

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
 Data File : BF077955.D
 Acq On : 25 Mar 2015 17:02
 Operator : TP/IZ
 Sample : PB82256BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82256BS

Quant Time: Mar 26 03:47:18 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	40492	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	169483	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	88009	20.00	ng	0.00
63) Phenanthrene-d10	12.68	188	178478	20.00	ng	0.00
75) Chrysene-d12	16.04	240	196520	20.00	ng	0.07
86) Perylene-d12	18.01	264	182090	20.00	ng	0.26

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	266652	114.95	ng	0.00
7) Phenol-d6	6.67	99	333425	116.33	ng	0.00
23) Nitrobenzene-d5	7.79	82	188956	73.08	ng	0.00
41) 2,4,6-Tribromophenol	11.83	330	91276	108.40	ng	0.00
44) 2-Fluorobiphenyl	10.02	172	418170	69.83	ng	0.00
78) Terphenyl-d14	14.68	244	547215	68.02	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.97	88	32099	30.48	ng	# 100
3) Pyridine	2.64	79	89837	31.75	ng	96
4) n-Nitrosodimethylamine	2.57	42	36758	29.83	ng	99
6) Aniline	6.68	93	87520	21.35	ng	# 68
8) 2-Chlorophenol	6.83	128	105057	38.05	ng	91
9) Benzaldehyde	6.54	77	4882	4.16	ng	86
10) Phenol	6.69	94	128996	38.07	ng	# 72
11) bis(2-Chloroethyl)ether	6.78	93	94509	37.24	ng	90
12) 1,3-Dichlorobenzene	7.01	146	106298	34.61	ng	97
13) 1,4-Dichlorobenzene	7.12	146	110085	34.50	ng	96
14) 1,2-Dichlorobenzene	7.30	146	105166	35.95	ng	96
15) Benzyl Alcohol	7.29	79	86122	38.49	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.46	45	124992	36.55	ng	98
17) 2-Methylphenol	7.44	107	82188	36.56	ng	97
18) Hexachloroethane	7.71	117	36533	34.91	ng	91
19) n-Nitroso-di-n-propylamine	7.62	70	71325	35.97	ng	99
20) 3+4-Methylphenols	7.63	107	112514	38.14	ng	93
22) Acetophenone	7.61	105	143467	38.24	ng	# 96
24) Nitrobenzene	7.81	77	103896	37.30	ng	93
25) Isophorone	8.11	82	182073	34.87	ng	# 91
26) 2-Nitrophenol	8.21	139	51127	37.49	ng	91
27) 2,4-Dimethylphenol	8.28	122	95756	38.54	ng	95
28) bis(2-Chloroethoxy)methane	8.40	93	116723	36.83	ng	100
29) 2,4-Dichlorophenol	8.51	162	89312	37.71	ng	98
30) 1,2,4-Trichlorobenzene	8.60	180	88456	33.39	ng	# 95
31) Naphthalene	8.70	128	297093	34.13	ng	99
32) Benzoic acid	8.41	122	49122	36.26	ng	87
33) 4-Chloroaniline	8.78	127	77858	22.04	ng	98
34) Hexachlorobutadiene	8.85	225	50807	33.83	ng	97
35) Caprolactam	9.21	113	27629	39.92	ng	97
36) 4-Chloro-3-methylphenol	9.40	107	90350	37.92	ng	98
37) 2-Methylnaphthalene	9.56	142	213261	36.47	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.77	216	90194	34.36	ng	# 100
40) Hexachlorocyclopentadiene	9.74	237	84449	64.89	ng	96

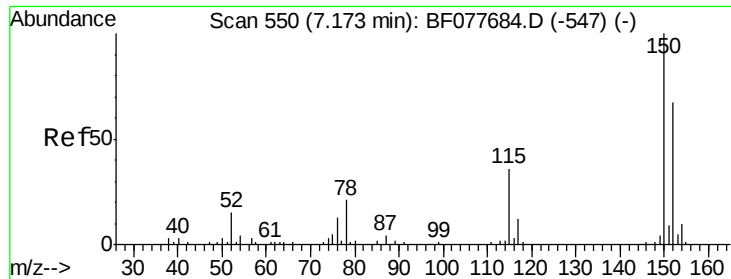
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
 Data File : BF077955.D
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Quant Time: Mar 26 03:47:18 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 00:45:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.92	196	66088	36.35	nq	98
43) 2,4,5-Trichlorophenol	9.96	196	68131	34.68	nq	# 88
45) 1,1'-Biphenyl	10.14	154	247201	35.14	nq	98
46) 2-Chloronaphthalene	10.16	162	197130	34.48	nq	# 93
47) 2-Nitroaniline	10.29	65	54304	38.24	nq	94
48) Acenaphthylene	10.67	152	326357	34.33	nq	100
49) Dimethylphthalate	10.53	163	240477	36.84	nq	100
50) 2,6-Dinitrotoluene	10.60	165	50907	37.62	nq	95
51) Acenaphthene	10.88	154	182234	33.43	nq	97
52) 3-Nitroaniline	10.81	138	47673	30.34	nq	96
53) 2,4-Dinitrophenol	10.95	184	43515	86.78	nq	# 75
54) Dibenzofuran	11.09	168	283463	35.06	nq	92
55) 4-Nitrophenol	11.04	139	87043	74.78	nq	86
56) 2,4-Dinitrotoluene	11.11	165	70453	39.93	nq	# 62
57) Fluorene	11.52	166	240559	35.83	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.25	232	59757	39.51	nq	# 100
59) Diethylphthalate	11.41	149	236256	37.15	nq	99
60) 4-Chlorophenyl-phenylether	11.53	204	105302	34.37	nq	# 82
61) 4-Nitroaniline	11.56	138	58548	37.38	nq	92
62) Azobenzene	11.72	77	215192	35.40	nq	88
64) 4,6-Dinitro-2-methylphenol	11.60	198	29474	36.14	nq	85
65) n-Nitrosodiphenylamine	11.69	169	207264	34.88	nq	100
66) 4-Bromophenyl-phenylether	12.13	248	64791	34.02	nq	# 82
67) Hexachlorobenzene	12.19	284	69913	33.41	nq	# 81
68) Atrazine	12.36	200	70136	42.11	nq	98
69) Pentachlorophenol	12.45	266	73793	67.81	nq	98
70) Phenanthrene	12.71	178	348271	33.99	nq	99
71) Anthracene	12.77	178	369218	36.47	nq	99
72) Carbazole	12.98	167	343649	35.69	nq	99
73) Di-n-butylphthalate	13.44	149	399423	36.99	nq	99
74) Fluoranthene	14.18	202	394133	34.88	nq	96
76) Benzidine	14.37	184	152280	31.22	nq	100
77) Pyrene	14.47	202	424423	34.34	nq	100
79) Butylbenzylphthalate	15.32	149	182783	37.51	nq	# 82
80) Benzo(a)anthracene	16.03	228	402324	34.54	nq	99
81) 3,3'-Dichlorobenzidine	16.01	252	97698	25.42	nq	97
82) Chrysene	16.08	228	382091	36.48	nq	99
83) Bis(2-ethylhexyl)phthalate	16.11	149	271141	36.74	nq	# 96
84) Di-n-octyl phthalate	17.01	149	473558	37.53	nq	100
85) Indeno(1,2,3-cd)pyrene	19.46	276	413895m	31.66	nq	
87) Benzo(b)fluoranthene	17.49	252	378601m	31.85	nq	
88) Benzo(k)fluoranthene	17.53	252	391133	42.12	nq	99
89) Benzo(a)pyrene	17.93	252	373119	37.62	nq	# 98
90) Dibenzo(a,h)anthracene	19.48	278	344416	35.01	nq	97
91) Benzo(g,h,i)perylene	19.86	276	352511	35.20	nq	99

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

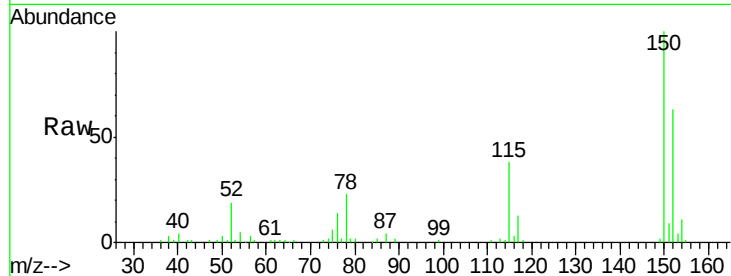


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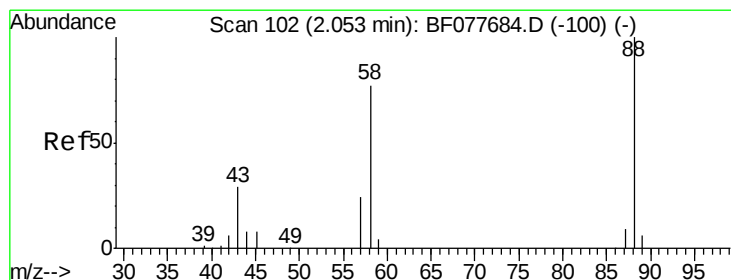
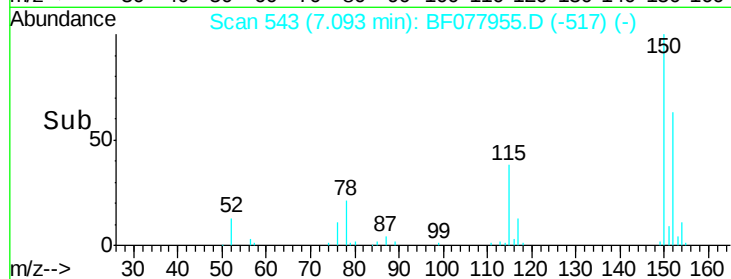
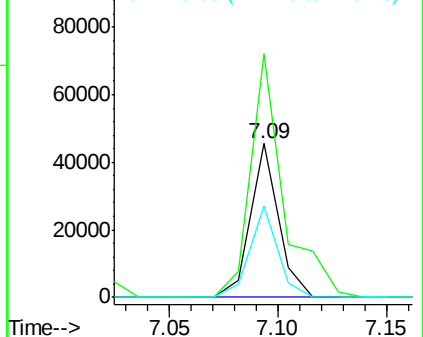
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.09 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF077955.D
Acq: 25 Mar 2015 17:02

Instrument :
BNA_F
ClientSampleId :
PB82256BS

Tot Ion:152 Resp: 40492
Ion Ratio Lower Upper
152 100
150 158.6 119.5 179.3
115 59.8 43.0 64.4



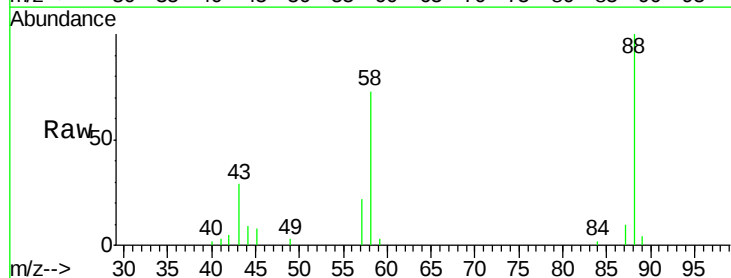
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



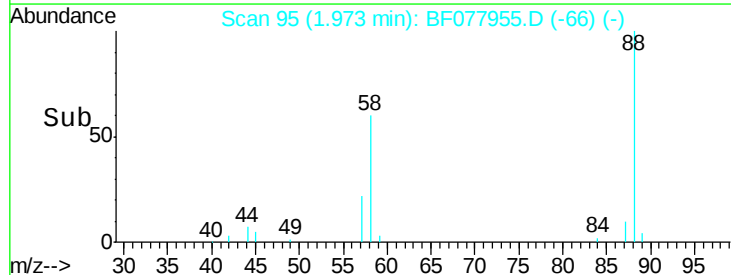
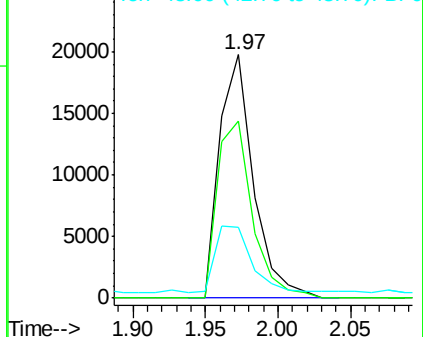
#2

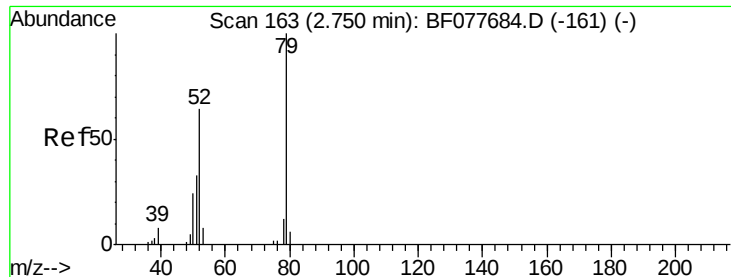
1,4-Dioxane
Concen: 30.48 ng
RT: 1.97 min Scan# 95
Delta R.T. 0.03 min
Lab File: BF077955.D
Acq: 25 Mar 2015 17:02

Tgt Ion: 88 Resp: 32099
Ion Ratio Lower Upper
88 100
58 75.2 0.0 0.0#
43 29.4 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: 31.75 ng

RT: 2.64 min Scan# 153

Delta R.T. 0.03 min

Lab File: BF077955.D

Acq: 25 Mar 2015 17:02

Instrument :

BNA_F

ClientSampleId :

PB82256BS

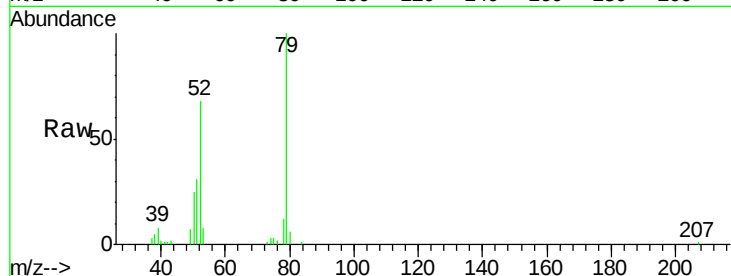
Tot Ion: 79 Resp: 89837

Ion Ratio Lower Upper

79 100

52 67.8 51.1 76.7

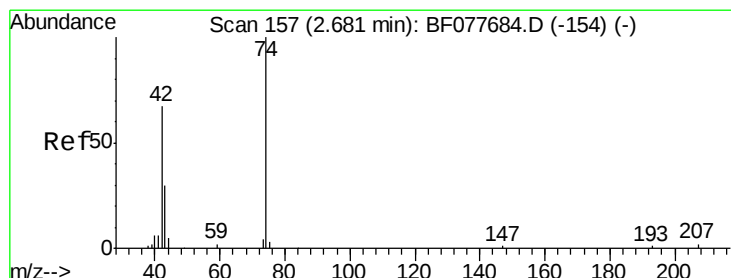
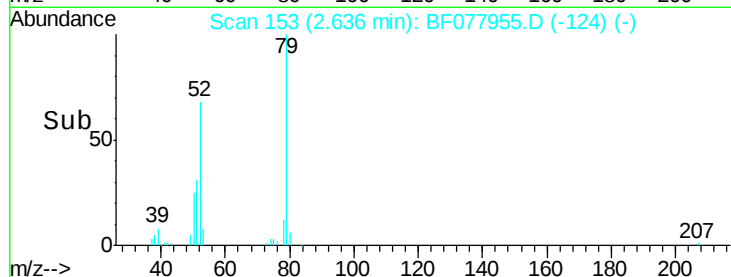
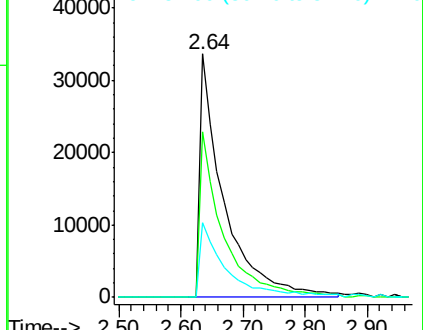
51 30.7 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 29.83 ng

RT: 2.57 min Scan# 147

Delta R.T. 0.02 min

Lab File: BF077955.D

Acq: 25 Mar 2015 17:02

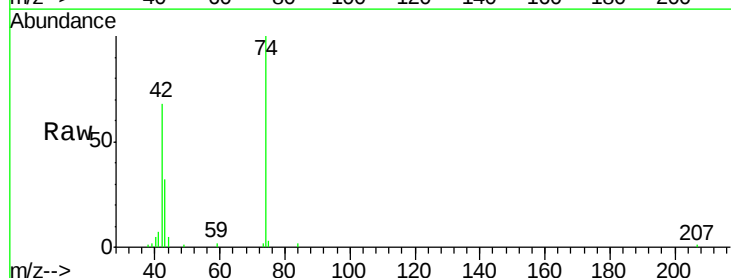
Tgt Ion: 42 Resp: 36758

Ion Ratio Lower Upper

42 100

74 147.2 119.3 178.9

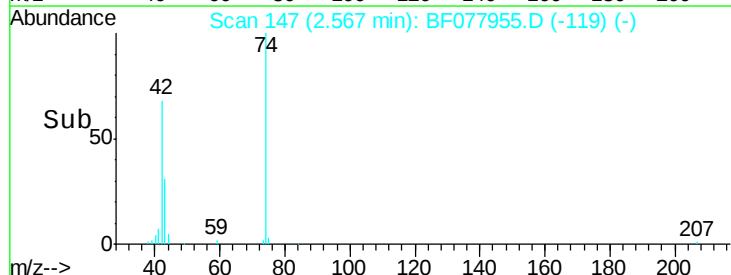
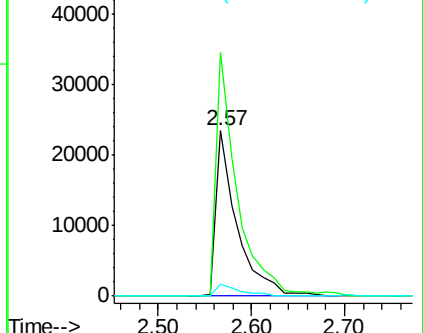
44 7.2 5.4 8.2

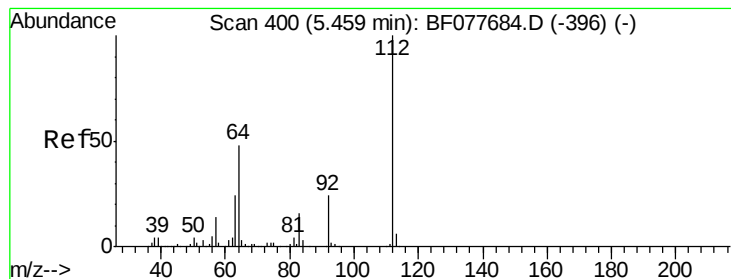


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 114.95 ng

RT: 5.38 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF077955.D

Acq: 25 Mar 2015 17:02

Instrument :

BNA_F

ClientSampleId :

PB82256BS

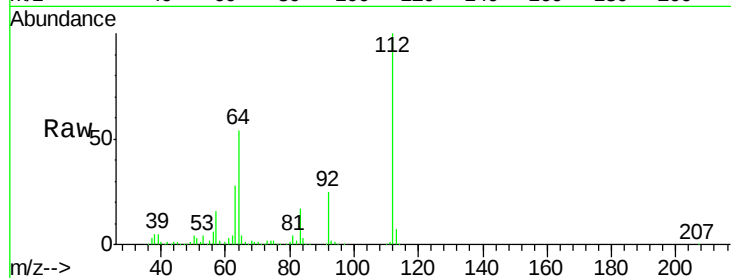
Tot Ion:112 Resp: 266652

Ion Ratio Lower Upper

112 100

64 53.5 38.6 57.8

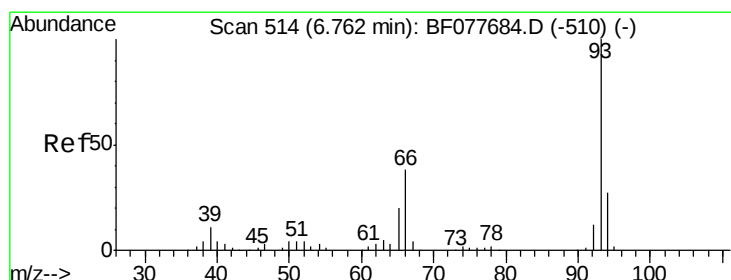
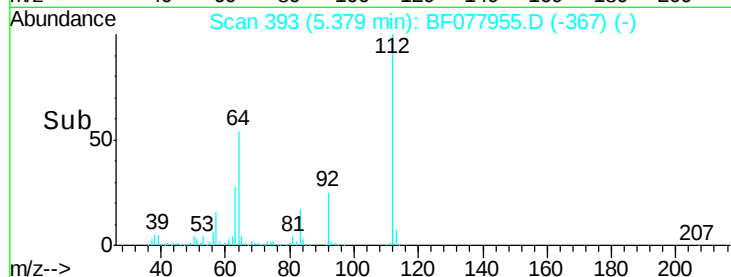
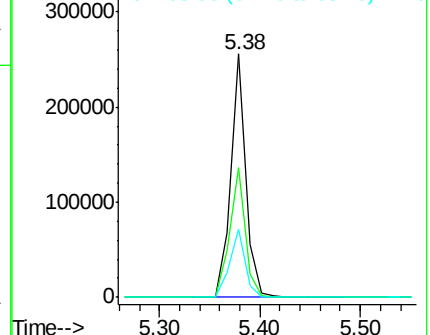
63 27.9 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.35 ng

RT: 6.68 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF077955.D

Acq: 25 Mar 2015 17:02

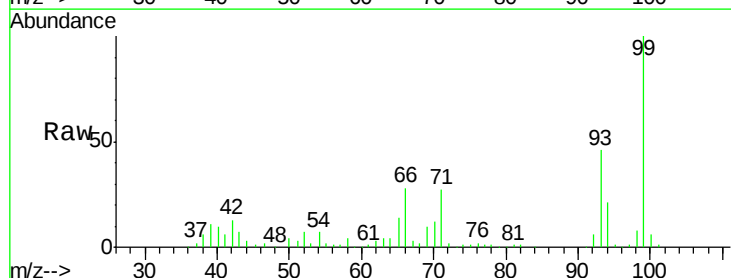
Tgt Ion: 93 Resp: 87520

Ion Ratio Lower Upper

93 100

66 60.2 30.8 46.2#

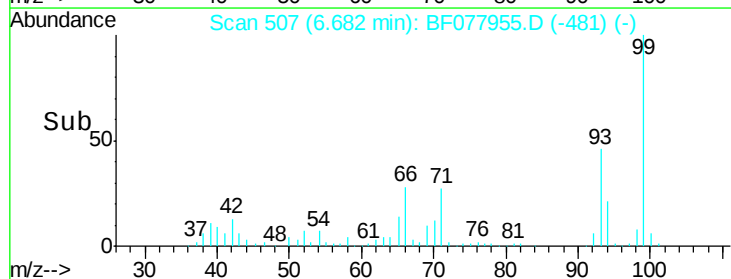
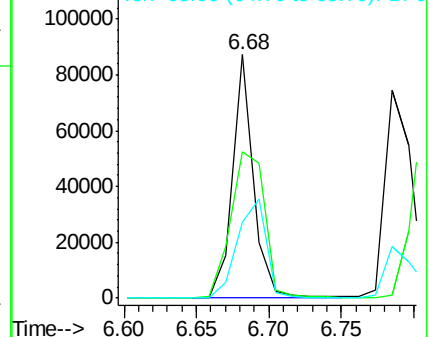
65 31.4 16.0 24.0#

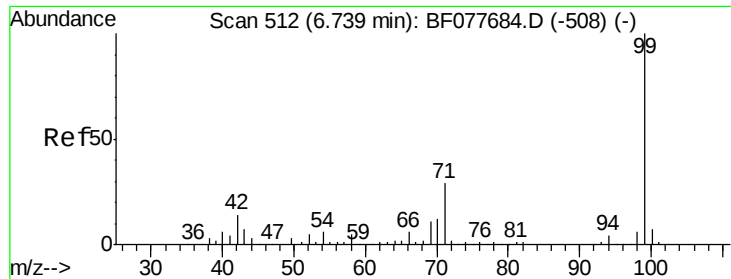


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 116.33 ng

RT: 6.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF077955.D

Acq: 25 Mar 2015 17:02

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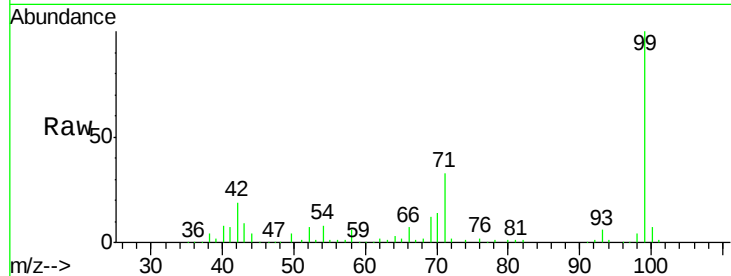
Tot Ion: 99 Resp: 333425

Ion Ratio Lower Upper

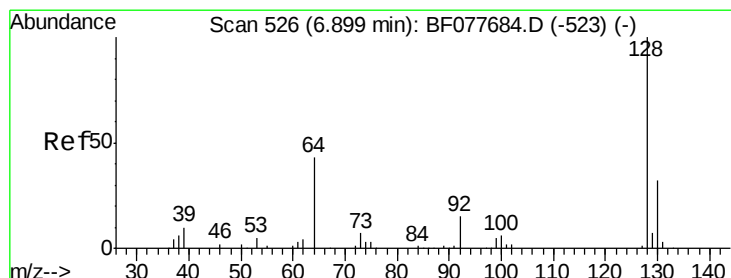
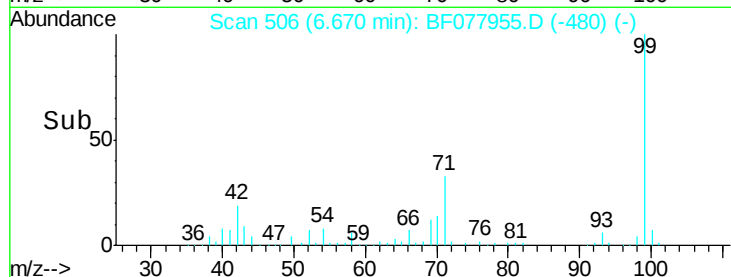
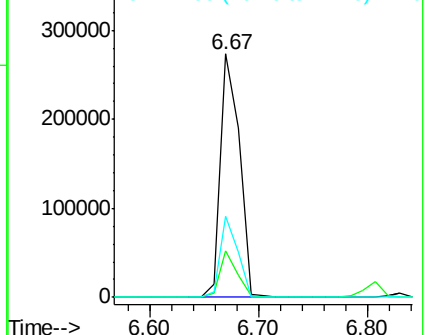
99 100

42 18.9 11.0 16.4#

71 33.4 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: 38.05 ng

RT: 6.83 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF077955.D

Acq: 25 Mar 2015 17:02

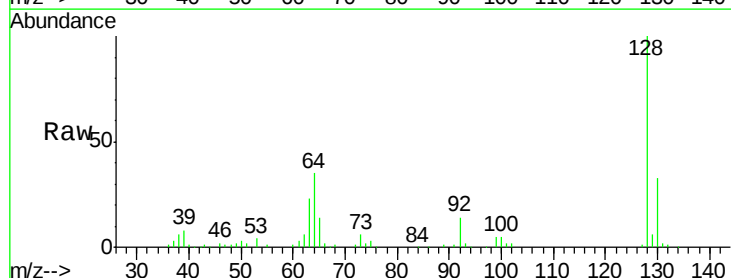
Tgt Ion:128 Resp: 105057

Ion Ratio Lower Upper

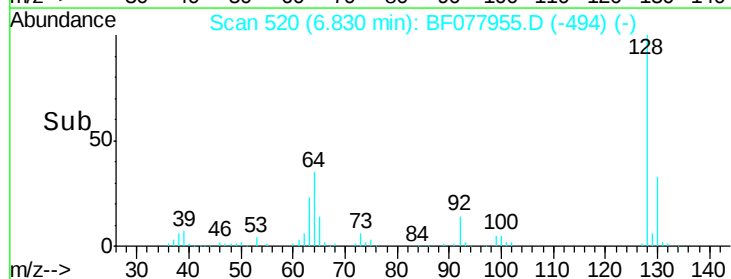
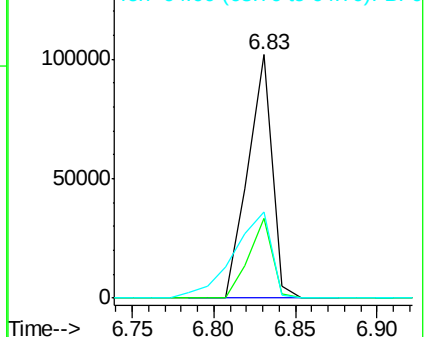
128 100

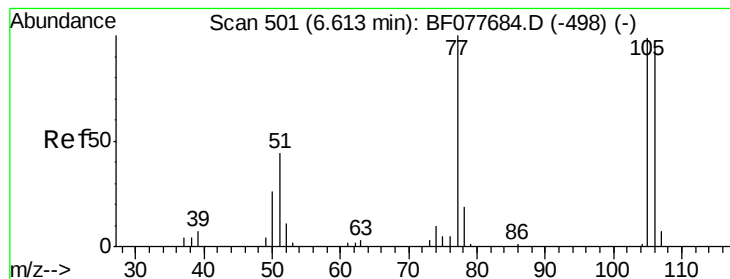
130 32.7 12.0 52.0

64 35.2 24.9 64.9



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





#9

Benzaldehyde

Concen: 4.16 ng

RT: 6.54 min Scan# 495

Delta R.T. 0.01 min

Lab File: BF077955.D

Acq: 25 Mar 2015 17:02

Instrument :

BNA_F

ClientSampleID :

PB82256BS

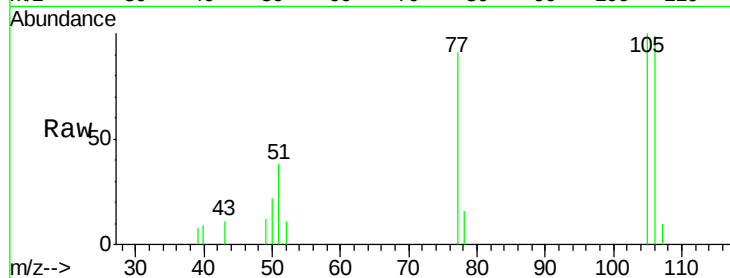
Tot Ion: 77 Resp: 4882

Ion Ratio Lower Upper

77 100

105 110.0 78.8 118.8

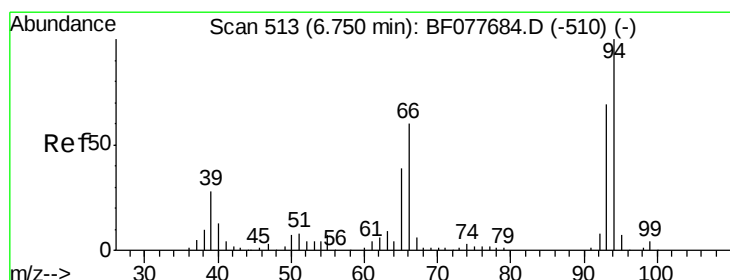
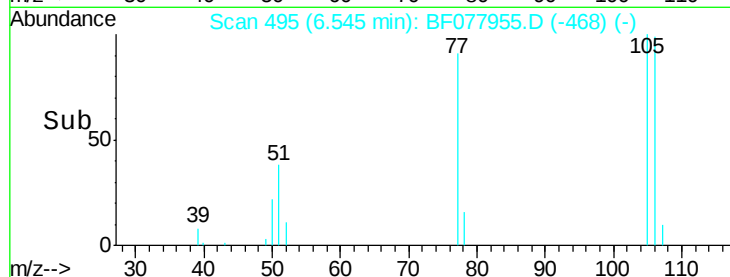
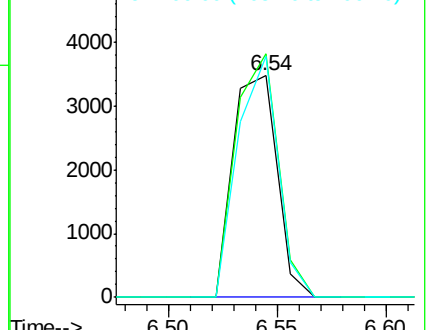
106 109.1 73.7 113.7



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: 38.07 ng

RT: 6.69 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF077955.D

Acq: 25 Mar 2015 17:02

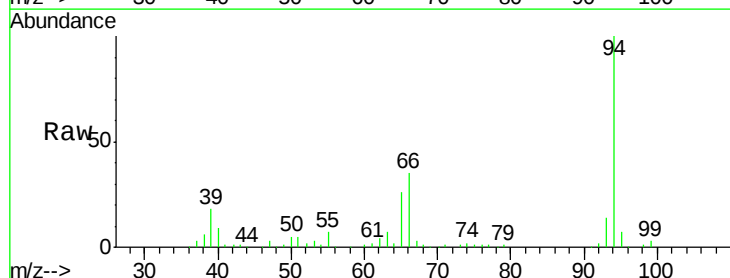
Tgt Ion: 94 Resp: 128996

Ion Ratio Lower Upper

94 100

65 26.0 18.8 58.8

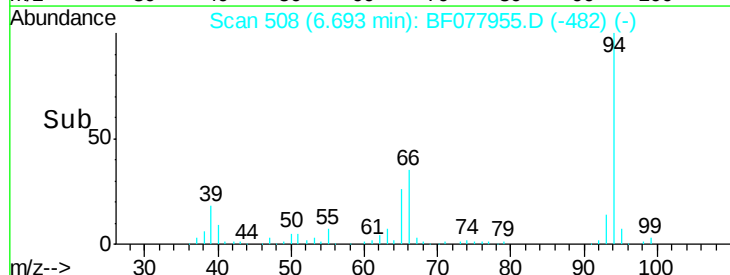
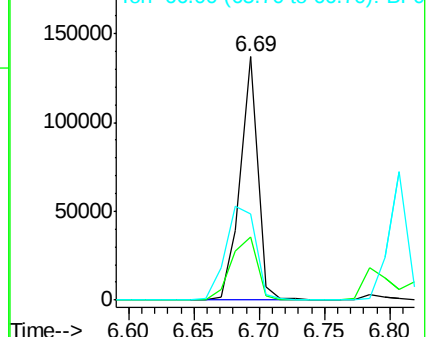
66 35.3 39.9 79.9#

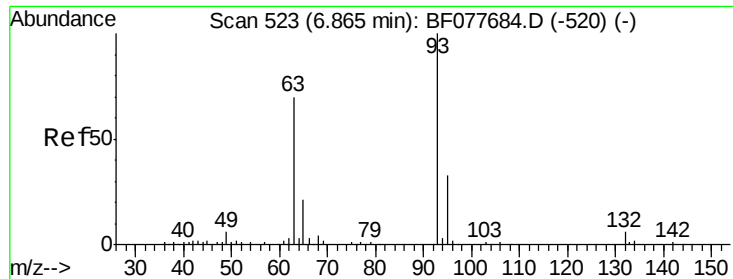


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

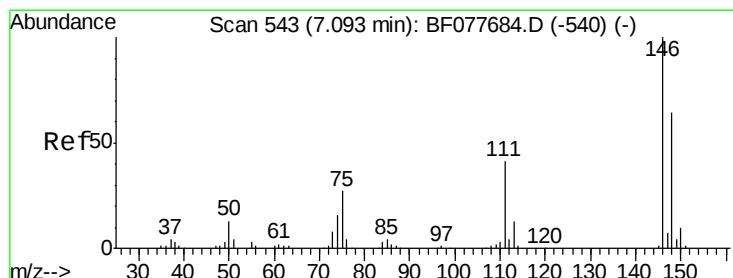
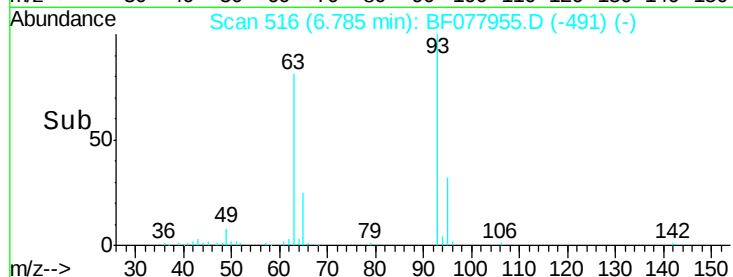
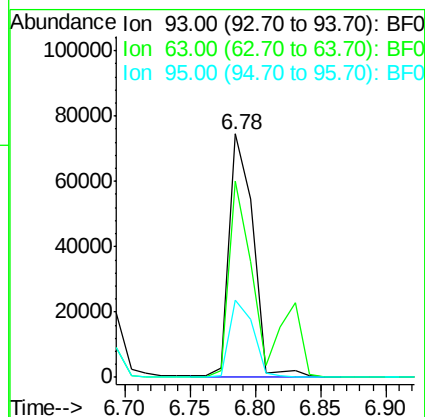
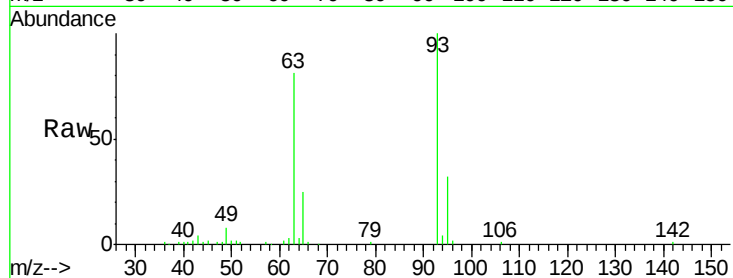




#11
bis(2-Chloroethyl)ether
Concen: 37.24 ng
RT: 6.78 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF077955.D
Acq: 25 Mar 2015 17:02

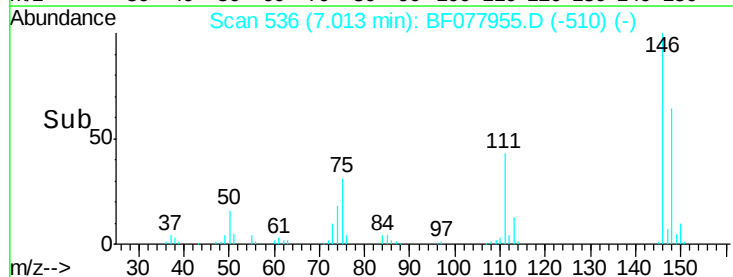
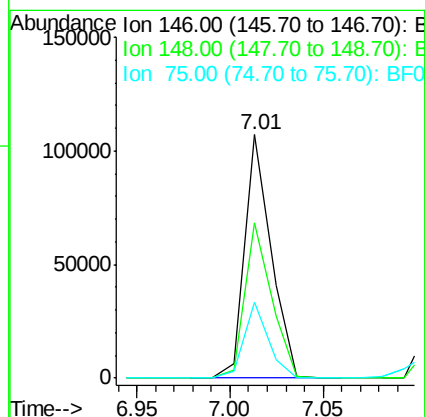
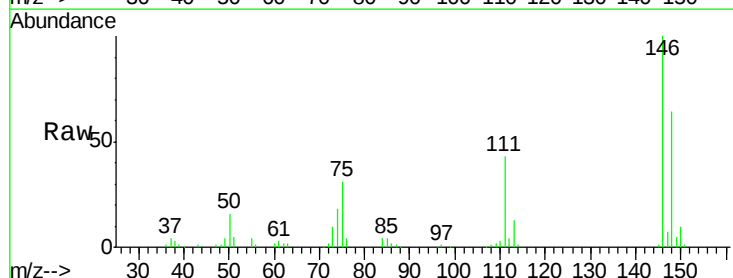
Instrument :
BNA_F
ClientSampleId :
PB82256BS

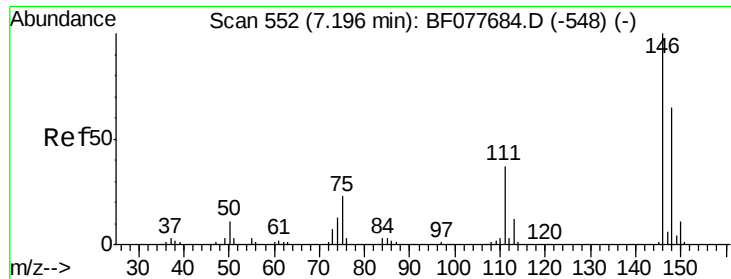
Tot Ion: 93 Resp: 94509
Ion Ratio Lower Upper
93 100
63 80.7 49.5 89.5
95 31.6 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 34.61 ng
RT: 7.01 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF077955.D
Acq: 25 Mar 2015 17:02

Tgt Ion: 146 Resp: 106298
Ion Ratio Lower Upper
146 100
148 64.0 50.9 76.3
75 31.0 21.4 32.2

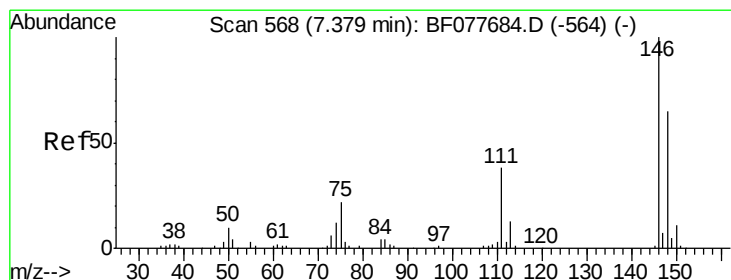
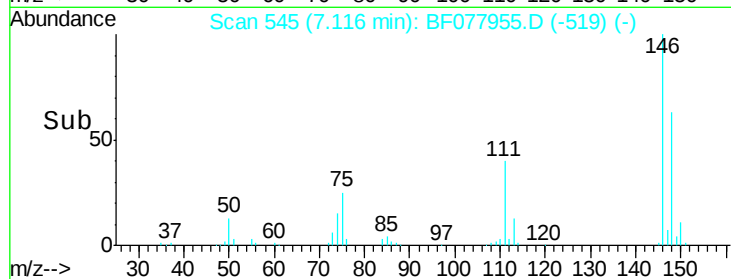
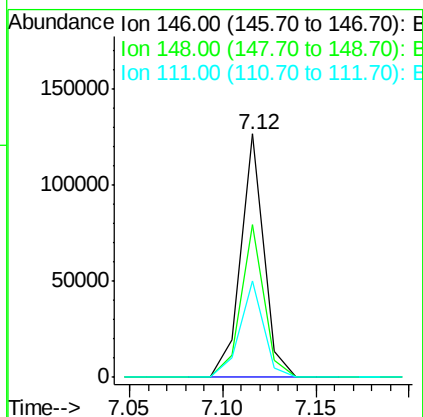
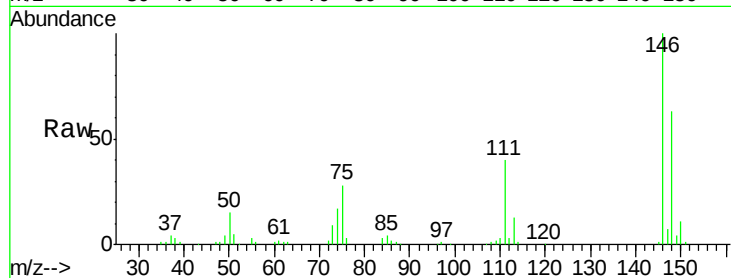




#13
 1,4-Dichlorobenzene
 Concen: 34.50 ng
 RT: 7.12 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: BF077955.D
 Acq: 25 Mar 2015 17:02

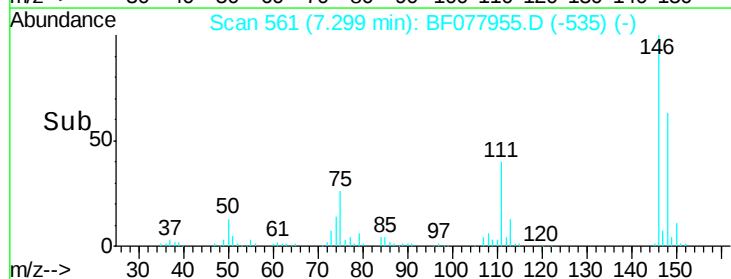
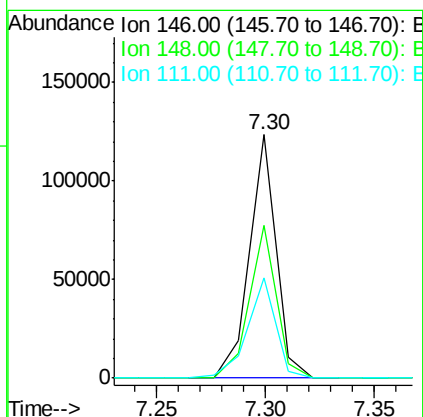
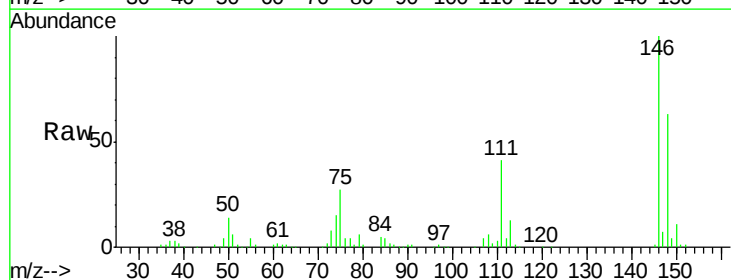
Instrument :
 BNA_F
 ClientSampleId :
 PB82256BS

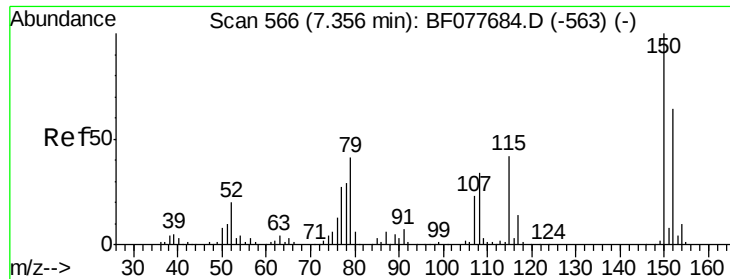
Tot Ion:146 Resp: 110085
 Ion Ratio Lower Upper
 146 100
 148 62.6 51.9 77.9
 111 39.5 29.2 43.8



#14
 1,2-Dichlorobenzene
 Concen: 35.95 ng
 RT: 7.30 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: BF077955.D
 Acq: 25 Mar 2015 17:02

Tgt Ion:146 Resp: 105166
 Ion Ratio Lower Upper
 146 100
 148 62.8 52.3 78.5
 111 41.0 30.6 45.8





#15

Benzyl Alcohol

Concen: 38.49 ng

RT: 7.29 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF077955.D

Acq: 25 Mar 2015 17:02

Instrument :

BNA_F

ClientSampleId :

PB82256BS

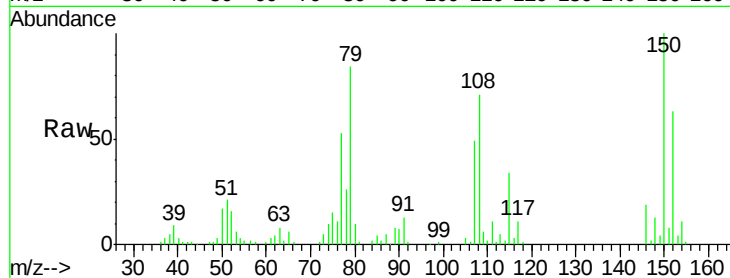
Tot Ion: 79 Resp: 86122

Ion Ratio Lower Upper

79 100

108 84.7 65.0 97.4

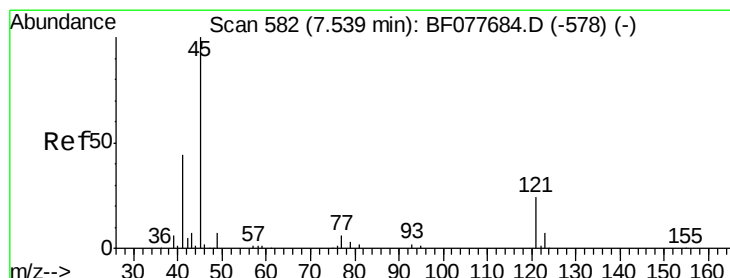
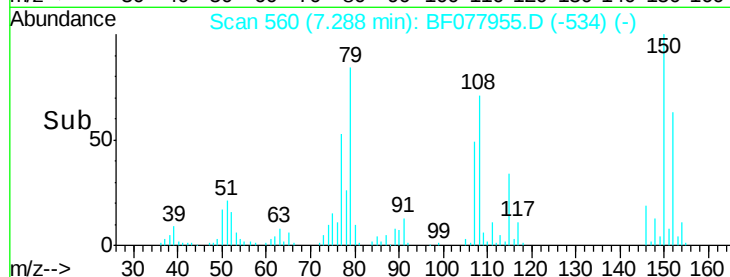
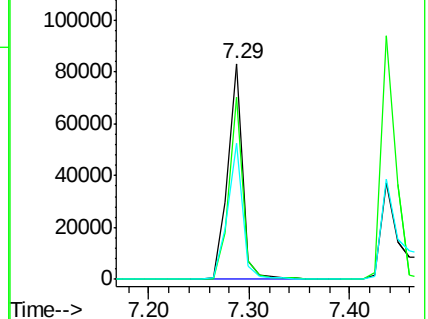
77 63.3 53.0 79.6



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: 36.55 ng

RT: 7.46 min Scan# 575

Delta R.T. 0.00 min

Lab File: BF077955.D

Acq: 25 Mar 2015 17:02

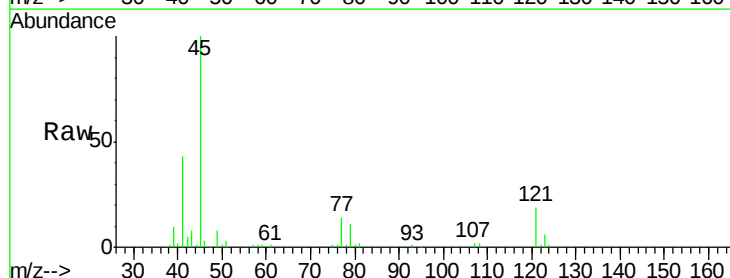
Tgt Ion: 45 Resp: 124992

Ion Ratio Lower Upper

45 100

77 14.3 0.0 35.2

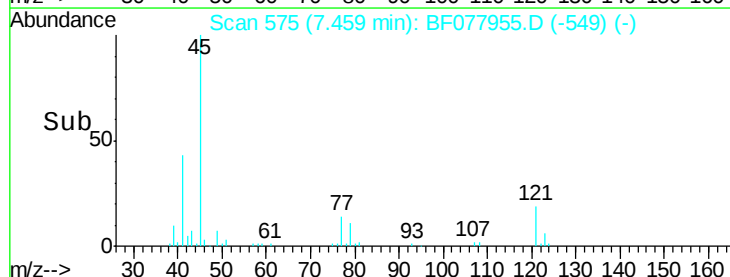
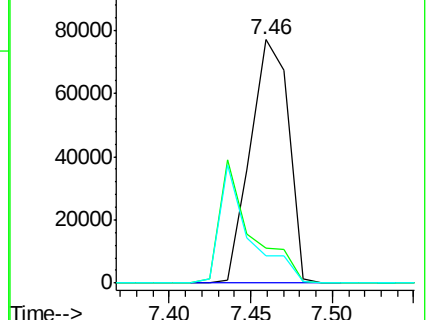
79 11.1 0.0 32.0

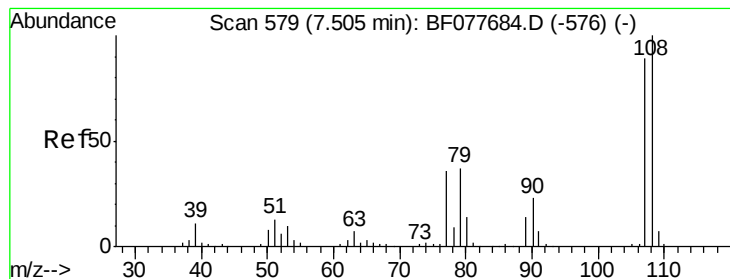


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

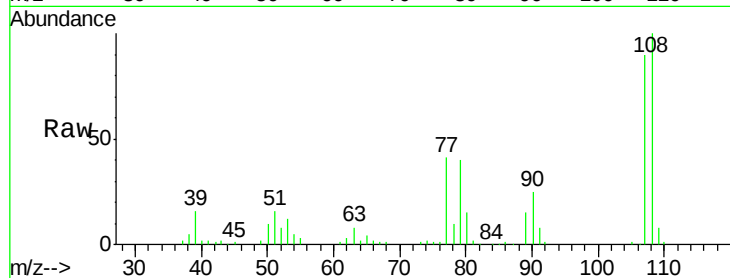




#17
2-Methylphenol
Concen: 36.56 ng
RT: 7.44 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF077955.D
Acq: 25 Mar 2015 17:02

Instrument :
BNA_F
ClientSampleId :
PB82256BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.4	89.8	134.8
77	46.1	32.6	48.8
79	44.2	32.8	49.2



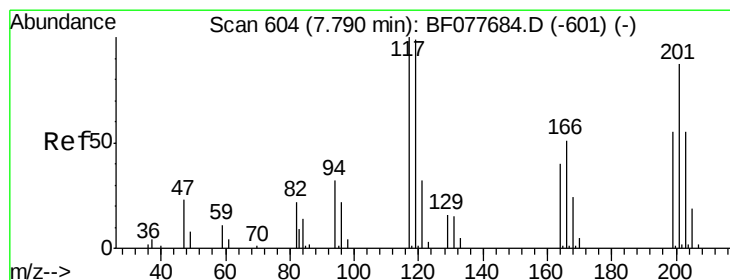
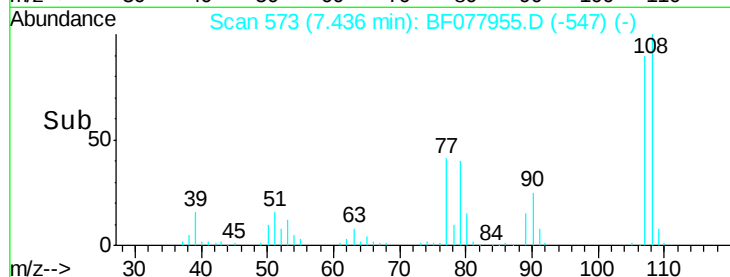
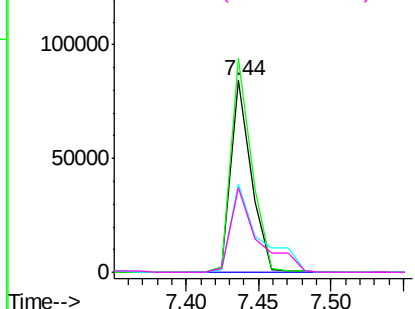
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

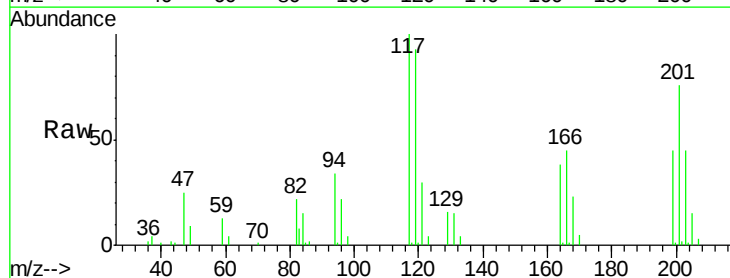
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 34.91 ng
RT: 7.71 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF077955.D
Acq: 25 Mar 2015 17:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.6	79.2	118.8
201	75.6	69.8	104.6

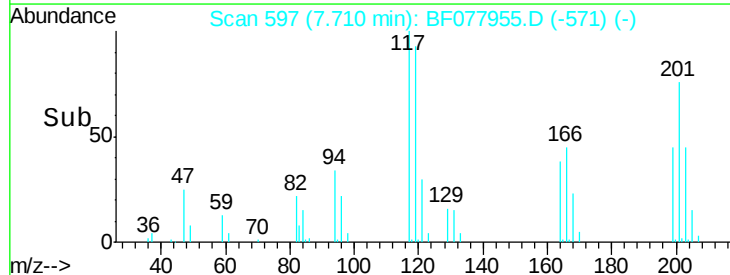
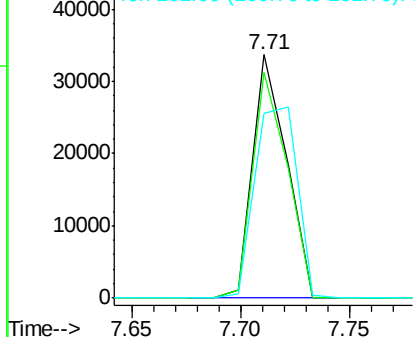


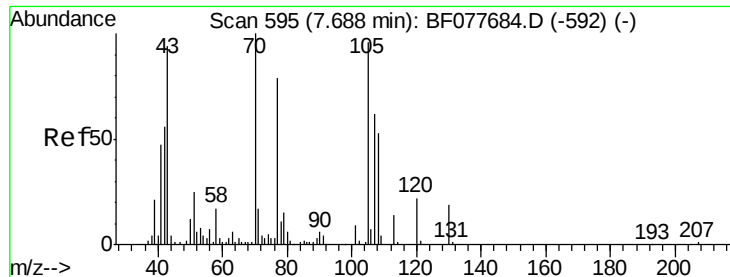
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

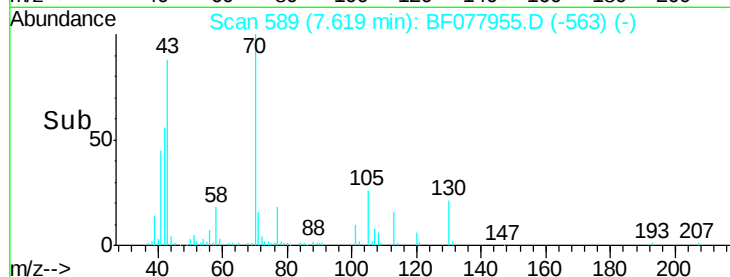
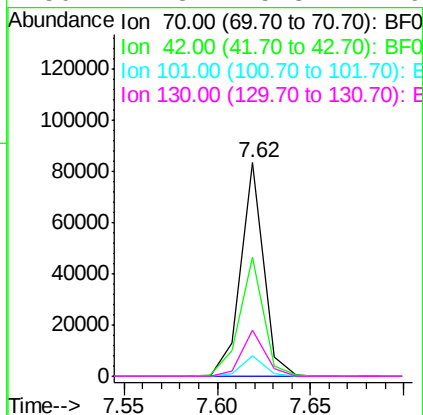
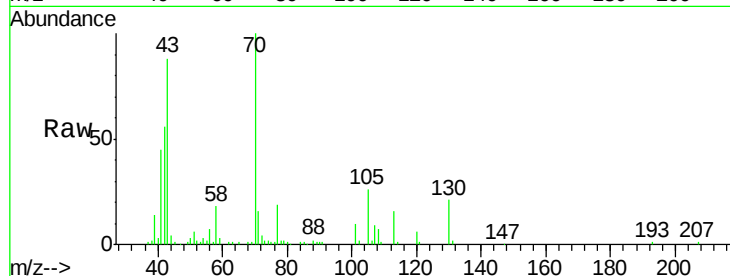




#19
n-Nitroso-di-n-propylamine
Concen: 35.97 ng
RT: 7.62 min Scan# 589
Delta R.T. 0.00 min
Lab File: BF077955.D
Acq: 25 Mar 2015 17:02

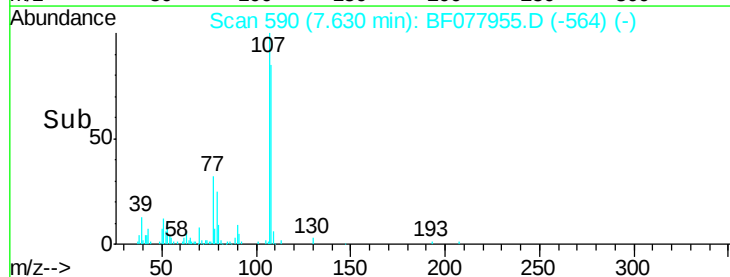
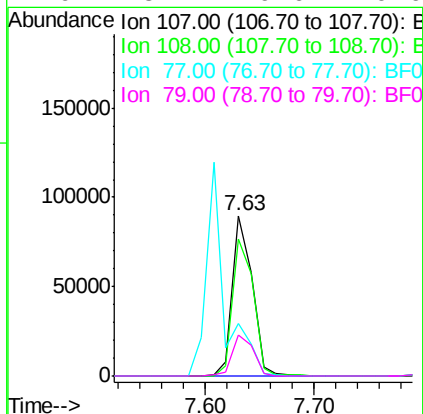
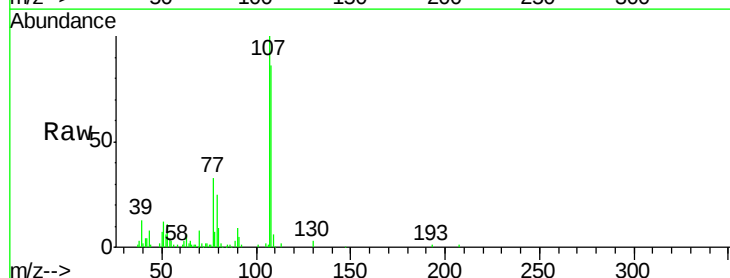
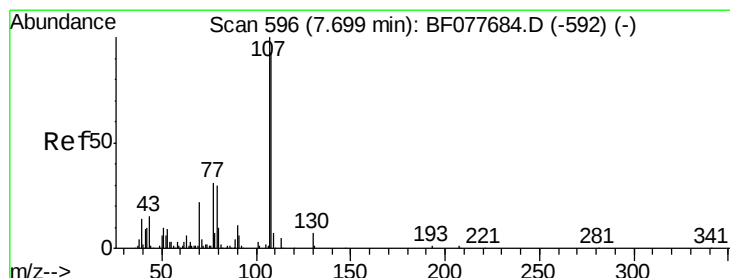
Instrument :
BNA_F
ClientSampleId :
PB82256BS

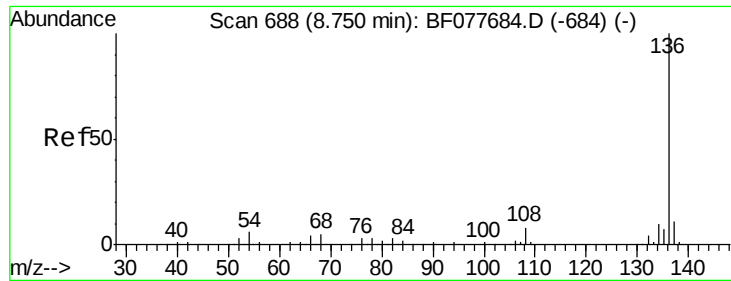
Tot Ion:	70	Resp:	71325
Ion	Ratio	Lower	Upper
70	100		
42	55.7	44.5	66.7
101	9.7	7.4	11.2
130	21.3	15.3	22.9



#20
3+4-Methylphenols
Concen: 38.14 ng
RT: 7.63 min Scan# 590
Delta R.T. 0.00 min
Lab File: BF077955.D
Acq: 25 Mar 2015 17:02

Tgt Ion:	107	Resp:	112514
Ion	Ratio	Lower	Upper
107	100		
108	85.6	73.2	113.2
77	32.7	10.7	50.7
79	25.4	9.6	49.6

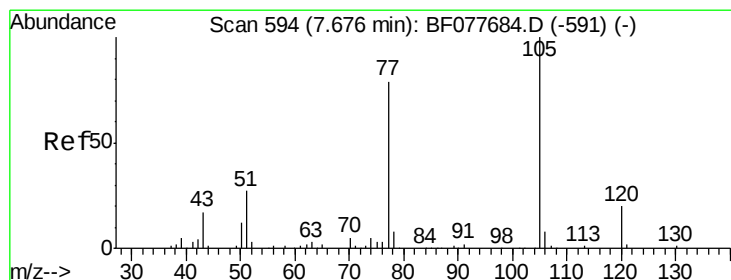
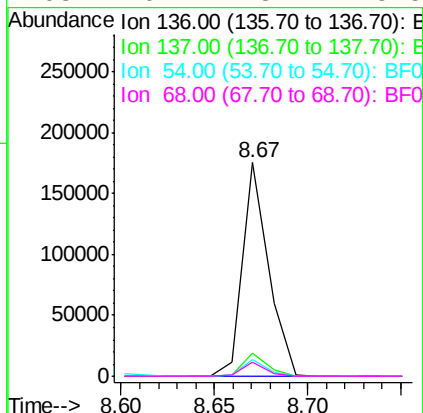
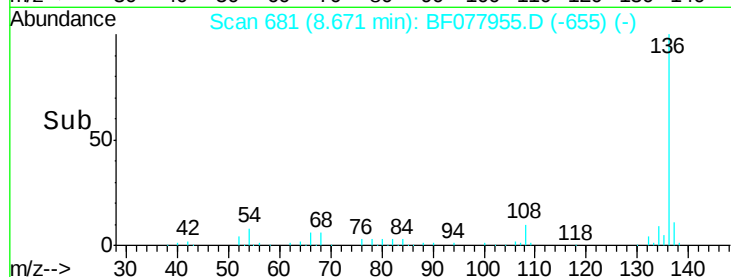
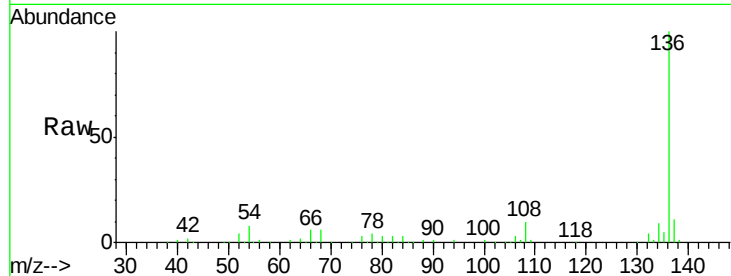




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF077955.D
Acq: 25 Mar 2015 17:02

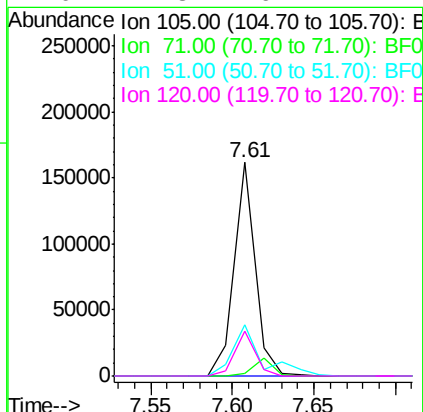
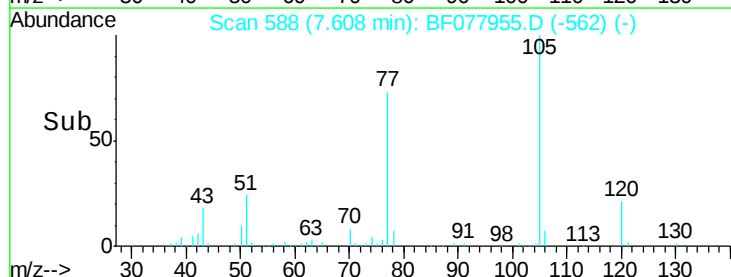
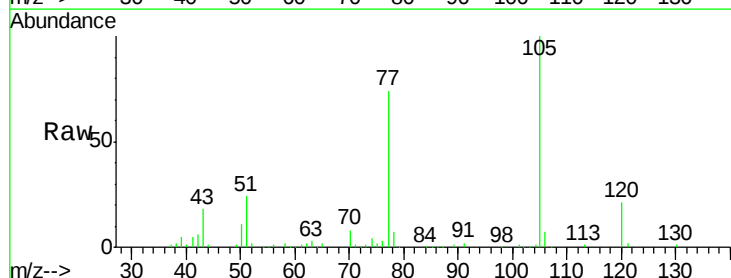
Instrument :
BNA_F
ClientSampleId :
PB82256BS

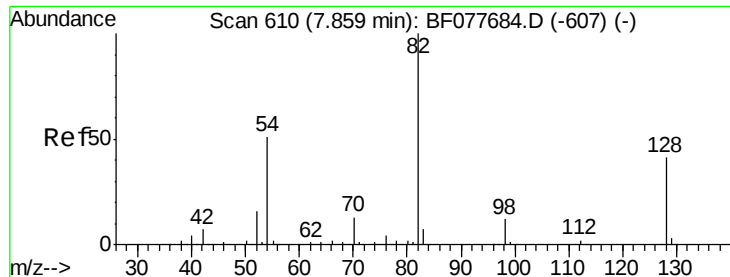
Tot Ion:	136	Resp:	169483
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	7.9	4.6	6.8#
68	6.4	3.7	5.5#



#22
Acetophenone
Concen: 38.24 ng
RT: 7.61 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF077955.D
Acq: 25 Mar 2015 17:02

Tgt Ion:	105	Resp:	143467
Ion	Ratio	Lower	Upper
105	100		
71	1.5	0.6	1.0#
51	24.2	21.6	32.4
120	21.3	16.1	24.1

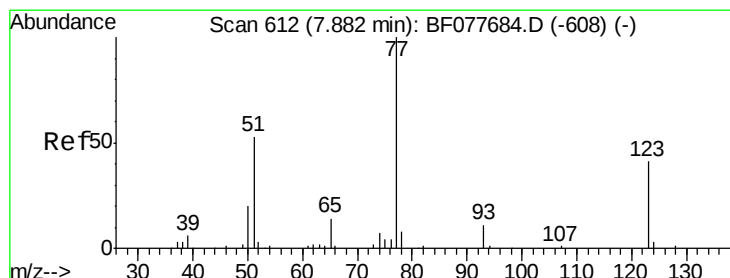
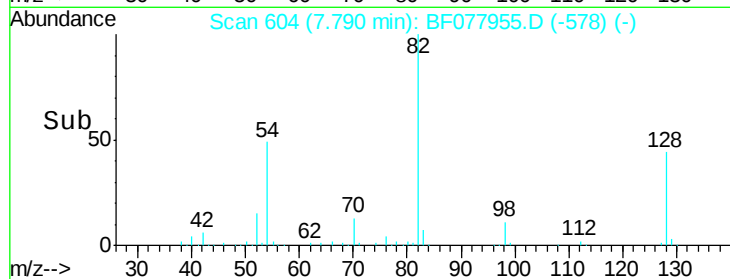
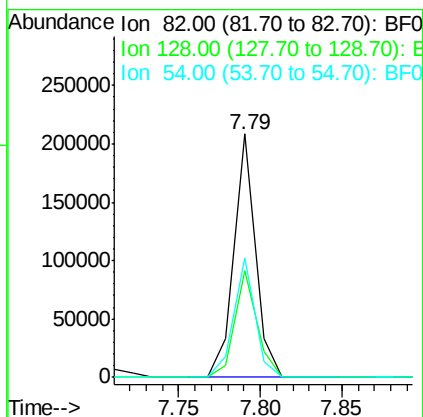
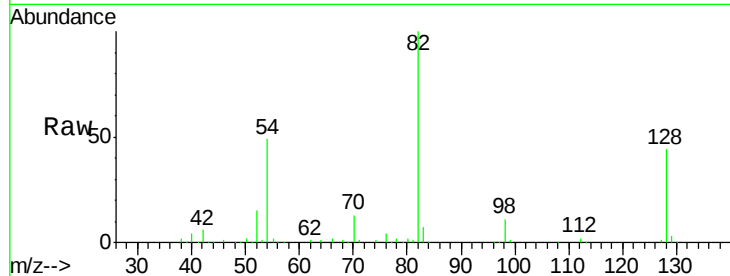




#23
Nitrobenzene-d5
Concen: 73.08 ng
RT: 7.79 min Scan# 604
Delta R.T. 0.00 min
Lab File: BF077955.D
Acq: 25 Mar 2015 17:02

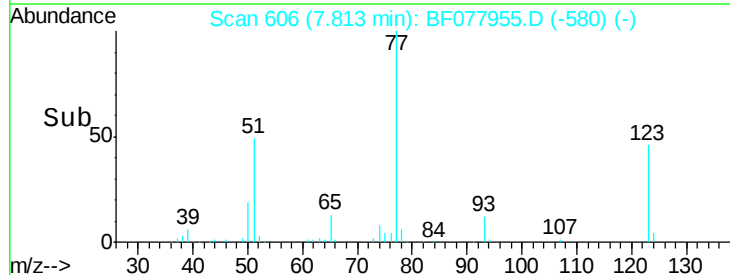
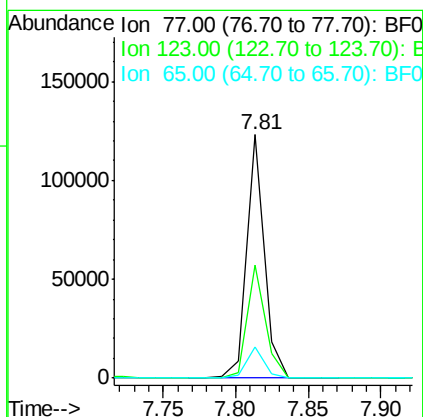
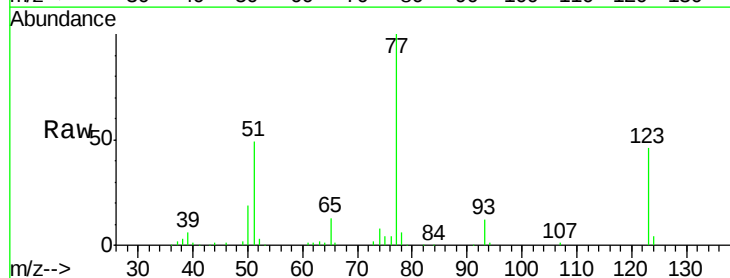
Instrument :
BNA_F
ClientSampleId :
PB82256BS

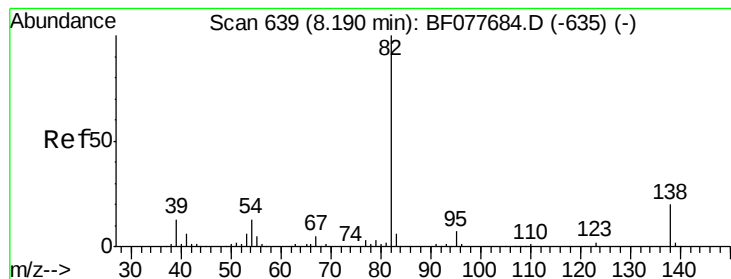
Tot Ion	82	Resp	188956
Ion Ratio	100	Lower	Upper
128	43.7	32.8	49.2
54	49.3	40.6	60.8



#24
Nitrobenzene
Concen: 37.30 ng
RT: 7.81 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF077955.D
Acq: 25 Mar 2015 17:02

Tgt Ion	77	Resp	103896
Ion Ratio	100	Lower	Upper
123	46.4	32.6	49.0
65	12.8	10.9	16.3





#25

Isophorone

Concen: 34.87 ng

RT: 8.11 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF077955.D

Acq: 25 Mar 2015 17:02

Instrument :

BNA_F

ClientSampleId :

PB82256BS

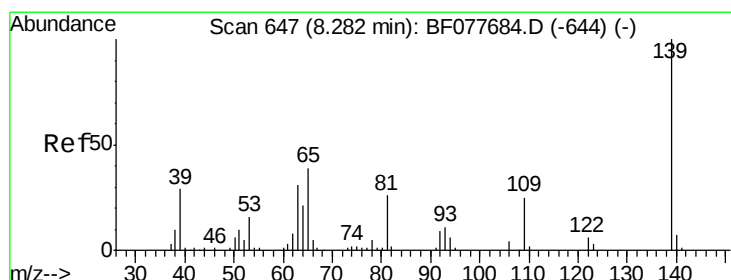
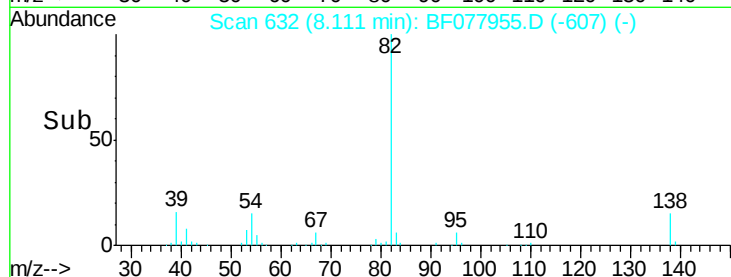
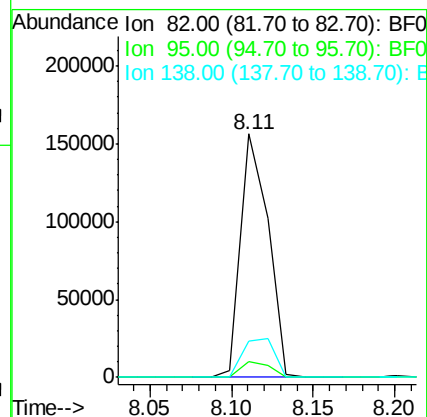
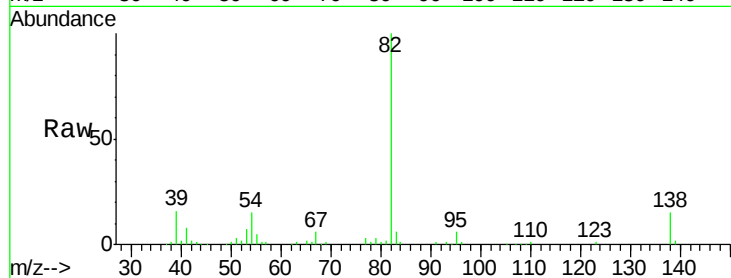
Tot Ion: 82 Resp: 182073

Ion Ratio Lower Upper

82 100

95 6.4 5.8 8.6

138 15.0 16.3 24.5#



#26

2-Nitrophenol

Concen: 37.49 ng

RT: 8.21 min Scan# 641

Delta R.T. 0.00 min

Lab File: BF077955.D

Acq: 25 Mar 2015 17:02

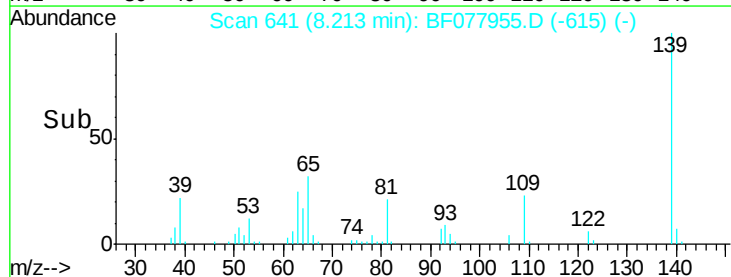
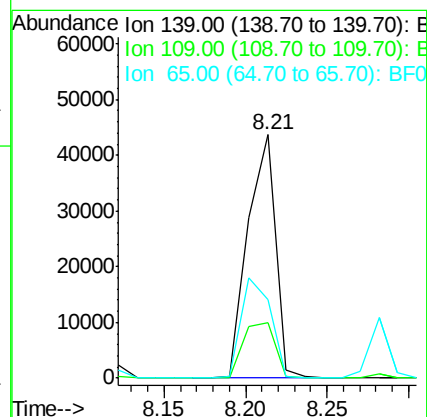
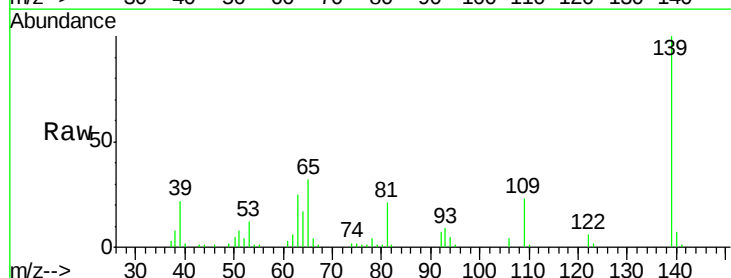
Tgt Ion: 139 Resp: 51127

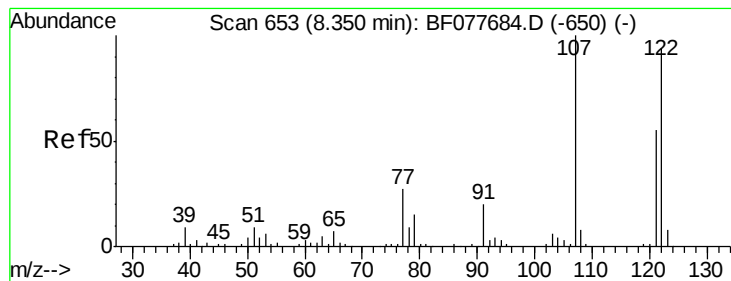
Ion Ratio Lower Upper

139 100

109 22.5 20.1 30.1

65 32.1 31.5 47.3

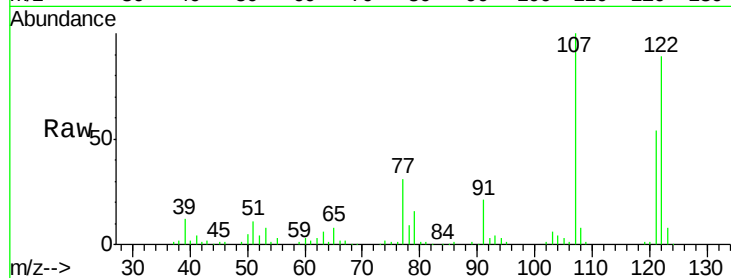




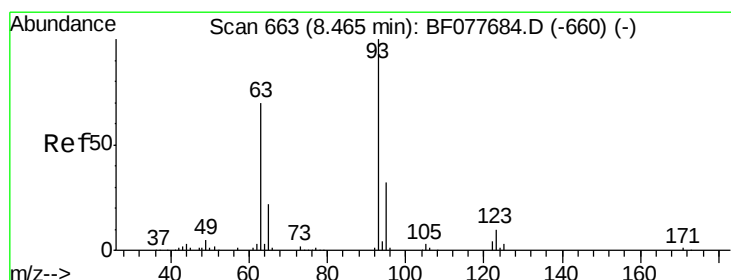
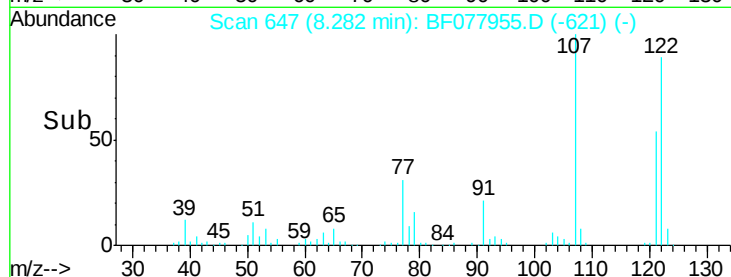
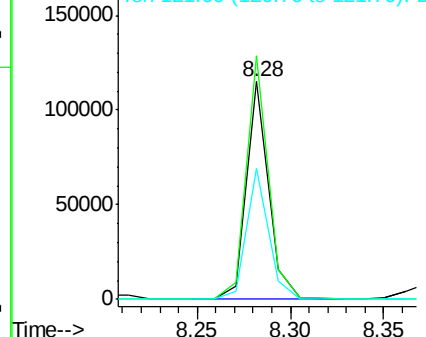
#27
 2,4-Dimethylphenol
 Concen: 38.54 ng
 RT: 8.28 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF077955.D
 Acq: 25 Mar 2015 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB82256BS

Tot Ion:122 Resp: 95756
 Ion Ratio Lower Upper
 122 100
 107 111.7 84.7 127.1
 121 60.0 46.6 69.8

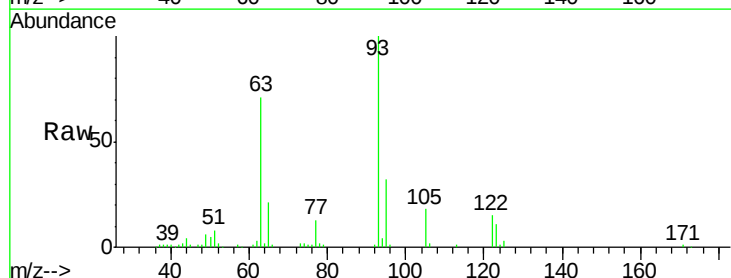


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

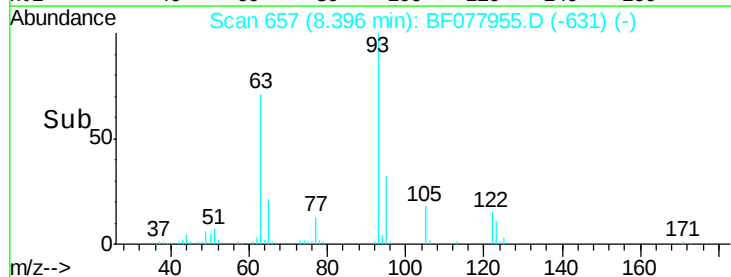
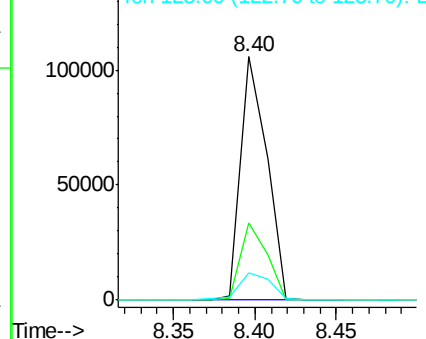


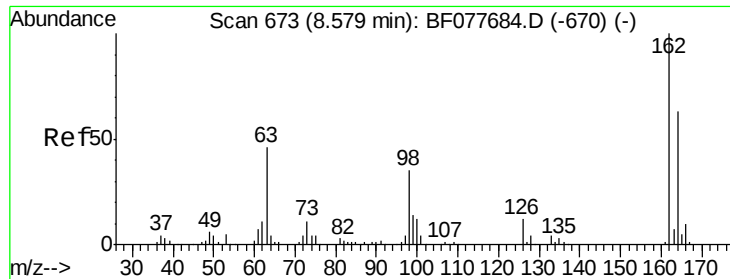
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.83 ng
 RT: 8.40 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF077955.D
 Acq: 25 Mar 2015 17:02

Tgt Ion: 93 Resp: 116723
 Ion Ratio Lower Upper
 93 100
 95 31.9 25.5 38.3
 123 11.4 8.6 13.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

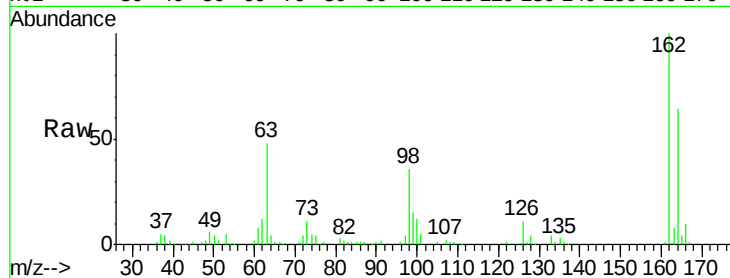




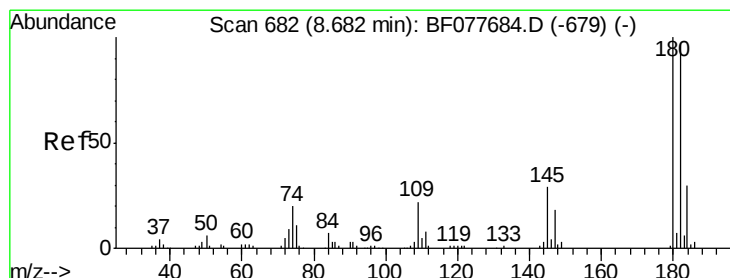
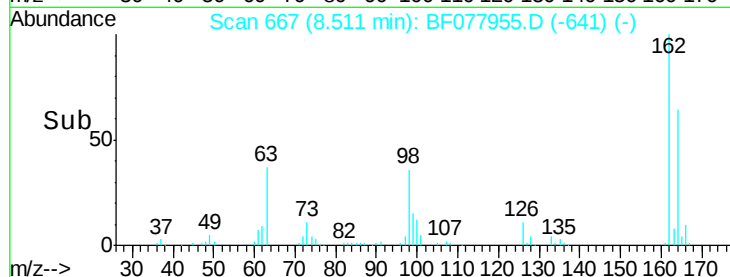
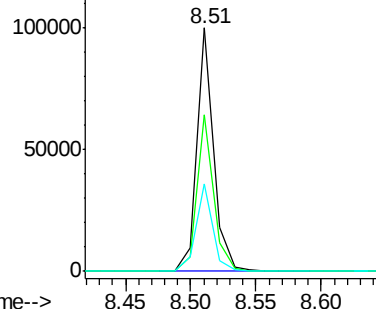
#29
2,4-Dichlorophenol
Concen: 37.71 ng
RT: 8.51 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF077955.D
Acq: 25 Mar 2015 17:02

Instrument :
BNA_F
ClientSampleId :
PB82256BS

Tot Ion:162 Resp: 89312
Ion Ratio Lower Upper
162 100
164 64.5 42.8 82.8
98 36.0 14.5 54.5

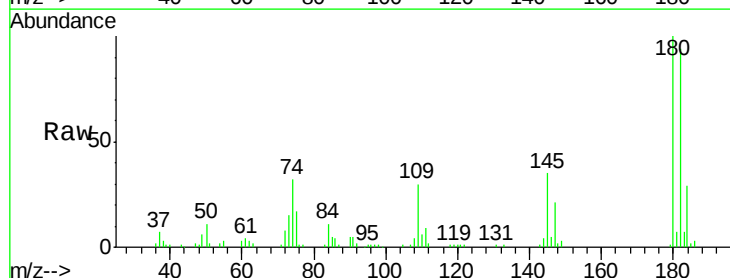


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

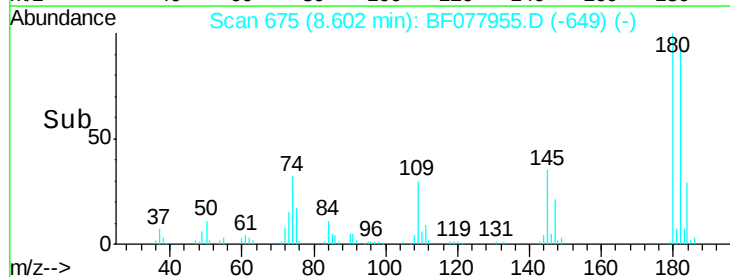
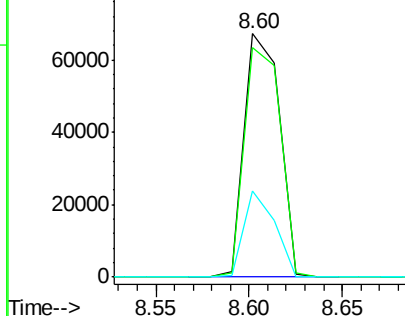


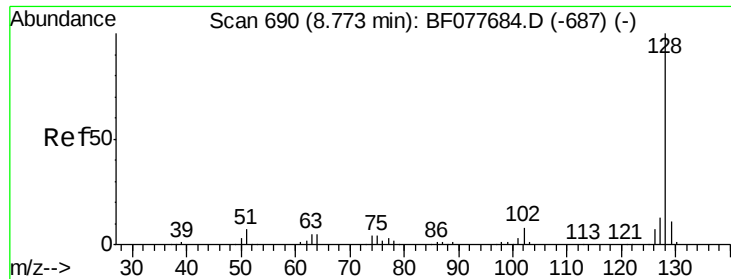
#30
1,2,4-Trichlorobenzene
Concen: 33.39 ng
RT: 8.60 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF077955.D
Acq: 25 Mar 2015 17:02

Tgt Ion:180 Resp: 88456
Ion Ratio Lower Upper
180 100
182 94.2 77.6 116.4
145 35.5 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

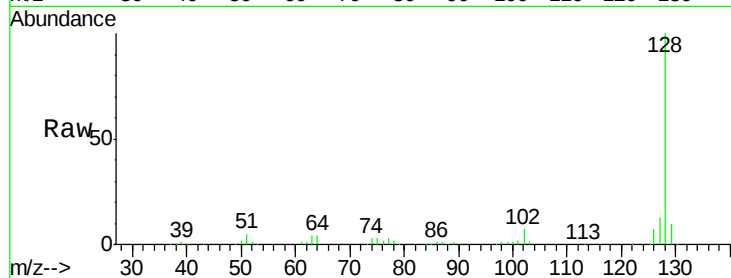




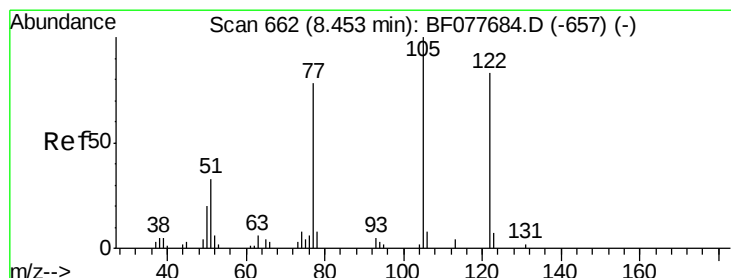
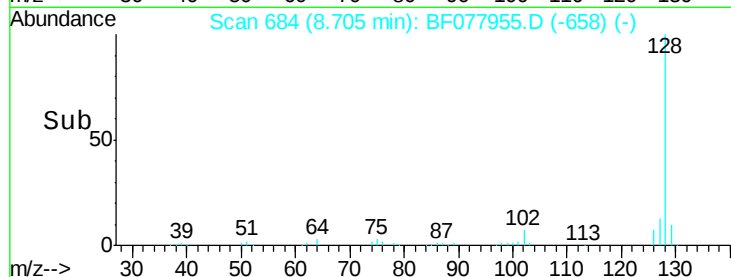
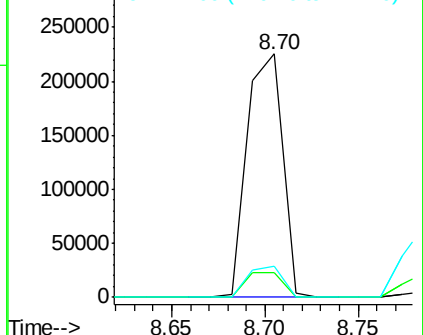
#31
Naphthalene
Concen: 34.13 ng
RT: 8.70 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF077955.D
Acq: 25 Mar 2015 17:02

Instrument :
BNA_F
ClientSampleId :
PB82256BS

Tot Ion:128 Resp: 297093
Ion Ratio Lower Upper
128 100
129 10.3 8.9 13.3
127 12.8 10.4 15.6

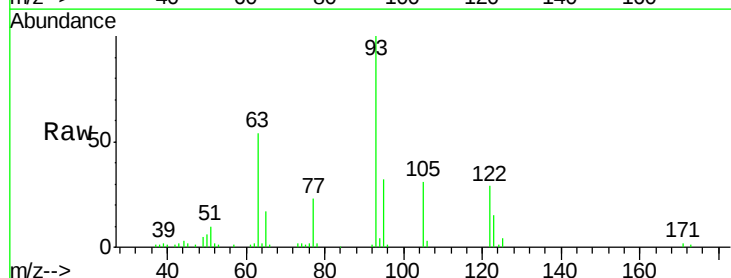


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

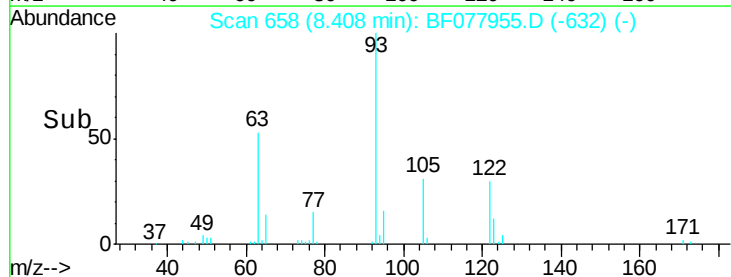
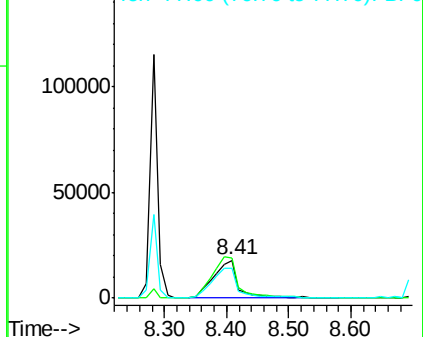


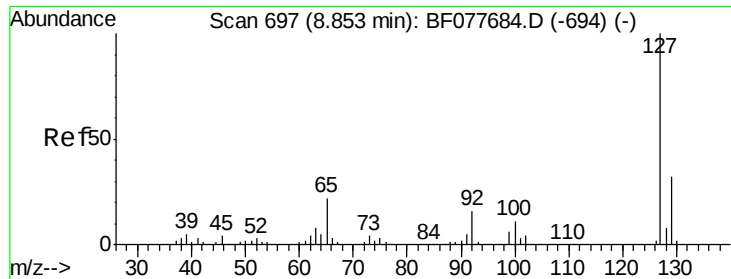
#32
Benzoic acid
Concen: 36.26 ng
RT: 8.41 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF077955.D
Acq: 25 Mar 2015 17:02

Tgt Ion:122 Resp: 49122
Ion Ratio Lower Upper
122 100
105 108.2 99.9 139.9
77 77.9 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

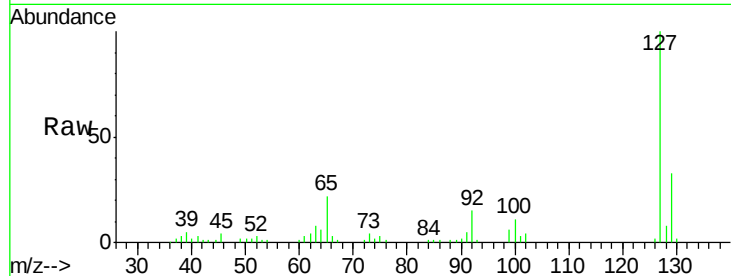




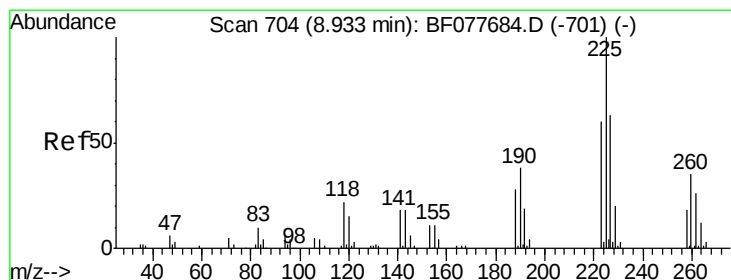
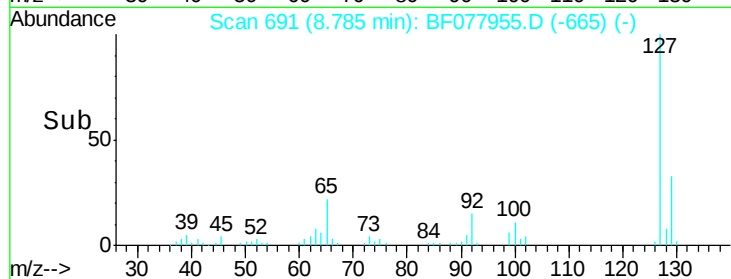
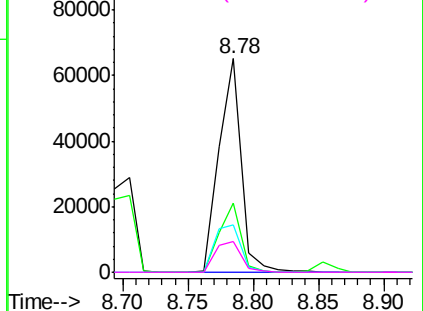
#33
4-Chloroaniline
Concen: 22.04 ng
RT: 8.78 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF077955.D
Acq: 25 Mar 2015 17:02

Instrument :
BNA_F
ClientSampleID :
PB82256BS

Tot Ion:127	Resp:	77858
Ion Ratio	Lower	Upper
127	100	
129	32.6	25.3 37.9
65	22.0	17.6 26.4
92	14.6	13.1 19.7

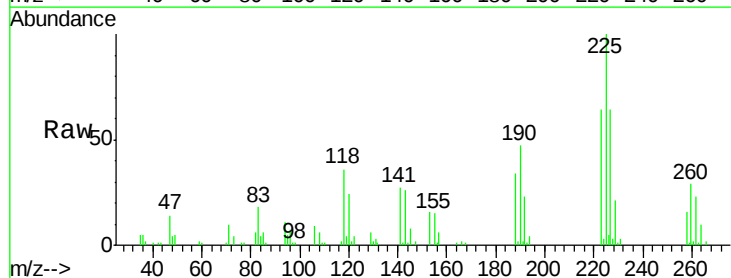


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

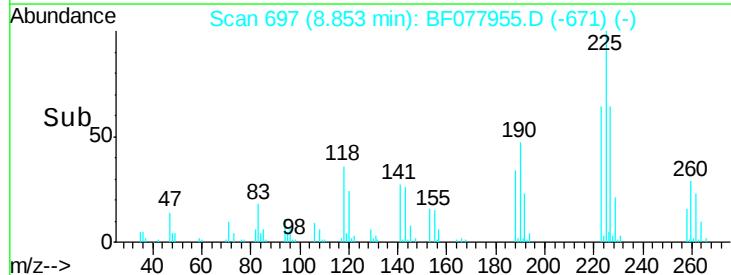
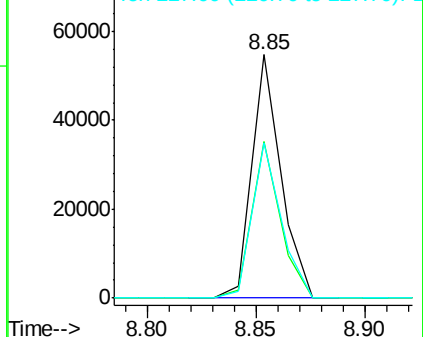


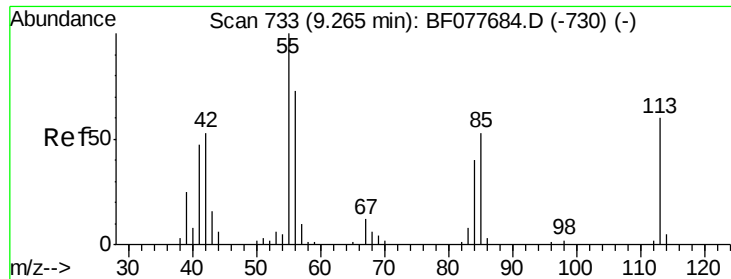
#34
Hexachlorobutadiene
Concen: 33.83 ng
RT: 8.85 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF077955.D
Acq: 25 Mar 2015 17:02

Tgt Ion:225	Resp:	50807
Ion Ratio	Lower	Upper
225	100	
223	64.0	47.9 71.9
227	63.6	50.1 75.1



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

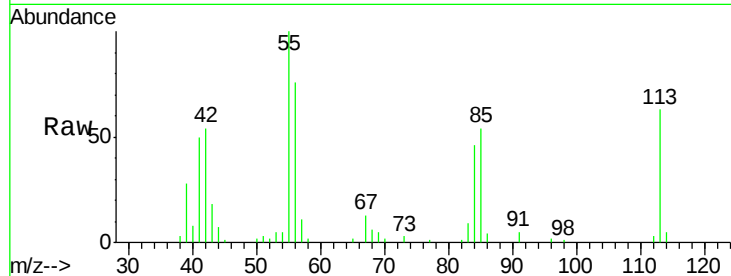




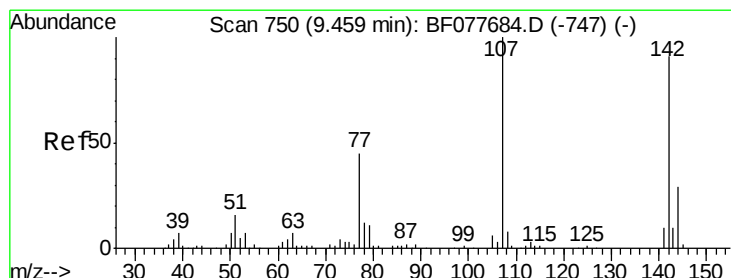
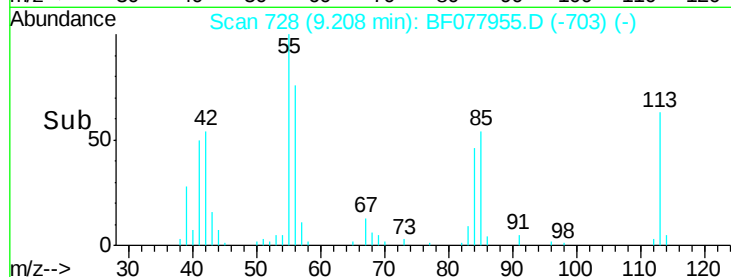
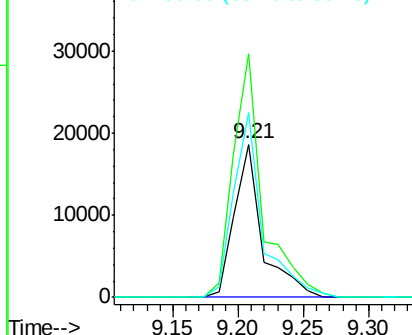
#35
Caprolactam
Concen: 39.92 ng
RT: 9.21 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF077955.D
Acq: 25 Mar 2015 17:02

Instrument :
BNA_F
ClientSampleId :
PB82256BS

Tot Ion:113 Resp: 27629
Ion Ratio Lower Upper
113 100
55 159.0 145.9 185.9
56 120.8 101.0 141.0

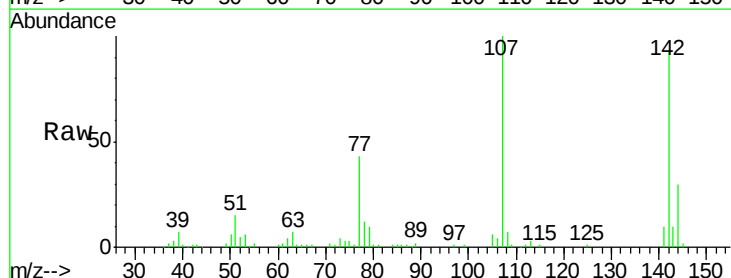


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

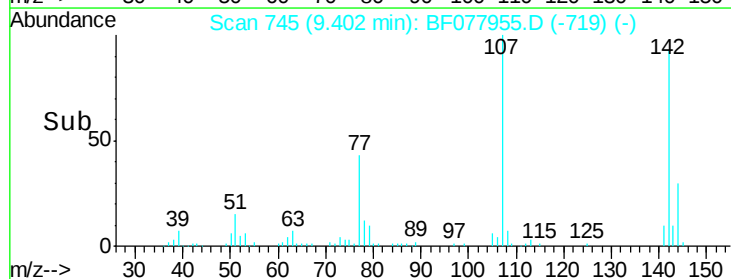
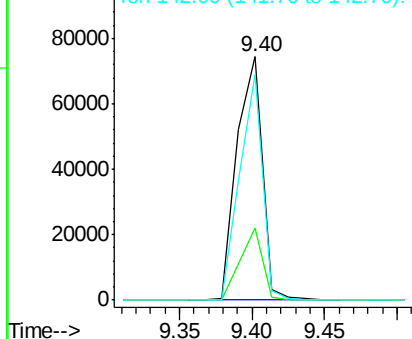


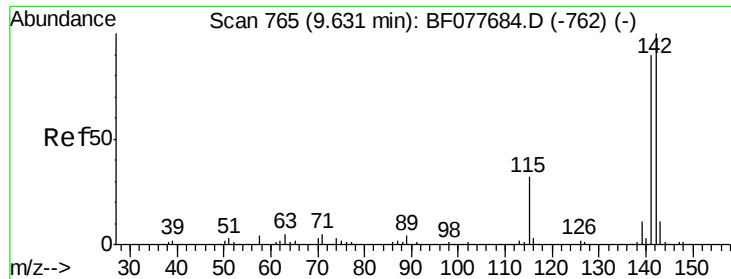
#36
4-Chloro-3-methylphenol
Concen: 37.92 ng
RT: 9.40 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF077955.D
Acq: 25 Mar 2015 17:02

Tgt Ion:107 Resp: 90350
Ion Ratio Lower Upper
107 100
144 29.6 23.3 34.9
142 93.0 72.6 109.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

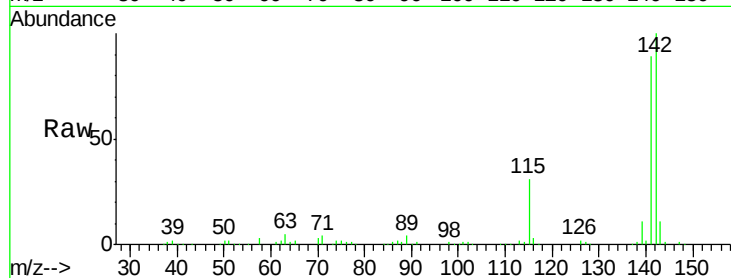




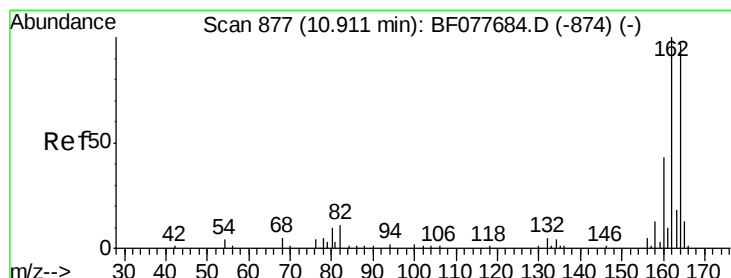
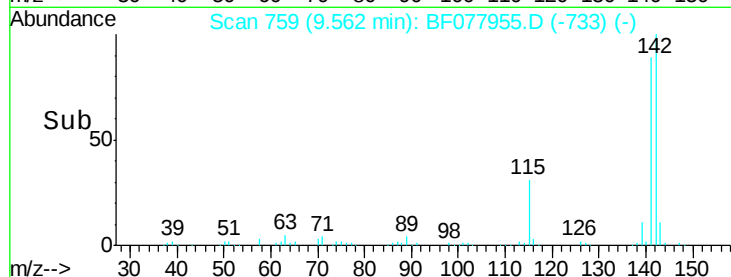
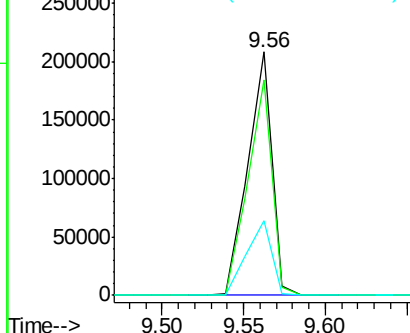
#37
 2-Methylnaphthalene
 Concen: 36.47 ng
 RT: 9.56 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BF077955.D
 Acq: 25 Mar 2015 17:02

Instrument :
 BNA_F
 ClientSampled :
 PB82256BS

Tot Ion:142 Resp: 213261
 Ion Ratio Lower Upper
 142 100
 141 88.7 71.9 107.9
 115 30.6 25.4 38.0

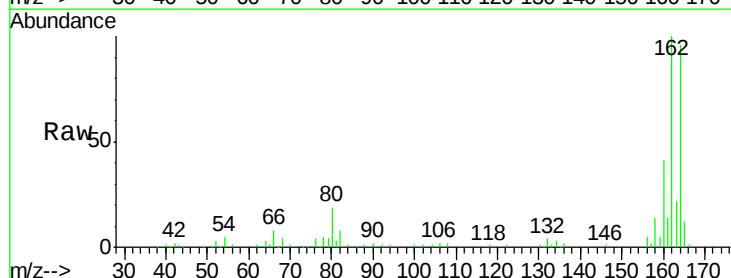


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

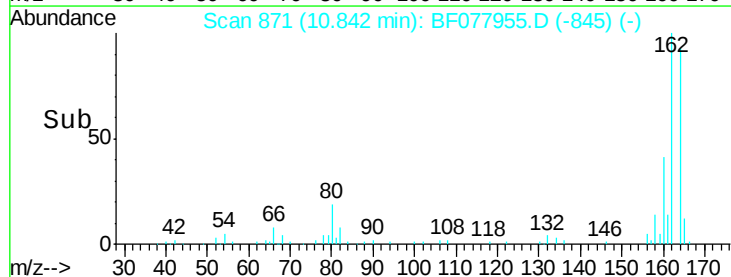
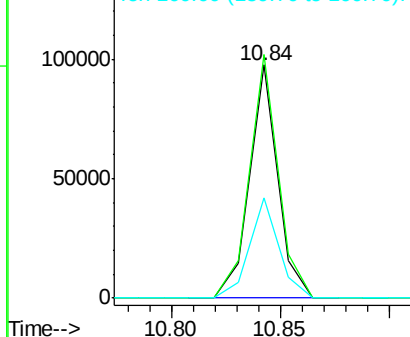


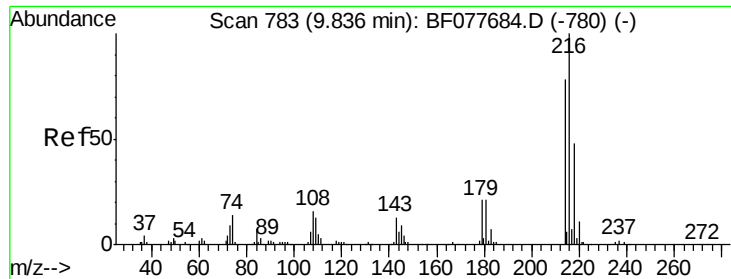
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF077955.D
 Acq: 25 Mar 2015 17:02

Tgt Ion:164 Resp: 88009
 Ion Ratio Lower Upper
 164 100
 162 104.4 82.4 123.6
 160 43.1 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: 34.36 ng

RT: 9.77 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF077955.D

Acq: 25 Mar 2015 17:02

Instrument :

BNA_F

ClientSampleId :

PB82256BS

Tot Ion:216 Resp: 90194

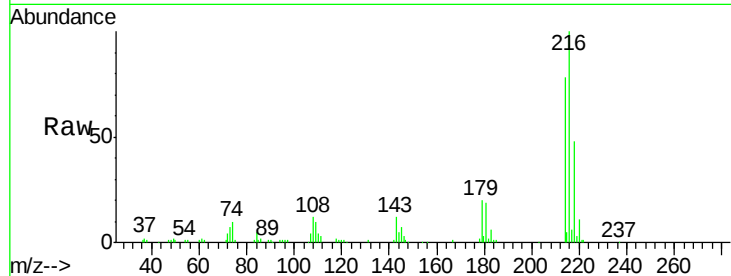
Ion Ratio Lower Upper

216 100

214 78.0 0.0 0.0#

179 21.8 0.0 0.0#

108 19.3 0.0 0.0#

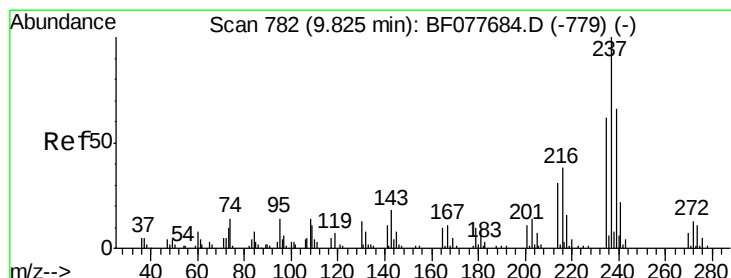
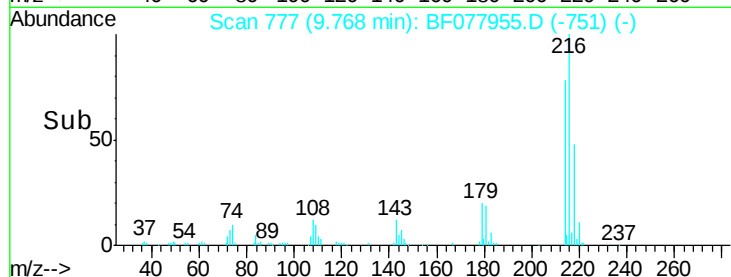
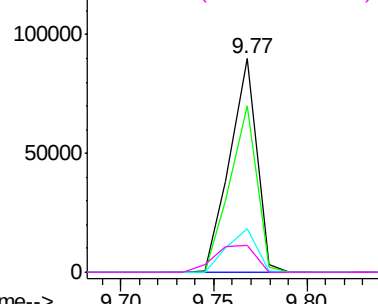


Abundance Ion 216.00 (215.70 to 216.70): E

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: 64.89 ng

RT: 9.74 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF077955.D

Acq: 25 Mar 2015 17:02

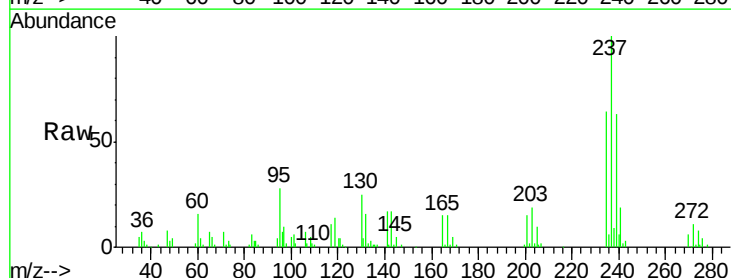
Tgt Ion:237 Resp: 84449

Ion Ratio Lower Upper

237 100

235 64.3 42.0 82.0

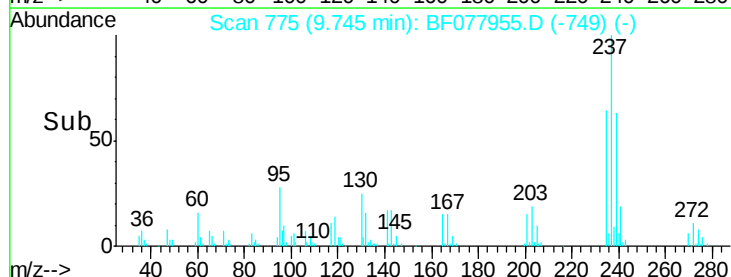
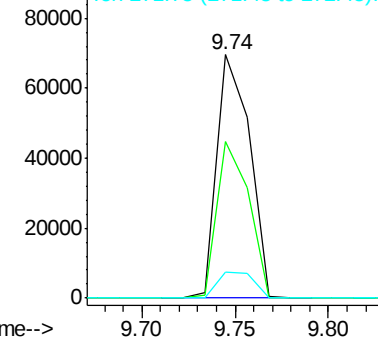
272 10.6 0.0 33.4

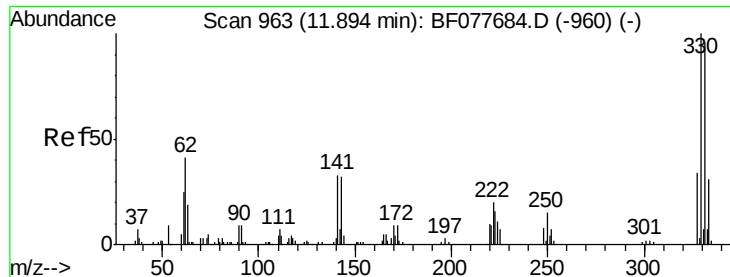


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

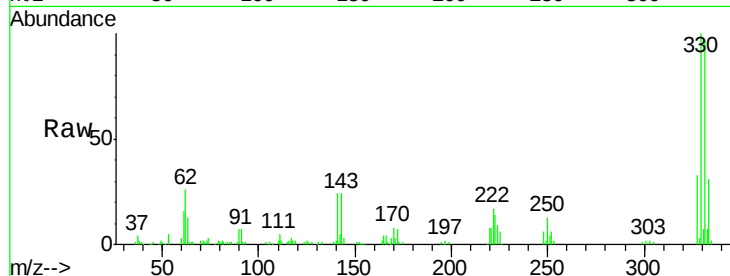




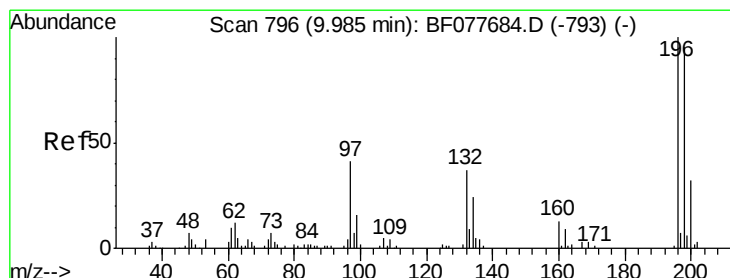
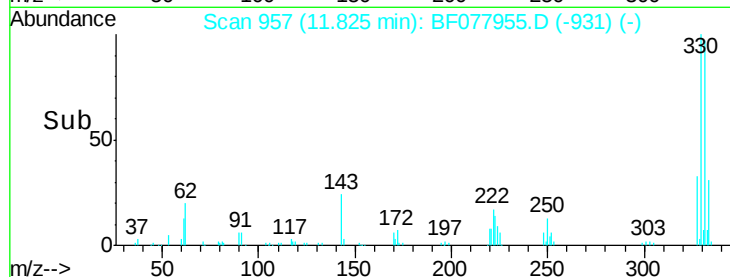
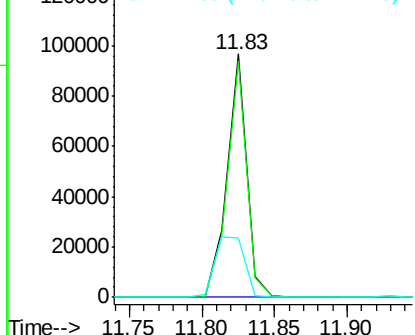
#41
 2,4,6-Tribromophenol
 Concen: 108.40 ng
 RT: 11.83 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF077955.D
 Acq: 25 Mar 2015 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB82256BS

Tot Ion:330 Resp: 91276
 Ion Ratio Lower Upper
 330 100
 332 95.6 0.0 0.0#
 141 37.2 0.0 0.0#

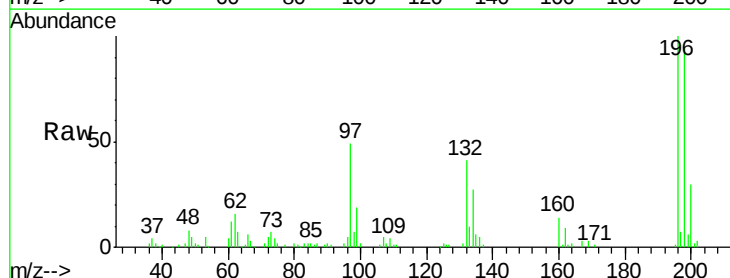


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

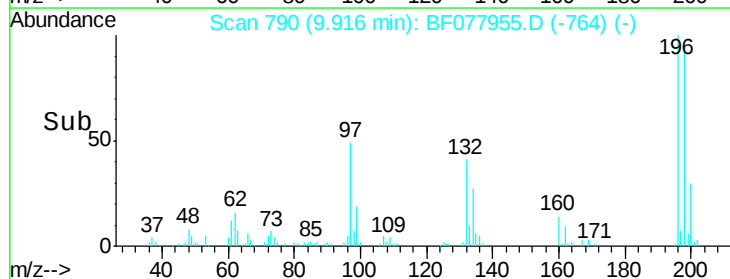
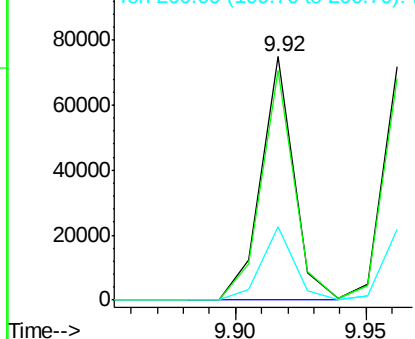


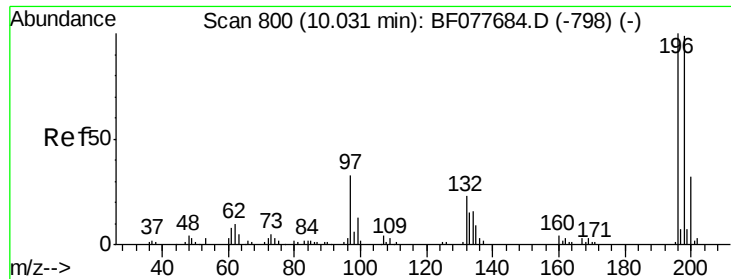
#42
 2,4,6-Trichlorophenol
 Concen: 36.35 ng
 RT: 9.92 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF077955.D
 Acq: 25 Mar 2015 17:02

Tgt Ion:196 Resp: 66088
 Ion Ratio Lower Upper
 196 100
 198 94.1 76.3 114.5
 200 30.2 25.6 38.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

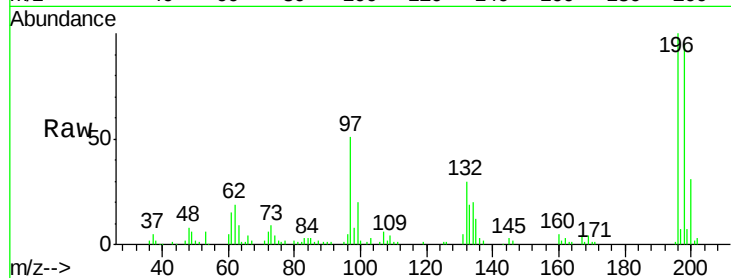




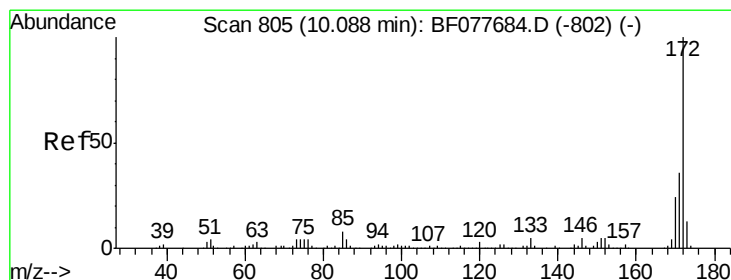
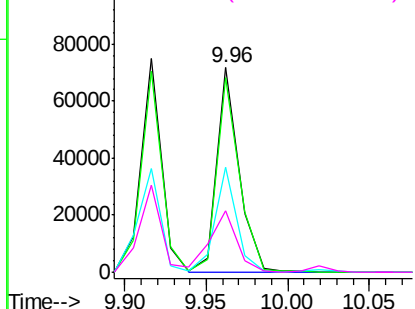
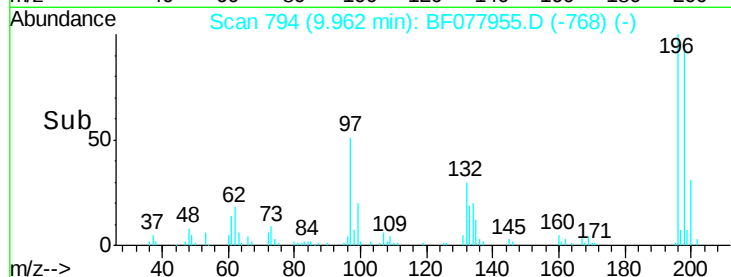
#43
 2,4,5-Trichlorophenol
 Concen: 34.68 ng
 RT: 9.96 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF077955.D
 Acq: 25 Mar 2015 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB82256BS

Tot Ion	196	Resp	68131
Ion Ratio	Lower	Upper	
196	100		
198	94.9	79.4	119.0
97	51.3	26.8	40.2#
132	30.3	18.6	28.0#

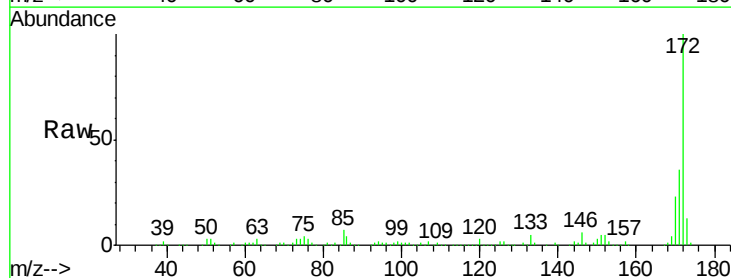


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

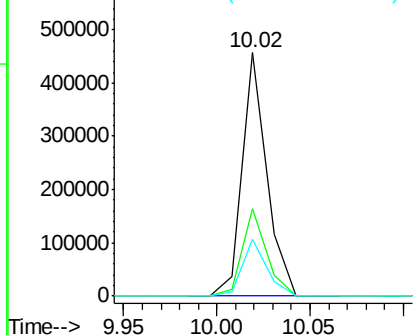
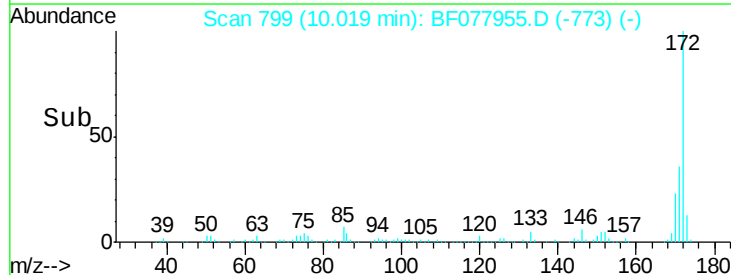


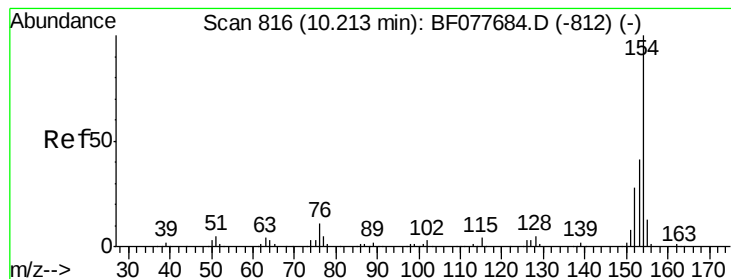
#44
 2-Fluorobiphenyl
 Concen: 69.83 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077955.D
 Acq: 25 Mar 2015 17:02

Tgt Ion	172	Resp	418170
Ion Ratio	Lower	Upper	
172	100		
171	35.8	28.5	42.7
170	23.5	18.8	28.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 35.14 ng

RT: 10.14 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF077955.D

Acq: 25 Mar 2015 17:02

Instrument :

BNA_F

ClientSampleId :

PB82256BS

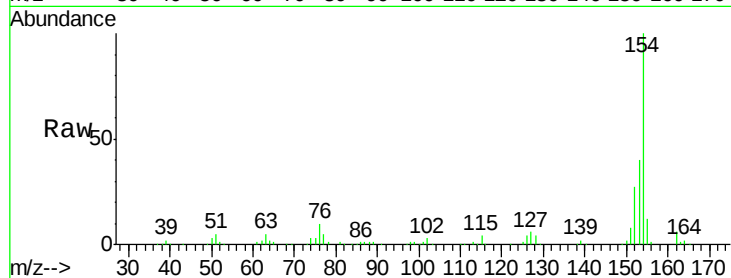
Tot Ion:154 Resp: 247201

Ion Ratio Lower Upper

154 100

153 39.6 20.7 60.7

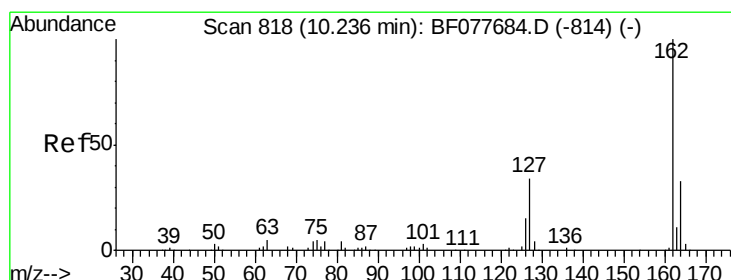
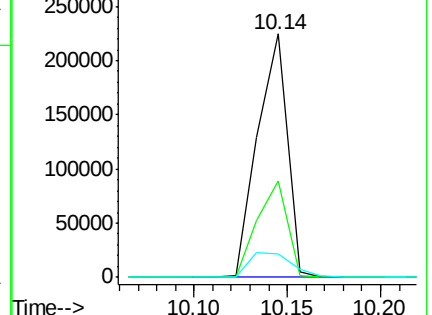
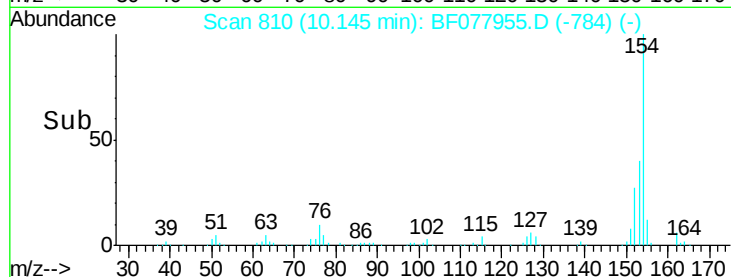
76 9.8 0.0 30.9



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: 34.48 ng

RT: 10.16 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF077955.D

Acq: 25 Mar 2015 17:02

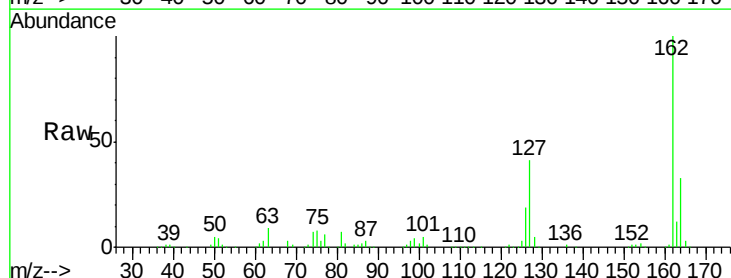
Tgt Ion:162 Resp: 197130

Ion Ratio Lower Upper

162 100

127 41.1 26.9 40.3#

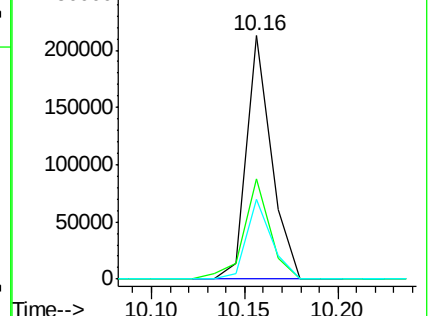
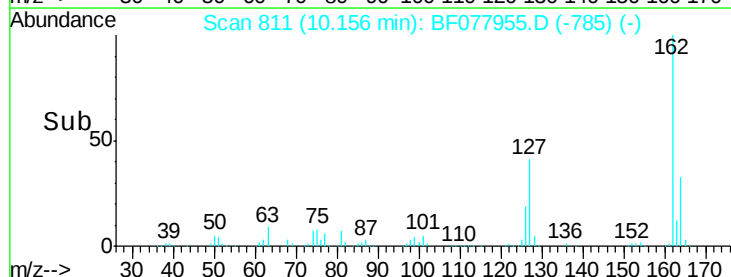
164 33.0 26.8 40.2

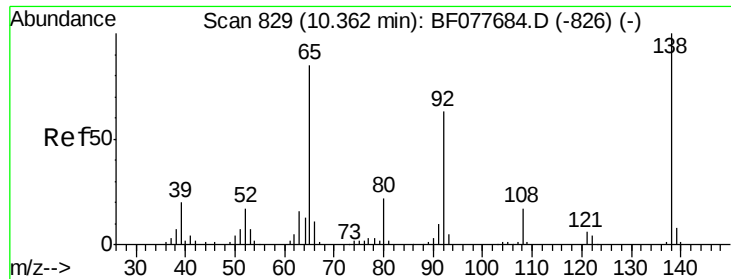


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

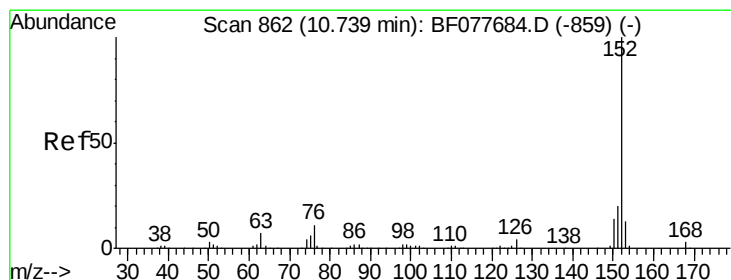
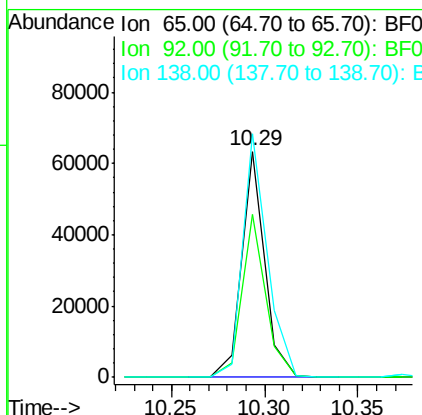
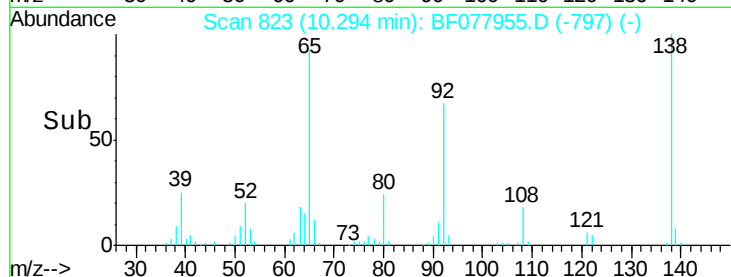
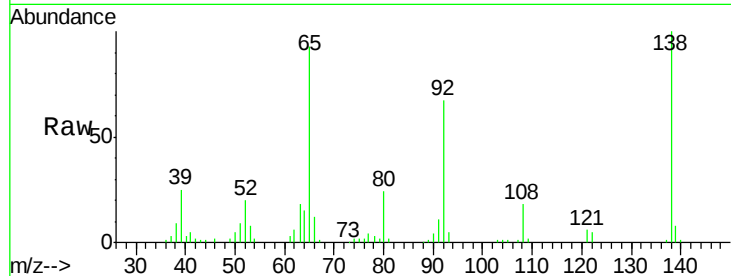




#47
 2-Nitroaniline
 Concen: 38.24 ng
 RT: 10.29 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF077955.D
 Acq: 25 Mar 2015 17:02

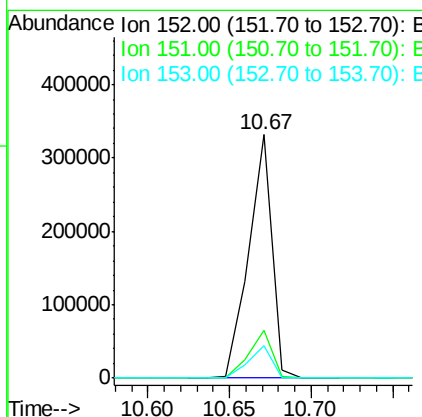
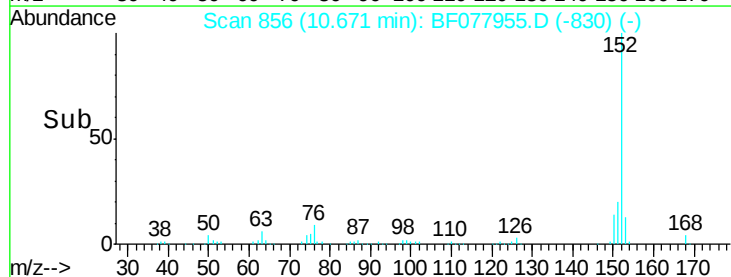
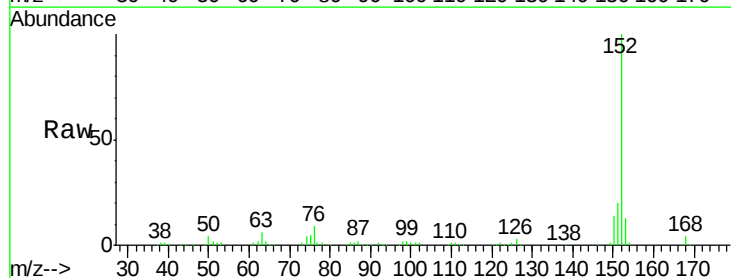
Instrument :
 BNA_F
 ClientSampleId :
 PB82256BS

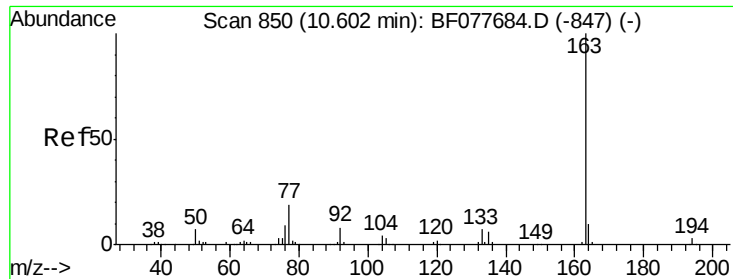
Tot Ion: 65 Resp: 54304
 Ion Ratio Lower Upper
 65 100
 92 72.1 59.1 88.7
 138 107.7 93.9 140.9



#48
 Acenaphthylene
 Concen: 34.33 ng
 RT: 10.67 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BF077955.D
 Acq: 25 Mar 2015 17:02

Tgt Ion: 152 Resp: 326357
 Ion Ratio Lower Upper
 152 100
 151 19.7 15.9 23.9
 153 13.2 10.6 16.0

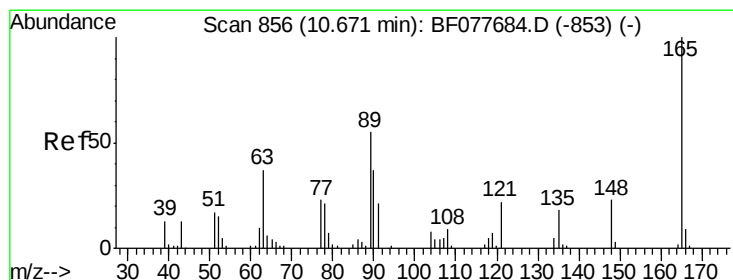
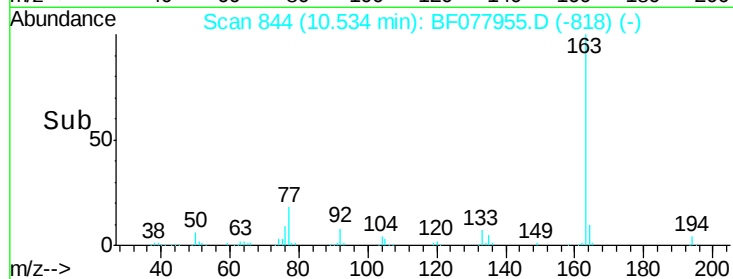
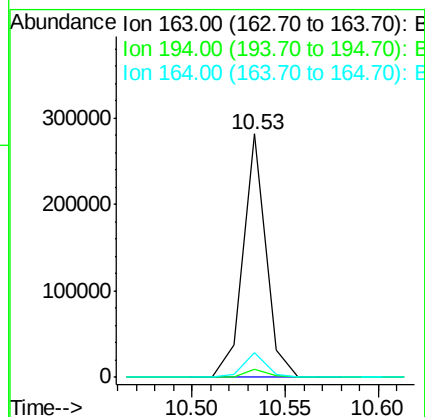
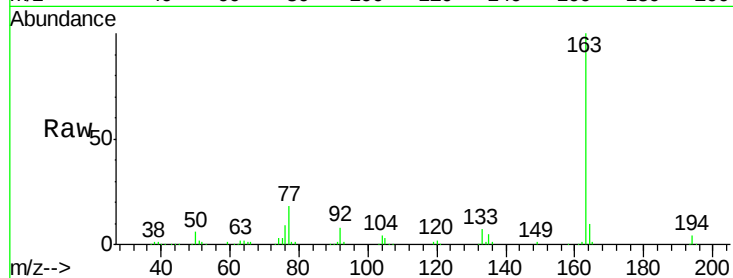




#49
Dimethylphthalate
Concen: 36.84 ng
RT: 10.53 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF077955.D
Acq: 25 Mar 2015 17:02

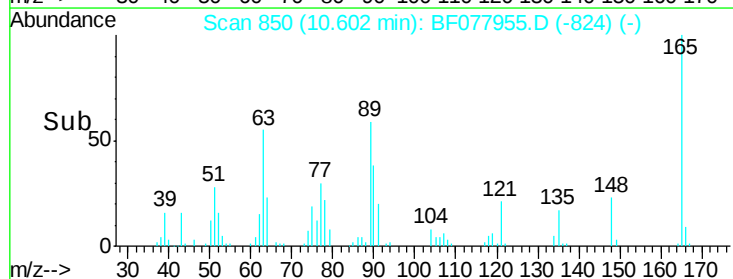
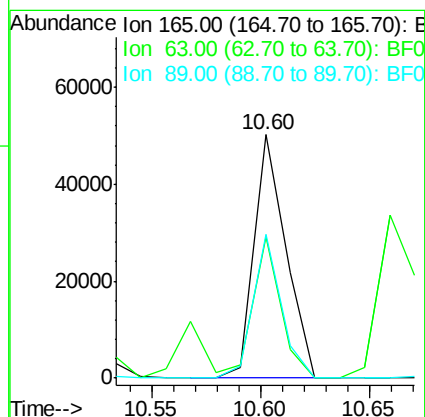
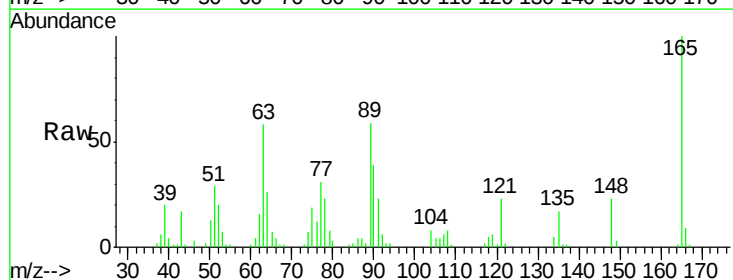
Instrument :
BNA_F
ClientSampleId :
PB82256BS

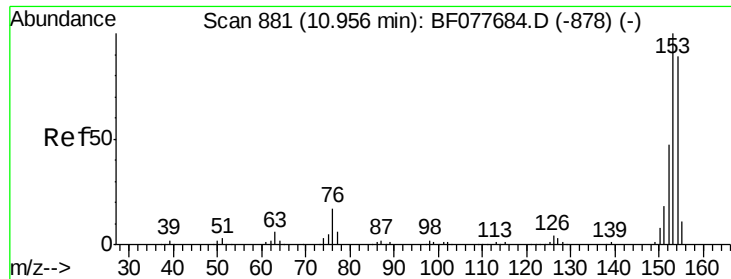
Tot Ion:163 Resp: 240477
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.2 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 37.62 ng
RT: 10.60 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF077955.D
Acq: 25 Mar 2015 17:02

Tgt Ion:165 Resp: 50907
Ion Ratio Lower Upper
165 100
63 58.1 44.1 66.1
89 59.1 44.3 66.5





#51

Acenaphthene

Concen: 33.43 ng

RT: 10.88 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF077955.D

Acq: 25 Mar 2015 17:02

Instrument :

BNA_F

ClientSampleId :

PB82256BS

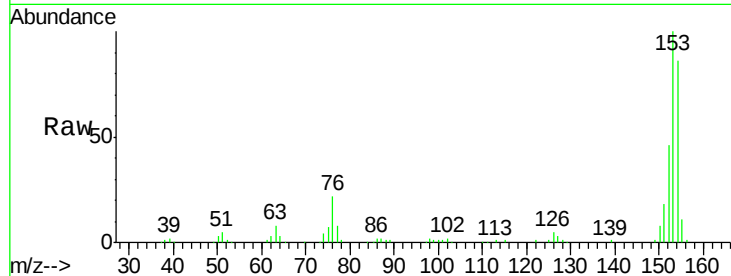
Tot Ion:154 Resp: 182234

Ion Ratio Lower Upper

154 100

153 116.2 90.0 135.0

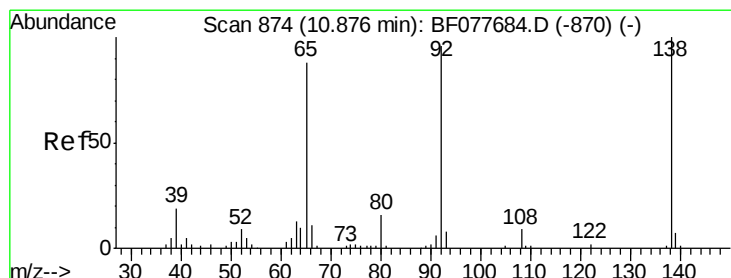
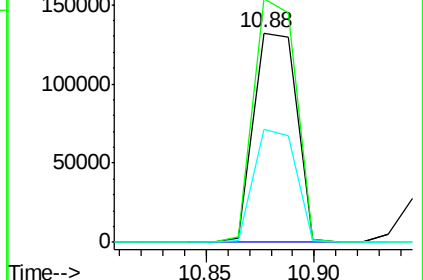
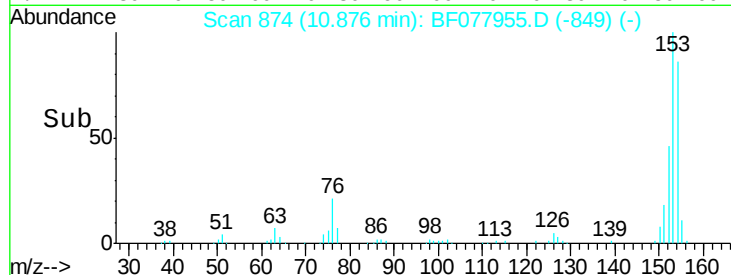
152 53.9 42.6 63.8



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: 30.34 ng

RT: 10.81 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF077955.D

Acq: 25 Mar 2015 17:02

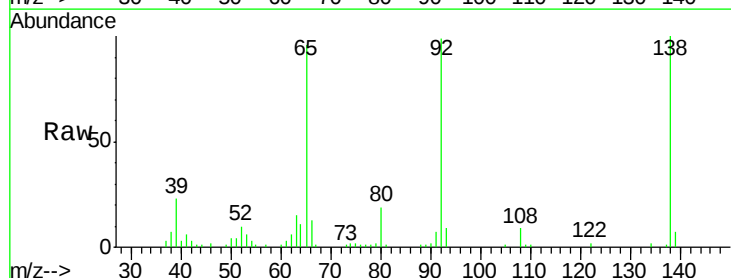
Tgt Ion:138 Resp: 47673

Ion Ratio Lower Upper

138 100

108 8.7 7.3 10.9

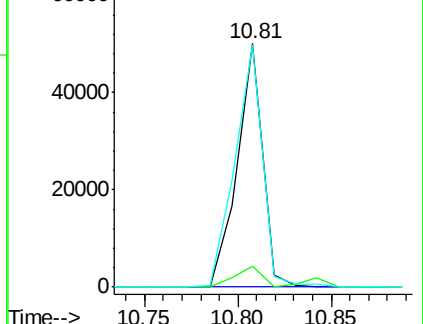
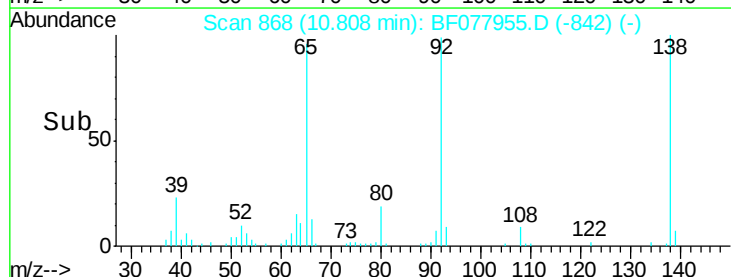
92 99.4 76.6 114.8

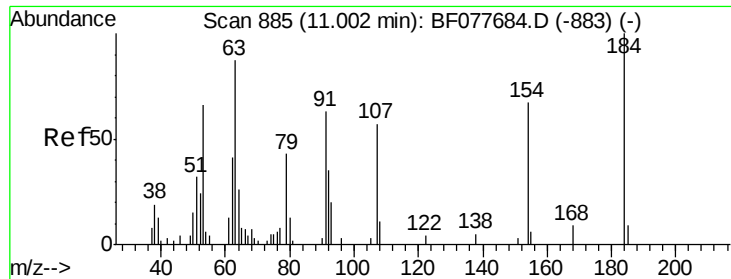


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

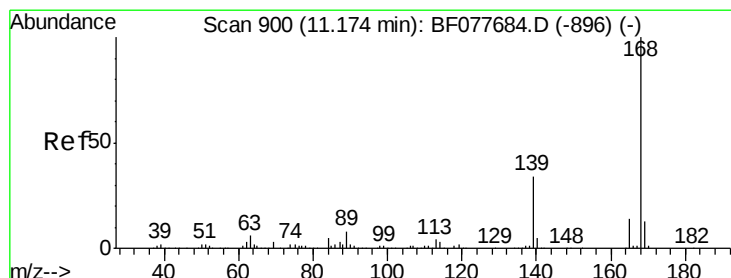
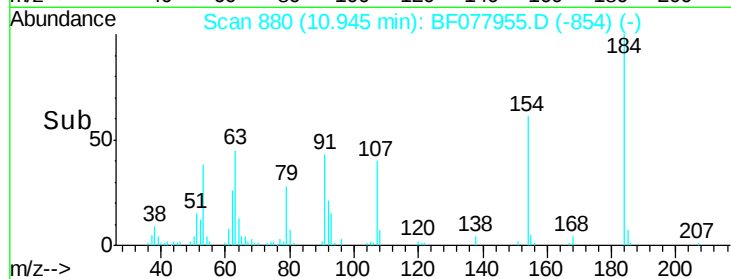
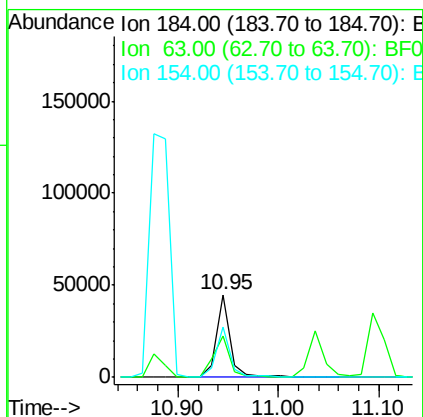
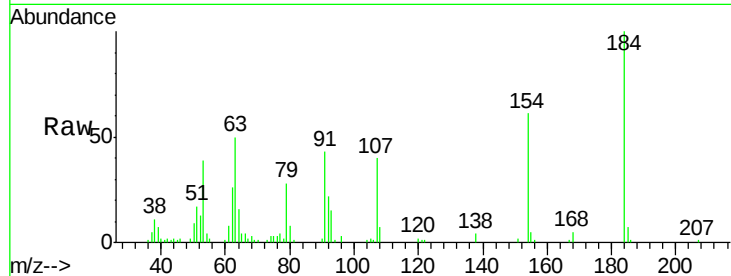




#53
 2,4-Dinitrophenol
 Concen: 86.78 ng
 RT: 10.95 min Scan# 880
 Delta R.T. 0.00 min
 Lab File: BF077955.D
 Acq: 25 Mar 2015 17:02

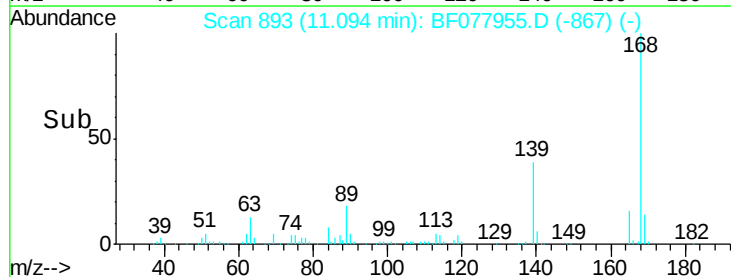
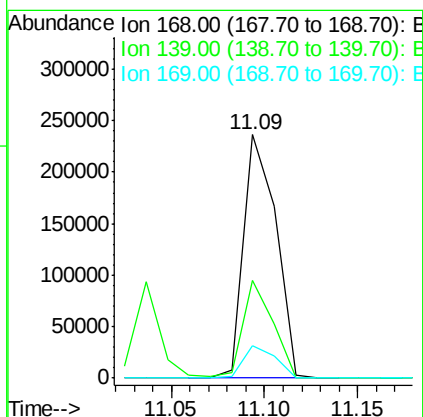
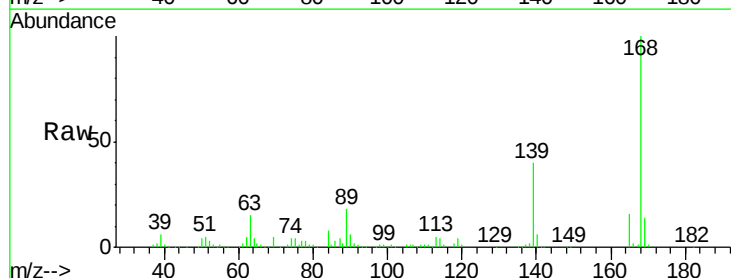
Instrument :
 BNA_F
 ClientSampleId :
 PB82256BS

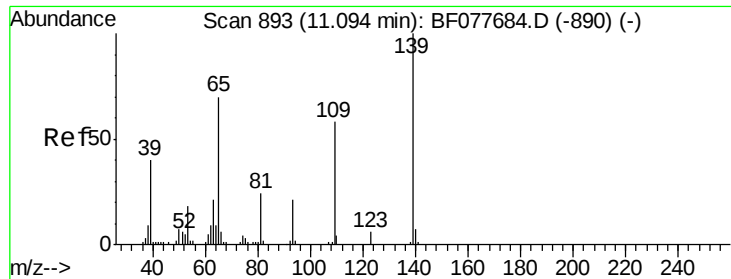
Tot Ion:184 Resp: 43515
 Ion Ratio Lower Upper
 184 100
 63 50.0 69.2 103.8#
 154 61.4 53.3 79.9



#54
 Dibenzofuran
 Concen: 35.06 ng
 RT: 11.09 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BF077955.D
 Acq: 25 Mar 2015 17:02

Tgt Ion:168 Resp: 283463
 Ion Ratio Lower Upper
 168 100
 139 40.0 27.3 40.9
 169 13.5 10.6 16.0

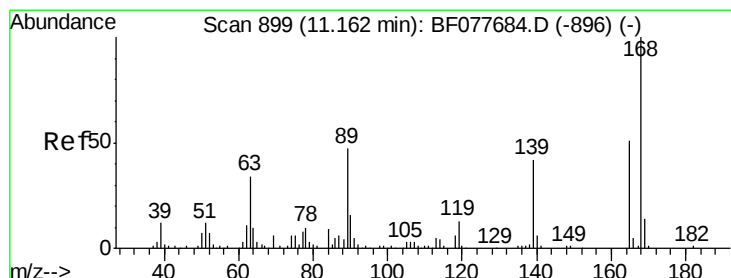
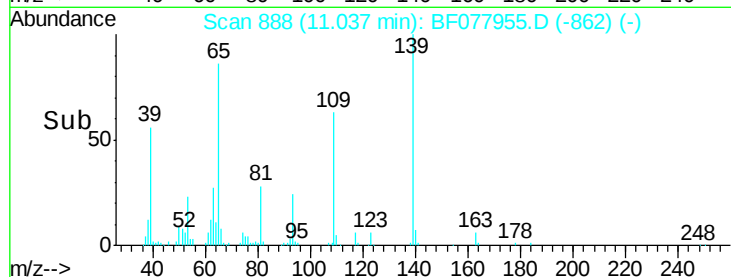
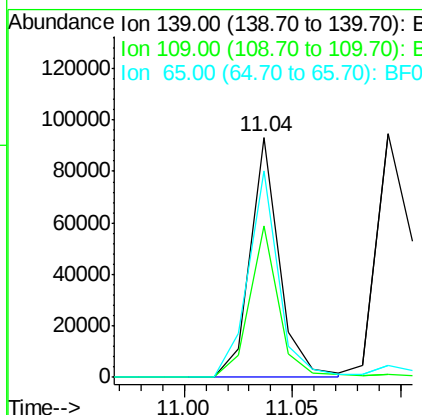
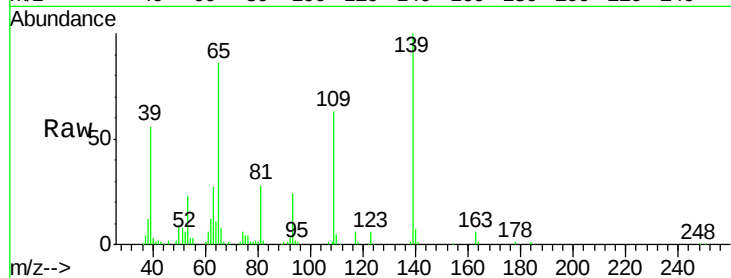




#55
4-Nitrophenol
Concen: 74.78 ng
RT: 11.04 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF077955.D
Acq: 25 Mar 2015 17:02

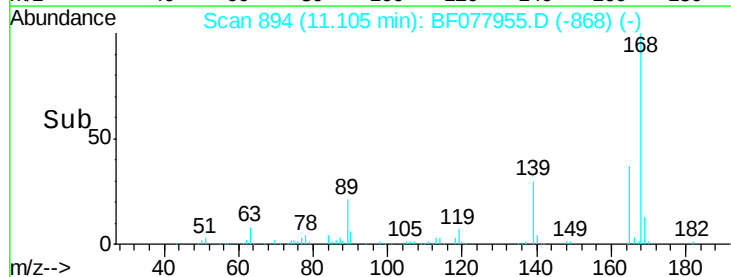
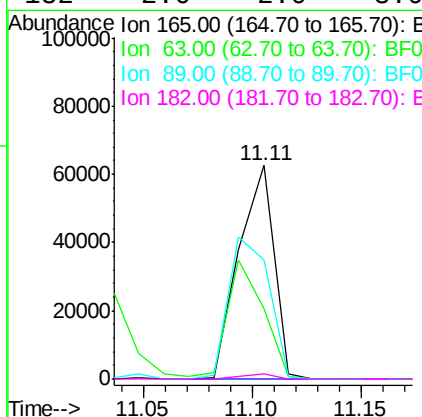
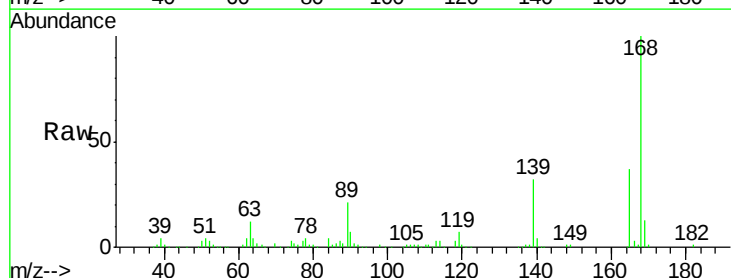
Instrument :
BNA_F
ClientSampled :
PB82256BS

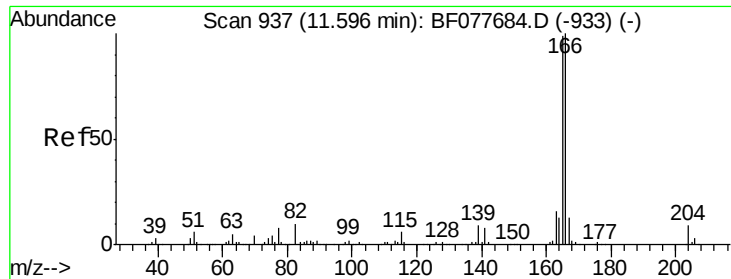
Tot Ion:139 Resp: 87043
Ion Ratio Lower Upper
139 100
109 63.1 37.7 77.7
65 85.9 49.9 89.9



#56
2,4-Dinitrotoluene
Concen: 39.93 ng
RT: 11.11 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF077955.D
Acq: 25 Mar 2015 17:02

Tgt Ion:165 Resp: 70453
Ion Ratio Lower Upper
165 100
63 33.0 52.4 78.6#
89 56.0 72.4 108.6#
182 2.6 2.0 3.0

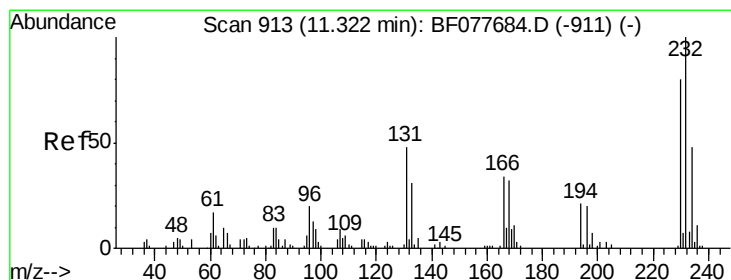
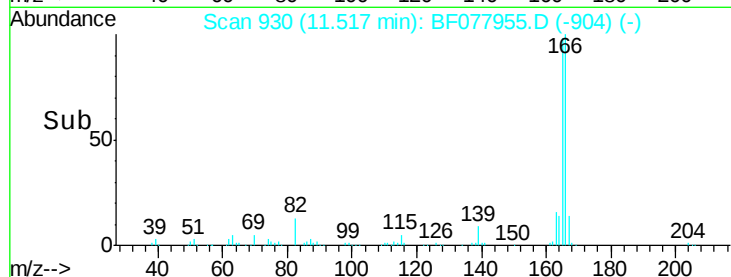
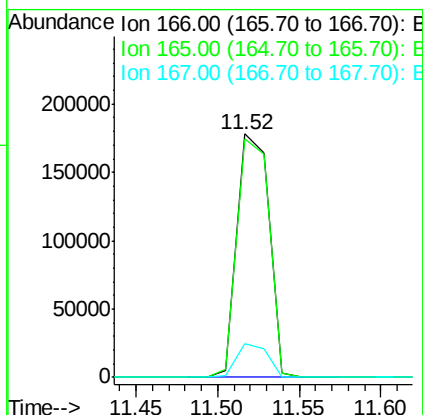
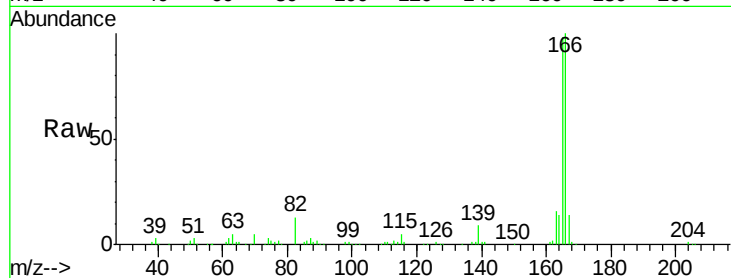




#57
 Fluorene
 Concen: 35.83 ng
 RT: 11.52 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF077955.D
 Acq: 25 Mar 2015 17:02

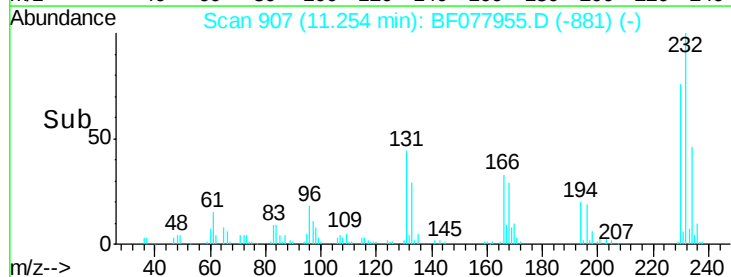
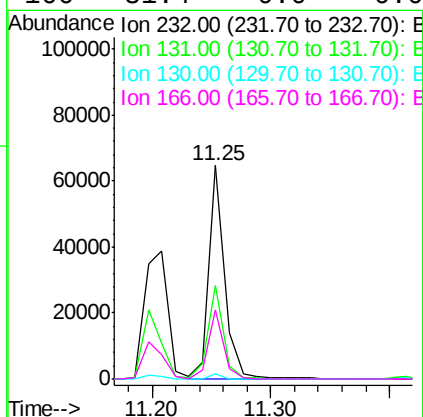
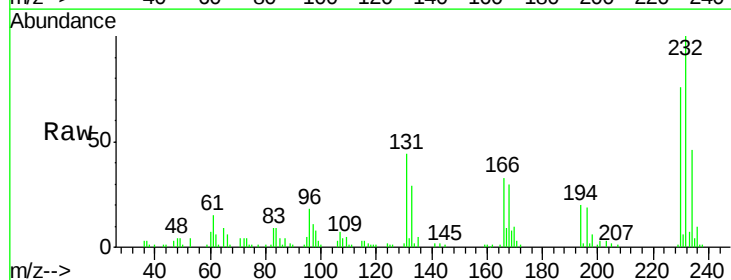
Instrument :
 BNA_F
 ClientSampleId :
 PB82256BS

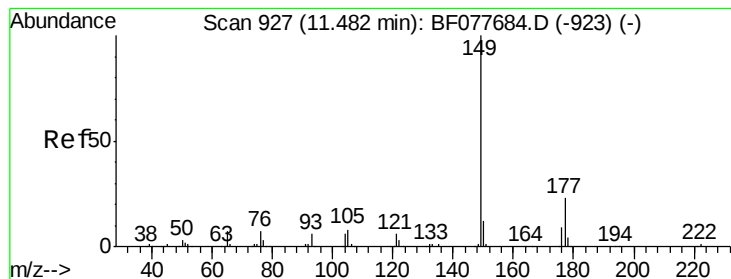
Tot Ion:166 Resp: 240559
 Ion Ratio Lower Upper
 166 100
 165 97.7 79.0 118.4
 167 13.9 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.51 ng
 RT: 11.25 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BF077955.D
 Acq: 25 Mar 2015 17:02

Tgt Ion:232 Resp: 59757
 Ion Ratio Lower Upper
 232 100
 131 43.5 0.0 0.0#
 130 1.7 0.0 0.0#
 166 31.4 0.0 0.0#





#59

Diethylphthalate

Concen: 37.15 ng

RT: 11.41 min Scan# 921

Delta R.T. 0.00 min

Lab File: BF077955.D

Acq: 25 Mar 2015 17:02

Instrument :

BNA_F

ClientSampleID :

PB82256BS

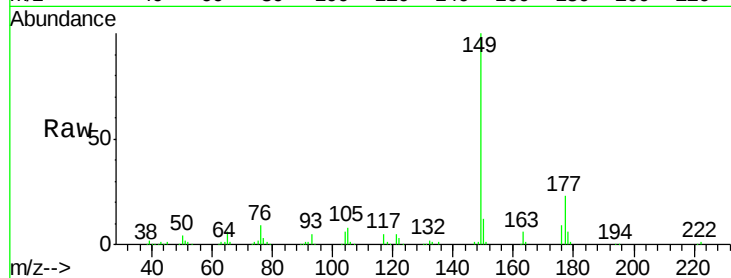
Tot Ion:149 Resp: 236256

Ion Ratio Lower Upper

149 100

177 23.3 18.3 27.5

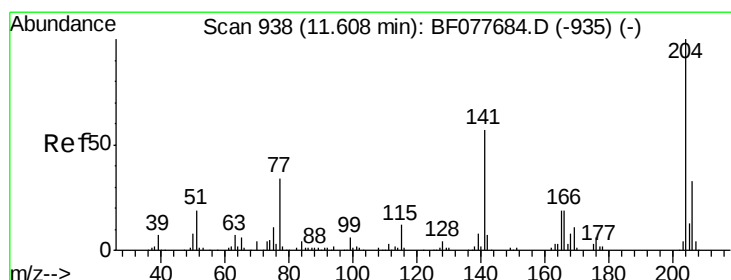
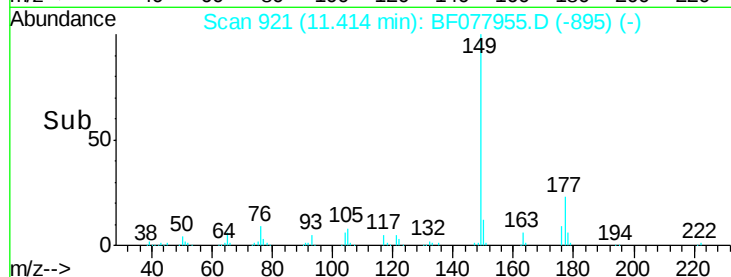
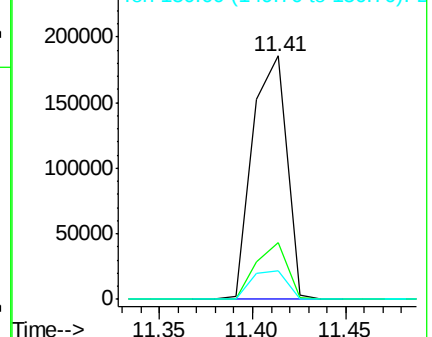
150 11.8 9.8 14.8



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: 34.37 ng

RT: 11.53 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF077955.D

Acq: 25 Mar 2015 17:02

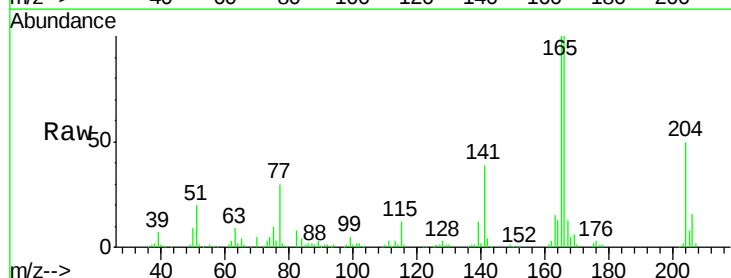
Tgt Ion:204 Resp: 105302

Ion Ratio Lower Upper

204 100

206 32.6 26.6 39.8

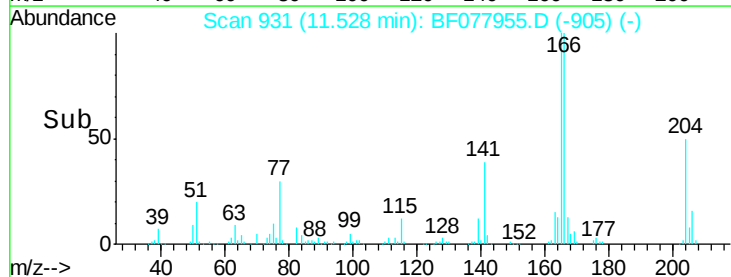
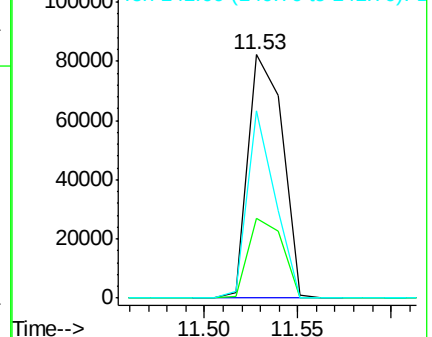
141 77.0 45.2 67.8#

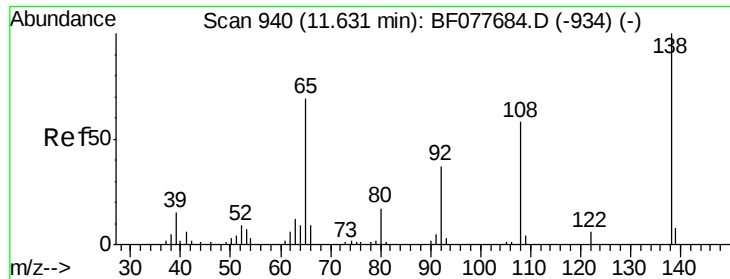


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

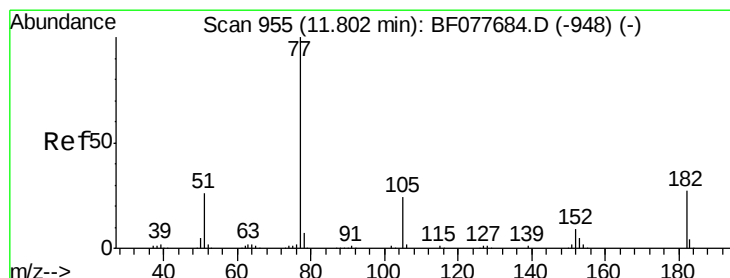
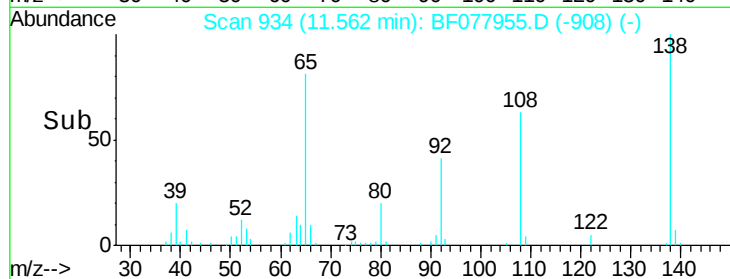
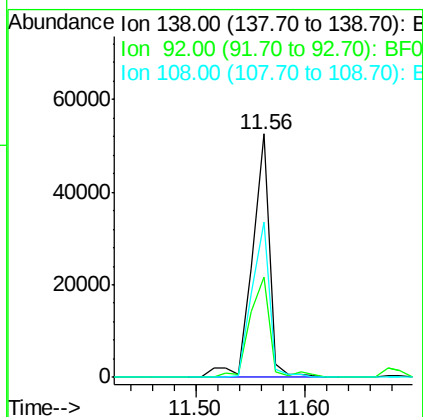
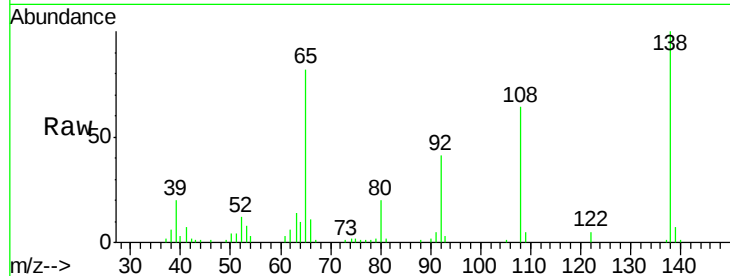




#61
4-Nitroaniline
Concen: 37.38 ng
RT: 11.56 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF077955.D
Acq: 25 Mar 2015 17:02

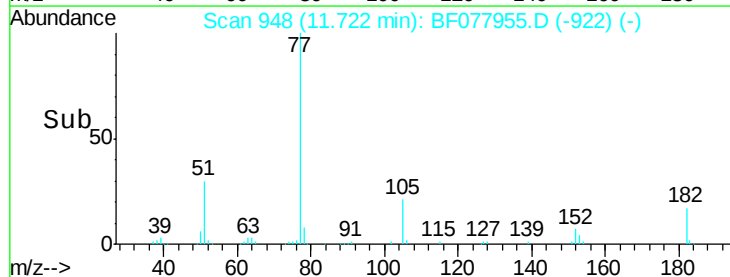
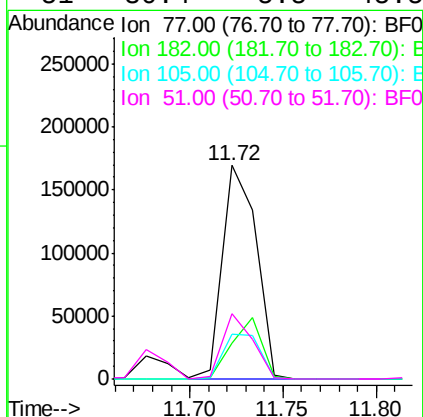
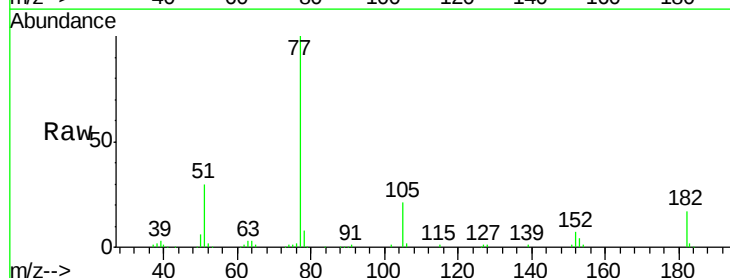
Instrument :
BNA_F
ClientSampleId :
PB82256BS

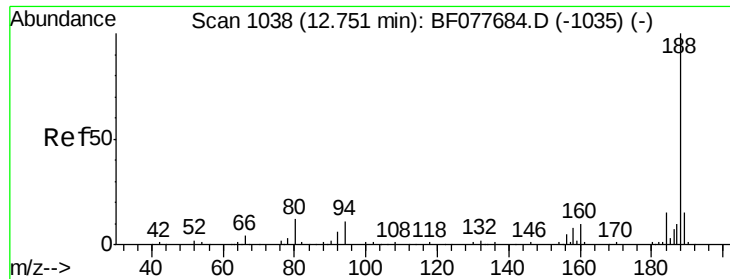
Tot Ion:138 Resp: 58548
Ion Ratio Lower Upper
138 100
92 41.1 16.7 56.7
108 63.6 37.6 77.6



#62
Azobenzene
Concen: 35.40 ng
RT: 11.72 min Scan# 948
Delta R.T. 0.00 min
Lab File: BF077955.D
Acq: 25 Mar 2015 17:02

Tgt Ion: 77 Resp: 215192
Ion Ratio Lower Upper
77 100
182 16.8 6.5 46.5
105 20.9 3.8 43.8
51 30.4 5.5 45.5

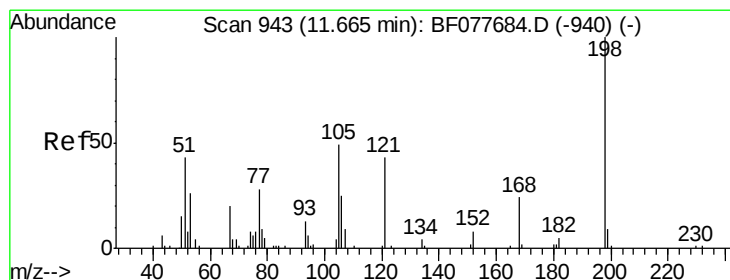
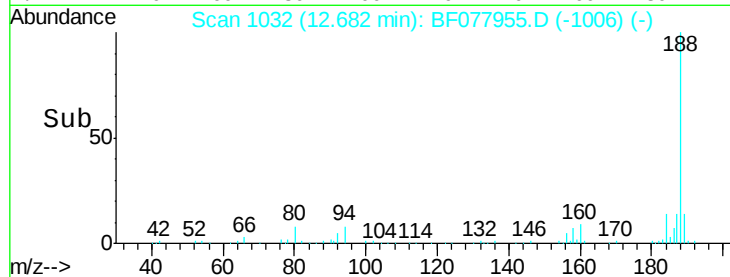
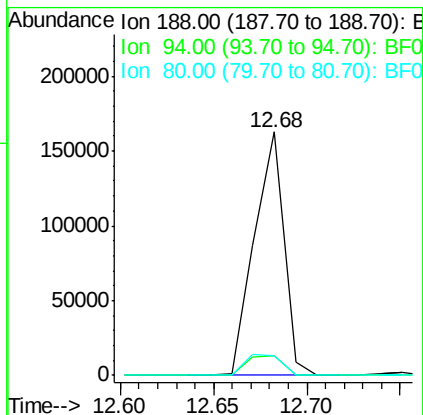
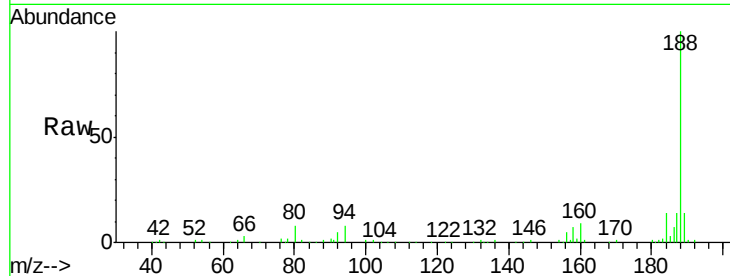




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.68 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF077955.D
 Acq: 25 Mar 2015 17:02

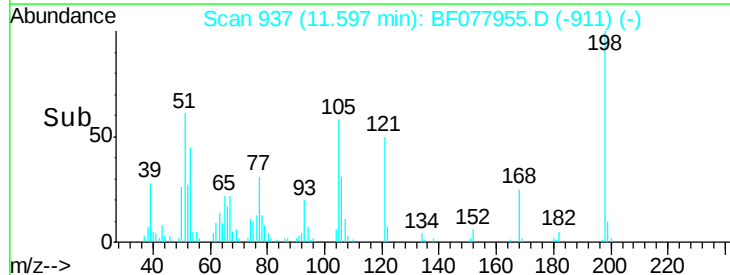
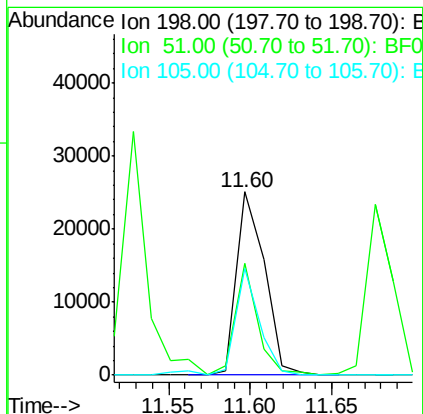
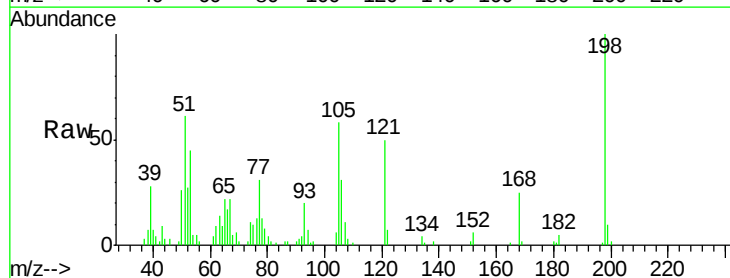
Instrument :
 BNA_F
 ClientSampleId :
 PB82256BS

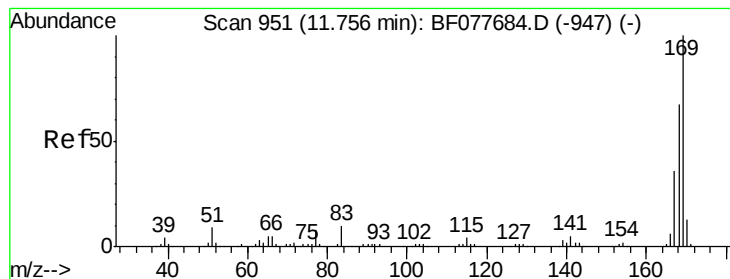
Tot Ion:188 Resp: 178478
 Ion Ratio Lower Upper
 188 100
 94 7.9 8.7 13.1#
 80 8.2 9.3 13.9#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 36.14 ng
 RT: 11.60 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF077955.D
 Acq: 25 Mar 2015 17:02

Tgt Ion:198 Resp: 29474
 Ion Ratio Lower Upper
 198 100
 51 61.3 28.8 68.8
 105 58.1 30.5 70.5

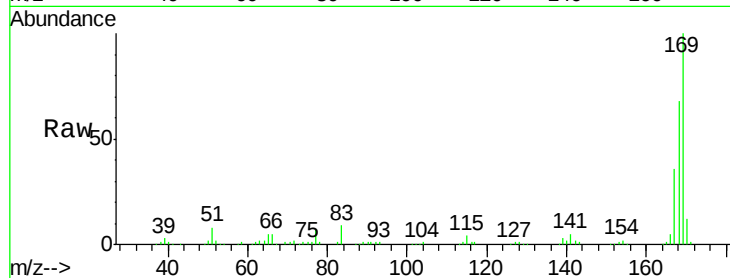




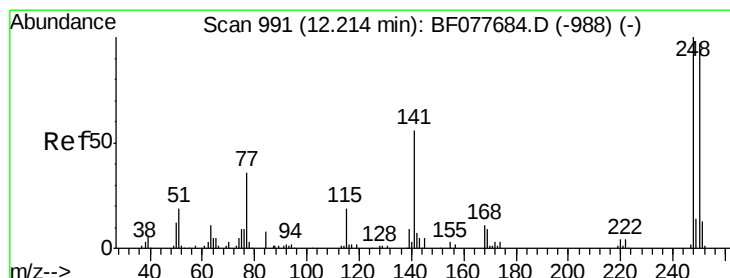
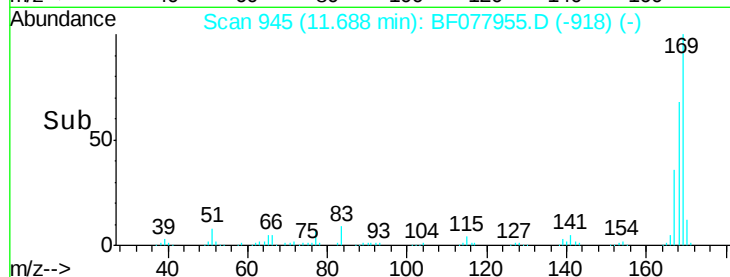
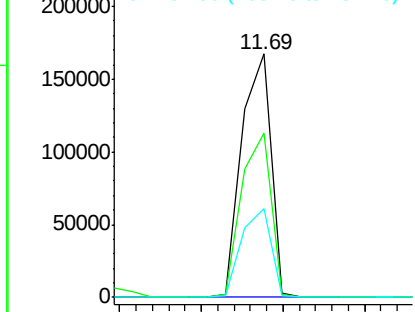
#65
 n-Nitrosodiphenylamine
 Concen: 34.88 ng
 RT: 11.69 min Scan# 945
 Delta R.T. 0.01 min
 Lab File: BF077955.D
 Acq: 25 Mar 2015 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB82256BS

Tot Ion:169 Resp: 207264
 Ion Ratio Lower Upper
 169 100
 168 67.6 53.9 80.9
 167 36.2 28.9 43.3

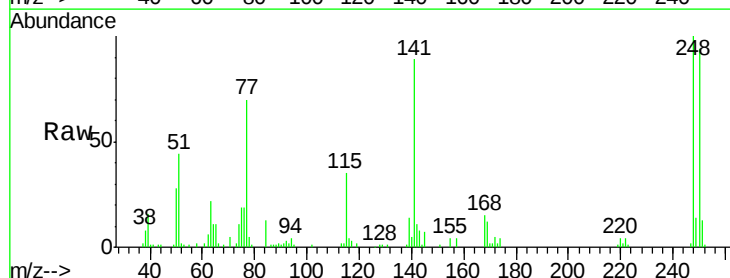


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

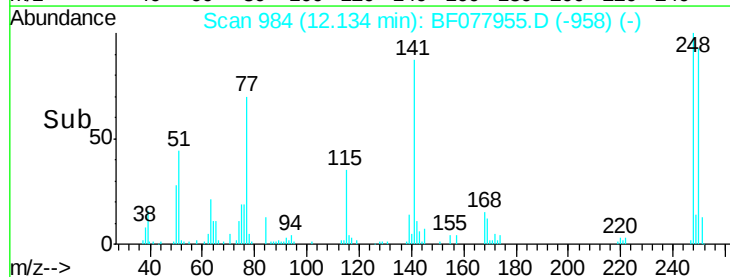
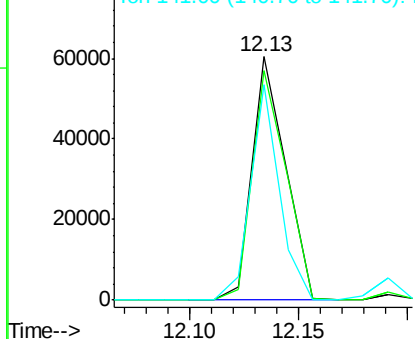


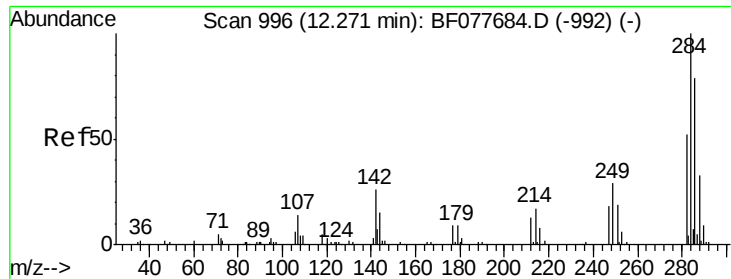
#66
 4-Bromophenyl-phenylether
 Concen: 34.02 ng
 RT: 12.13 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: BF077955.D
 Acq: 25 Mar 2015 17:02

Tgt Ion:248 Resp: 64791
 Ion Ratio Lower Upper
 248 100
 250 94.5 77.4 116.0
 141 88.7 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

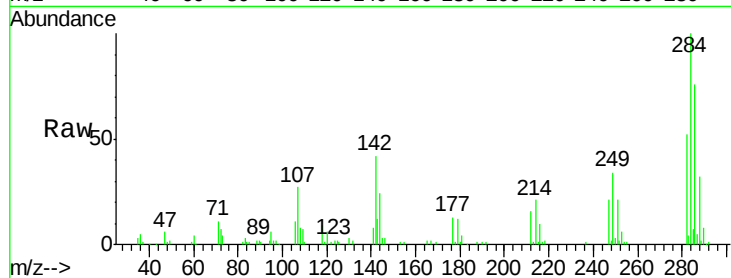




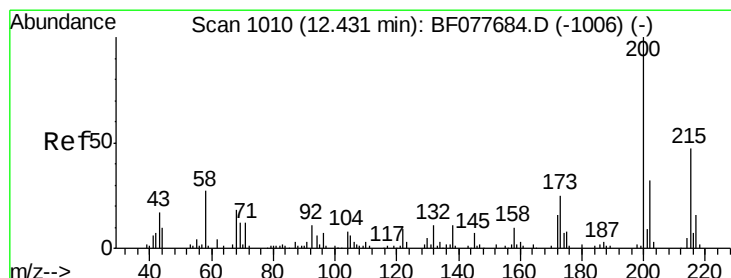
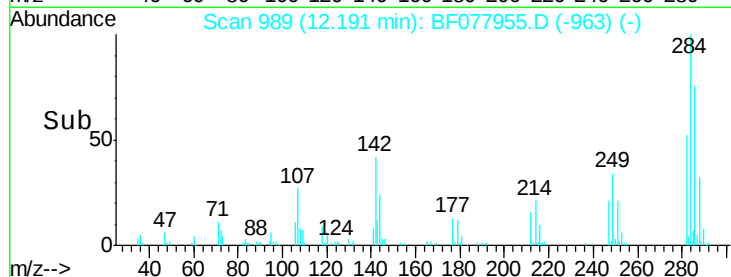
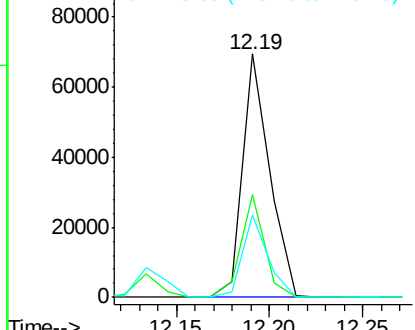
#67
Hexachlorobenzene
Concen: 33.41 ng
RT: 12.19 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF077955.D
Acq: 25 Mar 2015 17:02

Instrument :
BNA_F
ClientSampleId :
PB82256BS

Tot Ion:284 Resp: 69913
Ion Ratio Lower Upper
284 100
142 42.1 20.4 30.6#
249 33.9 23.8 35.6

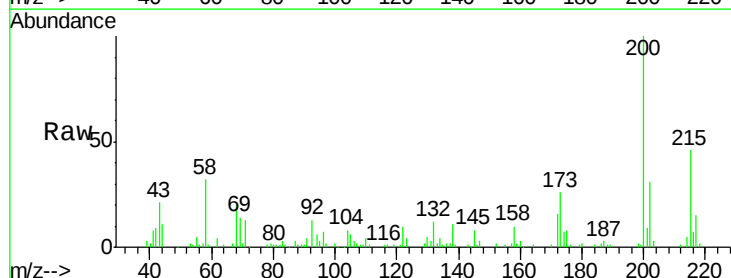


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

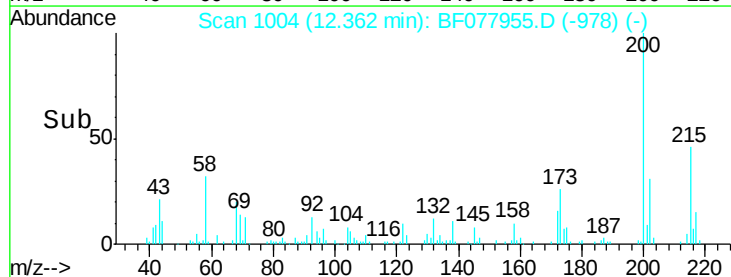
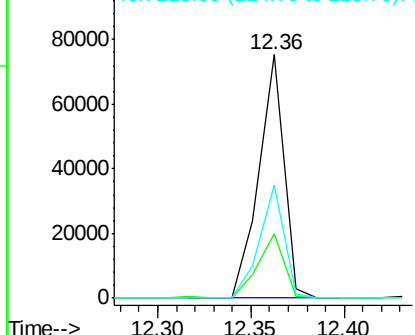


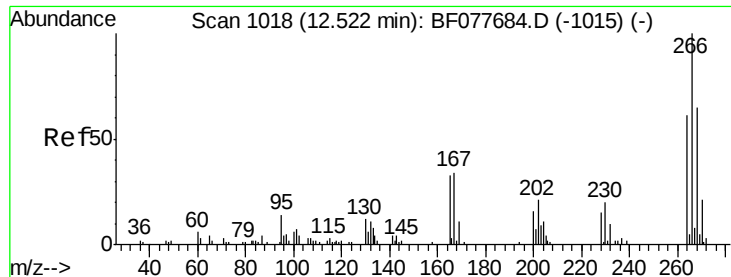
#68
Atrazine
Concen: 42.11 ng
RT: 12.36 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF077955.D
Acq: 25 Mar 2015 17:02

Tgt Ion:200 Resp: 70136
Ion Ratio Lower Upper
200 100
173 26.3 4.8 44.8
215 46.4 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

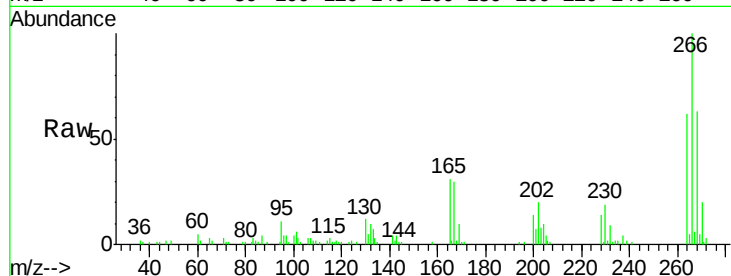




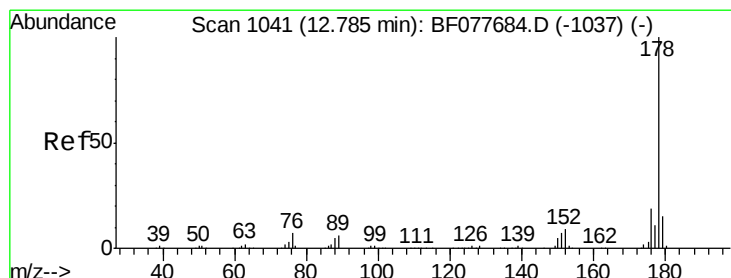
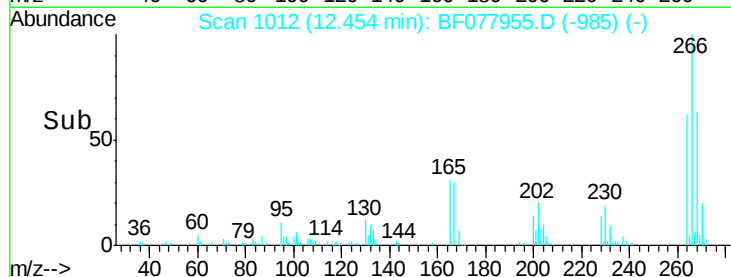
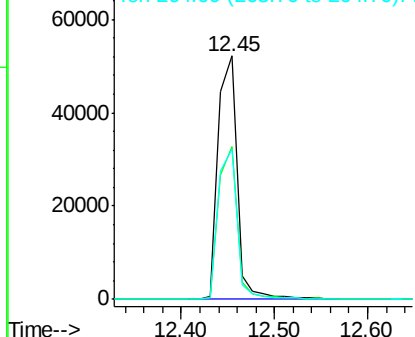
#69
 Pentachlorophenol
 Concen: 67.81 ng
 RT: 12.45 min Scan# 1012
 Delta R.T. 0.01 min
 Lab File: BF077955.D
 Acq: 25 Mar 2015 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB82256BS

Tot Ion:266 Resp: 73793
 Ion Ratio Lower Upper
 266 100
 268 62.6 52.0 78.0
 264 61.8 49.0 73.4

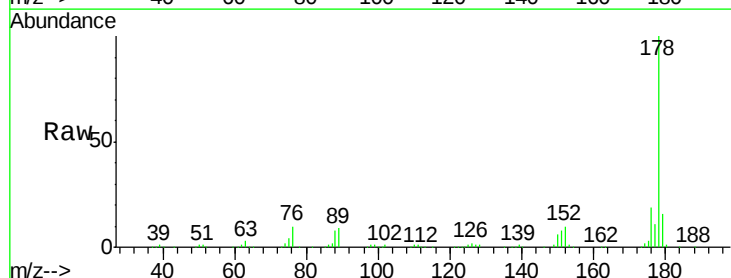


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

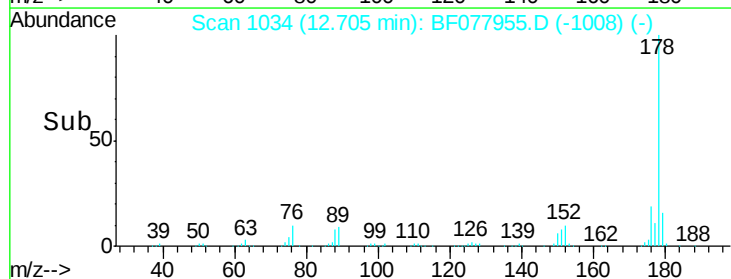
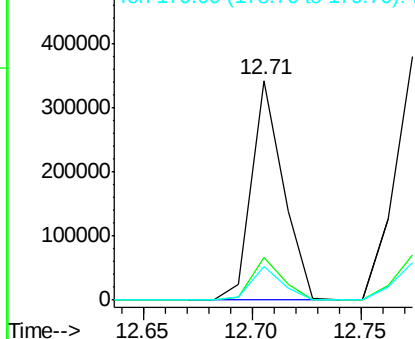


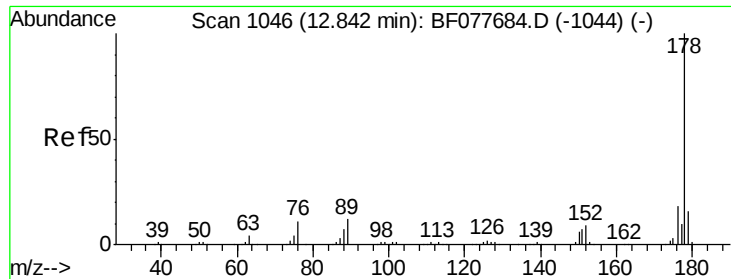
#70
 Phenanthrene
 Concen: 33.99 ng
 RT: 12.71 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF077955.D
 Acq: 25 Mar 2015 17:02

Tgt Ion:178 Resp: 348271
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.2 22.8
 179 15.5 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

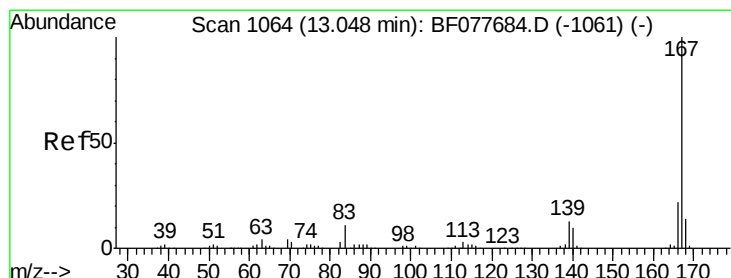
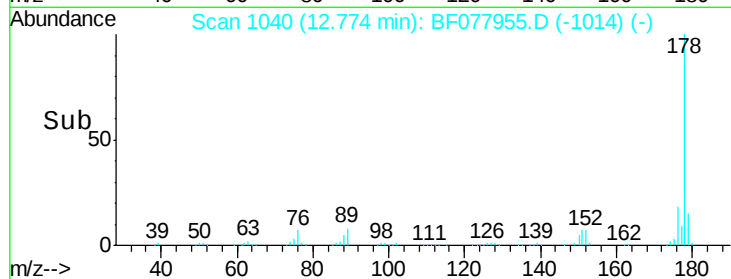
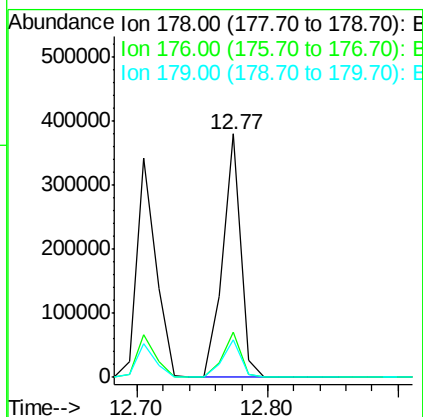
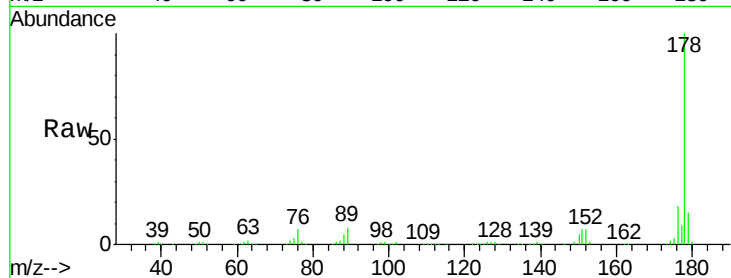




#71
 Anthracene
 Concen: 36.47 ng
 RT: 12.77 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF077955.D
 Acq: 25 Mar 2015 17:02

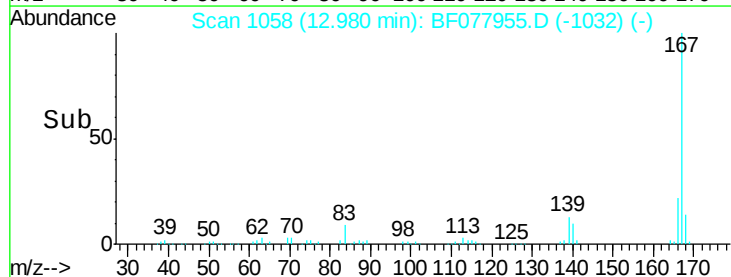
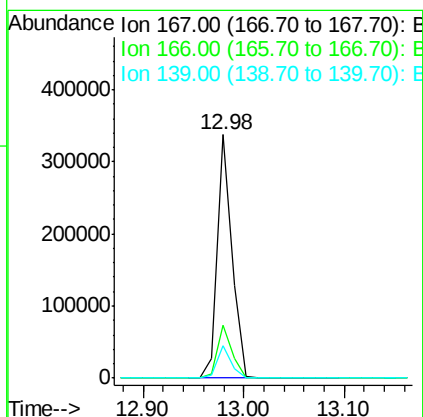
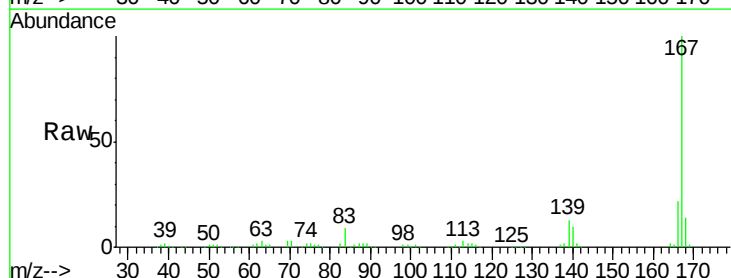
Instrument :
 BNA_F
 ClientSampleId :
 PB82256BS

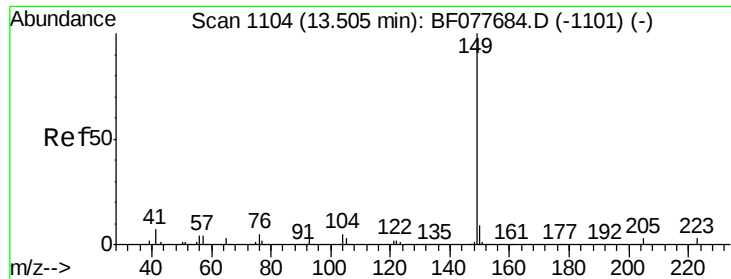
Tot Ion:178 Resp: 369218
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.6 22.0
 179 15.2 12.6 19.0



#72
 Carbazole
 Concen: 35.69 ng
 RT: 12.98 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF077955.D
 Acq: 25 Mar 2015 17:02

Tgt Ion:167 Resp: 343649
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 13.4 10.8 16.2

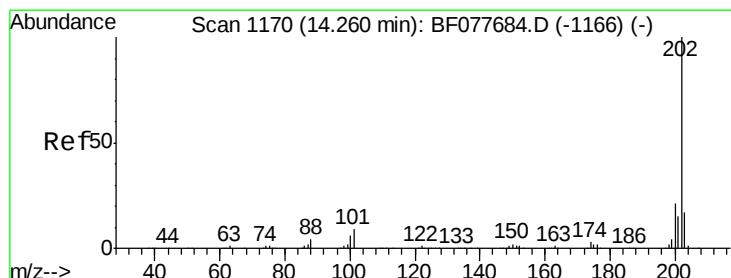
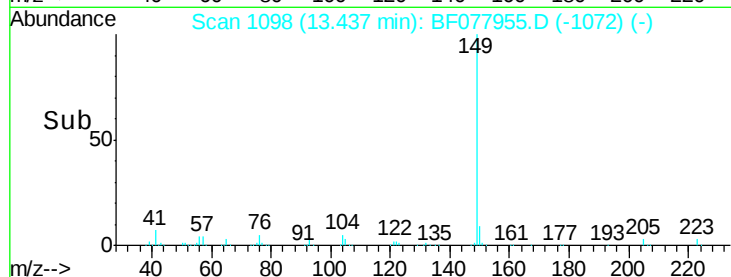
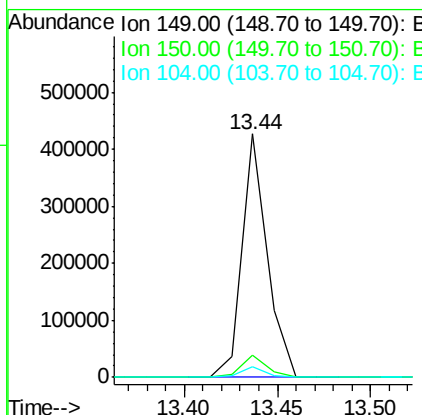
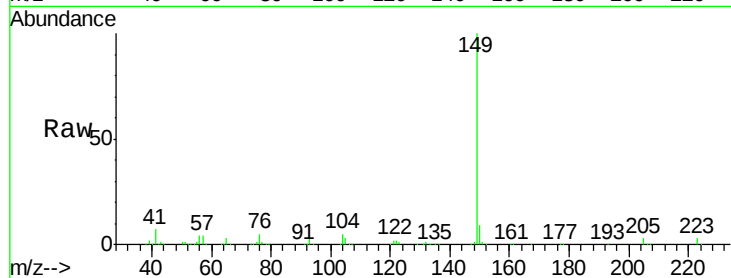




#73
Di-n-butylphthalate
Concen: 36.99 ng
RT: 13.44 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BF077955.D
Acq: 25 Mar 2015 17:02

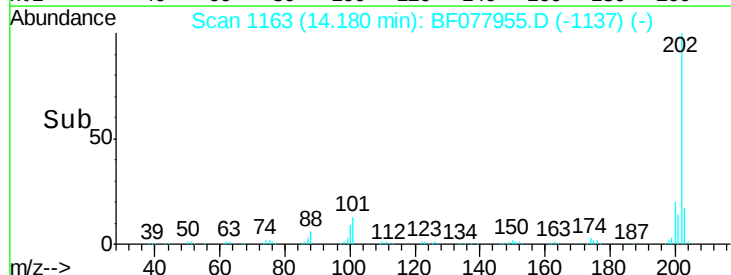
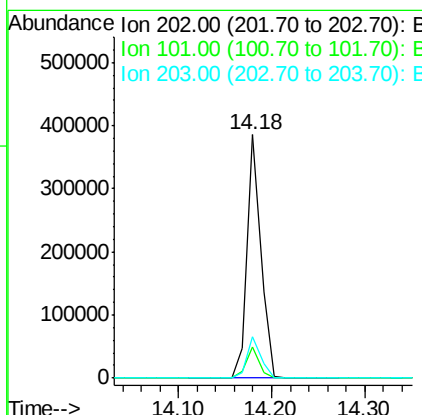
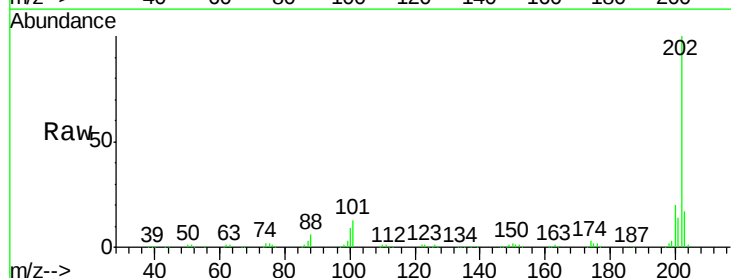
Instrument :
BNA_F
ClientSampled :
PB82256BS

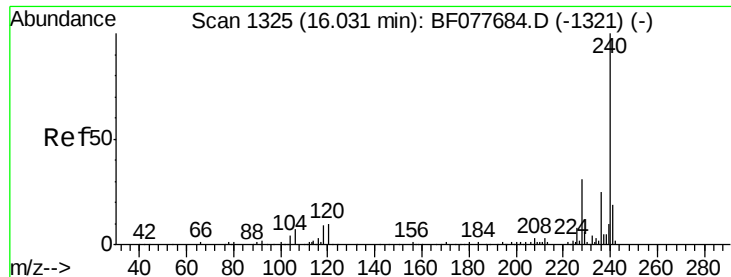
Tot Ion:149 Resp: 399423
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 4.5 3.7 5.5



#74
Fluoranthene
Concen: 34.88 ng
RT: 14.18 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF077955.D
Acq: 25 Mar 2015 17:02

Tgt Ion:202 Resp: 394133
Ion Ratio Lower Upper
202 100
101 12.6 0.0 28.7
203 17.0 0.0 37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.04 min Scan# 1326

Delta R.T. 0.07 min

Lab File: BF077955.D

Acq: 25 Mar 2015 17:02

Instrument :

BNA_F

ClientSampleId :

PB82256BS

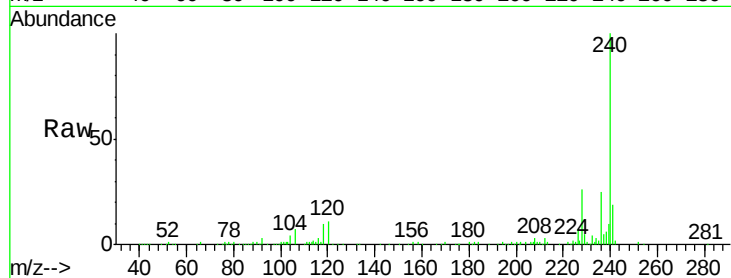
Tot Ion:240 Resp: 196520

Ion Ratio Lower Upper

240 100

120 10.7 8.2 12.2

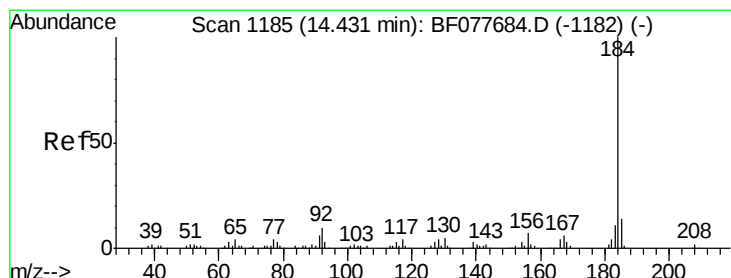
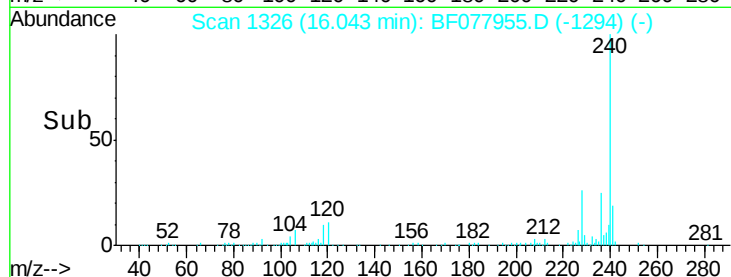
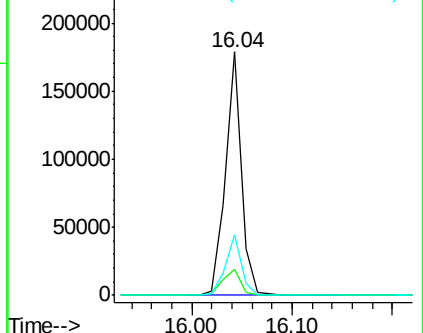
236 24.8 20.0 30.0



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: 31.22 ng

RT: 14.37 min Scan# 1180

Delta R.T. 0.01 min

Lab File: BF077955.D

Acq: 25 Mar 2015 17:02

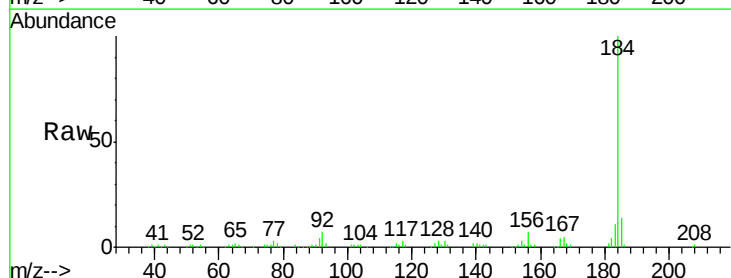
Tgt Ion:184 Resp: 152280

Ion Ratio Lower Upper

184 100

185 14.1 11.3 16.9

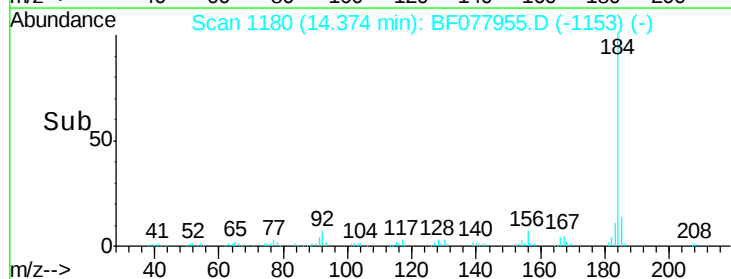
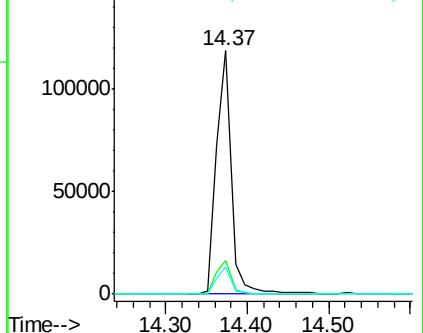
183 11.0 8.9 13.3

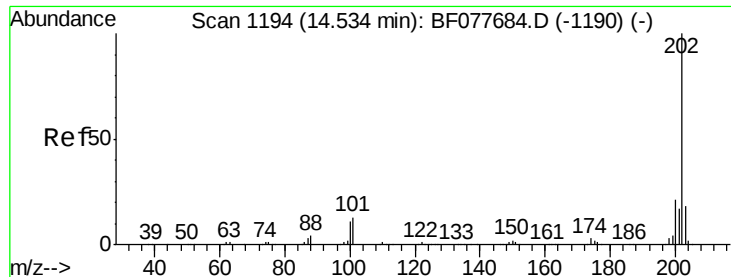


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

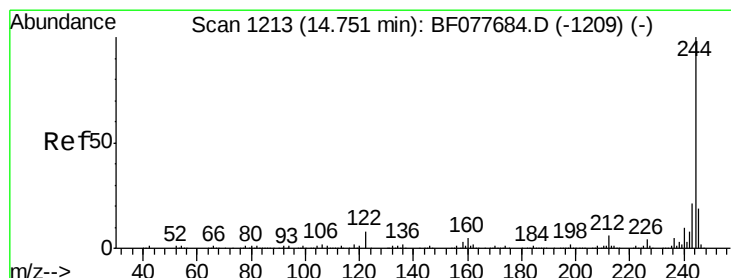
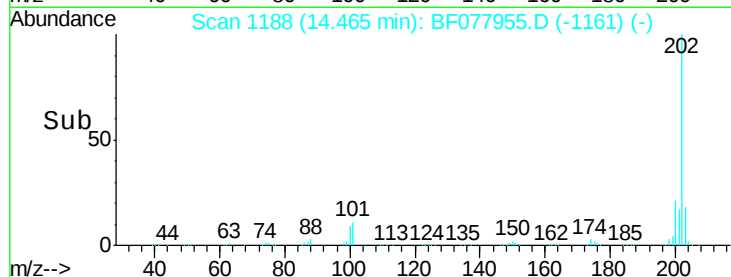
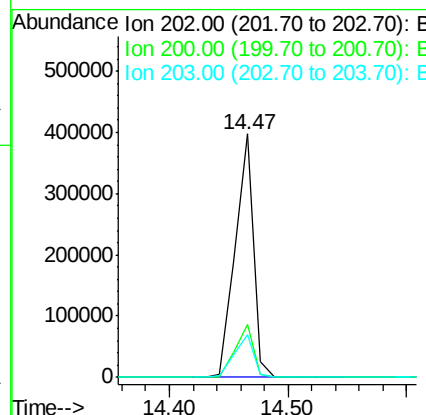
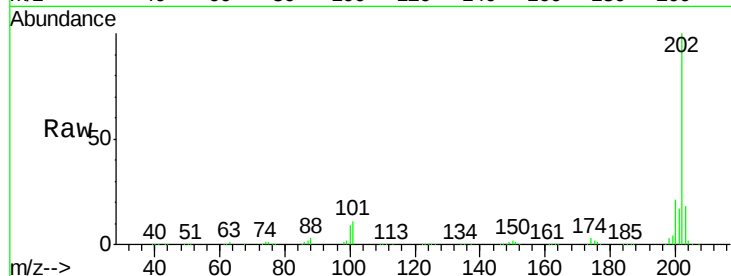




#77
 Pvrene
 Concen: 34.34 ng
 RT: 14.47 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF077955.D
 Acq: 25 Mar 2015 17:02

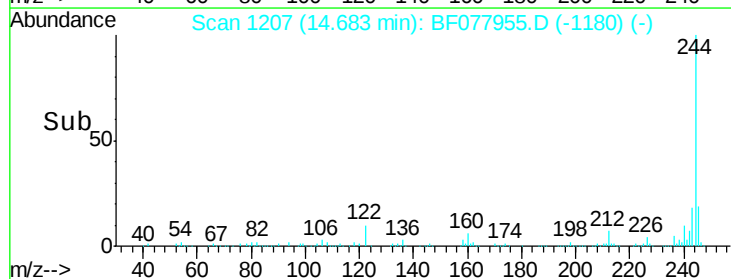
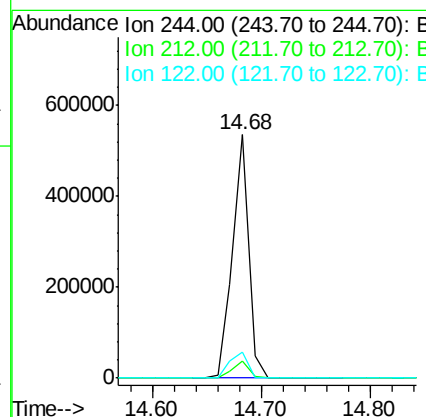
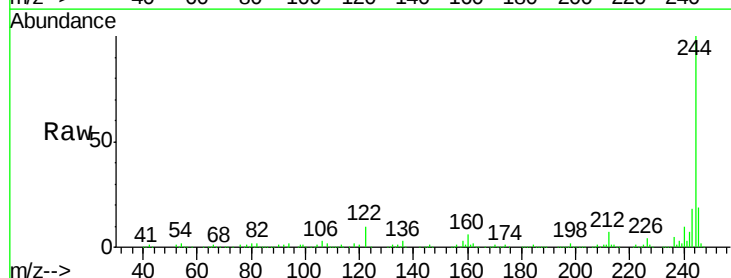
Instrument :
 BNA_F
 ClientSampleId :
 PB82256BS

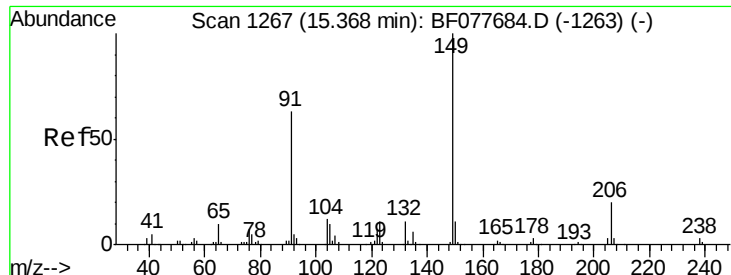
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.9	25.3
203	17.5	14.1	21.1



#78
 Terphenyl-d14
 Concen: 68.02 ng
 RT: 14.68 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF077955.D
 Acq: 25 Mar 2015 17:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	4.9	7.3
122	10.5	6.2	9.4

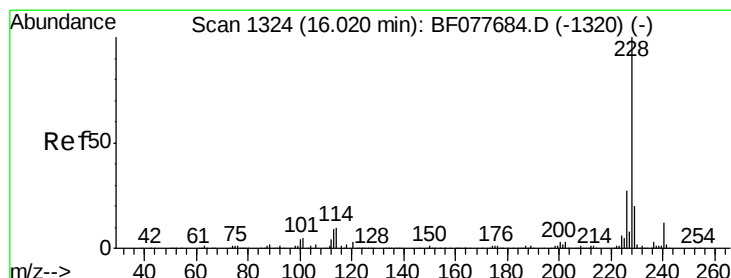
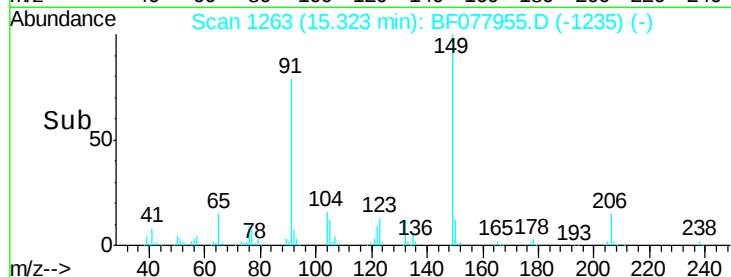
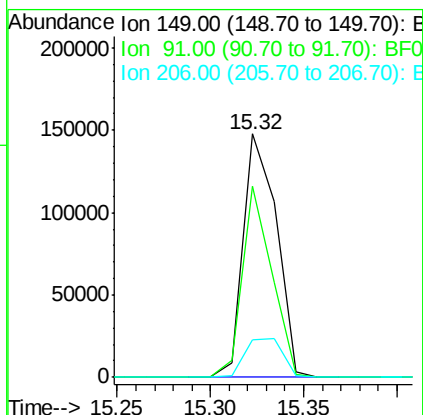
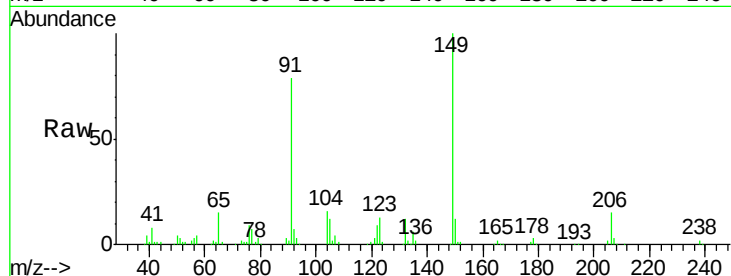




#79
Butylbenzylphthalate
Concen: 37.51 ng
RT: 15.32 min Scan# 1263
Delta R.T. 0.02 min
Lab File: BF077955.D
Acq: 25 Mar 2015 17:02

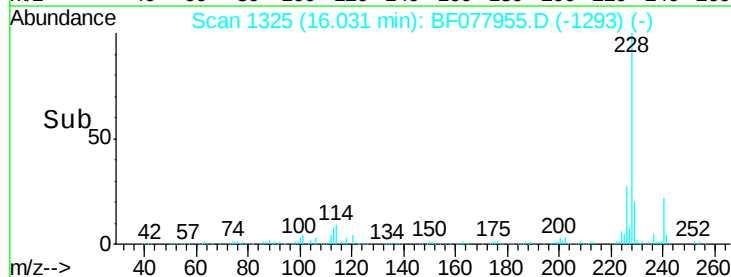
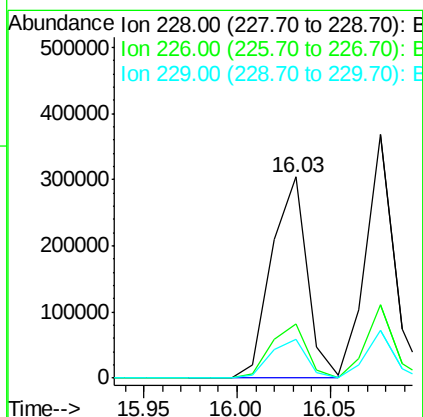
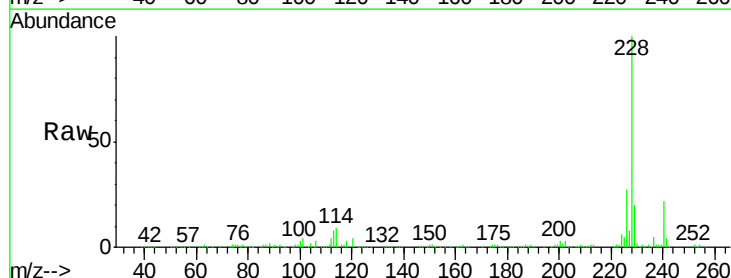
Instrument :
BNA_F
ClientSampleId :
PB82256BS

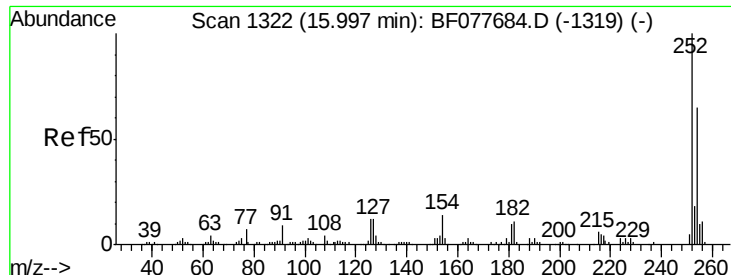
Tot Ion:149 Resp: 182783
Ion Ratio Lower Upper
149 100
91 78.5 50.1 75.1#
206 15.3 16.2 24.2#



#80
Benzo(a)anthracene
Concen: 34.54 ng
RT: 16.03 min Scan# 1325
Delta R.T. 0.07 min
Lab File: BF077955.D
Acq: 25 Mar 2015 17:02

Tgt Ion:228 Resp: 402324
Ion Ratio Lower Upper
228 100
226 27.0 21.7 32.5
229 19.5 16.0 24.0

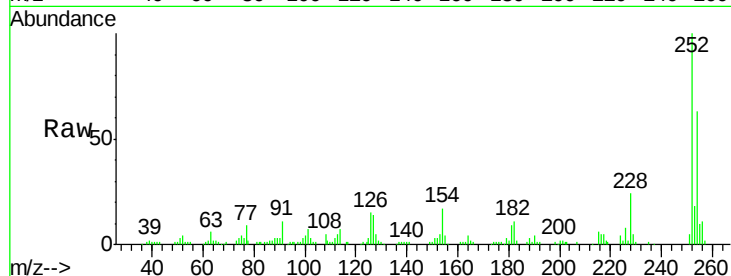




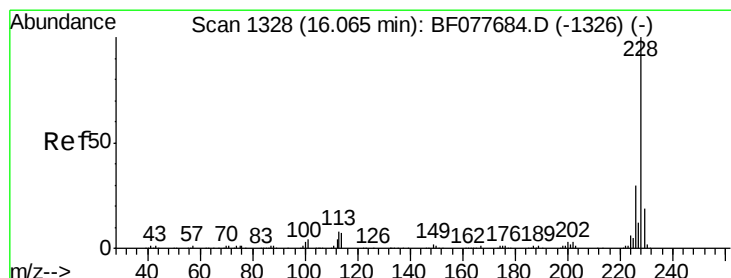
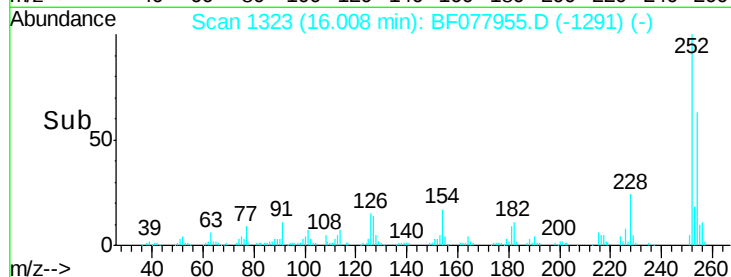
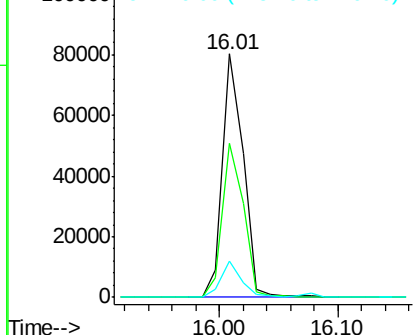
#81
 3,3'-Dichlorobenzidine
 Concen: 25.42 ng
 RT: 16.01 min Scan# 1323
 Delta R.T. 0.07 min
 Lab File: BF077955.D
 Acq: 25 Mar 2015 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB82256BS

Tot Ion:252 Resp: 97698
 Ion Ratio Lower Upper
 252 100
 254 63.3 51.9 77.9
 126 14.7 9.8 14.8

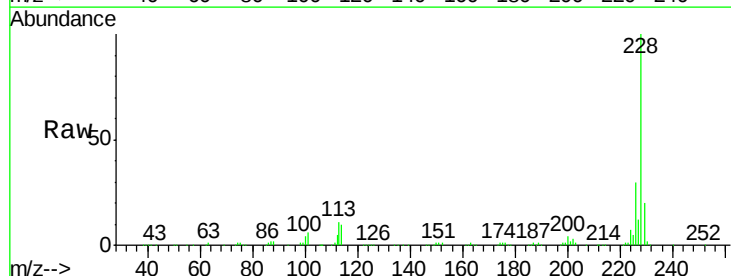


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

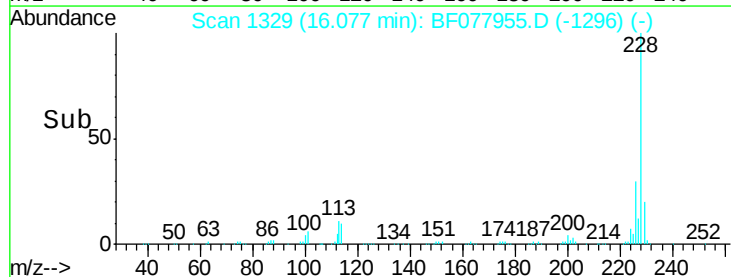
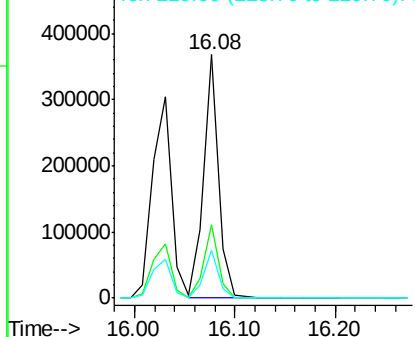


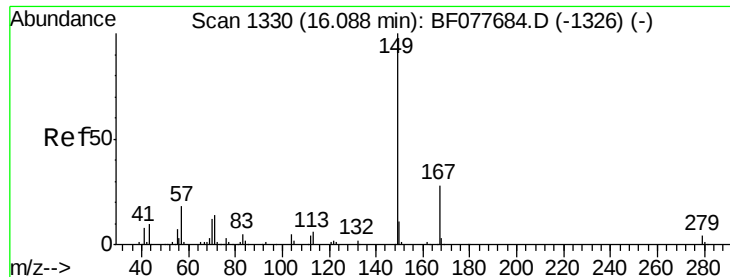
#82
 Chrysene
 Concen: 36.48 ng
 RT: 16.08 min Scan# 1329
 Delta R.T. 0.08 min
 Lab File: BF077955.D
 Acq: 25 Mar 2015 17:02

Tgt Ion:228 Resp: 382091
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.1 36.1
 229 19.7 15.5 23.3



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.74 ng

RT: 16.11 min Scan# 1332

Delta R.T. 0.08 min

Lab File: BF077955.D

Acq: 25 Mar 2015 17:02

Instrument :

BNA_F

ClientSampleId :

PB82256BS

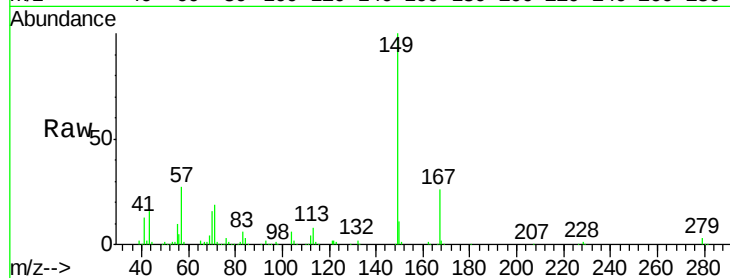
Tot Ion:149 Resp: 271141

Ion Ratio Lower Upper

149 100

167 26.0 22.4 33.6

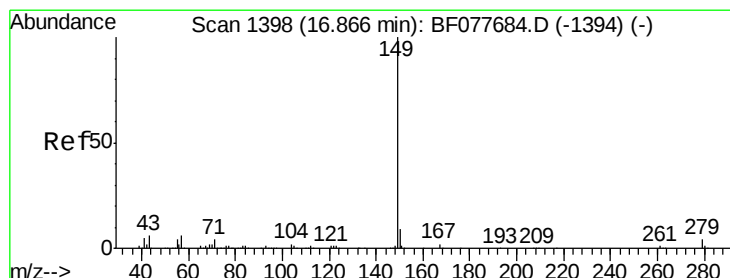
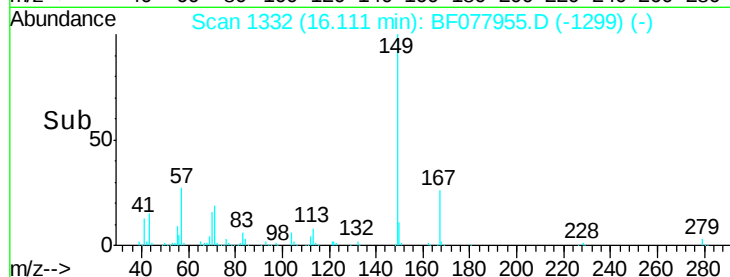
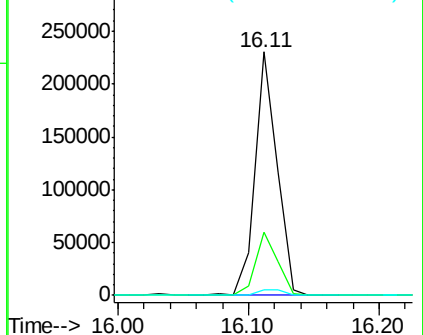
279 2.5 3.4 5.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.53 ng

RT: 17.01 min Scan# 1411

Delta R.T. 0.17 min

Lab File: BF077955.D

Acq: 25 Mar 2015 17:02

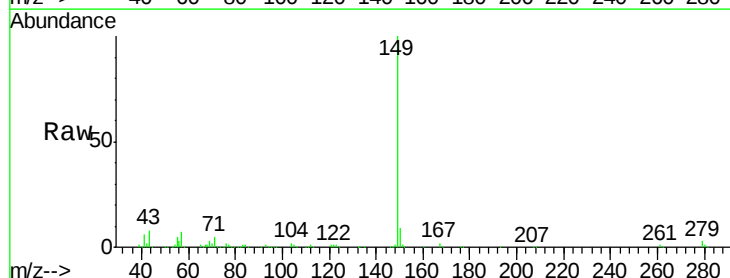
Tgt Ion:149 Resp: 473558

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

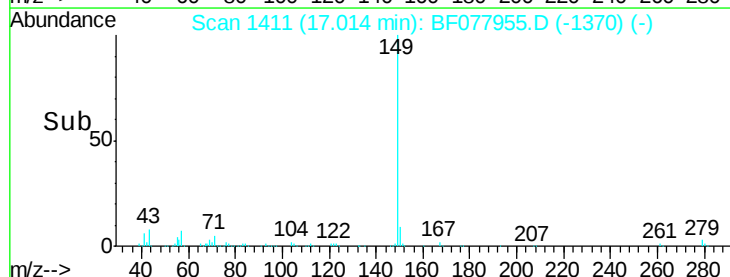
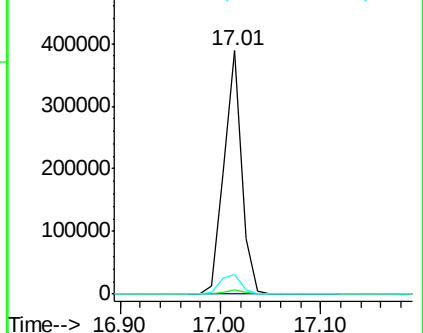
43 9.2 7.3 10.9

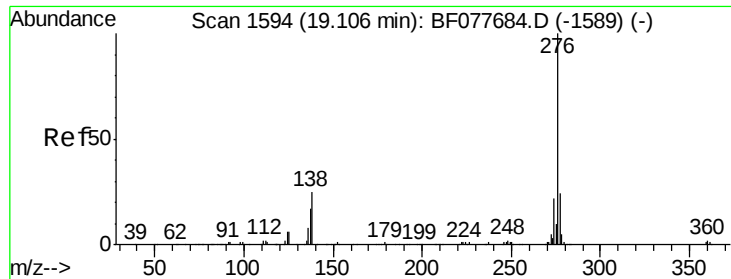


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

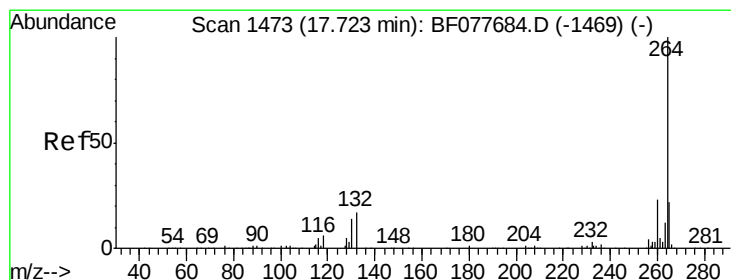
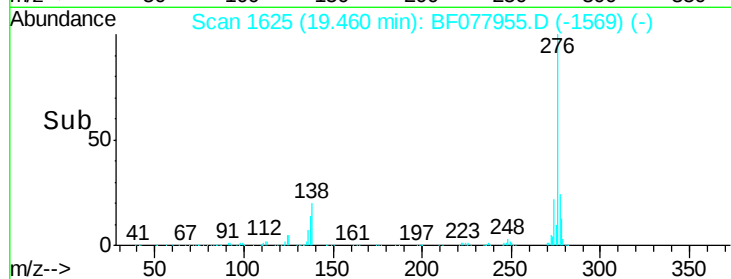
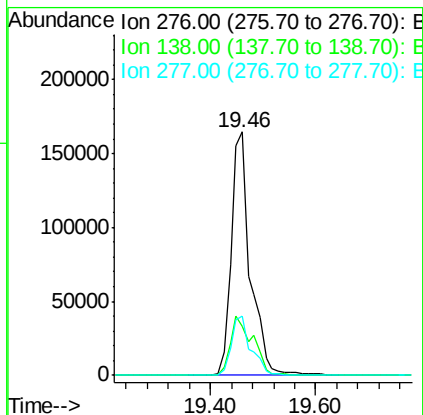
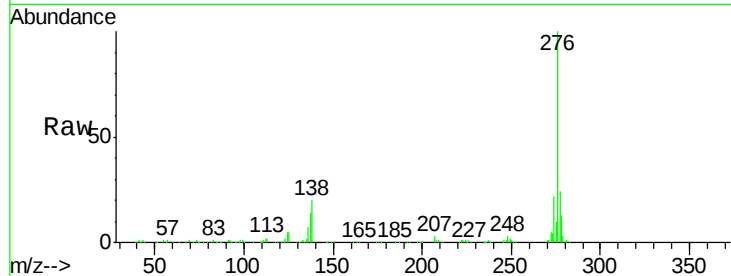




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.66 ng/mL
 RT: 19.46 min Scan# 1625
 Delta R.T. 0.34 min
 Lab File: BF077955.D
 Acq: 25 Mar 2015 17:02

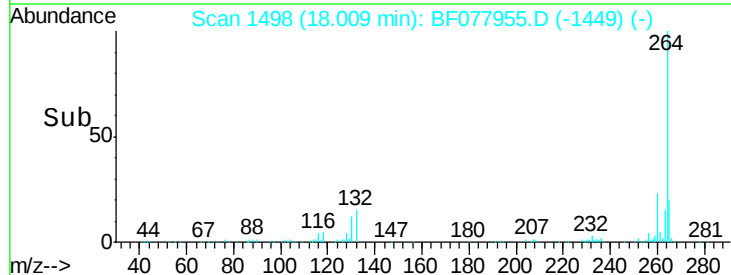
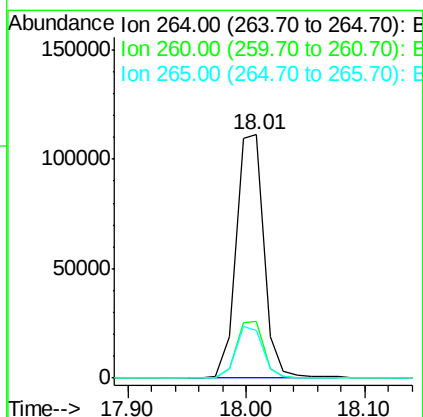
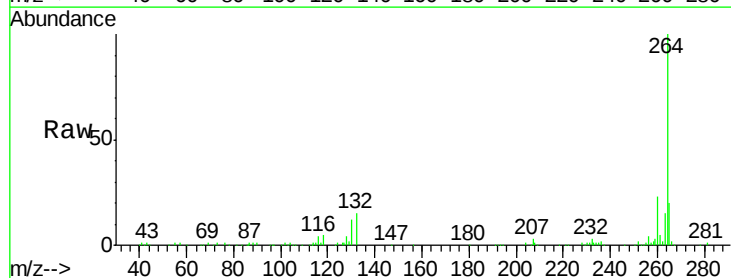
Instrument :
 BNA_F
 ClientSampleId :
 PB82256BS

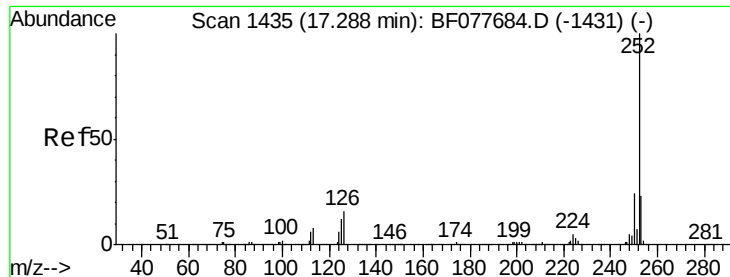
Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	0.0	0.0
277	0.0	0.0	0.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.01 min Scan# 1498
 Delta R.T. 0.26 min
 Lab File: BF077955.D
 Acq: 25 Mar 2015 17:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	19.8	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 31.85 ng

RT: 17.49 min Scan# 1453

Delta R.T. 0.21 min

Lab File: BF077955.D

Acq: 25 Mar 2015 17:02

Instrument :

BNA_F

ClientSampleId :

PB82256BS

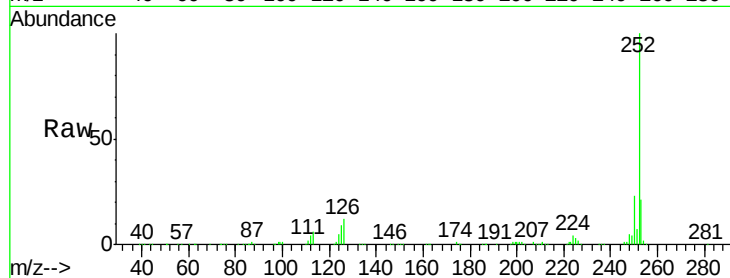
Tot Ion:252 Resp: 378601

Ion Ratio Lower Upper

252 100

253 21.4 18.0 27.0

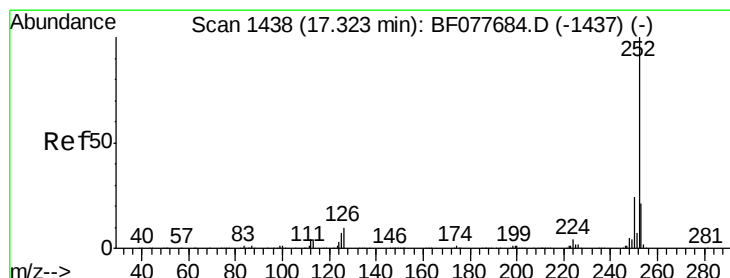
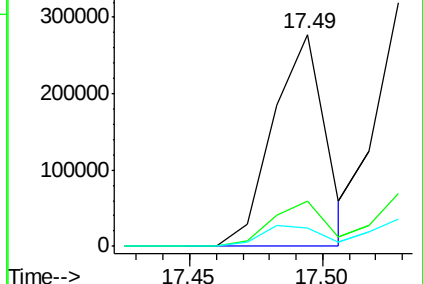
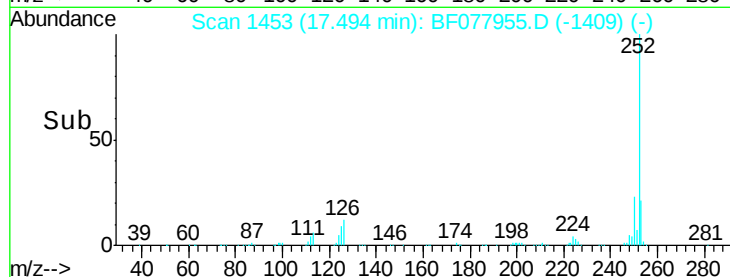
125 8.9 9.9 14.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.12 ng

RT: 17.53 min Scan# 1456

Delta R.T. 0.21 min

Lab File: BF077955.D

Acq: 25 Mar 2015 17:02

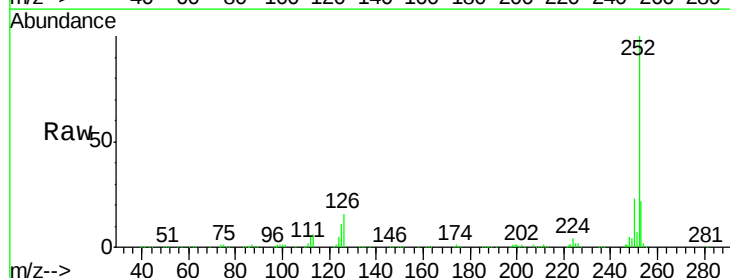
Tgt Ion:252 Resp: 391133

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

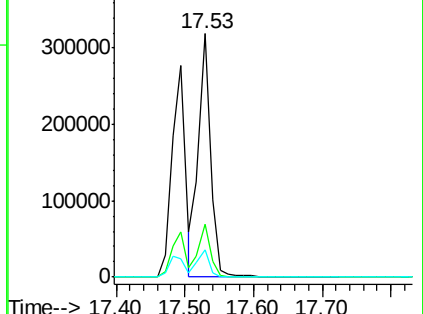
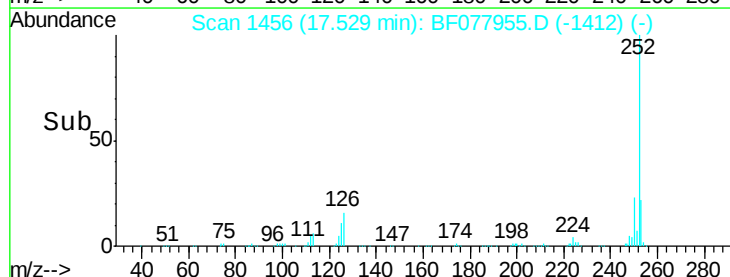
125 11.0 8.1 12.1

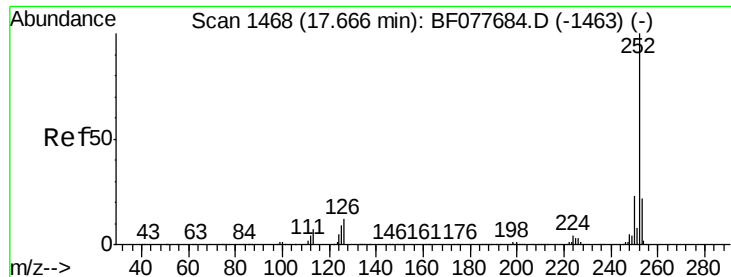


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 37.62 ng

RT: 17.93 min Scan# 1491

Delta R.T. 0.24 min

Lab File: BF077955.D

Acq: 25 Mar 2015 17:02

Instrument :

BNA_F

ClientSampleId :

PB82256BS

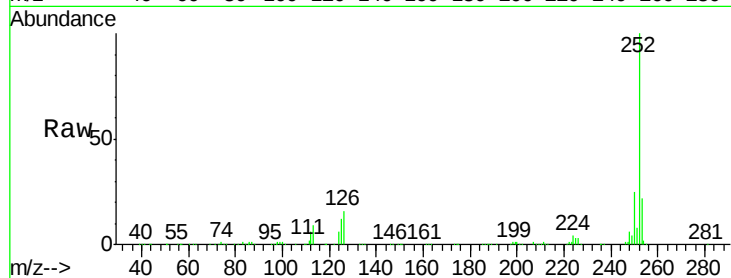
Tot Ion:252 Resp: 373119

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

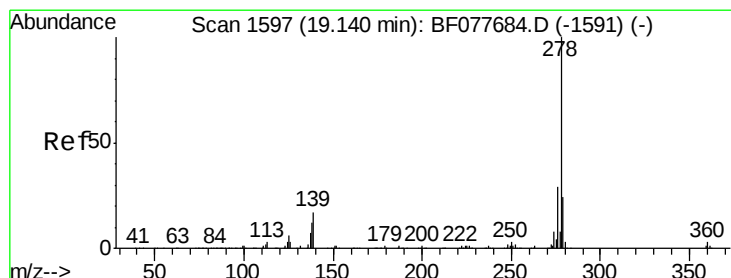
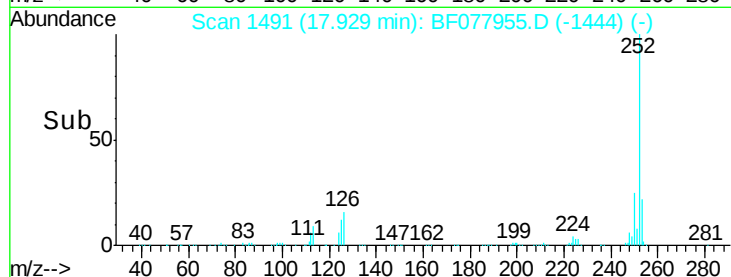
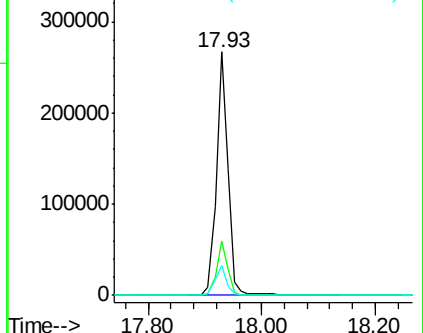
125 12.2 7.4 11.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 35.01 ng

RT: 19.48 min Scan# 1627

Delta R.T. 0.33 min

Lab File: BF077955.D

Acq: 25 Mar 2015 17:02

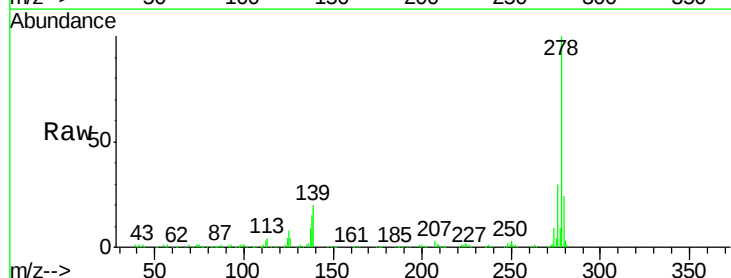
Tgt Ion:278 Resp: 344416

Ion Ratio Lower Upper

278 100

139 20.0 13.4 20.0

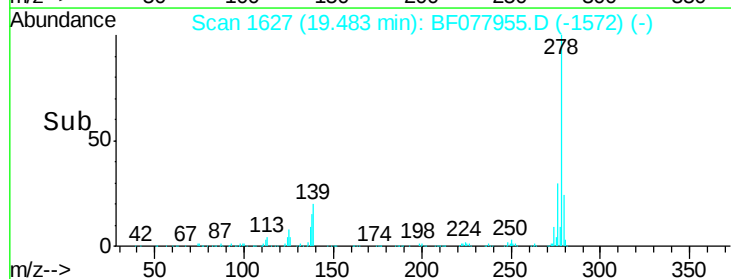
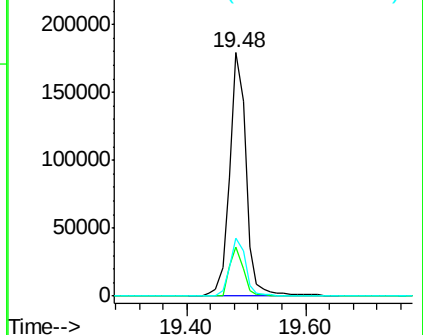
279 23.7 19.0 28.4

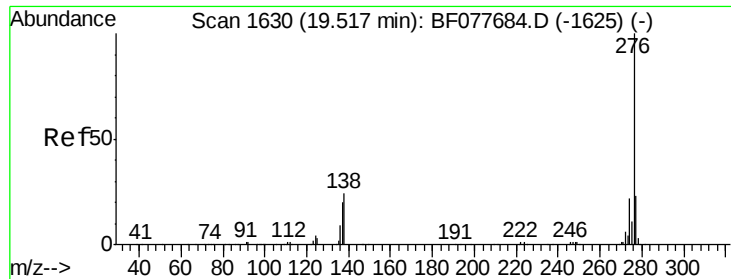


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

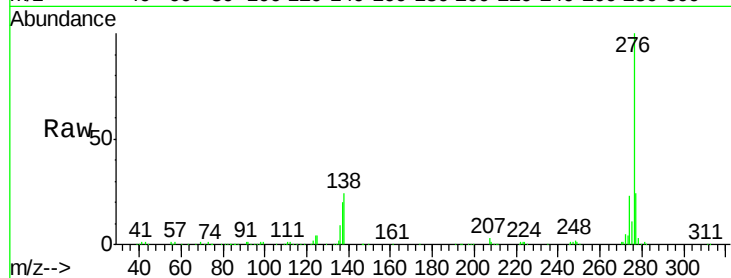




#91
 Benzo(a,h,i)perylene
 Concen: 35.20 ng
 RT: 19.86 min Scan# 1660
 Delta R.T. 0.34 min
 Lab File: BF077955.D
 Acq: 25 Mar 2015 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB82256BS

Tot Ion:276	Resp:	352511
Ion	Ratio	Lower Upper
276	100	
277	23.7	18.5 27.7
138	24.2	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

