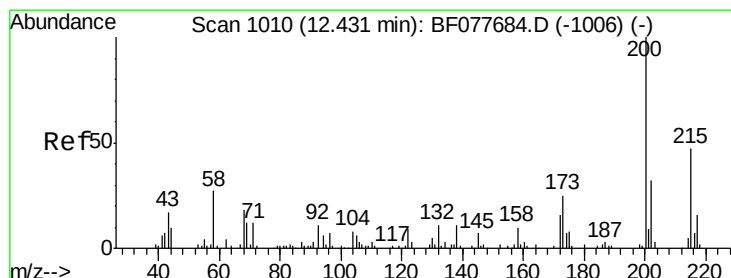
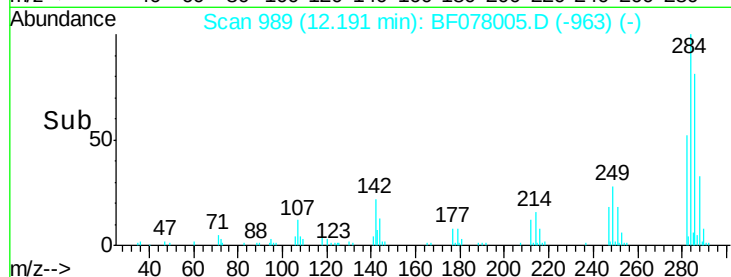
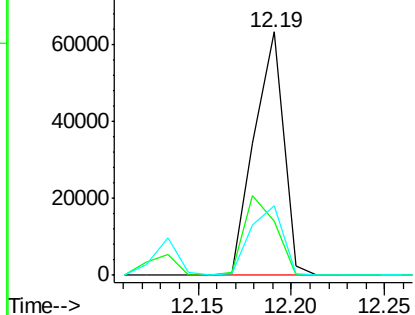
#67
Hexachlorobenzene
Concen: 34.09 ng
RT: 12.19 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

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

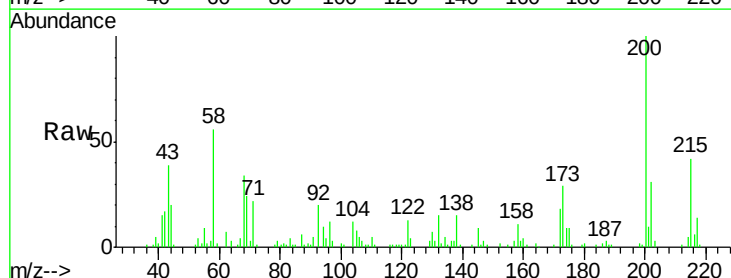


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

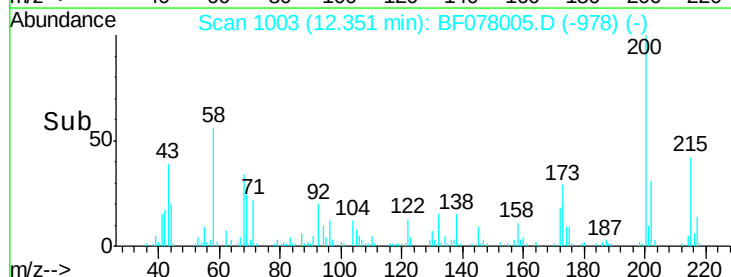
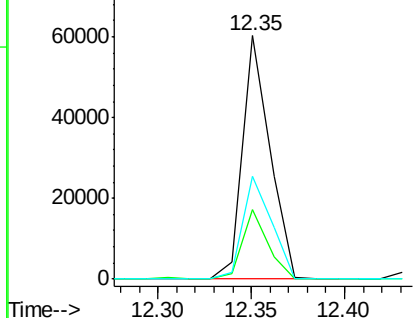


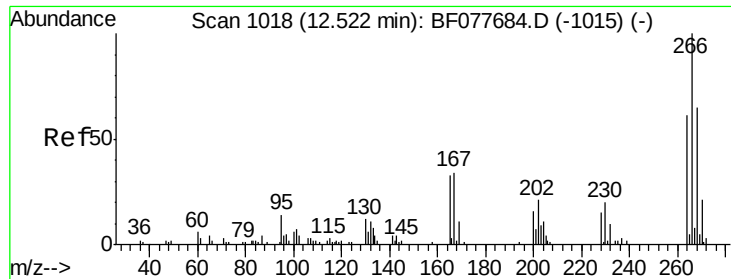
#68
Atrazine
Concen: 38.47 ng
RT: 12.35 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

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

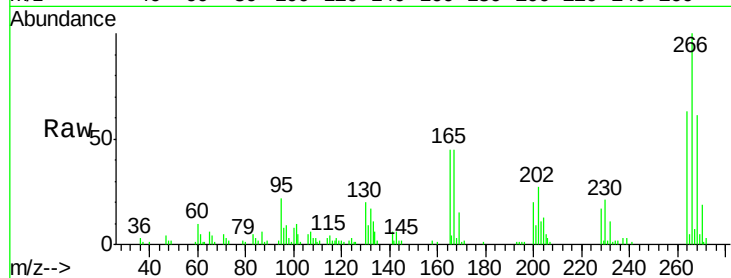




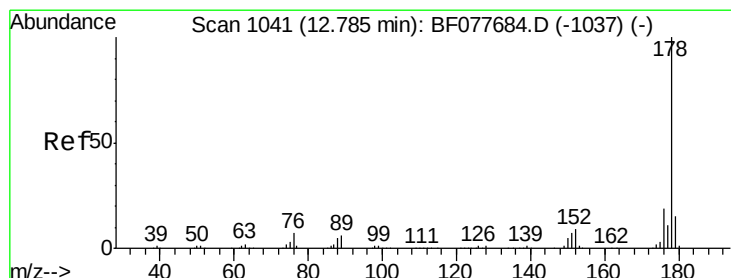
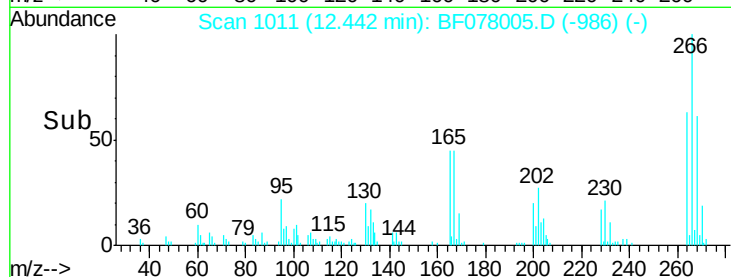
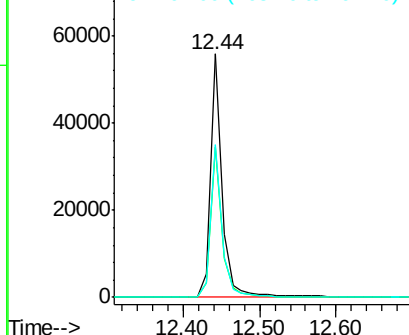
#69
 Pentachlorophenol
 Concen: 55.56 ng
 RT: 12.44 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BF078005.D
 Acq: 26 Mar 2015 19:56

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

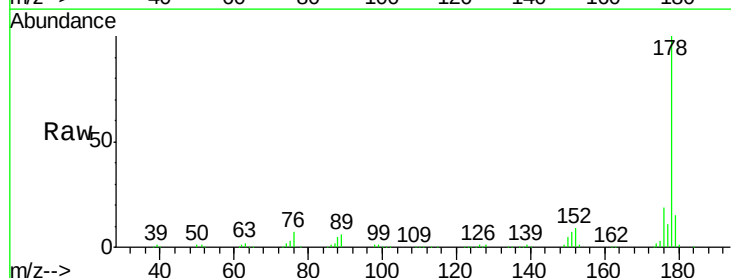


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

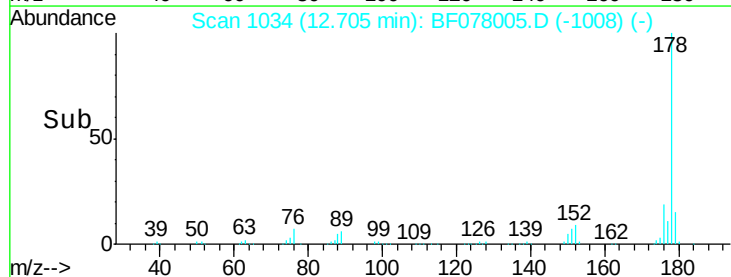
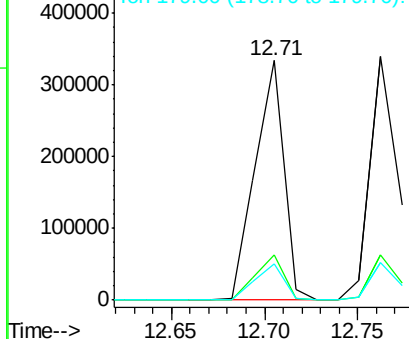


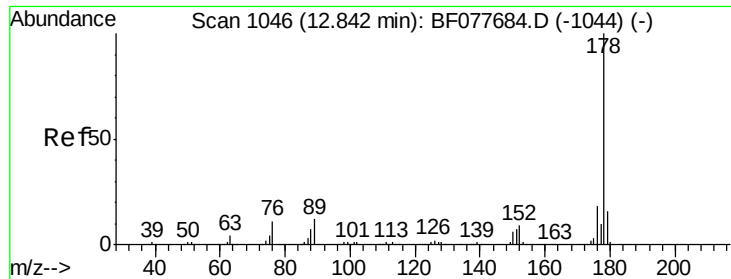
#70
 Phenanthrene
 Concen: 35.90 ng
 RT: 12.71 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF078005.D
 Acq: 26 Mar 2015 19:56

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

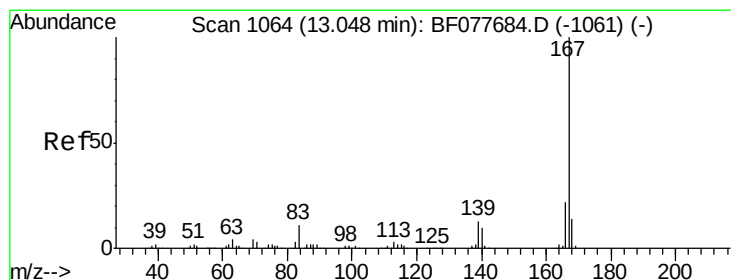
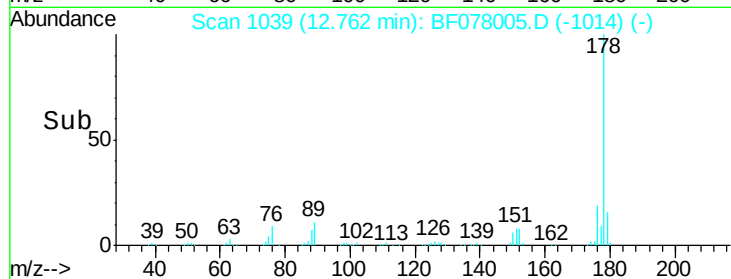
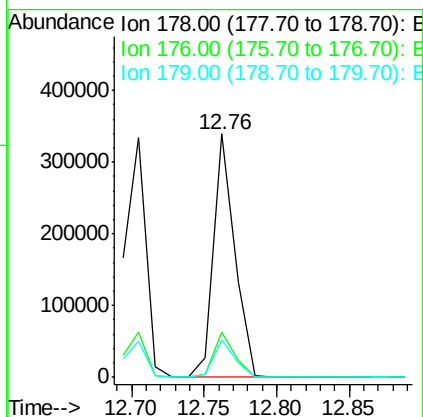
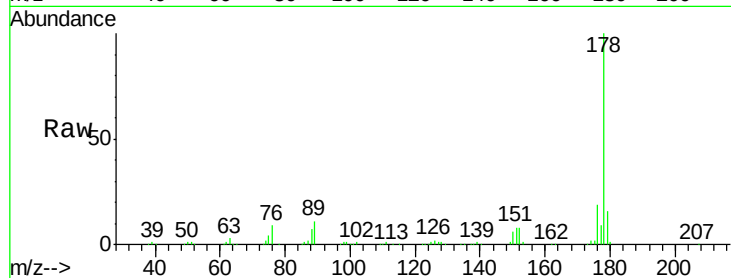




#71
 Anthracene
 Concen: 35.37 ng
 RT: 12.76 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF078005.D
 Acq: 26 Mar 2015 19:56

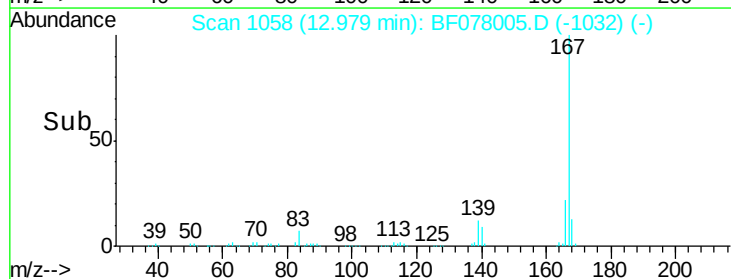
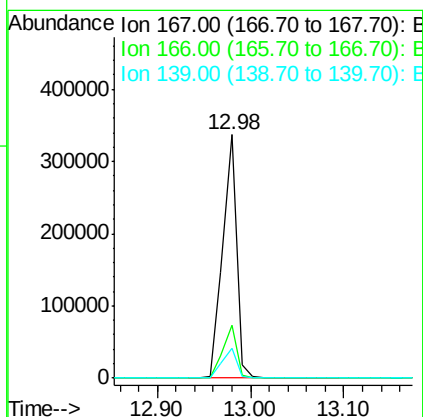
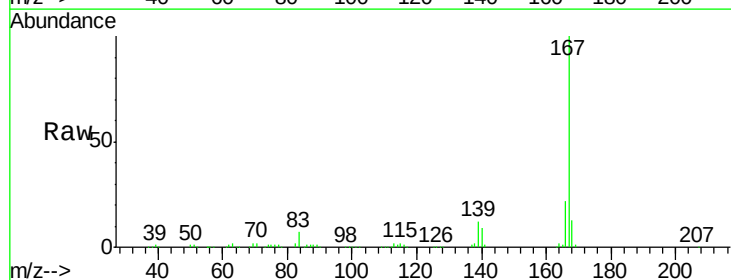
Instrument :
 BNA_F
 ClientSampleId :
 PB82321BS

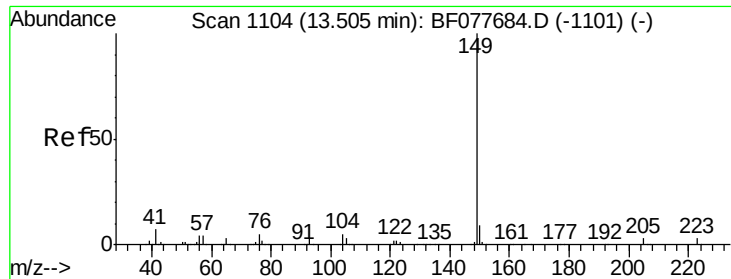
Tgt Ion:178 Resp: 346151
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.6 22.0
 179 15.5 12.6 19.0



#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

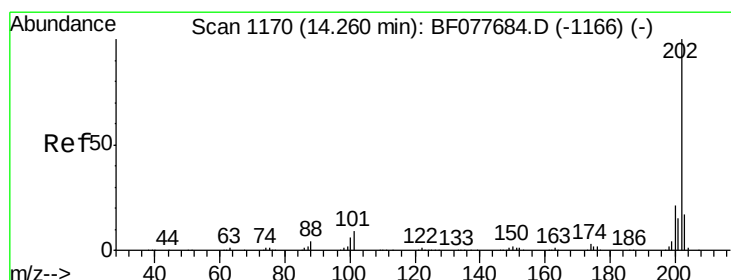
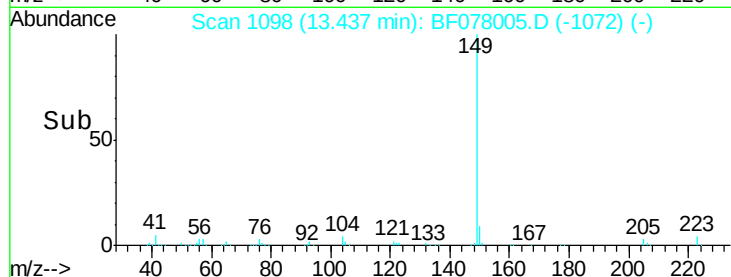
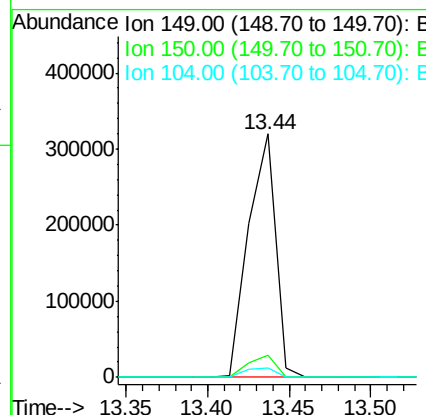
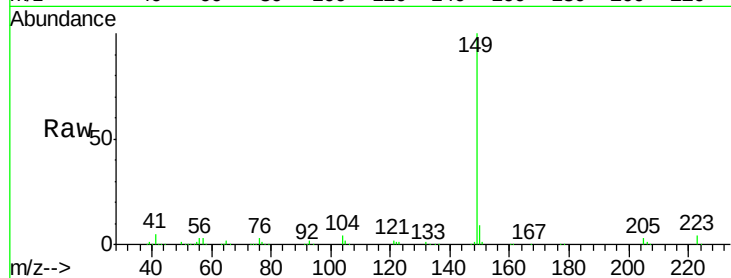




#73
Di-n-butylphthalate
Concen: 35.27 ng
RT: 13.44 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

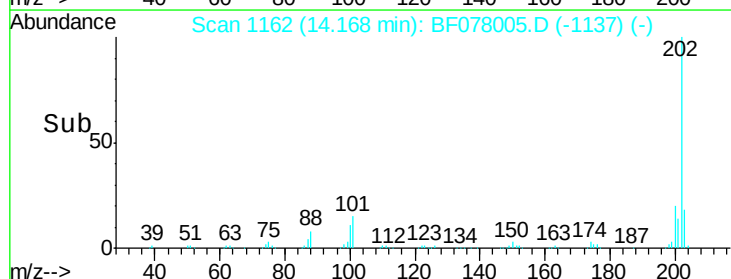
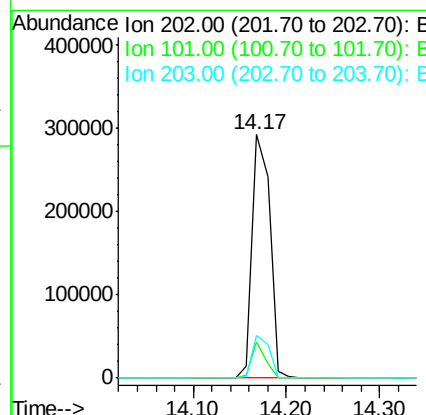
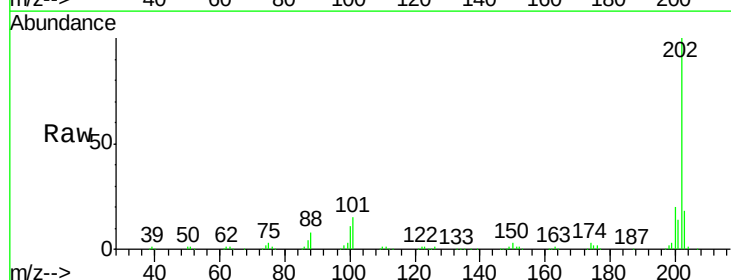
Instrument :
BNA_F
ClientSampleId :
PB82321BS

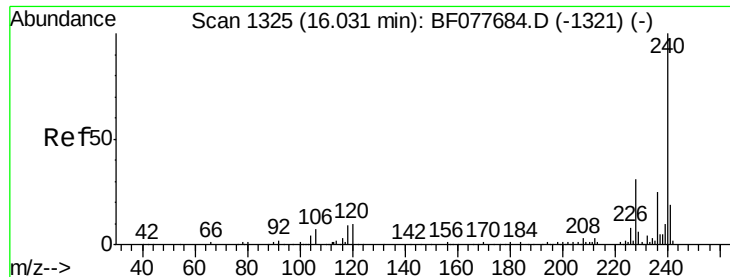
Tgt Ion:149 Resp: 368120
Ion Ratio Lower Upper
149 100
150 9.0 7.5 11.3
104 4.1 3.7 5.5



#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

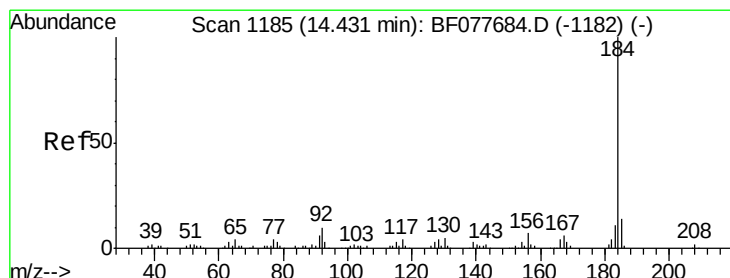
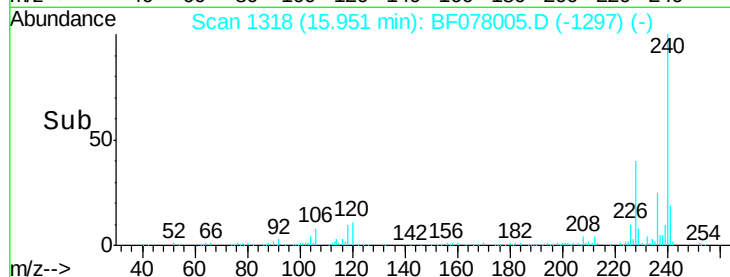
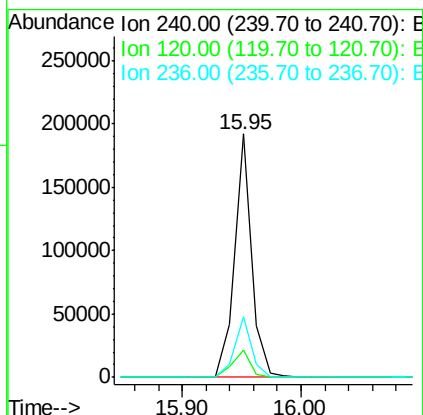
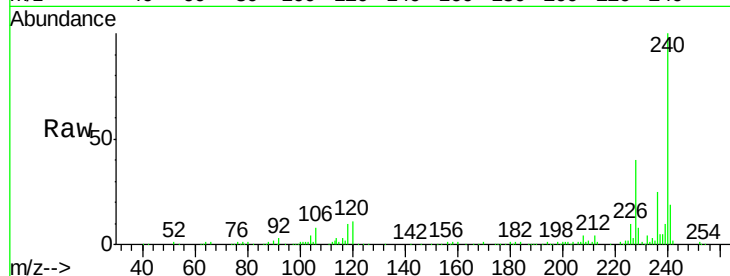




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.95 min Scan# 1318
Delta R.T. -0.06 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

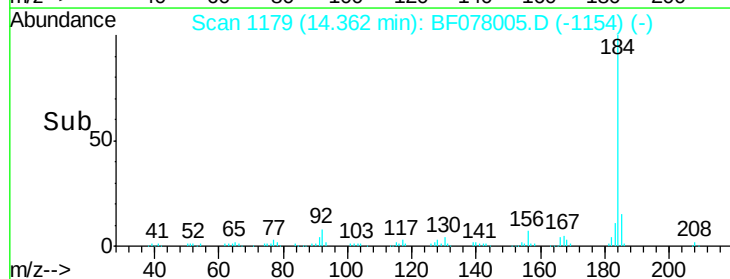
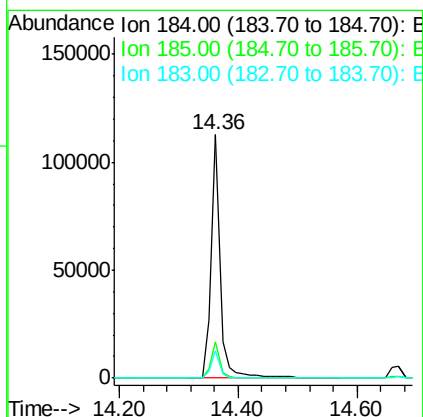
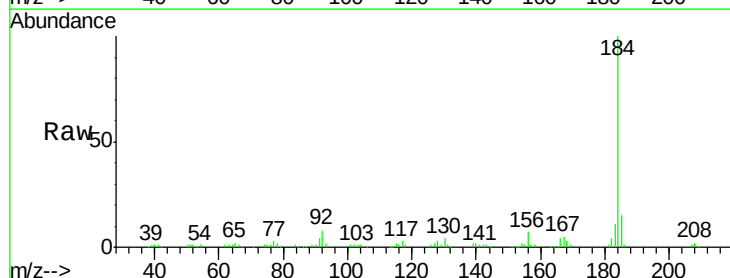
Instrument :
BNA_F
ClientSampleId :
PB82321BS

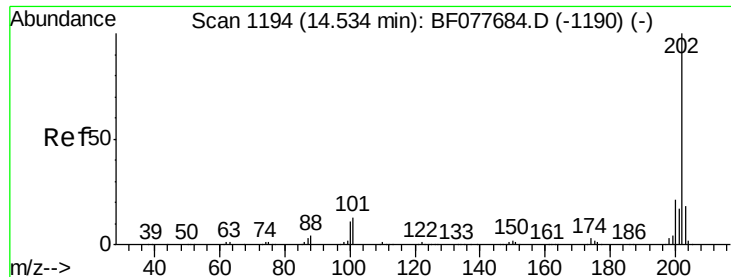
Tgt Ion:240 Resp: 192506
Ion Ratio Lower Upper
240 100
120 11.1 8.2 12.2
236 25.1 20.0 30.0



#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

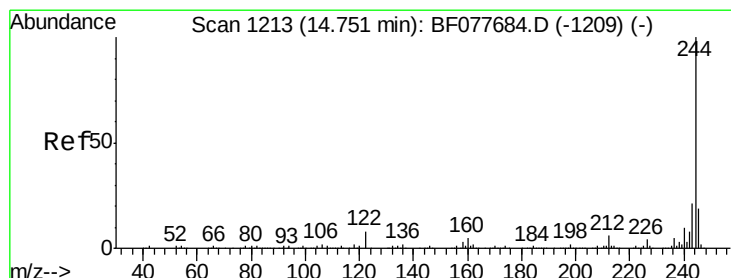
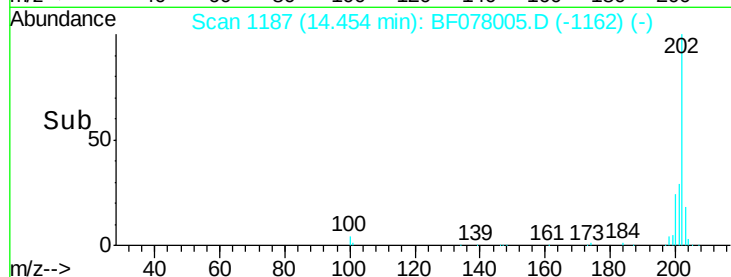
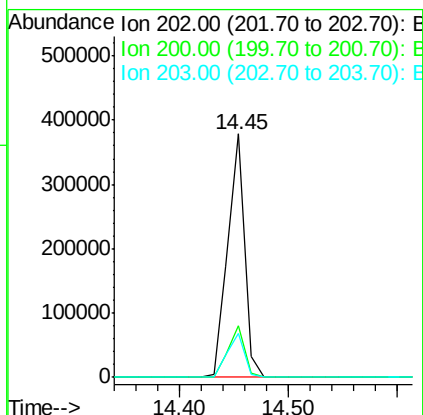
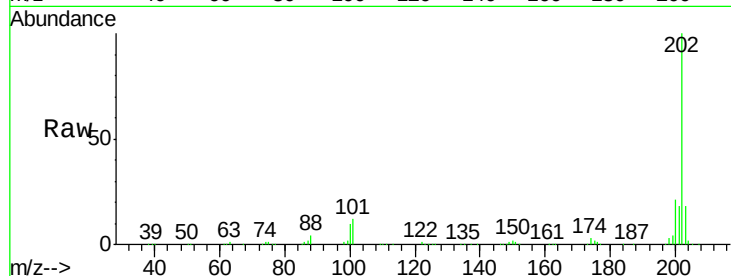




#77
 Pyrene
 Concen: 33.46 ng
 RT: 14.45 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF078005.D
 Acq: 26 Mar 2015 19:56

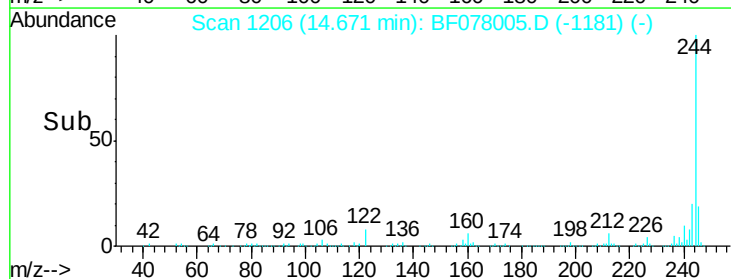
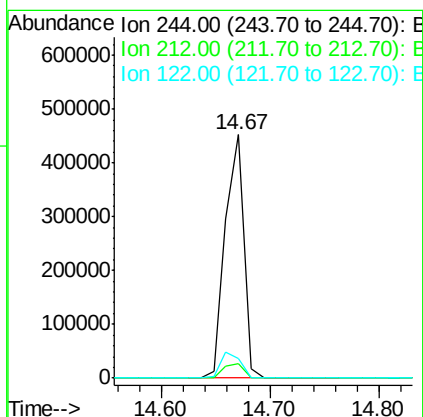
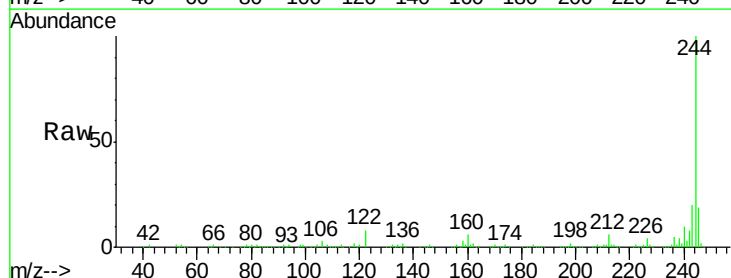
Instrument :
 BNA_F
 ClientSampleId :
 PB82321BS

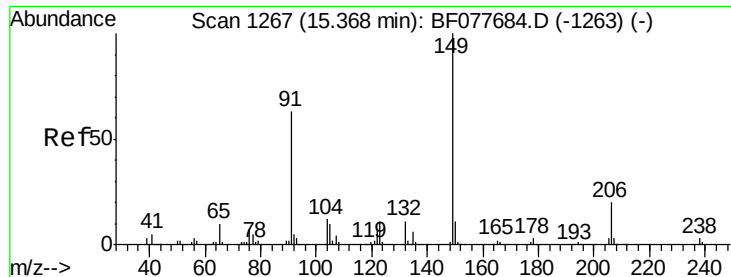
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	17.8	14.1	21.1



#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

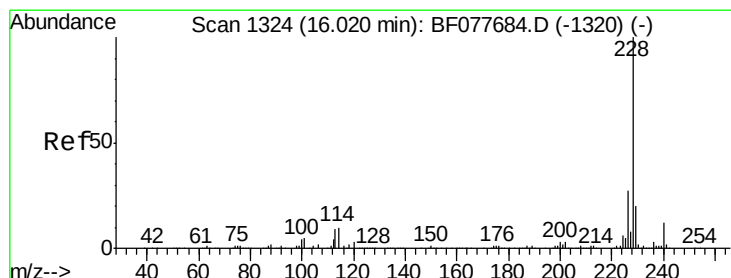
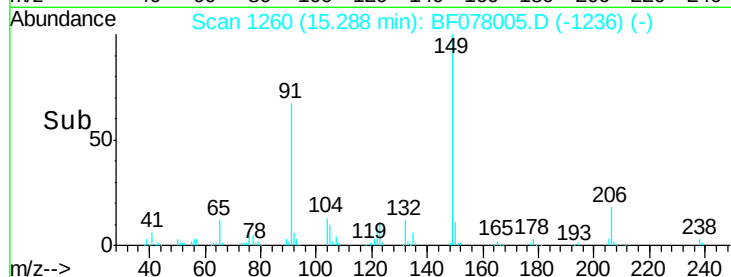
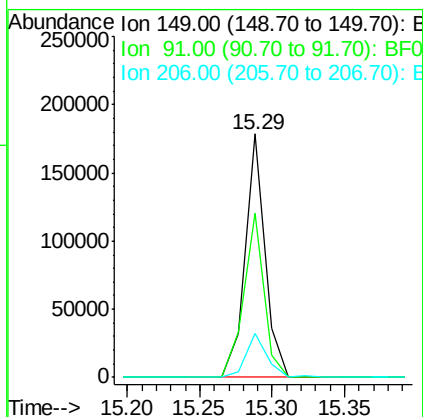
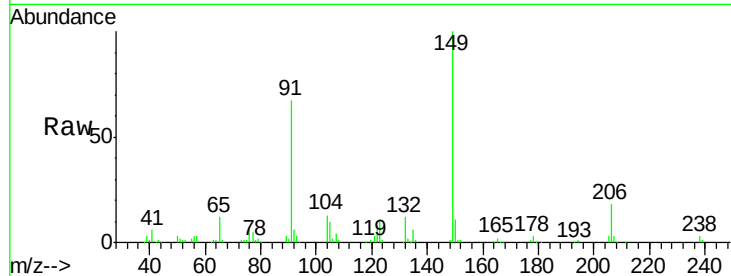




#79
Butylbenzylphthalate
Concen: 35.67 ng
RT: 15.29 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

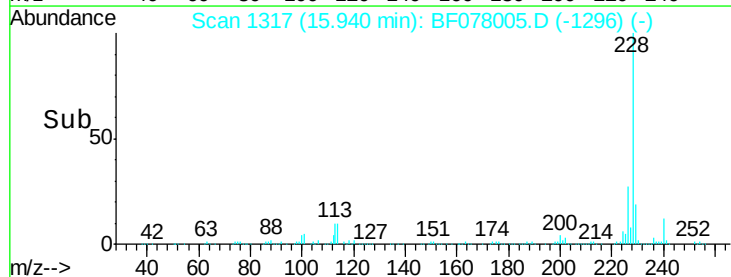
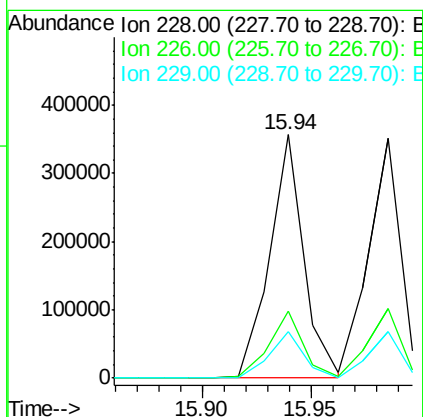
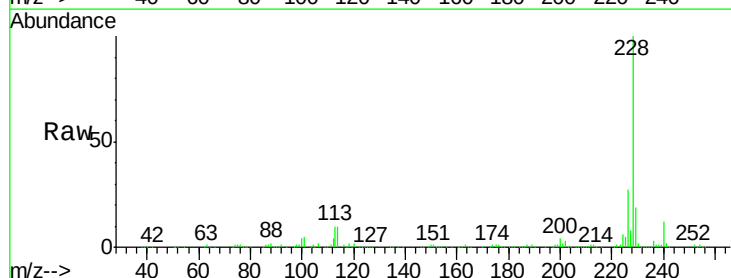
Instrument :
BNA_F
ClientSampleId :
PB82321BS

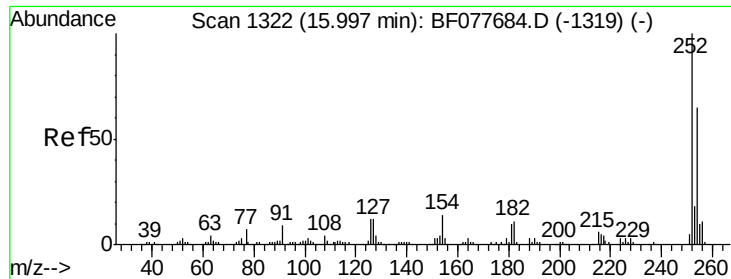
Tgt Ion:149 Resp: 170234
Ion Ratio Lower Upper
149 100
91 67.3 50.1 75.1
206 18.0 16.2 24.2



#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

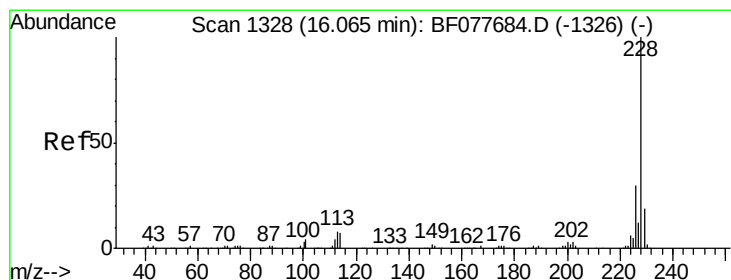
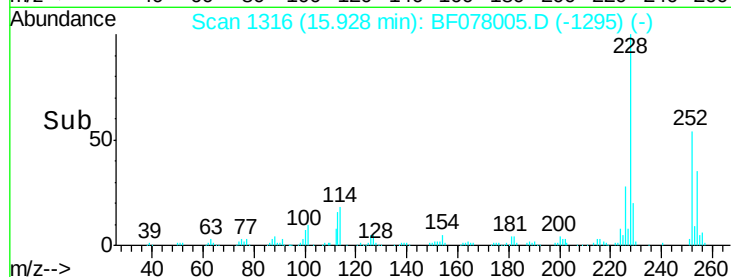
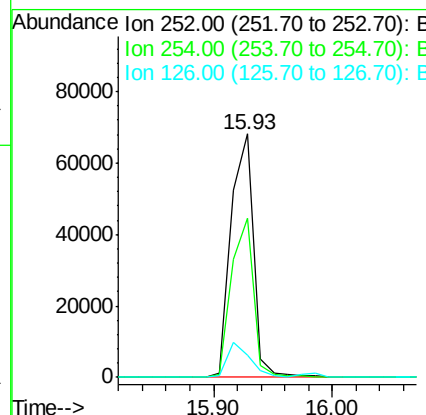
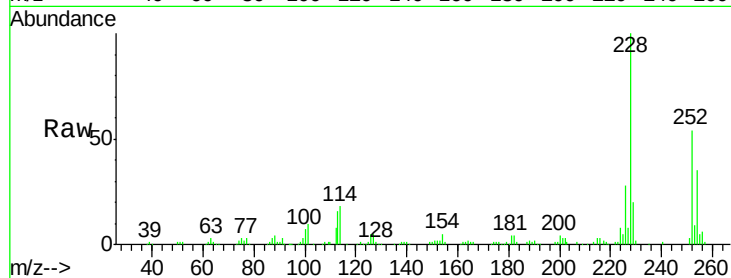




#81
 3,3'-Dichlorobenzidine
 Concen: 23.71 ng
 RT: 15.93 min Scan# 1316
 Delta R.T. -0.06 min
 Lab File: BF078005.D
 Acq: 26 Mar 2015 19:56

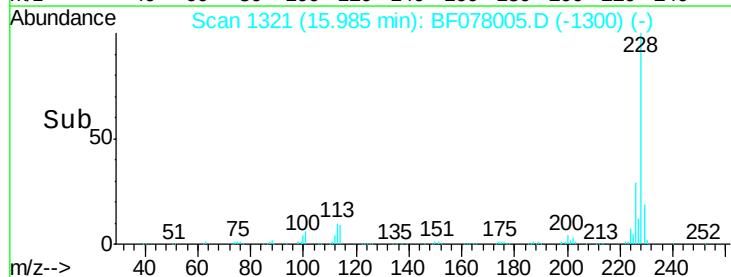
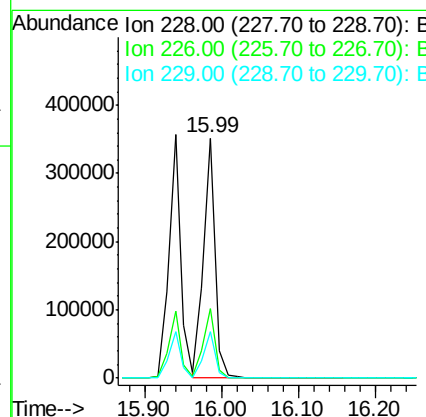
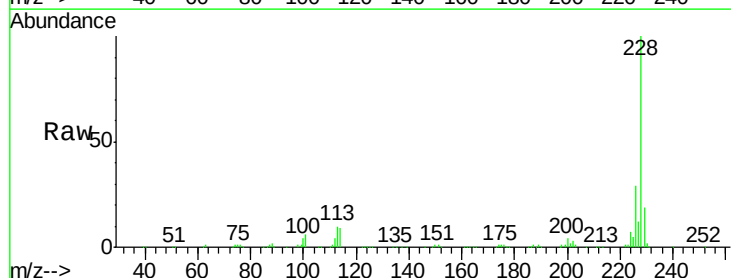
Instrument :
 BNA_F
 ClientSampleId :
 PB82321BS

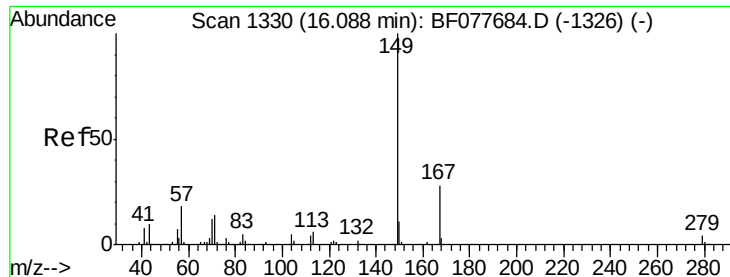
Tgt Ion: 252 Resp: 89243
 Ion Ratio Lower Upper
 252 100
 254 65.3 51.9 77.9
 126 9.2 9.8 14.8#



#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

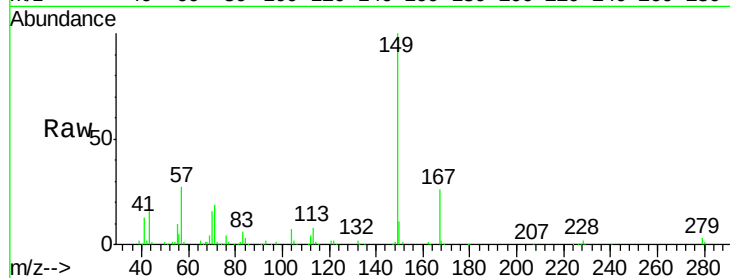
Tgt Ion:149 Resp: 243062

Ion Ratio Lower Upper

149 100

167 25.9 22.4 33.6

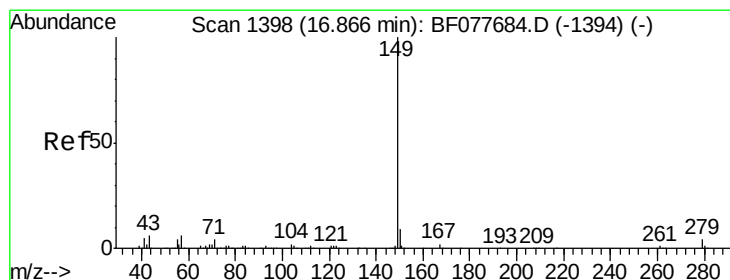
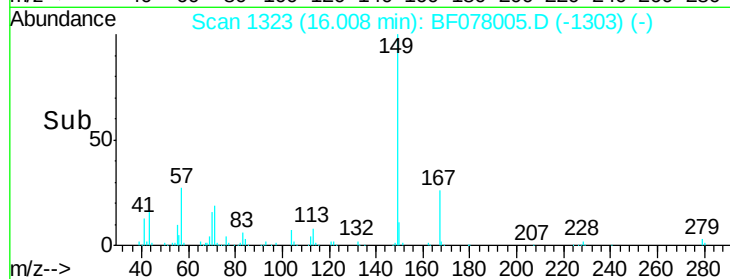
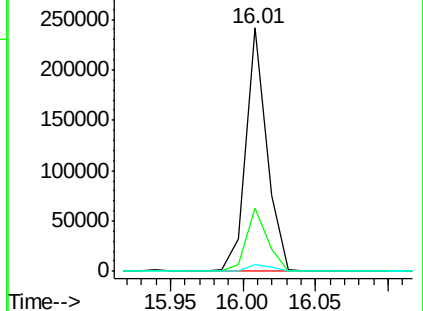
279 2.7 3.4 5.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 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

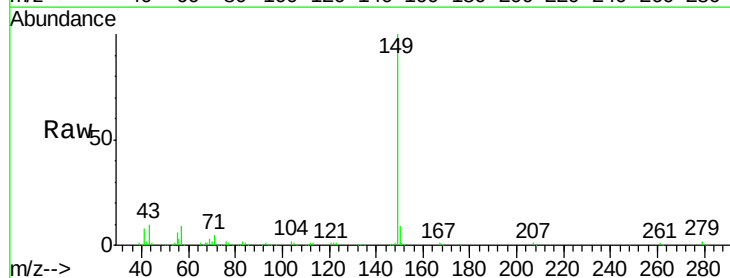
Tgt Ion:149 Resp: 418448

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

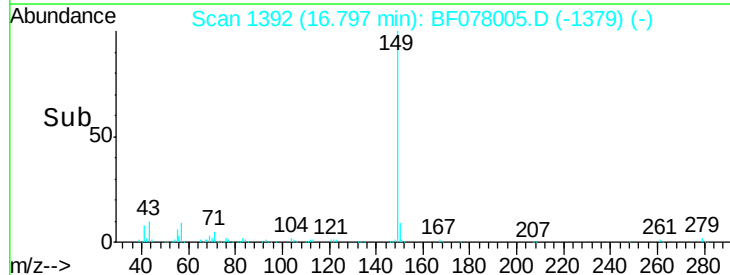
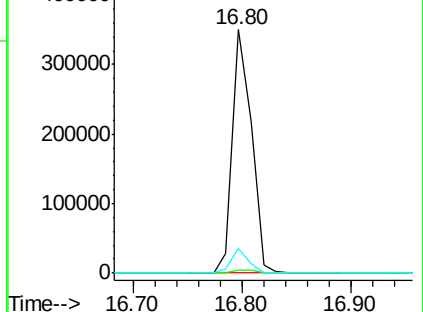
43 9.0 7.3 10.9

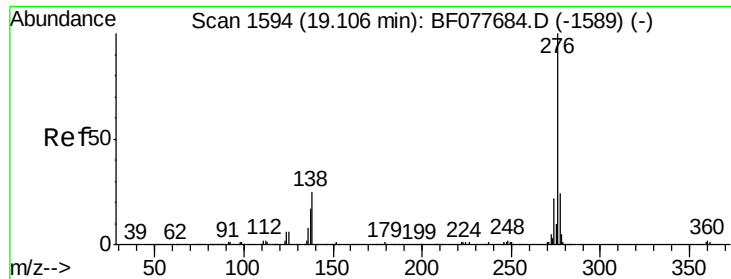


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

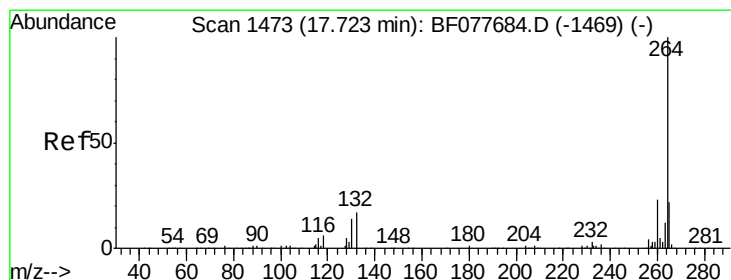
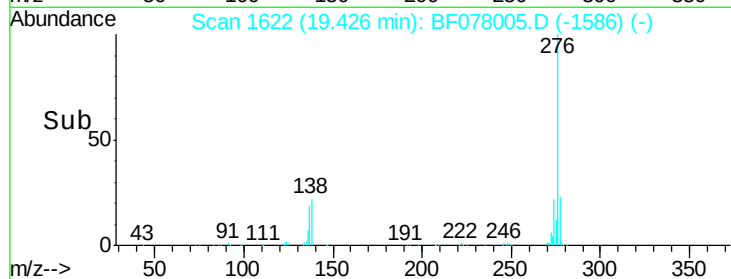
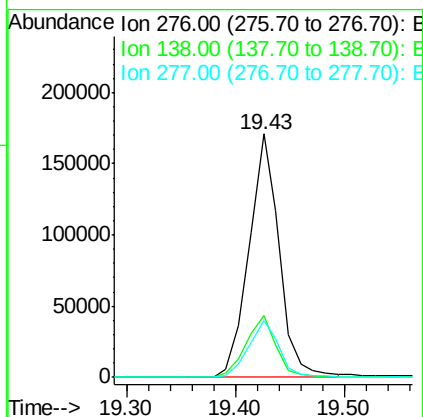
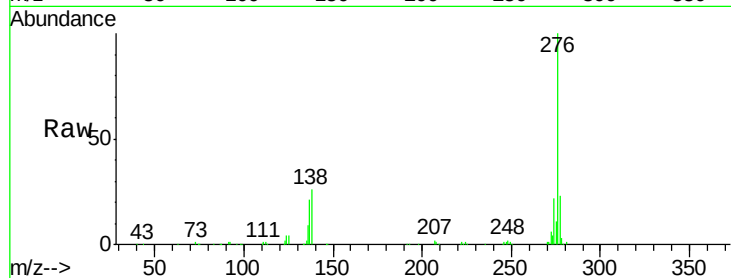




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 25.77 ng
 RT: 19.43 min Scan# 1622
 Delta R.T. 0.11 min
 Lab File: BF078005.D
 Acq: 26 Mar 2015 19:56

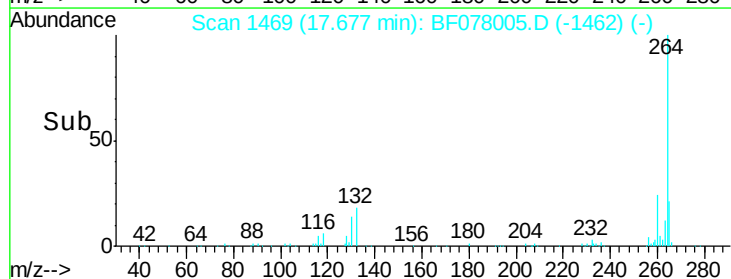
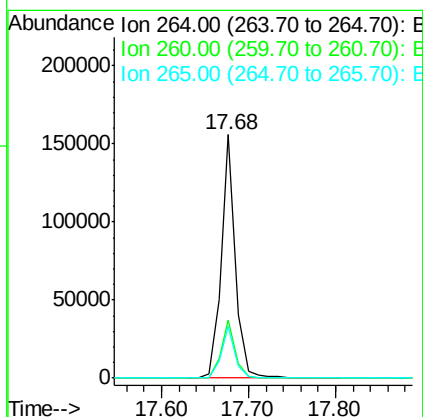
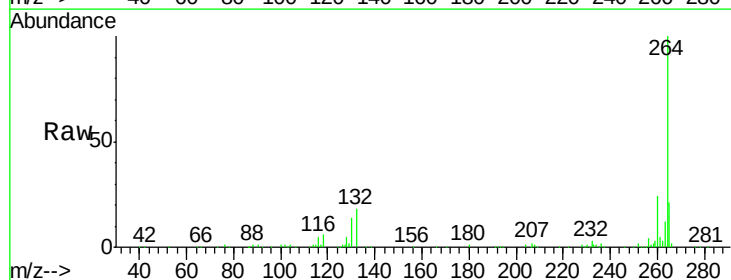
Instrument :
 BNA_F
 ClientSampleId :
 PB82321BS

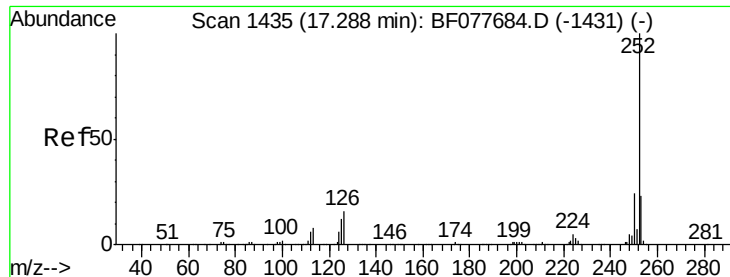
Tgt Ion: 276 Resp: 330049
 Ion Ratio Lower Upper
 276 100
 138 25.3 0.0 0.0#
 277 23.6 0.0 0.0#



#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

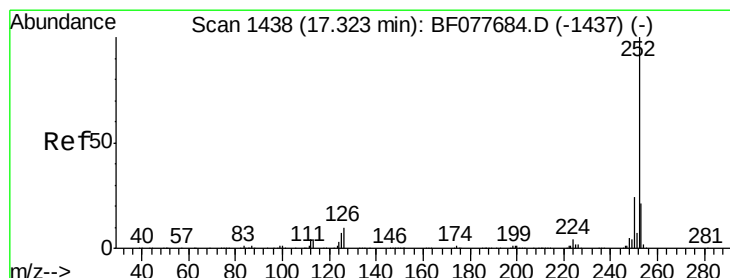
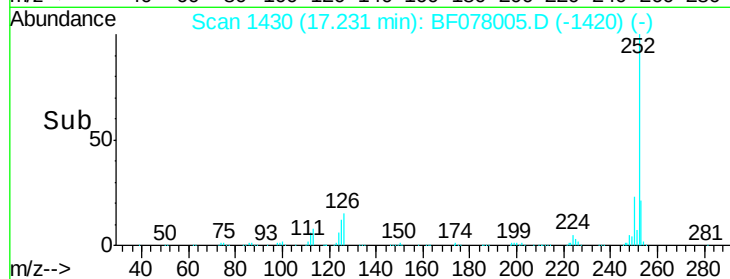
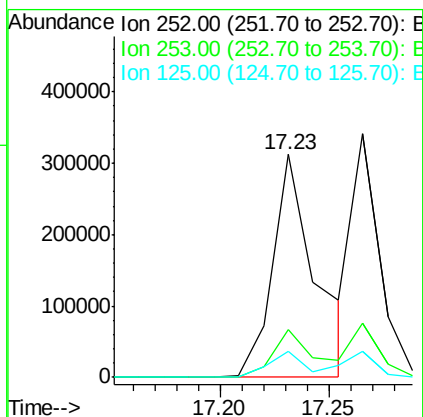
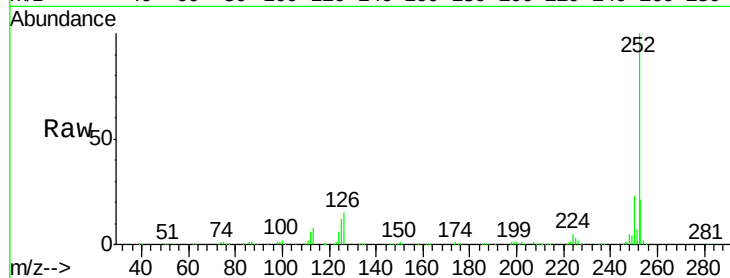




#87
Benzo(b)fluoranthene
Concen: 36.92 ng
RT: 17.23 min Scan# 1430
Delta R.T. -0.18 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

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: 47.27 ng
RT: 17.23 min Scan# 1430
Delta R.T. -0.22 min
Lab File: BF078005.D
Acq: 26 Mar 2015 19:56

Tgt Ion: 252 Resp: 429383
Ion Ratio Lower Upper
252 100
253 21.4 17.2 25.8
125 11.9 8.1 12.1

