

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
 Data File : BF077965.D
 Acq On : 25 Mar 2015 21:48
 Operator : TP/IZ
 Sample : PB82320BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82320BS

Quant Time: Mar 26 04:13:21 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 00:45:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	43442	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	180607	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	91747	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	174711	20.00	ng	-0.01
75) Chrysene-d12	15.95	240	199488	20.00	ng	-0.02
86) Perylene-d12	17.67	264	199800	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	256635	103.12	ng	0.00
7) Phenol-d6	6.67	99	308313	100.27	ng	0.00
23) Nitrobenzene-d5	7.79	82	183826	66.72	ng	0.00
41) 2,4,6-Tribromophenol	11.83	330	79410	90.46	ng	0.00
44) 2-Fluorobiphenyl	10.02	172	411089	65.85	ng	0.00
78) Terphenyl-d14	14.67	244	480502	58.84	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.96	88	31973	28.30	ng	# 100
3) Pyridine	2.64	79	82455	27.16	ng	97
4) n-Nitrosodimethylamine	2.57	42	35311	26.71	ng	96
6) Aniline	6.68	93	70344	15.99	ng	# 55
8) 2-Chlorophenol	6.83	128	102115	34.47	ng	89
9) Benzaldehyde	6.54	77	4400	3.49	ng	95
10) Phenol	6.69	94	121182	33.34	ng	# 71
11) bis(2-Chloroethyl)ether	6.78	93	92010	33.80	ng	89
12) 1,3-Dichlorobenzene	7.01	146	106852	32.43	ng	97
13) 1,4-Dichlorobenzene	7.12	146	109378	31.95	ng	97
14) 1,2-Dichlorobenzene	7.30	146	106731	34.01	ng	96
15) Benzyl Alcohol	7.29	79	82608	34.42	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.46	45	120522	32.85	ng	98
17) 2-Methylphenol	7.44	107	79830	33.10	ng	96
18) Hexachloroethane	7.71	117	36873	32.84	ng	90
19) n-Nitroso-di-n-propylamine	7.62	70	70257	33.03	ng	96
20) 3+4-Methylphenols	7.63	107	106892	33.78	ng	94
22) Acetophenone	7.61	105	139129	34.80	ng	# 95
24) Nitrobenzene	7.81	77	100717	33.93	ng	91
25) Isophorone	8.11	82	173642	31.21	ng	# 93
26) 2-Nitrophenol	8.21	139	46135	31.75	ng	# 89
27) 2,4-Dimethylphenol	8.28	122	93119	35.17	ng	98
28) bis(2-Chloroethoxy)methane	8.40	93	112368	33.27	ng	99
29) 2,4-Dichlorophenol	8.51	162	85451	33.86	ng	98
30) 1,2,4-Trichlorobenzene	8.60	180	87791	31.09	ng	97
31) Naphthalene	8.69	128	285331	30.76	ng	99
32) Benzoic acid	8.40	122	38519	27.50	ng	99
33) 4-Chloroaniline	8.78	127	60873	16.17	ng	97
34) Hexachlorobutadiene	8.85	225	50294	31.43	ng	99
35) Caprolactam	9.21	113	26217	35.55	ng	# 86
36) 4-Chloro-3-methylphenol	9.39	107	85986	33.87	ng	# 82
37) 2-Methylnaphthalene	9.56	142	200193	32.13	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.76	216	84682	30.95	ng	# 100
40) Hexachlorocyclopentadiene	9.74	237	81880	60.57	ng	95

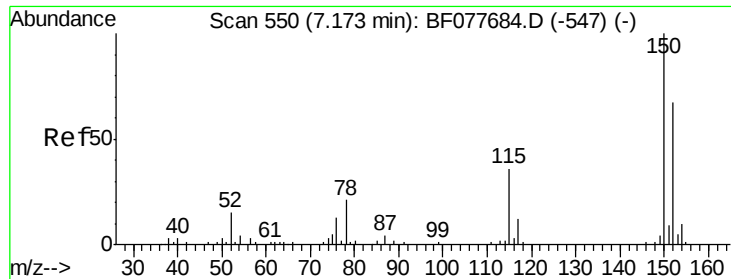
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
 Data File : BF077965.D
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Quant Time: Mar 26 04:13:21 2015
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.92	196	61522	32.46	nq	99
43) 2,4,5-Trichlorophenol	9.96	196	63858	31.18	nq	# 93
45) 1,1'-Biphenyl	10.13	154	229420	31.28	nq	97
46) 2-Chloronaphthalene	10.16	162	190644	31.99	nq	95
47) 2-Nitroaniline	10.29	65	52919	35.75	nq	98
48) Acenaphthylene	10.66	152	297706	30.04	nq	100
49) Dimethylphthalate	10.53	163	227213	33.39	nq	99
50) 2,6-Dinitrotoluene	10.60	165	50141	35.55	nq	90
51) Acenaphthene	10.88	154	171134	30.11	nq	99
52) 3-Nitroaniline	10.81	138	35647	21.76	nq	94
53) 2,4-Dinitrophenol	10.94	184	36005	70.54	nq	# 63
54) Dibenzofuran	11.09	168	269617	31.99	nq	96
55) 4-Nitrophenol	11.04	139	83221	68.58	nq	98
56) 2,4-Dinitrotoluene	11.09	165	63521	34.54	nq	92
57) Fluorene	11.52	166	220624	31.53	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.25	232	54236	34.40	nq	# 100
59) Diethylphthalate	11.40	149	215784	32.55	nq	96
60) 4-Chlorophenyl-phenylether	11.53	204	101718	31.85	nq	94
61) 4-Nitroaniline	11.55	138	51158	31.33	nq	79
62) Azobenzene	11.72	77	205937	32.50	nq	93
64) 4,6-Dinitro-2-methylphenol	11.60	198	28089	35.30	nq	90
65) n-Nitrosodiphenylamine	11.68	169	190917	32.82	nq	99
66) 4-Bromophenyl-phenylether	12.13	248	61080	32.76	nq	# 90
67) Hexachlorobenzene	12.19	284	66626	32.52	nq	96
68) Atrazine	12.35	200	58865	36.11	nq	93
69) Pentachlorophenol	12.44	266	66512	62.68	nq	98
70) Phenanthrene	12.71	178	334353	33.34	nq	100
71) Anthracene	12.77	178	343250	34.64	nq	98
72) Carbazole	12.98	167	334520	35.49	nq	99
73) Di-n-butylphthalate	13.44	149	377530	35.72	nq	99
74) Fluoranthene	14.18	202	386403	34.93	nq	99
76) Benzidine	14.36	184	155614	31.43	nq	99
77) Pyrene	14.45	202	396266	31.59	nq	99
79) Butylbenzylphthalate	15.29	149	168906	34.15	nq	88
80) Benzo(a)anthracene	15.94	228	381888	32.29	nq	99
81) 3,3'-Dichlorobenzidine	15.93	252	82489	21.15	nq	# 99
82) Chrysene	15.99	228	363904	34.22	nq	99
83) Bis(2-ethylhexyl)phthalate	16.01	149	248622	33.19	nq	# 95
84) Di-n-octyl phthalate	16.80	149	445919	34.81	nq	99
85) Indeno(1,2,3-cd)pyrene	19.01	276	442016	33.31	nq	# 100
87) Benzo(b)fluoranthene	17.22	252	405045	31.05	nq	98
88) Benzo(k)fluoranthene	17.25	252	353794m	34.73	nq	
89) Benzo(a)pyrene	17.60	252	371378	34.12	nq	# 96
90) Dibenzo(a,h)anthracene	19.04	278	368449	34.13	nq	97
91) Benzo(g,h,i)perylene	19.41	276	365573	33.27	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.09 min Scan# 543

Delta R.T. 0.00 min

Lab File: BF077965.D

Acq: 25 Mar 2015 21:48

Instrument :

BNA_F

ClientSampled :

PB82320BS

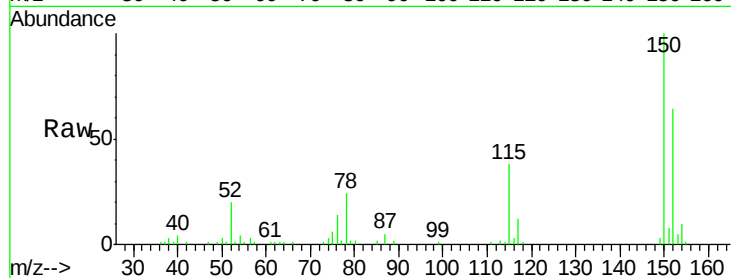
Tot Ion:152 Resp: 43442

Ion Ratio Lower Upper

152 100

150 157.4 119.5 179.3

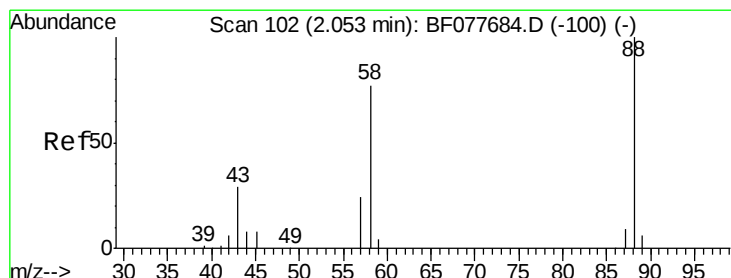
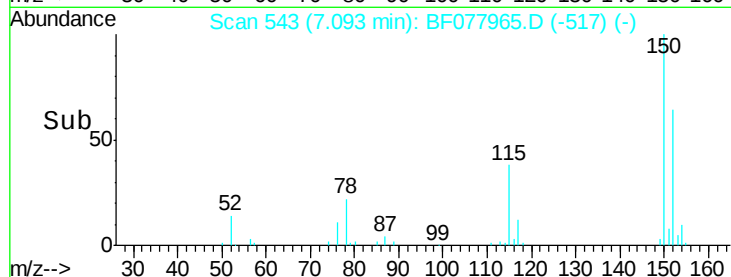
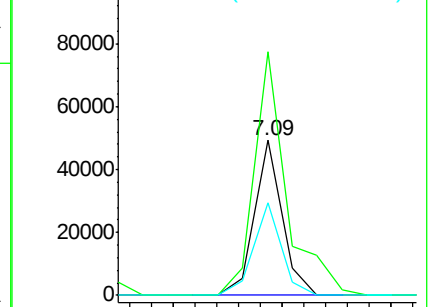
115 59.8 43.0 64.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 28.30 ng

RT: 1.96 min Scan# 94

Delta R.T. 0.02 min

Lab File: BF077965.D

Acq: 25 Mar 2015 21:48

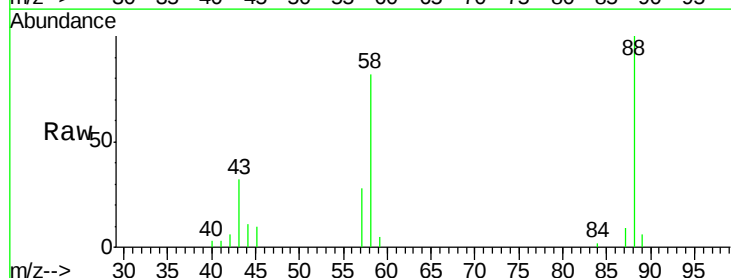
Tgt Ion: 88 Resp: 31973

Ion Ratio Lower Upper

88 100

58 76.8 0.0 0.0#

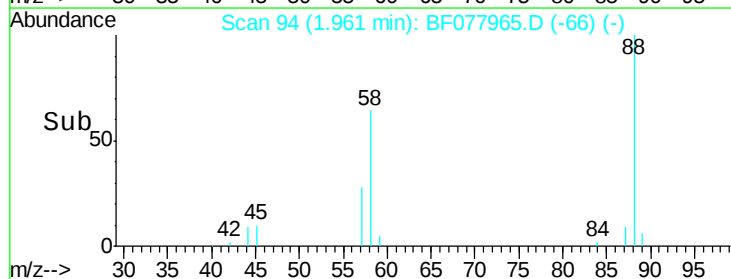
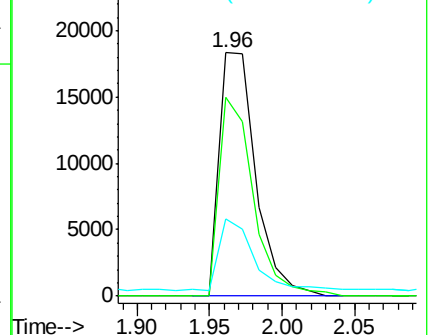
43 29.5 0.0 0.0#

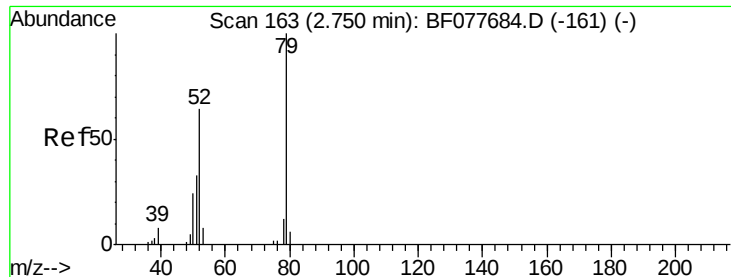


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 27.16 ng

RT: 2.64 min Scan# 153

Delta R.T. 0.03 min

Lab File: BF077965.D

Acq: 25 Mar 2015 21:48

Instrument :

BNA_F

ClientSampleId :

PB82320BS

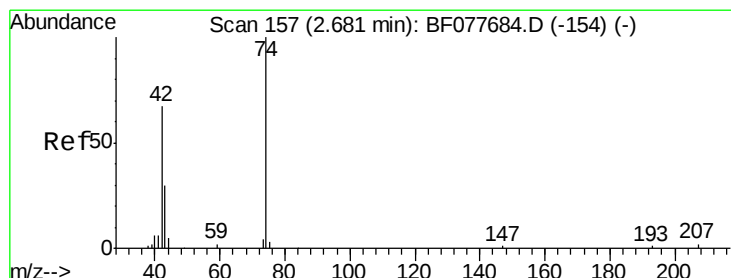
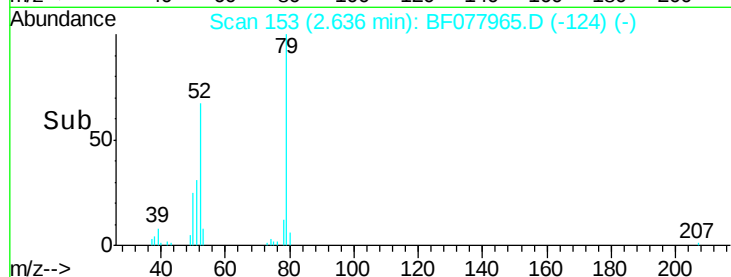
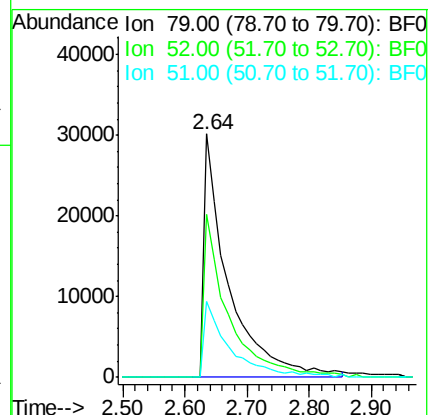
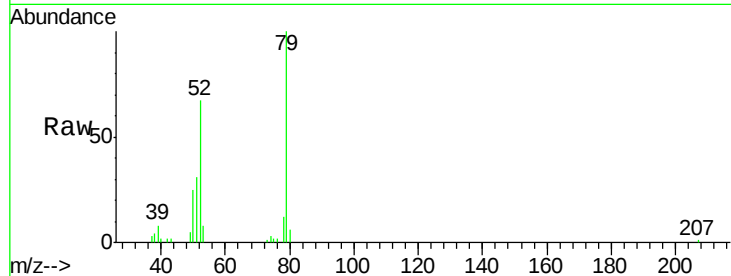
Tot Ion: 79 Resp: 82455

Ion Ratio Lower Upper

79 100

52 67.1 51.1 76.7

51 31.3 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 26.71 ng

RT: 2.57 min Scan# 147

Delta R.T. 0.02 min

Lab File: BF077965.D

Acq: 25 Mar 2015 21:48

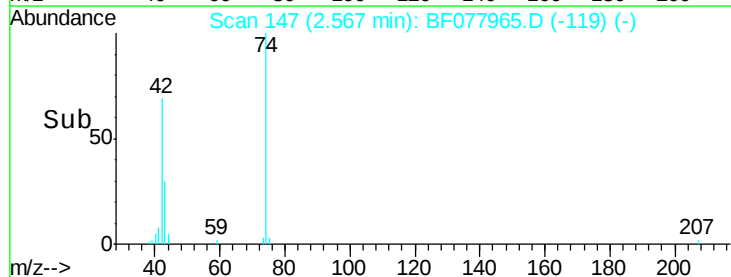
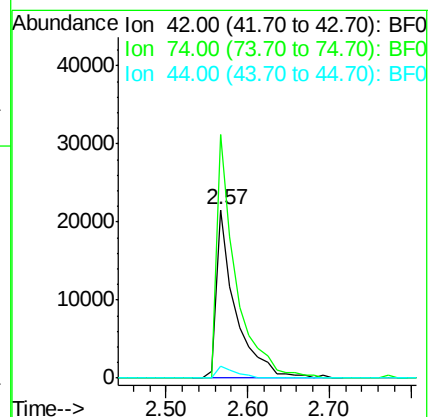
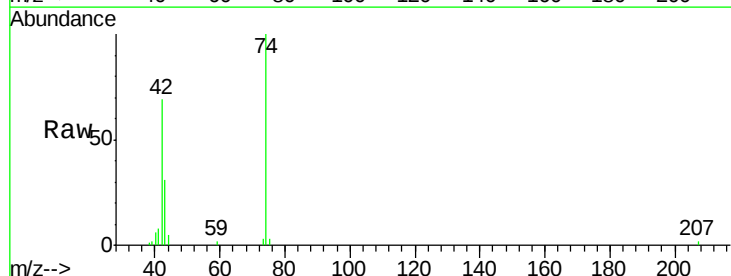
Tgt Ion: 42 Resp: 35311

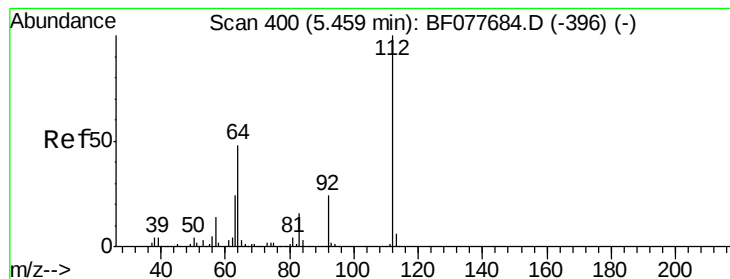
Ion Ratio Lower Upper

42 100

74 144.4 119.3 178.9

44 6.9 5.4 8.2





#5

2-Fluorophenol

Concen: 103.12 ng

RT: 5.38 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF077965.D

Acq: 25 Mar 2015 21:48

Instrument :

BNA_F

ClientSampleId :

PB82320BS

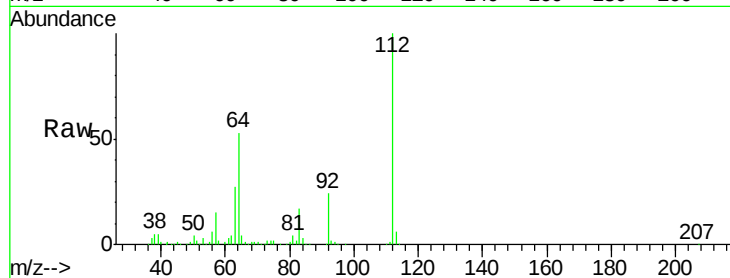
Tot Ion:112 Resp: 256635

Ion Ratio Lower Upper

112 100

64 52.6 38.6 57.8

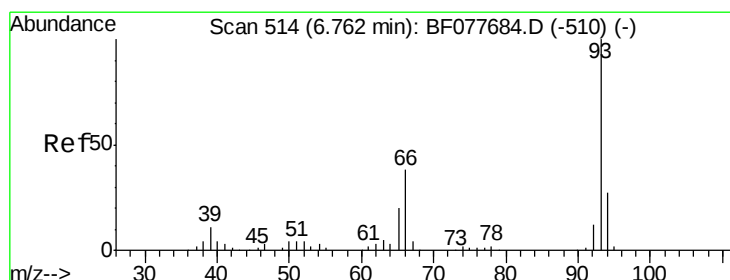
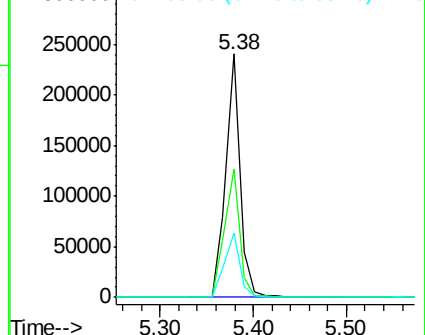
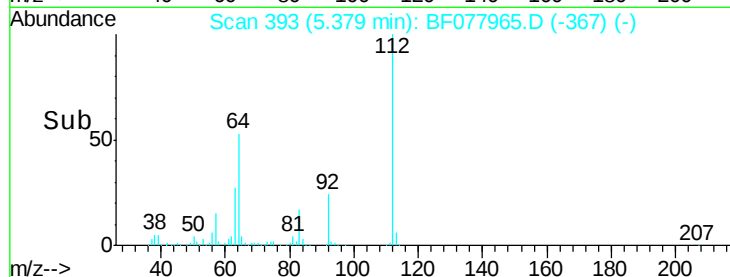
63 26.7 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 15.99 ng

RT: 6.68 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF077965.D

Acq: 25 Mar 2015 21:48

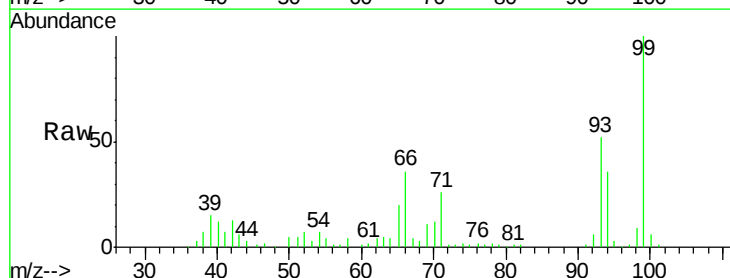
Tgt Ion: 93 Resp: 70344

Ion Ratio Lower Upper

93 100

66 68.1 30.8 46.2#

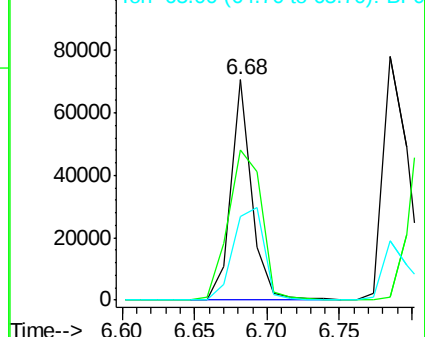
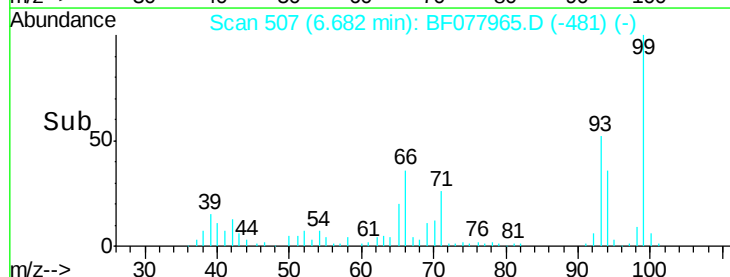
65 37.9 16.0 24.0#

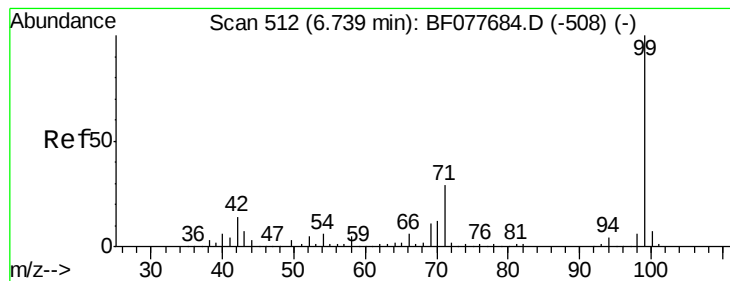


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 100.27 ng

RT: 6.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF077965.D

Acq: 25 Mar 2015 21:48

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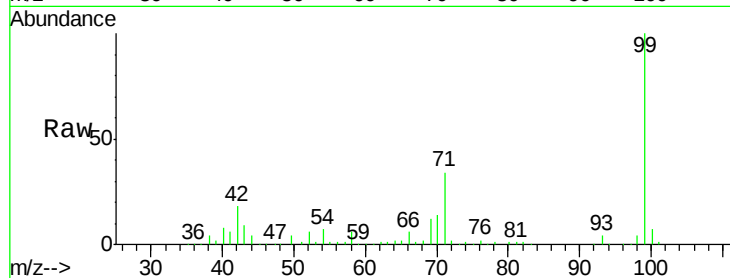
Tot Ion: 99 Resp: 308313

Ion Ratio Lower Upper

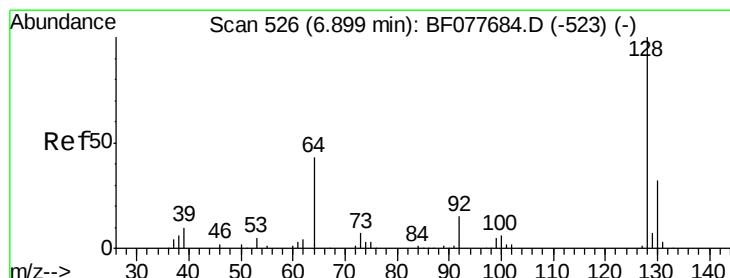
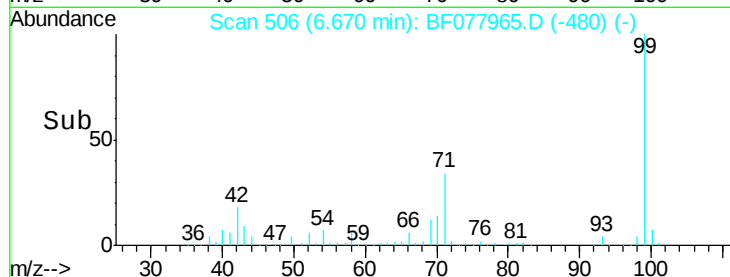
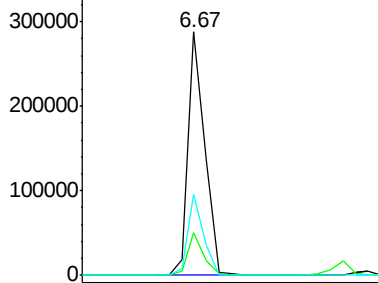
99 100

42 17.5 11.0 16.4#

71 33.5 23.4 35.2



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



#8

2-Chlorophenol

Concen: 34.47 ng

RT: 6.83 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF077965.D

Acq: 25 Mar 2015 21:48

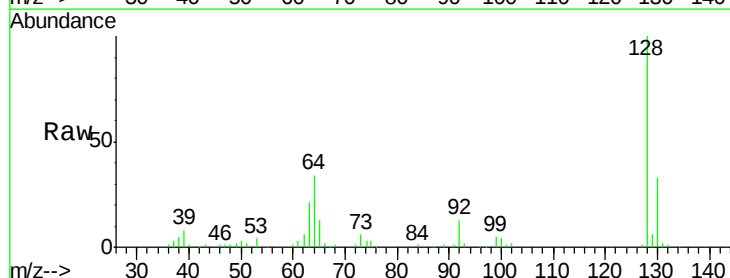
Tgt Ion:128 Resp: 102115

Ion Ratio Lower Upper

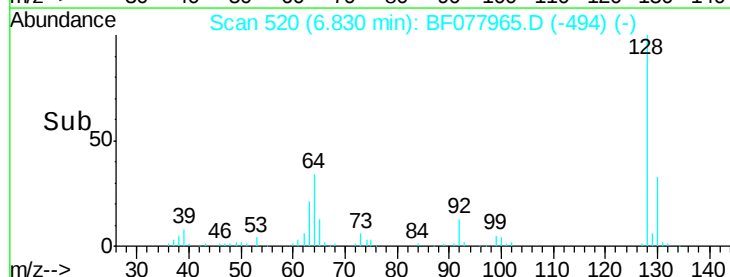
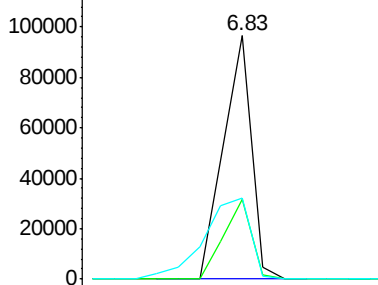
128 100

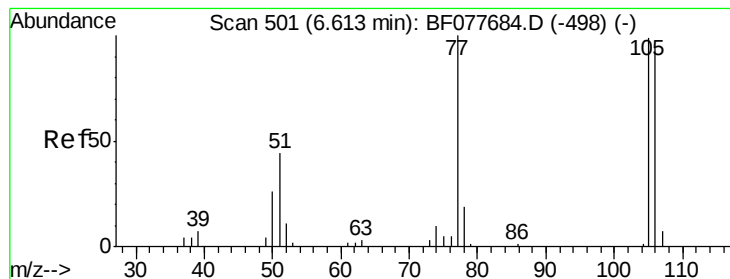
130 32.6 12.0 52.0

64 33.5 24.9 64.9



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





#9

Benzaldehyde

Concen: 3.49 ng

RT: 6.54 min Scan# 495

Delta R.T. 0.01 min

Lab File: BF077965.D

Acq: 25 Mar 2015 21:48

Instrument :

BNA_F

ClientSampleID :

PB82320BS

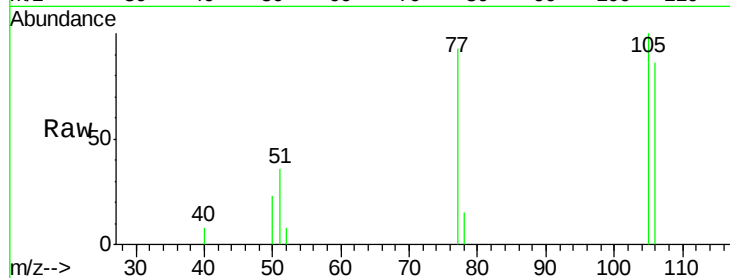
Tot Ion: 77 Resp: 4400

Ion Ratio Lower Upper

77 100

105 107.0 78.8 118.8

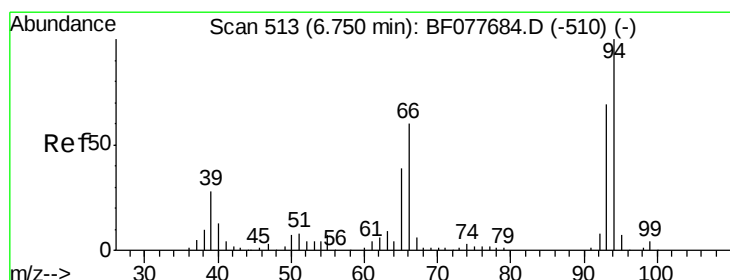
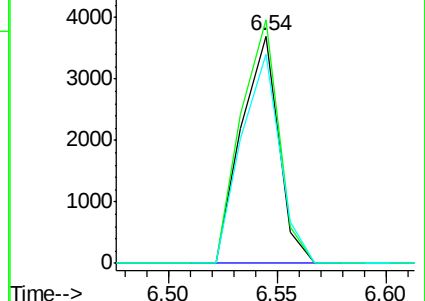
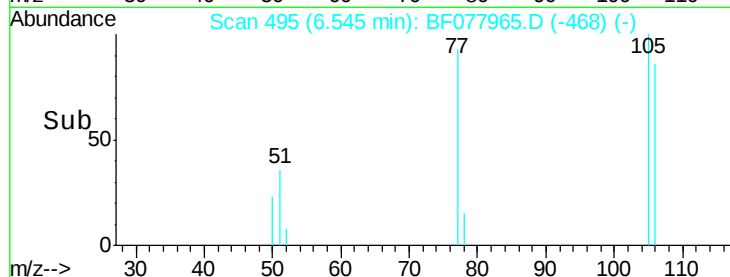
106 91.7 73.7 113.7



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: 33.34 ng

RT: 6.69 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF077965.D

Acq: 25 Mar 2015 21:48

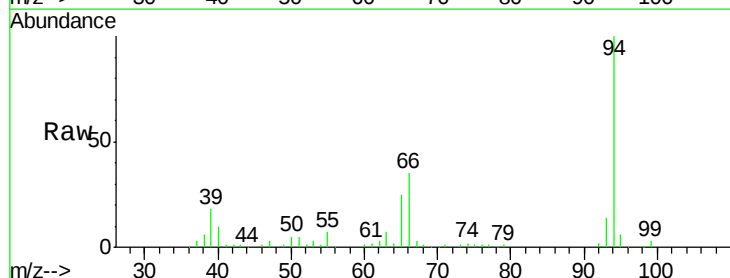
Tgt Ion: 94 Resp: 121182

Ion Ratio Lower Upper

94 100

65 25.0 18.8 58.8

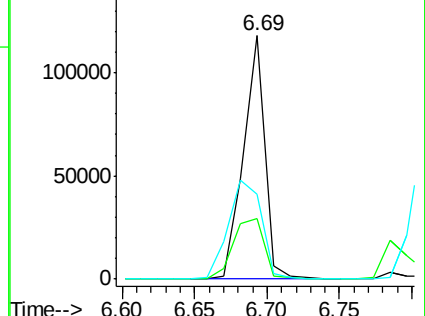
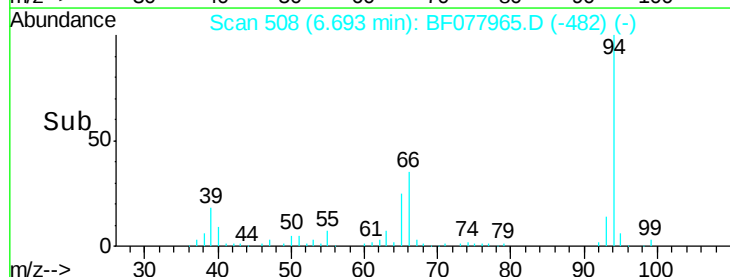
66 34.9 39.9 79.9#

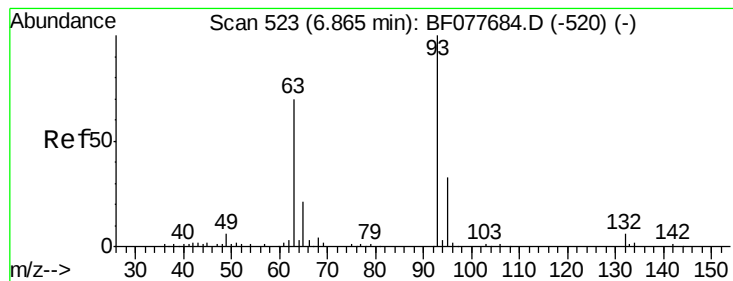


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 33.80 ng

RT: 6.78 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF077965.D

Acq: 25 Mar 2015 21:48

Instrument :

BNA_F

ClientSampleId :

PB82320BS

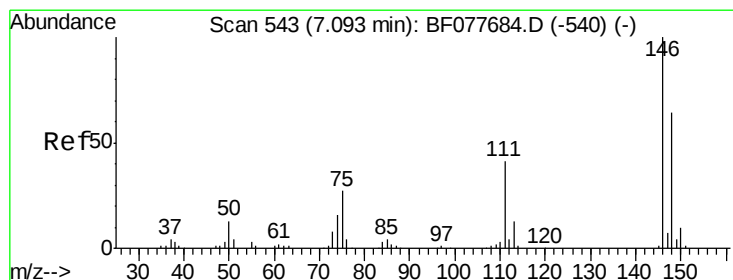
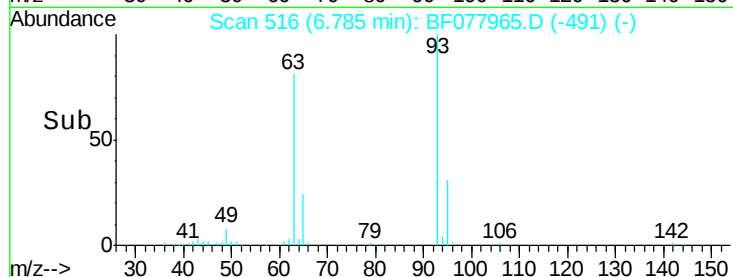
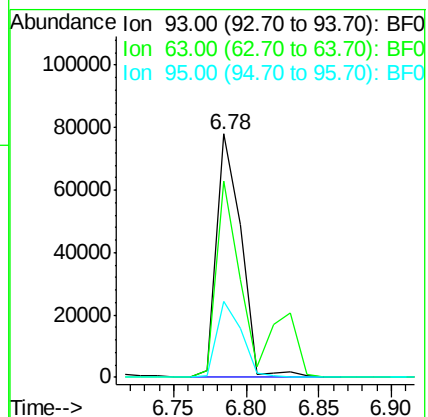
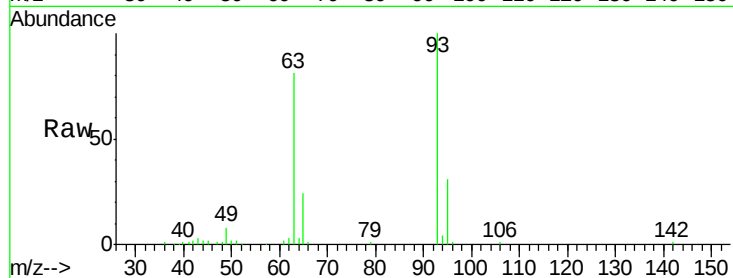
Tot Ion: 93 Resp: 92010

Ion Ratio Lower Upper

93 100

63 80.7 49.5 89.5

95 31.2 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 32.43 ng

RT: 7.01 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF077965.D

Acq: 25 Mar 2015 21:48

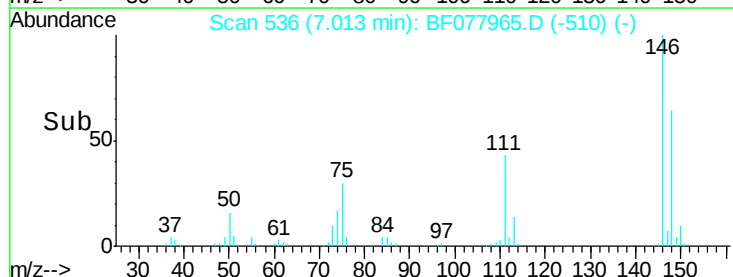
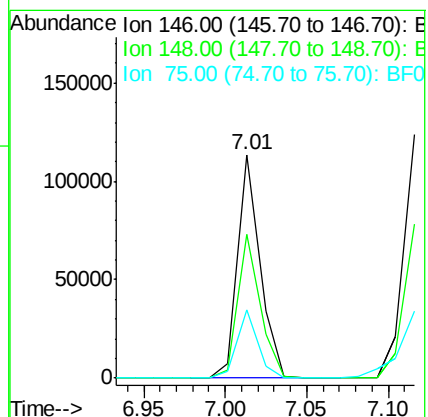
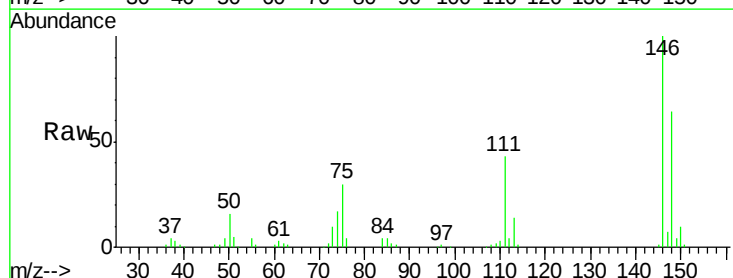
Tgt Ion: 146 Resp: 106852

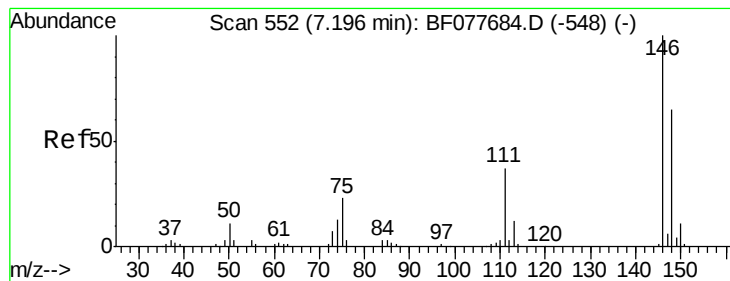
Ion Ratio Lower Upper

146 100

148 64.4 50.9 76.3

75 30.4 21.4 32.2





#13

1,4-Dichlorobenzene

Concen: 31.95 ng

RT: 7.12 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF077965.D

Acq: 25 Mar 2015 21:48

Instrument :

BNA_F

ClientSampleId :

PB82320BS

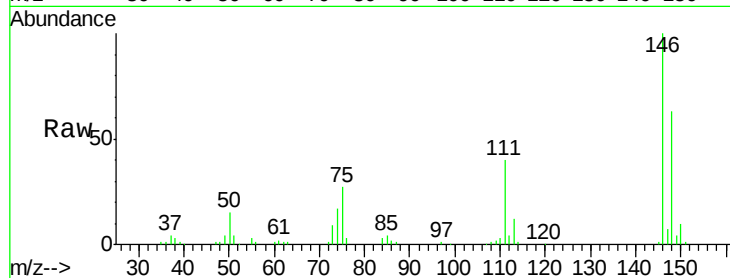
Tot Ion:146 Resp: 109378

Ion Ratio Lower Upper

146 100

148 63.1 51.9 77.9

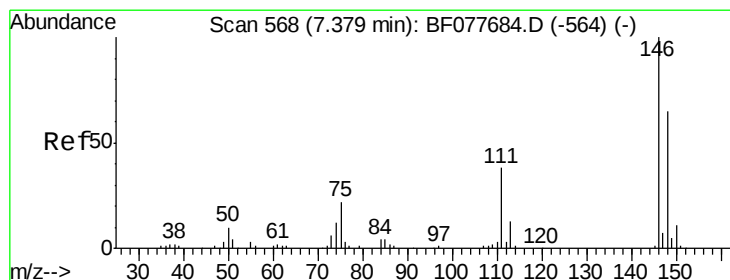
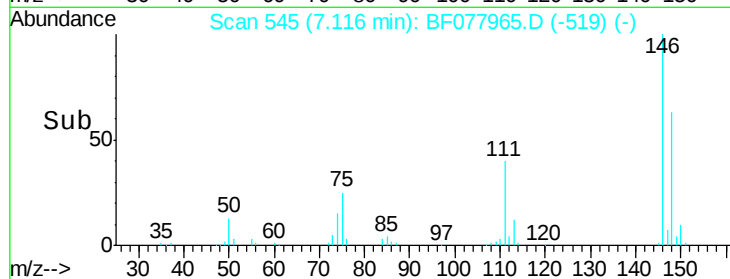
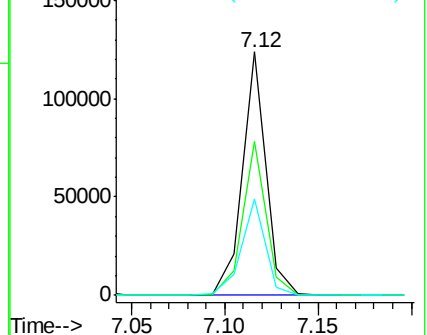
111 39.8 29.2 43.8



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: 34.01 ng

RT: 7.30 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF077965.D

Acq: 25 Mar 2015 21:48

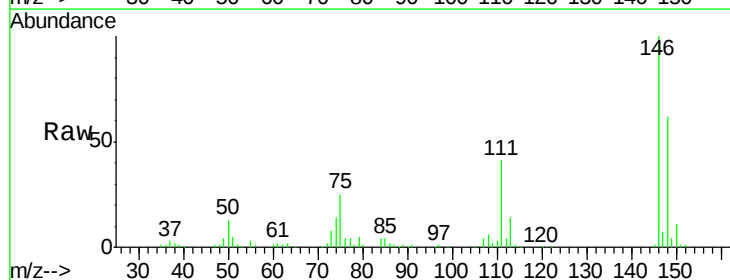
Tgt Ion:146 Resp: 106731

Ion Ratio Lower Upper

146 100

148 62.3 52.3 78.5

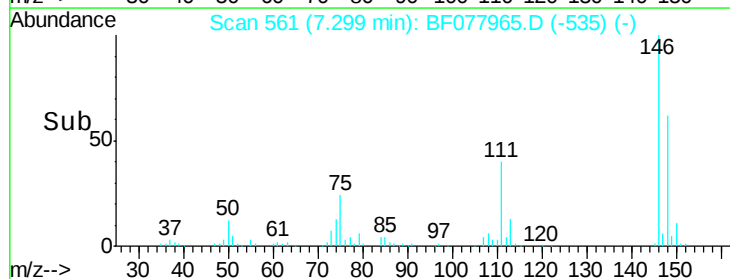
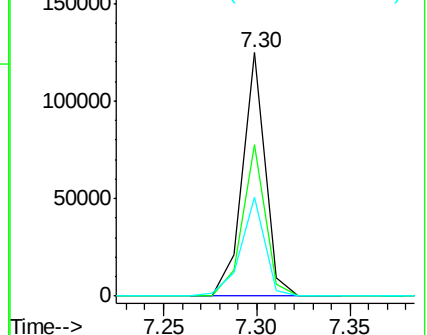
111 40.8 30.6 45.8

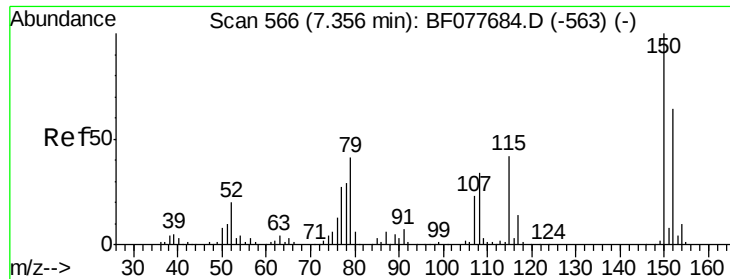


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.42 ng

RT: 7.29 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF077965.D

Acq: 25 Mar 2015 21:48

Instrument :

BNA_F

ClientSampleId :

PB82320BS

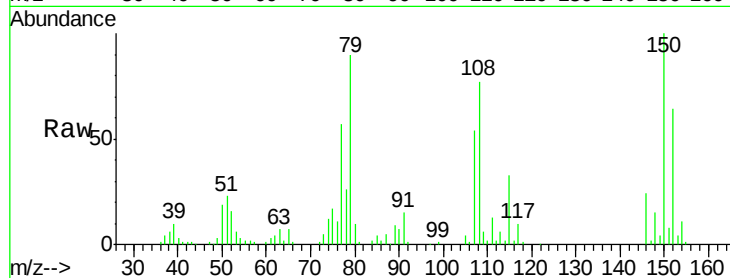
Tot Ion: 79 Resp: 82608

Ion Ratio Lower Upper

79 100

108 85.1 65.0 97.4

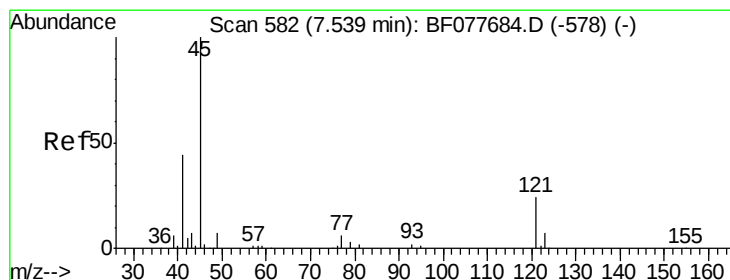
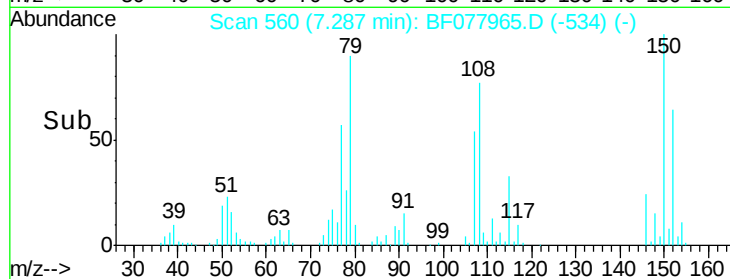
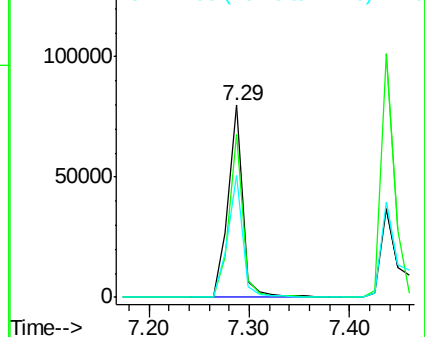
77 63.5 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.85 ng

RT: 7.46 min Scan# 575

Delta R.T. 0.00 min

Lab File: BF077965.D

Acq: 25 Mar 2015 21:48

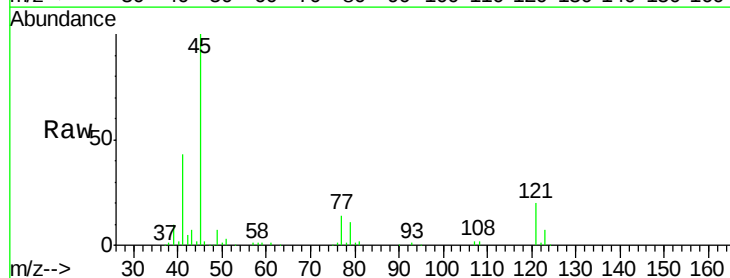
Tgt Ion: 45 Resp: 120522

Ion Ratio Lower Upper

45 100

77 14.4 0.0 35.2

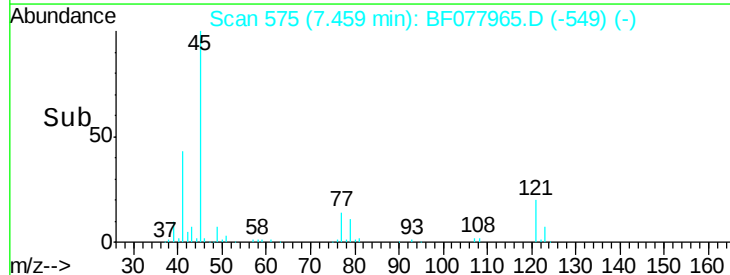
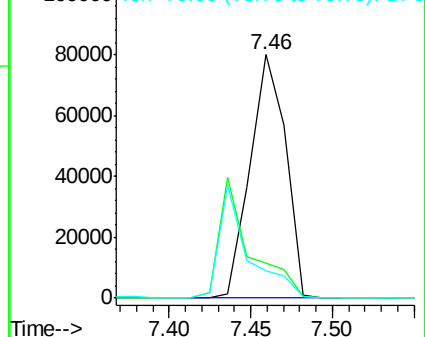
79 11.5 0.0 32.0

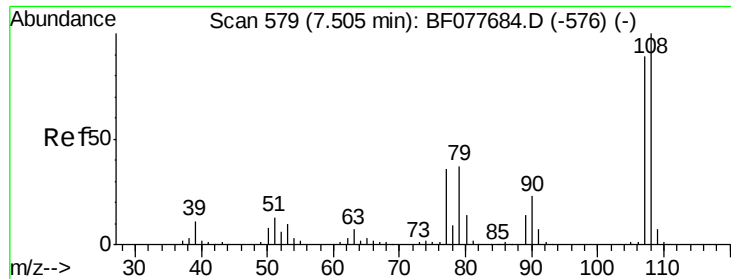


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

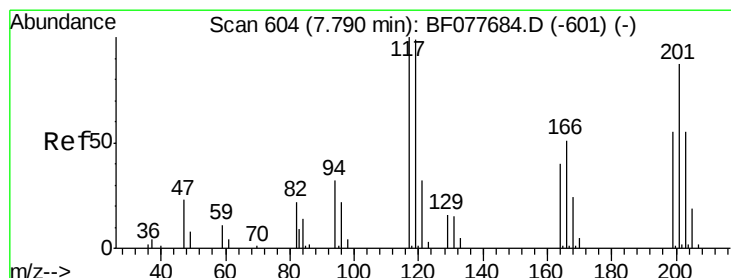
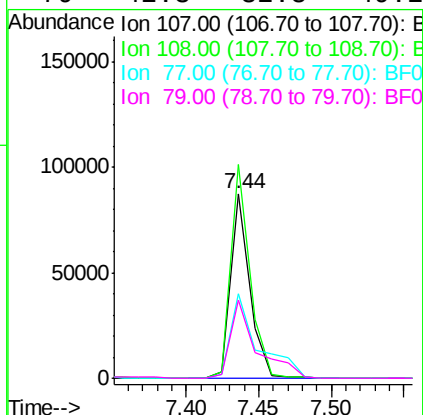
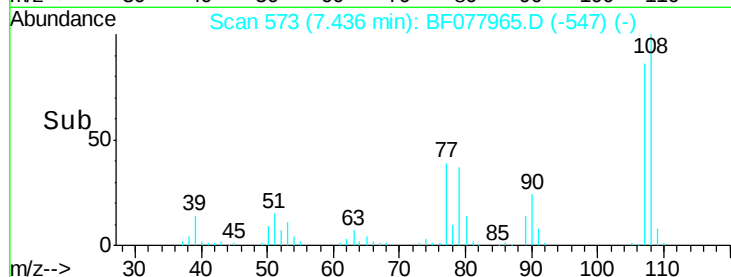
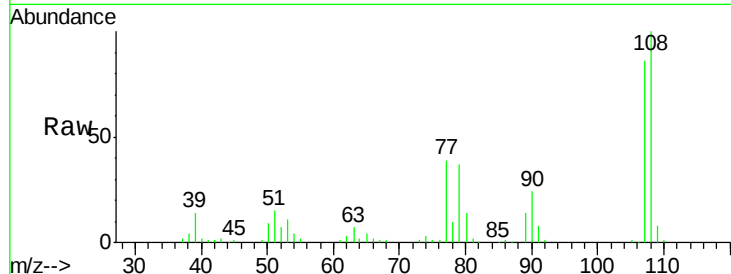




#17
2-Methylphenol
Concen: 33.10 ng
RT: 7.44 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF077965.D
Acq: 25 Mar 2015 21:48

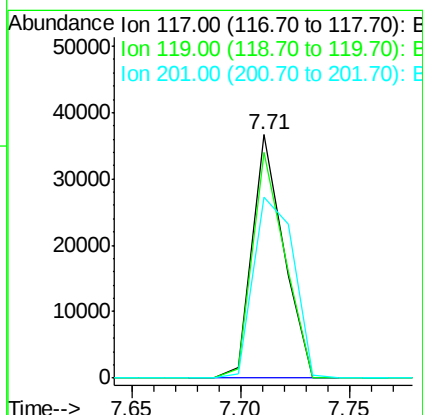
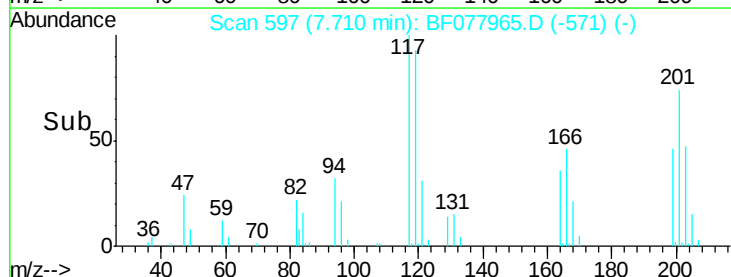
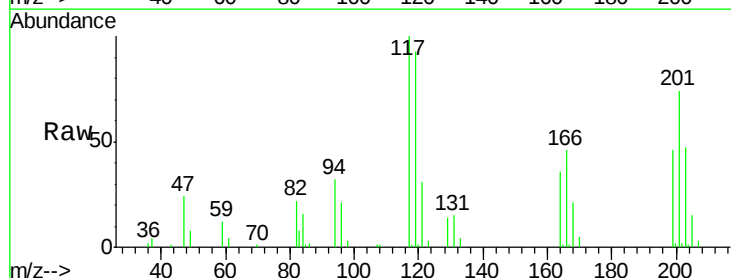
Instrument :
BNA_F
ClientSampleId :
PB82320BS

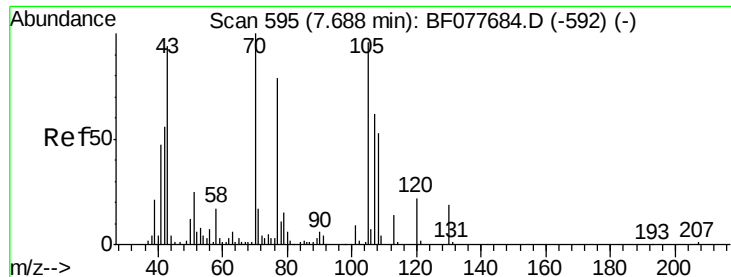
Tot Ion:	107	Resp:	79830
Ion	Ratio	Lower	Upper
107	100		
108	115.6	89.8	134.8
77	45.5	32.6	48.8
79	42.3	32.8	49.2



#18
Hexachloroethane
Concen: 32.84 ng
RT: 7.71 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF077965.D
Acq: 25 Mar 2015 21:48

Tgt Ion:	117	Resp:	36873
Ion	Ratio	Lower	Upper
117	100		
119	92.6	79.2	118.8
201	74.2	69.8	104.6

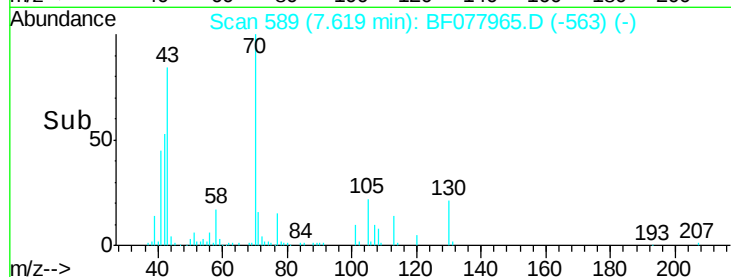
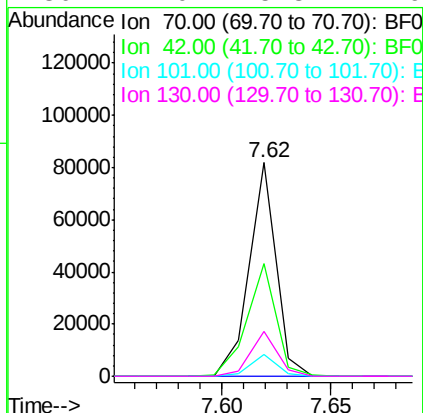
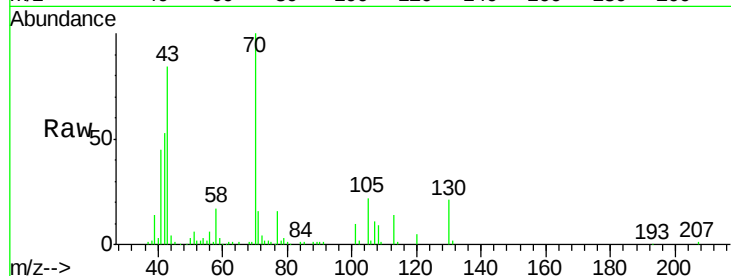




#19
n-Nitroso-di-n-propylamine
Concen: 33.03 ng
RT: 7.62 min Scan# 589
Delta R.T. 0.00 min
Lab File: BF077965.D
Acq: 25 Mar 2015 21:48

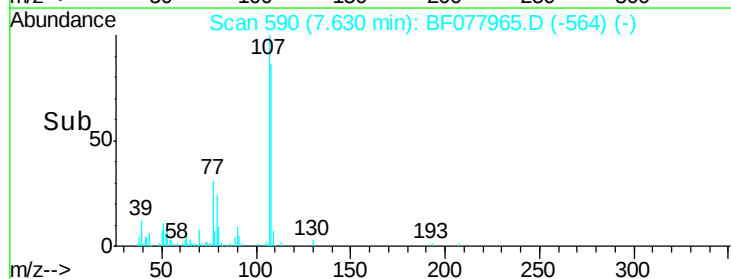
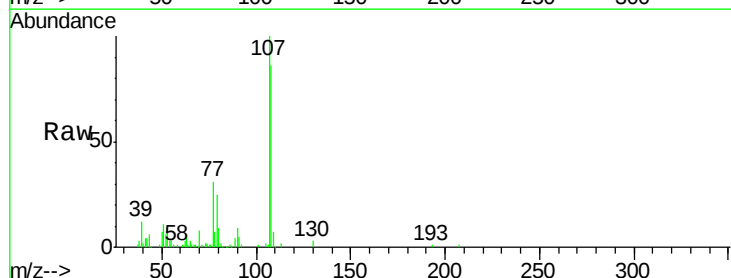
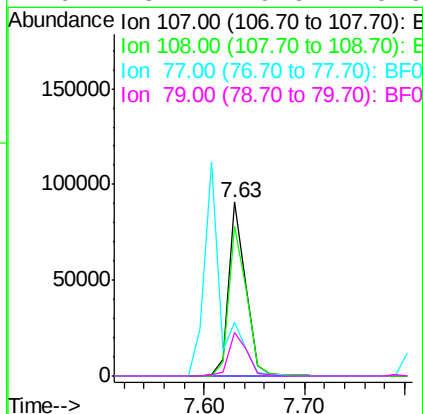
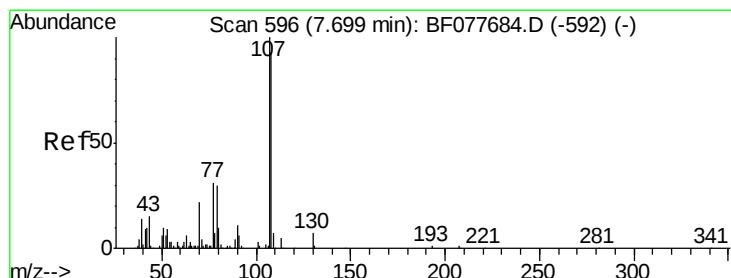
Instrument :
BNA_F
ClientSampleId :
PB82320BS

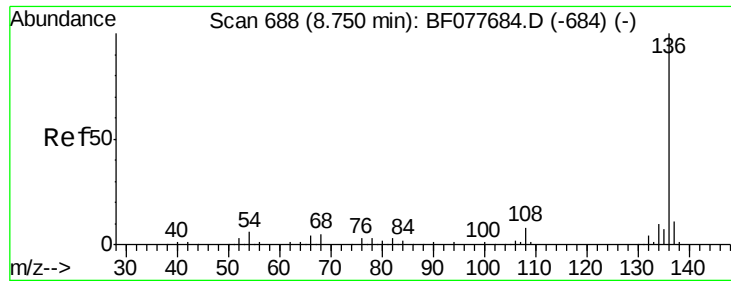
Tot Ion:	70	Resp:	70257
Ion	Ratio	Lower	Upper
70	100		
42	52.5	44.5	66.7
101	10.0	7.4	11.2
130	21.0	15.3	22.9



#20
3+4-Methylphenols
Concen: 33.78 ng
RT: 7.63 min Scan# 590
Delta R.T. 0.00 min
Lab File: BF077965.D
Acq: 25 Mar 2015 21:48

Tgt Ion:	107	Resp:	106892
Ion	Ratio	Lower	Upper
107	100		
108	85.9	73.2	113.2
77	31.1	10.7	50.7
79	25.4	9.6	49.6

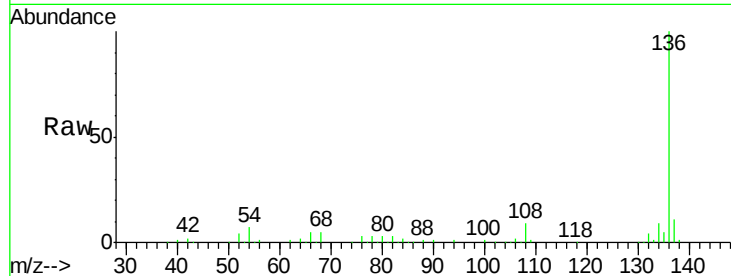




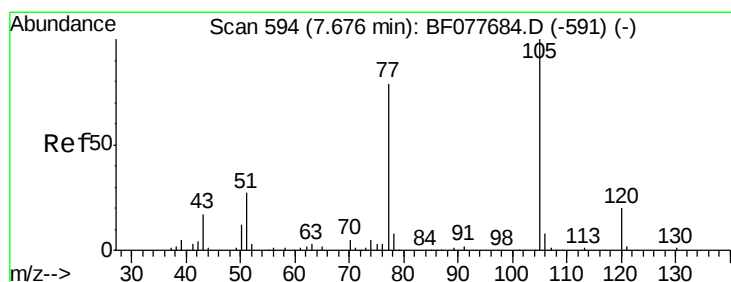
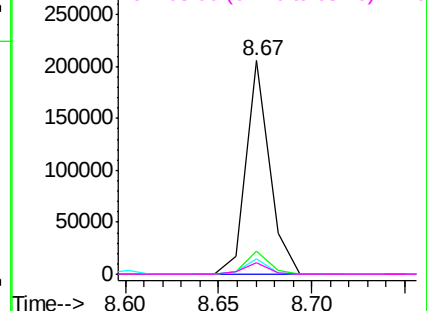
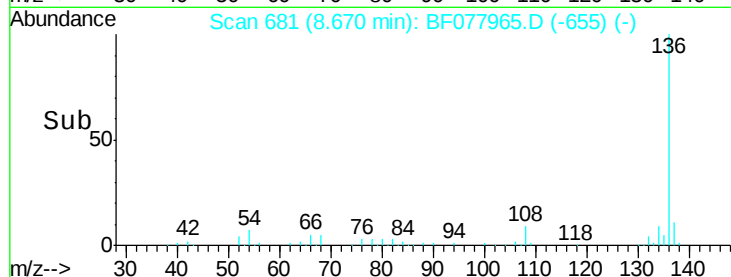
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF077965.D
Acq: 25 Mar 2015 21:48

Instrument :
BNA_F
ClientSampleId :
PB82320BS

Tot Ion:136	Resp:	180607
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.7 13.1
54	7.4	4.6 6.8#
68	5.5	3.7 5.5

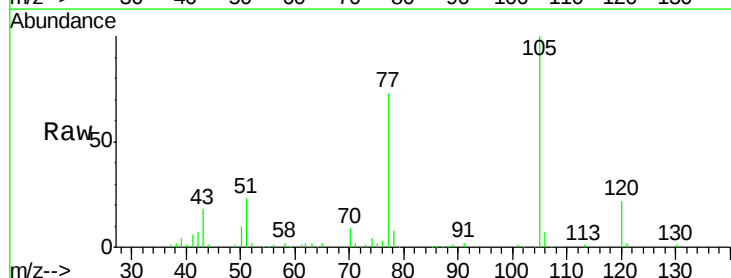


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

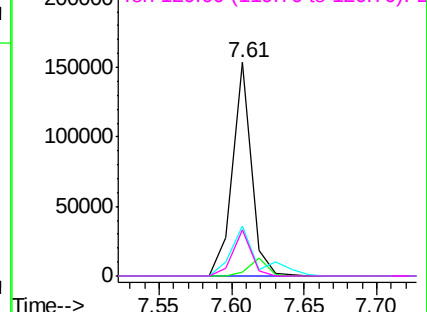
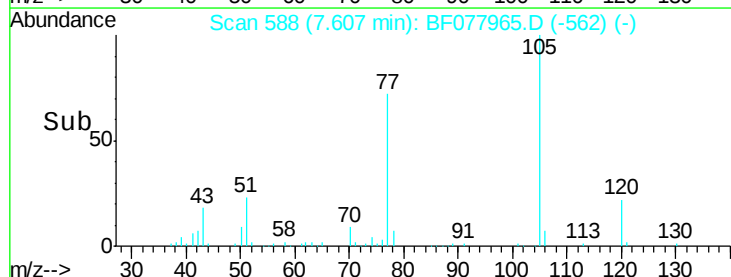


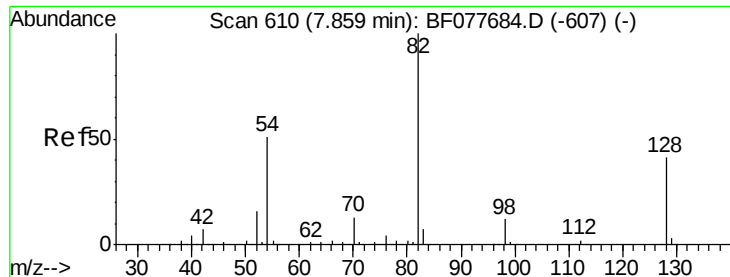
#22
Acetophenone
Concen: 34.80 ng
RT: 7.61 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF077965.D
Acq: 25 Mar 2015 21:48

Tgt Ion:105	Resp:	139129
Ion Ratio	Lower	Upper
105	100	
71	1.7	0.6 1.0#
51	23.4	21.6 32.4
120	21.8	16.1 24.1



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

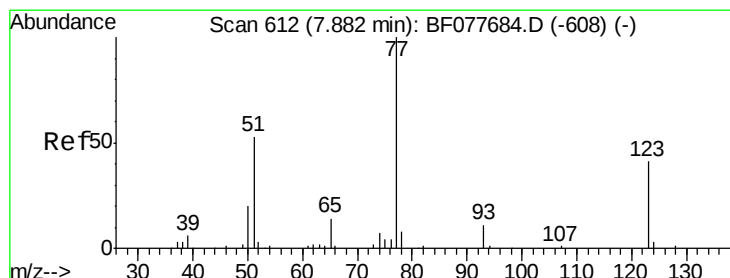
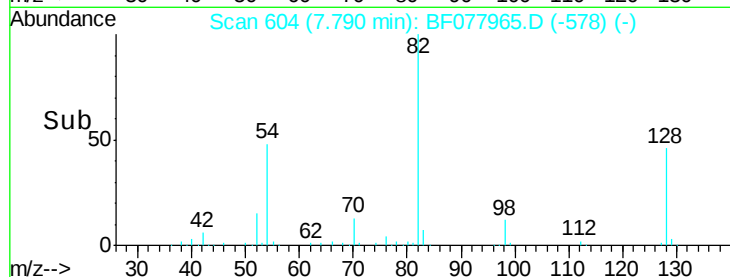
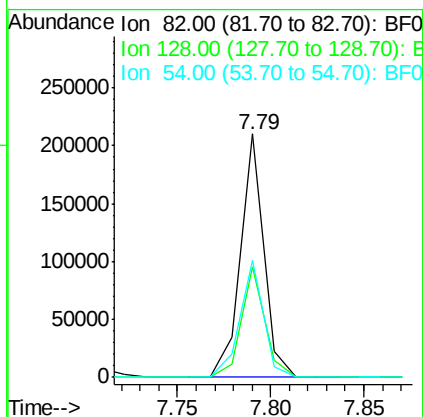
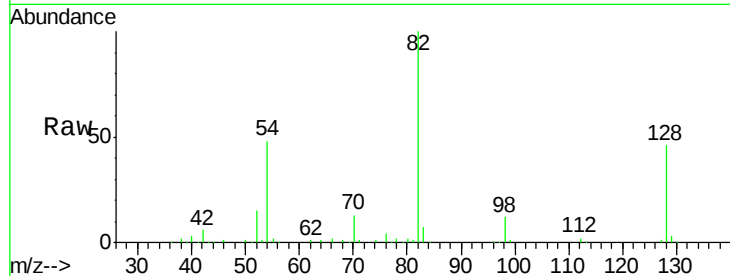




#23
 Nitrobenzene-d5
 Concen: 66.72 ng
 RT: 7.79 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF077965.D
 Acq: 25 Mar 2015 21:48

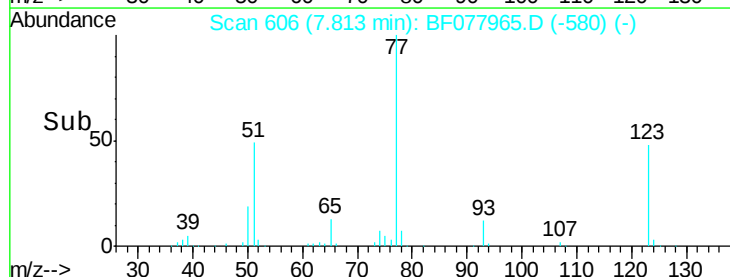
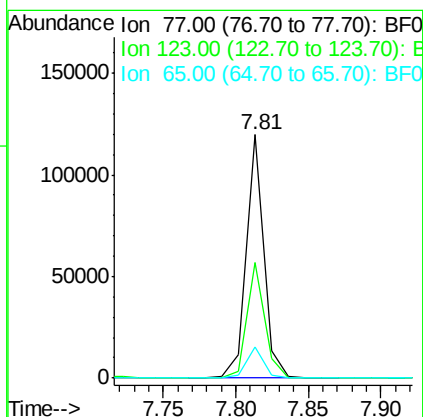
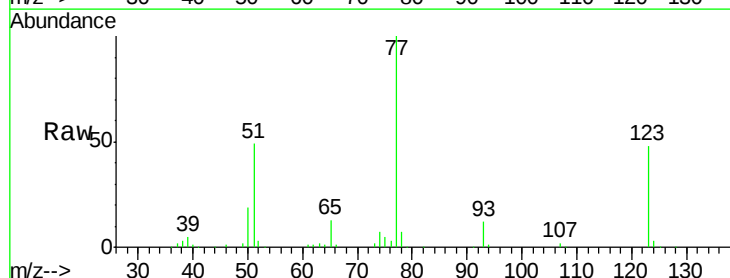
Instrument :
 BNA_F
 ClientSampleId :
 PB82320BS

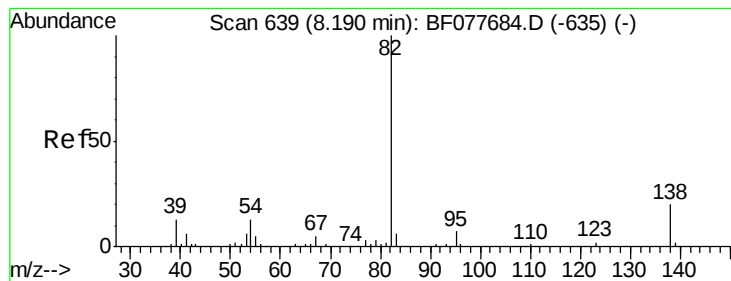
Tot Ion: 82 Resp: 183826
 Ion Ratio Lower Upper
 82 100
 128 45.6 32.8 49.2
 54 48.1 40.6 60.8



#24
 Nitrobenzene
 Concen: 33.93 ng
 RT: 7.81 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF077965.D
 Acq: 25 Mar 2015 21:48

Tgt Ion: 77 Resp: 100717
 Ion Ratio Lower Upper
 77 100
 123 47.7 32.6 49.0
 65 13.1 10.9 16.3





#25

Isophorone

Concen: 31.21 ng

RT: 8.11 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF077965.D

Acq: 25 Mar 2015 21:48

Instrument :

BNA_F

ClientSampleId :

PB82320BS

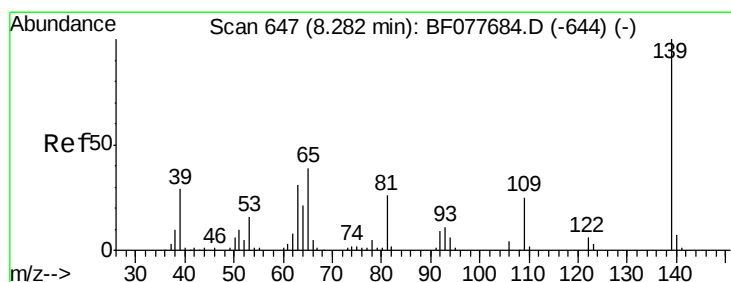
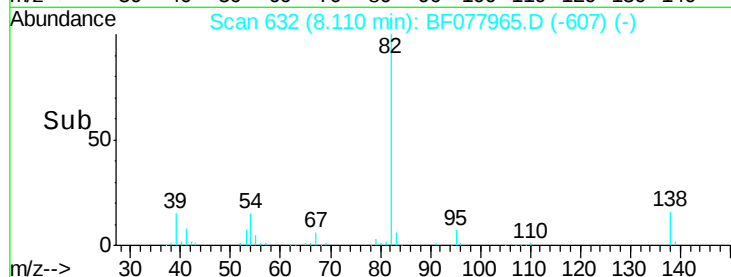
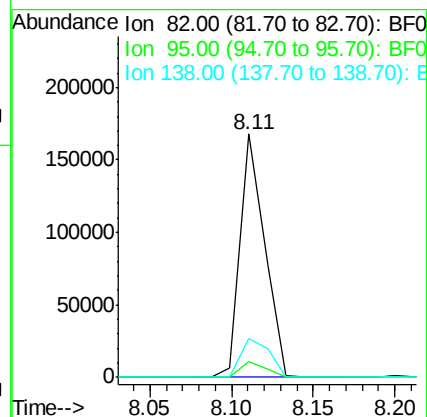
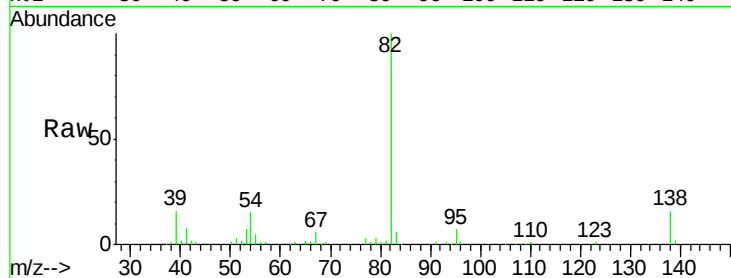
Tot Ion: 82 Resp: 173642

Ion Ratio Lower Upper

82 100

95 6.5 5.8 8.6

138 16.1 16.3 24.5#



#26

2-Nitrophenol

Concen: 31.75 ng

RT: 8.21 min Scan# 641

Delta R.T. 0.00 min

Lab File: BF077965.D

Acq: 25 Mar 2015 21:48

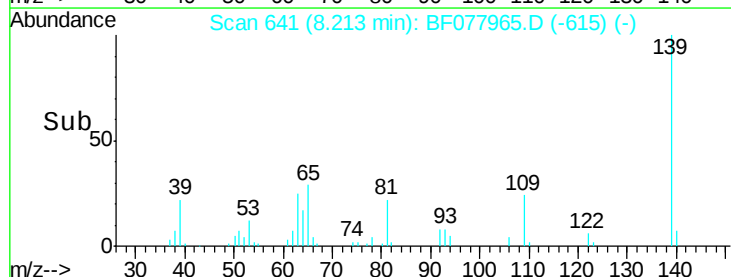
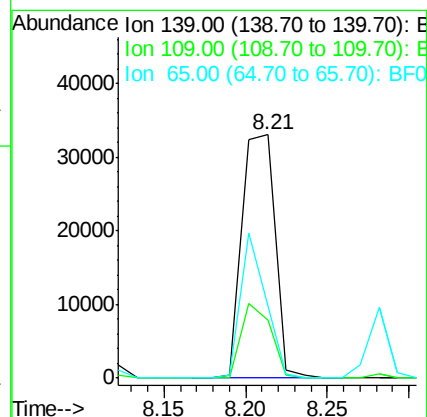
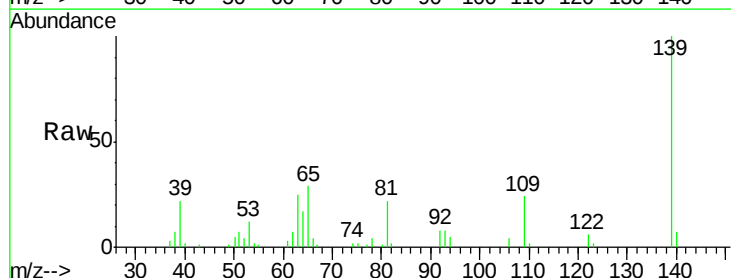
Tgt Ion: 139 Resp: 46135

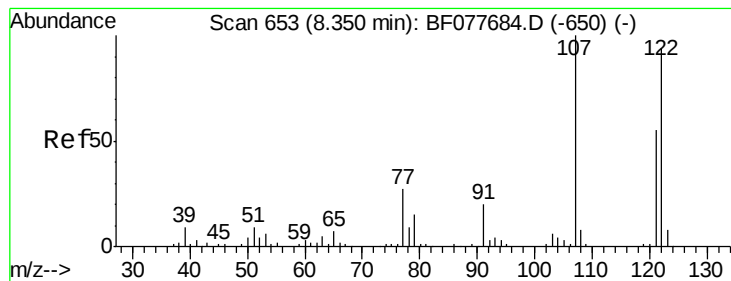
Ion Ratio Lower Upper

139 100

109 23.7 20.1 30.1

65 29.4 31.5 47.3#





#27

2,4-Dimethylphenol

Concen: 35.17 ng

RT: 8.28 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF077965.D

Acq: 25 Mar 2015 21:48

Instrument :

BNA_F

ClientSampleId :

PB82320BS

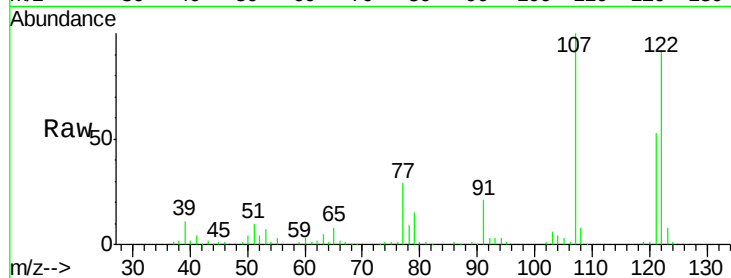
Tot Ion:122 Resp: 93119

Ion Ratio Lower Upper

122 100

107 109.2 84.7 127.1

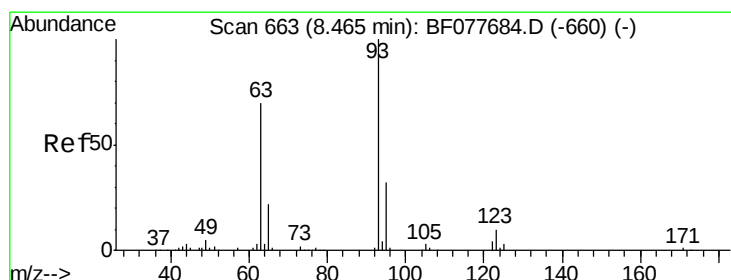
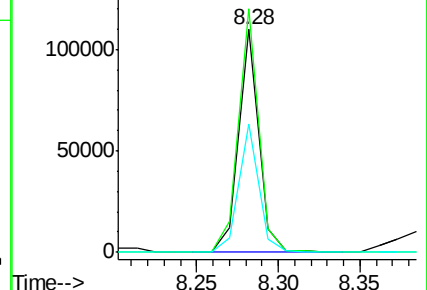
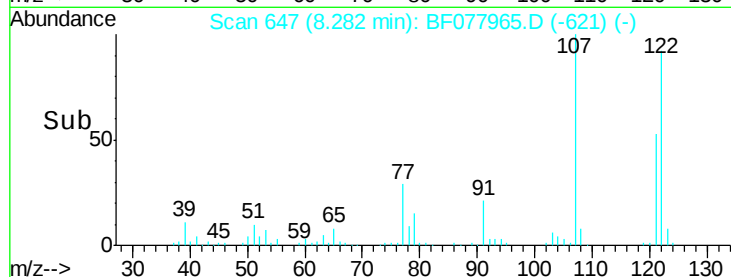
121 57.8 46.6 69.8



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: 33.27 ng

RT: 8.40 min Scan# 657

Delta R.T. 0.00 min

Lab File: BF077965.D

Acq: 25 Mar 2015 21:48

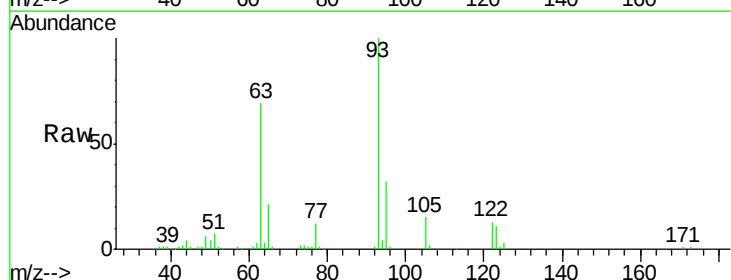
Tgt Ion: 93 Resp: 112368

Ion Ratio Lower Upper

93 100

95 32.2 25.5 38.3

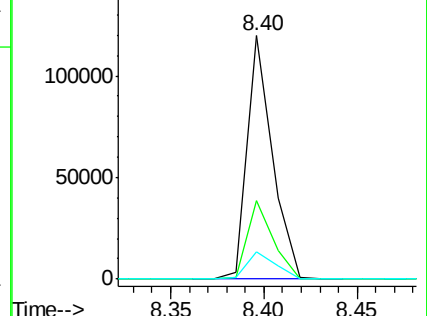
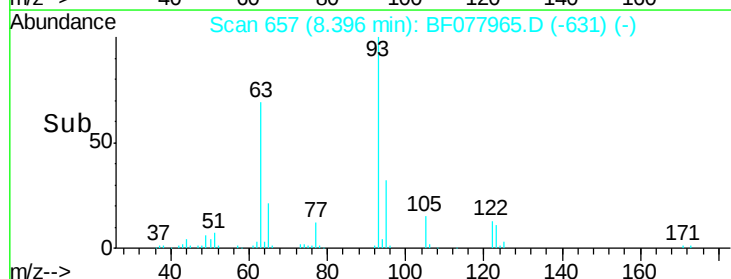
123 11.1 8.6 13.0

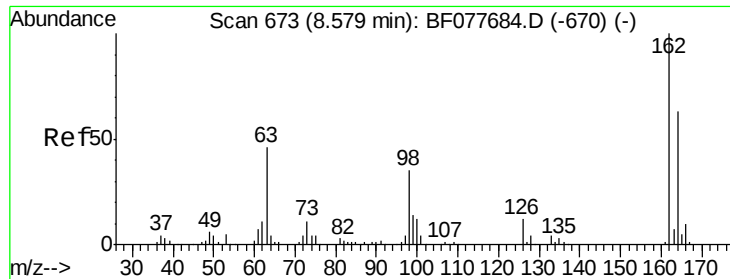


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

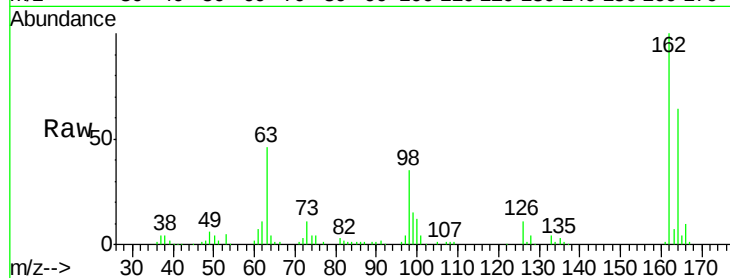




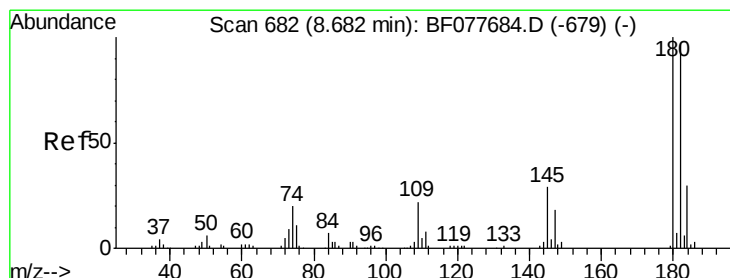
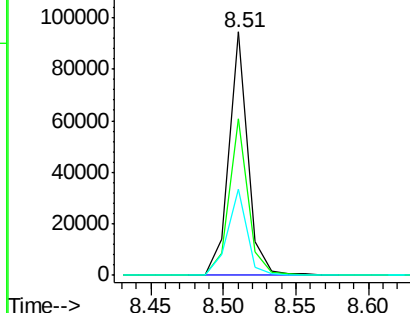
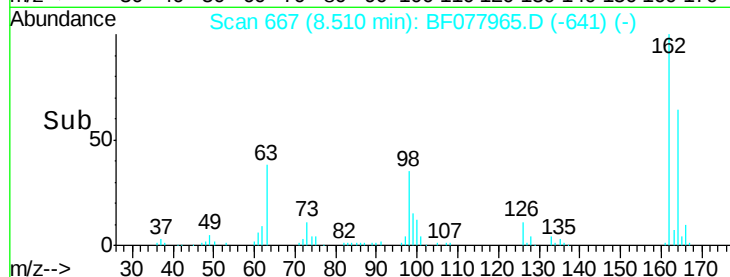
#29
 2,4-Dichlorophenol
 Concen: 33.86 ng
 RT: 8.51 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: BF077965.D
 Acq: 25 Mar 2015 21:48

Instrument :
 BNA_F
 ClientSampleId :
 PB82320BS

Tot Ion:162 Resp: 85451
 Ion Ratio Lower Upper
 162 100
 164 64.4 42.8 82.8
 98 35.2 14.5 54.5

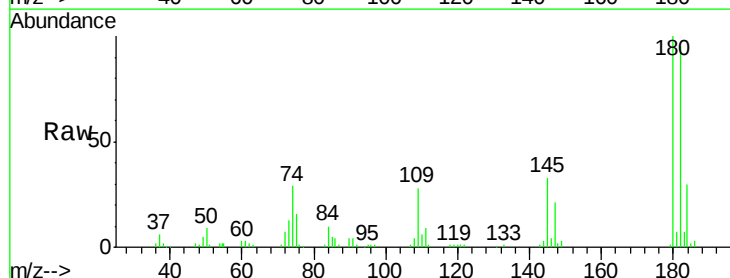


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

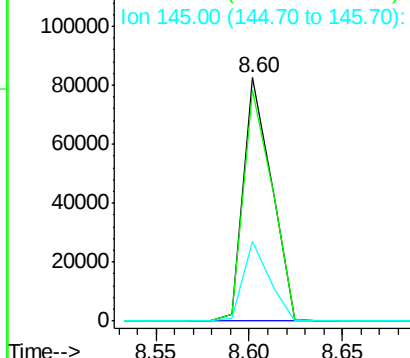
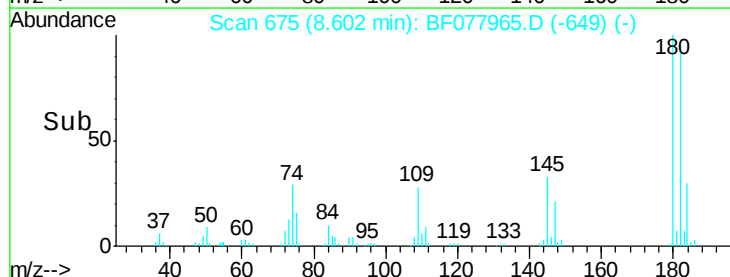


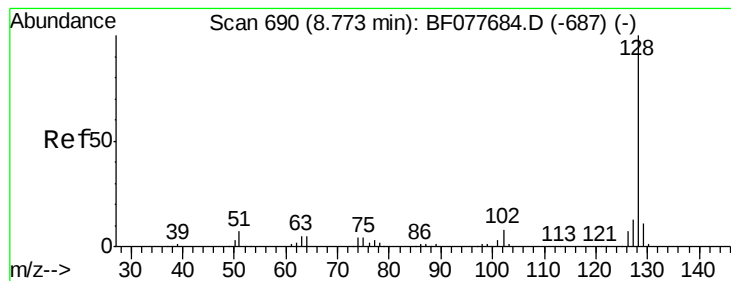
#30
 1,2,4-Trichlorobenzene
 Concen: 31.09 ng
 RT: 8.60 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF077965.D
 Acq: 25 Mar 2015 21:48

Tgt Ion:180 Resp: 87791
 Ion Ratio Lower Upper
 180 100
 182 94.9 77.6 116.4
 145 33.0 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: 30.76 ng

RT: 8.69 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF077965.D

Acq: 25 Mar 2015 21:48

Instrument :

BNA_F

ClientSampleId :

PB82320BS

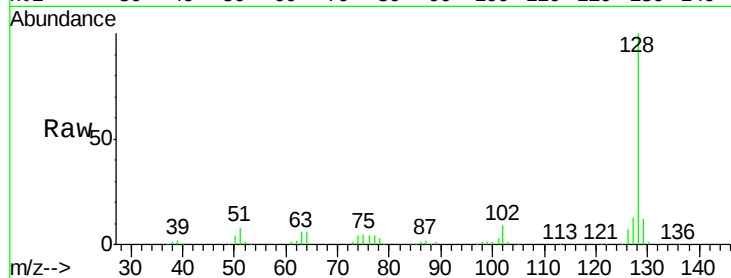
Tot Ion:128 Resp: 285331

Ion Ratio Lower Upper

128 100

129 11.6 8.9 13.3

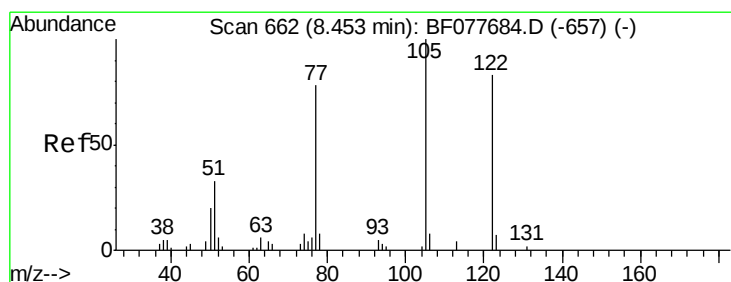
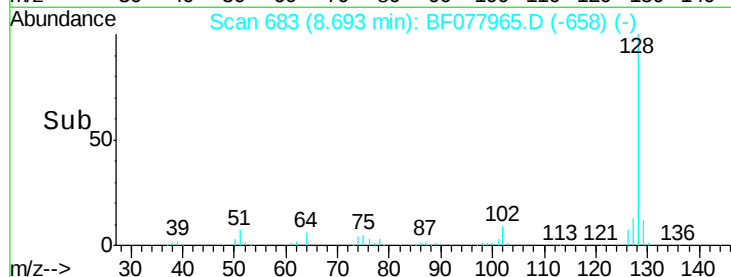
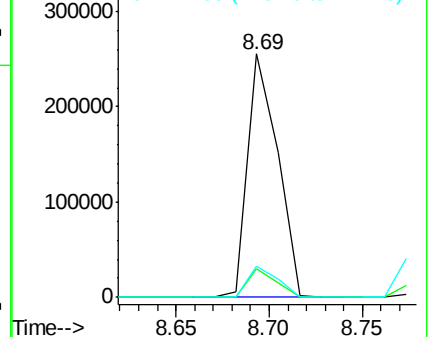
127 12.8 10.4 15.6



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: 27.50 ng

RT: 8.40 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF077965.D

Acq: 25 Mar 2015 21:48

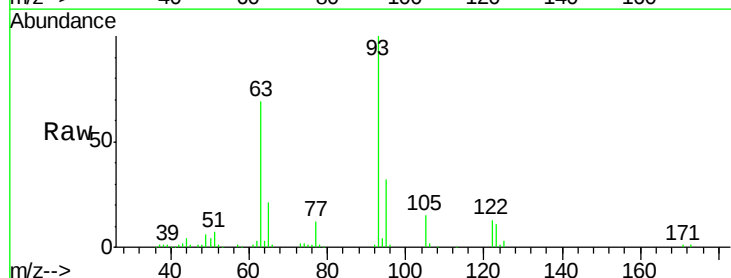
Tgt Ion:122 Resp: 38519

Ion Ratio Lower Upper

122 100

105 120.4 99.9 139.9

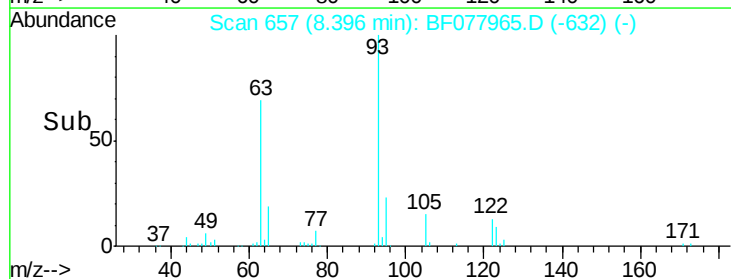
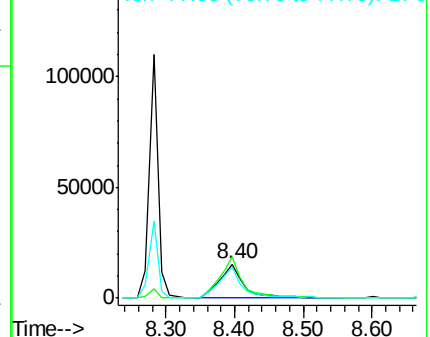
77 91.7 73.7 113.7

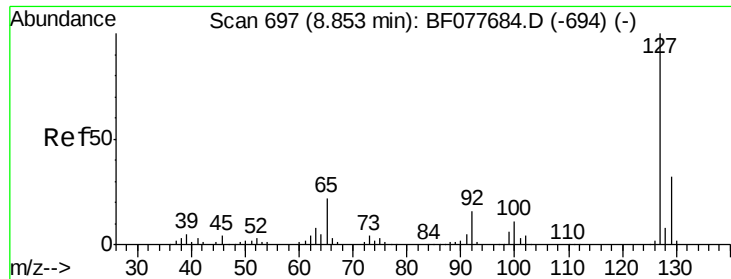


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

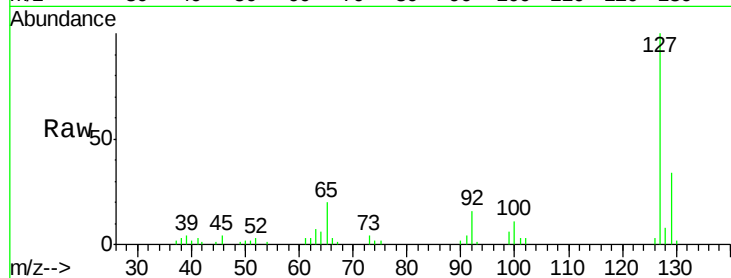




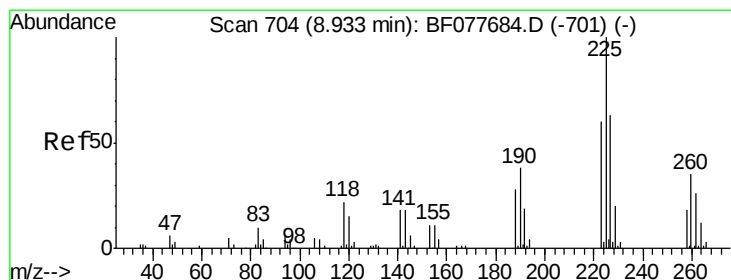
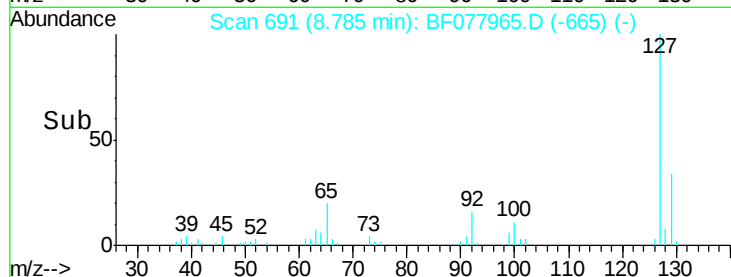
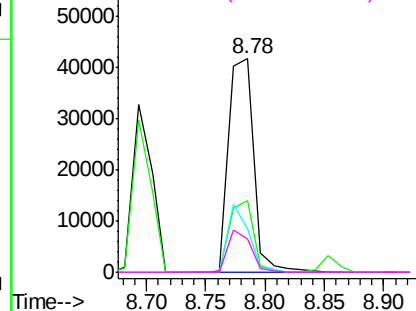
#33
4-Chloroaniline
Concen: 16.17 ng
RT: 8.78 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF077965.D
Acq: 25 Mar 2015 21:48

Instrument :
BNA_F
ClientSampleId :
PB82320BS

Tot Ion:	127	Resp:	60873
Ion	Ratio	Lower	Upper
127	100		
129	33.6	25.3	37.9
65	20.3	17.6	26.4
92	15.6	13.1	19.7

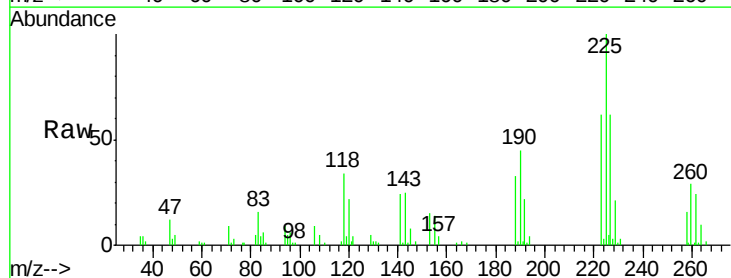


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

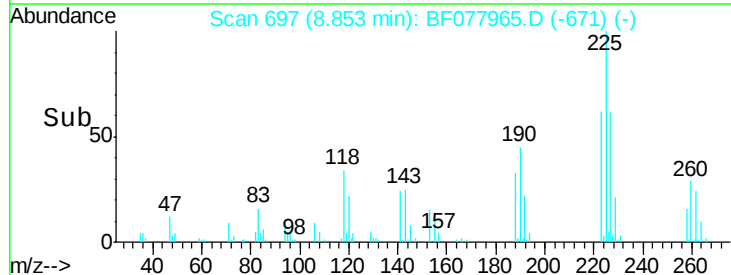
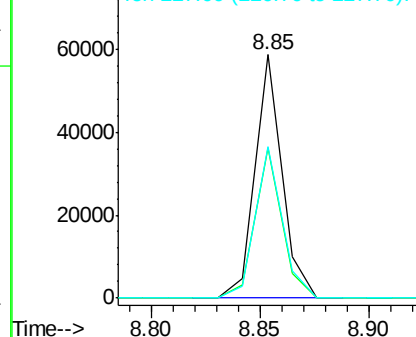


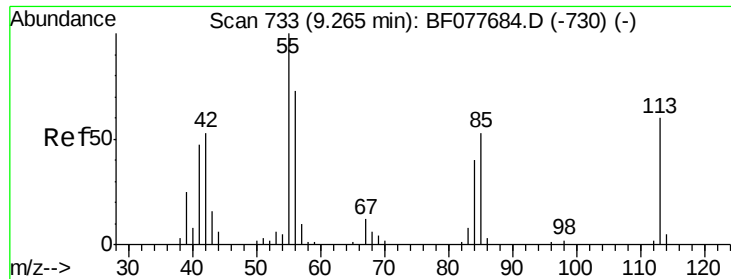
#34
Hexachlorobutadiene
Concen: 31.43 ng
RT: 8.85 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF077965.D
Acq: 25 Mar 2015 21:48

Tgt Ion:	225	Resp:	50294
Ion	Ratio	Lower	Upper
225	100		
223	61.6	47.9	71.9
227	62.1	50.1	75.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

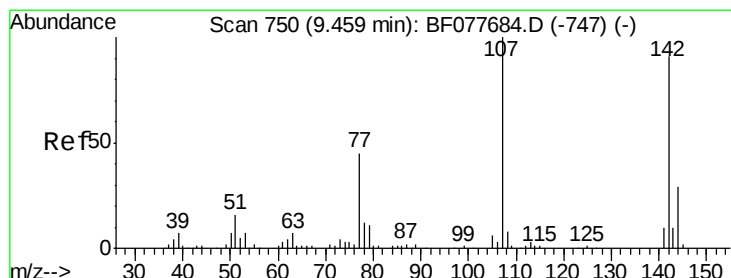
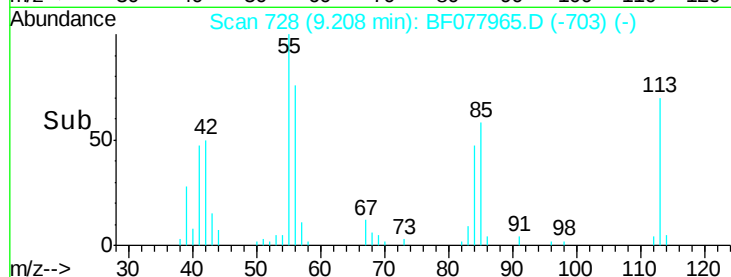
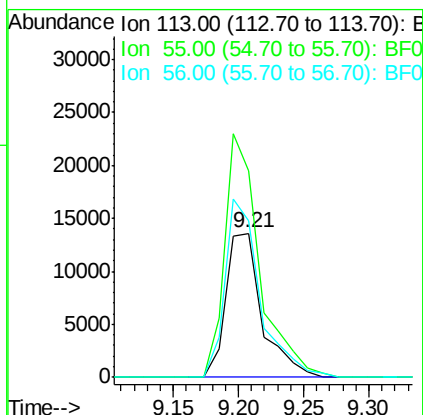
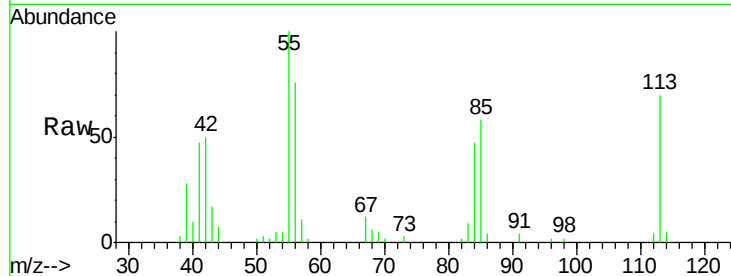




#35
Caprolactam
Concen: 35.55 ng
RT: 9.21 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF077965.D
Acq: 25 Mar 2015 21:48

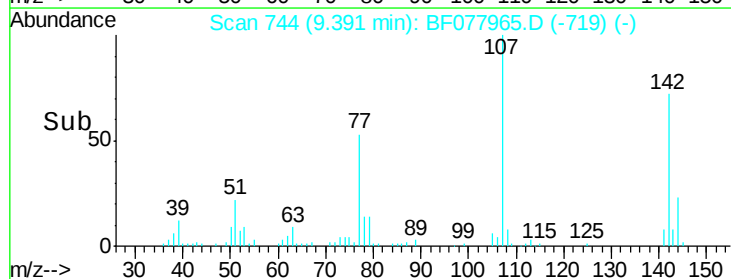
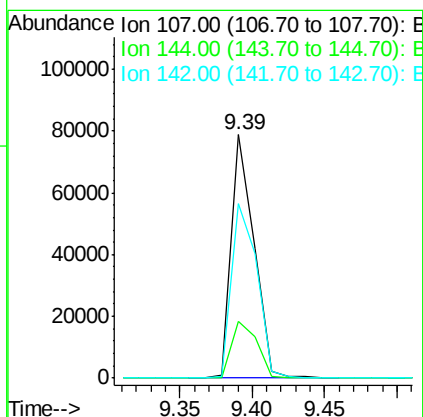
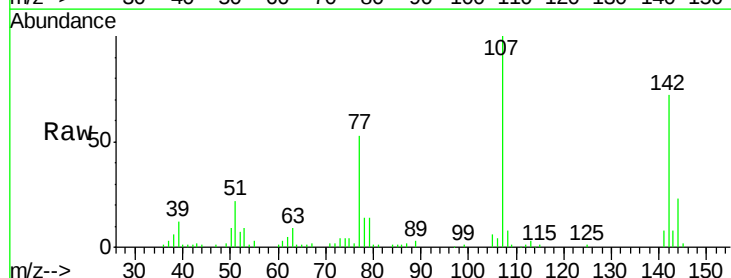
Instrument :
BNA_F
ClientSampleId :
PB82320BS

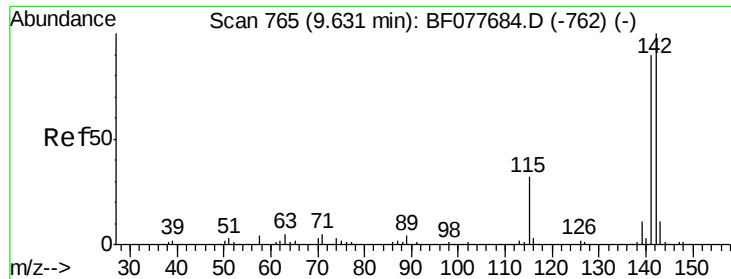
Tot Ion:113 Resp: 26217
Ion Ratio Lower Upper
113 100
55 143.3 145.9 185.9#
56 108.5 101.0 141.0



#36
4-Chloro-3-methylphenol
Concen: 33.87 ng
RT: 9.39 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF077965.D
Acq: 25 Mar 2015 21:48

Tgt Ion:107 Resp: 85986
Ion Ratio Lower Upper
107 100
144 23.3 23.3 34.9
142 71.8 72.6 109.0#

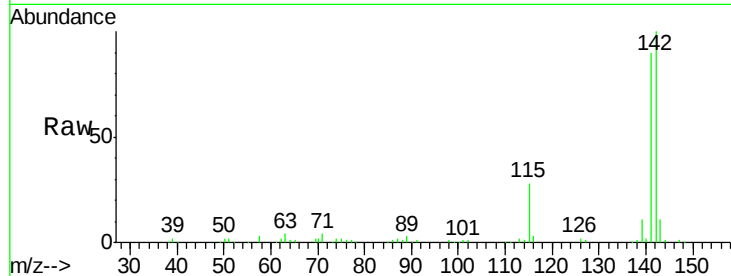




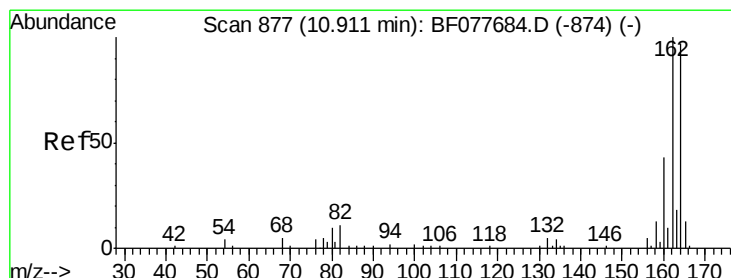
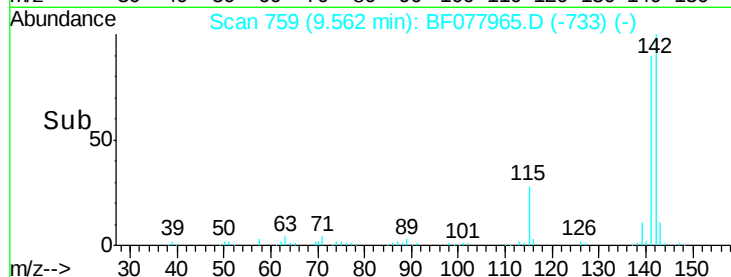
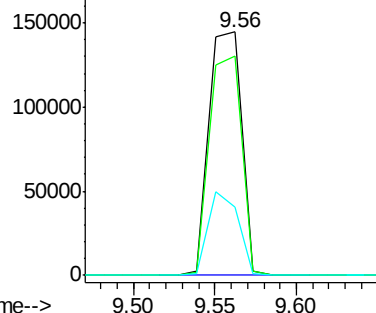
#37
 2-Methylnaphthalene
 Concen: 32.13 ng
 RT: 9.56 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BF077965.D
 Acq: 25 Mar 2015 21:48

Instrument :
 BNA_F
 ClientSampleId :
 PB82320BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.9	107.9
115	28.3	25.4	38.0

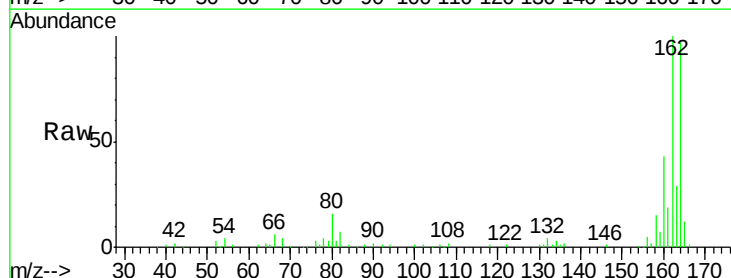


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

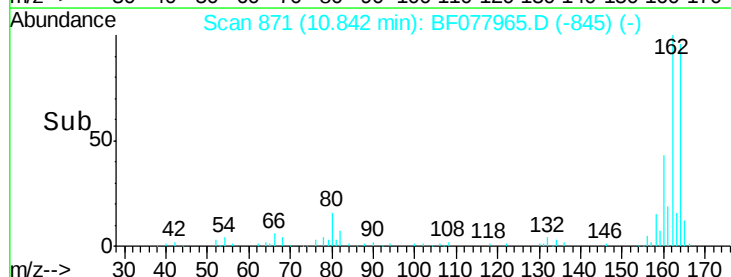
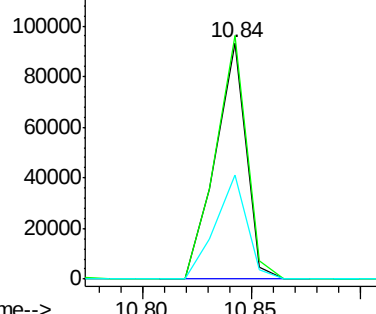


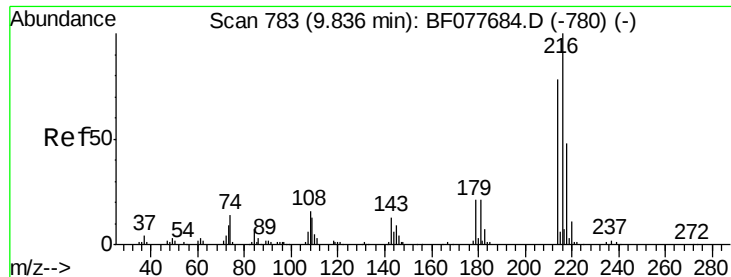
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF077965.D
 Acq: 25 Mar 2015 21:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.4	123.6
160	44.1	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: 30.95 ng

RT: 9.76 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF077965.D

Acq: 25 Mar 2015 21:48

Instrument :

BNA_F

ClientSampleId :

PB82320BS

Tot Ion:216 Resp: 84682

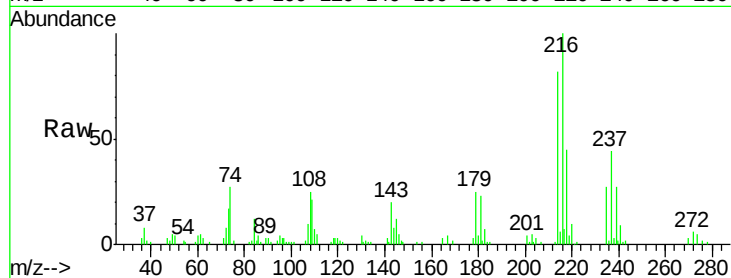
Ion Ratio Lower Upper

216 100

214 80.0 0.0 0.0#

179 21.2 0.0 0.0#

108 20.6 0.0 0.0#

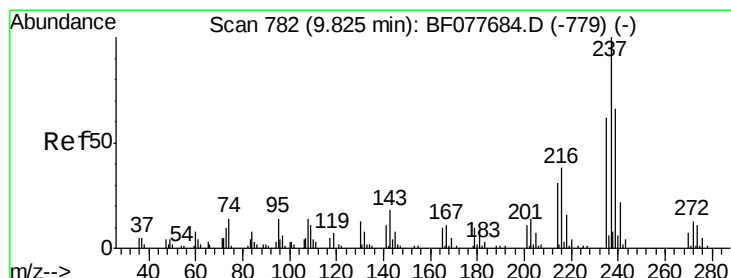
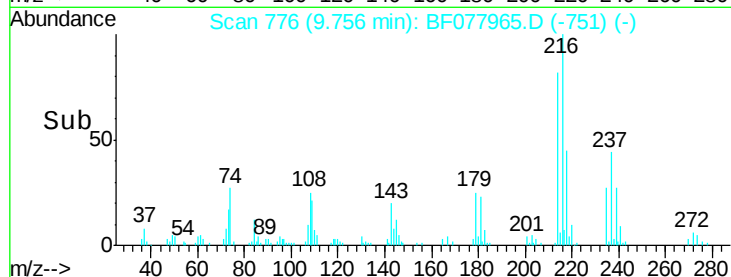
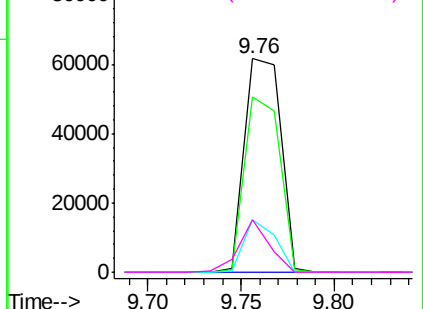


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 60.57 ng

RT: 9.74 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF077965.D

Acq: 25 Mar 2015 21:48

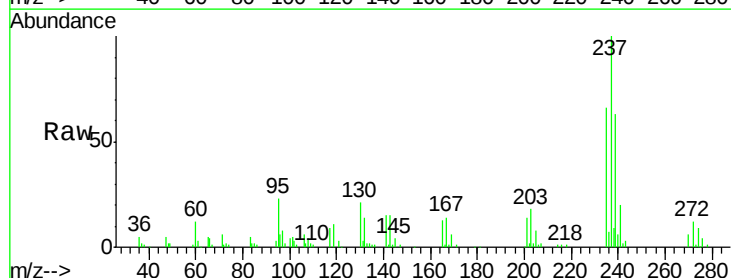
Tgt Ion:237 Resp: 81880

Ion Ratio Lower Upper

237 100

235 66.3 42.0 82.0

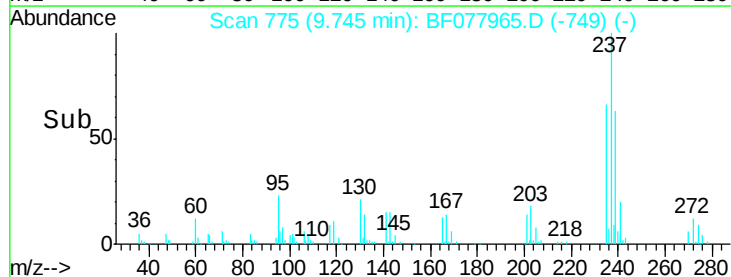
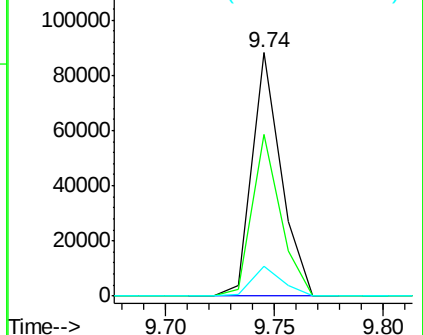
272 12.0 0.0 33.4

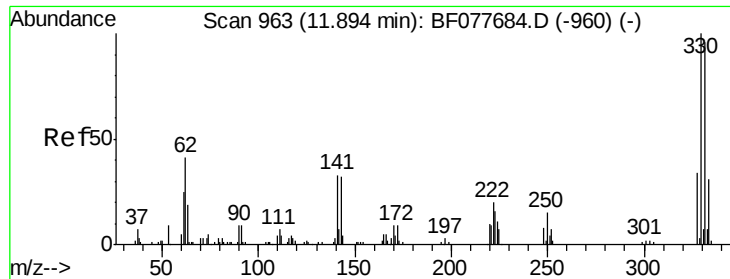


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

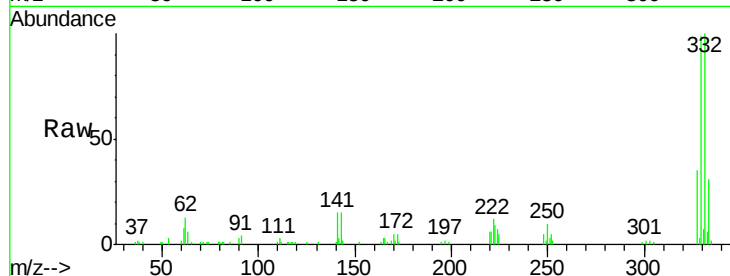




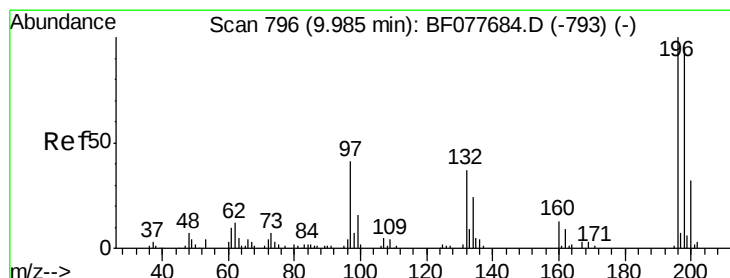
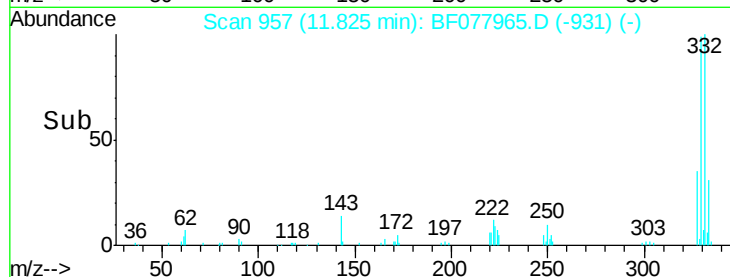
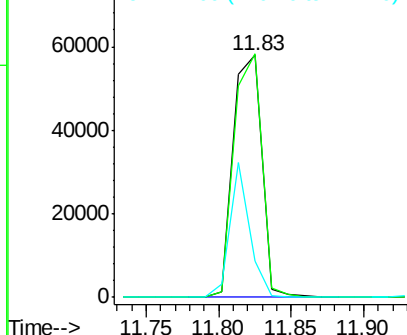
#41
 2,4,6-Tribromophenol
 Concen: 90.46 ng
 RT: 11.83 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF077965.D
 Acq: 25 Mar 2015 21:48

Instrument :
 BNA_F
 ClientSampleId :
 PB82320BS

Tot Ion:330 Resp: 79410
 Ion Ratio Lower Upper
 330 100
 332 97.6 0.0 0.0#
 141 38.4 0.0 0.0#

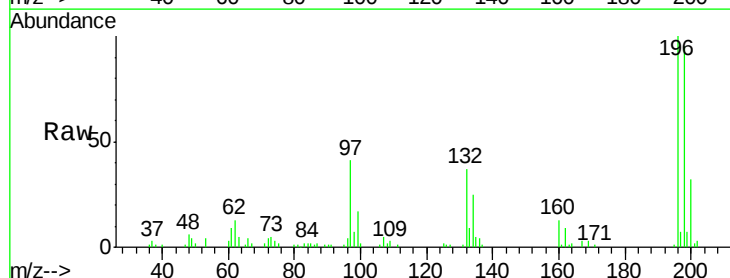


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

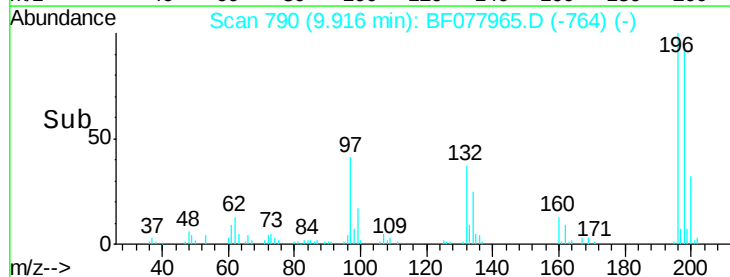
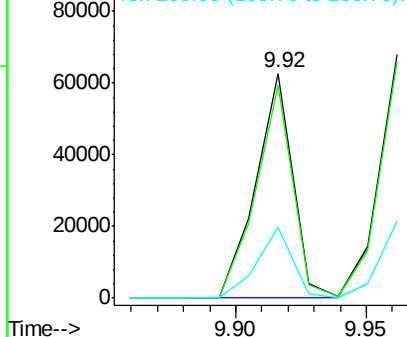


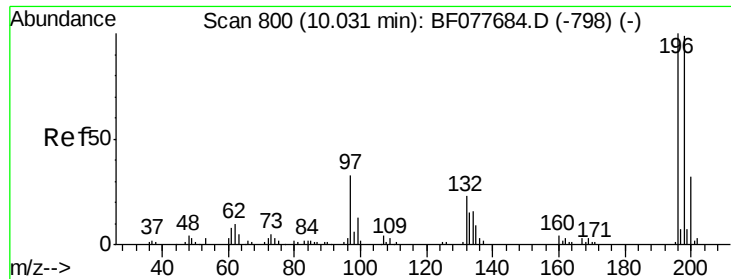
#42
 2,4,6-Trichlorophenol
 Concen: 32.46 ng
 RT: 9.92 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF077965.D
 Acq: 25 Mar 2015 21:48

Tgt Ion:196 Resp: 61522
 Ion Ratio Lower Upper
 196 100
 198 94.6 76.3 114.5
 200 31.8 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

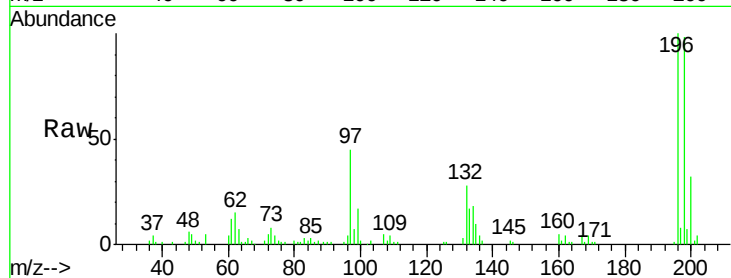




#43
 2,4,5-Trichlorophenol
 Concen: 31.18 ng
 RT: 9.96 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF077965.D
 Acq: 25 Mar 2015 21:48

Instrument :
 BNA_F
 ClientSampleId :
 PB82320BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.6	79.4	119.0
97	44.8	26.8	40.2
132	27.8	18.6	28.0



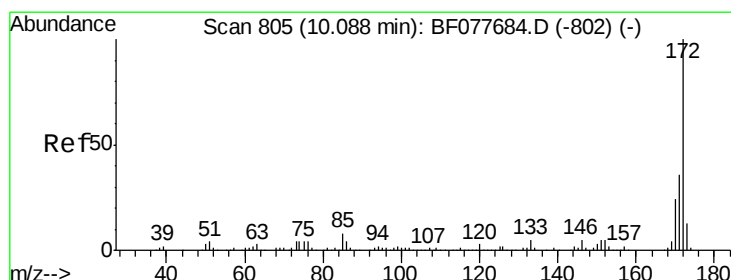
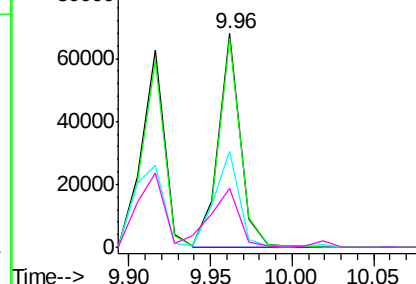
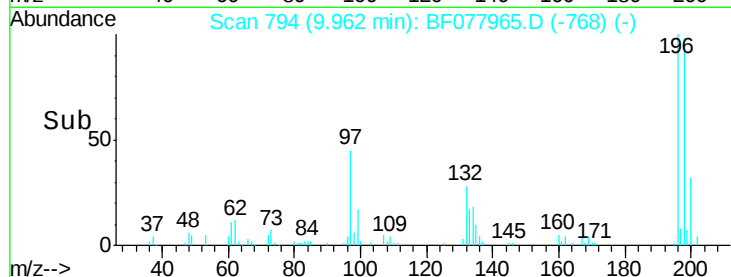
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

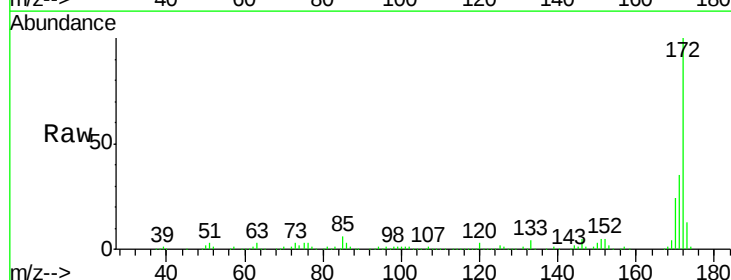
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 65.85 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077965.D
 Acq: 25 Mar 2015 21:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.8	18.8	28.2

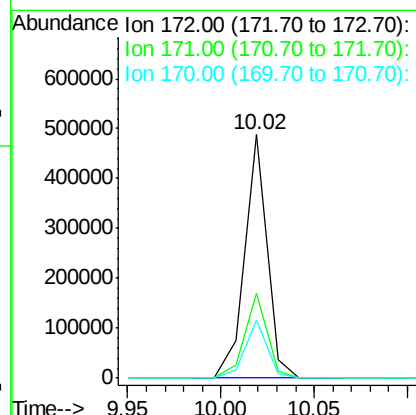
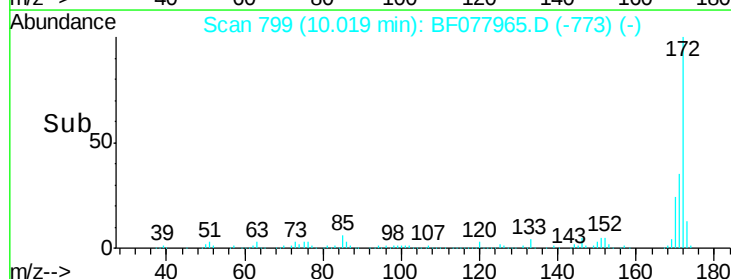


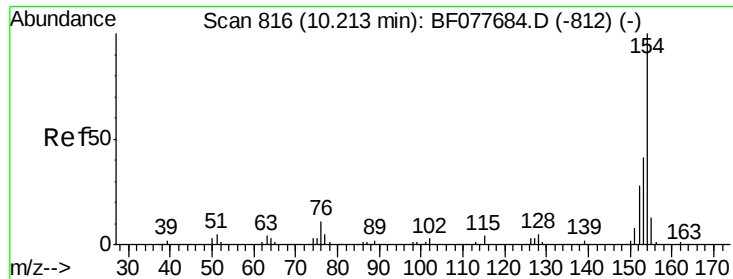
Abundance

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

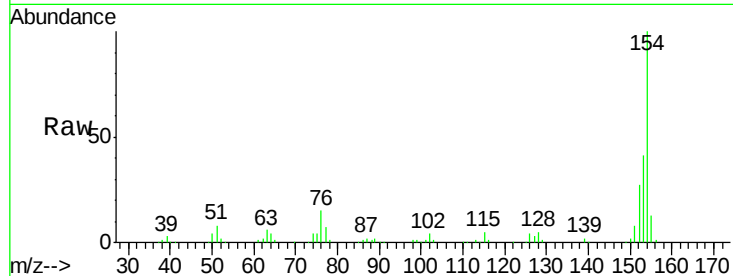




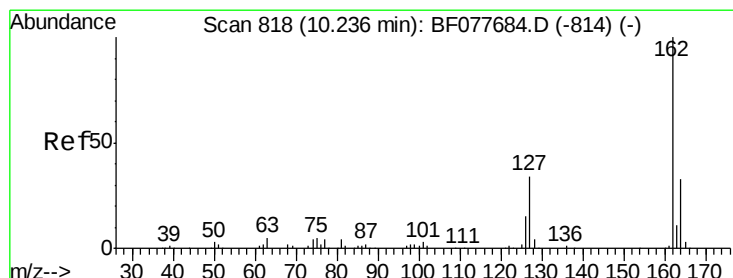
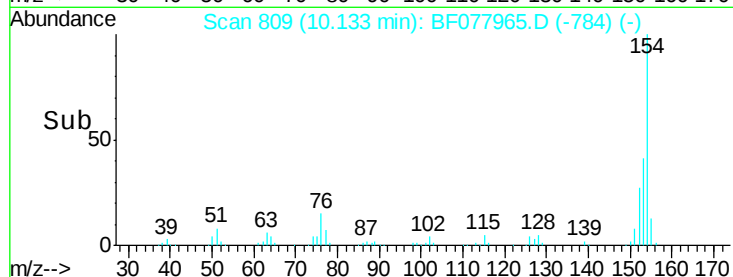
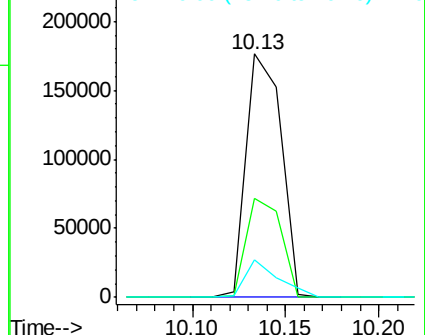
#45
1,1'-Biphenyl
Concen: 31.28 ng
RT: 10.13 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF077965.D
Acq: 25 Mar 2015 21:48

Instrument :
BNA_F
ClientSampleId :
PB82320BS

Tot Ion:154 Resp: 229420
Ion Ratio Lower Upper
154 100
153 40.8 20.7 60.7
76 15.4 0.0 30.9

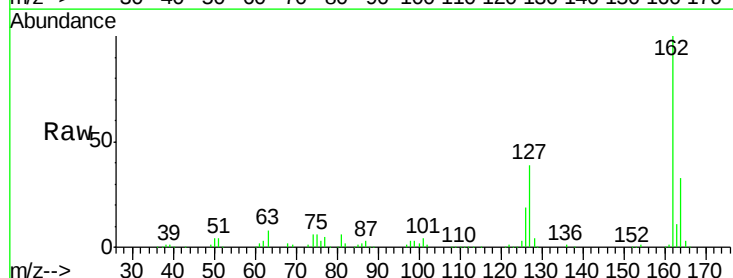


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

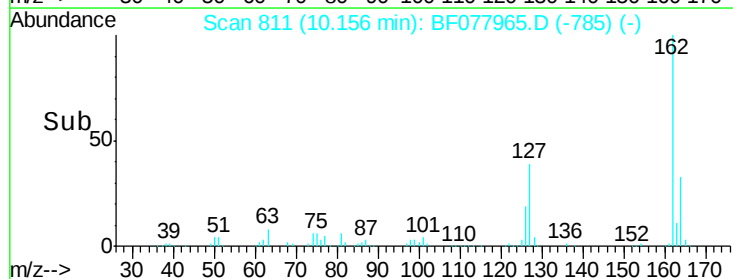
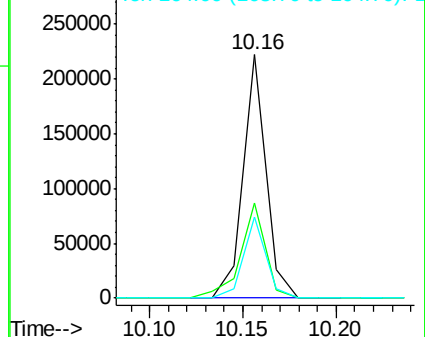


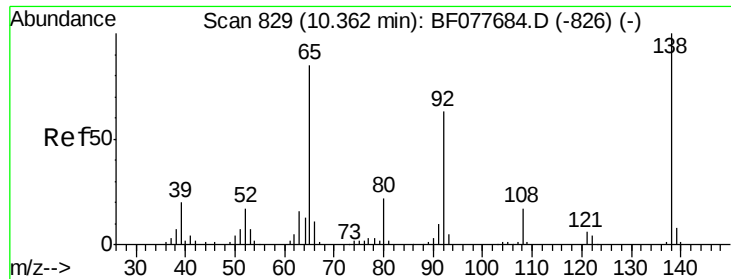
#46
2-Chloronaphthalene
Concen: 31.99 ng
RT: 10.16 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF077965.D
Acq: 25 Mar 2015 21:48

Tgt Ion:162 Resp: 190644
Ion Ratio Lower Upper
162 100
127 39.1 26.9 40.3
164 33.1 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

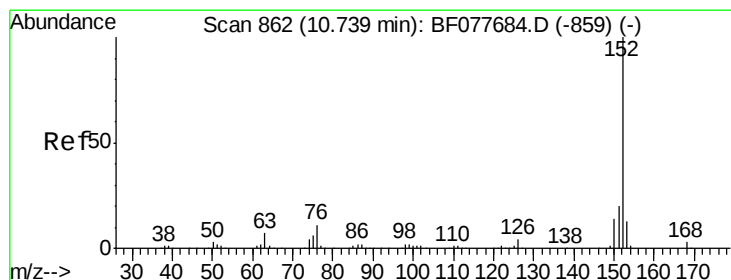
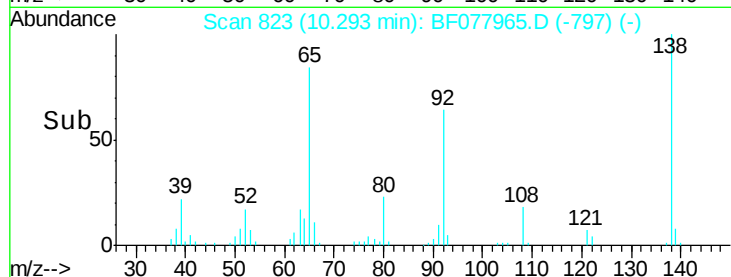
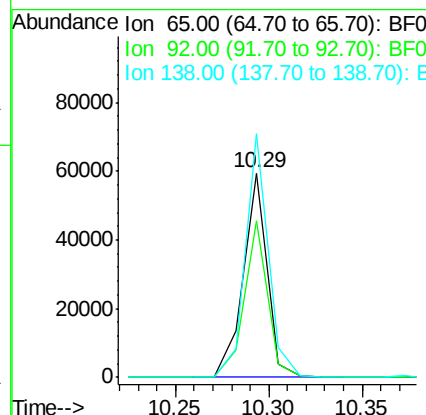
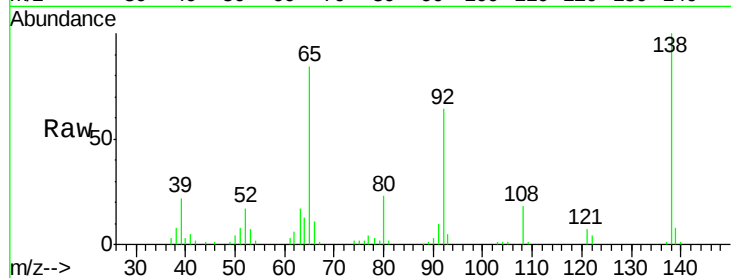




#47
 2-Nitroaniline
 Concen: 35.75 ng
 RT: 10.29 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF077965.D
 Acq: 25 Mar 2015 21:48

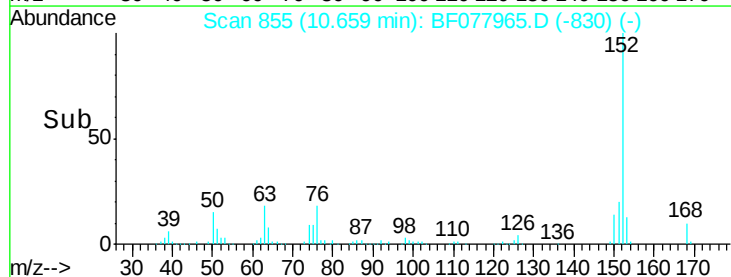
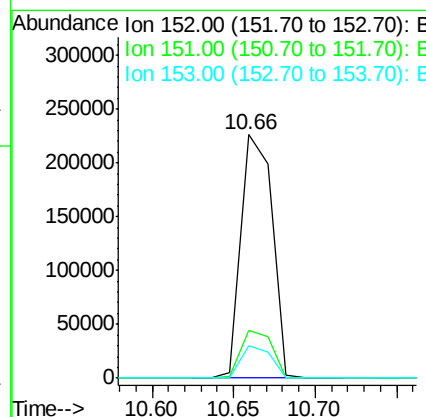
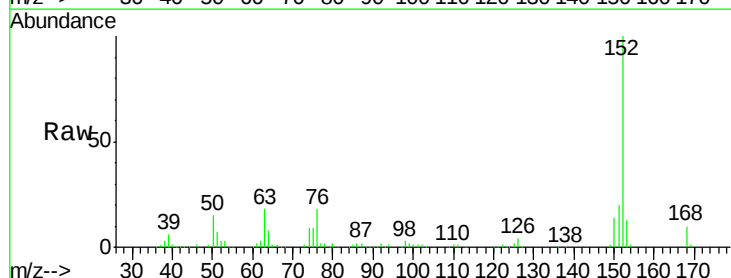
Instrument :
 BNA_F
 ClientSampleId :
 PB82320BS

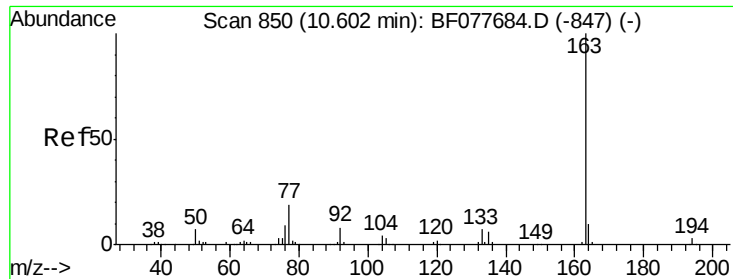
Tot Ion: 65 Resp: 52919
 Ion Ratio Lower Upper
 65 100
 92 76.7 59.1 88.7
 138 119.3 93.9 140.9



#48
 Acenaphthylene
 Concen: 30.04 ng
 RT: 10.66 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: BF077965.D
 Acq: 25 Mar 2015 21:48

Tgt Ion: 152 Resp: 297706
 Ion Ratio Lower Upper
 152 100
 151 19.7 15.9 23.9
 153 13.2 10.6 16.0

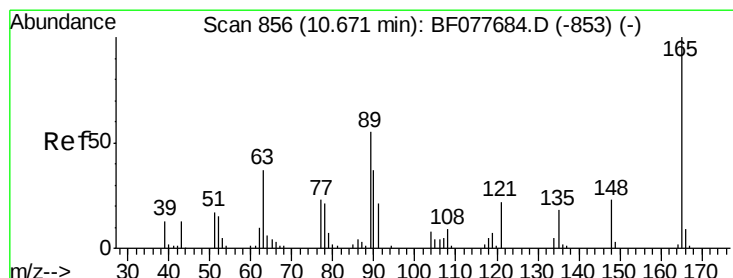
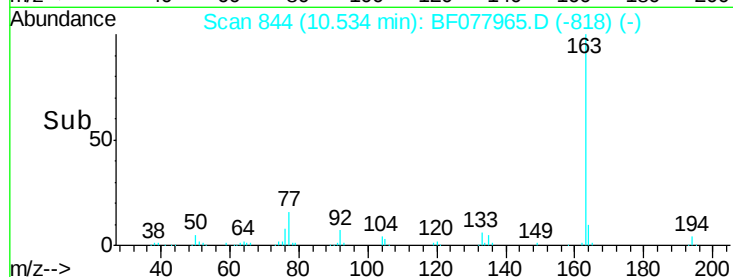
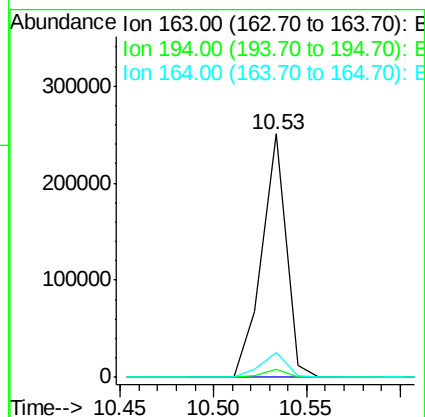
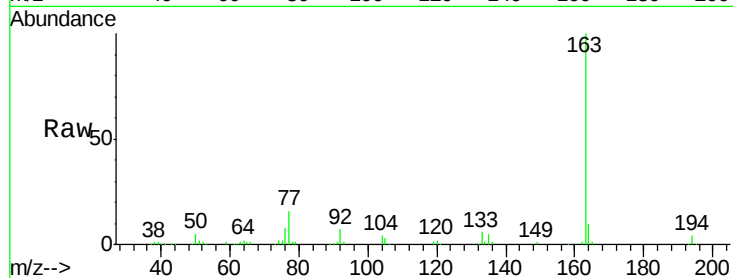




#49
Dimethylphthalate
Concen: 33.39 ng
RT: 10.53 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF077965.D
Acq: 25 Mar 2015 21:48

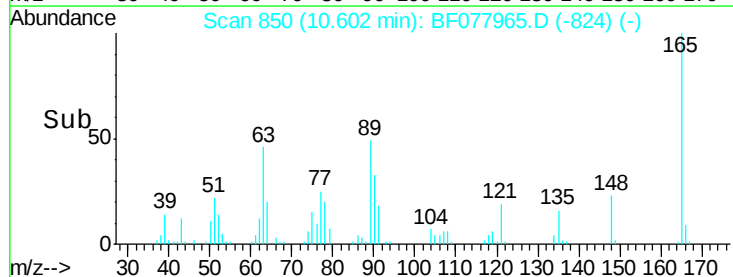
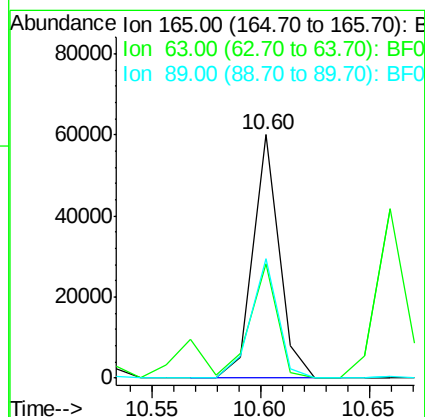
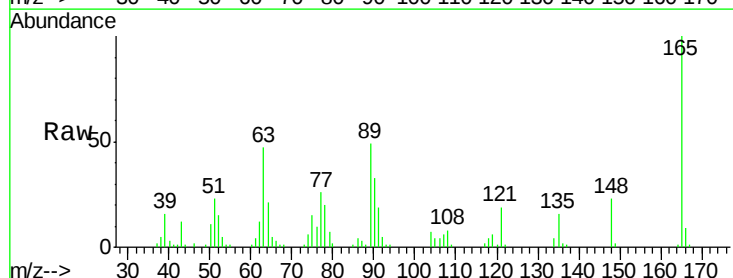
Instrument :
BNA_F
ClientSampleId :
PB82320BS

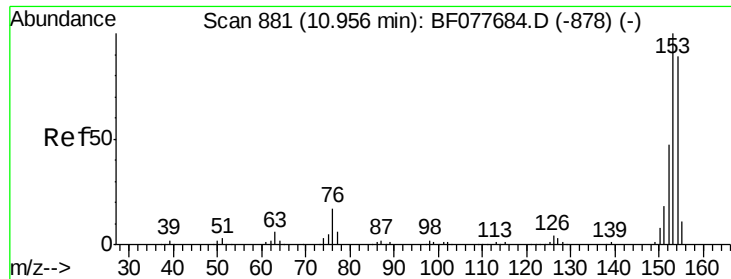
Tot Ion:163 Resp: 227213
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.0 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 35.55 ng
RT: 10.60 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF077965.D
Acq: 25 Mar 2015 21:48

Tgt Ion:165 Resp: 50141
Ion Ratio Lower Upper
165 100
63 46.9 44.1 66.1
89 49.0 44.3 66.5





#51

Acenaphthene

Concen: 30.11 ng

RT: 10.88 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF077965.D

Acq: 25 Mar 2015 21:48

Instrument :

BNA_F

ClientSampleId :

PB82320BS

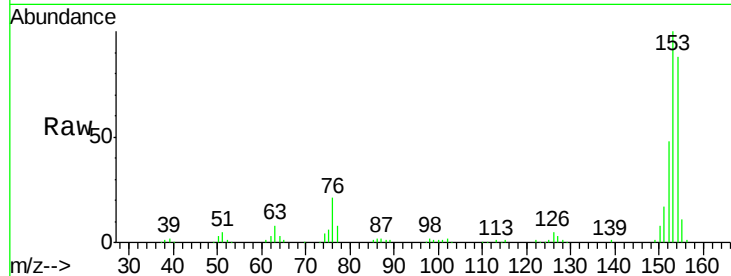
Tot Ion:154 Resp: 171134

Ion Ratio Lower Upper

154 100

153 113.5 90.0 135.0

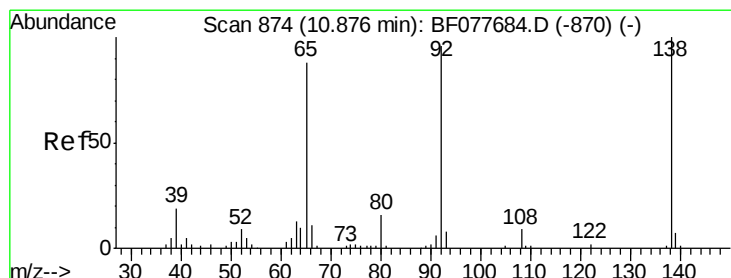
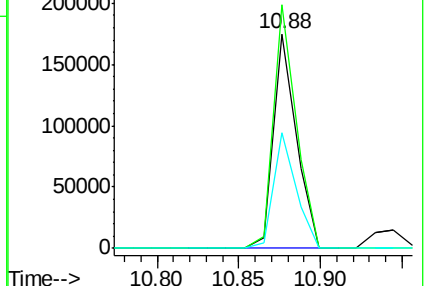
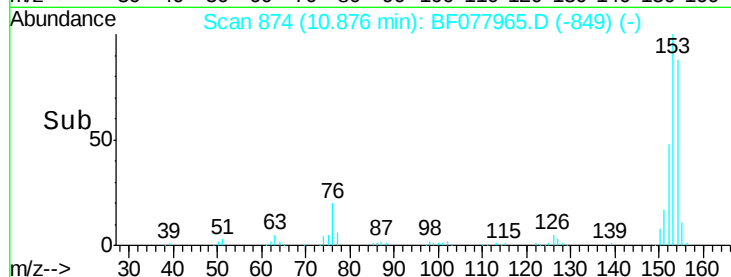
152 54.1 42.6 63.8



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: 21.76 ng

RT: 10.81 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF077965.D

Acq: 25 Mar 2015 21:48

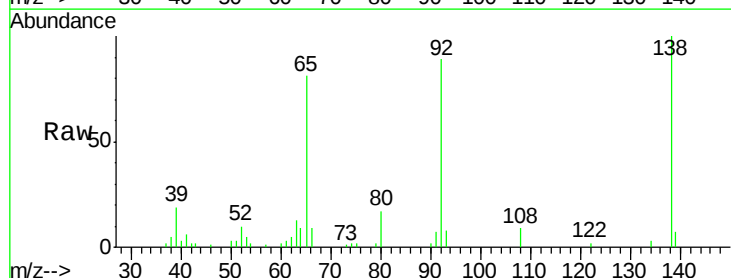
Tgt Ion:138 Resp: 35647

Ion Ratio Lower Upper

138 100

108 9.3 7.3 10.9

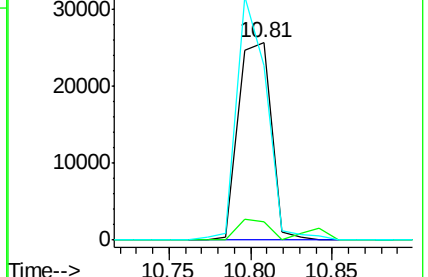
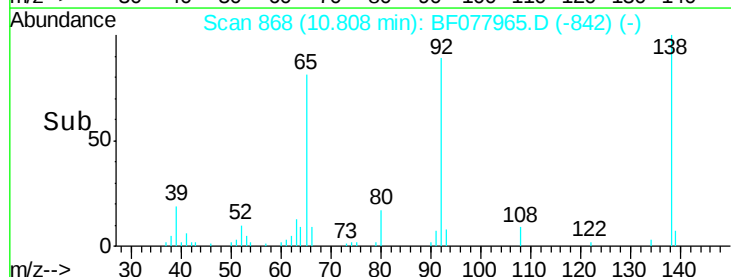
92 88.9 76.6 114.8

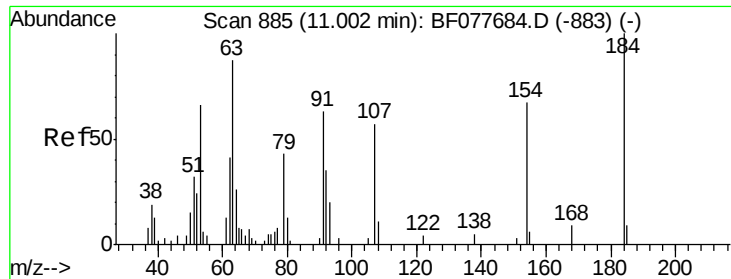


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

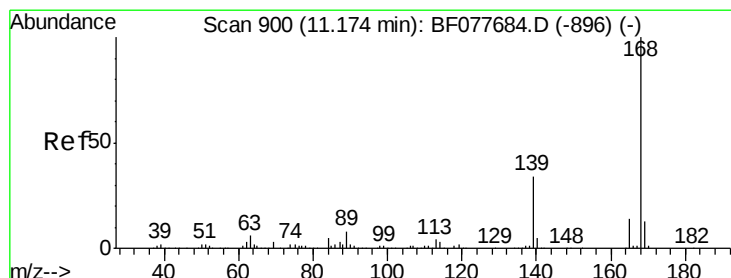
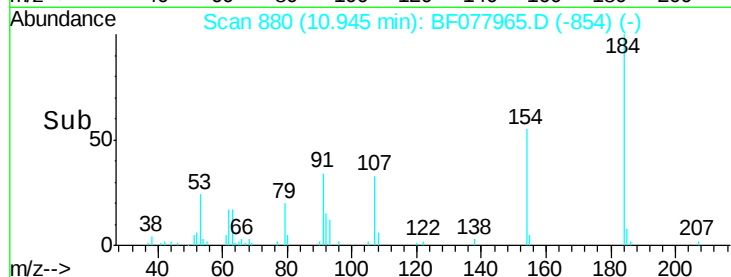
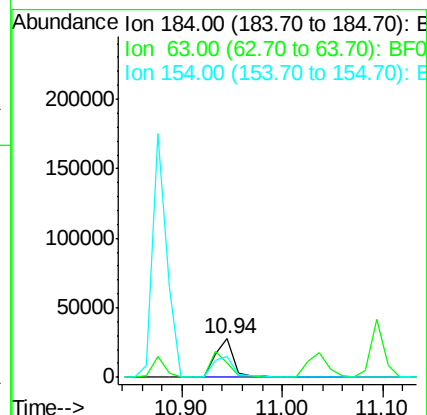
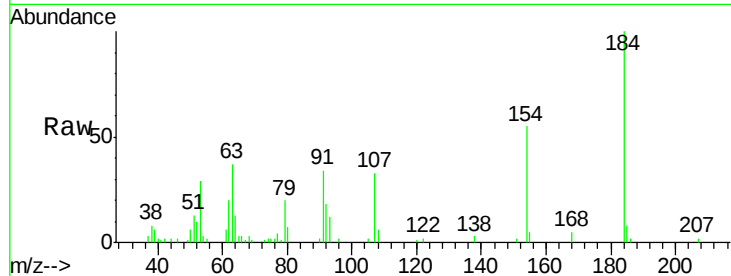




#53
2,4-Dinitrophenol
Concen: 70.54 ng
RT: 10.94 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF077965.D
Acq: 25 Mar 2015 21:48

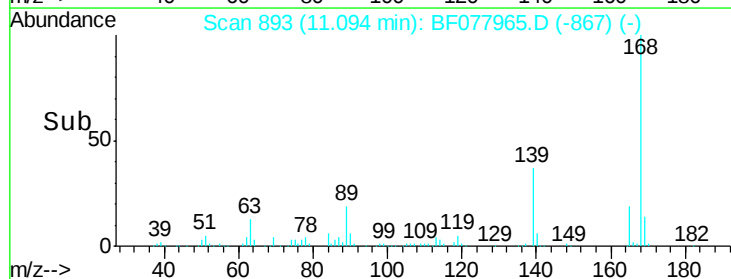
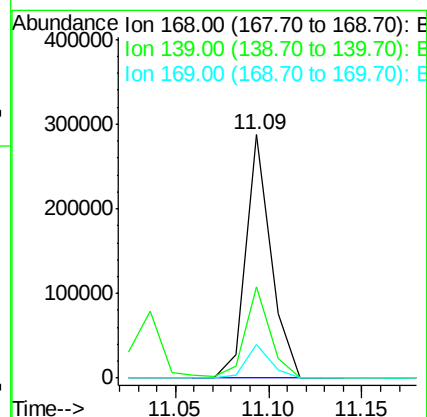
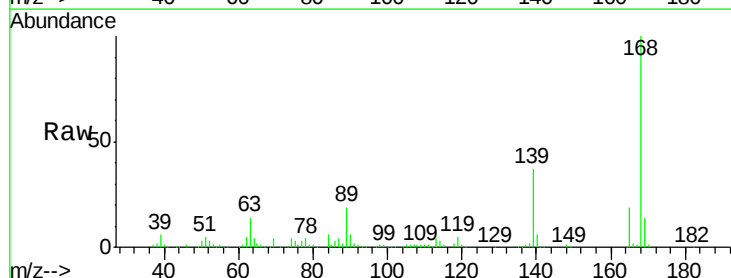
Instrument :
BNA_F
ClientSampleId :
PB82320BS

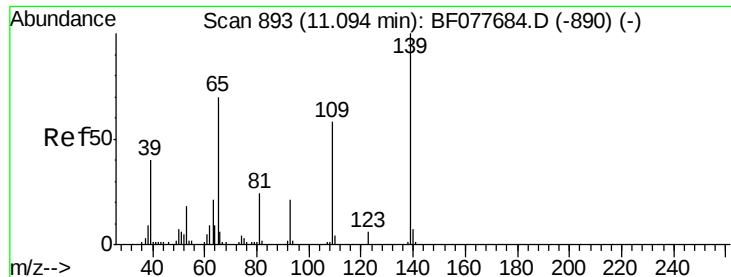
Tot Ion:184 Resp: 36005
Ion Ratio Lower Upper
184 100
63 36.9 69.2 103.8#
154 55.4 53.3 79.9



#54
Dibenzofuran
Concen: 31.99 ng
RT: 11.09 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF077965.D
Acq: 25 Mar 2015 21:48

Tgt Ion:168 Resp: 269617
Ion Ratio Lower Upper
168 100
139 37.3 27.3 40.9
169 13.6 10.6 16.0

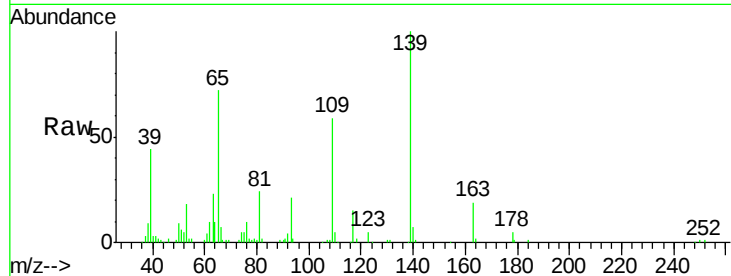




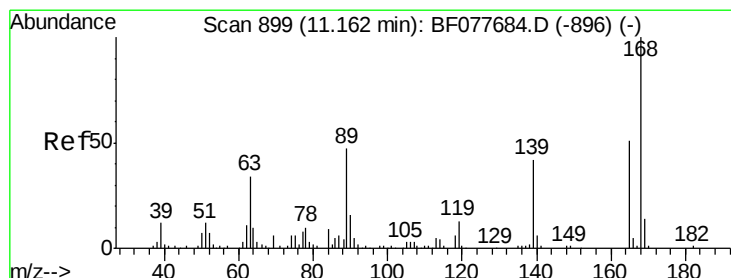
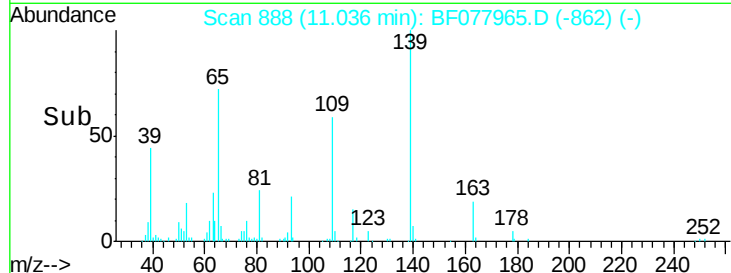
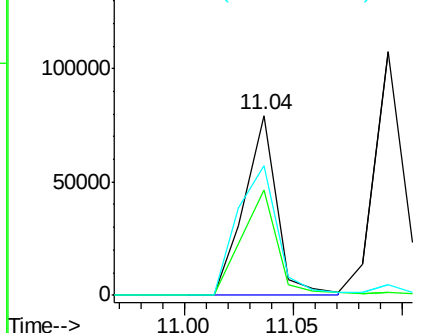
#55
4-Nitrophenol
Concen: 68.58 ng
RT: 11.04 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF077965.D
Acq: 25 Mar 2015 21:48

Instrument :
BNA_F
ClientSampleId :
PB82320BS

Tot Ion:139 Resp: 83221
Ion Ratio Lower Upper
139 100
109 58.6 37.7 77.7
65 72.4 49.9 89.9

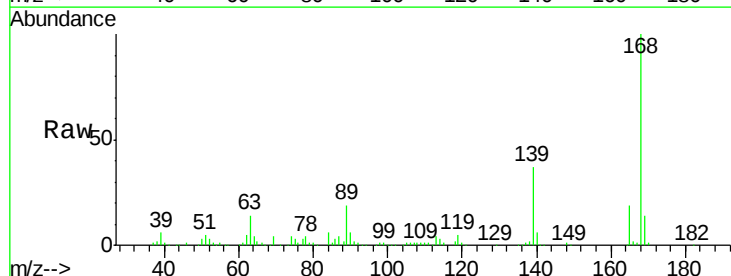


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

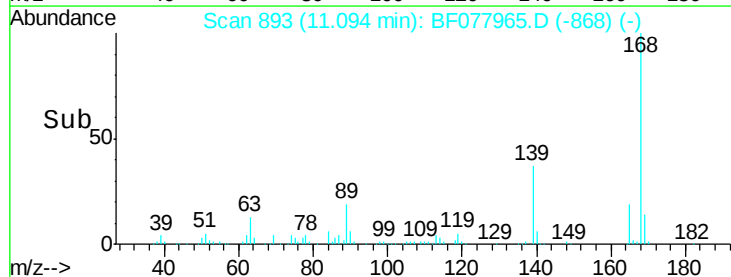
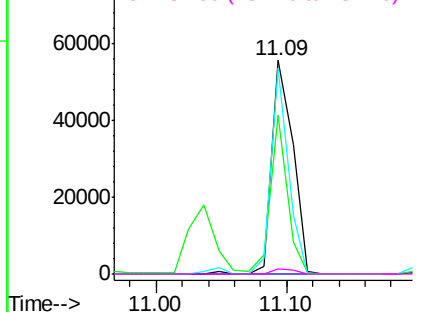


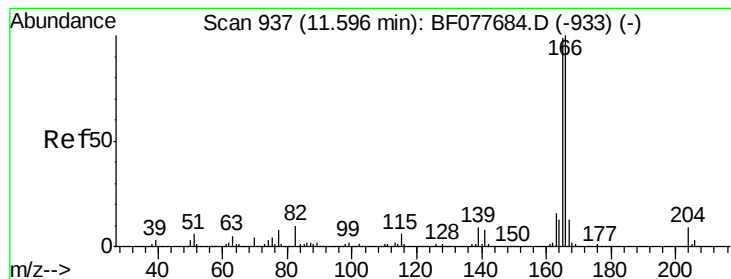
#56
2,4-Dinitrotoluene
Concen: 34.54 ng
RT: 11.09 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF077965.D
Acq: 25 Mar 2015 21:48

Tgt Ion:165 Resp: 63521
Ion Ratio Lower Upper
165 100
63 74.6 52.4 78.6
89 96.3 72.4 108.6
182 2.2 2.0 3.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 31.53 ng

RT: 11.52 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF077965.D

Acq: 25 Mar 2015 21:48

Instrument :

BNA_F

ClientSampleId :

PB82320BS

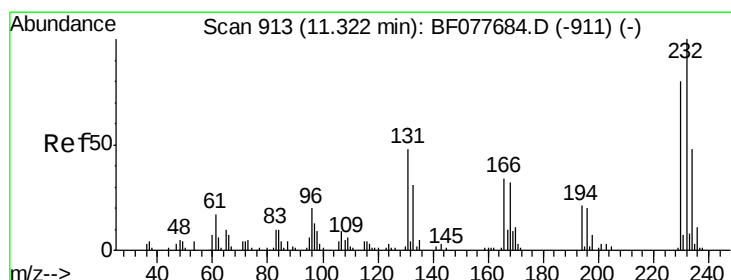
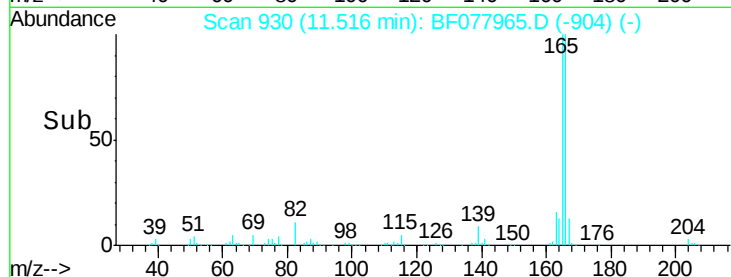
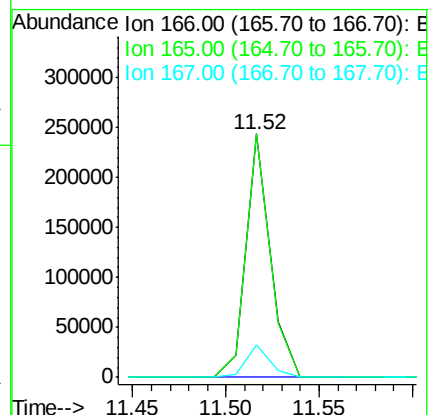
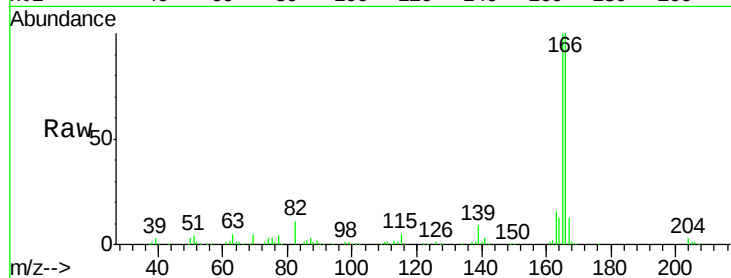
Tot Ion:166 Resp: 220624

Ion Ratio Lower Upper

166 100

165 100.0 79.0 118.4

167 13.3 10.3 15.5



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.40 ng

RT: 11.25 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF077965.D

Acq: 25 Mar 2015 21:48

Tgt Ion:232 Resp: 54236

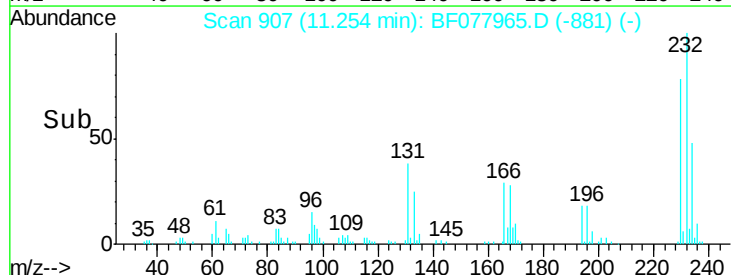
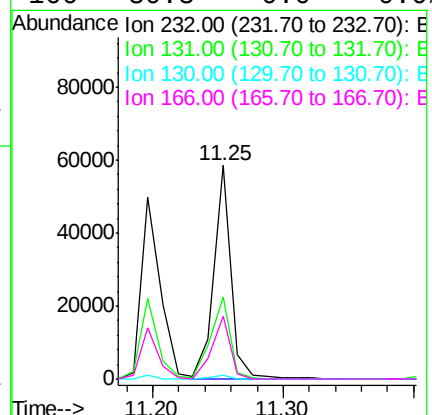
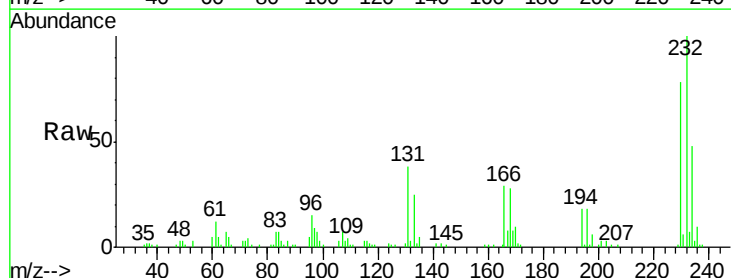
Ion Ratio Lower Upper

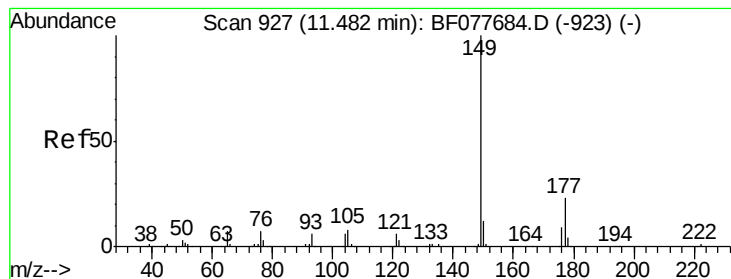
232 100

131 42.6 0.0 0.0#

130 2.0 0.0 0.0#

166 30.3 0.0 0.0#





#59

Diethylphthalate

Concen: 32.55 ng

RT: 11.40 min Scan# 920

Delta R.T. -0.01 min

Lab File: BF077965.D

Acq: 25 Mar 2015 21:48

Instrument :

BNA_F

ClientSampleId :

PB82320BS

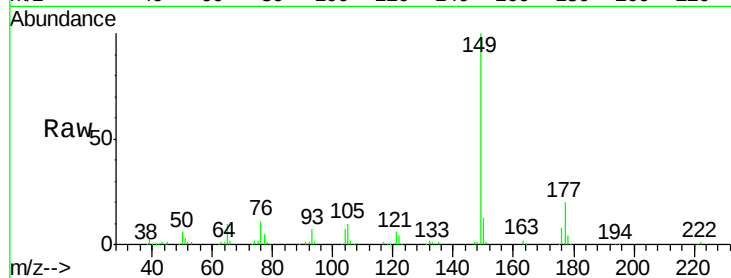
Tot Ion:149 Resp: 215784

Ion Ratio Lower Upper

149 100

177 20.1 18.3 27.5

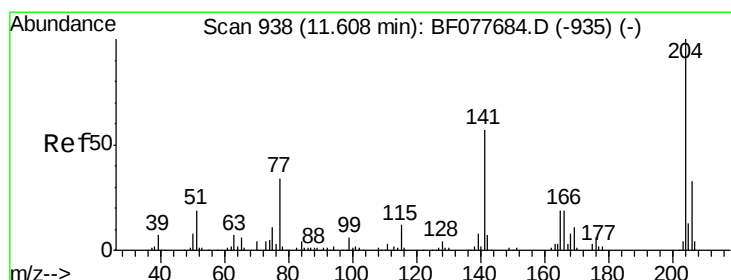
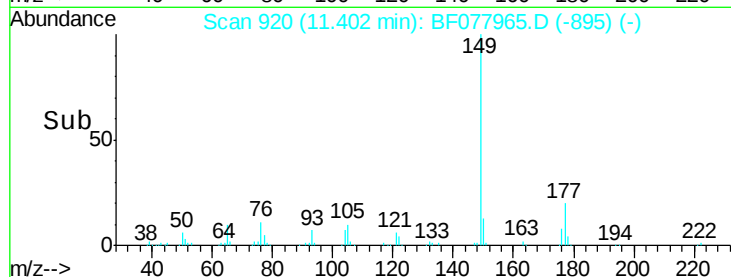
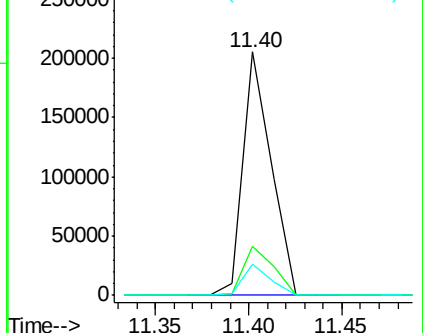
150 12.6 9.8 14.8



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: 31.85 ng

RT: 11.53 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF077965.D

Acq: 25 Mar 2015 21:48

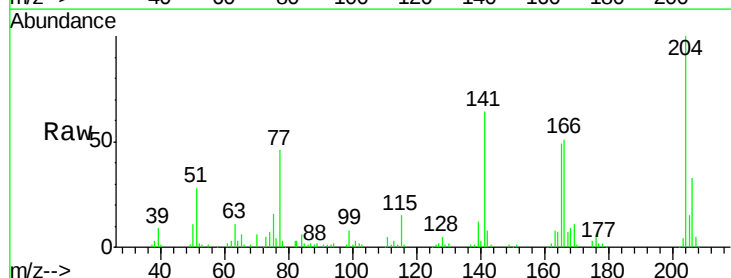
Tgt Ion:204 Resp: 101718

Ion Ratio Lower Upper

204 100

206 32.9 26.6 39.8

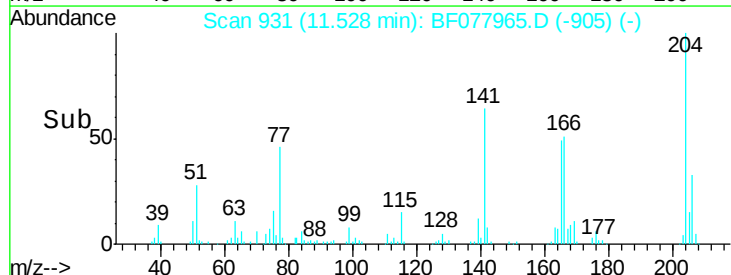
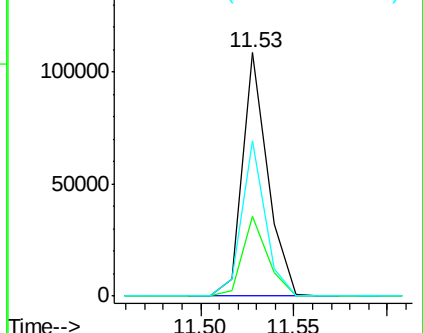
141 63.7 45.2 67.8

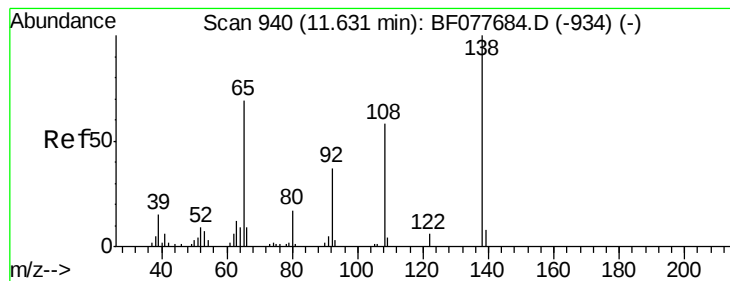


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

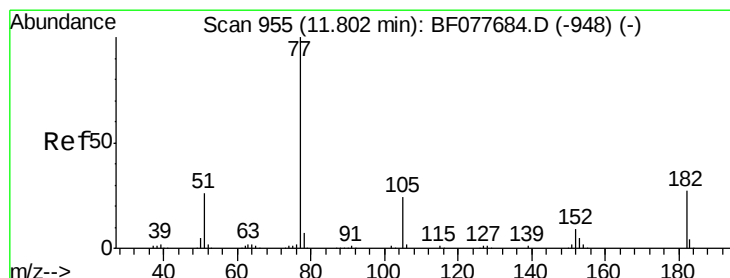
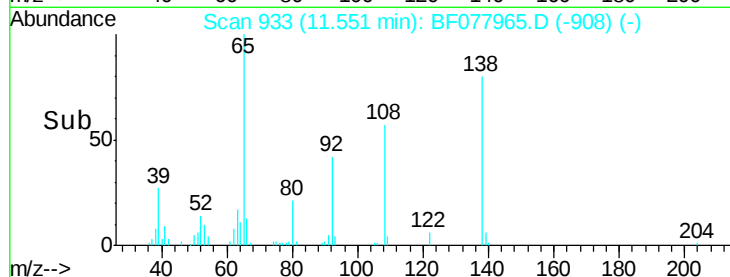
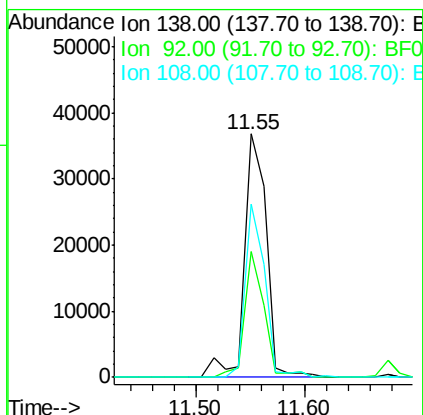
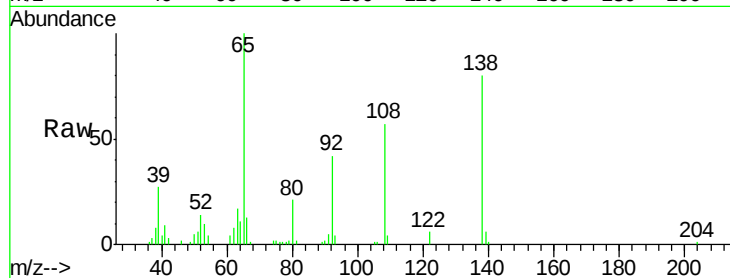




#61
 4-Nitroaniline
 Concen: 31.33 ng
 RT: 11.55 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF077965.D
 Acq: 25 Mar 2015 21:48

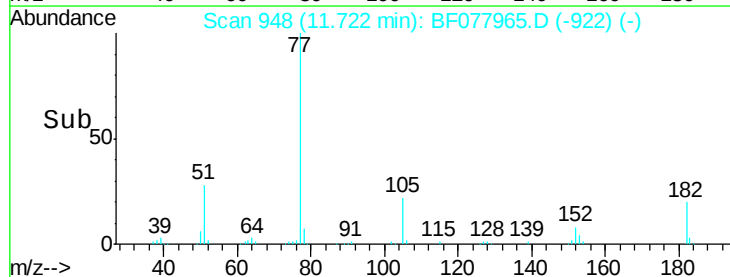
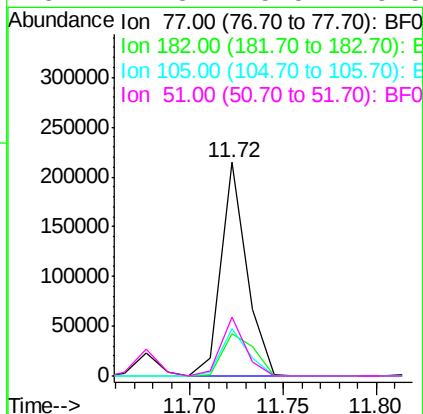
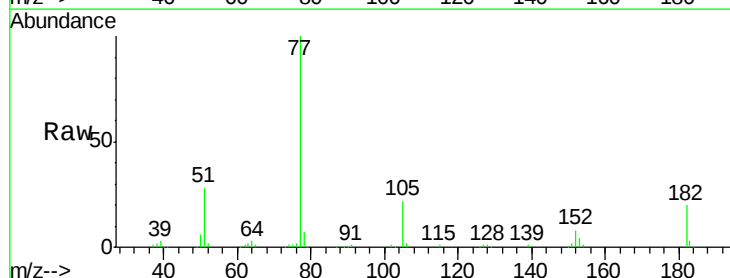
Instrument :
 BNA_F
 ClientSampleId :
 PB82320BS

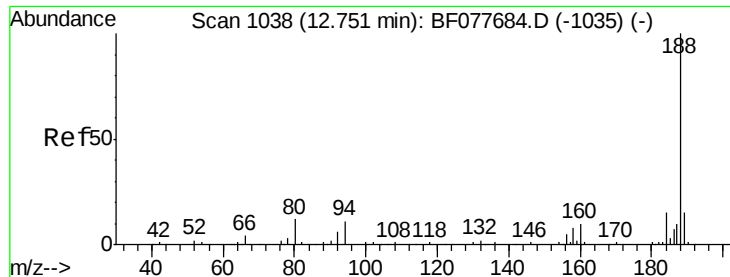
Tot Ion:138 Resp: 51158
 Ion Ratio Lower Upper
 138 100
 92 51.7 16.7 56.7
 108 71.1 37.6 77.6



#62
 Azobenzene
 Concen: 32.50 ng
 RT: 11.72 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF077965.D
 Acq: 25 Mar 2015 21:48

Tgt Ion: 77 Resp: 205937
 Ion Ratio Lower Upper
 77 100
 182 19.9 6.5 46.5
 105 22.3 3.8 43.8
 51 27.8 5.5 45.5

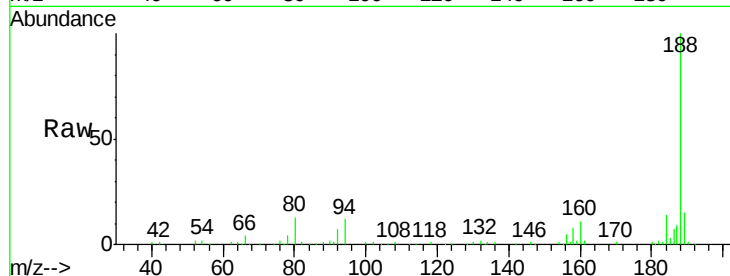




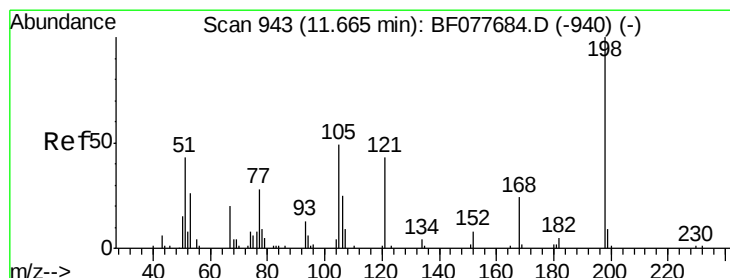
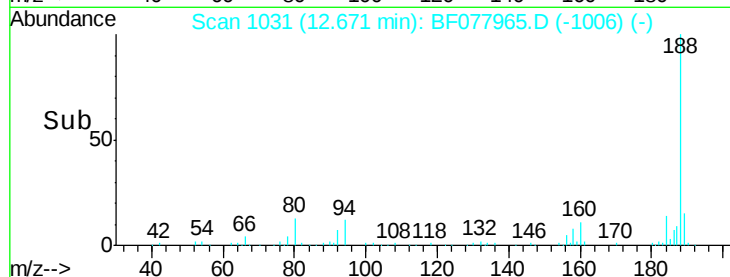
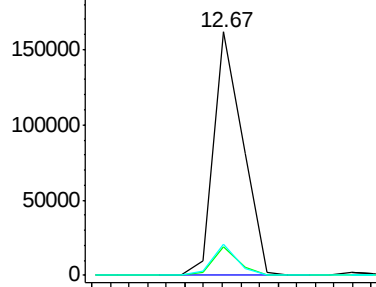
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.67 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF077965.D
 Acq: 25 Mar 2015 21:48

Instrument :
 BNA_F
 ClientSampleId :
 PB82320BS

Tot Ion:188 Resp: 174711
 Ion Ratio Lower Upper
 188 100
 94 11.8 8.7 13.1
 80 12.9 9.3 13.9

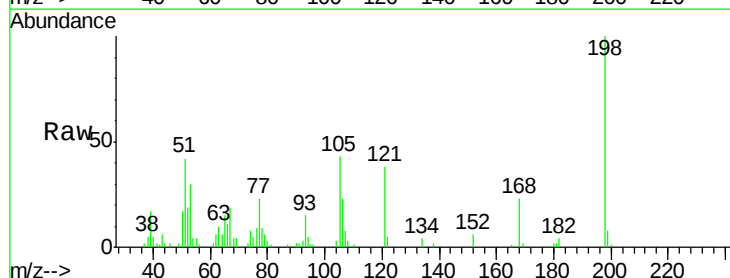


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

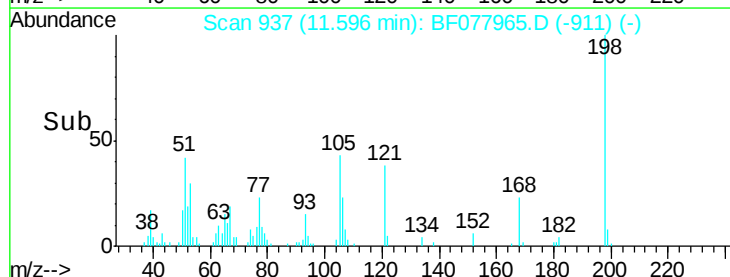
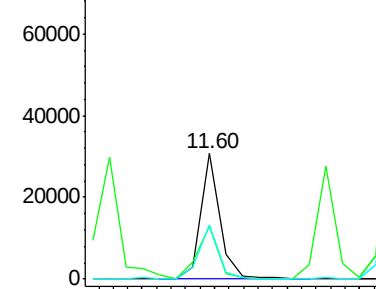


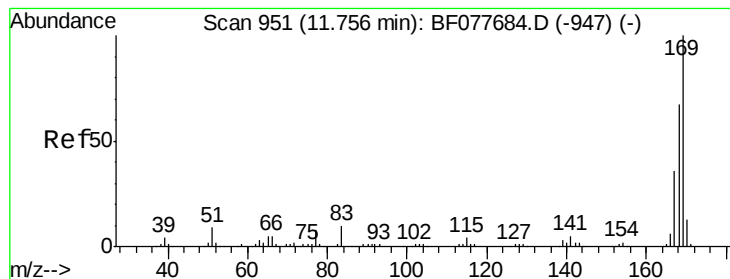
#64
 4,6-Dinitro-2-methylphenol
 Concen: 35.30 ng
 RT: 11.60 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF077965.D
 Acq: 25 Mar 2015 21:48

Tgt Ion:198 Resp: 28089
 Ion Ratio Lower Upper
 198 100
 51 41.8 28.8 68.8
 105 43.4 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: 32.82 ng

RT: 11.68 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF077965.D

Acq: 25 Mar 2015 21:48

Instrument :

BNA_F

ClientSampleId :

PB82320BS

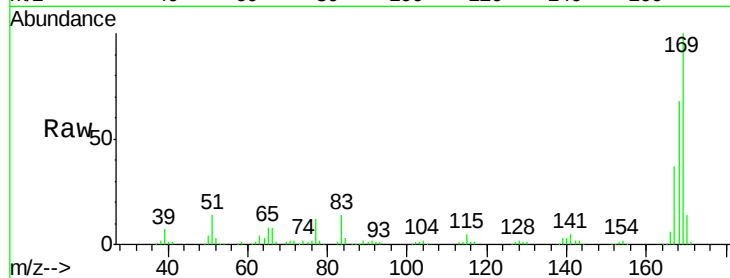
Tot Ion:169 Resp: 190917

Ion Ratio Lower Upper

169 100

168 67.8 53.9 80.9

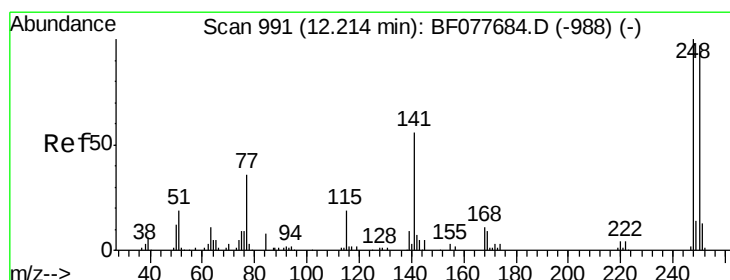
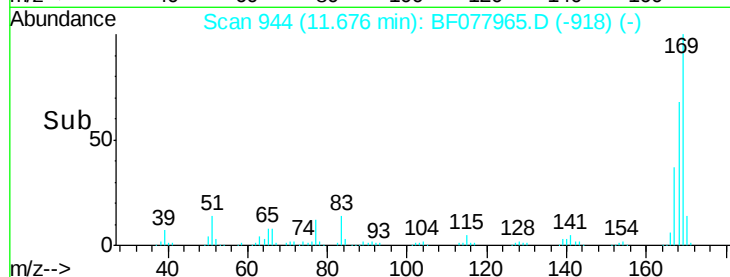
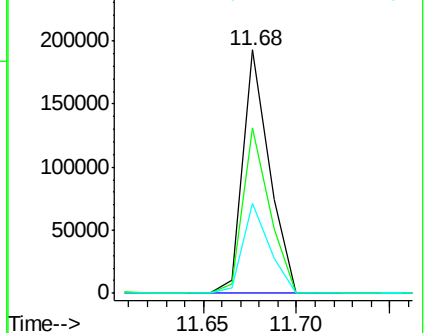
167 37.0 28.9 43.3



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: 32.76 ng

RT: 12.13 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF077965.D

Acq: 25 Mar 2015 21:48

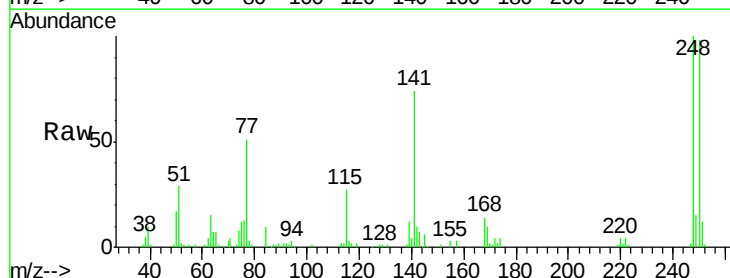
Tgt Ion:248 Resp: 61080

Ion Ratio Lower Upper

248 100

250 98.1 77.4 116.0

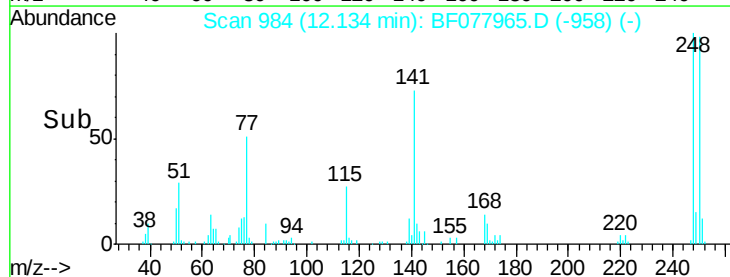
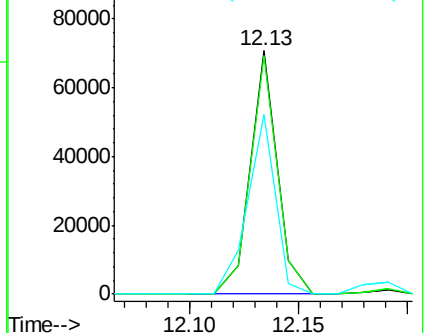
141 73.9 45.2 67.8#

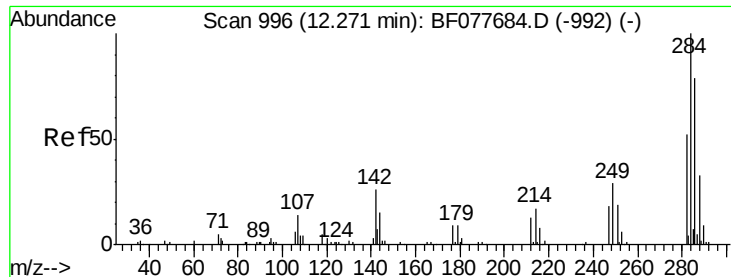


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

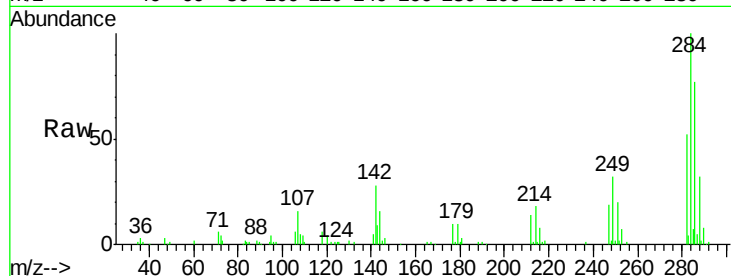




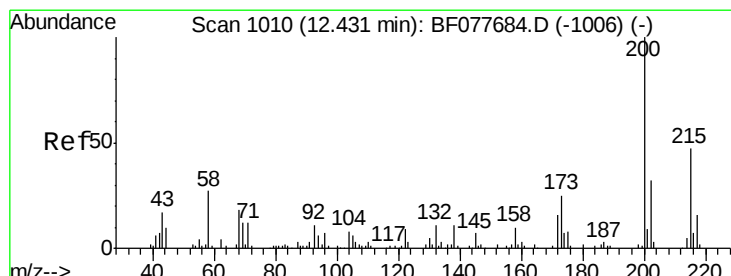
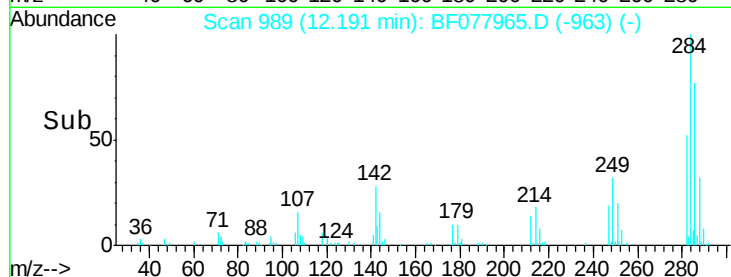
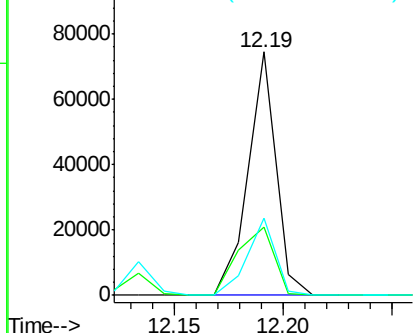
#67
Hexachlorobenzene
Concen: 32.52 ng
RT: 12.19 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF077965.D
Acq: 25 Mar 2015 21:48

Instrument :
BNA_F
ClientSampleId :
PB82320BS

Tot Ion:284 Resp: 66626
Ion Ratio Lower Upper
284 100
142 27.9 20.4 30.6
249 31.7 23.8 35.6

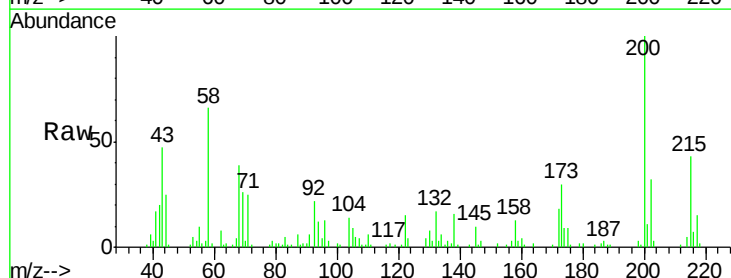


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

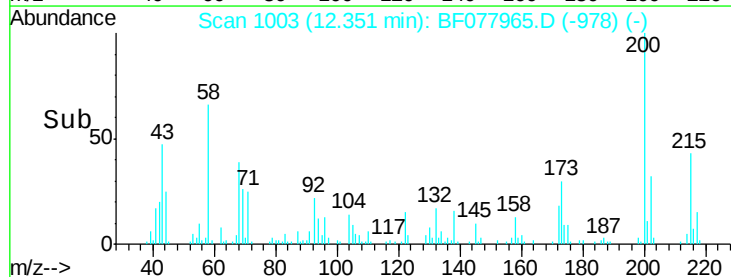
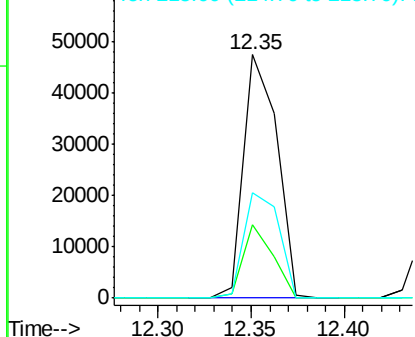


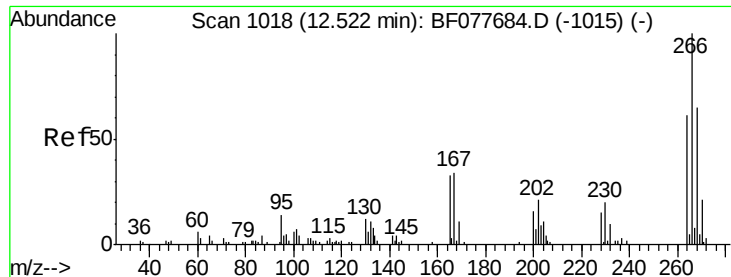
#68
Atrazine
Concen: 36.11 ng
RT: 12.35 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF077965.D
Acq: 25 Mar 2015 21:48

Tgt Ion:200 Resp: 58865
Ion Ratio Lower Upper
200 100
173 30.4 4.8 44.8
215 43.5 26.9 66.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

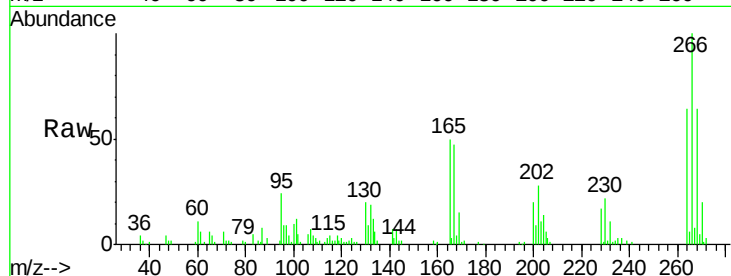




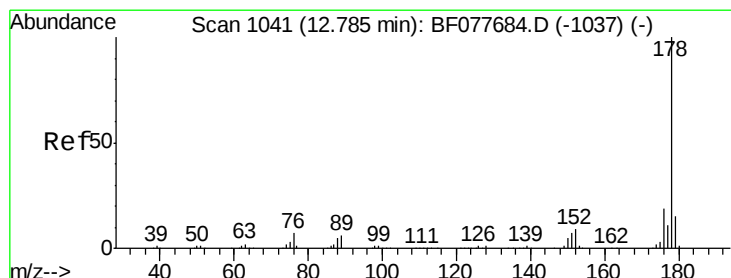
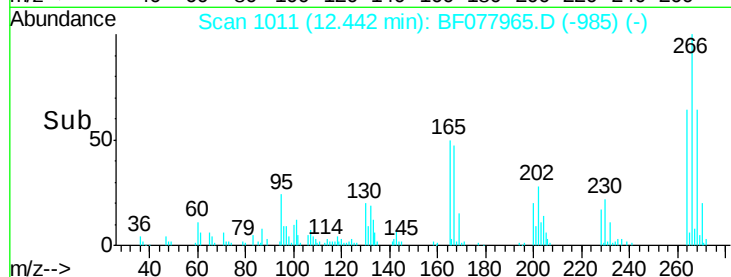
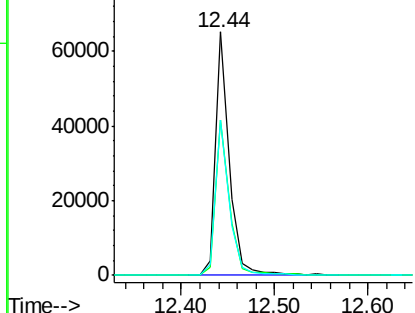
#69
 Pentachlorophenol
 Concen: 62.68 ng
 RT: 12.44 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BF077965.D
 Acq: 25 Mar 2015 21:48

Instrument :
 BNA_F
 ClientSampled :
 PB82320BS

Tot Ion:266 Resp: 66512
 Ion Ratio Lower Upper
 266 100
 268 64.0 52.0 78.0
 264 64.0 49.0 73.4

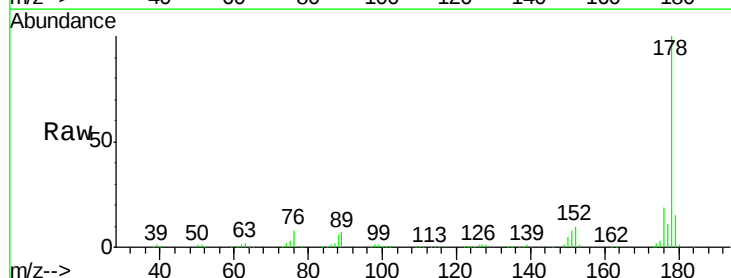


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

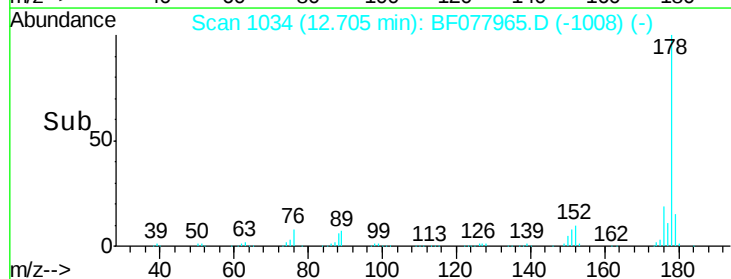
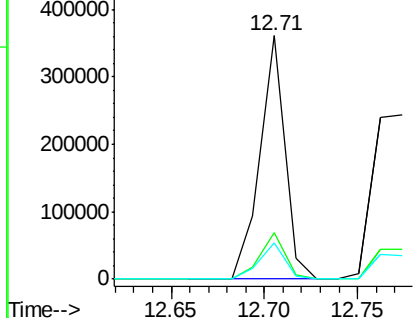


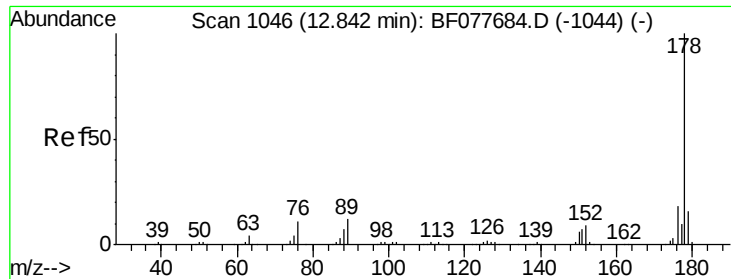
#70
 Phenanthrene
 Concen: 33.34 ng
 RT: 12.71 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF077965.D
 Acq: 25 Mar 2015 21:48

Tgt Ion:178 Resp: 334353
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.2 22.8
 179 15.1 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

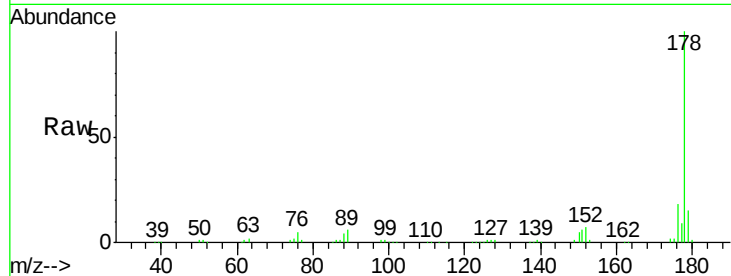




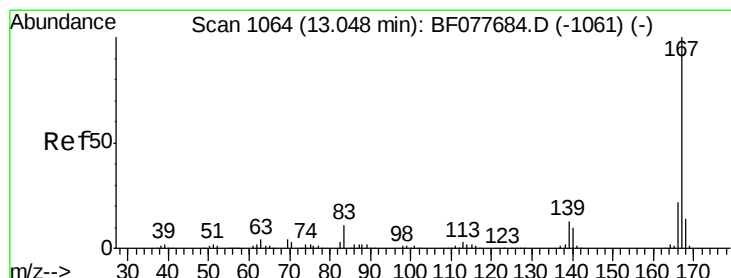
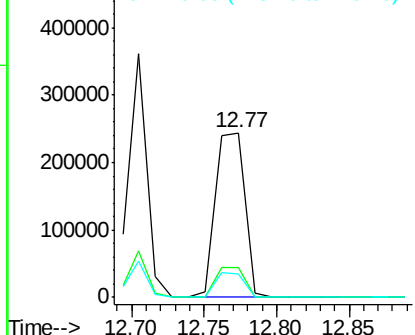
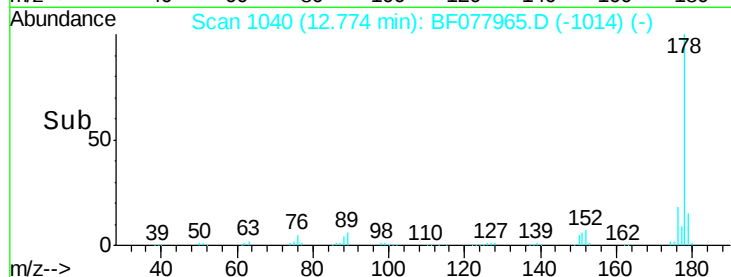
#71
 Anthracene
 Concen: 34.64 ng
 RT: 12.77 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF077965.D
 Acq: 25 Mar 2015 21:48

Instrument :
 BNA_F
 ClientSampleId :
 PB82320BS

Tot Ion:178 Resp: 343250
 Ion Ratio Lower Upper
 178 100
 176 17.8 14.6 22.0
 179 14.5 12.6 19.0

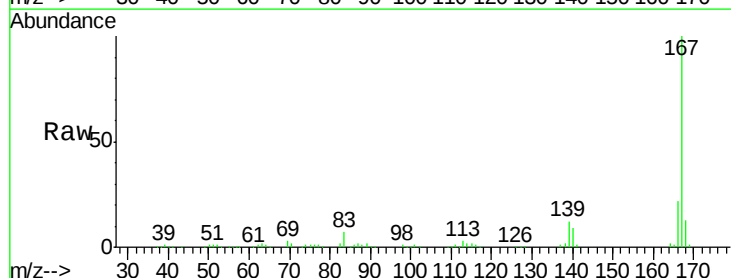


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

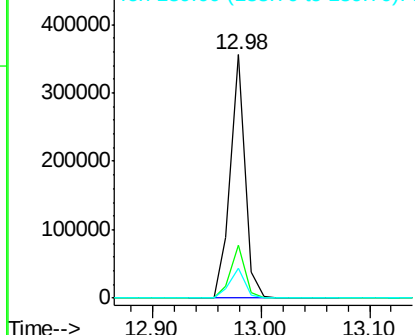
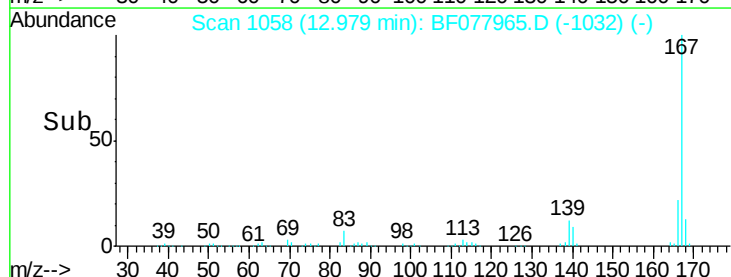


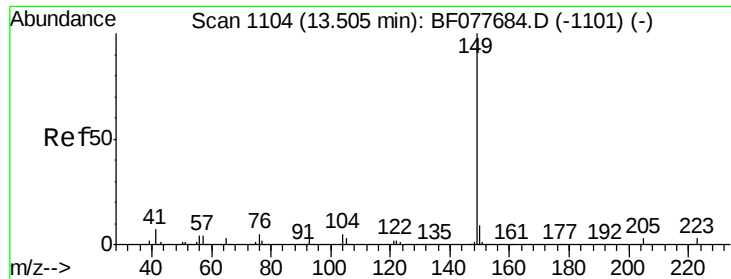
#72
 Carbazole
 Concen: 35.49 ng
 RT: 12.98 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF077965.D
 Acq: 25 Mar 2015 21:48

Tgt Ion:167 Resp: 334520
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 12.4 10.8 16.2



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





#73

Di-n-butylphthalate

Concen: 35.72 ng

RT: 13.44 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BF077965.D

Acq: 25 Mar 2015 21:48

Instrument :

BNA_F

ClientSampleId :

PB82320BS

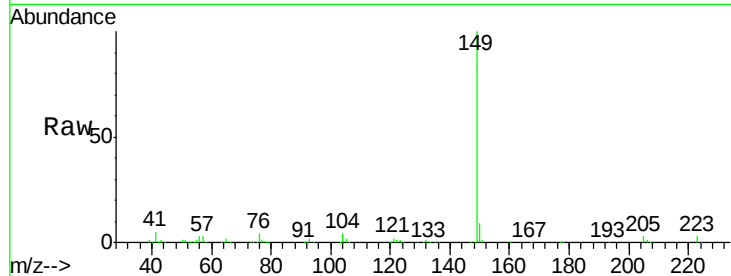
Tot Ion:149 Resp: 377530

Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

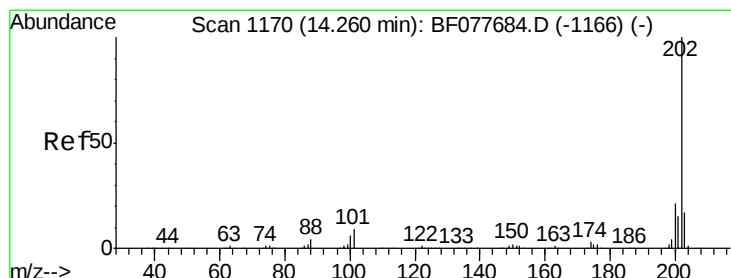
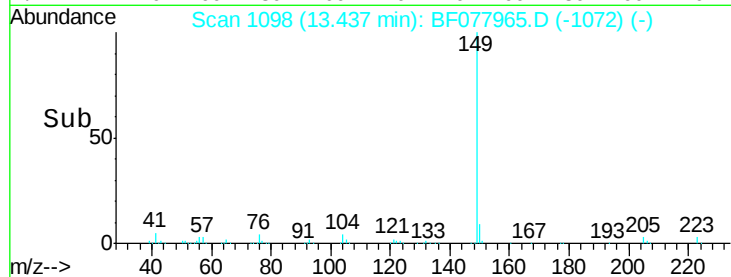
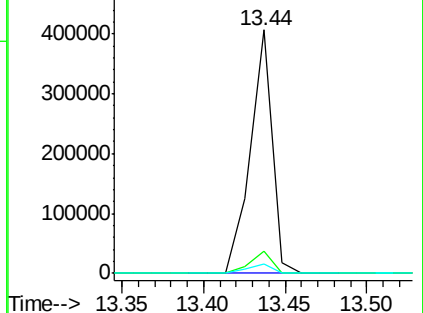
104 4.0 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.93 ng

RT: 14.18 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF077965.D

Acq: 25 Mar 2015 21:48

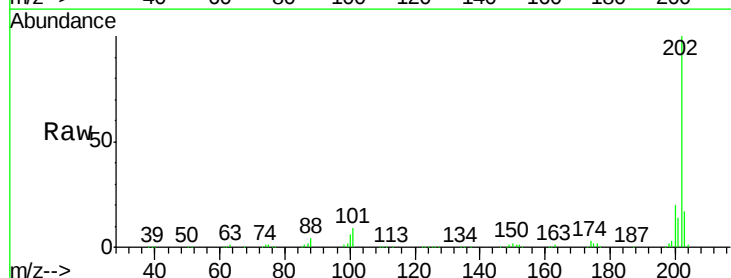
Tgt Ion:202 Resp: 386403

Ion Ratio Lower Upper

202 100

101 8.7 0.0 28.7

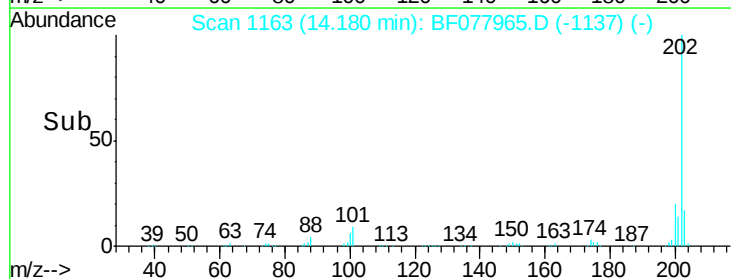
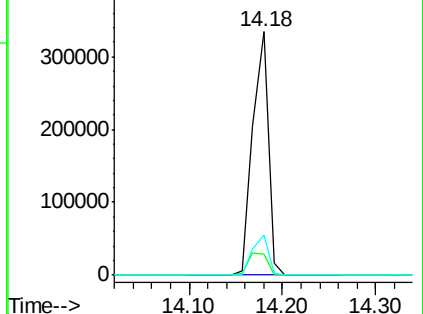
203 16.7 0.0 37.2

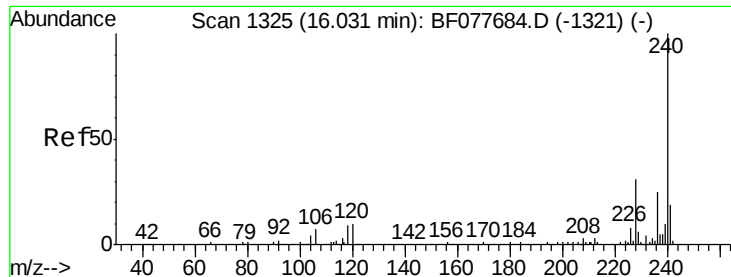


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.95 min Scan# 1318

Delta R.T. -0.02 min

Lab File: BF077965.D

Acq: 25 Mar 2015 21:48

Instrument :

BNA_F

ClientSampleId :

PB82320BS

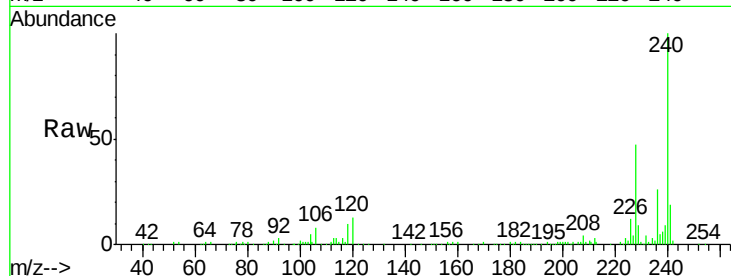
Tot Ion:240 Resp: 199488

Ion Ratio Lower Upper

240 100

120 12.5 8.2 12.2#

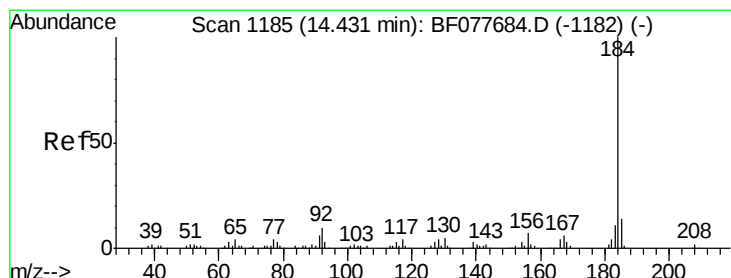
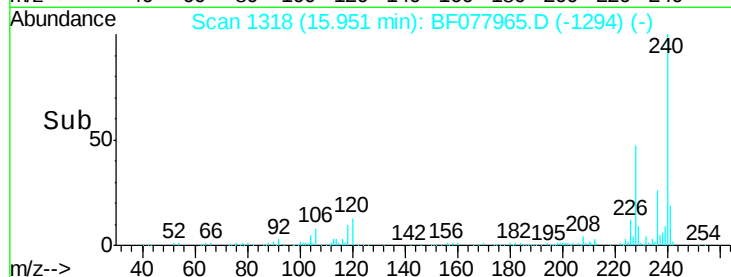
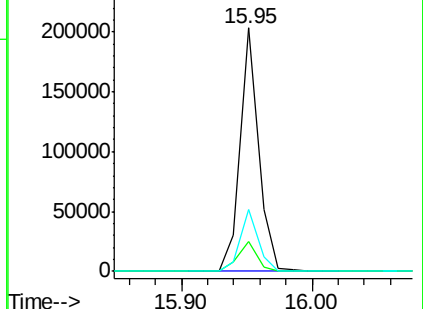
236 25.6 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 31.43 ng

RT: 14.36 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF077965.D

Acq: 25 Mar 2015 21:48

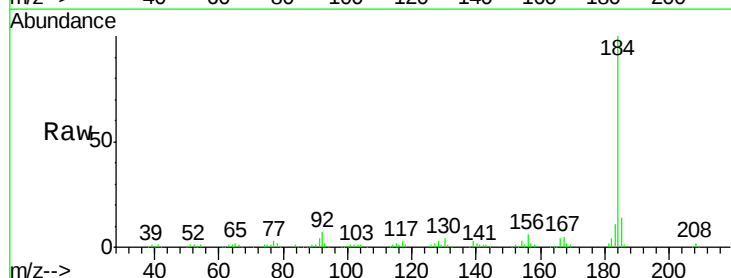
Tgt Ion:184 Resp: 155614

Ion Ratio Lower Upper

184 100

185 14.4 11.3 16.9

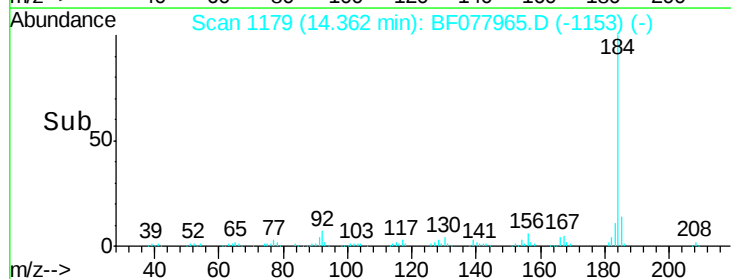
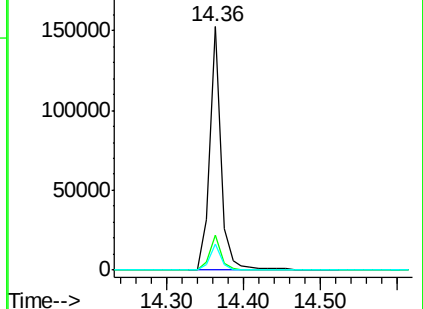
183 10.8 8.9 13.3

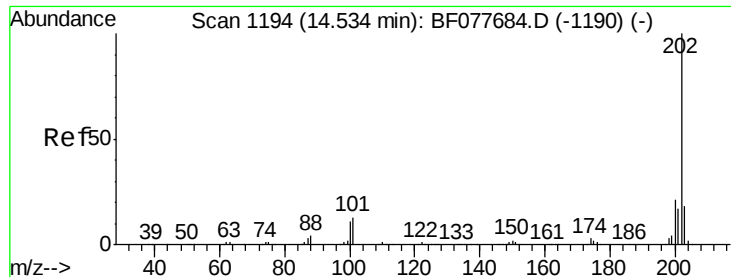


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

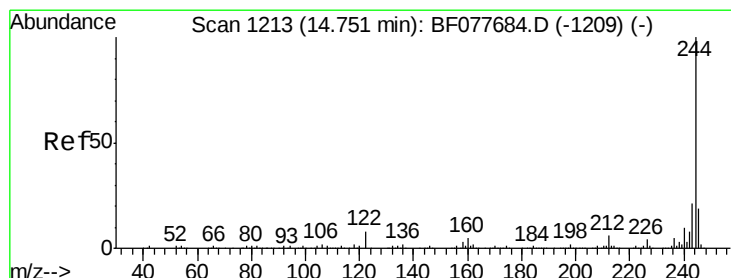
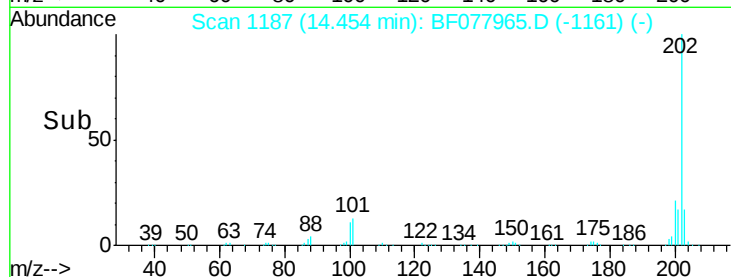
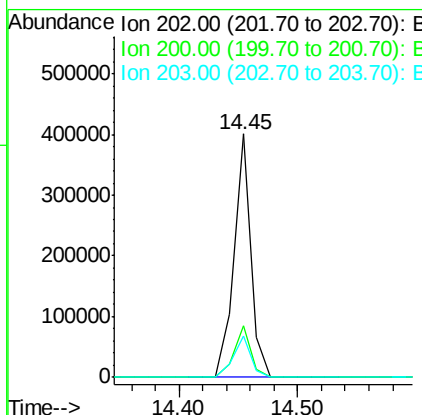
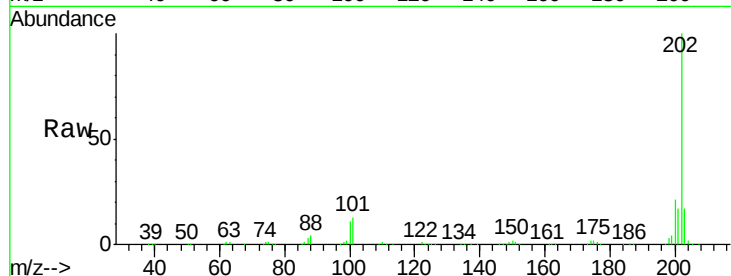




#77
Pvrene
Concen: 31.59 ng
RT: 14.45 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BF077965.D
Acq: 25 Mar 2015 21:48

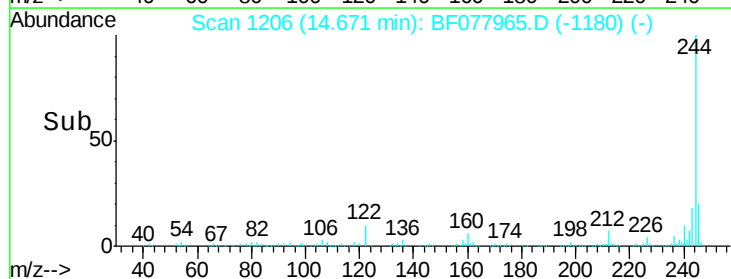
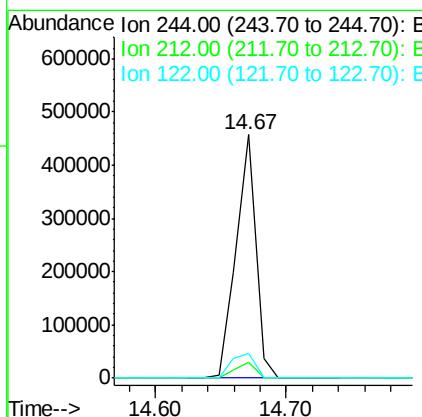
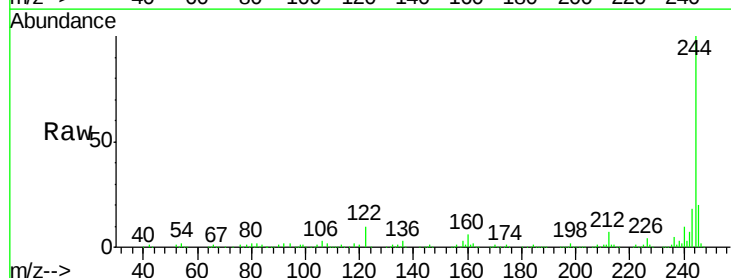
Instrument :
BNA_F
ClientSampleId :
PB82320BS

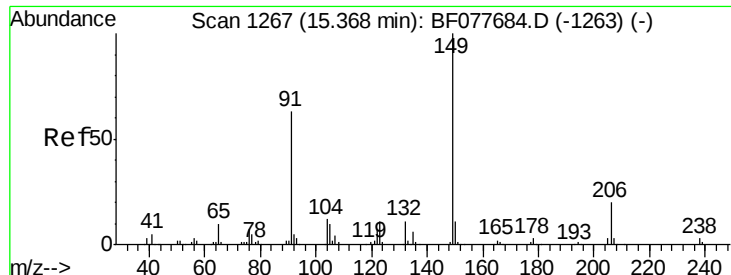
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.0	14.1	21.1



#78
Terphenyl-d14
Concen: 58.84 ng
RT: 14.67 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF077965.D
Acq: 25 Mar 2015 21:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	4.9	7.3
122	10.1	6.2	9.4

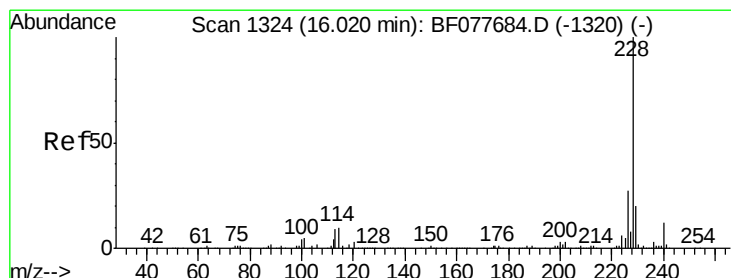
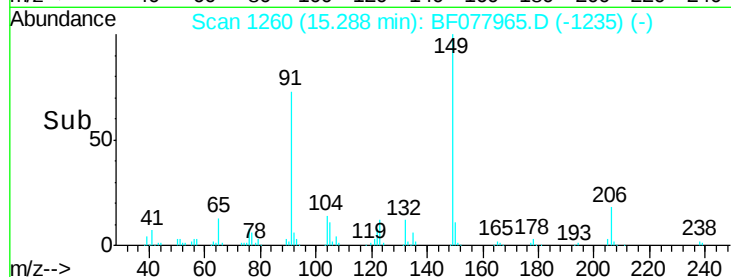
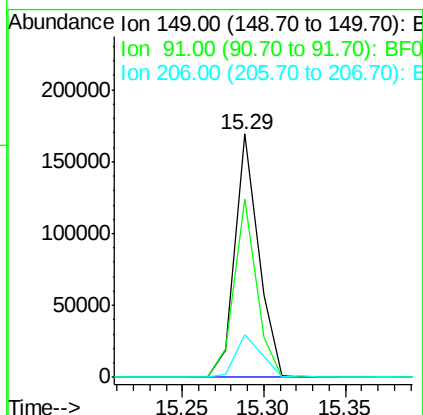
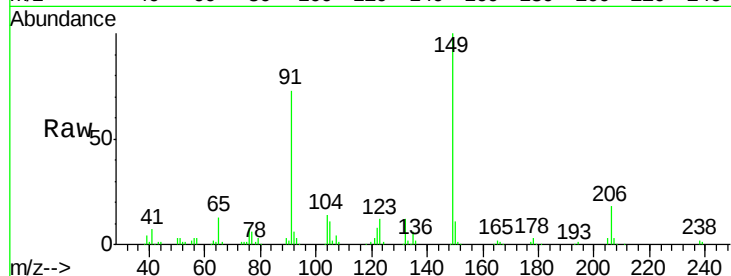




#79
Butylbenzylphthalate
Concen: 34.15 ng
RT: 15.29 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF077965.D
Acq: 25 Mar 2015 21:48

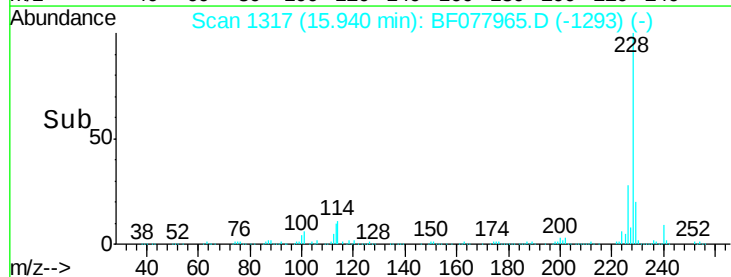
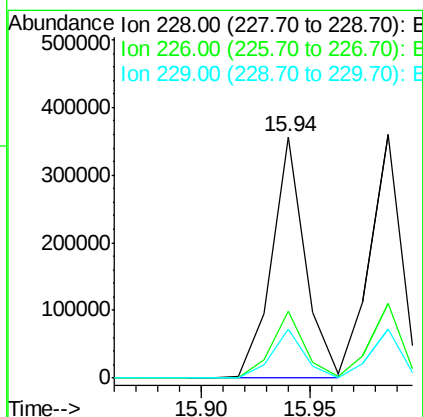
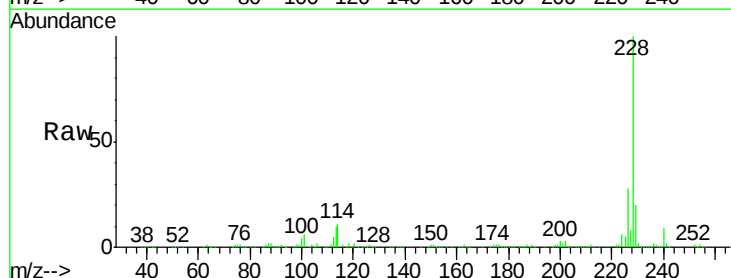
Instrument :
BNA_F
ClientSampleId :
PB82320BS

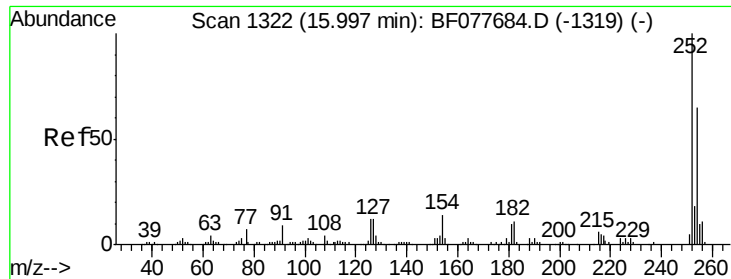
Tot Ion:149 Resp: 168906
Ion Ratio Lower Upper
149 100
91 73.4 50.1 75.1
206 17.6 16.2 24.2



#80
Benzo(a)anthracene
Concen: 32.29 ng
RT: 15.94 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF077965.D
Acq: 25 Mar 2015 21:48

Tgt Ion:228 Resp: 381888
Ion Ratio Lower Upper
228 100
226 27.9 21.7 32.5
229 20.4 16.0 24.0

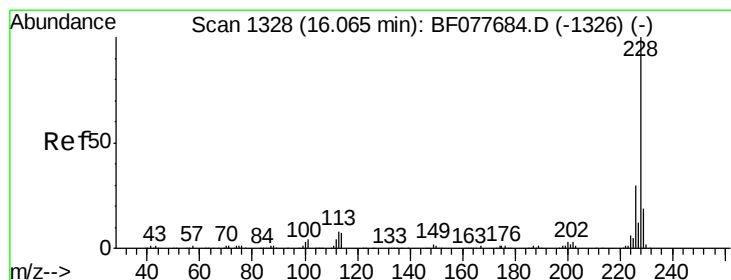
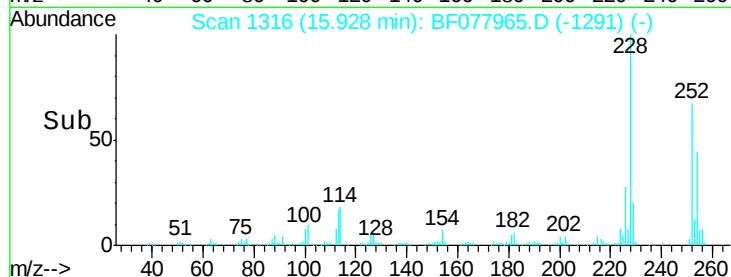
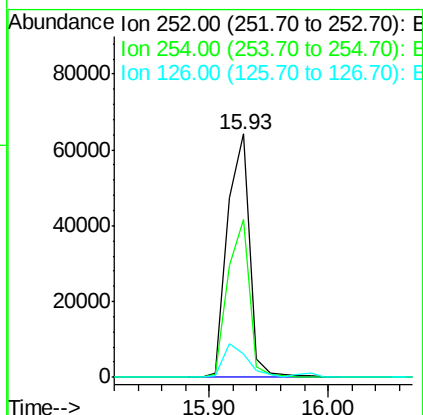
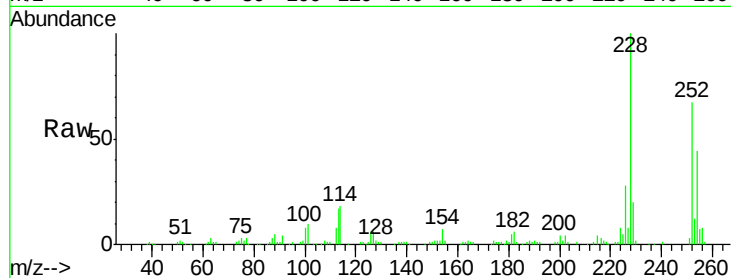




#81
 3,3'-Dichlorobenzidine
 Concen: 21.15 ng
 RT: 15.93 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF077965.D
 Acq: 25 Mar 2015 21:48

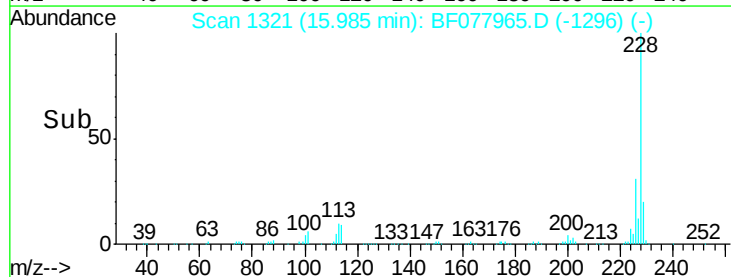
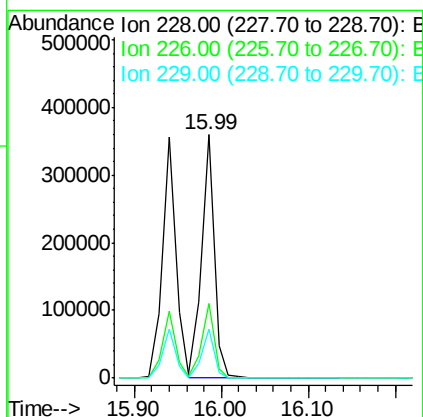
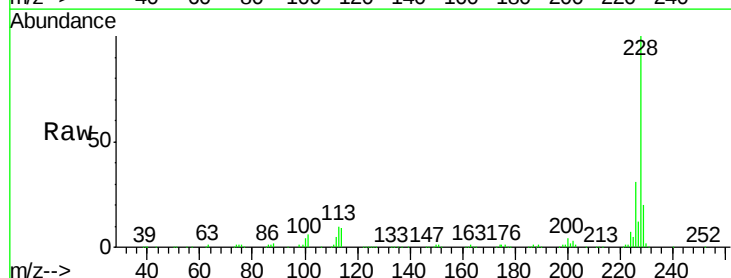
Instrument :
 BNA_F
 ClientSampleId :
 PB82320BS

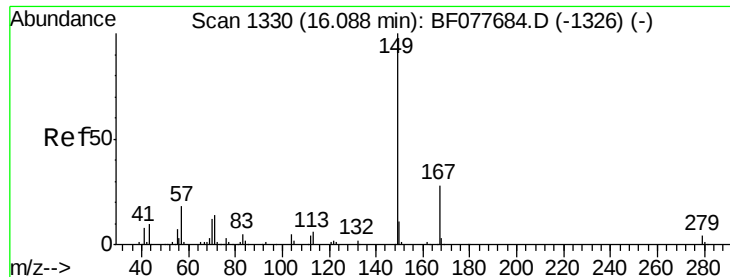
Tot Ion:252 Resp: 82489
 Ion Ratio Lower Upper
 252 100
 254 64.6 51.9 77.9
 126 9.4 9.8 14.8#



#82
 Chrysene
 Concen: 34.22 ng
 RT: 15.99 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF077965.D
 Acq: 25 Mar 2015 21:48

Tgt Ion:228 Resp: 363904
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.1 36.1
 229 19.9 15.5 23.3

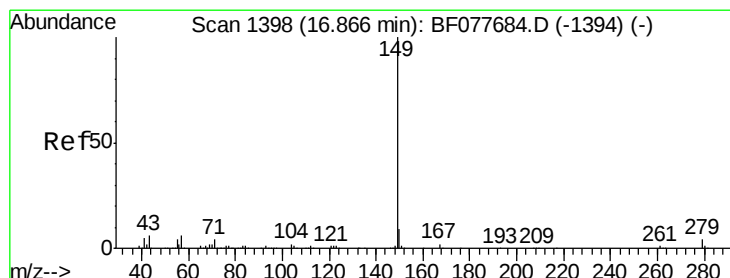
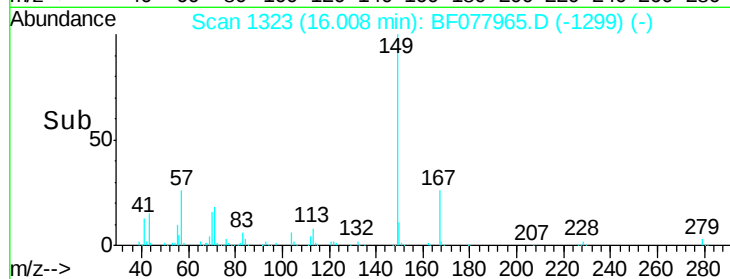
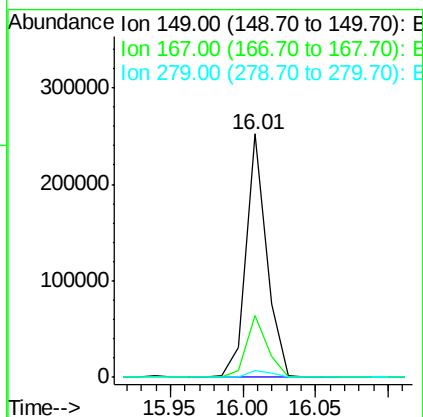
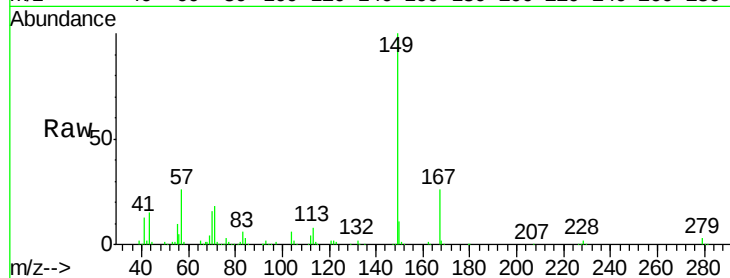




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.19 ng
 RT: 16.01 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF077965.D
 Acq: 25 Mar 2015 21:48

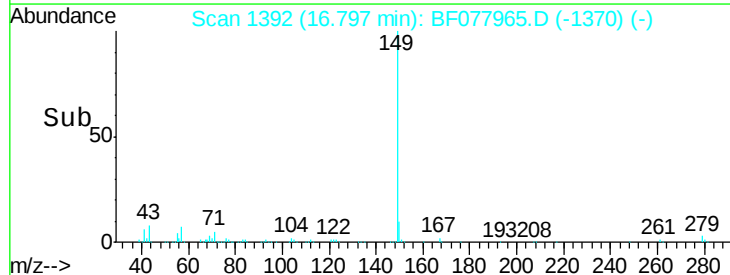
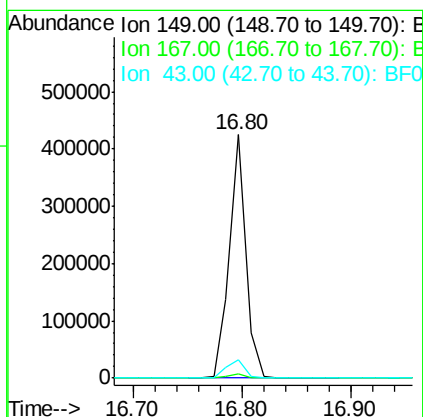
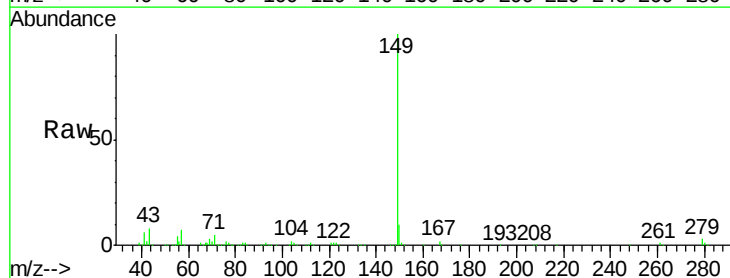
Instrument :
 BNA_F
 ClientSampleId :
 PB82320BS

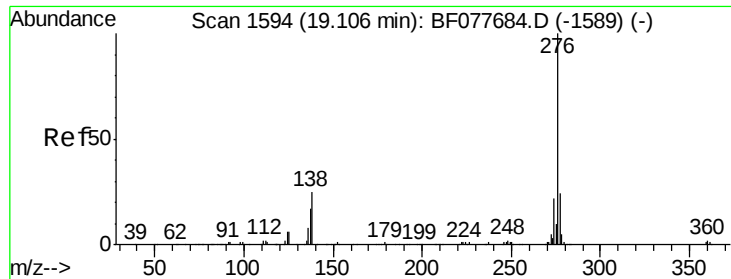
Tot Ion:149 Resp: 248622
 Ion Ratio Lower Upper
 149 100
 167 25.5 22.4 33.6
 279 2.7 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 34.81 ng
 RT: 16.80 min Scan# 1392
 Delta R.T. -0.05 min
 Lab File: BF077965.D
 Acq: 25 Mar 2015 21:48

Tgt Ion:149 Resp: 445919
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.8 7.3 10.9

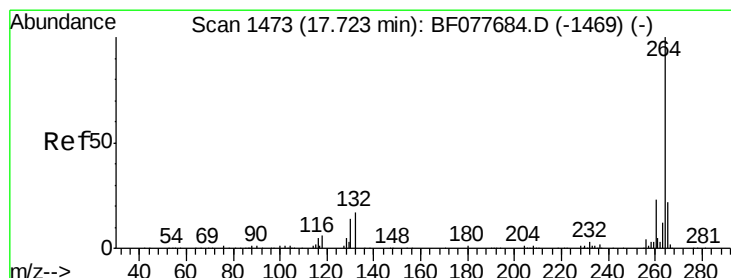
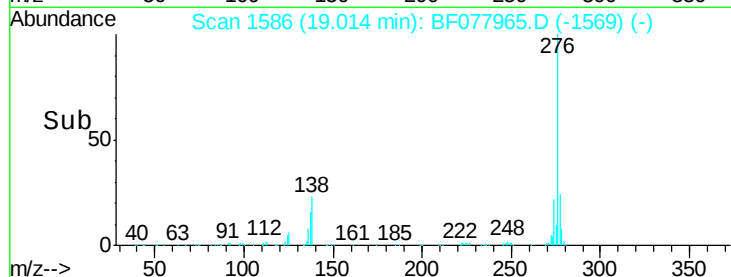
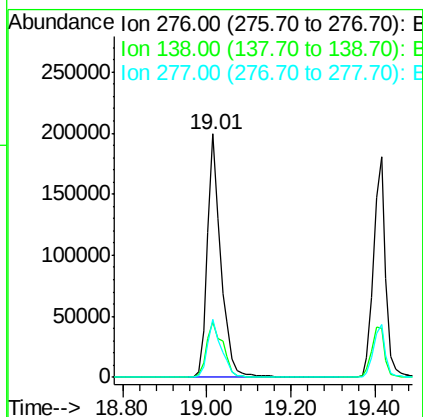
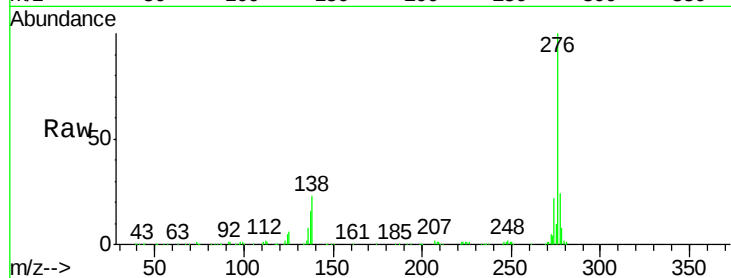




#85
Indeno(1,2,3-cd)pyrene
Concen: 33.31 ng
RT: 19.01 min Scan# 1586
Delta R.T. -0.10 min
Lab File: BF077965.D
Acq: 25 Mar 2015 21:48

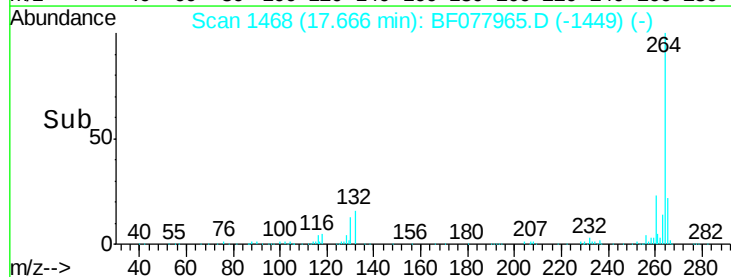
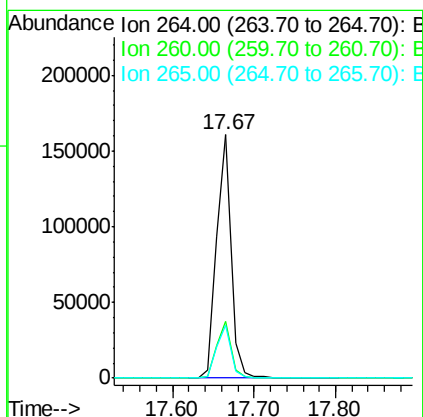
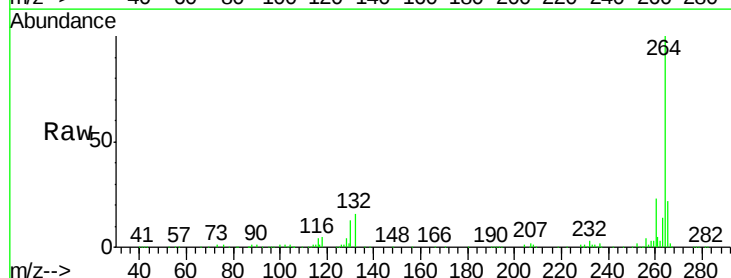
Instrument :
BNA_F
ClientSampled :
PB82320BS

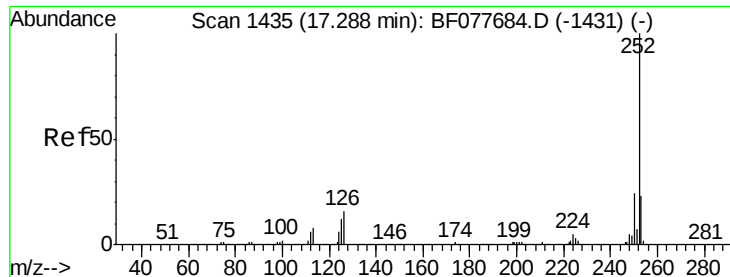
Tot Ion:276 Resp: 442016
Ion Ratio Lower Upper
276 100
138 28.1 0.0 0.0#
277 24.7 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 17.67 min Scan# 1468
Delta R.T. -0.08 min
Lab File: BF077965.D
Acq: 25 Mar 2015 21:48

Tgt Ion:264 Resp: 199800
Ion Ratio Lower Upper
264 100
260 23.4 18.6 27.8
265 21.8 17.3 25.9

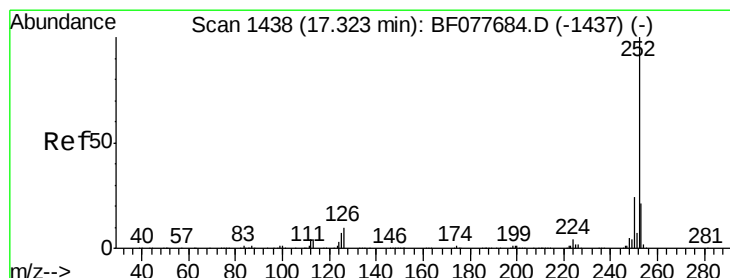
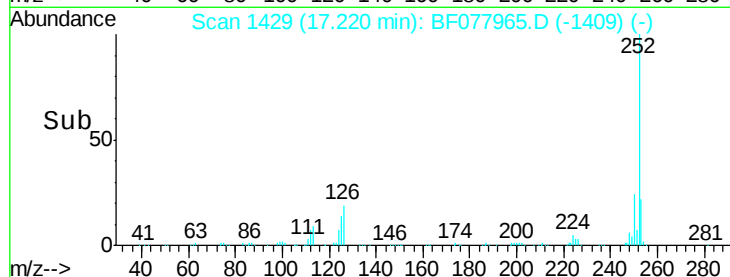
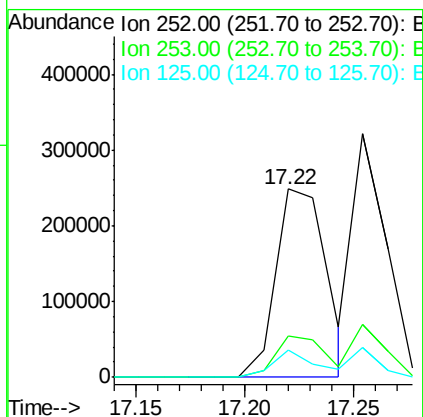
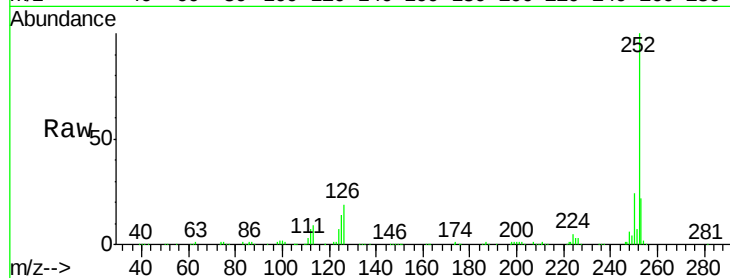




#87
Benzo(b)fluoranthene
Concen: 31.05 ng
RT: 17.22 min Scan# 1429
Delta R.T. -0.07 min
Lab File: BF077965.D
Acq: 25 Mar 2015 21:48

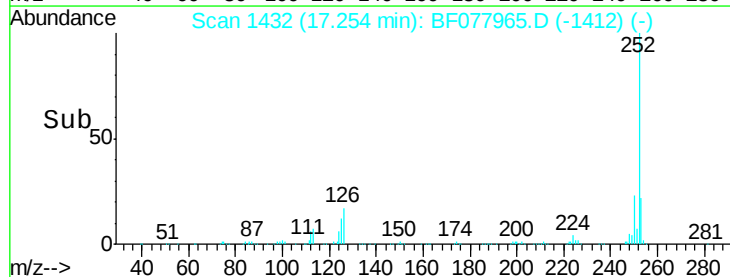
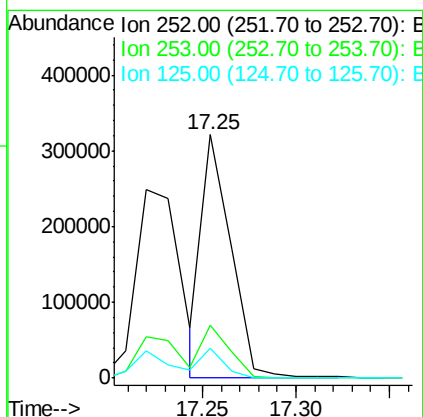
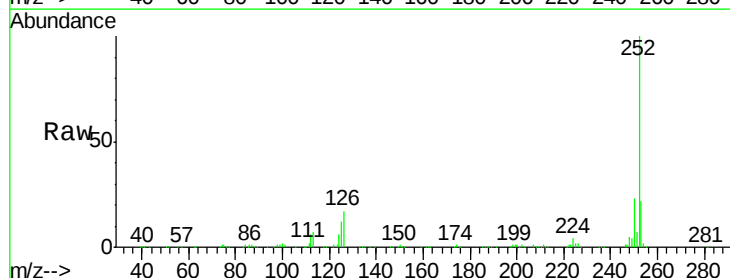
Instrument :
BNA_F
ClientSampleId :
PB82320BS

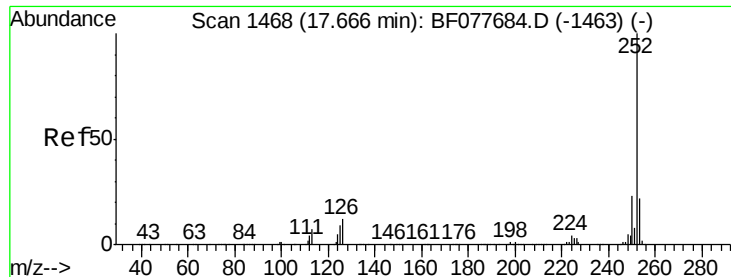
Tot Ion:252 Resp: 405045
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 14.2 9.9 14.9



#88
Benzo(k)fluoranthene
Concen: 34.73 ng m
RT: 17.25 min Scan# 1432
Delta R.T. -0.07 min
Lab File: BF077965.D
Acq: 25 Mar 2015 21:48

Tgt Ion:252 Resp: 353794
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 12.2 8.1 12.1#

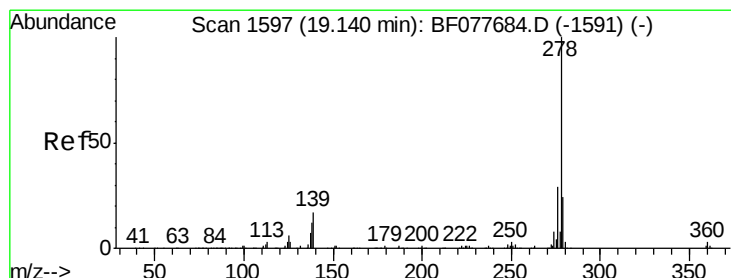
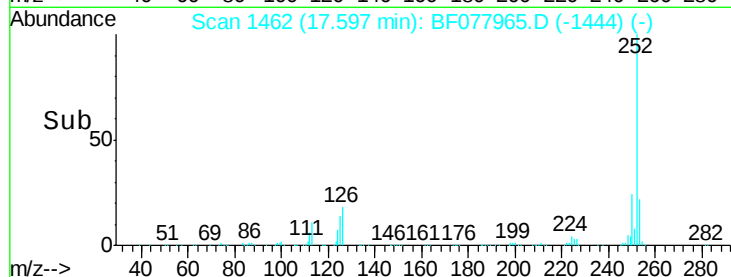
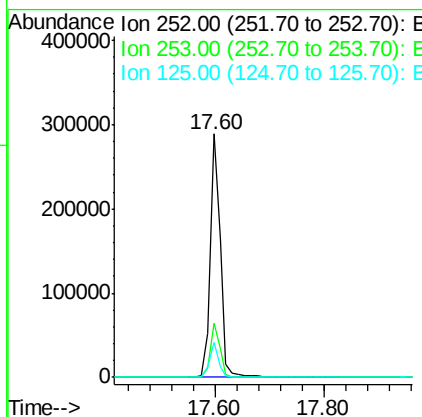
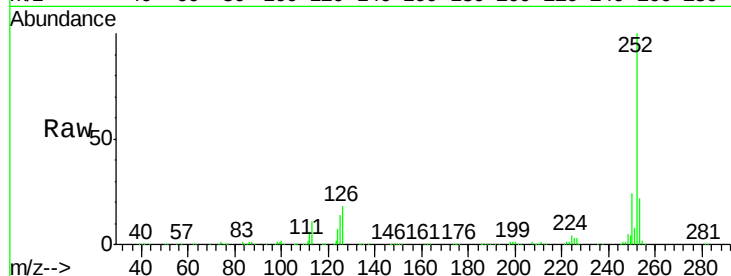




#89
Benzo(a)pyrene
Concen: 34.12 ng
RT: 17.60 min Scan# 1462
Delta R.T. -0.09 min
Lab File: BF077965.D
Acq: 25 Mar 2015 21:48

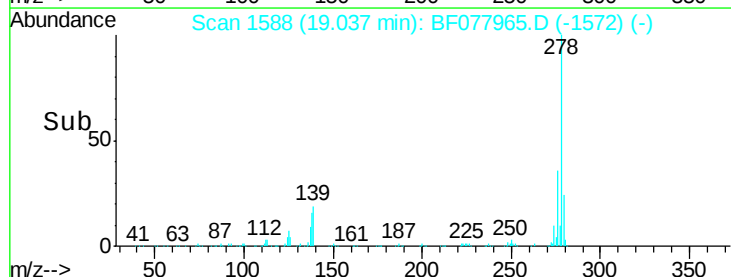
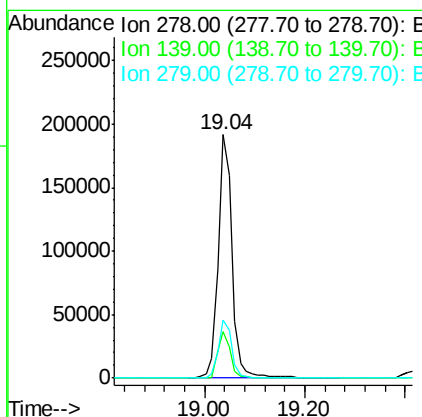
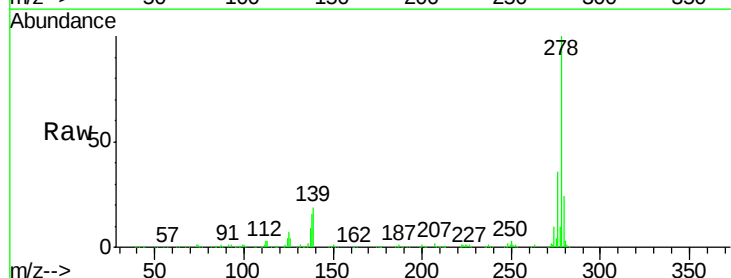
Instrument :
BNA_F
ClientSampleId :
PB82320BS

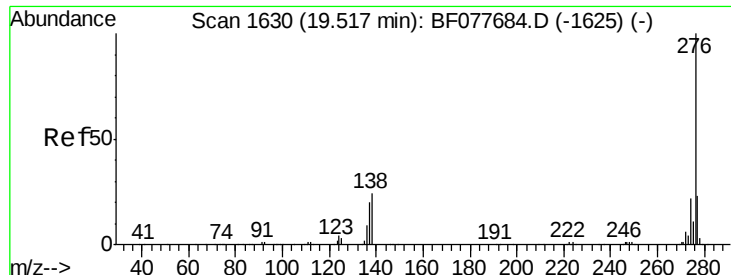
Tot Ion:252 Resp: 371378
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 14.2 7.4 11.2#



#90
Dibenzo(a,h)anthracene
Concen: 34.13 ng
RT: 19.04 min Scan# 1588
Delta R.T. -0.11 min
Lab File: BF077965.D
Acq: 25 Mar 2015 21:48

Tgt Ion:278 Resp: 368449
Ion Ratio Lower Upper
278 100
139 19.2 13.4 20.0
279 24.0 19.0 28.4

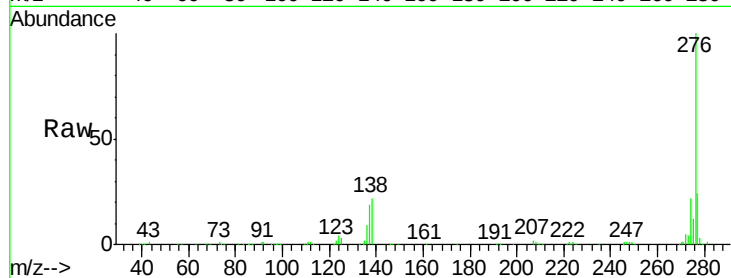




#91
 Benzo(a,h,i)perylene
 Concen: 33.27 ng
 RT: 19.41 min Scan# 1621
 Delta R.T. -0.10 min
 Lab File: BF077965.D
 Acq: 25 Mar 2015 21:48

Instrument :
 BNA_F
 ClientSampleId :
 PB82320BS

Tot Ion: 276 Resp: 365573
 Ion Ratio Lower Upper
 276 100
 277 23.9 18.5 27.7
 138 22.4 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

