

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032315\
 Data File : BF077902.D
 Acq On : 23 Mar 2015 18:54
 Operator : TP/IZ
 Sample : PB82255BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82255BS

Quant Time: Mar 24 01:40:37 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 24 02:23:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	38057	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	165588	20.00	ng	0.00
38) Acenaphthene-d10	10.87	164	85075	20.00	ng	0.00
63) Phenanthrene-d10	12.69	188	171067	20.00	ng	-0.01
75) Chrysene-d12	15.99	240	197731	20.00	ng	-0.02
86) Perylene-d12	17.78	264	193632	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	241962	110.98	ng	0.00
7) Phenol-d6	6.69	99	305362	113.36	ng	0.00
23) Nitrobenzene-d5	7.81	82	182497	72.25	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	80154	98.47	ng	0.00
44) 2-Fluorobiphenyl	10.04	172	409642	70.76	ng	0.00
78) Terphenyl-d14	14.69	244	509742	62.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.00	88	29393	29.69	ng	# 100
3) Pyridine	2.67	79	88395	33.23	ng	91
4) n-Nitrosodimethylamine	2.60	42	39027	33.70	ng	92
6) Aniline	6.70	93	74476	19.33	ng	# 31
8) 2-Chlorophenol	6.85	128	93880	36.17	ng	88
9) Benzaldehyde	6.57	77	4314	3.91	ng	97
10) Phenol	6.70	94	114821	36.06	ng	90
11) bis(2-Chloroethyl)ether	6.81	93	86325	36.19	ng	93
12) 1,3-Dichlorobenzene	7.04	146	98583	34.15	ng	98
13) 1,4-Dichlorobenzene	7.14	146	100760	33.60	ng	98
14) 1,2-Dichlorobenzene	7.32	146	96198	34.99	ng	99
15) Benzyl Alcohol	7.31	79	71427	33.97	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.48	45	112841	35.11	ng	97
17) 2-Methylphenol	7.46	107	78904	37.35	ng	98
18) Hexachloroethane	7.73	117	33374	33.93	ng	91
19) n-Nitroso-di-n-propylamine	7.64	70	63898	34.29	ng	# 94
20) 3+4-Methylphenols	7.65	107	97901	35.31	ng	98
22) Acetophenone	7.63	105	131134	35.77	ng	# 92
24) Nitrobenzene	7.84	77	95000	34.91	ng	# 86
25) Isophorone	8.13	82	167269	32.79	ng	95
26) 2-Nitrophenol	8.22	139	42697	32.05	ng	# 81
27) 2,4-Dimethylphenol	8.30	122	84712	34.90	ng	99
28) bis(2-Chloroethoxy)methane	8.42	93	108132	34.92	ng	98
29) 2,4-Dichlorophenol	8.53	162	79389	34.31	ng	96
30) 1,2,4-Trichlorobenzene	8.62	180	84177	32.52	ng	97
31) Naphthalene	8.72	128	280699	33.01	ng	99
32) Benzoic acid	8.42	122	34465	26.91	ng	94
33) 4-Chloroaniline	8.80	127	68522	19.85	ng	# 92
34) Hexachlorobutadiene	8.88	225	47224	32.19	ng	99
35) Caprolactam	9.22	113	23707	35.06	ng	90
36) 4-Chloro-3-methylphenol	9.41	107	82860	35.59	ng	88
37) 2-Methylnaphthalene	9.57	142	188015	32.91	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.78	216	81544	32.14	ng	# 100
40) Hexachlorocyclopentadiene	9.77	237	75610	60.33	ng	97

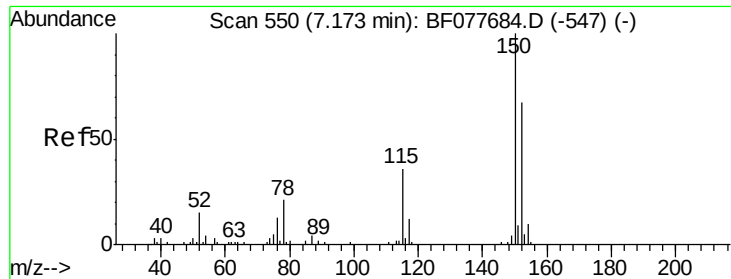
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032315\
 Data File : BF077902.D
 Acq On : 23 Mar 2015 18:54
 Operator : TP/IZ
 Sample : PB82255BS
 Misc :
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Quant Time: Mar 24 01:40:37 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 24 02:23:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.94	196	54682	31.11	ng	97
43) 2,4,5-Trichlorophenol	9.98	196	62021	32.66	ng	# 95
45) 1,1'-Biphenyl	10.16	154	218989	32.20	ng	97
46) 2-Chloronaphthalene	10.18	162	184444	33.37	ng	96
47) 2-Nitroaniline	10.32	65	50009	36.43	ng	92
48) Acenaphthylene	10.68	152	287885	31.32	ng	99
49) Dimethylphthalate	10.56	163	215339	34.13	ng	99
50) 2,6-Dinitrotoluene	10.63	165	47326	36.18	ng	90
51) Acenaphthene	10.90	154	166114	31.52	ng	99
52) 3-Nitroaniline	10.83	138	38731	25.50	ng	96
53) 2,4-Dinitrophenol	10.96	184	31164	66.38	ng	97
54) Dibenzofuran	11.12	168	264058	33.79	ng	95
55) 4-Nitrophenol	11.06	139	76764	68.22	ng	96
56) 2,4-Dinitrotoluene	11.12	165	62285	36.52	ng	94
57) Fluorene	11.54	166	214411	33.04	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.28	232	48952	33.48	ng	# 100
59) Diethylphthalate	11.43	149	205036	33.35	ng	96
60) 4-Chlorophenyl-phenylether	11.55	204	98218	33.16	ng	94
61) 4-Nitroaniline	11.57	138	50100	33.09	ng	75
62) Azobenzene	11.75	77	199874	34.02	ng	94
64) 4,6-Dinitro-2-methylphenol	11.62	198	24682	32.12	ng	79
65) n-Nitrosodiphenylamine	11.70	169	183120	32.15	ng	100
66) 4-Bromophenyl-phenylether	12.16	248	57797	31.66	ng	# 88
67) Hexachlorobenzene	12.21	284	63289	31.55	ng	96
68) Atrazine	12.37	200	57586	36.07	ng	95
69) Pentachlorophenol	12.47	266	63890	61.55	ng	96
70) Phenanthrene	12.73	178	339184	34.54	ng	100
71) Anthracene	12.79	178	335845	34.61	ng	99
72) Carbazole	13.00	167	329157	35.66	ng	99
73) Di-n-butylphthalate	13.46	149	355852	34.39	ng	99
74) Fluoranthene	14.20	202	370404	34.20	ng	99
76) Benzidine	14.39	184	164086	33.47	ng	99
77) Pyrene	14.48	202	394042	31.69	ng	100
79) Butylbenzylphthalate	15.31	149	160938	32.83	ng	# 88
80) Benzo(a)anthracene	15.97	228	381643	32.56	ng	99
81) 3,3'-Dichlorobenzidine	15.96	252	85746	22.18	ng	# 98
82) Chrysene	16.02	228	366518	34.78	ng	99
83) Bis(2-ethylhexyl)phthalate	16.04	149	227112	30.58	ng	# 94
84) Di-n-octyl phthalate	16.87	149	399213	31.44	ng	100
85) Indeno(1,2,3-cd)pyrene	19.15	276	427275	32.48	ng	# 100
87) Benzo(b)fluoranthene	17.31	252	418737	33.13	ng	99
88) Benzo(k)fluoranthene	17.31	252	418737	42.41	ng	98
89) Benzo(a)pyrene	17.71	252	371465	35.22	ng	99
90) Dibenzo(a,h)anthracene	19.19	278	355998	34.03	ng	98
91) Benzo(g,h,i)perylene	19.56	276	364426	34.22	ng	97

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

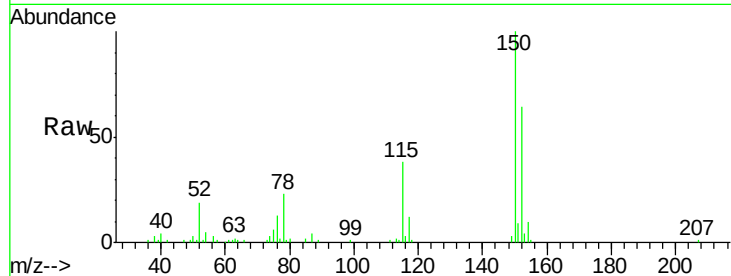


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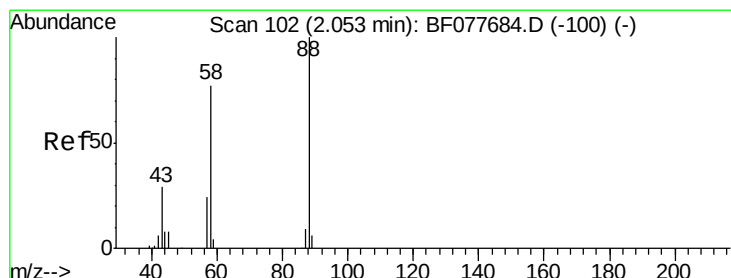
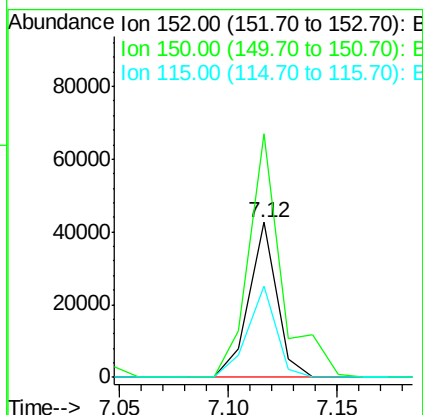
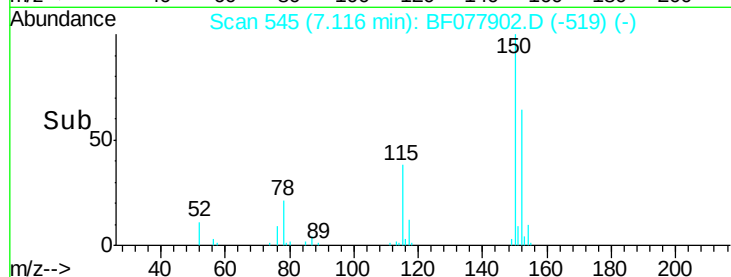
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.12 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF077902.D
Acq: 23 Mar 2015 18:54

Instrument :
BNA_F
ClientSampleId :
PB82255BS

Tgt Ion:152 Resp: 38057
Ion Ratio Lower Upper
152 100
150 157.0 119.5 179.3
115 58.9 43.0 64.4



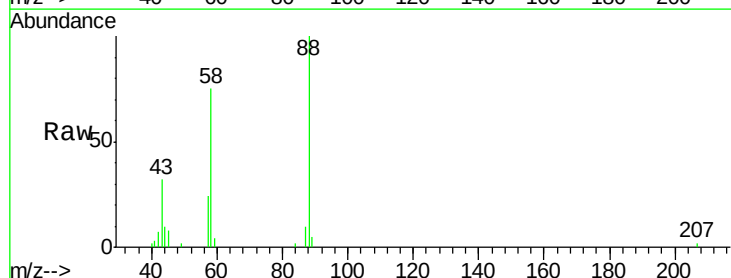
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



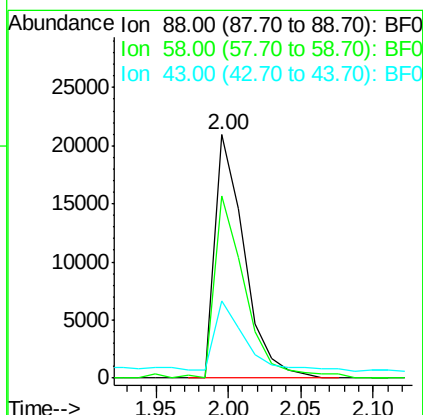
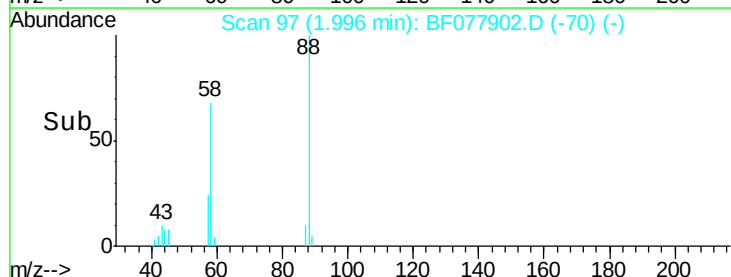
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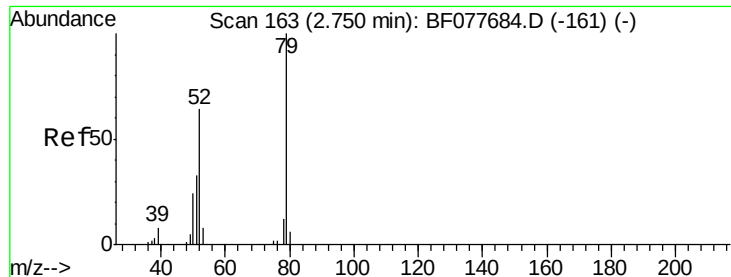
1,4-Dioxane
Concen: 29.69 ng
RT: 2.00 min Scan# 97
Delta R.T. 0.01 min
Lab File: BF077902.D
Acq: 23 Mar 2015 18:54

Tgt Ion: 88 Resp: 29393
Ion Ratio Lower Upper
88 100
58 77.9 0.0 0.0#
43 28.9 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: 33.23 ng

RT: 2.67 min Scan# 156

Delta R.T. 0.01 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

Instrument :

BNA_F

ClientSampleId :

PB82255BS

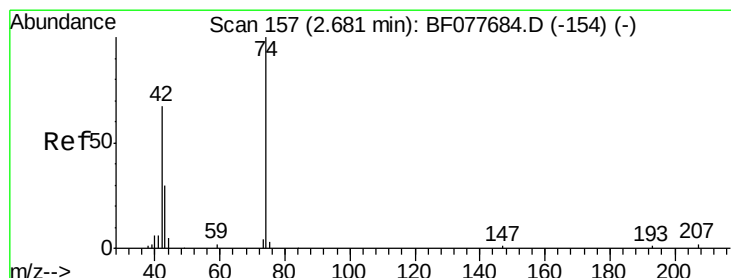
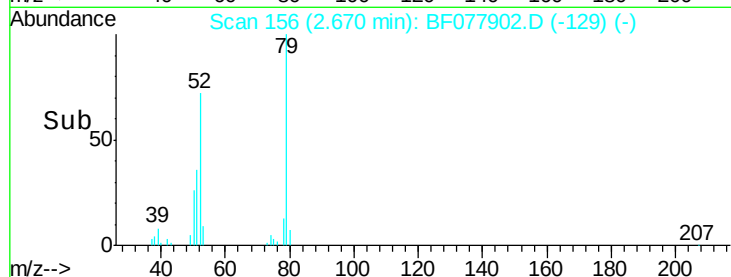
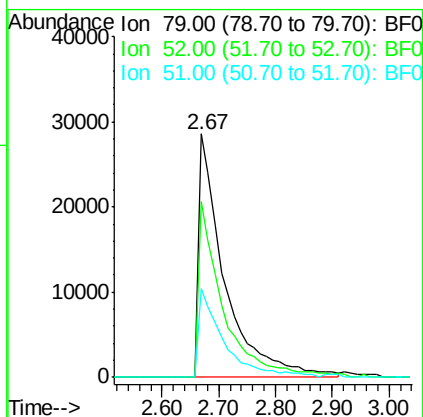
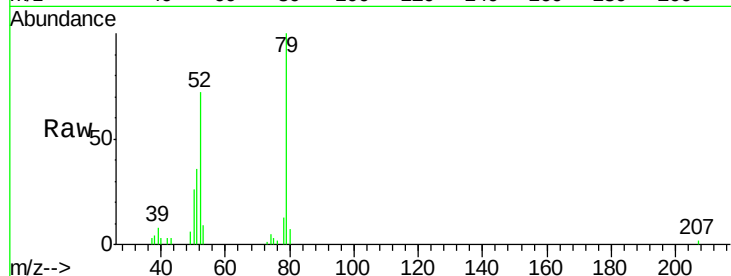
Tgt Ion: 79 Resp: 88395

Ion Ratio Lower Upper

79 100

52 72.0 51.1 76.7

51 36.4 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 33.70 ng

RT: 2.60 min Scan# 150

Delta R.T. 0.01 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

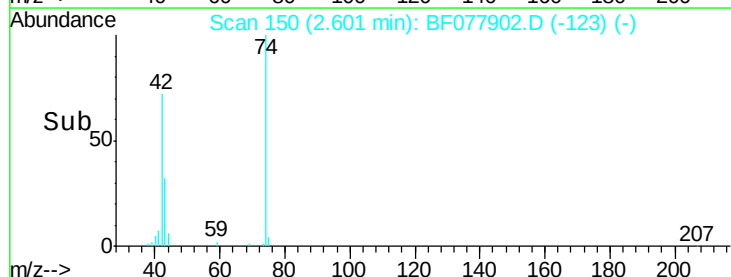
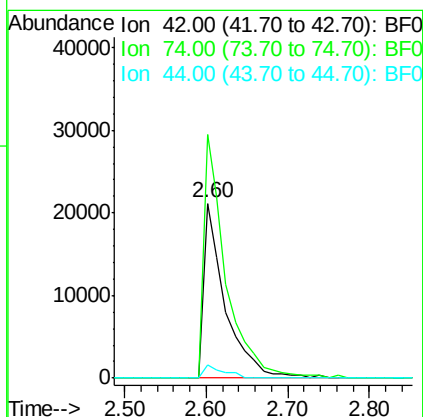
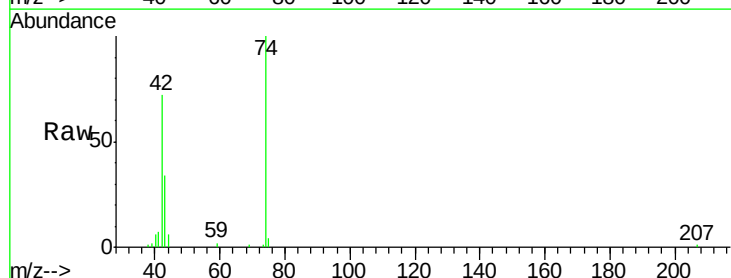
Tgt Ion: 42 Resp: 39027

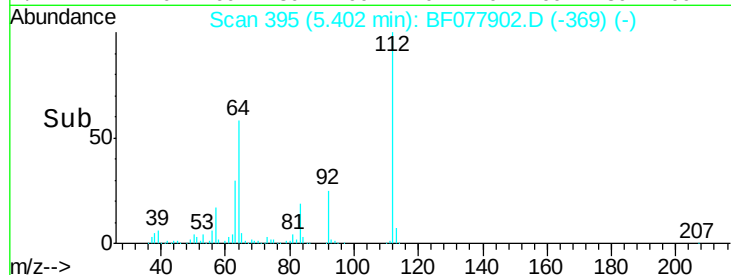
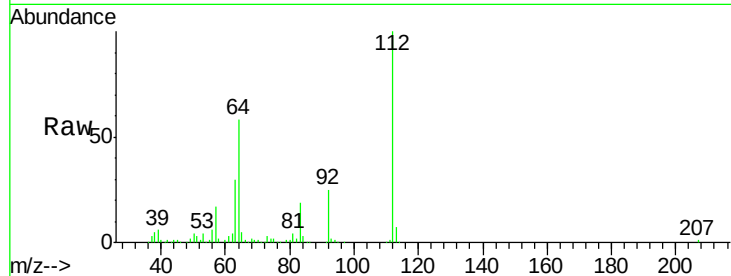
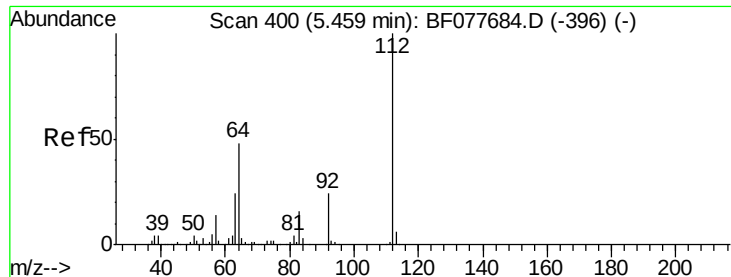
Ion Ratio Lower Upper

42 100

74 139.2 119.3 178.9

44 7.8 5.4 8.2

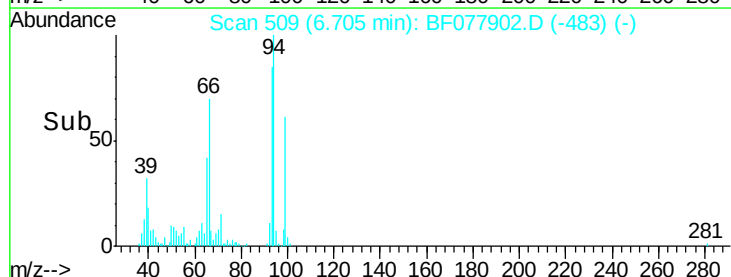
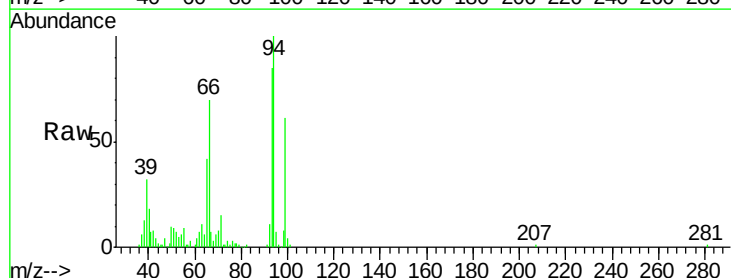
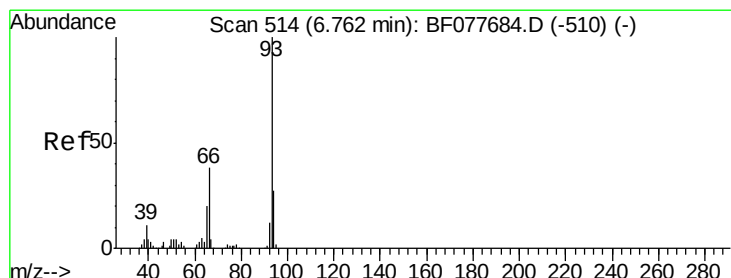
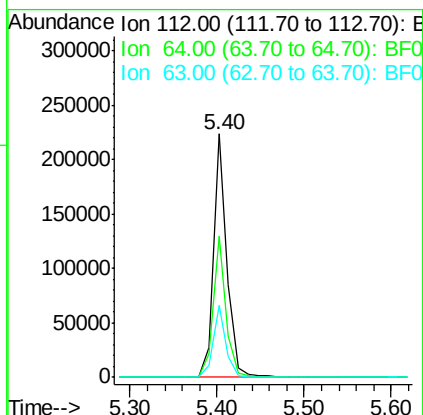




#5
2-Fluorophenol
Concen: 110.98 ng
RT: 5.40 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF077902.D
Acq: 23 Mar 2015 18:54

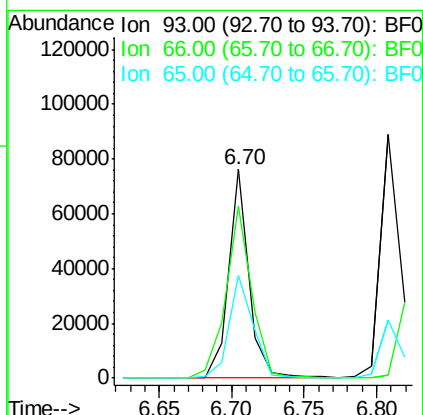
Instrument :
BNA_F
ClientSampleId :
PB82255BS

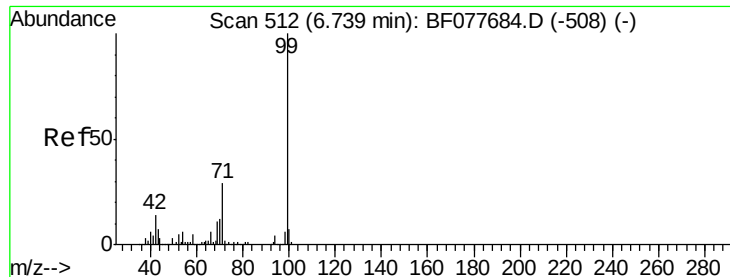
Tgt Ion: 112 Resp: 241962
Ion Ratio Lower Upper
112 100
64 58.0 38.6 57.8#
63 29.7 19.3 28.9#



#6
Aniline
Concen: 19.33 ng
RT: 6.70 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF077902.D
Acq: 23 Mar 2015 18:54

Tgt Ion: 93 Resp: 74476
Ion Ratio Lower Upper
93 100
66 82.2 30.8 46.2#
65 49.1 16.0 24.0#





#7

Phenol-d6

Concen: 113.36 ng

RT: 6.69 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

Instrument :

BNA_F

ClientSampleId :

PB82255BS

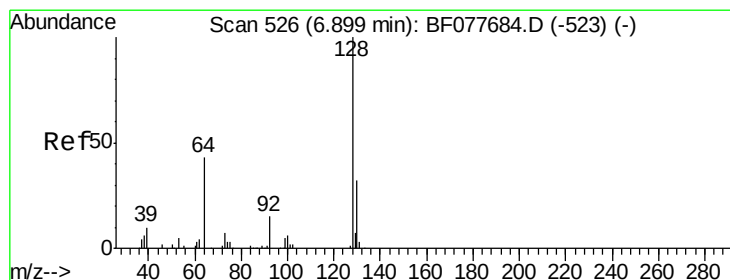
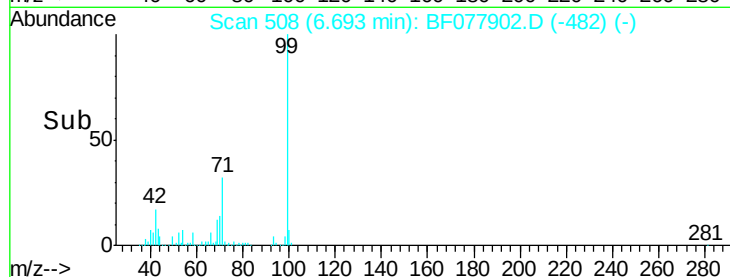
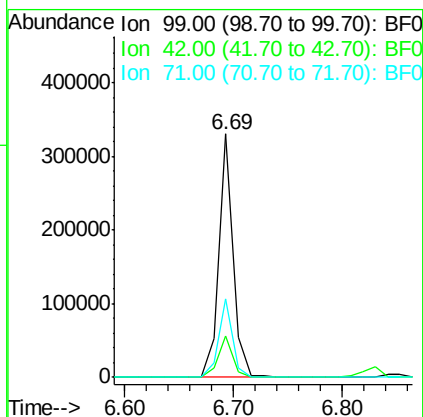
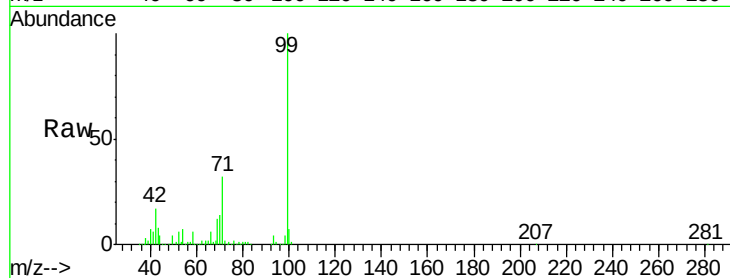
Tgt Ion: 99 Resp: 305362

Ion Ratio Lower Upper

99 100

42 17.1 11.0 16.4#

71 32.2 23.4 35.2



#8

2-Chlorophenol

Concen: 36.17 ng

RT: 6.85 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

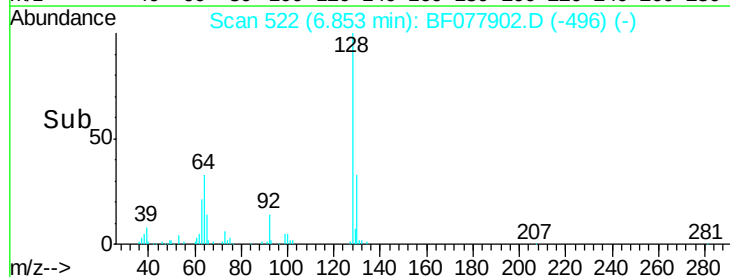
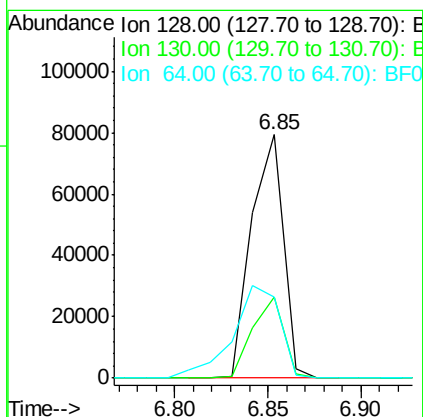
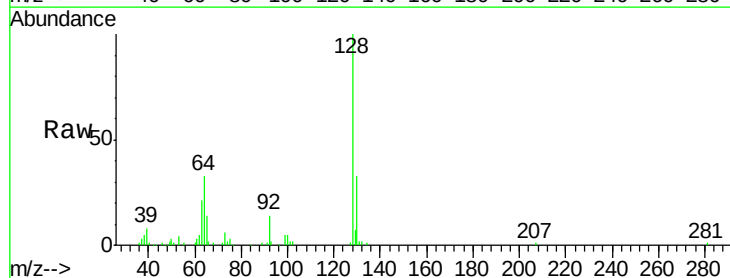
Tgt Ion: 128 Resp: 93880

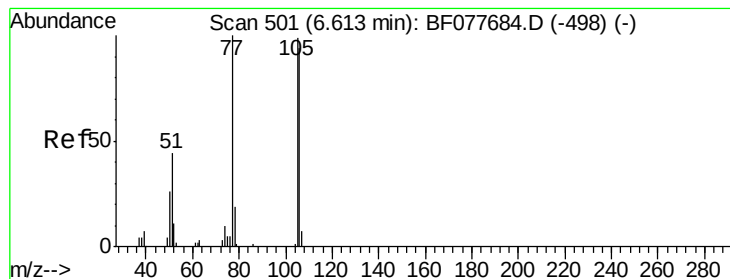
Ion Ratio Lower Upper

128 100

130 33.3 12.0 52.0

64 33.1 24.9 64.9





#9

Benzaldehyde

Concen: 3.91 ng

RT: 6.57 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

Instrument :

BNA_F

ClientSampleId :

PB82255BS

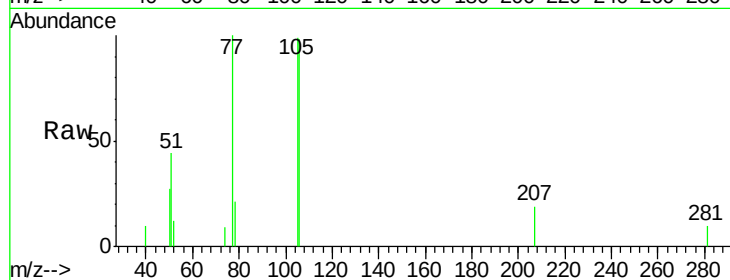
Tgt Ion: 77 Resp: 4314

Ion Ratio Lower Upper

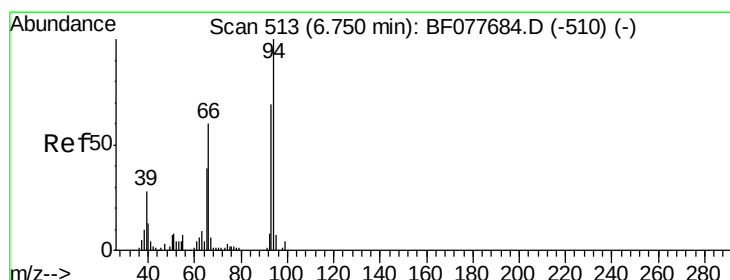
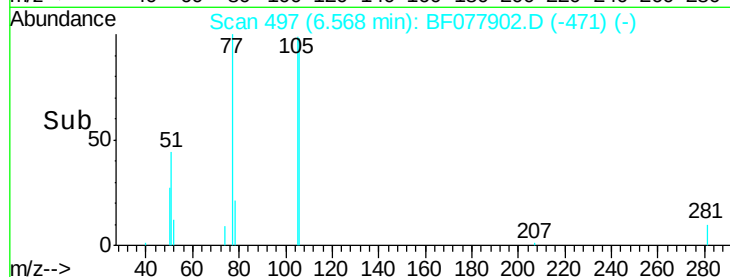
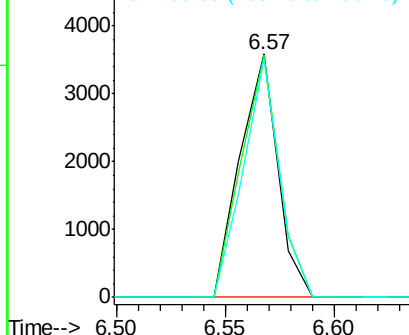
77 100

105 99.3 78.8 118.8

106 98.2 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.06 ng

RT: 6.70 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

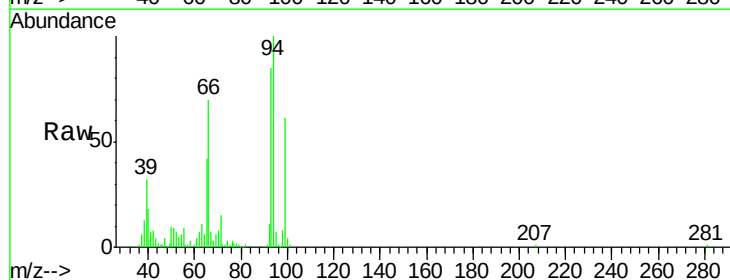
Tgt Ion: 94 Resp: 114821

Ion Ratio Lower Upper

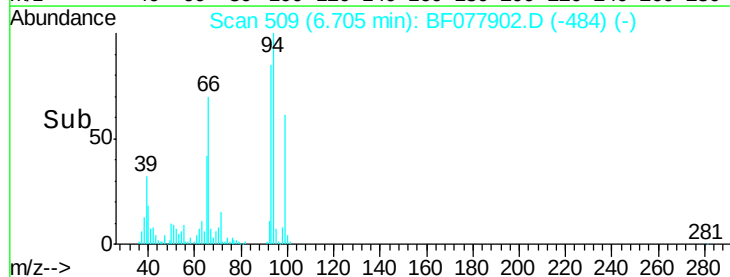
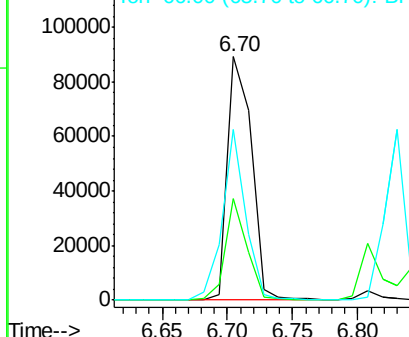
94 100

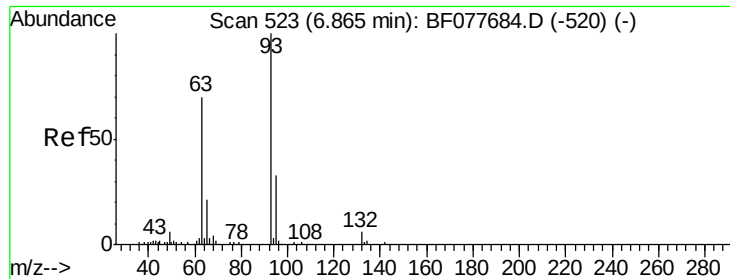
65 41.9 18.8 58.8

66 70.2 39.9 79.9



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

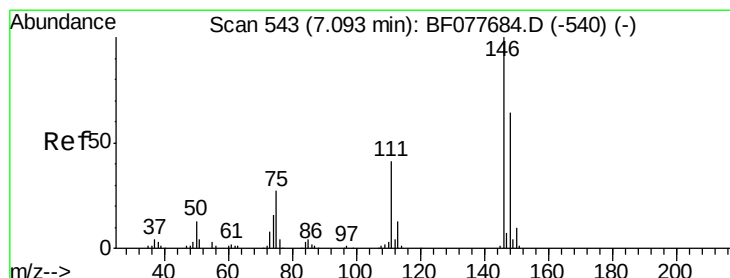
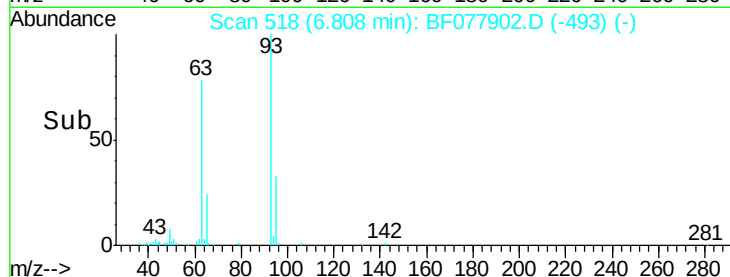
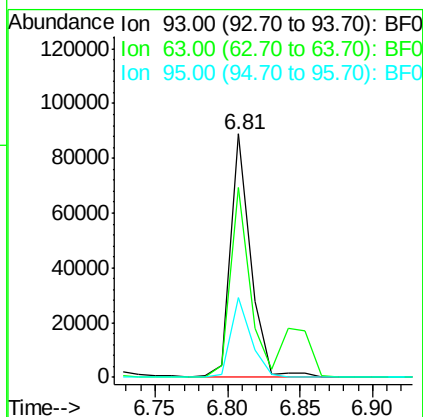
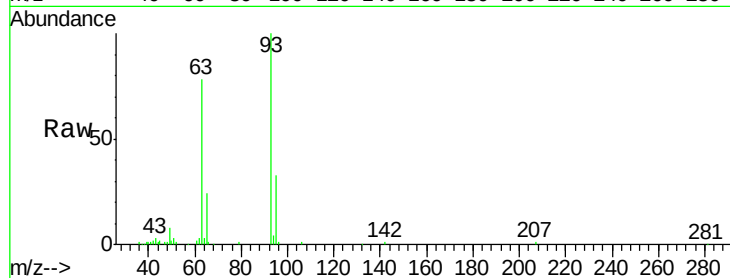




#11
bis(2-Chloroethyl)ether
Concen: 36.19 ng
RT: 6.81 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF077902.D
Acq: 23 Mar 2015 18:54

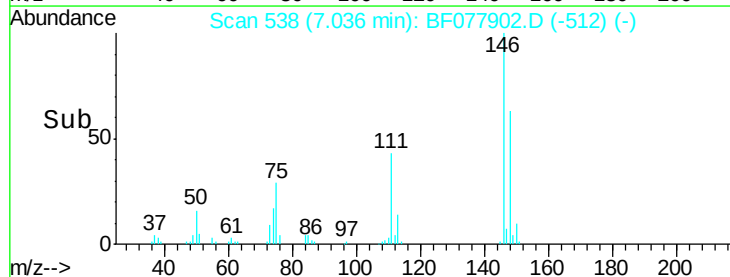
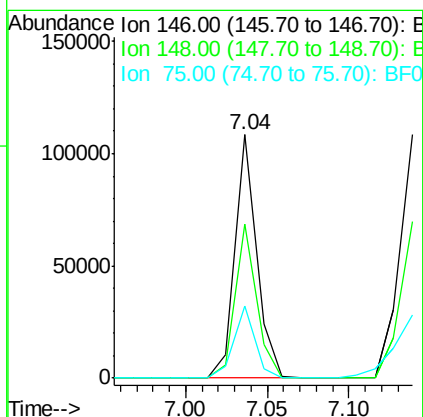
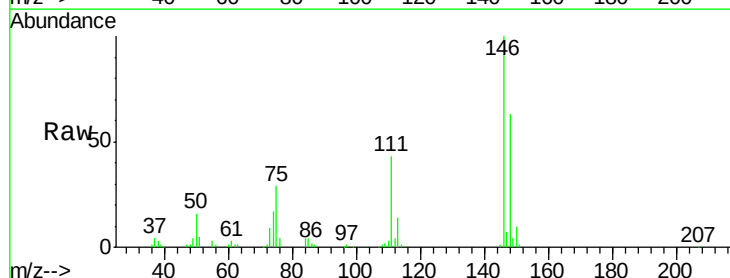
Instrument :
BNA_F
ClientSampleId :
PB82255BS

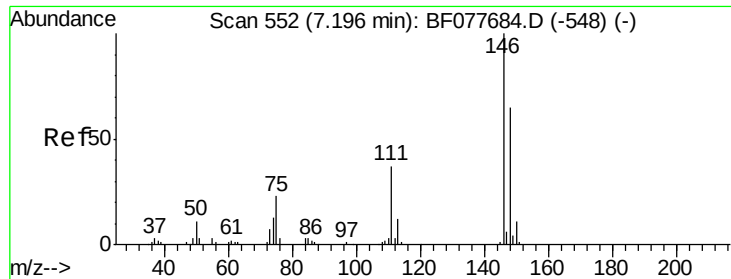
Tgt Ion	Ratio	Lower	Upper
93	100		
63	77.9	49.5	89.5
95	32.5	13.5	53.5



#12
1,3-Dichlorobenzene
Concen: 34.15 ng
RT: 7.04 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF077902.D
Acq: 23 Mar 2015 18:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.9	76.3
75	29.4	21.4	32.2

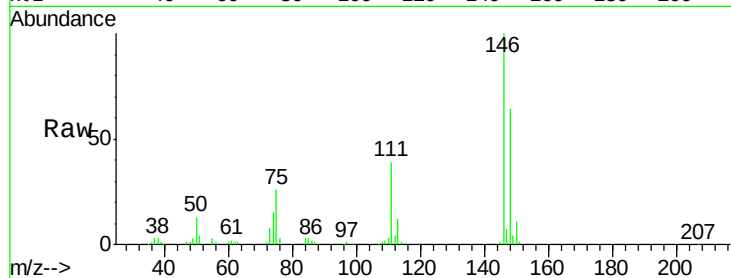




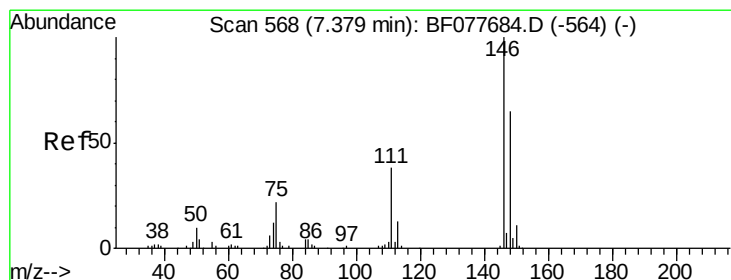
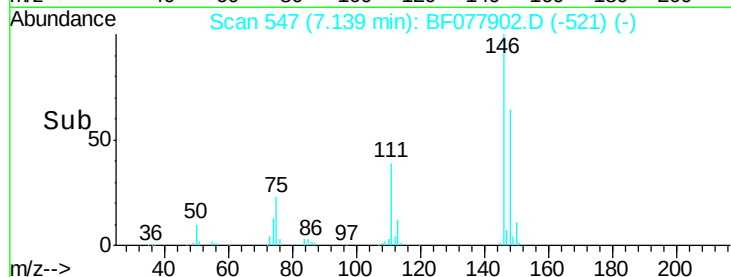
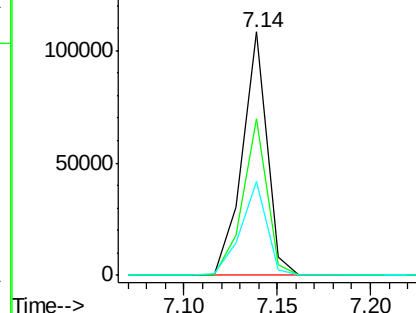
#13
 1,4-Dichlorobenzene
 Concen: 33.60 ng
 RT: 7.14 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF077902.D
 Acq: 23 Mar 2015 18:54

Instrument :
 BNA_F
 ClientSampleId :
 PB82255BS

Tgt Ion:146 Resp: 100760
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.9 77.9
 111 38.8 29.2 43.8

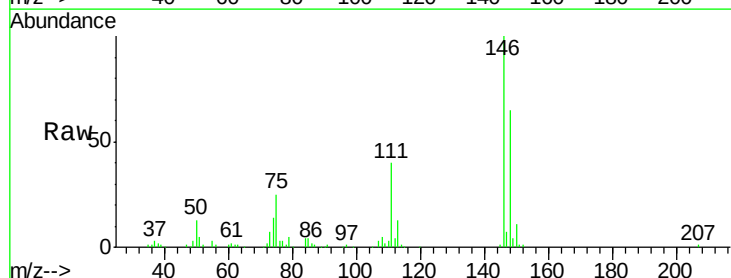


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

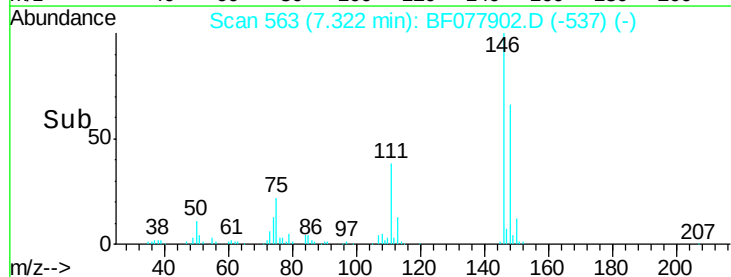
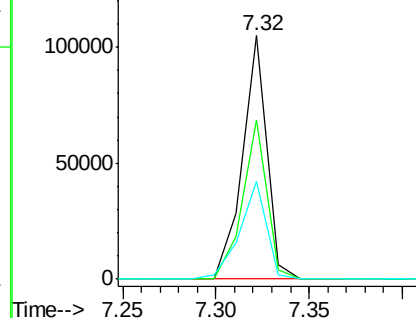


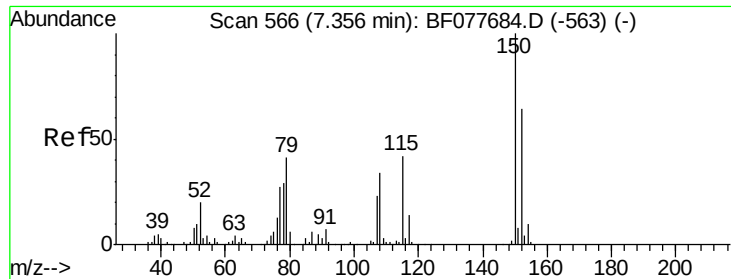
#14
 1,2-Dichlorobenzene
 Concen: 34.99 ng
 RT: 7.32 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: BF077902.D
 Acq: 23 Mar 2015 18:54

Tgt Ion:146 Resp: 96198
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.3 78.5
 111 39.9 30.6 45.8



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





#15

Benzyl Alcohol

Concen: 33.97 ng

RT: 7.31 min Scan# 562

Delta R.T. 0.00 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

Instrument :

BNA_F

ClientSampleId :

PB82255BS

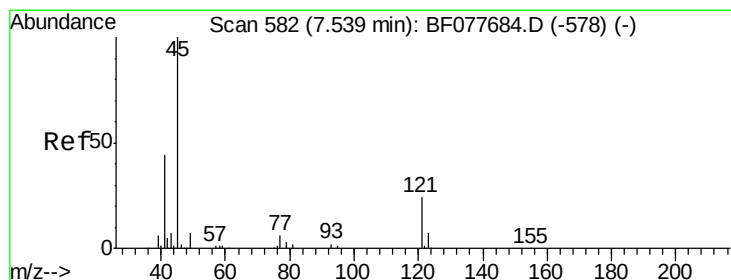
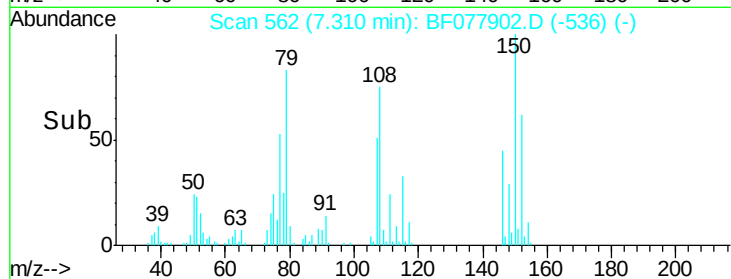
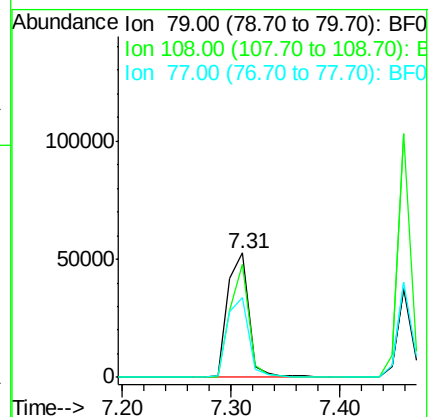
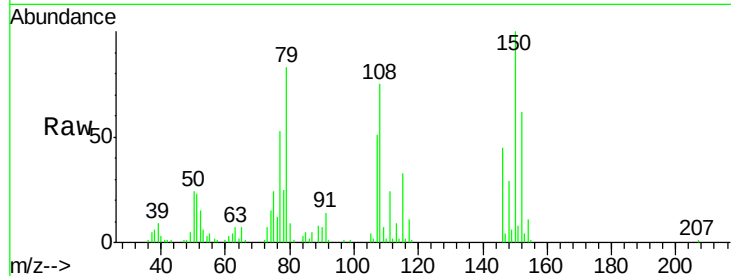
Tgt Ion: 79 Resp: 71427

Ion Ratio Lower Upper

79 100

108 90.3 65.0 97.4

77 64.1 53.0 79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.11 ng

RT: 7.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

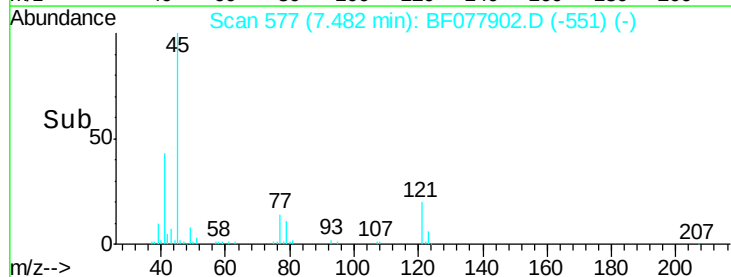
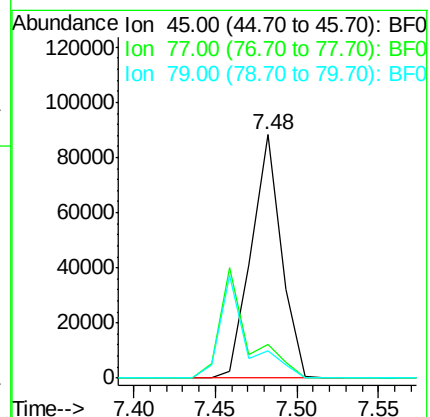
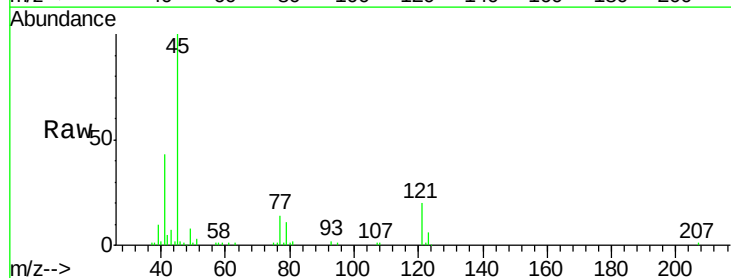
Tgt Ion: 45 Resp: 112841

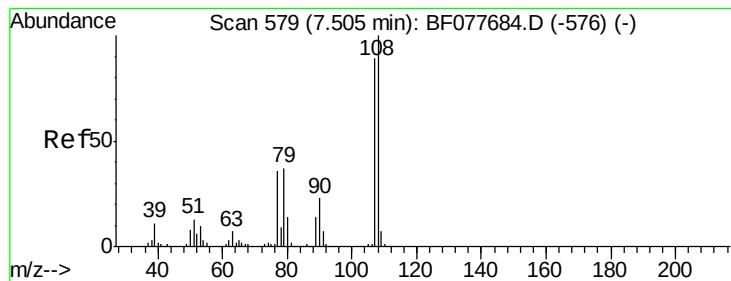
Ion Ratio Lower Upper

45 100

77 13.9 0.0 35.2

79 11.1 0.0 32.0

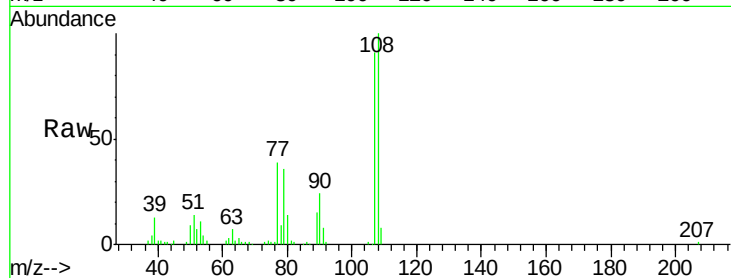




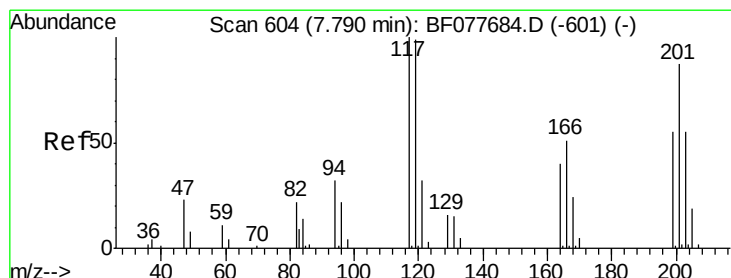
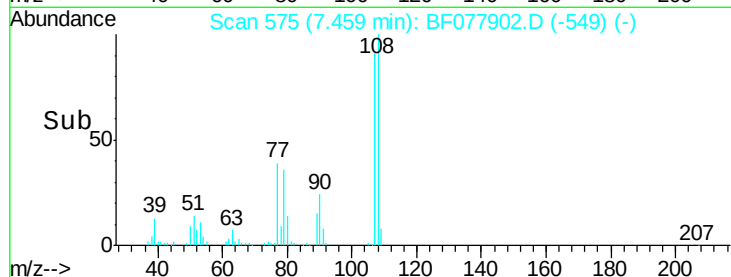
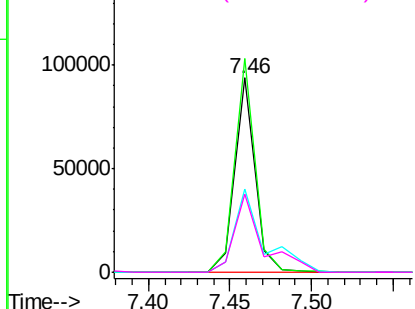
#17
2-Methylphenol
Concen: 37.35 ng
RT: 7.46 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF077902.D
Acq: 23 Mar 2015 18:54

Instrument :
BNA_F
ClientSampleId :
PB82255BS

Tgt Ion:	107	Resp:	78904
Ion	Ratio	Lower	Upper
107	100		
108	110.1	89.8	134.8
77	42.9	32.6	48.8
79	40.0	32.8	49.2

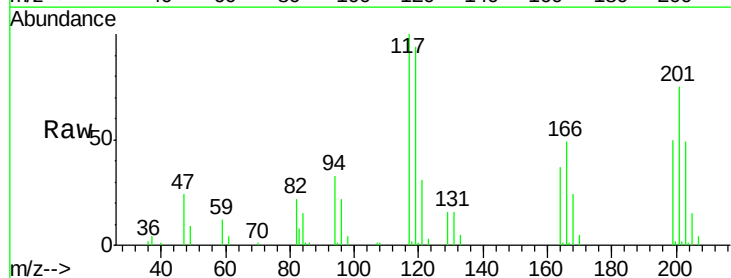


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

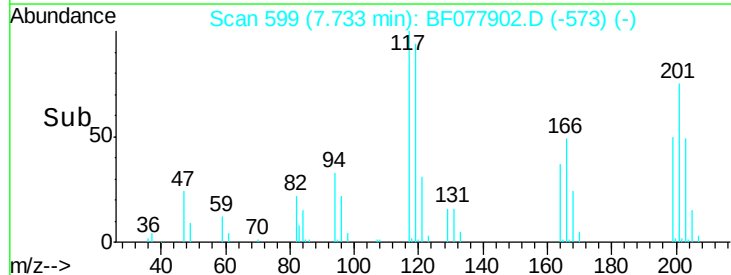
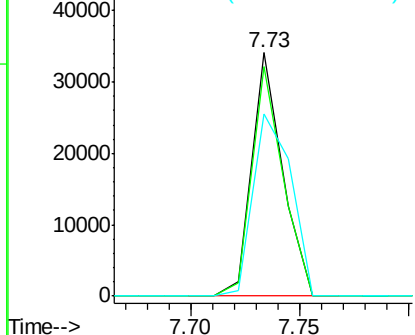


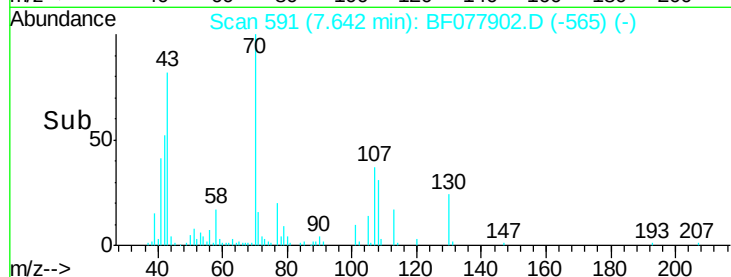
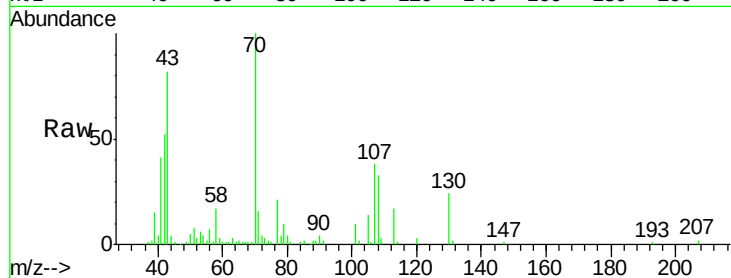
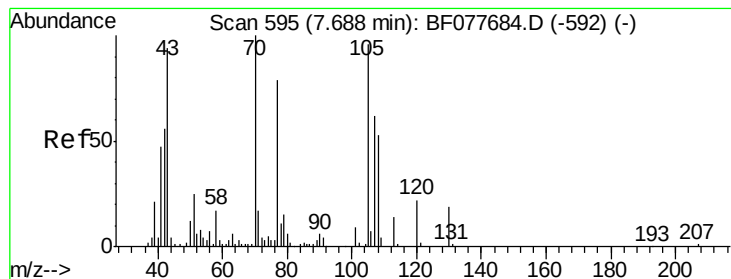
#18
Hexachloroethane
Concen: 33.93 ng
RT: 7.73 min Scan# 599
Delta R.T. 0.00 min
Lab File: BF077902.D
Acq: 23 Mar 2015 18:54

Tgt Ion:	117	Resp:	33374
Ion	Ratio	Lower	Upper
117	100		
119	94.3	79.2	118.8
201	74.9	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: 34.29 ng

RT: 7.64 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

Instrument :

BNA_F

ClientSampleId :

PB82255BS

Tgt Ion: 70 Resp: 63898

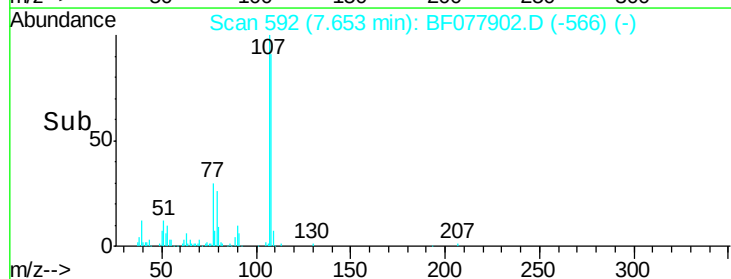
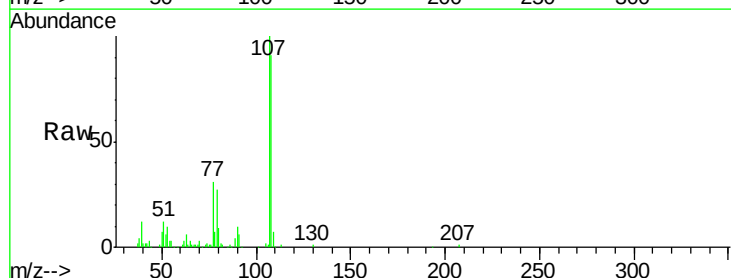
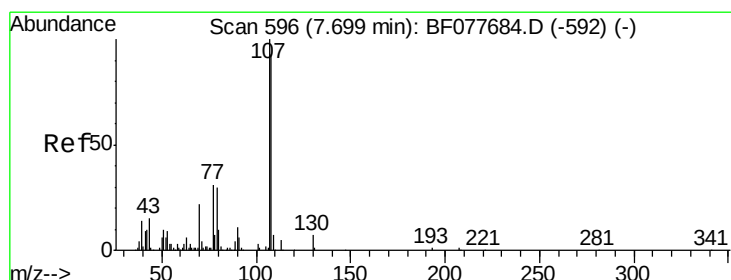
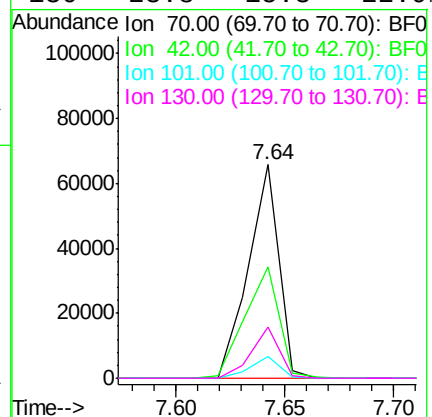
Ion Ratio Lower Upper

70 100

42 52.1 44.5 66.7

101 10.0 7.4 11.2

130 23.8 15.3 22.9#



#20

3+4-Methylphenols

Concen: 35.31 ng

RT: 7.65 min Scan# 592

Delta R.T. 0.00 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

Tgt Ion: 107 Resp: 97901

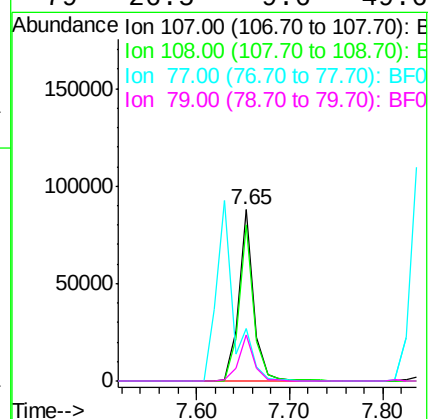
Ion Ratio Lower Upper

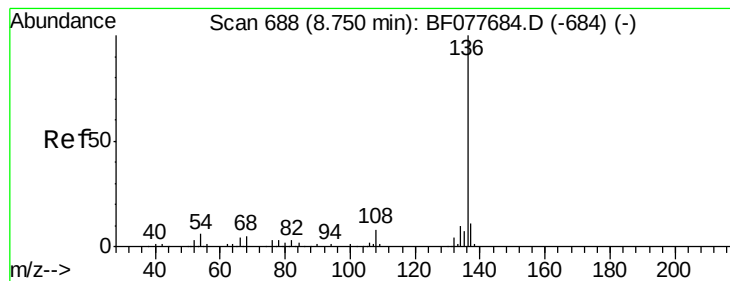
107 100

108 91.5 73.2 113.2

77 30.8 10.7 50.7

79 26.5 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.69 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

Instrument :

BNA_F

ClientSampleId :

PB82255BS

Tgt Ion:136 Resp: 165588

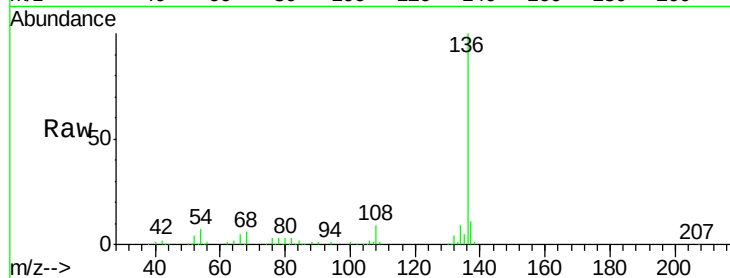
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.8 4.6 6.8

68 5.6 3.7 5.5#

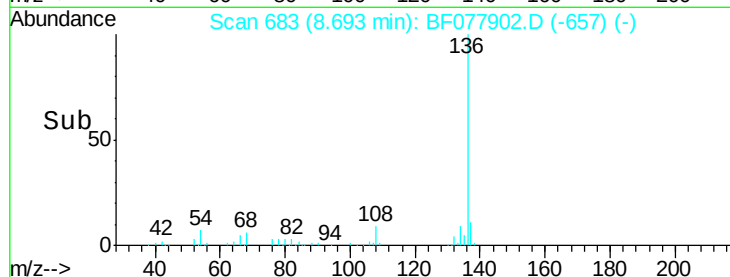


Abundance Ion 136.00 (135.70 to 136.70): E

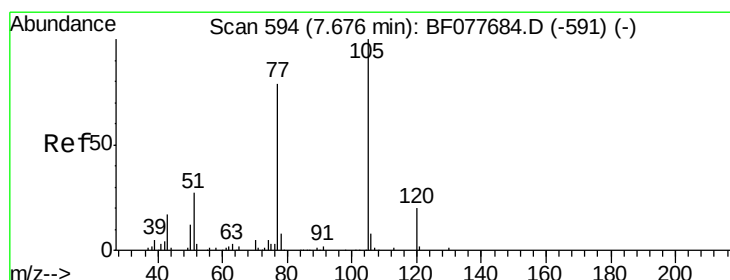
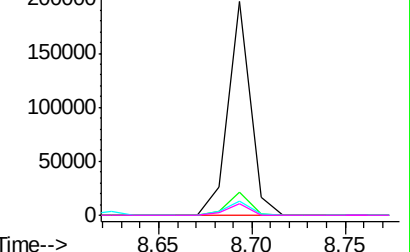
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 35.77 ng

RT: 7.63 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

Tgt Ion:105 Resp: 131134

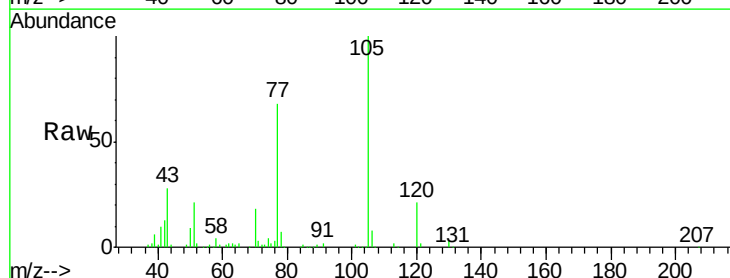
Ion Ratio Lower Upper

105 100

71 3.3 0.6 1.0#

51 21.0 21.6 32.4#

120 21.4 16.1 24.1

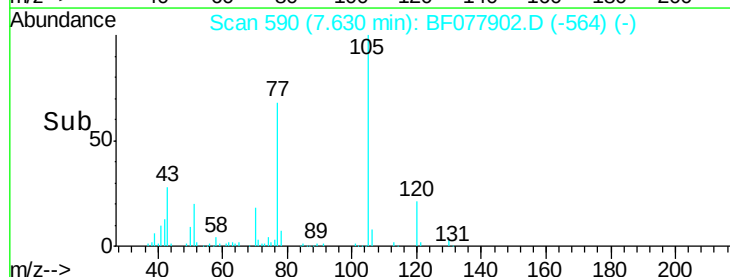


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

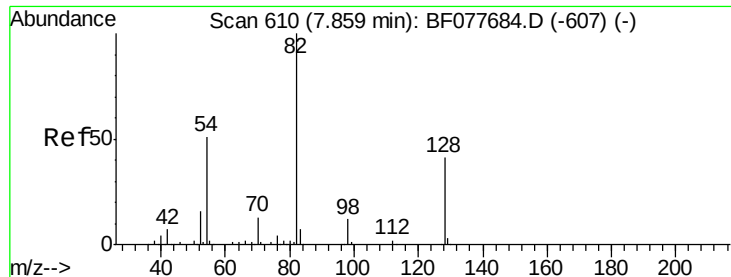
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

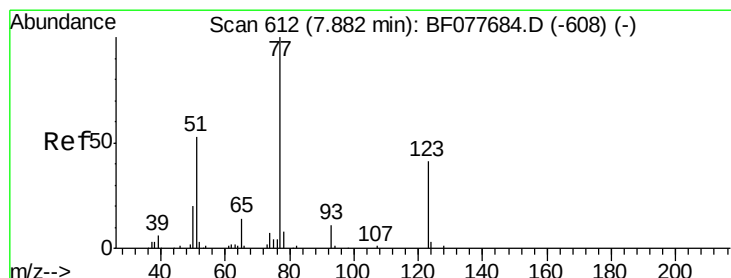
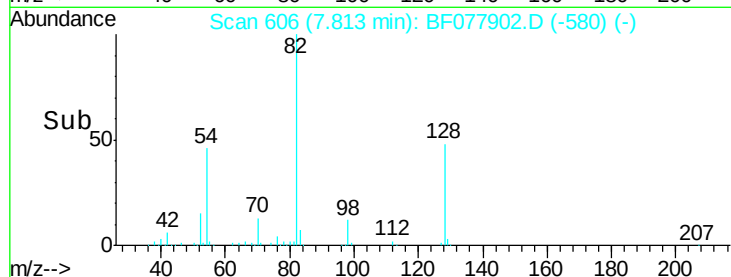
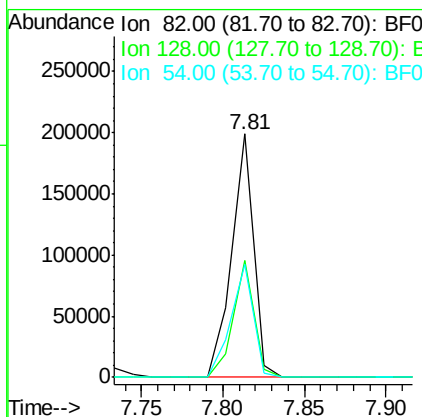
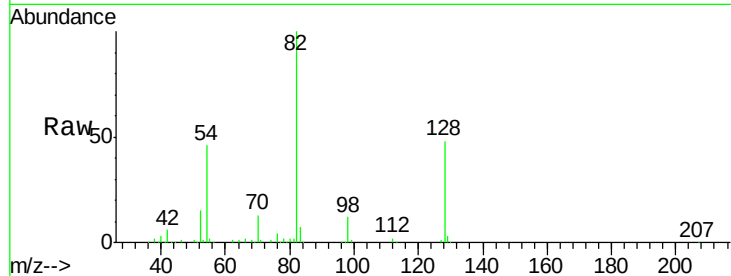




#23
 Nitrobenzene-d5
 Concen: 72.25 ng
 RT: 7.81 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF077902.D
 Acq: 23 Mar 2015 18:54

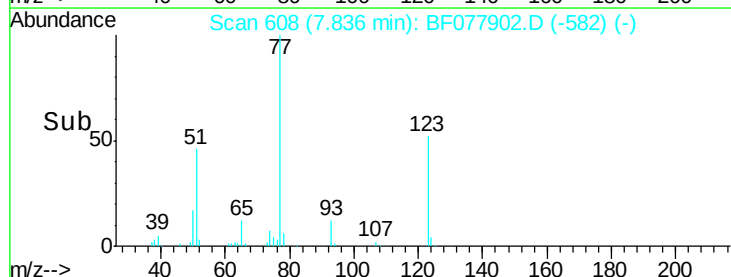
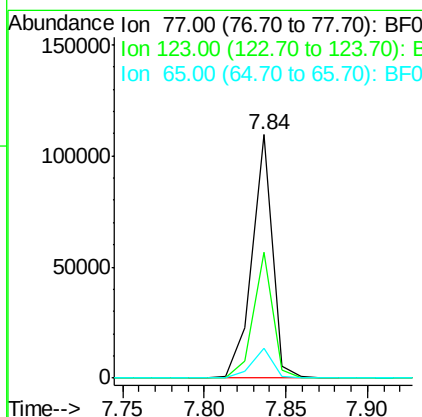
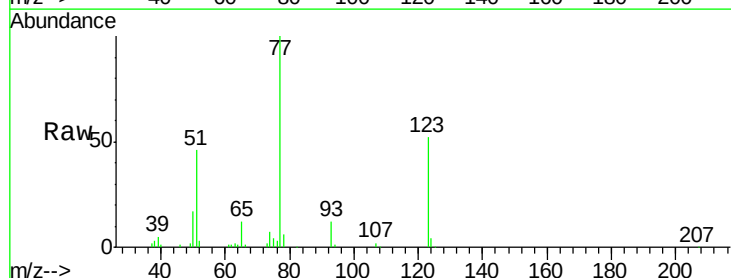
Instrument :
 BNA_F
 ClientSampleId :
 PB82255BS

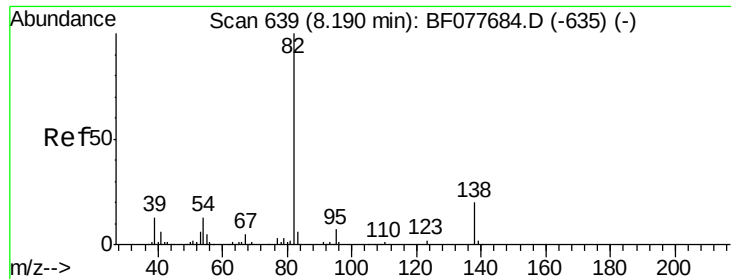
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.9	32.8	49.2
54	46.2	40.6	60.8



#24
 Nitrobenzene
 Concen: 34.91 ng
 RT: 7.84 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF077902.D
 Acq: 23 Mar 2015 18:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.6	32.6	49.0#
65	12.2	10.9	16.3





#25

Isophorone

Concen: 32.79 ng

RT: 8.13 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

Instrument :

BNA_F

ClientSampleId :

PB82255BS

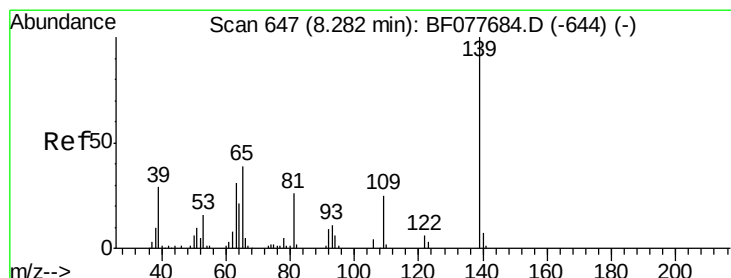
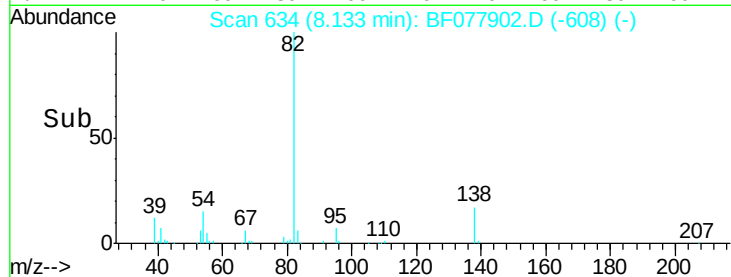
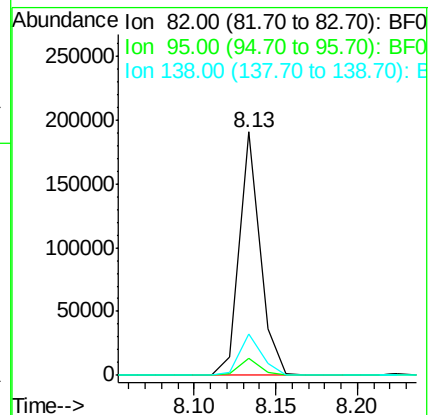
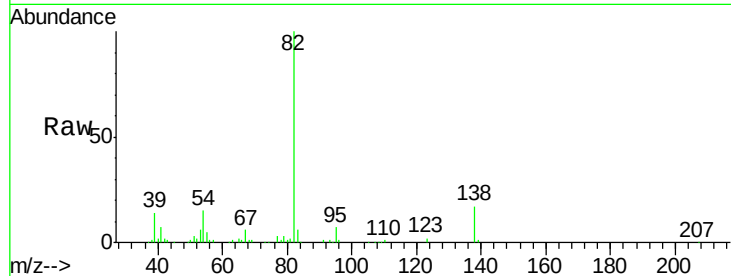
Tgt Ion: 82 Resp: 167269

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.6

138 17.2 16.3 24.5



#26

2-Nitrophenol

Concen: 32.05 ng

RT: 8.22 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

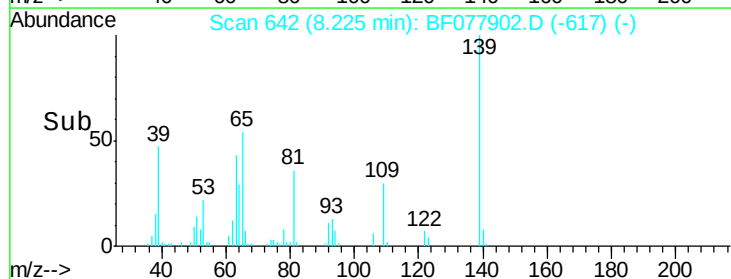
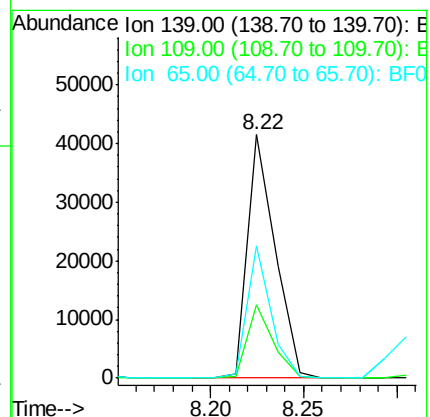
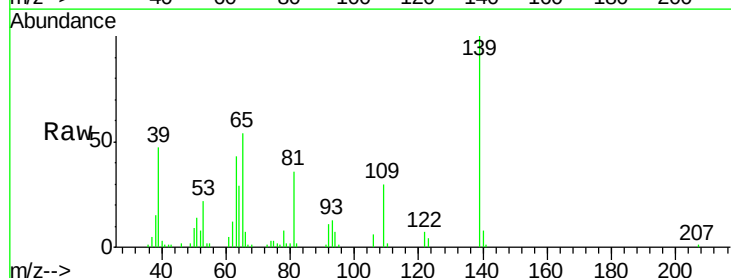
Tgt Ion: 139 Resp: 42697

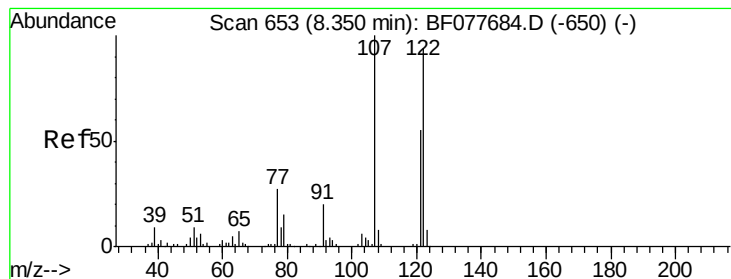
Ion Ratio Lower Upper

139 100

109 29.9 20.1 30.1

65 54.3 31.5 47.3#





#27

2,4-Dimethylphenol

Concen: 34.90 ng

RT: 8.30 min Scan# 649

Delta R.T. 0.00 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

Instrument :

BNA_F

ClientSampleId :

PB82255BS

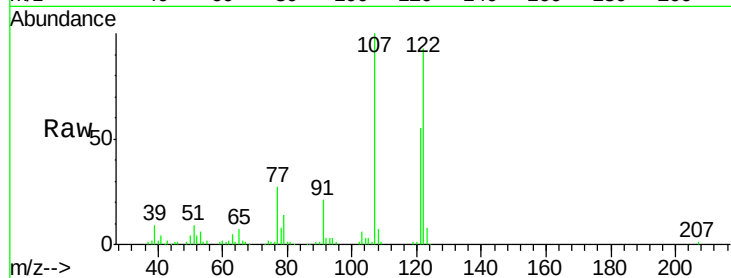
Tgt Ion:122 Resp: 84712

Ion Ratio Lower Upper

122 100

107 107.7 84.7 127.1

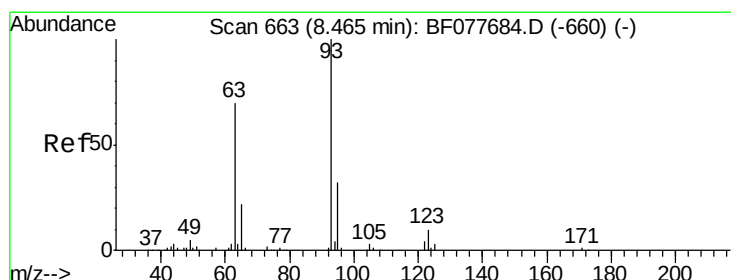
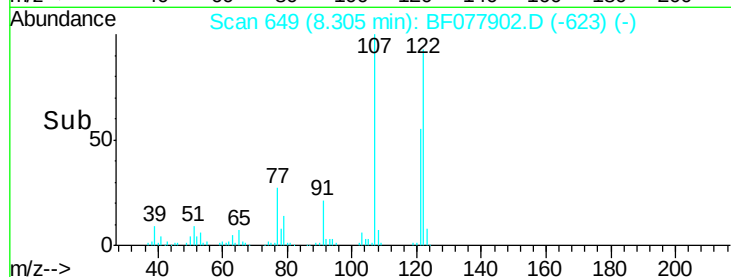
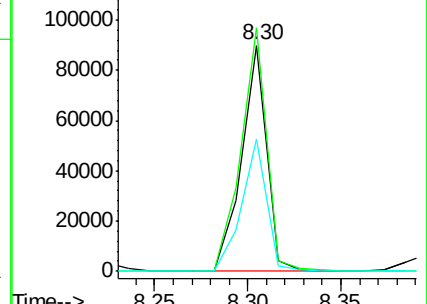
121 58.7 46.6 69.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 34.92 ng

RT: 8.42 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

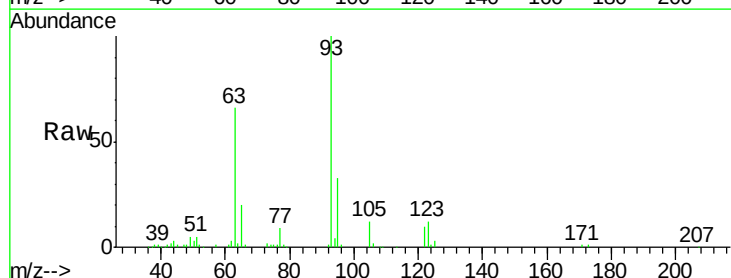
Tgt Ion: 93 Resp: 108132

Ion Ratio Lower Upper

93 100

95 33.0 25.5 38.3

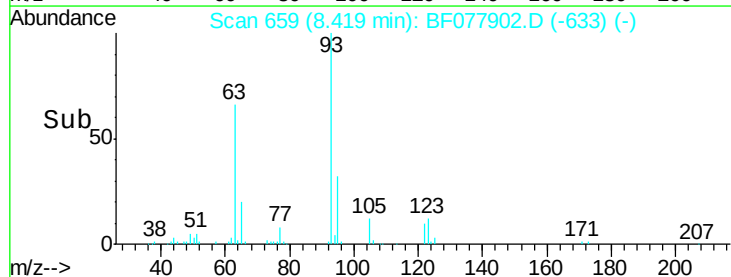
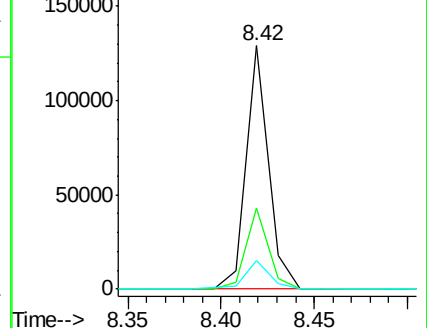
123 11.9 8.6 13.0

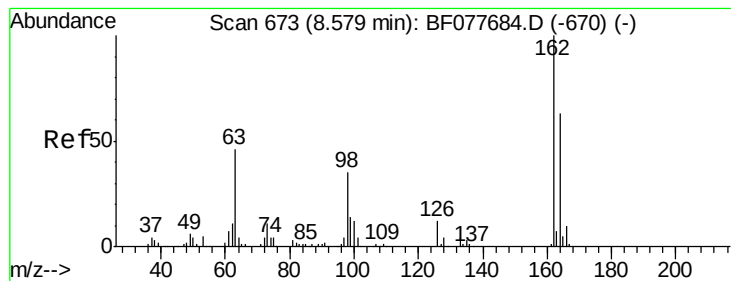


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 34.31 ng

RT: 8.53 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

Instrument :

BNA_F

ClientSampleId :

PB82255BS

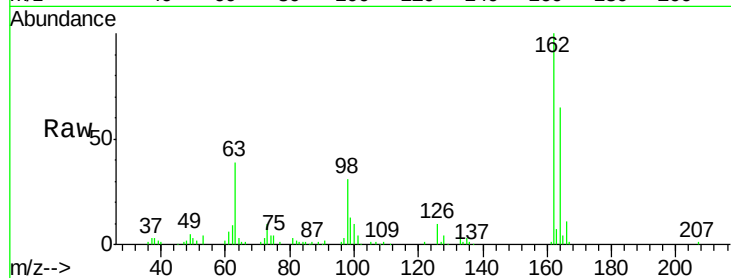
Tgt Ion:162 Resp: 79389

Ion Ratio Lower Upper

162 100

164 65.3 42.8 82.8

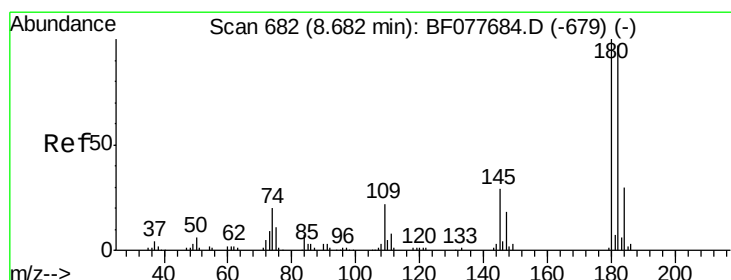
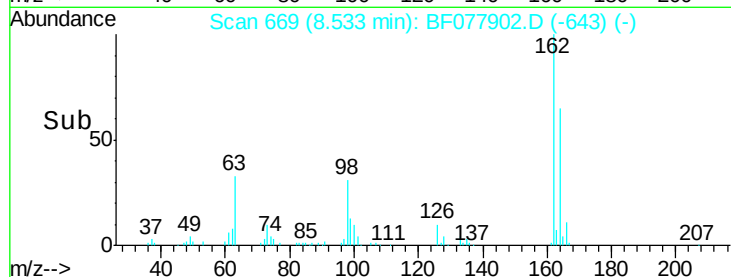
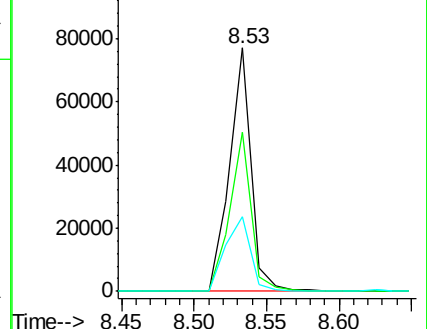
98 30.5 14.5 54.5



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: 32.52 ng

RT: 8.62 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

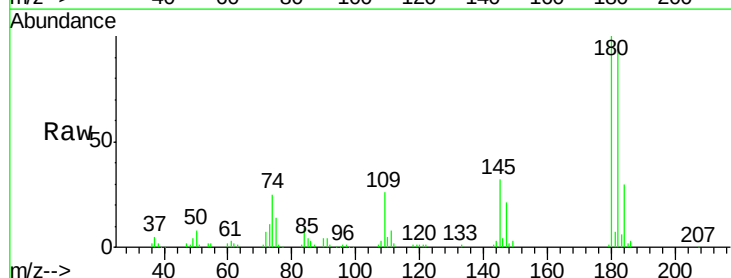
Tgt Ion:180 Resp: 84177

Ion Ratio Lower Upper

180 100

182 94.3 77.6 116.4

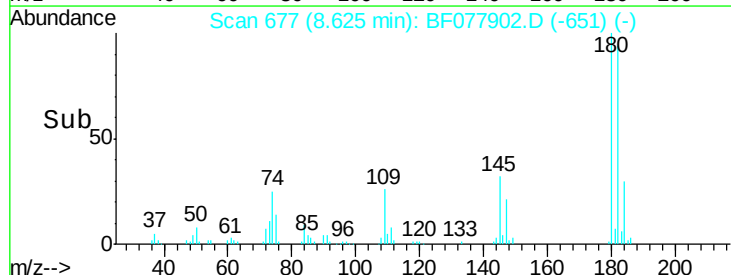
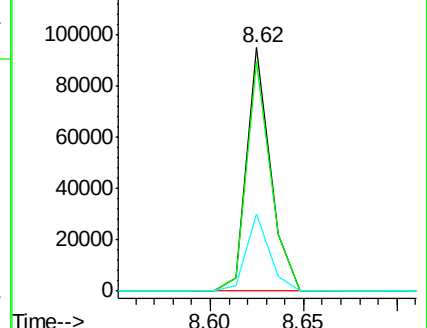
145 31.6 23.4 35.2

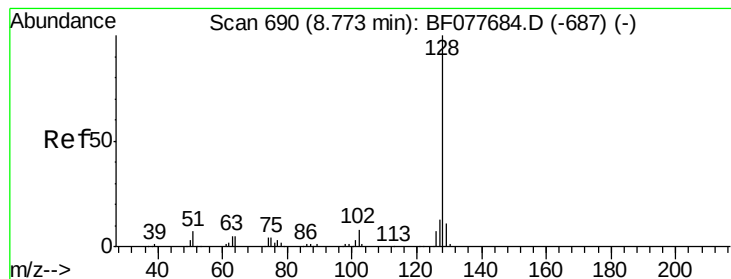


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 33.01 ng

RT: 8.72 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

Instrument :

BNA_F

ClientSampleId :

PB82255BS

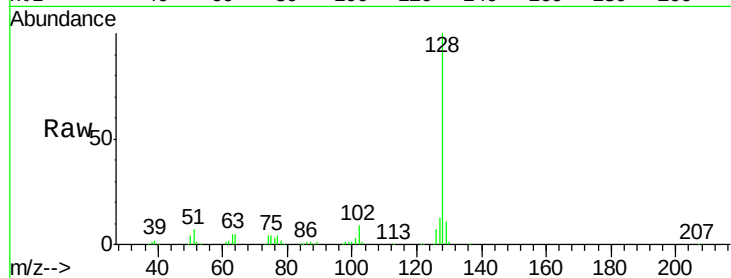
Tgt Ion:128 Resp: 280699

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

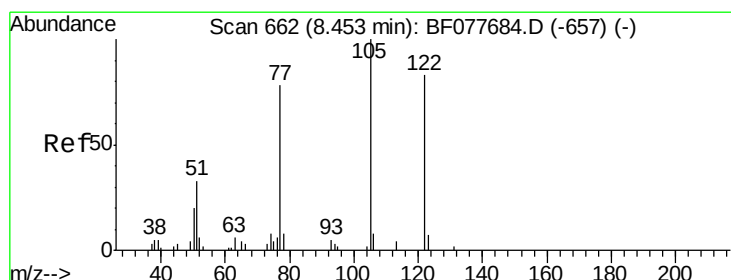
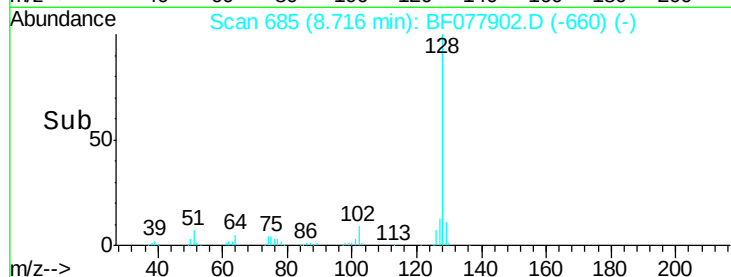
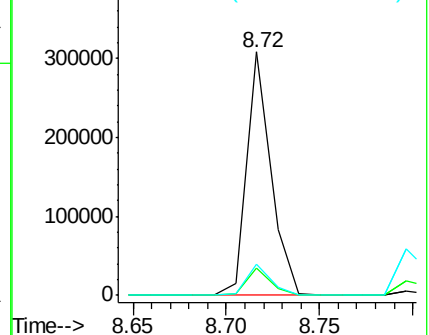
127 12.5 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 26.91 ng

RT: 8.42 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

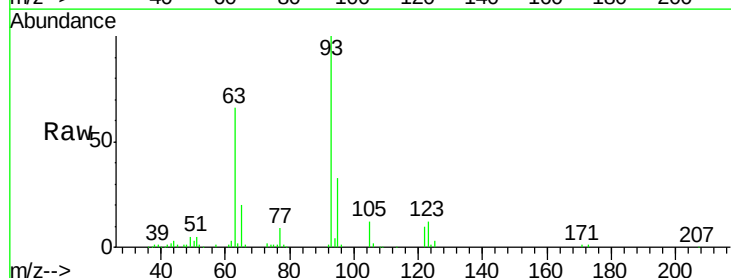
Tgt Ion:122 Resp: 34465

Ion Ratio Lower Upper

122 100

105 117.6 99.9 139.9

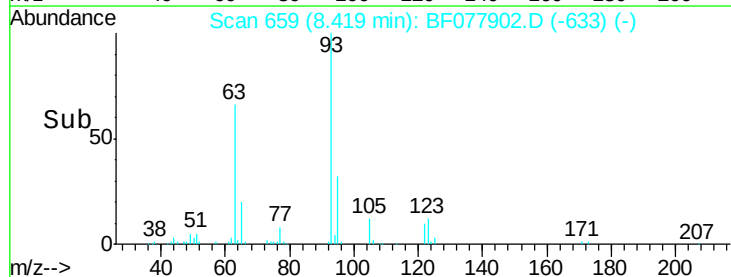
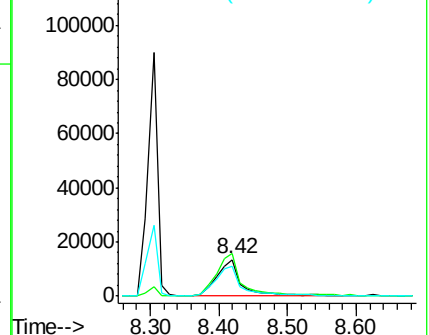
77 82.1 73.7 113.7

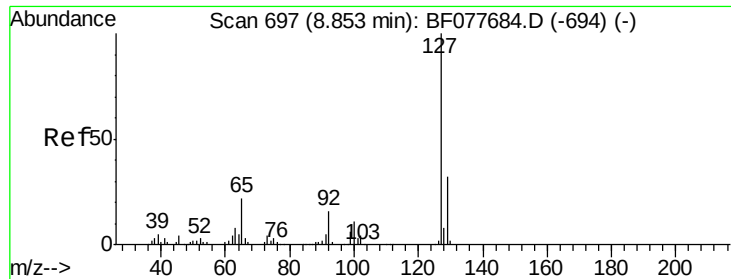


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

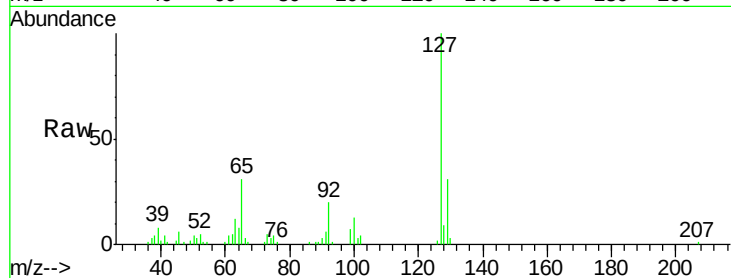




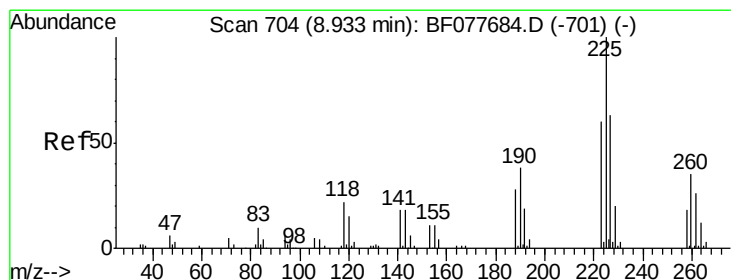
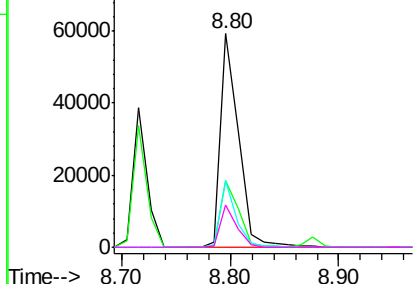
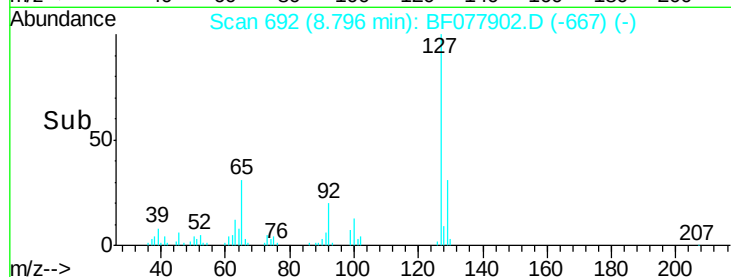
#33
4-Chloroaniline
Concen: 19.85 ng
RT: 8.80 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF077902.D
Acq: 23 Mar 2015 18:54

Instrument :
BNA_F
ClientSampleId :
PB82255BS

Tgt Ion:	127	Resp:	68522
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.3	37.9
65	31.0	17.6	26.4
92	19.6	13.1	19.7

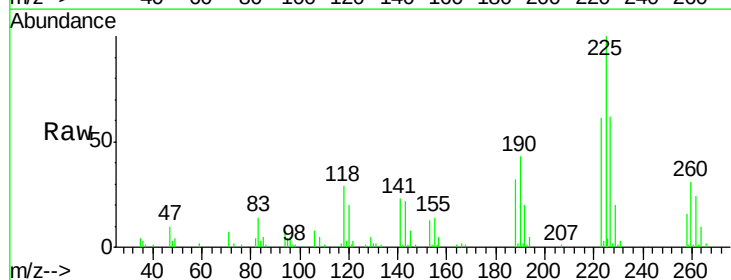


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

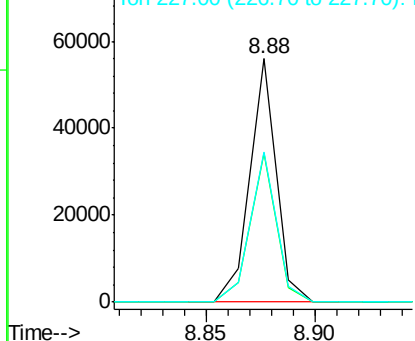
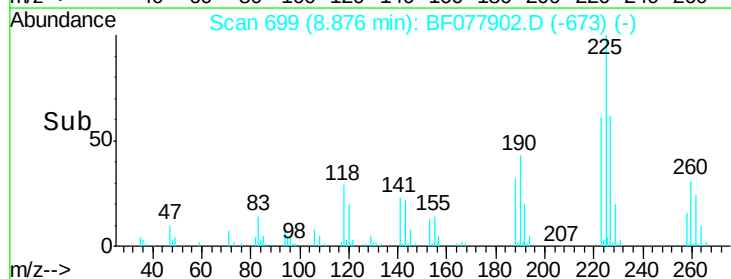


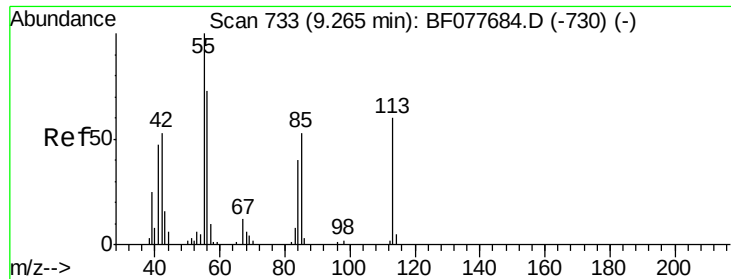
#34
Hexachlorobutadiene
Concen: 32.19 ng
RT: 8.88 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF077902.D
Acq: 23 Mar 2015 18:54

Tgt Ion:	225	Resp:	47224
Ion	Ratio	Lower	Upper
225	100		
223	61.4	47.9	71.9
227	61.9	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

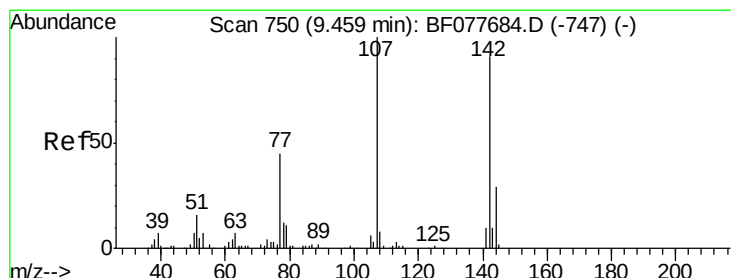
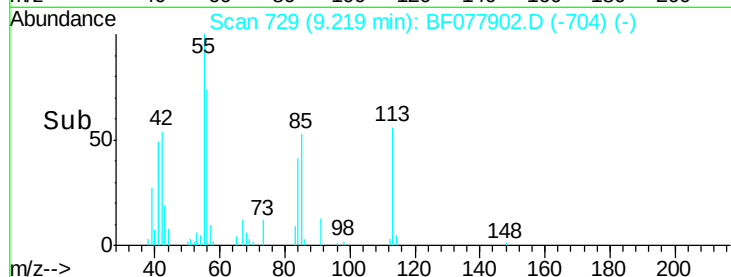
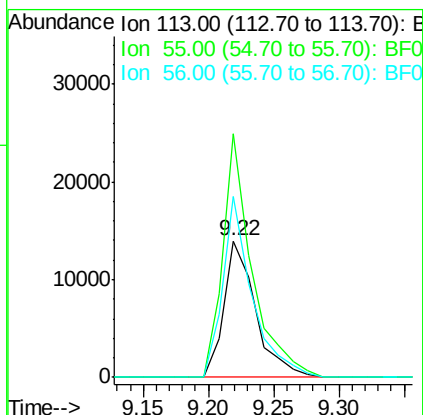
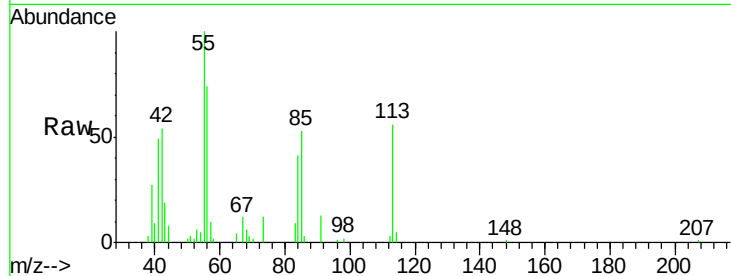




#35
 Caprolactam
 Concen: 35.06 ng
 RT: 9.22 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF077902.D
 Acq: 23 Mar 2015 18:54

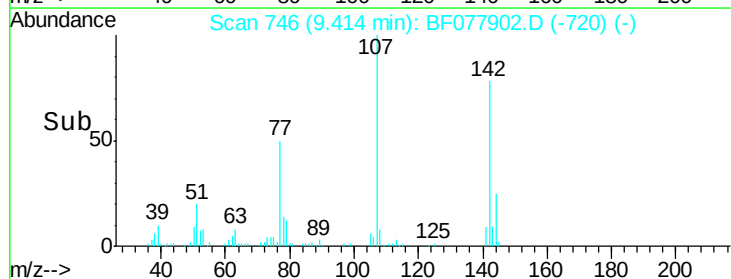
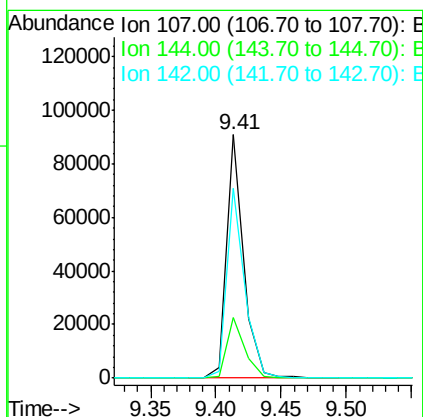
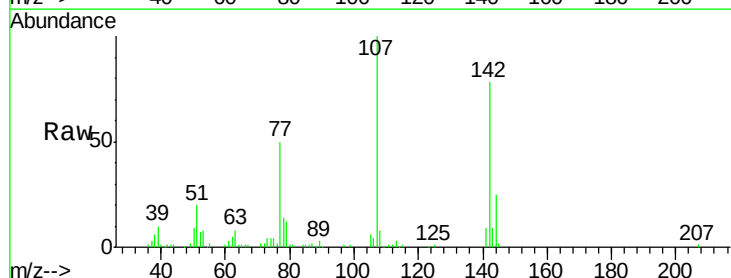
Instrument :
 BNA_F
 ClientSampleId :
 PB82255BS

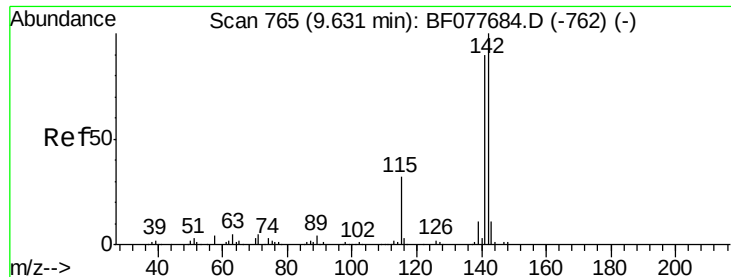
Tgt Ion:113 Resp: 23707
 Ion Ratio Lower Upper
 113 100
 55 178.7 145.9 185.9
 56 133.0 101.0 141.0



#36
 4-Chloro-3-methylphenol
 Concen: 35.59 ng
 RT: 9.41 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF077902.D
 Acq: 23 Mar 2015 18:54

Tgt Ion:107 Resp: 82860
 Ion Ratio Lower Upper
 107 100
 144 25.1 23.3 34.9
 142 77.7 72.6 109.0

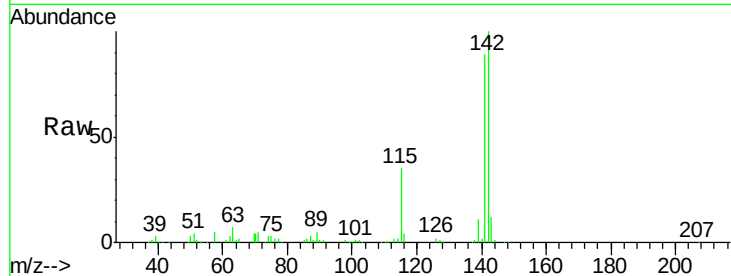




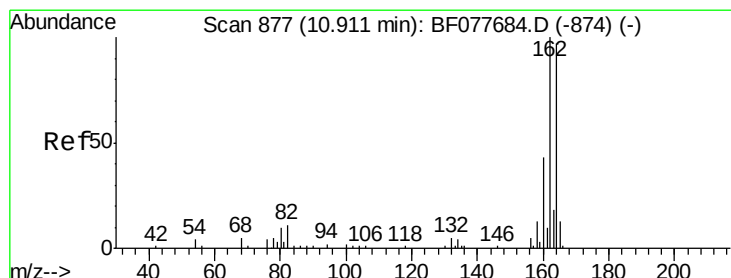
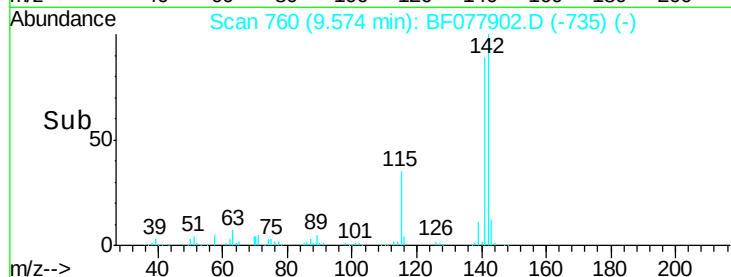
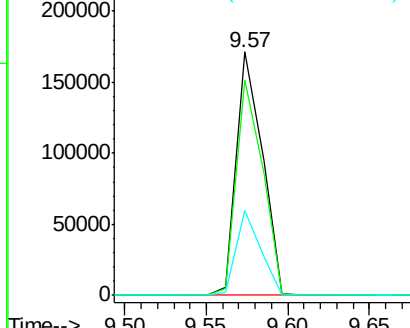
#37
 2-Methylnaphthalene
 Concen: 32.91 ng
 RT: 9.57 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF077902.D
 Acq: 23 Mar 2015 18:54

Instrument :
 BNA_F
 ClientSampleId :
 PB82255BS

Tgt Ion:142 Resp: 188015
 Ion Ratio Lower Upper
 142 100
 141 88.7 71.9 107.9
 115 34.9 25.4 38.0

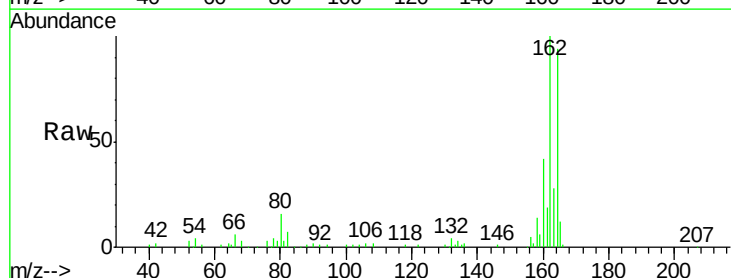


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

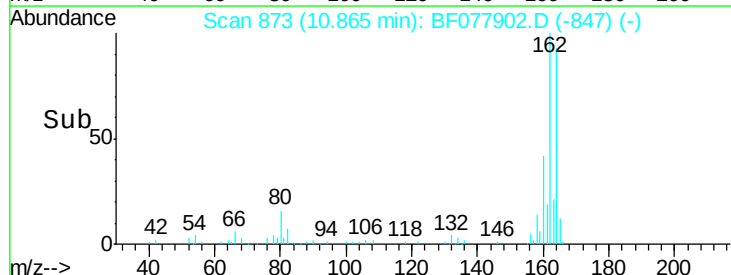
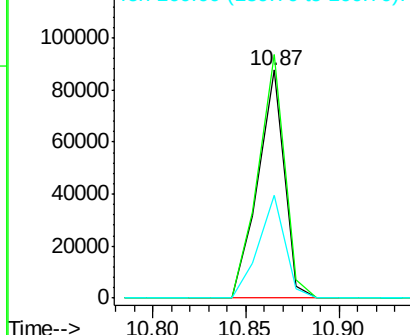


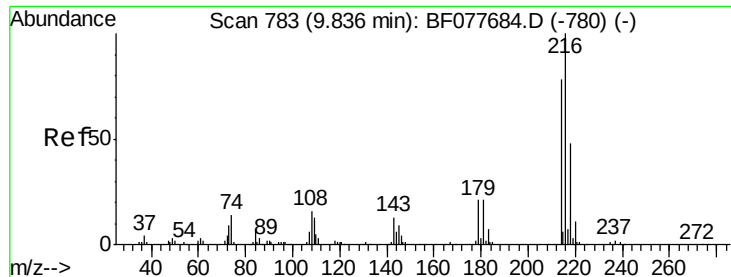
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.87 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: BF077902.D
 Acq: 23 Mar 2015 18:54

Tgt Ion:164 Resp: 85075
 Ion Ratio Lower Upper
 164 100
 162 106.9 82.4 123.6
 160 44.9 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

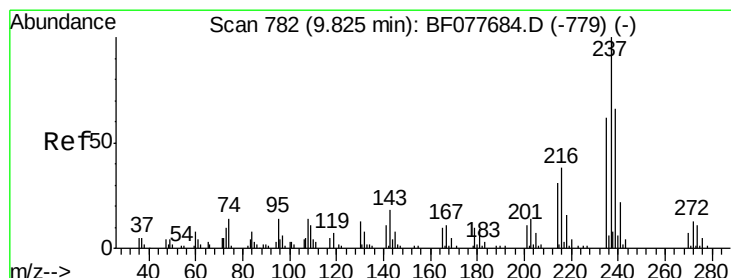
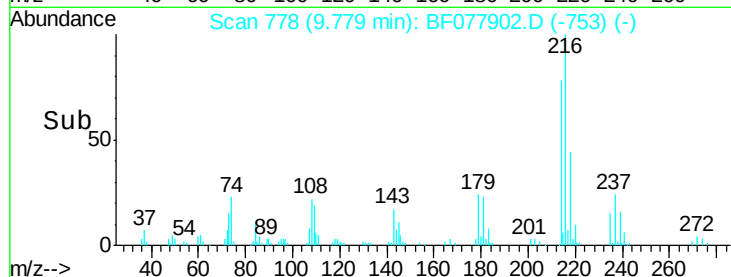
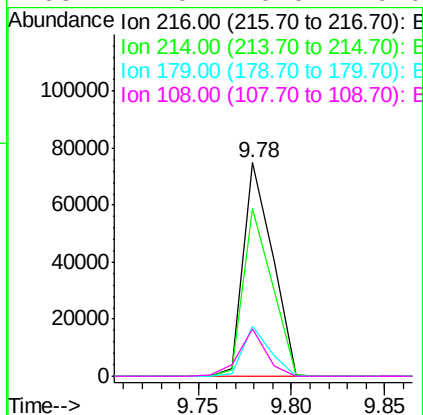
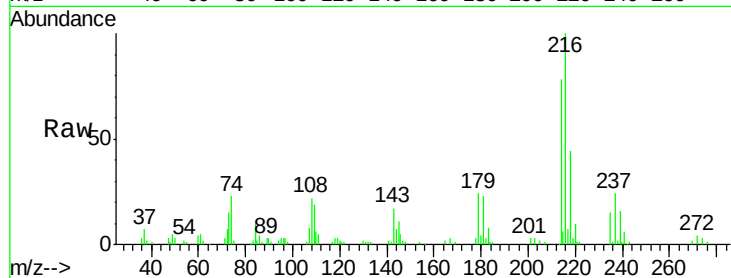




#39
1,2,4,5-Tetrachlorobenzene
Concen: 32.14 ng
RT: 9.78 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF077902.D
Acq: 23 Mar 2015 18:54

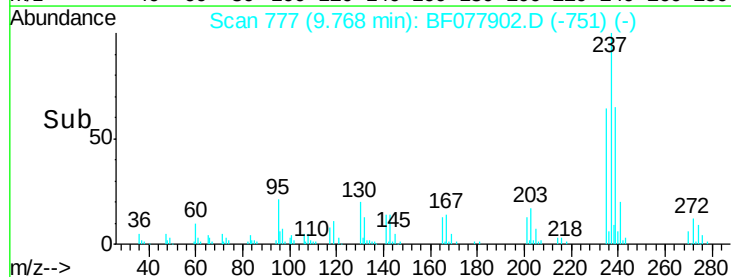
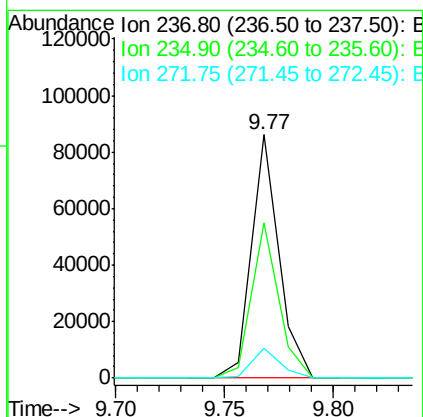
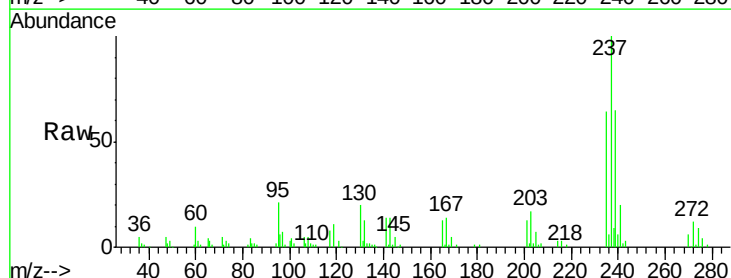
Instrument :
BNA_F
ClientSampleId :
PB82255BS

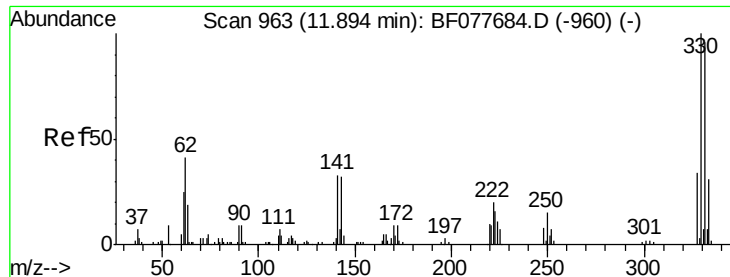
Tgt Ion:	216	Resp:	81544
Ion	Ratio	Lower	Upper
216	100		
214	76.9	0.0	0.0#
179	21.4	0.0	0.0#
108	21.0	0.0	0.0#



#40
Hexachlorocyclopentadiene
Concen: 60.33 ng
RT: 9.77 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF077902.D
Acq: 23 Mar 2015 18:54

Tgt Ion:	237	Resp:	75610
Ion	Ratio	Lower	Upper
237	100		
235	64.0	42.0	82.0
272	12.1	0.0	33.4

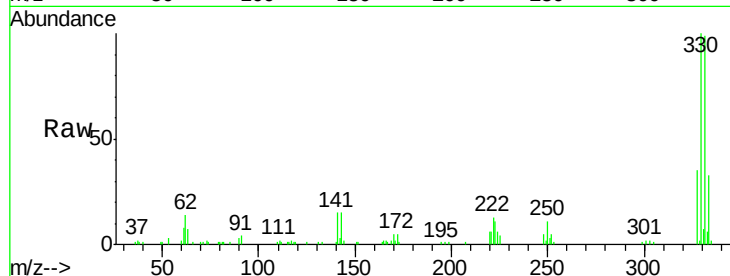




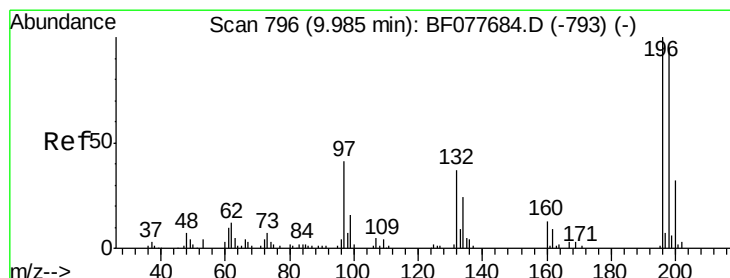
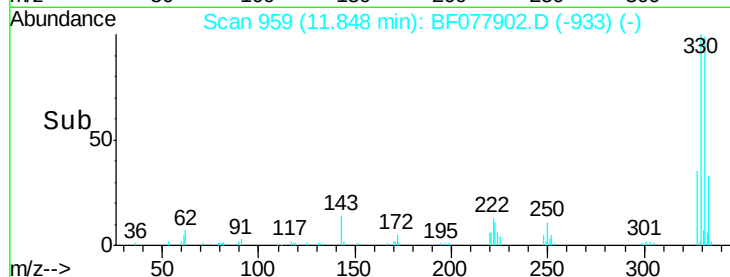
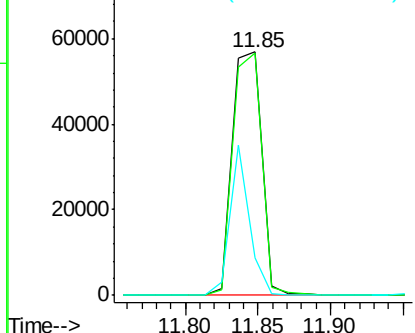
#41
 2,4,6-Tribromophenol
 Concen: 98.47 ng
 RT: 11.85 min Scan# 959
 Delta R.T. 0.00 min
 Lab File: BF077902.D
 Acq: 23 Mar 2015 18:54

Instrument :
 BNA_F
 ClientSampleId :
 PB82255BS

Tgt Ion:330 Resp: 80154
 Ion Ratio Lower Upper
 330 100
 332 97.5 0.0 0.0#
 141 40.4 0.0 0.0#

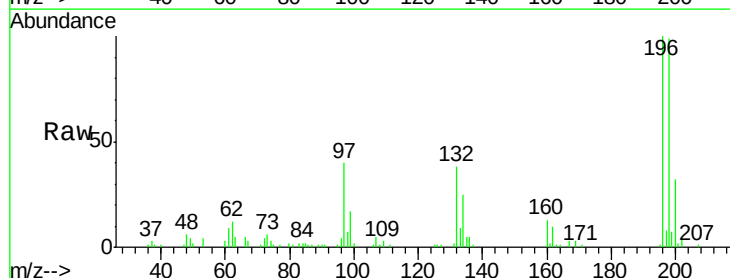


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

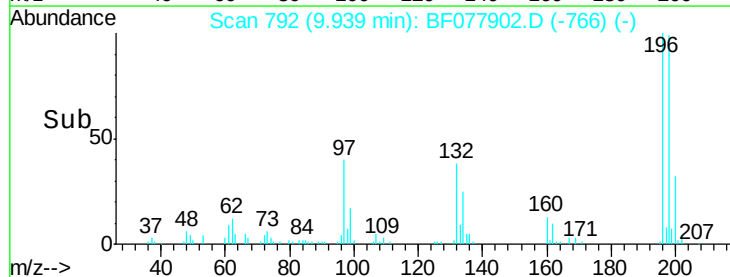
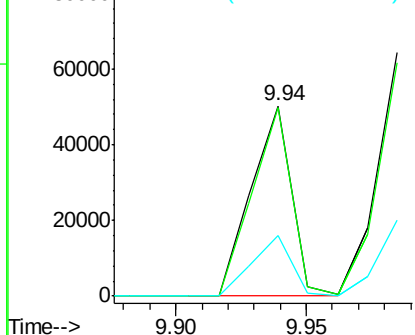


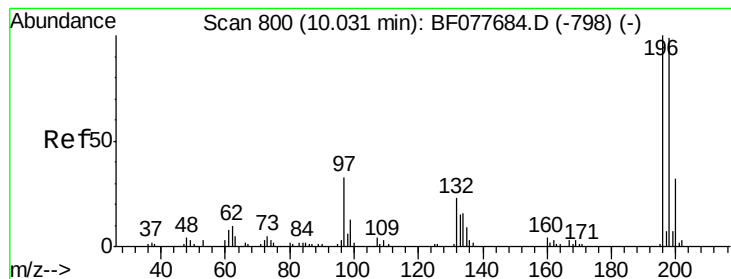
#42
 2,4,6-Trichlorophenol
 Concen: 31.11 ng
 RT: 9.94 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF077902.D
 Acq: 23 Mar 2015 18:54

Tgt Ion:196 Resp: 54682
 Ion Ratio Lower Upper
 196 100
 198 99.3 76.3 114.5
 200 32.1 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: 32.66 ng

RT: 9.98 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

Instrument :

BNA_F

ClientSampleId :

PB82255BS

Tgt Ion:196 Resp: 62021

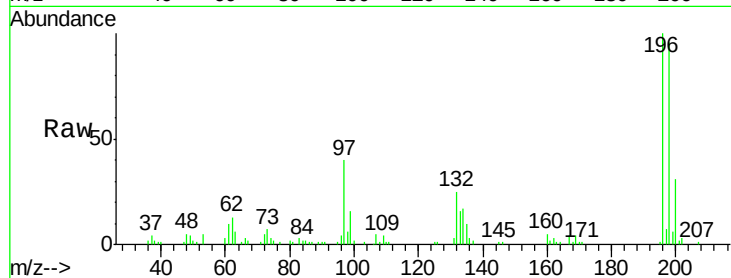
Ion Ratio Lower Upper

196 100

198 95.8 79.4 119.0

97 40.4 26.8 40.2#

132 25.2 18.6 28.0

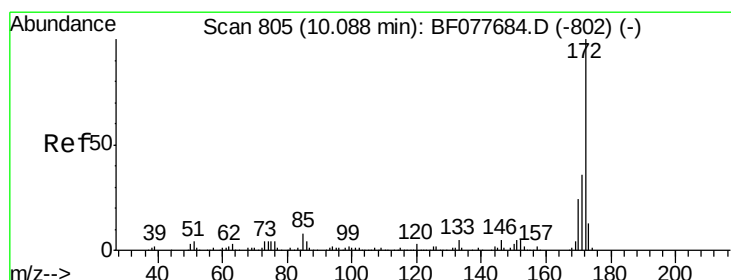
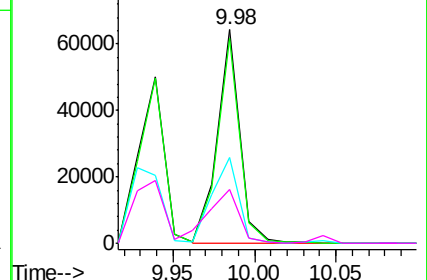
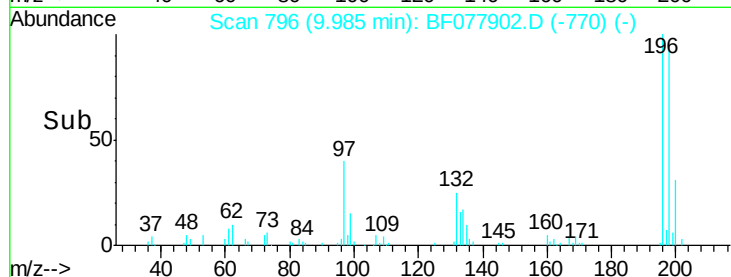


Abundance Ion 196.00 (195.70 to 196.70): E

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: 70.76 ng

RT: 10.04 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

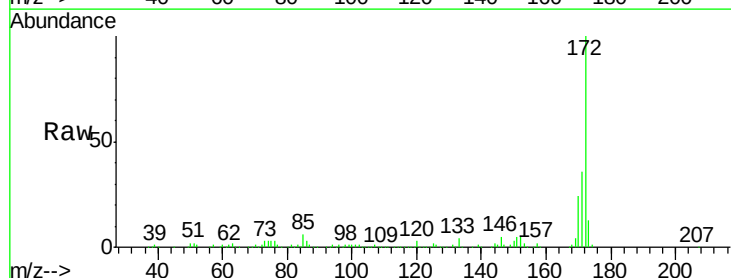
Tgt Ion:172 Resp: 409642

Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

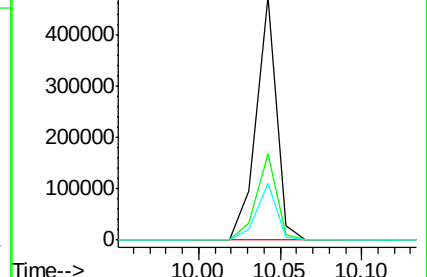
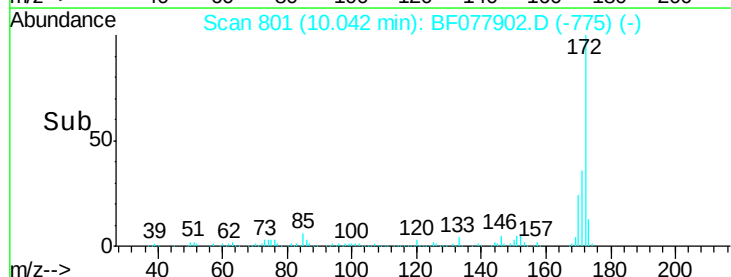
170 23.5 18.8 28.2

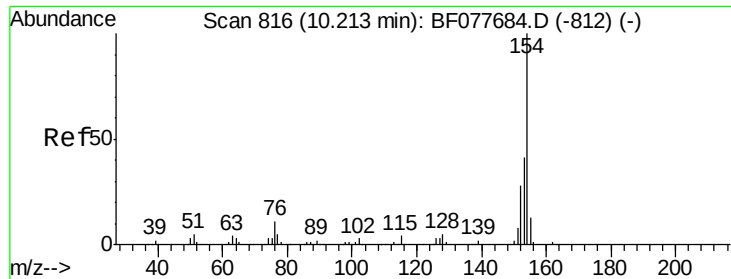


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 32.20 ng

RT: 10.16 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

Instrument :

BNA_F

ClientSampleId :

PB82255BS

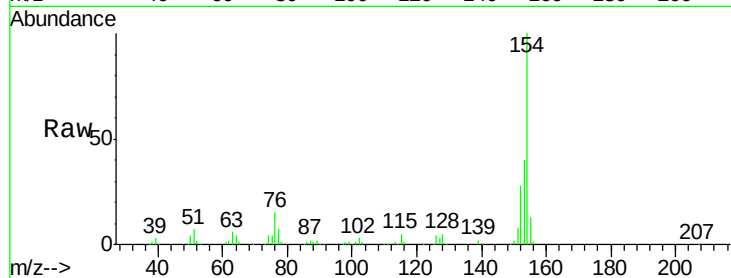
Tgt Ion:154 Resp: 218989

Ion Ratio Lower Upper

154 100

153 40.3 20.7 60.7

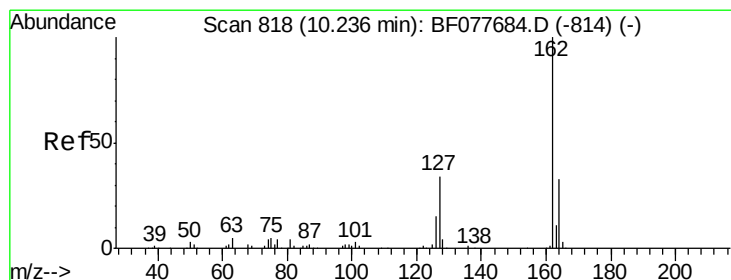
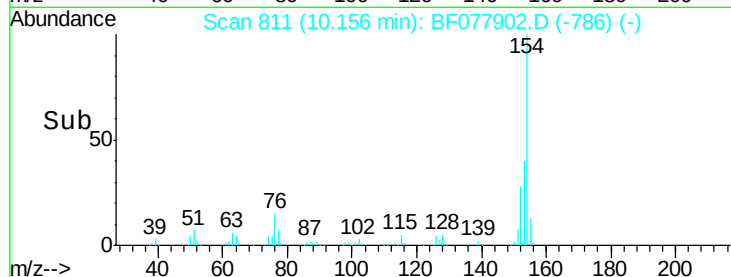
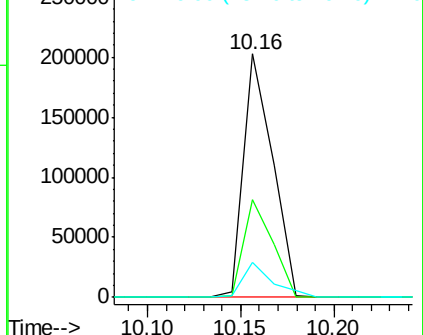
76 14.6 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 33.37 ng

RT: 10.18 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

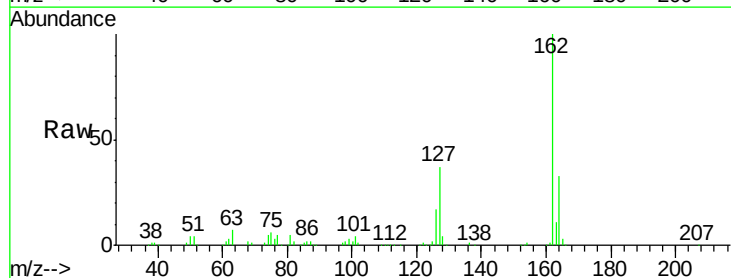
Tgt Ion:162 Resp: 184444

Ion Ratio Lower Upper

162 100

127 37.3 26.9 40.3

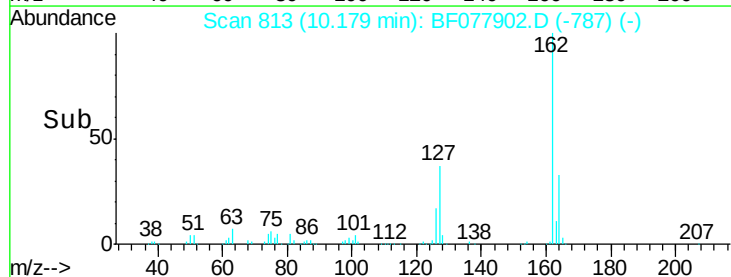
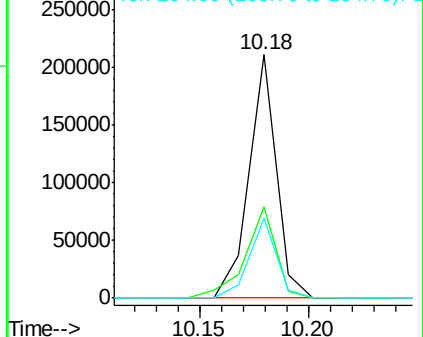
164 32.5 26.8 40.2

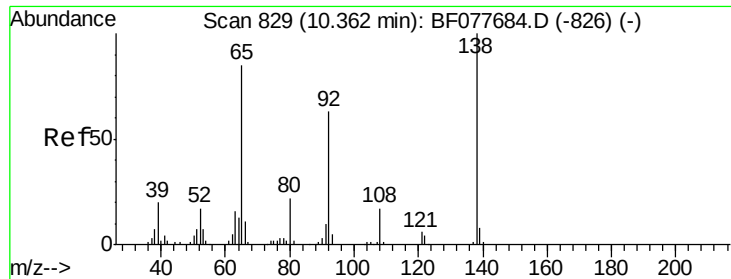


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

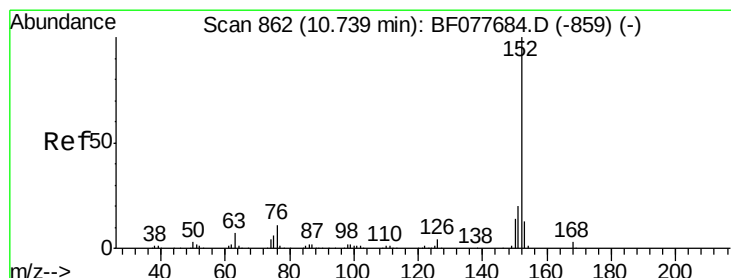
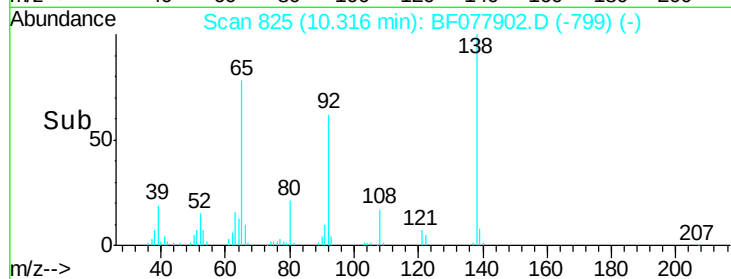
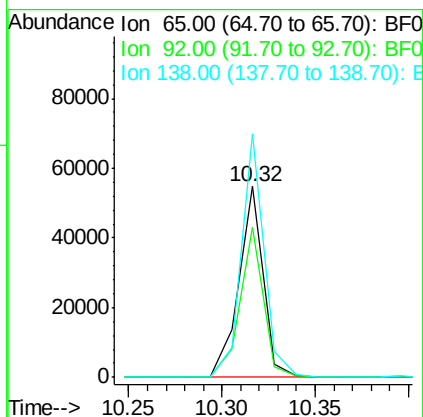
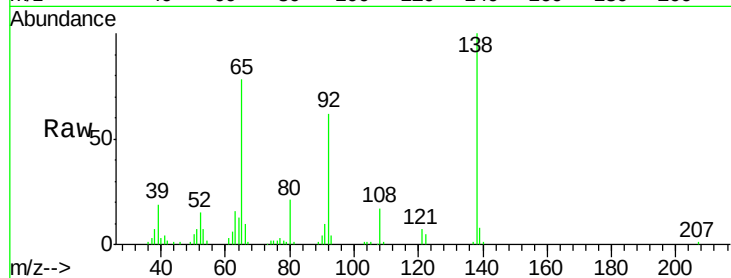




#47
2-Nitroaniline
Concen: 36.43 ng
RT: 10.32 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF077902.D
Acq: 23 Mar 2015 18:54

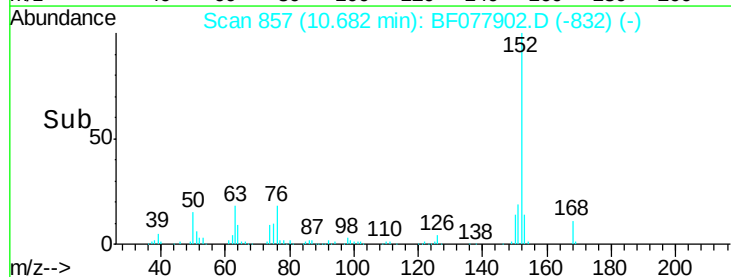
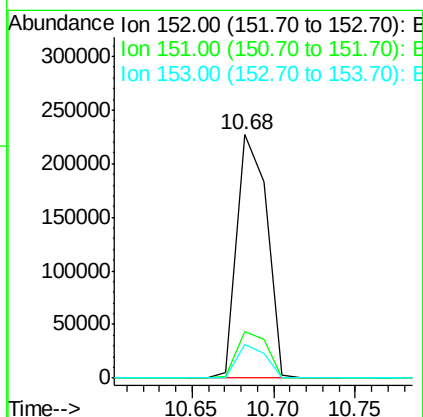
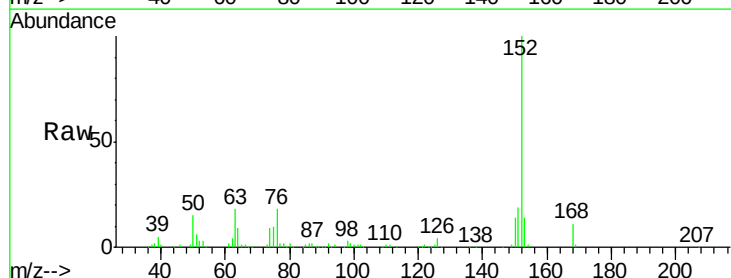
Instrument :
BNA_F
ClientSampleId :
PB82255BS

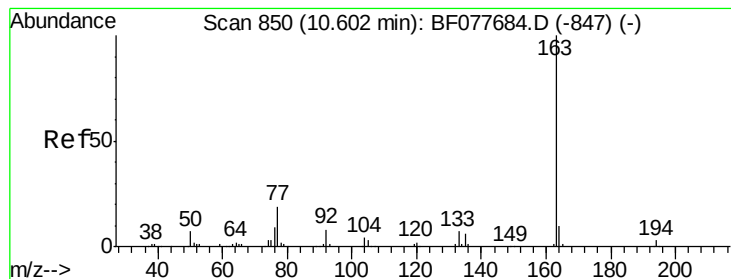
Tgt Ion: 65 Resp: 50009
Ion Ratio Lower Upper
65 100
92 78.5 59.1 88.7
138 127.5 93.9 140.9



#48
Acenaphthylene
Concen: 31.32 ng
RT: 10.68 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF077902.D
Acq: 23 Mar 2015 18:54

Tgt Ion: 152 Resp: 287885
Ion Ratio Lower Upper
152 100
151 19.2 15.9 23.9
153 13.6 10.6 16.0





#49

Dimethylphthalate

Concen: 34.13 ng

RT: 10.56 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

Instrument :

BNA_F

ClientSampleId :

PB82255BS

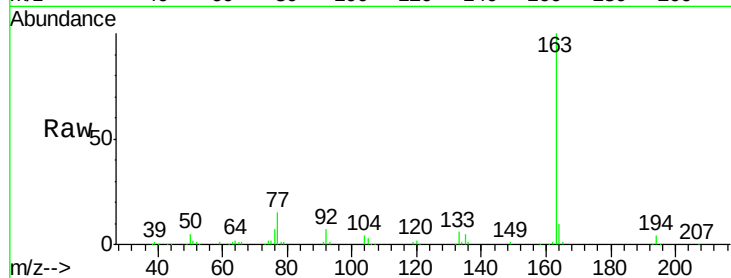
Tgt Ion:163 Resp: 215339

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

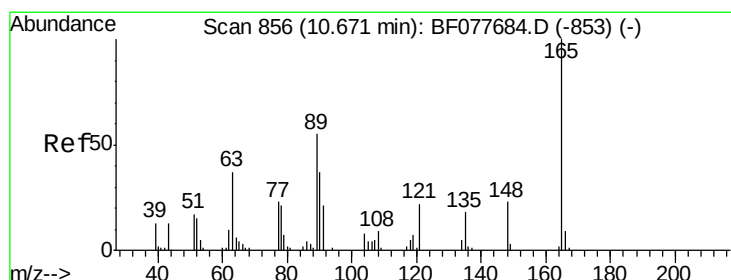
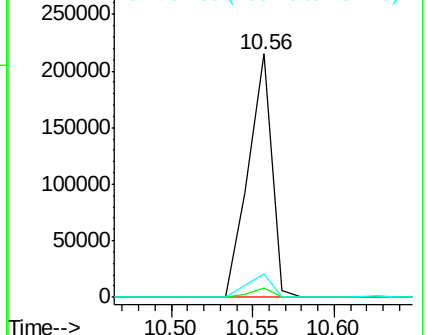
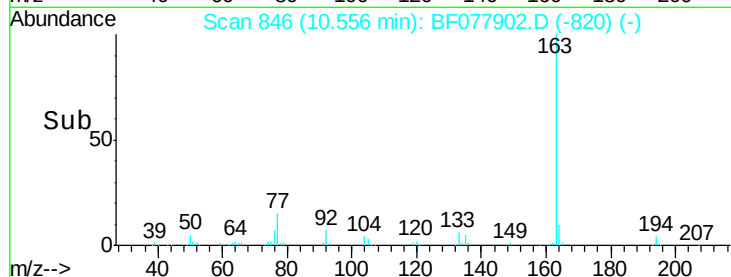
164 9.9 8.2 12.2



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: 36.18 ng

RT: 10.63 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

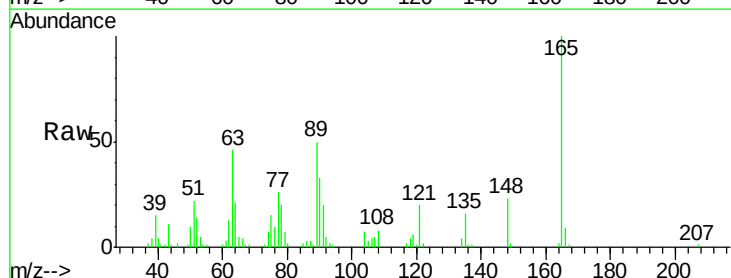
Tgt Ion:165 Resp: 47326

Ion Ratio Lower Upper

165 100

63 46.0 44.1 66.1

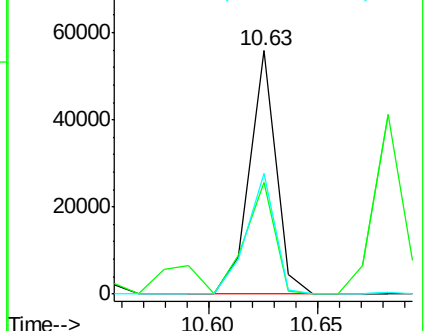
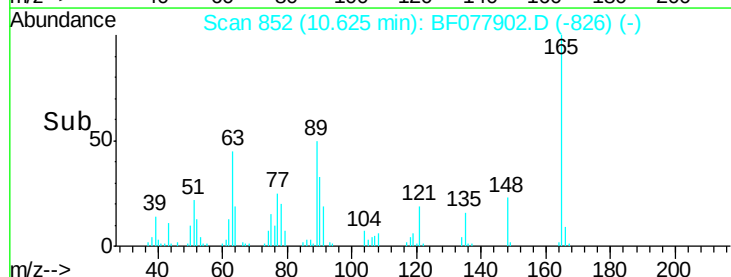
89 49.7 44.3 66.5

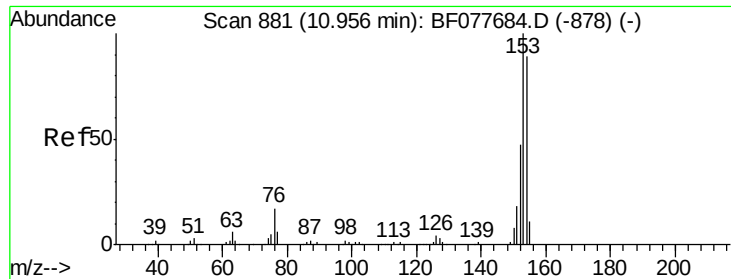


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 31.52 ng

RT: 10.90 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

Instrument :

BNA_F

ClientSampleId :

PB82255BS

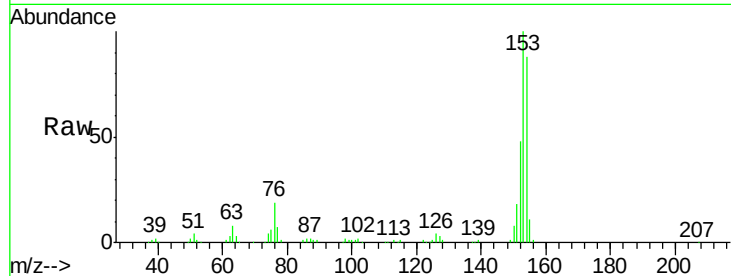
Tgt Ion:154 Resp: 166114

Ion Ratio Lower Upper

154 100

153 113.7 90.0 135.0

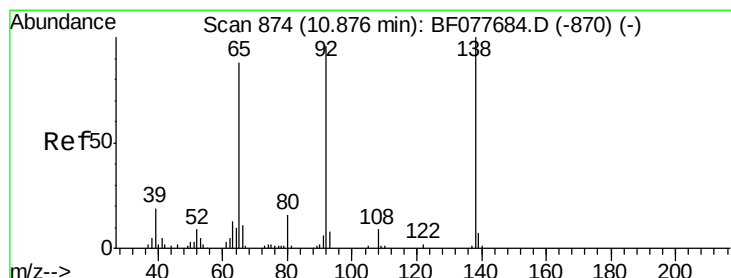
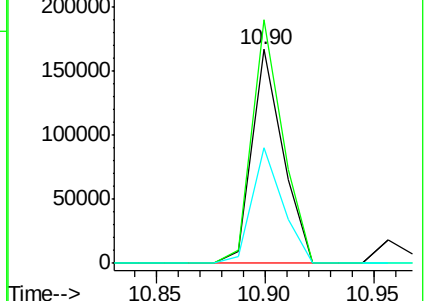
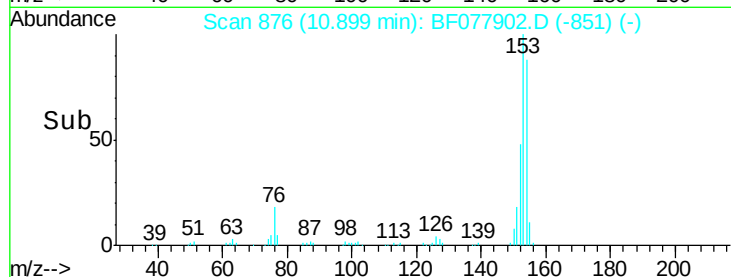
152 54.2 42.6 63.8



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: 25.50 ng

RT: 10.83 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

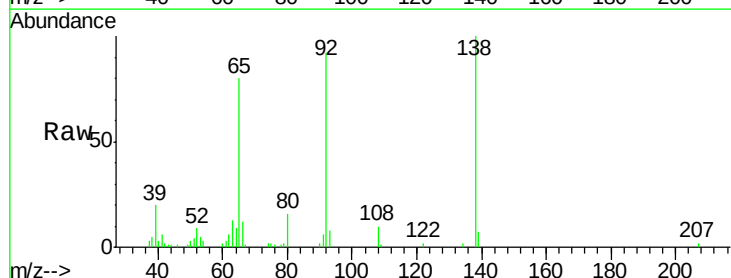
Tgt Ion:138 Resp: 38731

Ion Ratio Lower Upper

138 100

108 9.6 7.3 10.9

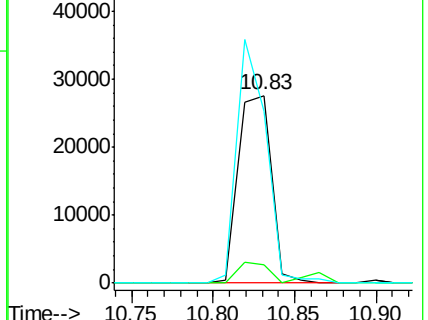
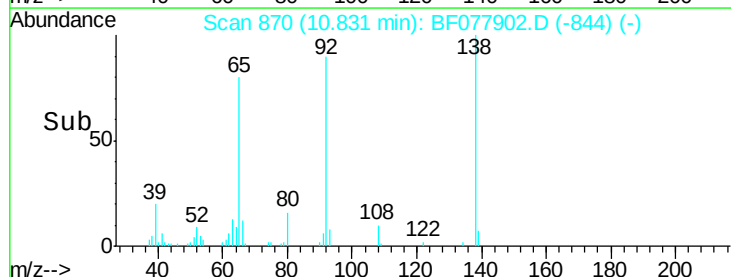
92 91.6 76.6 114.8

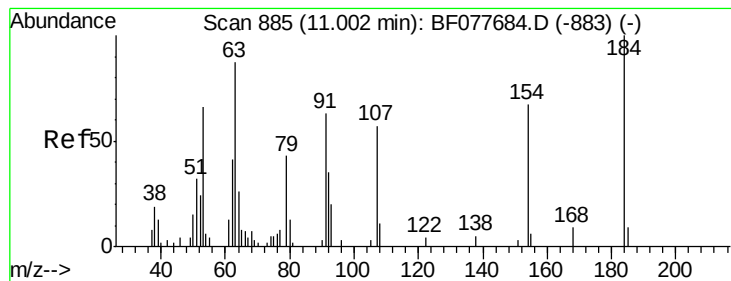


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 66.38 ng

RT: 10.96 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

Instrument :

BNA_F

ClientSampleId :

PB82255BS

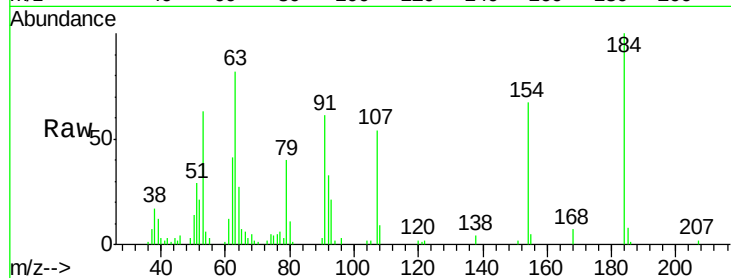
Tgt Ion:184 Resp: 31164

Ion Ratio Lower Upper

184 100

63 81.7 69.2 103.8

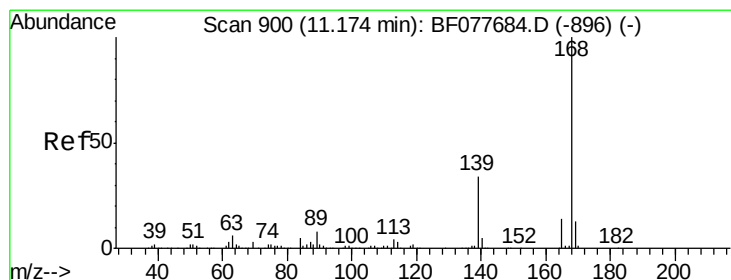
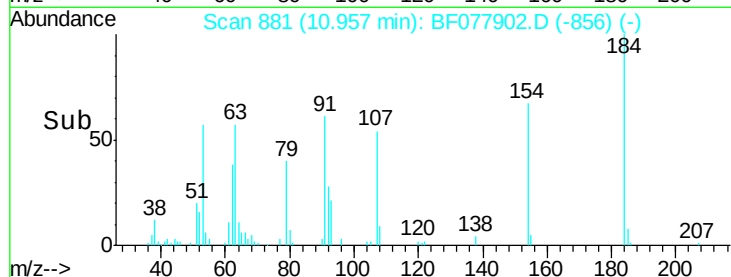
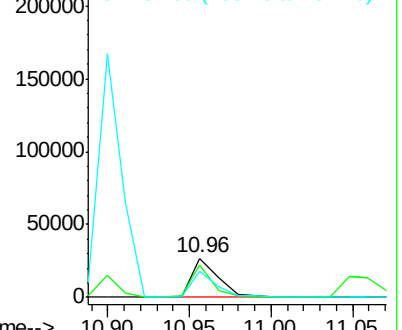
154 66.9 53.3 79.9



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: 33.79 ng

RT: 11.12 min Scan# 895

Delta R.T. 0.00 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

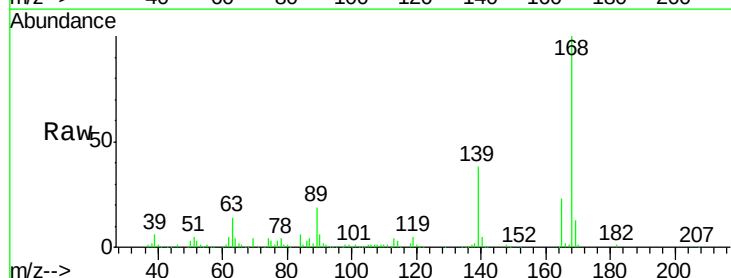
Tgt Ion:168 Resp: 264058

Ion Ratio Lower Upper

168 100

139 37.7 27.3 40.9

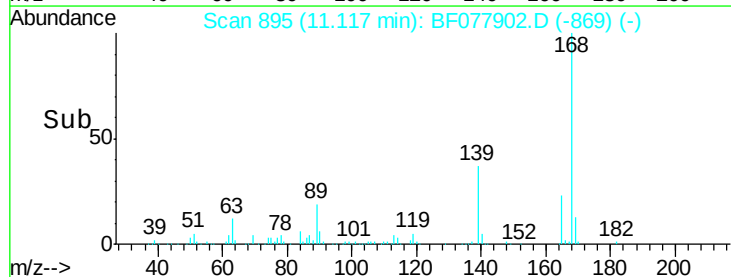
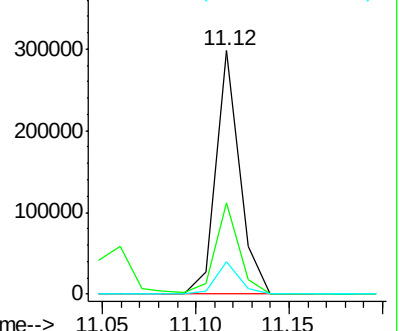
169 13.4 10.6 16.0

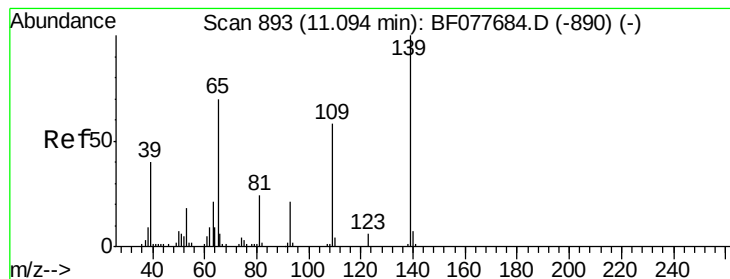


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 68.22 ng

RT: 11.06 min Scan# 890

Delta R.T. 0.00 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

Instrument :

BNA_F

ClientSampleId :

PB82255BS

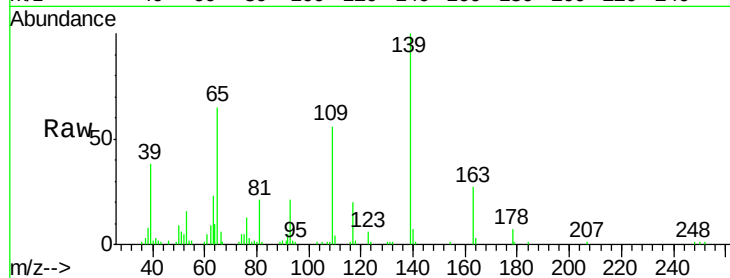
Tgt Ion:139 Resp: 76764

Ion Ratio Lower Upper

139 100

109 56.0 37.7 77.7

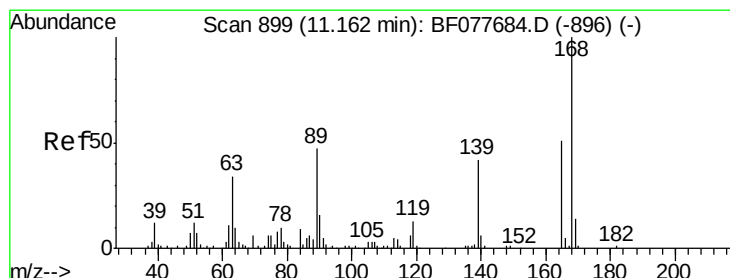
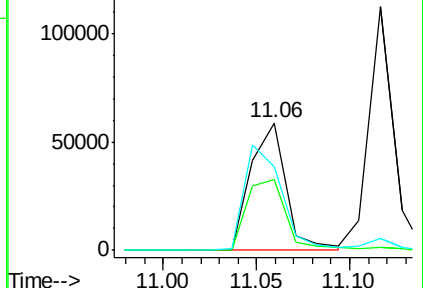
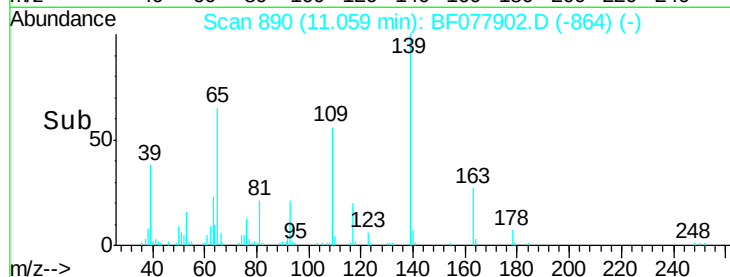
65 65.4 49.9 89.9



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: 36.52 ng

RT: 11.12 min Scan# 895

Delta R.T. 0.00 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

Tgt Ion:165 Resp: 62285

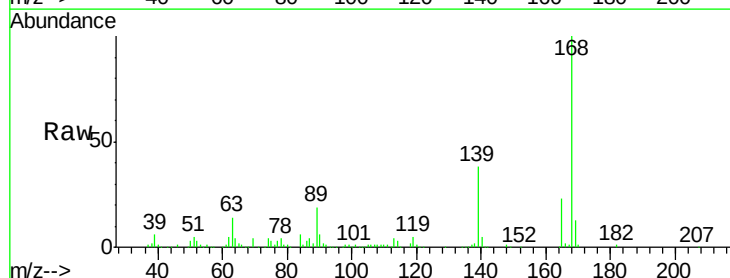
Ion Ratio Lower Upper

165 100

63 61.2 52.4 78.6

89 83.7 72.4 108.6

182 2.3 2.0 3.0

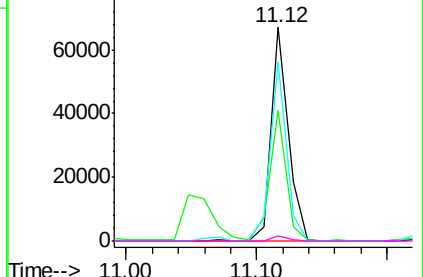
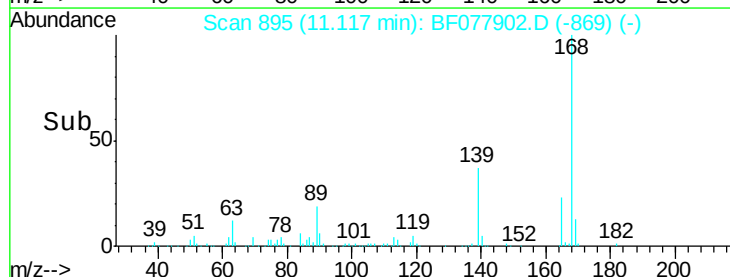


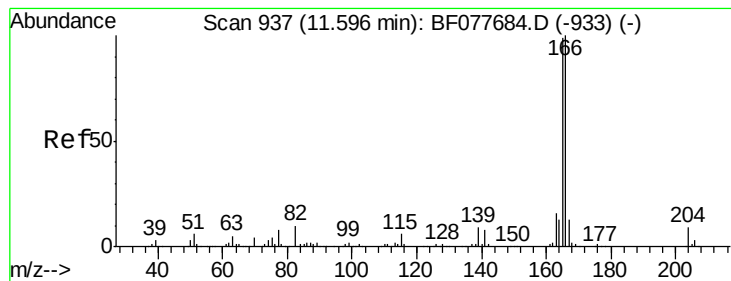
Abundance Ion 165.00 (164.70 to 165.70): E

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: 33.04 ng

RT: 11.54 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

Instrument :

BNA_F

ClientSampleId :

PB82255BS

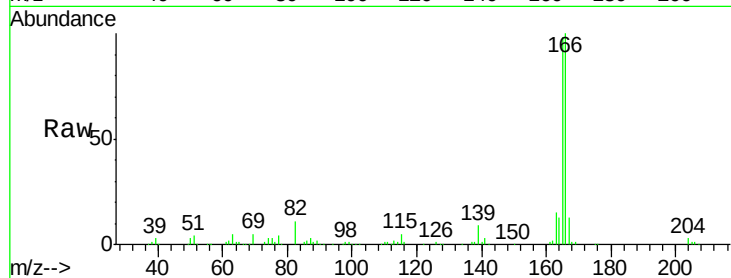
Tgt Ion:166 Resp: 214411

Ion Ratio Lower Upper

166 100

165 98.4 79.0 118.4

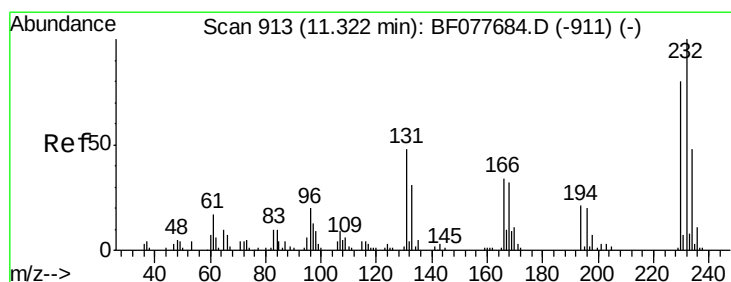
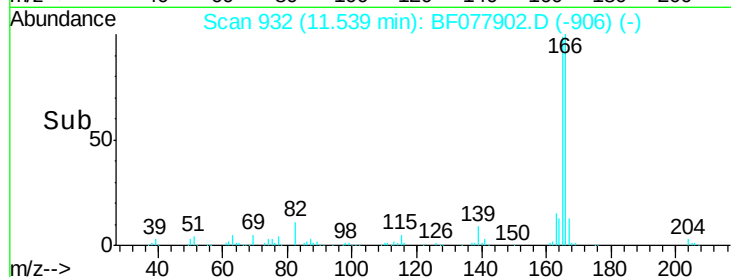
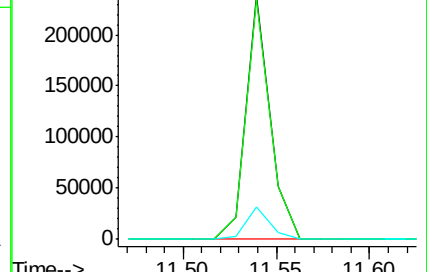
167 13.4 10.3 15.5



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: 33.48 ng

RT: 11.28 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

Tgt Ion:232 Resp: 48952

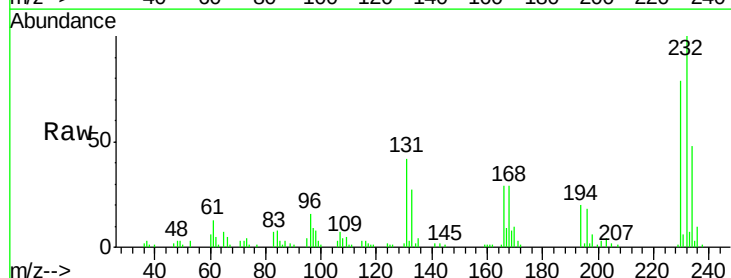
Ion Ratio Lower Upper

232 100

131 48.2 0.0 0.0#

130 2.2 0.0 0.0#

166 31.9 0.0 0.0#

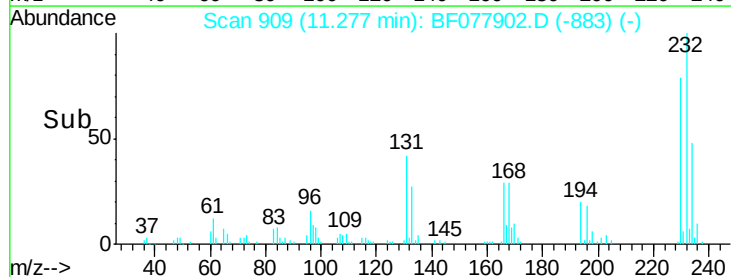
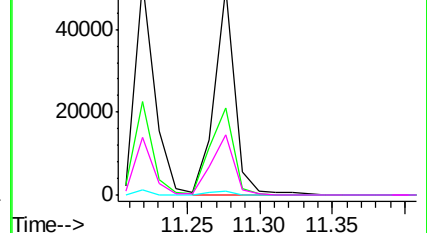


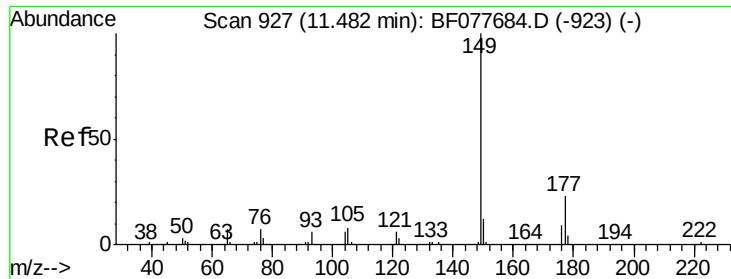
Abundance Ion 232.00 (231.70 to 232.70): E

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

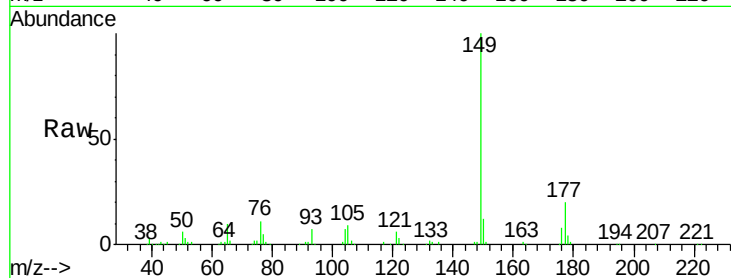




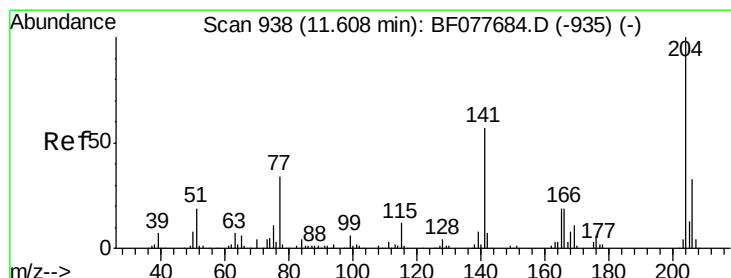
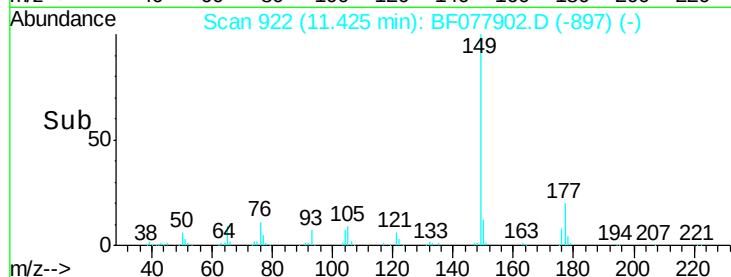
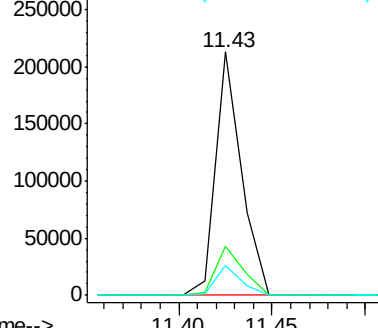
#59
Diethylphthalate
Concen: 33.35 ng
RT: 11.43 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF077902.D
Acq: 23 Mar 2015 18:54

Instrument :
BNA_F
ClientSampleId :
PB82255BS

Tgt Ion:149 Resp: 205036
Ion Ratio Lower Upper
149 100
177 20.3 18.3 27.5
150 12.1 9.8 14.8

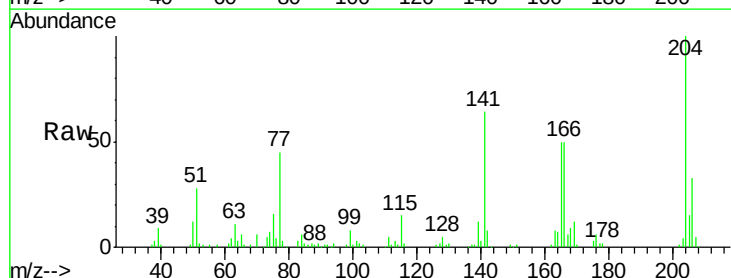


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

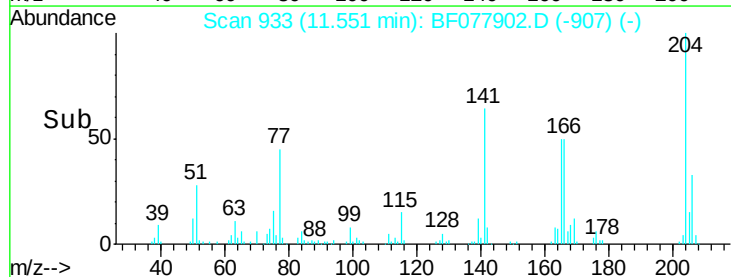
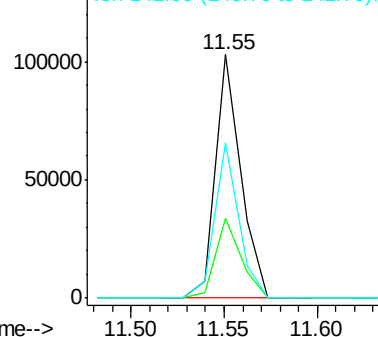


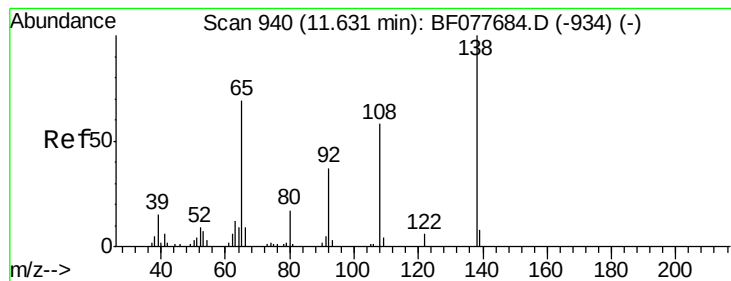
#60
4-Chlorophenyl-phenylether
Concen: 33.16 ng
RT: 11.55 min Scan# 933
Delta R.T. 0.00 min
Lab File: BF077902.D
Acq: 23 Mar 2015 18:54

Tgt Ion:204 Resp: 98218
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 63.7 45.2 67.8



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





#61

4-Nitroaniline

Concen: 33.09 ng

RT: 11.57 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

Instrument :

BNA_F

ClientSampleId :

PB82255BS

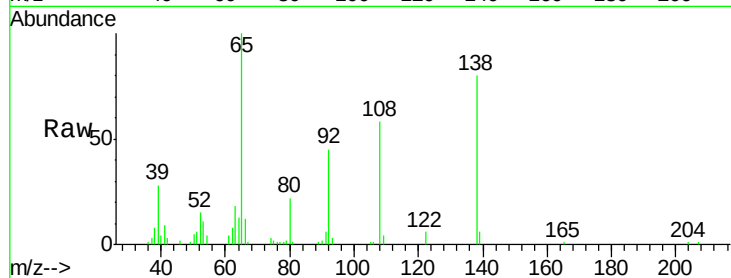
Tgt Ion:138 Resp: 50100

Ion Ratio Lower Upper

138 100

92 56.3 16.7 56.7

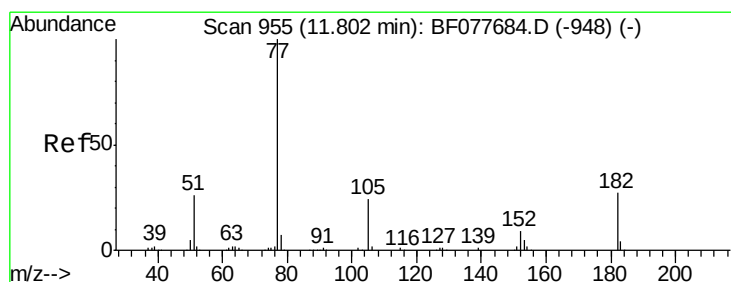
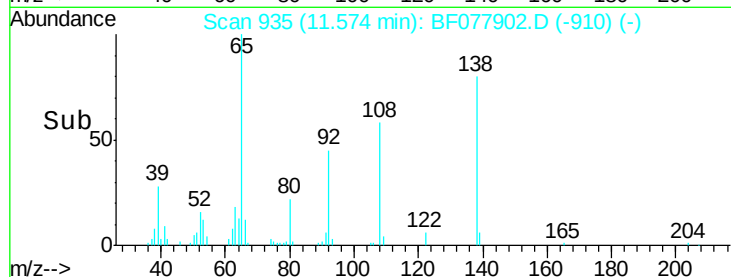
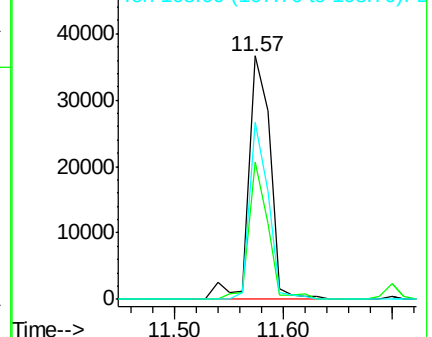
108 72.7 37.6 77.6



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: 34.02 ng

RT: 11.75 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

Tgt Ion: 77 Resp: 199874

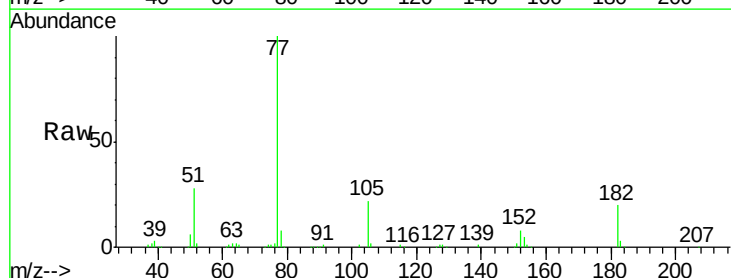
Ion Ratio Lower Upper

77 100

182 20.4 6.5 46.5

105 22.5 3.8 43.8

51 27.7 5.5 45.5

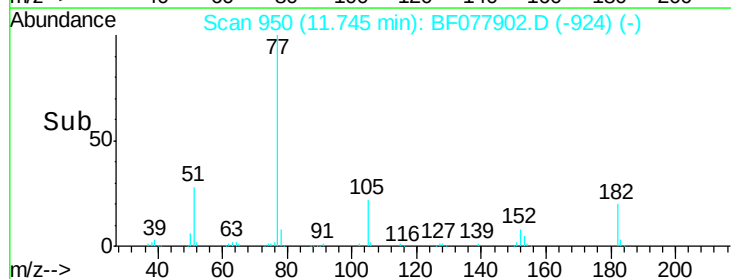
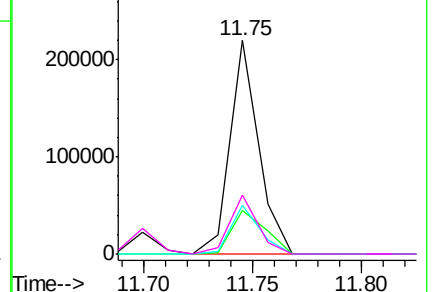


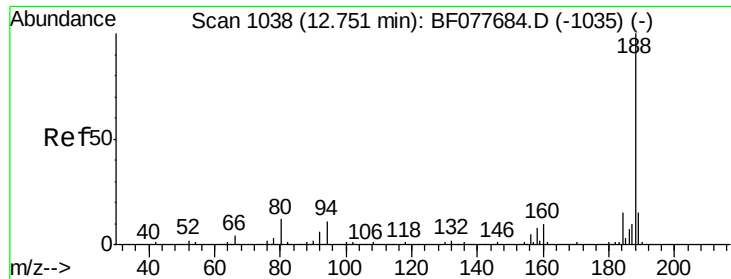
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

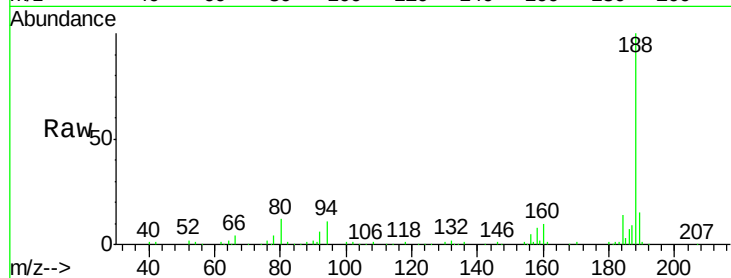




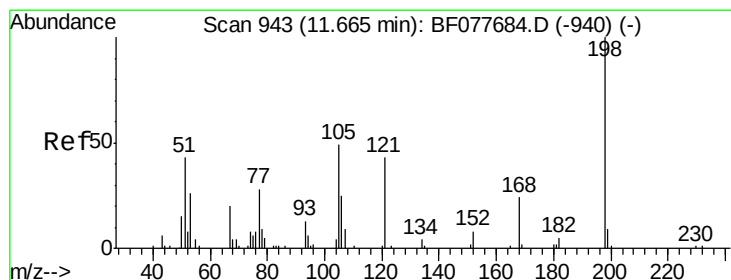
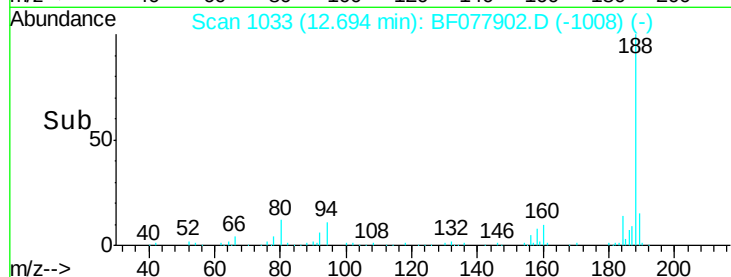
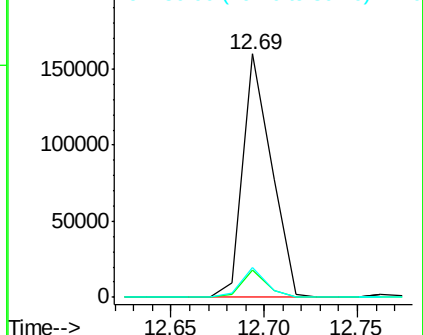
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.69 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF077902.D
Acq: 23 Mar 2015 18:54

Instrument :
BNA_F
ClientSampleId :
PB82255BS

Tgt Ion:188 Resp: 171067
Ion Ratio Lower Upper
188 100
94 11.3 8.7 13.1
80 12.4 9.3 13.9

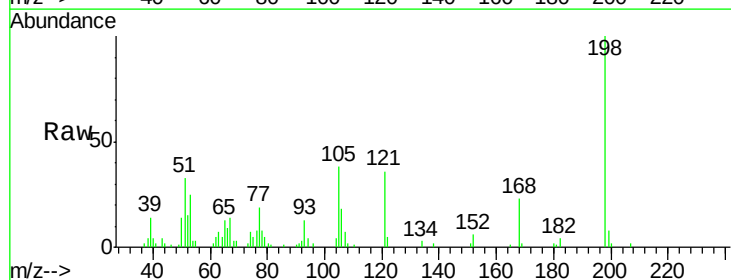


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

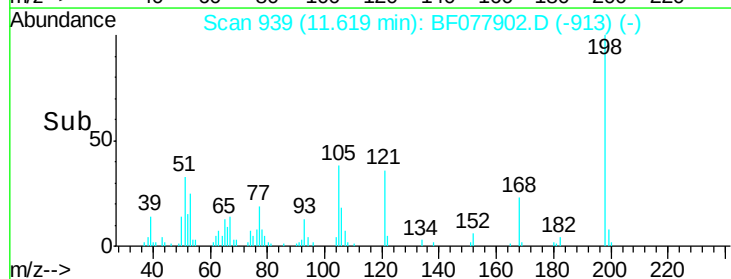
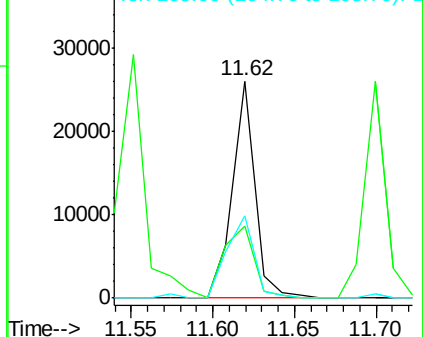


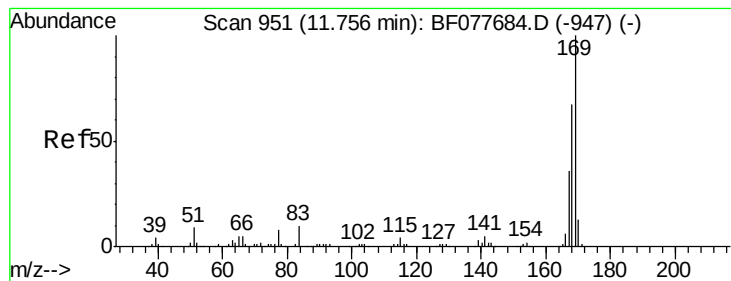
#64
4,6-Dinitro-2-methylphenol
Concen: 32.12 ng
RT: 11.62 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF077902.D
Acq: 23 Mar 2015 18:54

Tgt Ion:198 Resp: 24682
Ion Ratio Lower Upper
198 100
51 33.0 28.8 68.8
105 37.7 30.5 70.5



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





#65

n-Nitrosodiphenylamine

Concen: 32.15 ng

RT: 11.70 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

Instrument :

BNA_F

ClientSampleId :

PB82255BS

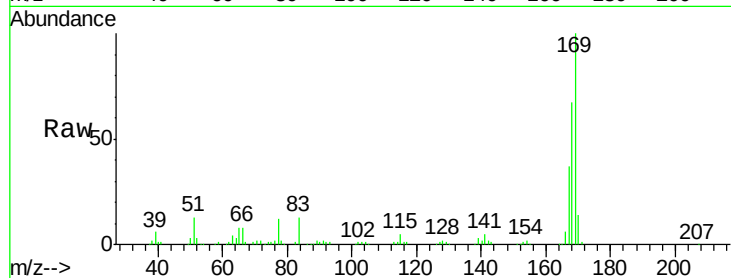
Tgt Ion:169 Resp: 183120

Ion Ratio Lower Upper

169 100

168 67.4 53.9 80.9

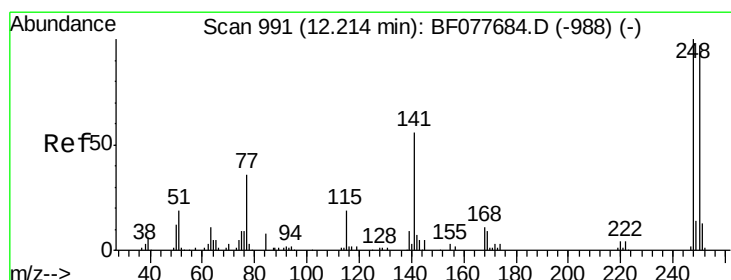
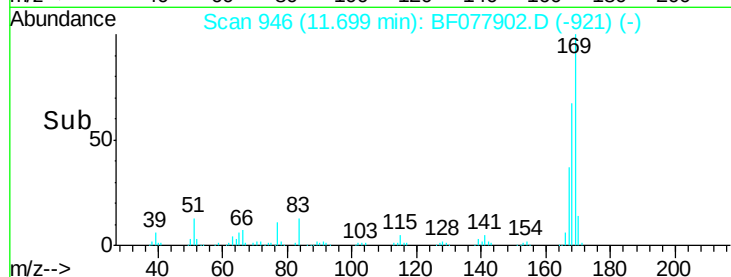
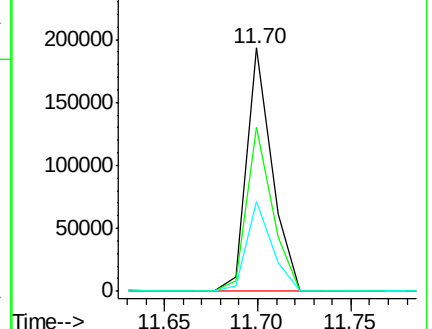
167 36.9 28.9 43.3



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: 31.66 ng

RT: 12.16 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

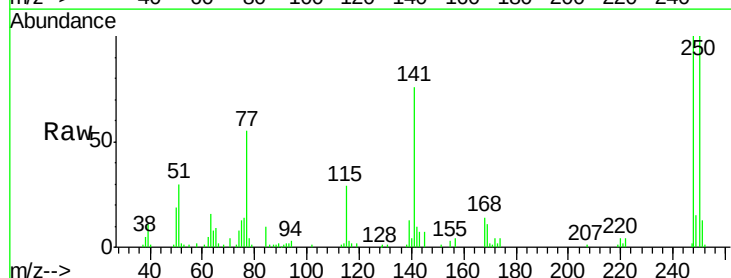
Tgt Ion:248 Resp: 57797

Ion Ratio Lower Upper

248 100

250 99.9 77.4 116.0

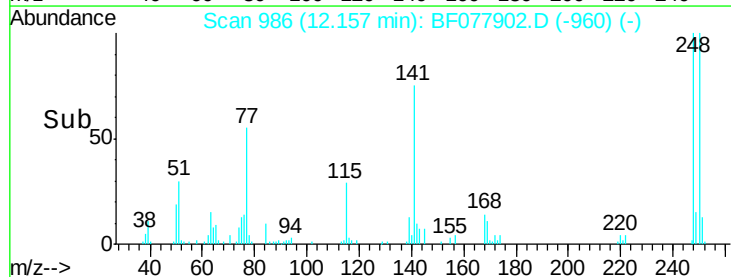
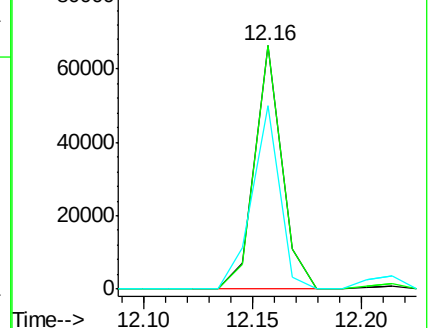
141 75.5 45.2 67.8#

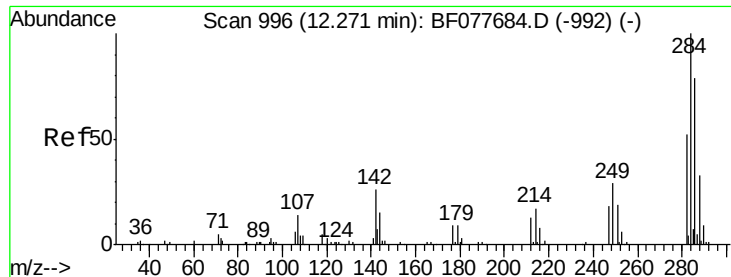


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

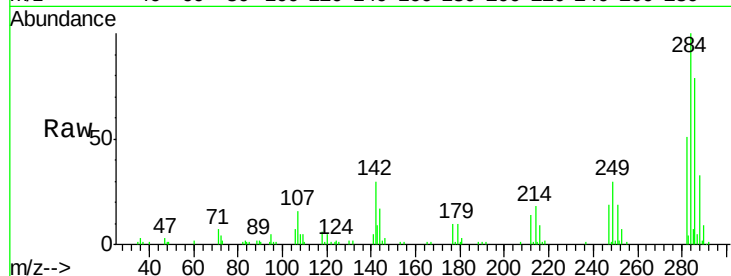




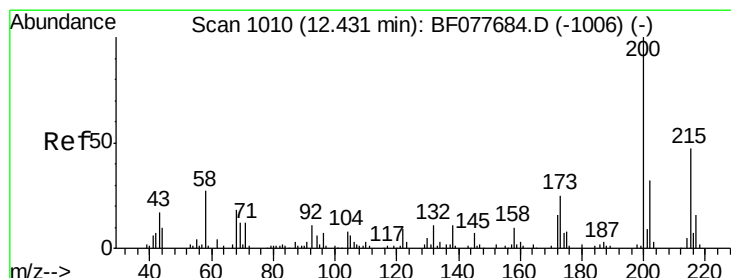
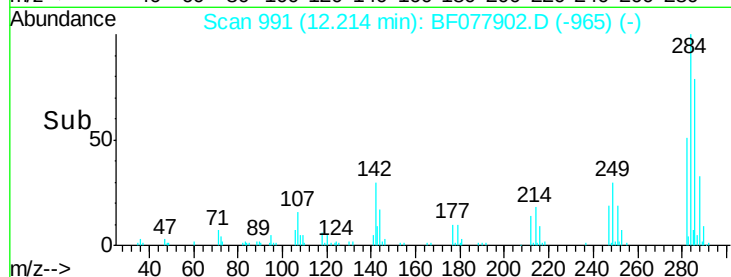
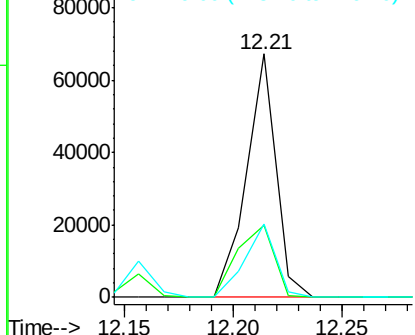
#67
Hexachlorobenzene
Concen: 31.55 ng
RT: 12.21 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF077902.D
Acq: 23 Mar 2015 18:54

Instrument :
BNA_F
ClientSampleId :
PB82255BS

Tgt Ion:284 Resp: 63289
Ion Ratio Lower Upper
284 100
142 29.7 20.4 30.6
249 30.4 23.8 35.6

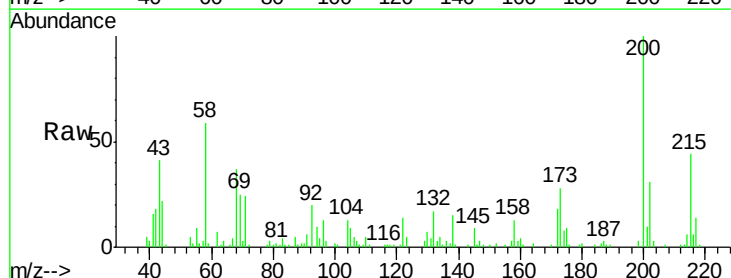


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

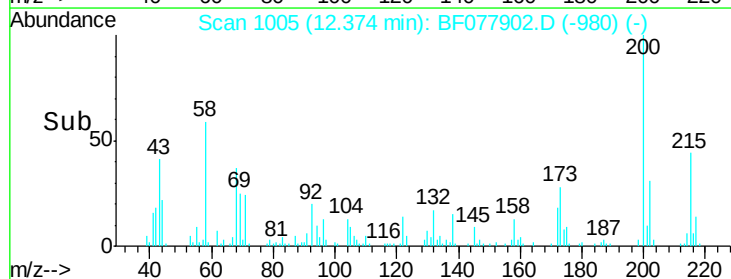
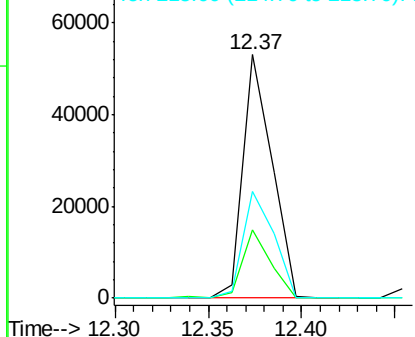


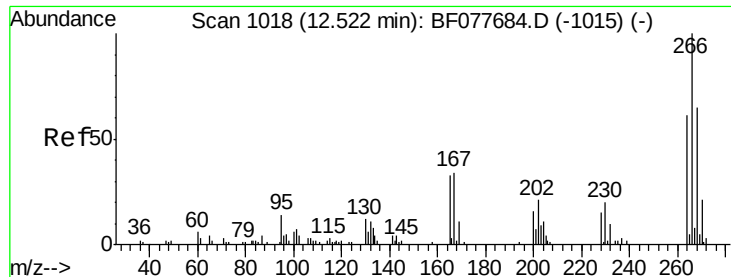
#68
Atrazine
Concen: 36.07 ng
RT: 12.37 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF077902.D
Acq: 23 Mar 2015 18:54

Tgt Ion:200 Resp: 57586
Ion Ratio Lower Upper
200 100
173 28.0 4.8 44.8
215 43.8 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

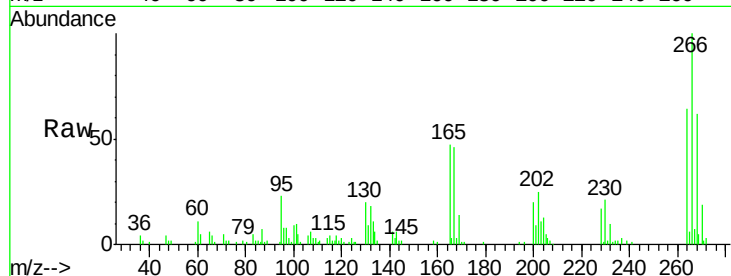




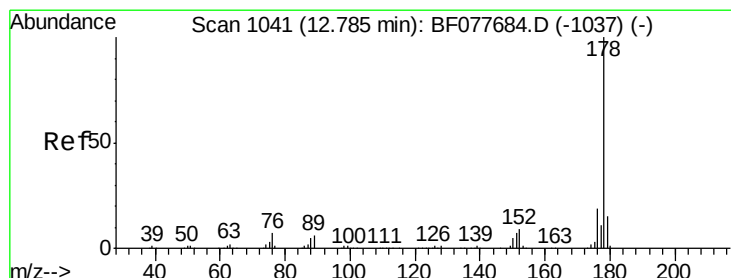
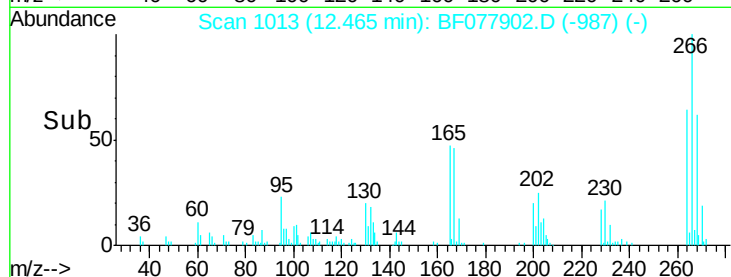
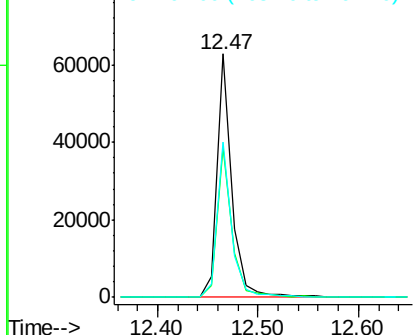
#69
 Pentachlorophenol
 Concen: 61.55 ng
 RT: 12.47 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF077902.D
 Acq: 23 Mar 2015 18:54

Instrument :
 BNA_F
 ClientSampled :
 PB82255BS

Tgt Ion:266 Resp: 63890
 Ion Ratio Lower Upper
 266 100
 268 61.6 52.0 78.0
 264 63.7 49.0 73.4

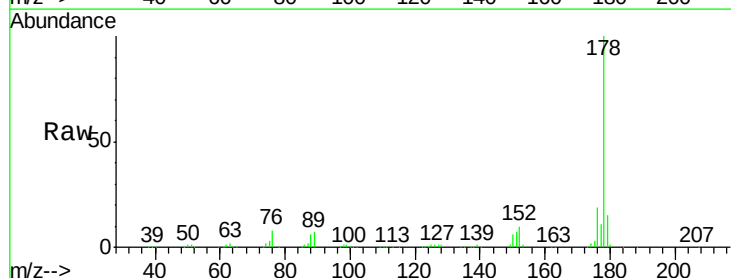


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

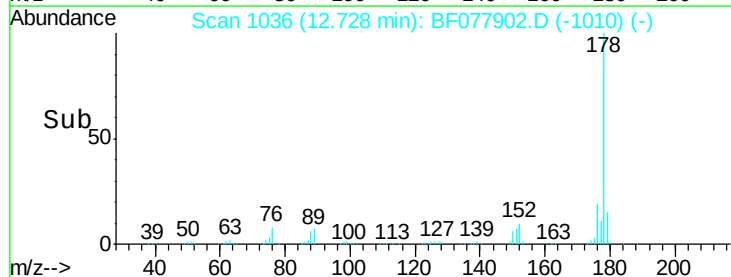
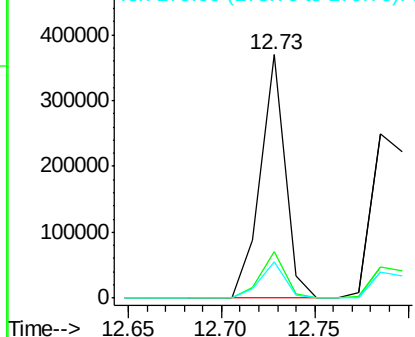


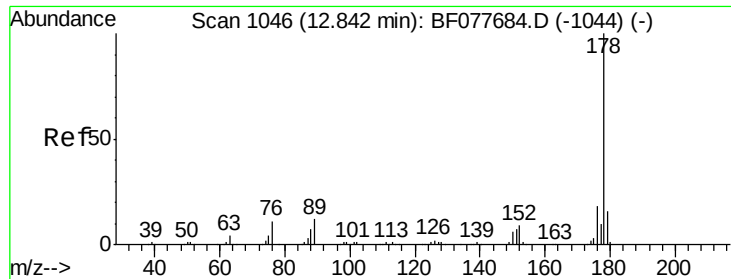
#70
 Phenanthrene
 Concen: 34.54 ng
 RT: 12.73 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF077902.D
 Acq: 23 Mar 2015 18:54

Tgt Ion:178 Resp: 339184
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.2 22.8
 179 15.0 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

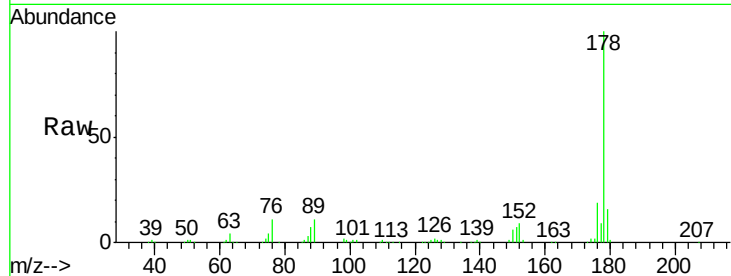




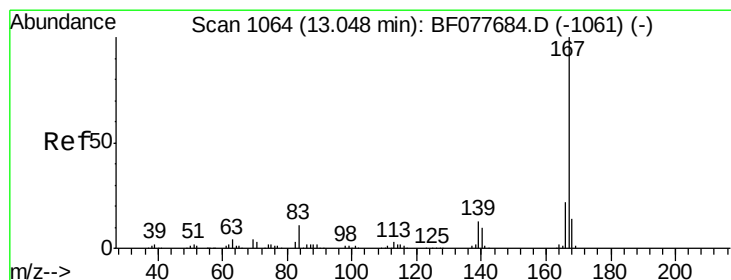
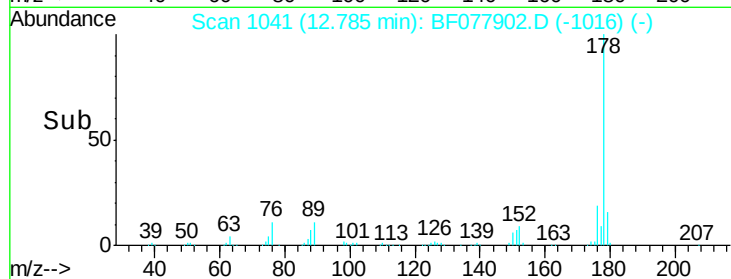
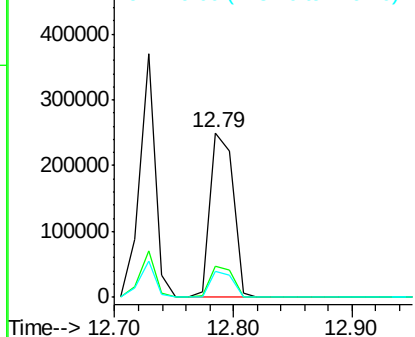
#71
 Anthracene
 Concen: 34.61 ng
 RT: 12.79 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF077902.D
 Acq: 23 Mar 2015 18:54

Instrument :
 BNA_F
 ClientSampleId :
 PB82255BS

Tgt Ion:178 Resp: 335845
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.6 22.0
 179 15.6 12.6 19.0

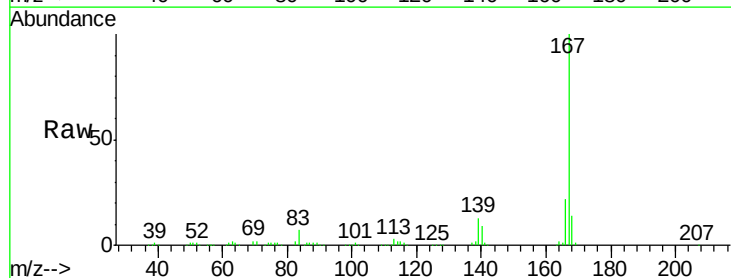


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

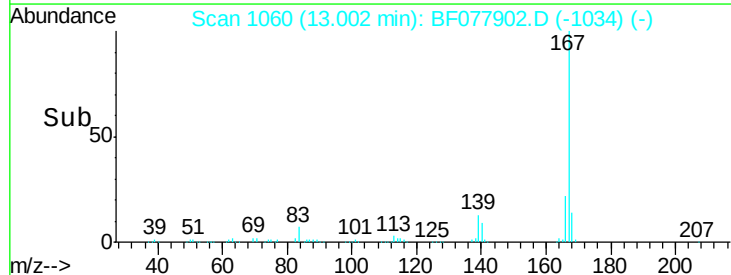
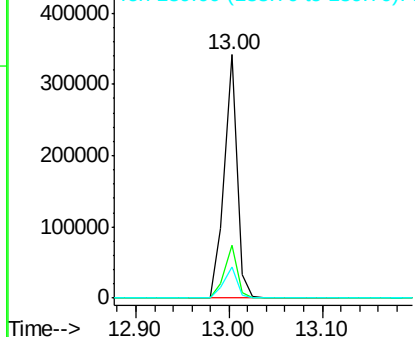


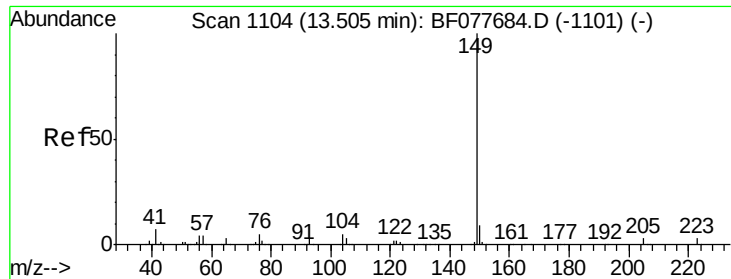
#72
 Carbazole
 Concen: 35.66 ng
 RT: 13.00 min Scan# 1060
 Delta R.T. 0.00 min
 Lab File: BF077902.D
 Acq: 23 Mar 2015 18:54

Tgt Ion:167 Resp: 329157
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 12.6 10.8 16.2



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

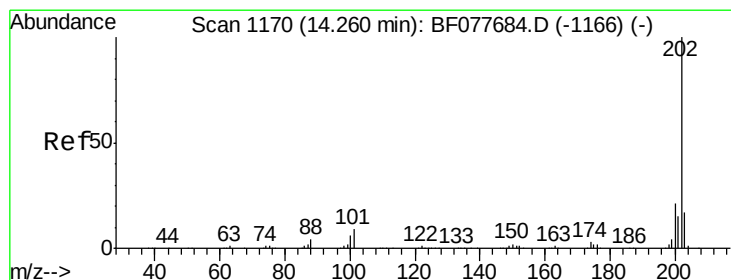
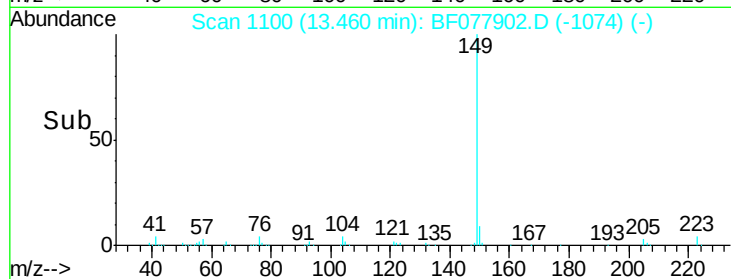
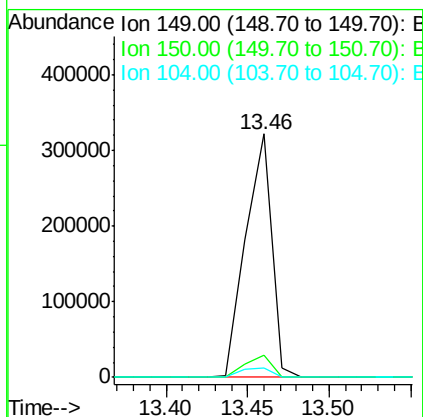
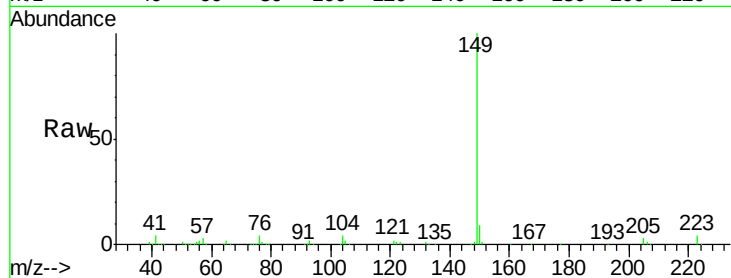




#73
Di-n-butylphthalate
Concen: 34.39 ng
RT: 13.46 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BF077902.D
Acq: 23 Mar 2015 18:54

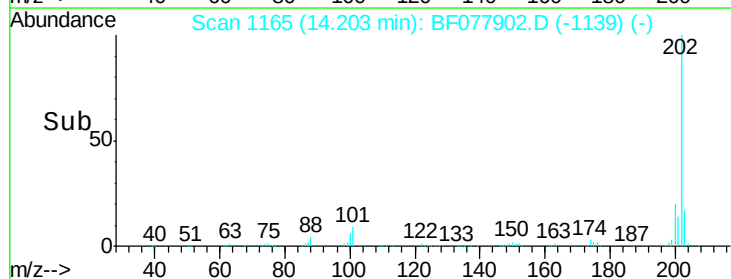
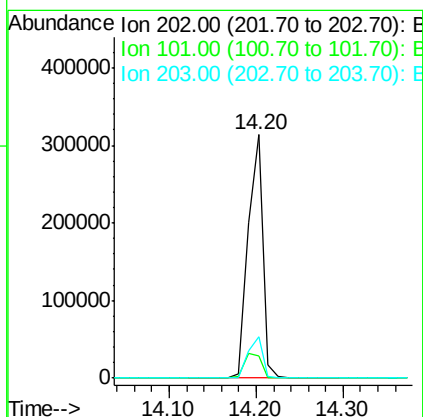
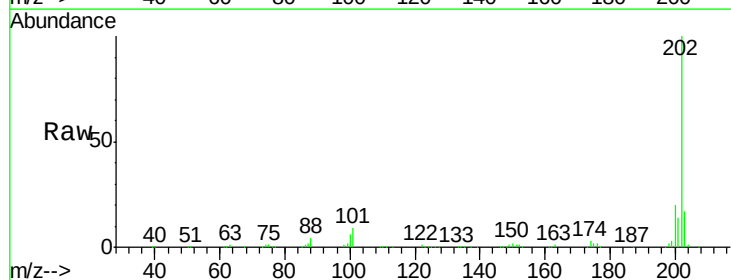
Instrument :
BNA_F
ClientSampleId :
PB82255BS

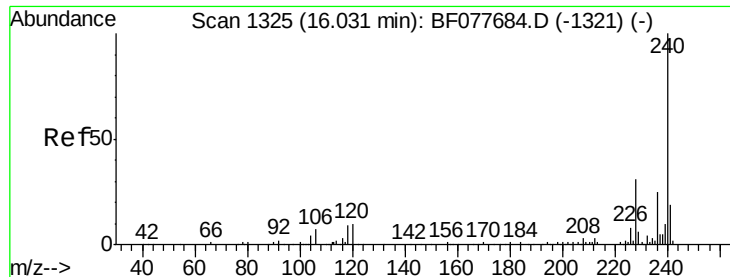
Tgt Ion:149 Resp: 355852
Ion Ratio Lower Upper
149 100
150 8.9 7.5 11.3
104 4.1 3.7 5.5



#74
Fluoranthene
Concen: 34.20 ng
RT: 14.20 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BF077902.D
Acq: 23 Mar 2015 18:54

Tgt Ion:202 Resp: 370404
Ion Ratio Lower Upper
202 100
101 9.3 0.0 28.7
203 17.1 0.0 37.2

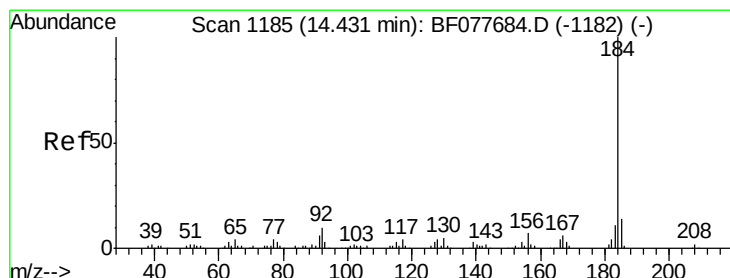
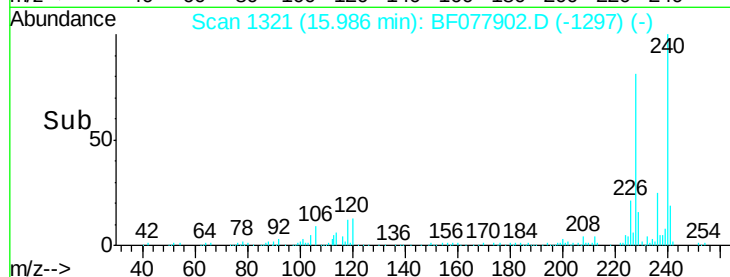
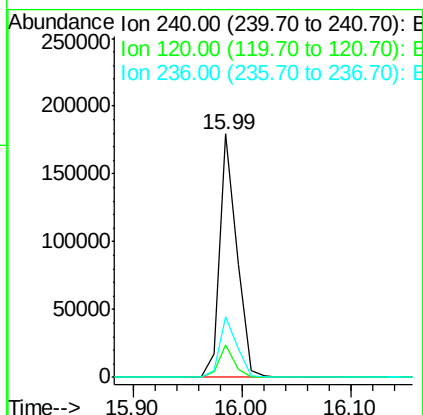
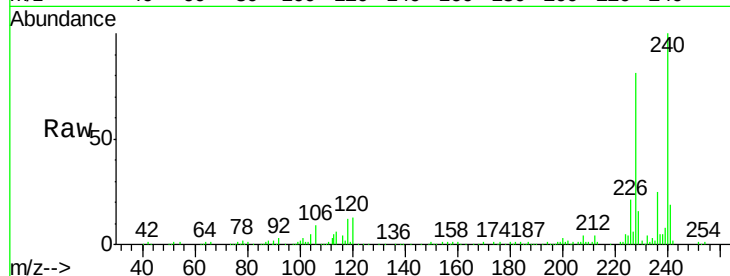




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.99 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BF077902.D
Acq: 23 Mar 2015 18:54

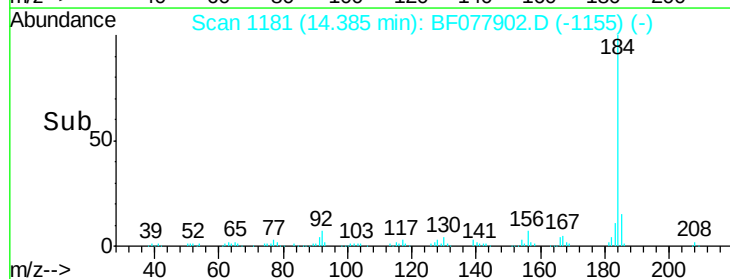
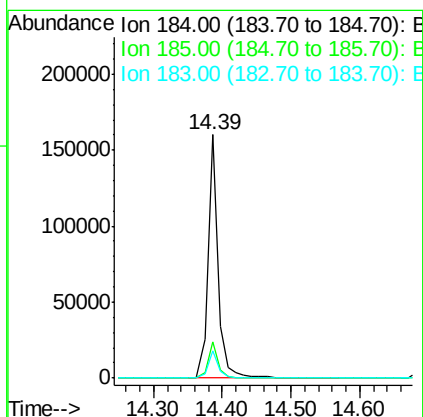
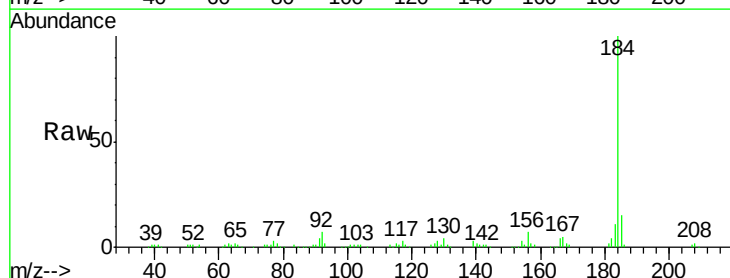
Instrument :
BNA_F
ClientSampleId :
PB82255BS

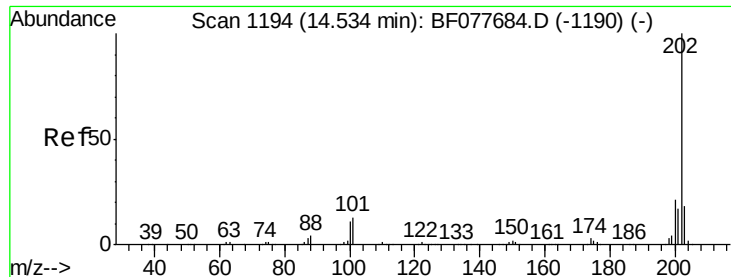
Tgt Ion:240 Resp: 197731
Ion Ratio Lower Upper
240 100
120 13.1 8.2 12.2#
236 25.1 20.0 30.0



#76
Benzidine
Concen: 33.47 ng
RT: 14.39 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF077902.D
Acq: 23 Mar 2015 18:54

Tgt Ion:184 Resp: 164086
Ion Ratio Lower Upper
184 100
185 14.8 11.3 16.9
183 11.2 8.9 13.3

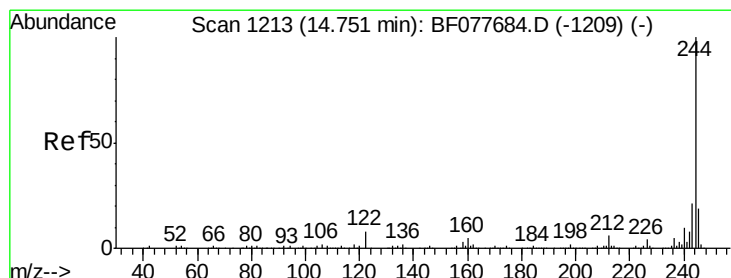
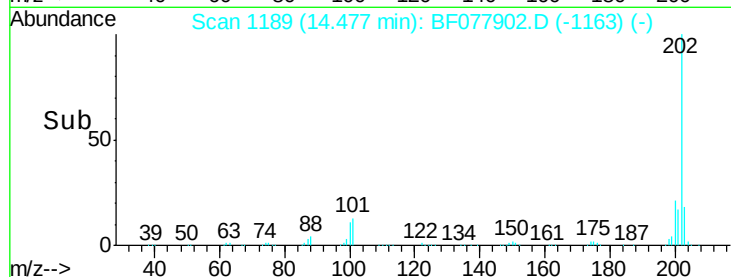
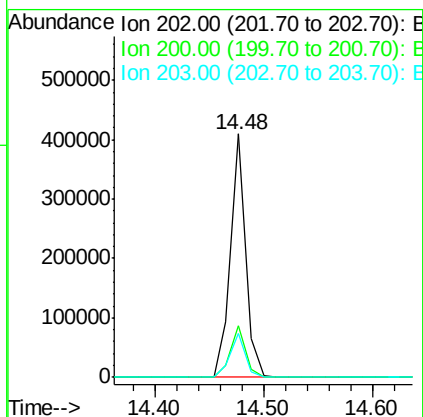
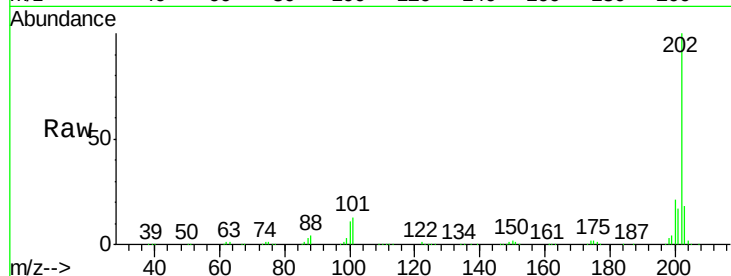




#77
 Pyrene
 Concen: 31.69 ng
 RT: 14.48 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF077902.D
 Acq: 23 Mar 2015 18:54

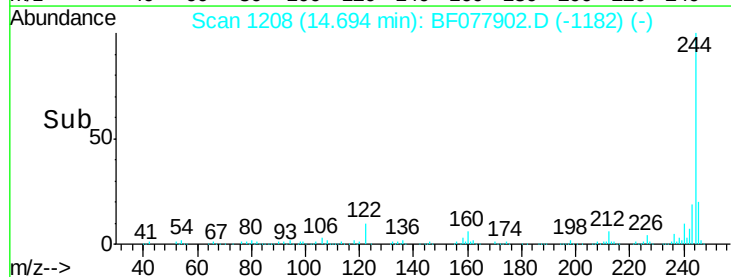
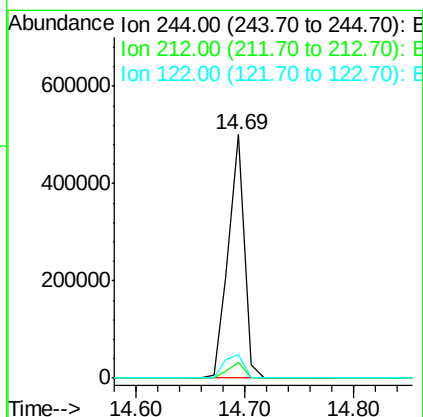
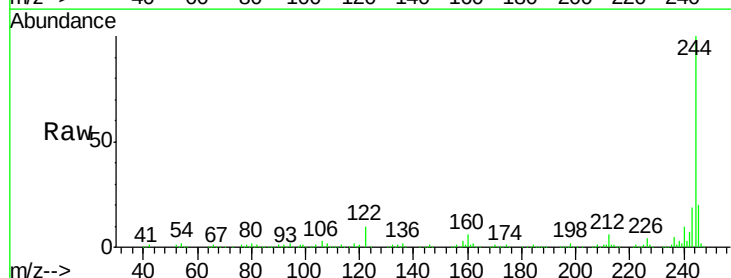
Instrument :
 BNA_F
 ClientSampleId :
 PB82255BS

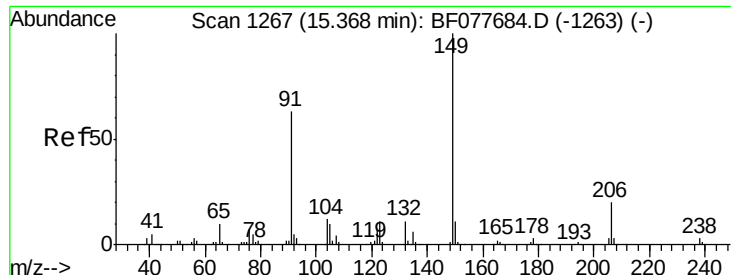
Tgt Ion: 202 Resp: 394042
 Ion Ratio Lower Upper
 202 100
 200 21.1 16.9 25.3
 203 17.9 14.1 21.1



#78
 Terphenyl-d14
 Concen: 62.97 ng
 RT: 14.69 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF077902.D
 Acq: 23 Mar 2015 18:54

Tgt Ion: 244 Resp: 509742
 Ion Ratio Lower Upper
 244 100
 212 6.5 4.9 7.3
 122 9.8 6.2 9.4#

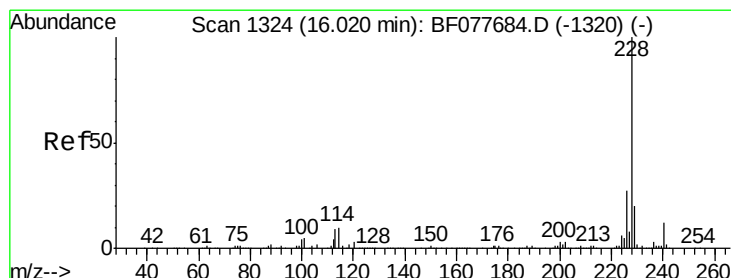
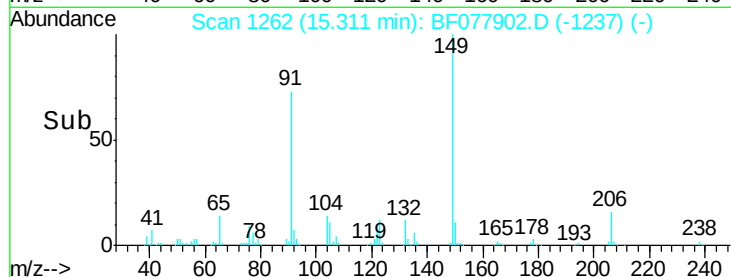
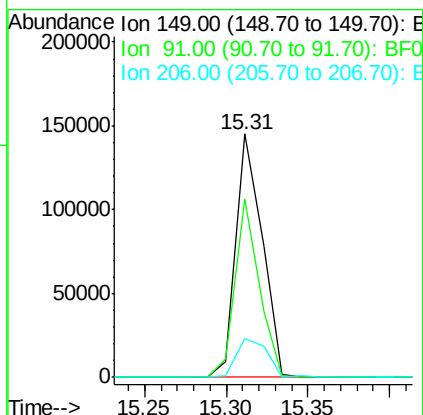
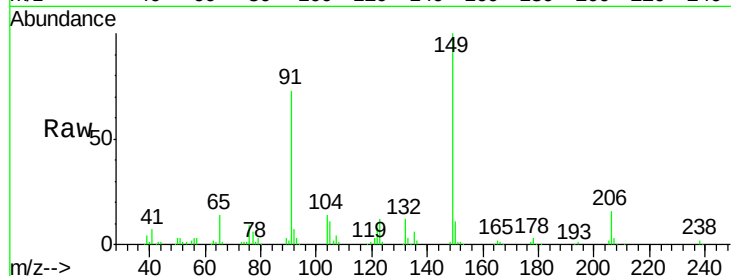




#79
Butylbenzylphthalate
Concen: 32.83 ng
RT: 15.31 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF077902.D
Acq: 23 Mar 2015 18:54

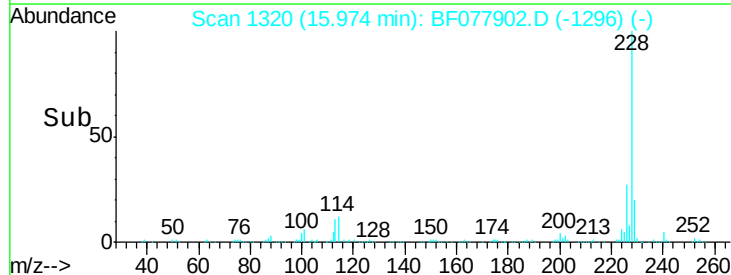
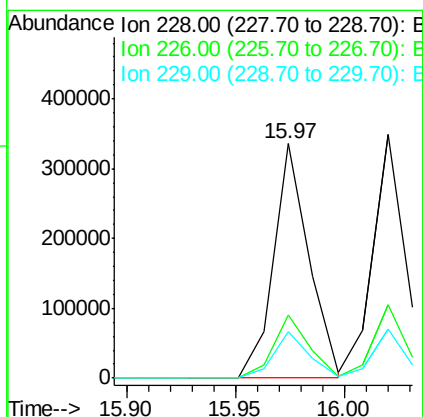
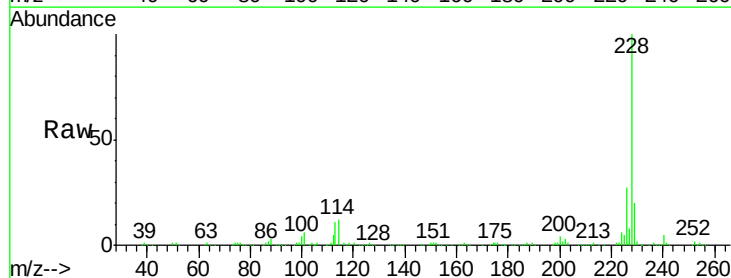
Instrument :
BNA_F
ClientSampleId :
PB82255BS

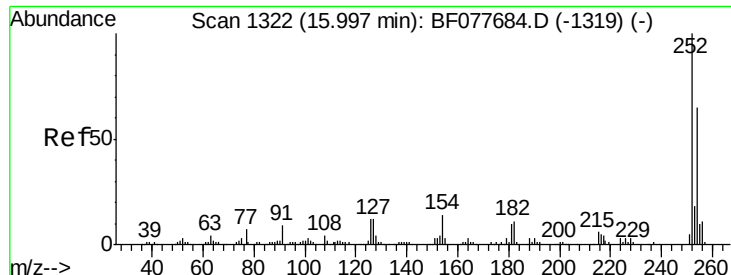
Tgt Ion:149 Resp: 160938
Ion Ratio Lower Upper
149 100
91 73.1 50.1 75.1
206 16.1 16.2 24.2#



#80
Benzo(a)anthracene
Concen: 32.56 ng
RT: 15.97 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BF077902.D
Acq: 23 Mar 2015 18:54

Tgt Ion:228 Resp: 381643
Ion Ratio Lower Upper
228 100
226 26.8 21.7 32.5
229 19.6 16.0 24.0

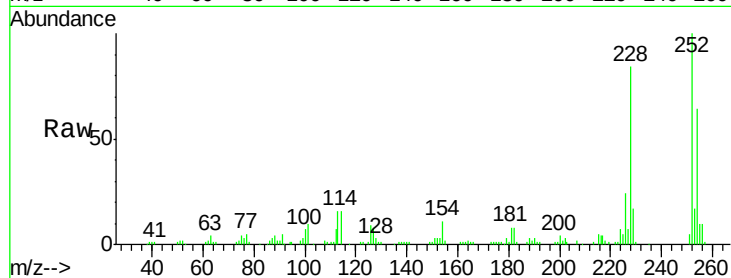




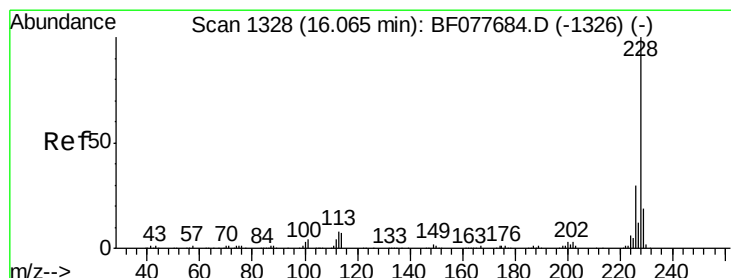
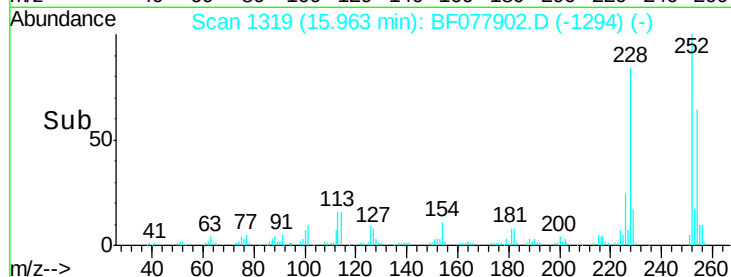
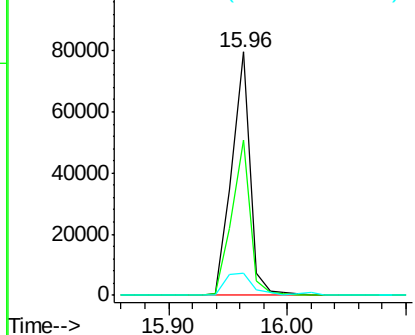
#81
 3,3'-Dichlorobenzidine
 Concen: 22.18 ng
 RT: 15.96 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF077902.D
 Acq: 23 Mar 2015 18:54

Instrument :
 BNA_F
 ClientSampleId :
 PB82255BS

Tgt Ion: 252 Resp: 85746
 Ion Ratio Lower Upper
 252 100
 254 63.9 51.9 77.9
 126 8.9 9.8 14.8#

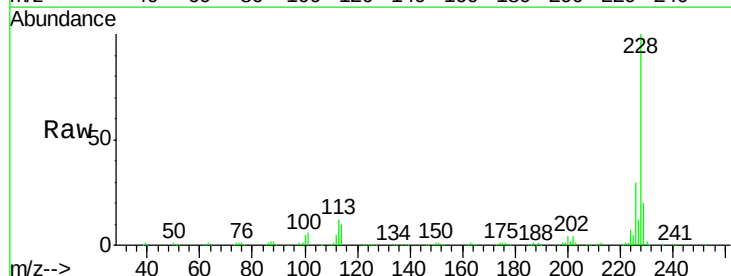


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

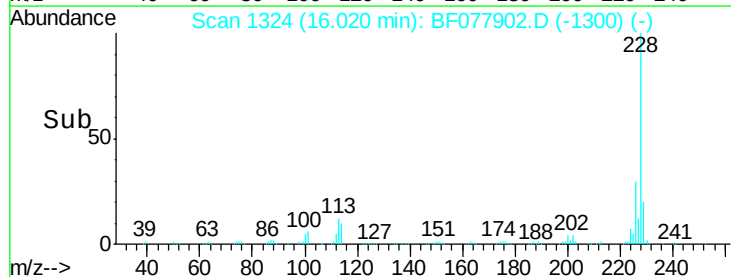
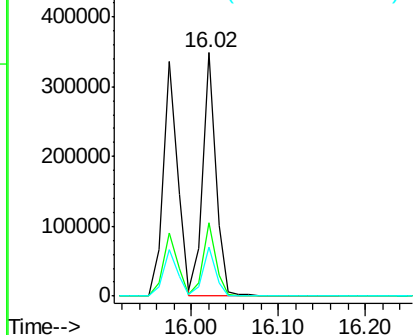


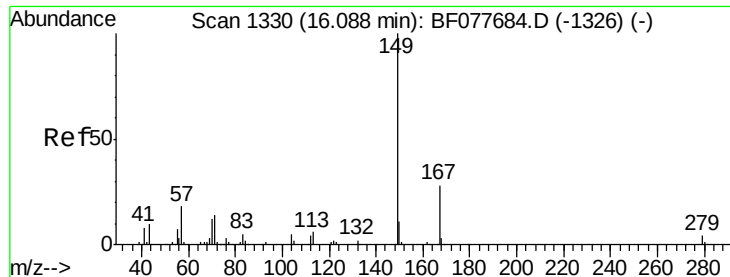
#82
 Chrysene
 Concen: 34.78 ng
 RT: 16.02 min Scan# 1324
 Delta R.T. -0.02 min
 Lab File: BF077902.D
 Acq: 23 Mar 2015 18:54

Tgt Ion: 228 Resp: 366518
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.1 36.1
 229 20.1 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 30.58 ng

RT: 16.04 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

Instrument :

BNA_F

ClientSampleId :

PB82255BS

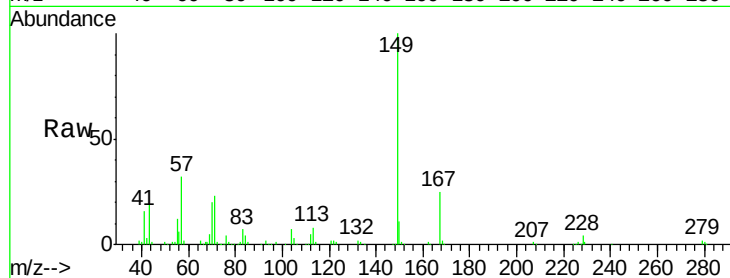
Tgt Ion:149 Resp: 227112

Ion Ratio Lower Upper

149 100

167 25.0 22.4 33.6

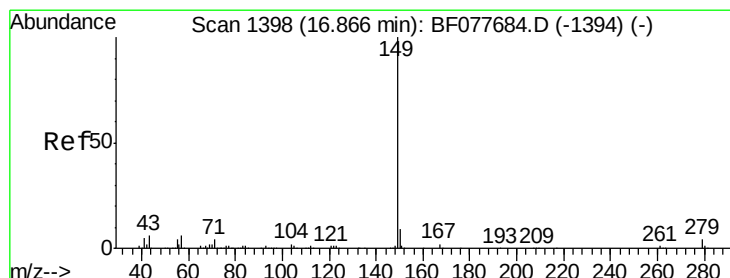
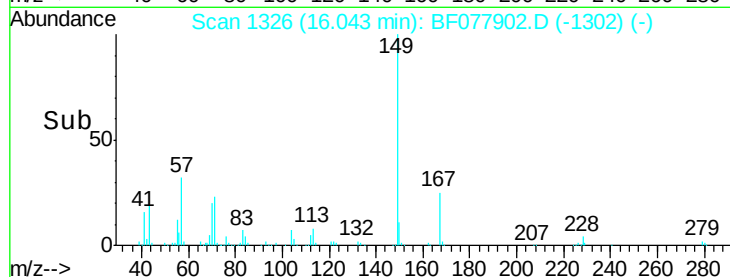
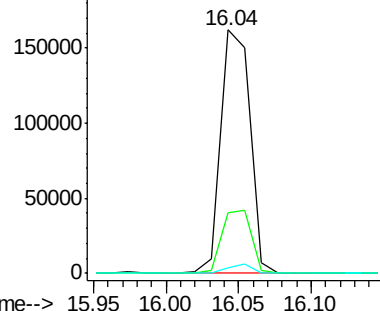
279 2.5 3.4 5.0#



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: 31.44 ng

RT: 16.87 min Scan# 1398

Delta R.T. -0.03 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

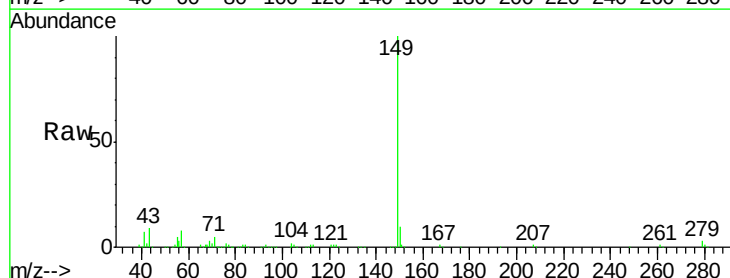
Tgt Ion:149 Resp: 399213

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

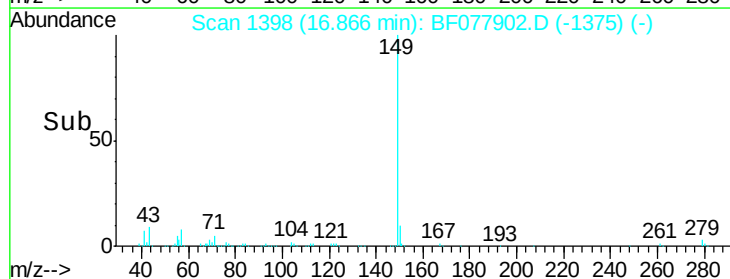
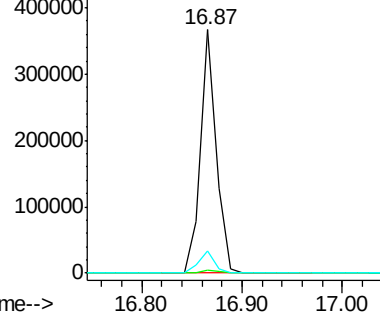
43 9.2 7.3 10.9

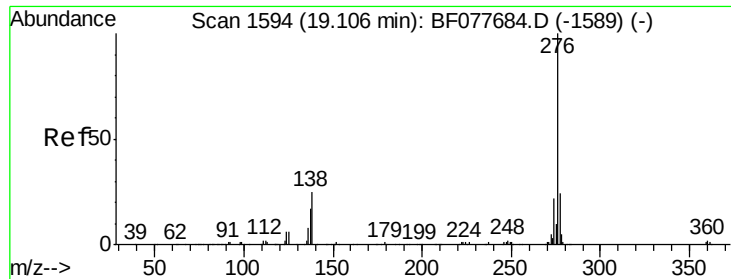


Abundance Ion 149.00 (148.70 to 149.70): E

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: 32.48 ng

RT: 19.15 min Scan# 1598

Delta R.T. -0.08 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

Instrument :

BNA_F

ClientSampleId :

PB82255BS

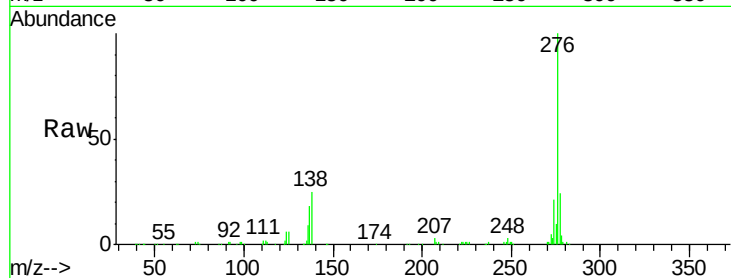
Tgt Ion:276 Resp: 427275

Ion Ratio Lower Upper

276 100

138 28.4 0.0 0.0#

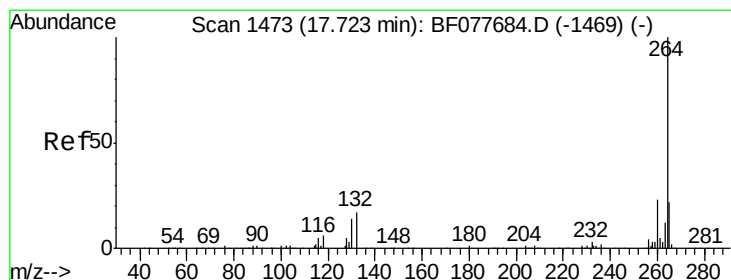
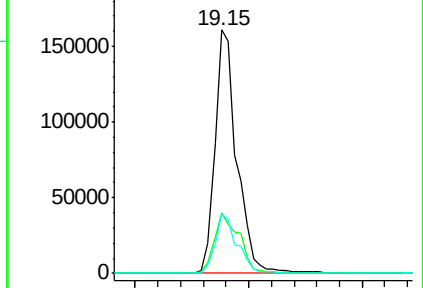
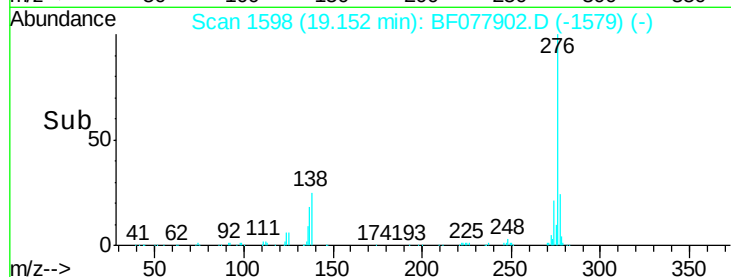
277 24.6 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.78 min Scan# 1478

Delta R.T. -0.05 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

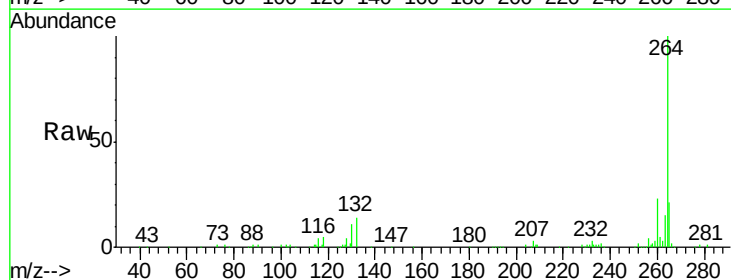
Tgt Ion:264 Resp: 193632

Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

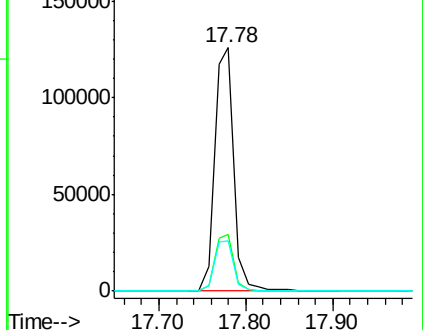
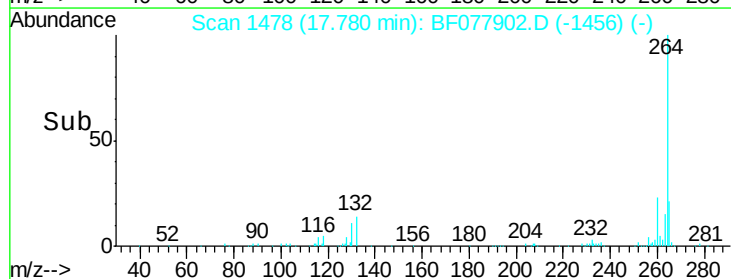
265 20.9 17.3 25.9

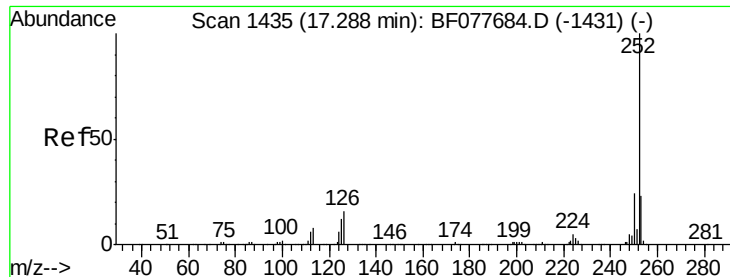


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 33.13 ng

RT: 17.31 min Scan# 1437

Delta R.T. -0.05 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

Instrument :

BNA_F

ClientSampleId :

PB82255BS

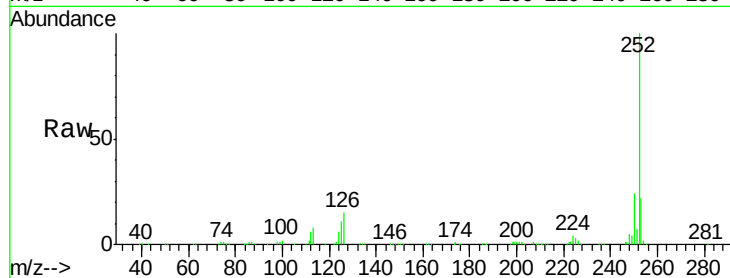
Tgt Ion:252 Resp: 418737

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

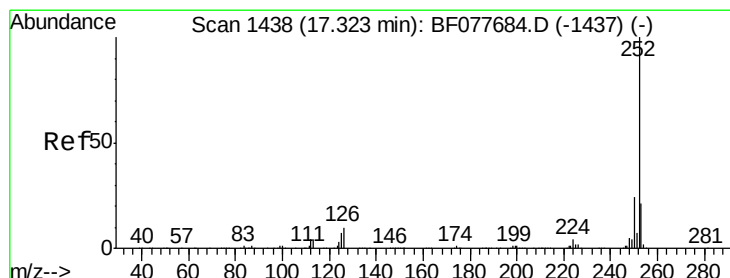
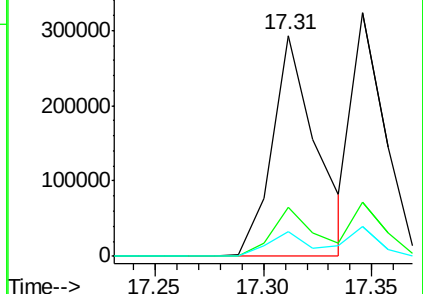
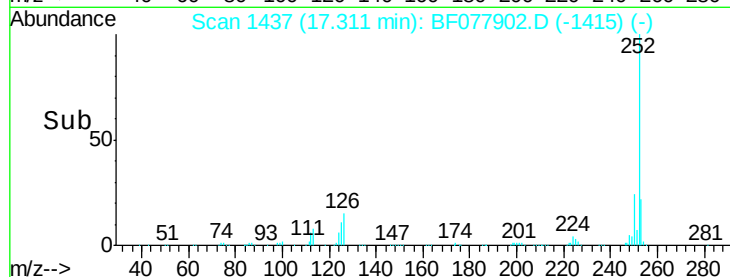
125 11.2 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.41 ng

RT: 17.31 min Scan# 1437

Delta R.T. -0.08 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

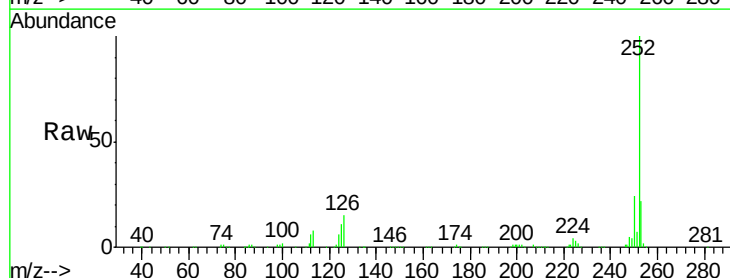
Tgt Ion:252 Resp: 418737

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

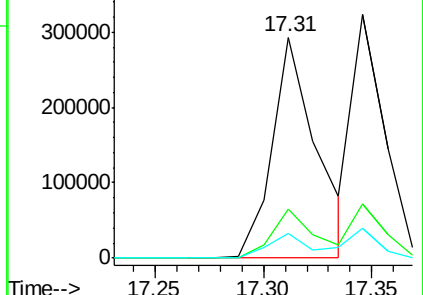
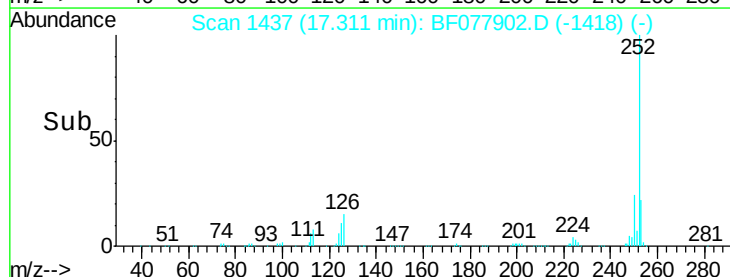
125 11.2 8.1 12.1

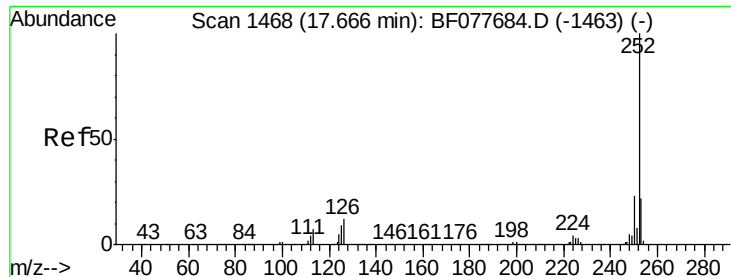


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 35.22 ng

RT: 17.71 min Scan# 1472

Delta R.T. -0.06 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

Instrument :

BNA_F

ClientSampleId :

PB82255BS

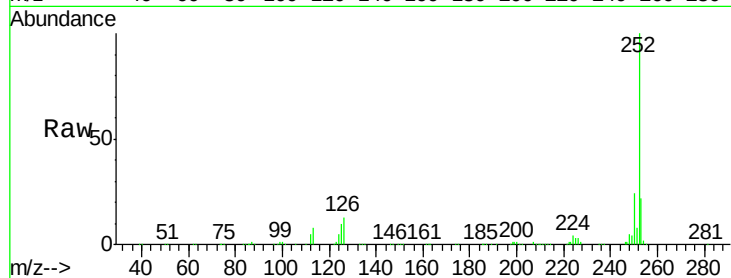
Tgt Ion:252 Resp: 371465

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

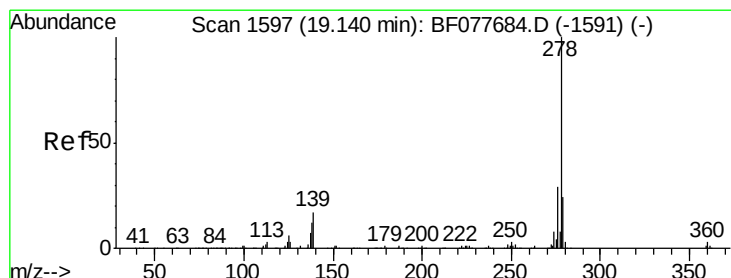
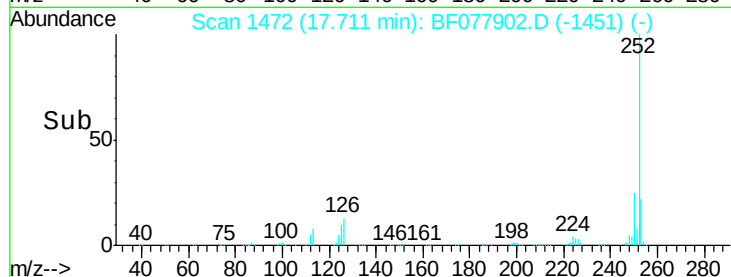
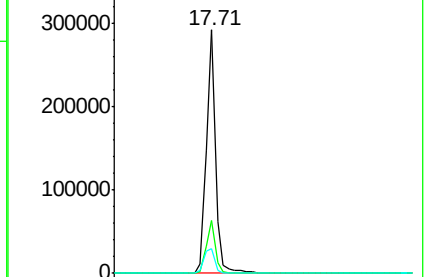
125 10.3 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 34.03 ng

RT: 19.19 min Scan# 1601

Delta R.T. -0.07 min

Lab File: BF077902.D

Acq: 23 Mar 2015 18:54

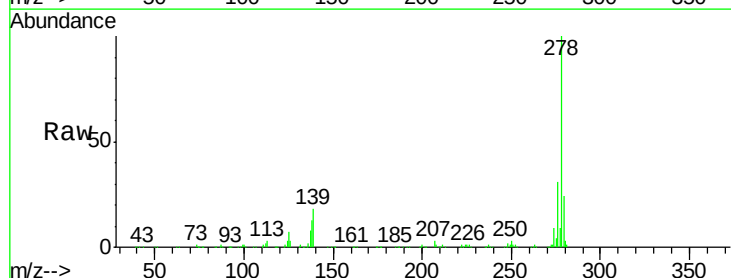
Tgt Ion:278 Resp: 355998

Ion Ratio Lower Upper

278 100

139 17.9 13.4 20.0

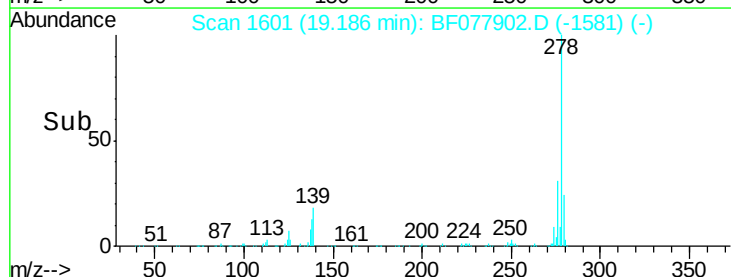
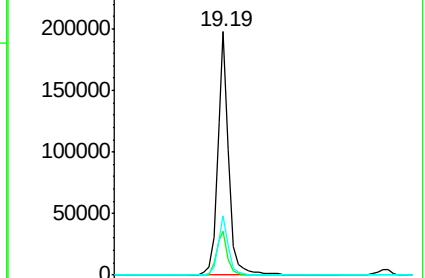
279 24.3 19.0 28.4

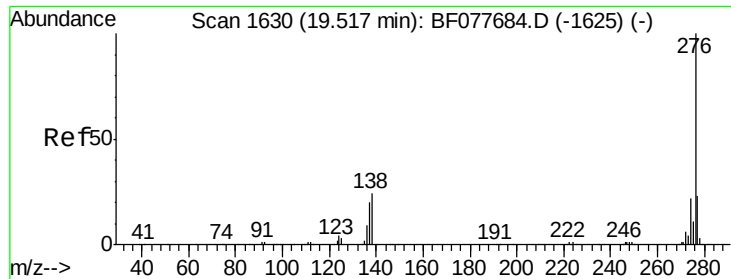


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 34.22 ng

RT: 19.56 min Scan# 1634

Delta R.T. -0.07 min

Lab File: BF077902.D

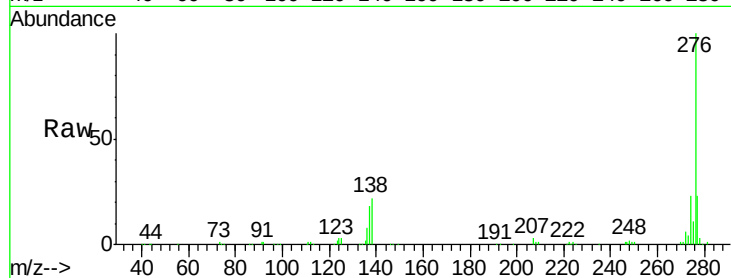
Acq: 23 Mar 2015 18:54

Instrument :

BNA_F

ClientSampleId :

PB82255BS



Tgt Ion: 276 Resp: 364426

Ion Ratio Lower Upper

276 100

277 23.3 18.5 27.7

138 21.6 19.0 28.6

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

