

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081315\
 Data File : BF080997.D
 Acq On : 14 Aug 2015 1:21
 Operator : UM/IZ
 Sample : PB84967BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84967BS

Quant Time: Aug 14 02:54:50 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	44134	20.00	ng	-0.06
21) Naphthalene-d8	8.04	136	139858	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	88426	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	169820	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	48379	20.00	ng	-0.07
86) Perylene-d12	15.28	264	41978	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	340431	126.03	ng	-0.02
7) Phenol-d6	6.40	99	425475	114.95	ng	-0.05
23) Nitrobenzene-d5	7.32	82	204927	69.31	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	82400	84.82	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	360056	57.32	ng	-0.06
78) Terphenyl-d14	12.84	244	280362	119.70	ng	-0.07

Target Compounds						Qvalue
2) 1,4-Dioxane	2.37	88	32288	25.20	ng	# 86
3) Pyridine	3.05	79	104657	28.80	ng	87
4) n-Nitrosodimethylamine	3.00	42	77607	41.84	ng	# 79
6) Aniline	6.41	93	125339	23.05	ng	# 1
8) 2-Chlorophenol	6.53	128	104646	33.48	ng	# 82
9) Benzaldehyde	6.29	77	70269	28.16	ng	98
10) Phenol	6.41	94	177146	40.34	ng	# 70
11) bis(2-Chloroethyl)ether	6.50	93	107146	32.68	ng	88
12) 1,3-Dichlorobenzene	6.69	146	116568	35.14	ng	97
13) 1,4-Dichlorobenzene	6.77	146	109755	31.84	ng	99
14) 1,2-Dichlorobenzene	6.92	146	95229	30.56	ng	99
15) Benzyl Alcohol	6.90	79	104967	34.65	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	7.04	45	183213	27.77	ng	100
17) 2-Methylphenol	7.01	107	68471	25.66	ng	# 89
18) Hexachloroethane	7.26	117	33978	25.73	ng	94
19) n-Nitroso-di-n-propylamine	7.17	70	70042	25.89	ng	88
20) 3+4-Methylphenols	7.17	107	100330	29.94	ng	# 83
22) Acetophenone	7.16	105	135826	39.64	ng	98
24) Nitrobenzene	7.33	77	88436	29.05	ng	97
25) Isophorone	7.58	82	175491	30.86	ng	95
26) 2-Nitrophenol	7.65	139	38896	30.36	ng	# 84
27) 2,4-Dimethylphenol	7.70	122	74880	31.22	ng	90
28) bis(2-Chloroethoxy)methane	7.79	93	104931	30.74	ng	97
29) 2,4-Dichlorophenol	7.89	162	62132	31.53	ng	92
30) 1,2,4-Trichlorobenzene	7.98	180	70390	32.68	ng	97
31) Naphthalene	8.06	128	242334	31.44	ng	99
32) Benzoic acid	7.82	122	48246	33.60	ng	87
33) 4-Chloroaniline	8.11	127	55316	17.66	ng	98
34) Hexachlorobutadiene	8.18	225	42187	32.92	ng	97
35) Caprolactam	8.49	113	17457	24.62	ng	# 75
36) 4-Chloro-3-methylphenol	8.60	107	81618	33.94	ng	92
37) 2-Methylnaphthalene	8.75	142	165628	33.75	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	66053	24.23	ng	98
40) Hexachlorocyclopentadiene	8.90	237	45833	30.81	ng	94

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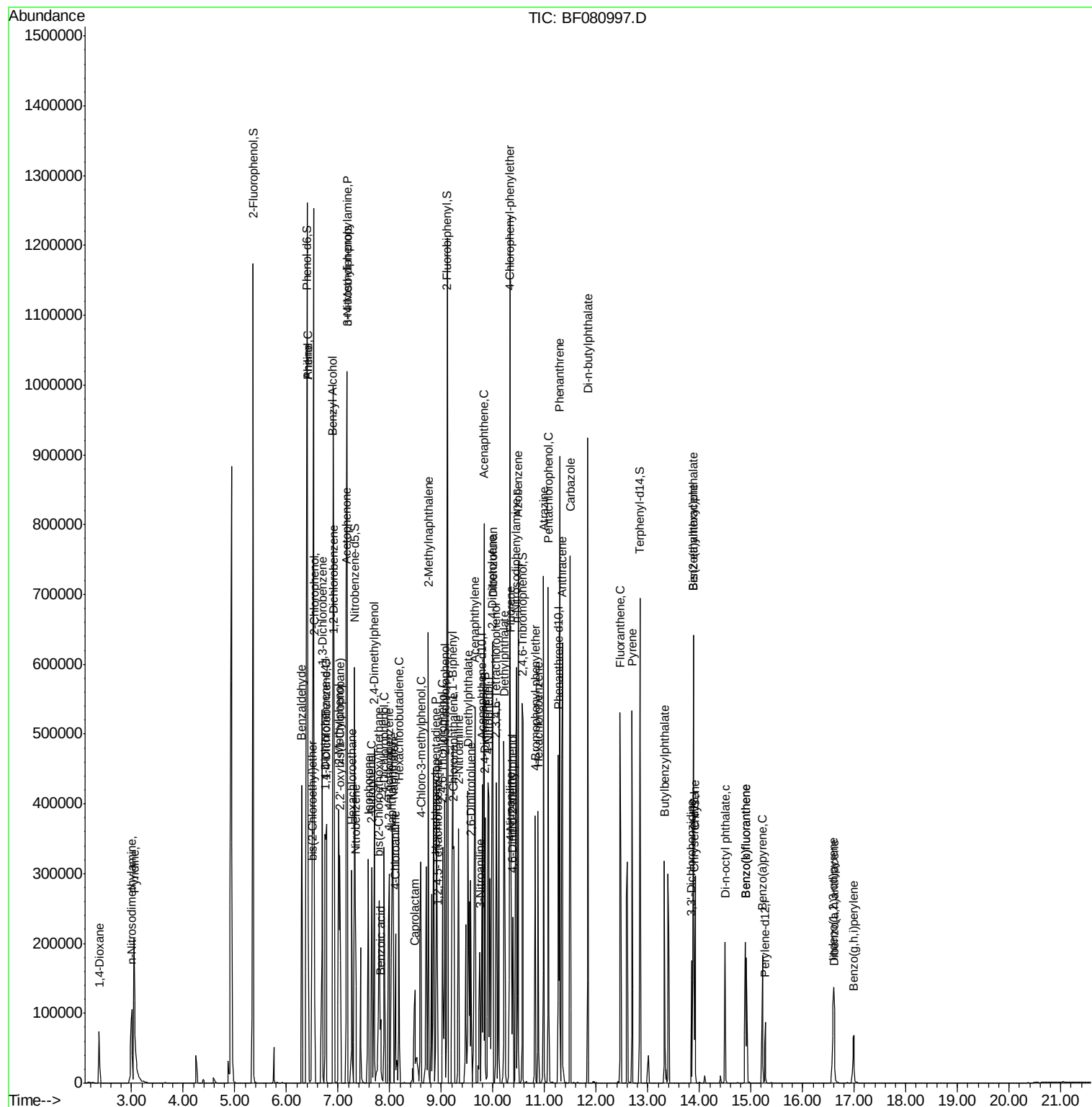
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	46968	23.51	nq	98
43) 2,4,5-Trichlorophenol	9.07	196	58625	29.12	nq #	88
45) 1,1'-Biphenyl	9.22	154	187028	24.64	nq	99
46) 2-Chloronaphthalene	9.24	162	150927	25.51	nq	99
47) 2-Nitroaniline	9.33	65	65074	27.43	nq	93
48) Acenaphthylene	9.65	152	278004	27.03	nq	99
49) Dimethylphthalate	9.52	163	191631	26.09	nq	99
50) 2,6-Dinitrotoluene	9.57	165	31887	21.01	nq #	78
51) Acenaphthene	9.82	154	231966	36.82	nq	99
52) 3-Nitroaniline	9.74	138	28122	15.03	nq	94
53) 2,4-Dinitrophenol	9.85	184	32450	38.64	nq #	68
54) Dibenzofuran	10.00	168	304881	35.79	nq	97
55) 4-Nitrophenol	9.92	139	93834	67.01	nq	89
56) 2,4-Dinitrotoluene	9.98	165	69851	34.40	nq #	73
57) Fluorene	10.34	166	214383	32.53	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	49029	30.77	nq	93
59) Diethylphthalate	10.21	149	246105	32.19	nq	98
60) 4-Chlorophenyl-phenylether	10.33	204	97666	30.42	nq	98
61) 4-Nitroaniline	10.35	138	47967	24.92	nq	88
62) Azobenzene	10.49	77	287783	33.66	nq	96
64) 4,6-Dinitro-2-methylphenol	10.38	198	24789	23.55	nq	92
65) n-Nitrosodiphenylamine	10.45	169	195227	33.09	nq	99
66) 4-Bromophenyl-phenylether	10.82	248	52344	29.10	nq	93
67) Hexachlorobenzene	10.88	284	40551	20.28	nq #	52
68) Atrazine	10.98	200	58223	33.66	nq	99
69) Pentachlorophenol	11.07	266	62163	53.46	nq	97
70) Phenanthrene	11.29	178	297687	30.96	nq	98
71) Anthracene	11.34	178	331074	34.78	nq	98
72) Carbazole	11.49	167	277220	29.91	nq #	97
73) Di-n-butylphthalate	11.84	149	407770	35.18	nq	99
74) Fluoranthene	12.46	202	277573	26.70	nq	97
76) Benzidine	12.60	184	166836	Below	Cal	97
77) Pyrene	12.69	202	226301	63.32	nq	99
79) Butylbenzylphthalate	13.32	149	65277	37.89	nq #	69
80) Benzo(a)anthracene	13.88	228	108292	35.44	nq	98
81) 3,3'-Dichlorobenzidine	13.85	252	32841	29.54	nq	98
82) Chrysene	13.92	228	101855	34.81	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	91550	38.19	nq #	93
84) Di-n-octyl phthalate	14.50	149	138777	34.14	nq	99
85) Indeno(1,2,3-cd)pyrene	16.59	276	86449	31.05	nq	97
87) Benzo(b)fluoranthene	14.89	252	176488	60.46	nq	98
88) Benzo(k)fluoranthene	14.89	252	176488	69.11	nq #	96
89) Benzo(a)pyrene	15.22	252	85587	34.11	nq #	98
90) Dibenzo(a,h)anthracene	16.61	278	73819	33.27	nq #	96
91) Benzo(g,h,i)perylene	16.99	276	64792	30.02	nq #	93

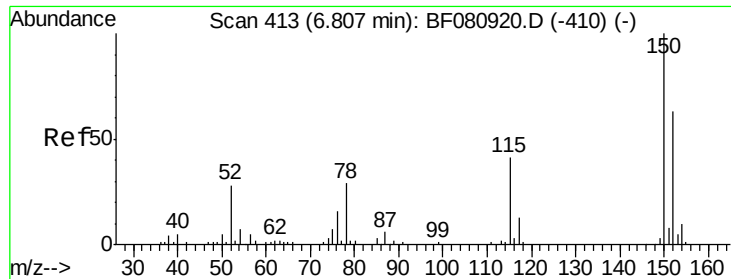
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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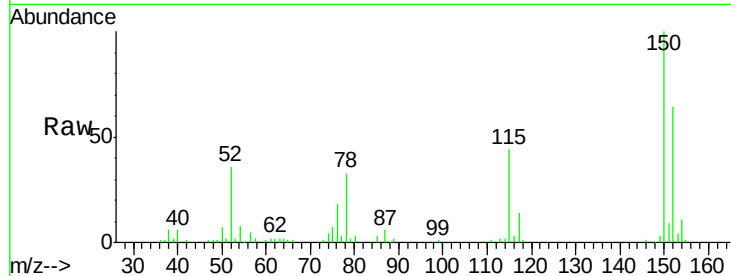


#1

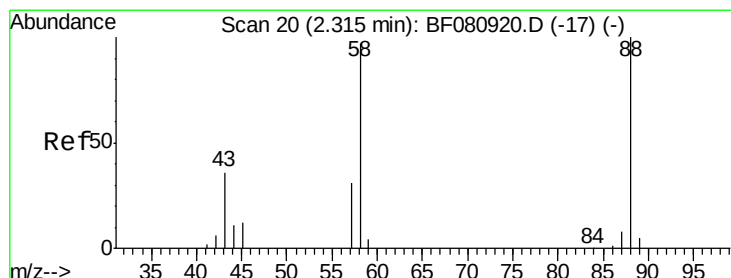
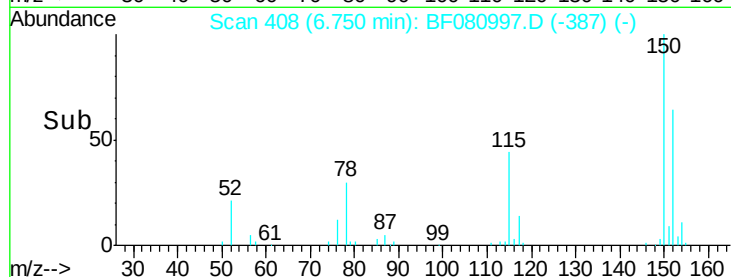
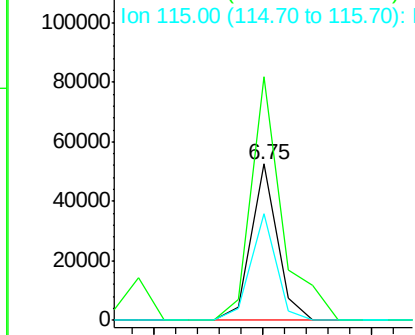
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.06 min
Lab File: BF080997.D
Acq: 14 Aug 2015 1:21

Instrument :
BNA_F
ClientSampled :
PB84967BS

Tot Ion:152 Resp: 44134
Ion Ratio Lower Upper
152 100
150 155.9 127.4 191.2
115 68.2 52.6 78.8



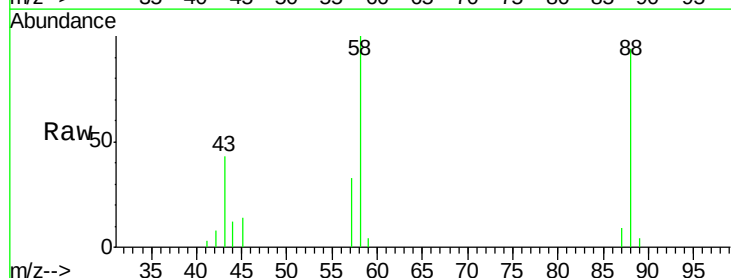
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



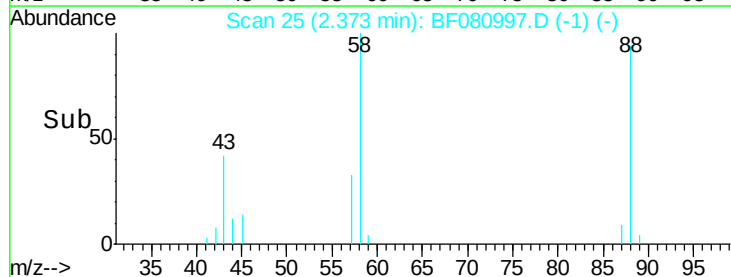
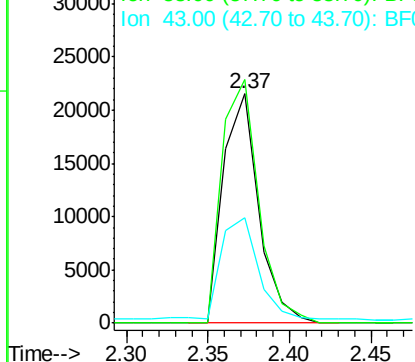
#2

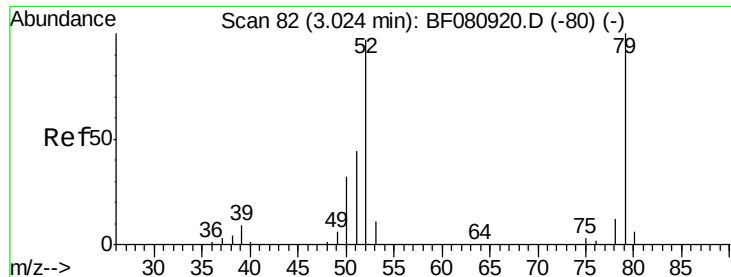
1,4-Dioxane
Concen: 25.20 ng
RT: 2.37 min Scan# 25
Delta R.T. 0.06 min
Lab File: BF080997.D
Acq: 14 Aug 2015 1:21

Tgt Ion: 88 Resp: 32288
Ion Ratio Lower Upper
88 100
58 110.1 79.3 118.9
43 49.4 28.3 42.5#



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

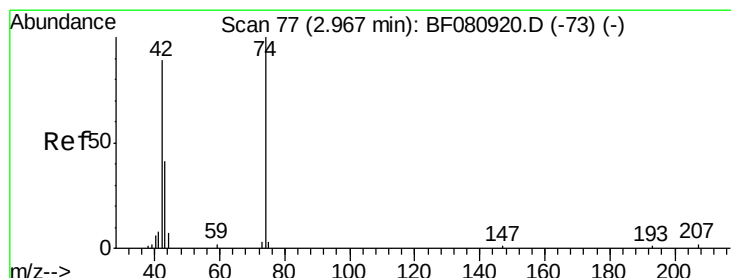
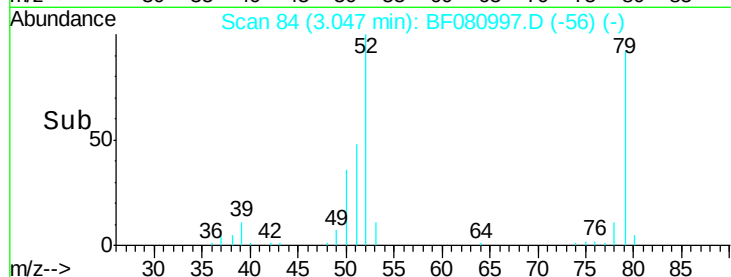
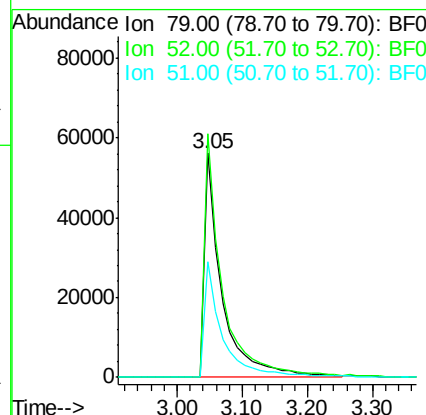
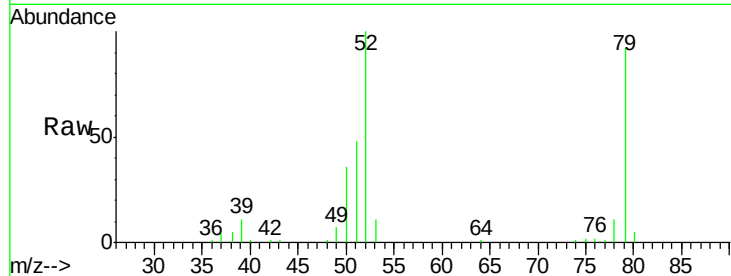




#3
 Pvrindine
 Concen: 28.80 ng
 RT: 3.05 min Scan# 84
 Delta R.T. 0.02 min
 Lab File: BF080997.D
 Acq: 14 Aug 2015 1:21

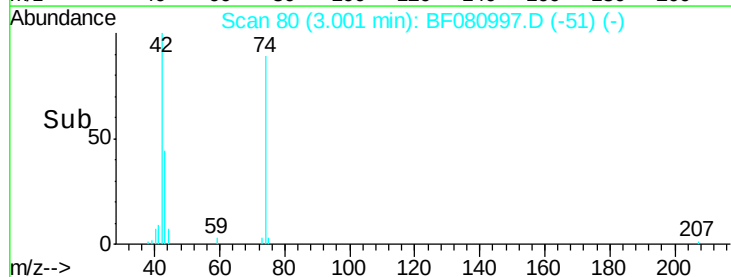
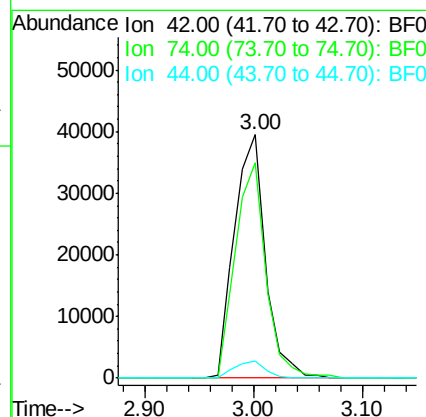
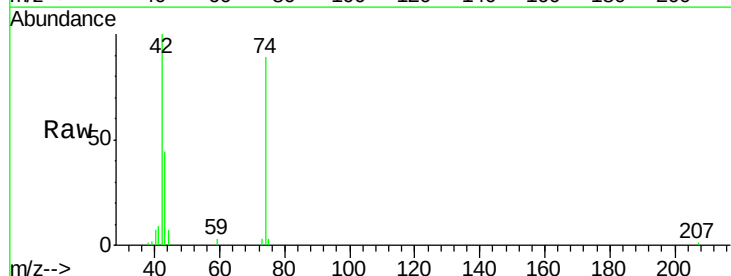
Instrument :
 BNA_F
 ClientSampleId :
 PB84967BS

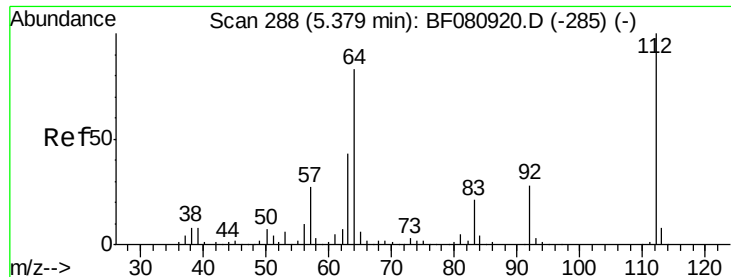
Tot Ion: 79 Resp: 104657
 Ion Ratio Lower Upper
 79 100
 52 108.8 77.2 115.8
 51 51.9 35.0 52.4



#4
 n-Nitrosodimethylamine
 Concen: 41.84 ng
 RT: 3.00 min Scan# 80
 Delta R.T. 0.03 min
 Lab File: BF080997.D
 Acq: 14 Aug 2015 1:21

Tgt Ion: 42 Resp: 77607
 Ion Ratio Lower Upper
 42 100
 74 88.7 89.8 134.8#
 44 7.2 6.5 9.7





#5

2-Fluorophenol

Concen: 126.03 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF080997.D

Acq: 14 Aug 2015 1:21

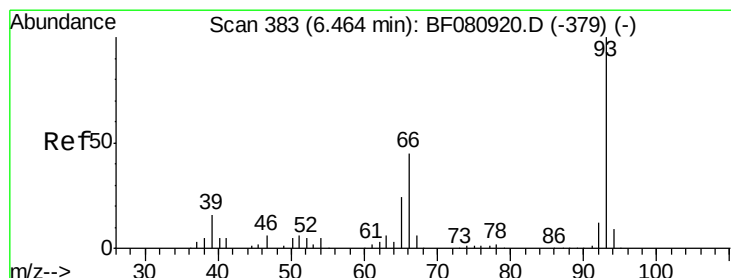
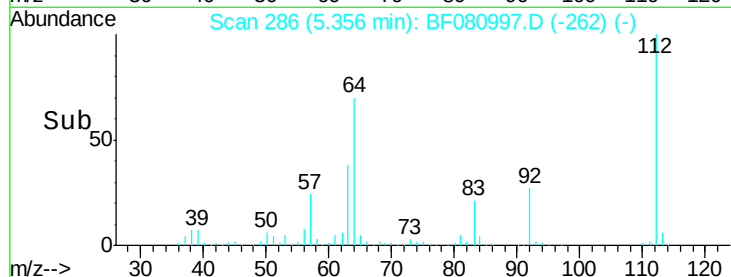
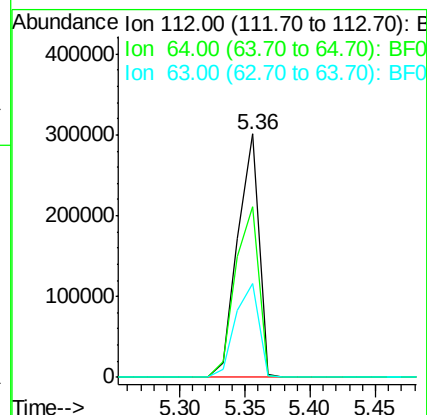
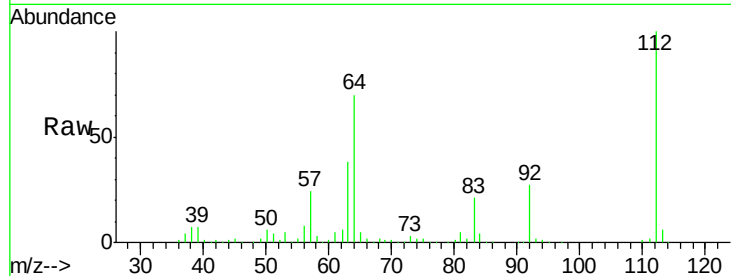
Instrument :

BNA_F

ClientSampleId :

PB84967BS

Tot Ion:	112	Resp:	340431
Ion	Ratio	Lower	Upper
112	100		
64	70.3	66.1	99.1
63	38.4	34.6	52.0



#6

Aniline

Concen: 23.05 ng

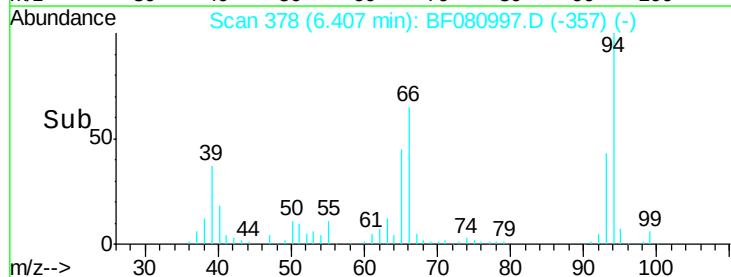
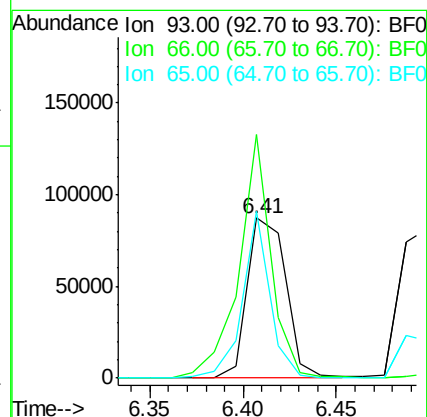
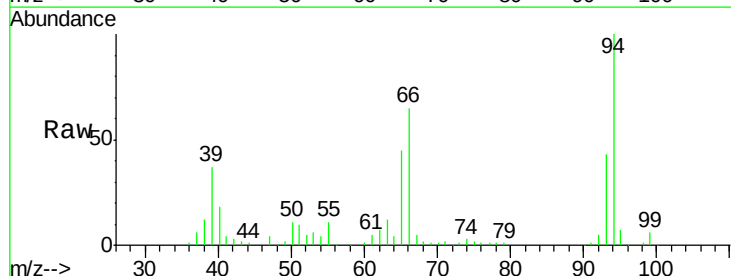
RT: 6.41 min Scan# 378

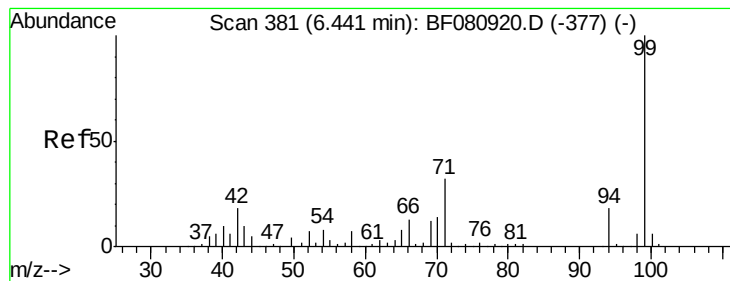
Delta R.T. -0.06 min

Lab File: BF080997.D

Acq: 14 Aug 2015 1:21

Tgt Ion:	93	Resp:	125339
Ion	Ratio	Lower	Upper
93	100		
66	152.1	36.2	54.4#
65	104.6	19.0	28.4#





#7

Phenol-d6

Concen: 114.95 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF080997.D

Acq: 14 Aug 2015 1:21

Instrument :

BNA_F

ClientSampleId :

PB84967BS

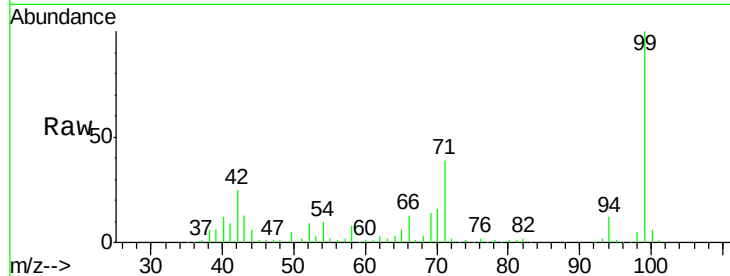
Tot Ion: 99 Resp: 425475

Ion Ratio Lower Upper

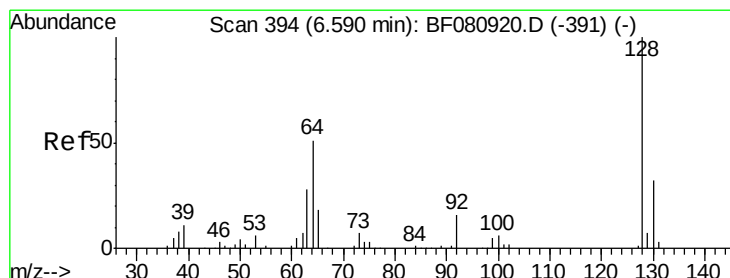
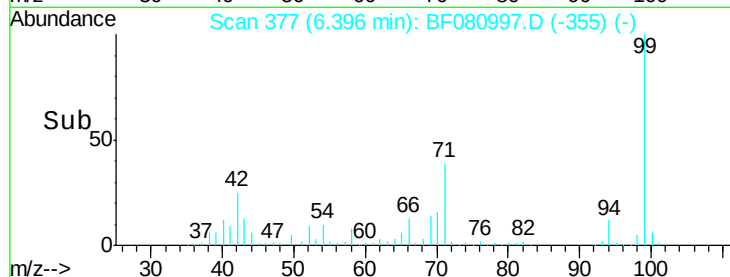
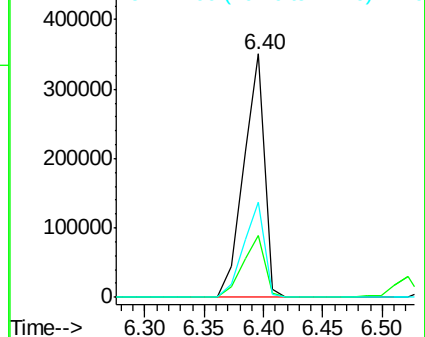
99 100

42 25.2 14.4 21.6#

71 39.1 25.8 38.8#



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: 33.48 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.06 min

Lab File: BF080997.D

Acq: 14 Aug 2015 1:21

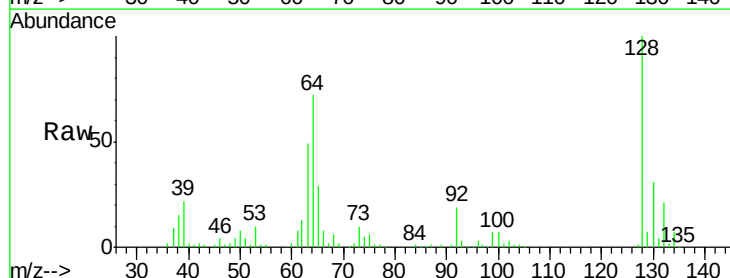
Tgt Ion: 128 Resp: 104646

Ion Ratio Lower Upper

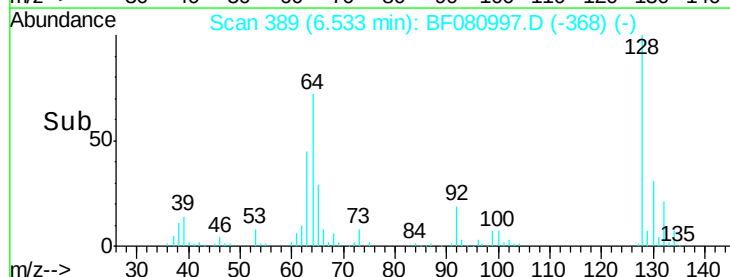
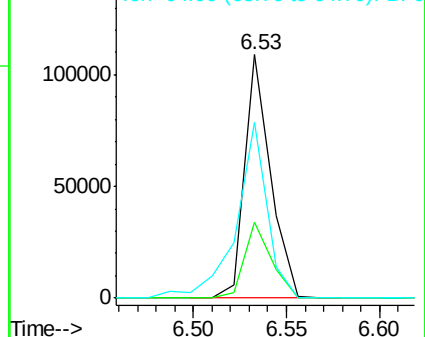
128 100

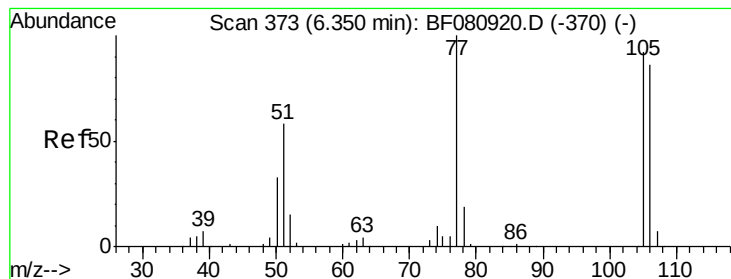
130 31.3 12.4 52.4

64 72.2 32.1 72.1#



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: 28.16 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.06 min

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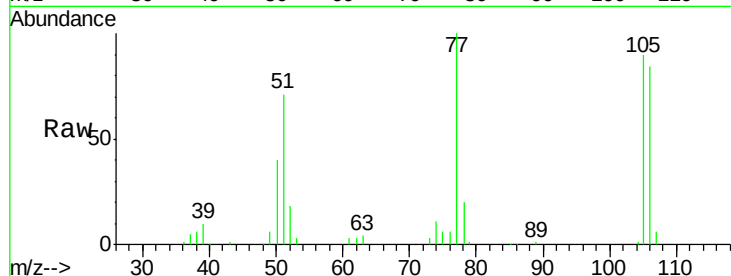
Tot Ion: 77 Resp: 70269

Ion Ratio Lower Upper

77 100

105 90.0 71.6 111.6

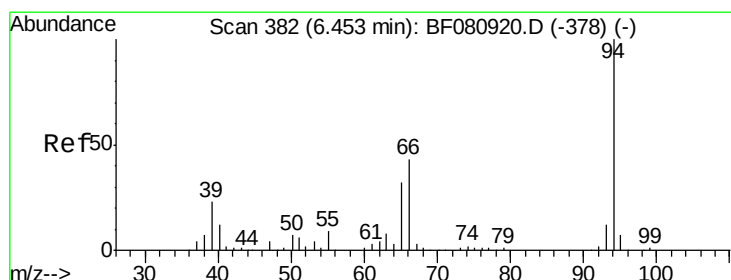
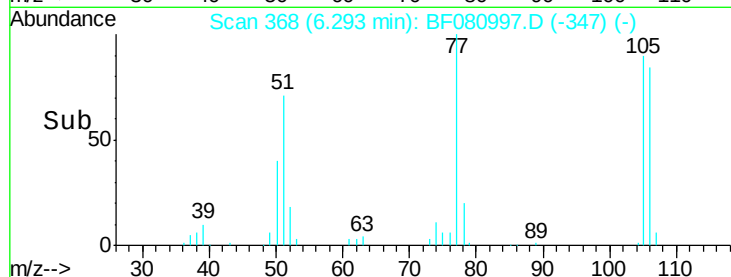
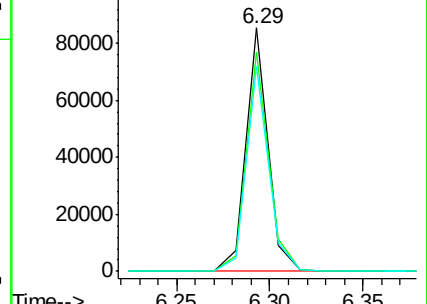
106 84.1 65.7 105.7



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: 40.34 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.05 min

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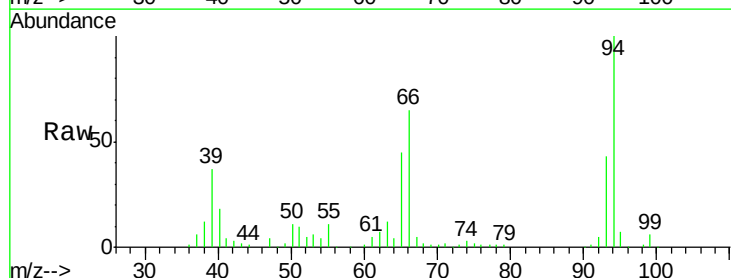
Tgt Ion: 94 Resp: 177146

Ion Ratio Lower Upper

94 100

65 44.9 11.8 51.8

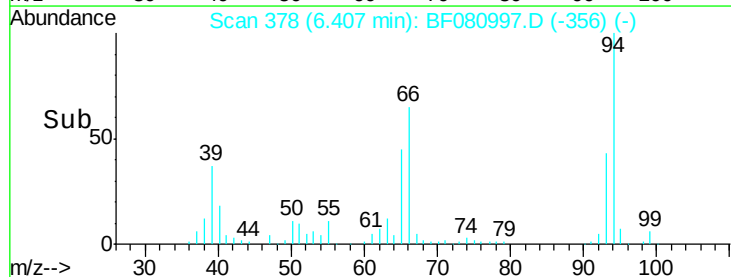
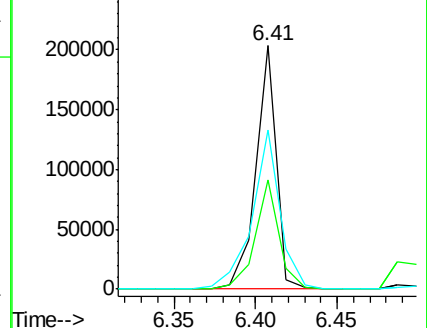
66 65.2 22.9 62.9#

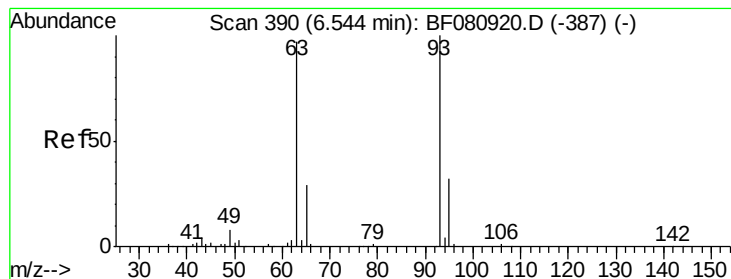


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 32.68 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.05 min

Lab File: BF080997.D

Acq: 14 Aug 2015 1:21

Instrument :

BNA_F

ClientSampleId :

PB84967BS

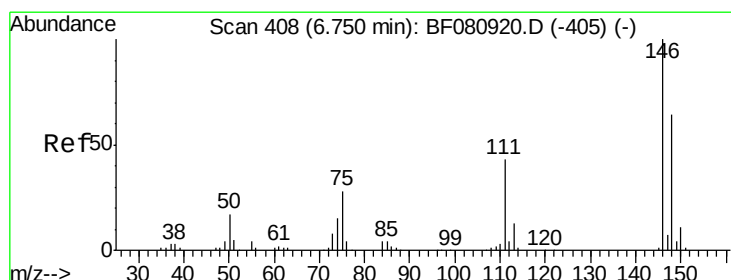
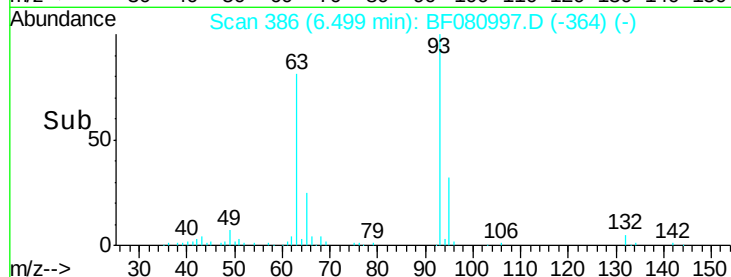
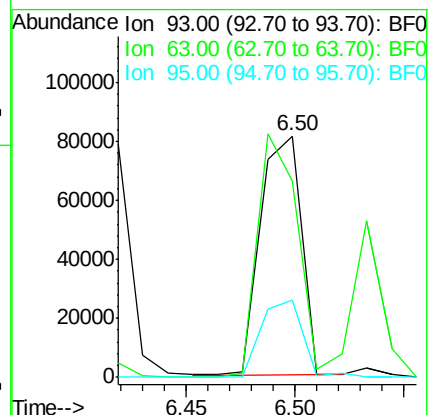
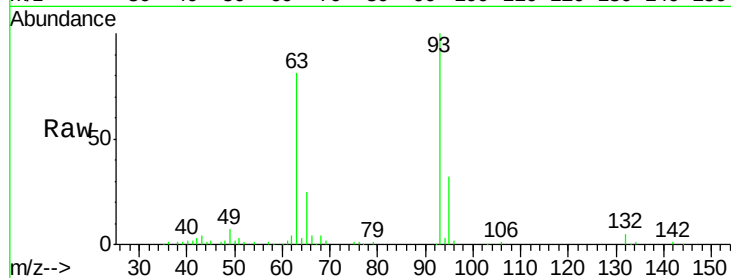
Tot Ion: 93 Resp: 107146

Ion Ratio Lower Upper

93 100

63 81.2 76.7 116.7

95 31.7 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 35.14 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.06 min

Lab File: BF080997.D

Acq: 14 Aug 2015 1:21

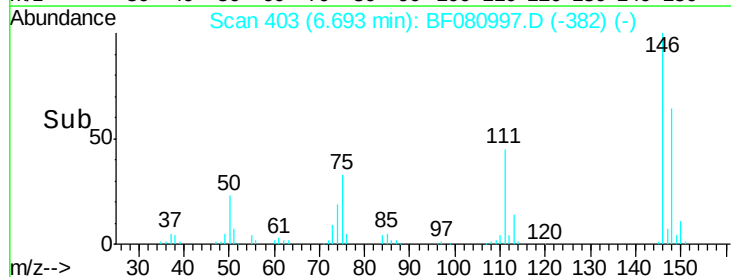
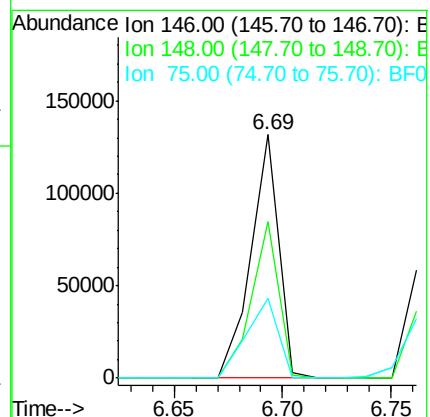
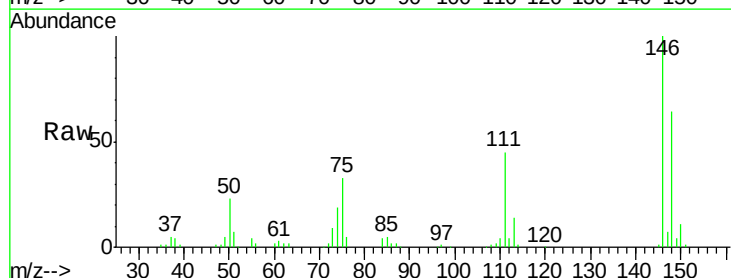
Tgt Ion: 146 Resp: 116568

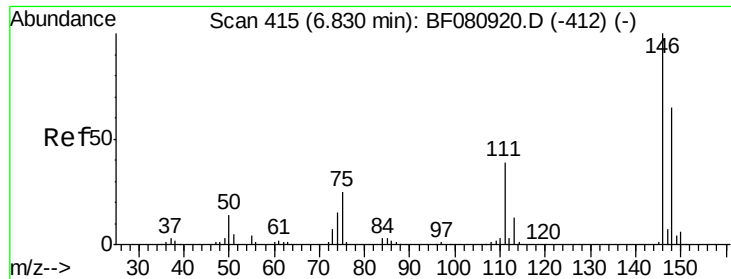
Ion Ratio Lower Upper

146 100

148 64.4 51.4 77.0

75 33.0 22.2 33.4

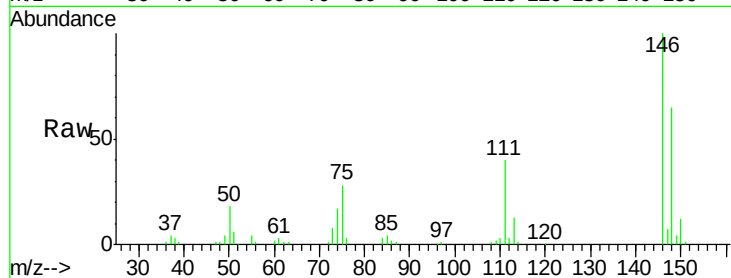




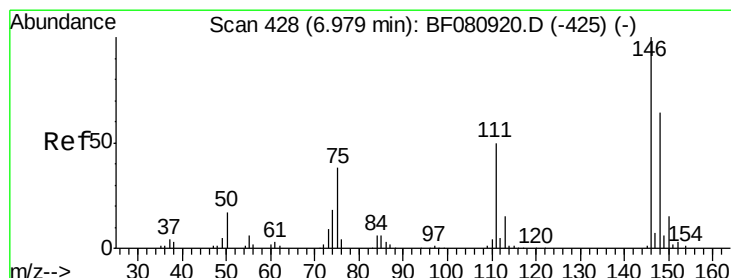
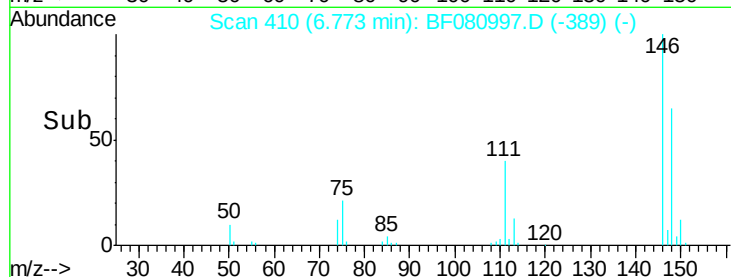
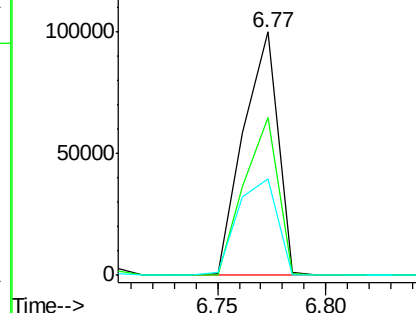
#13
 1,4-Dichlorobenzene
 Concen: 31.84 ng
 RT: 6.77 min Scan# 410
 Delta R.T. -0.06 min
 Lab File: BF080997.D
 Acq: 14 Aug 2015 1:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84967BS

Tot Ion:146 Resp: 109755
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.2 78.4
 111 39.6 31.5 47.3

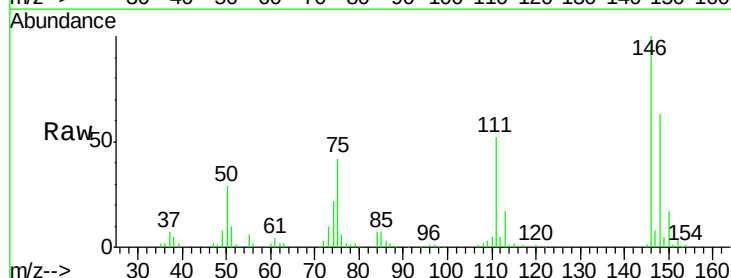


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

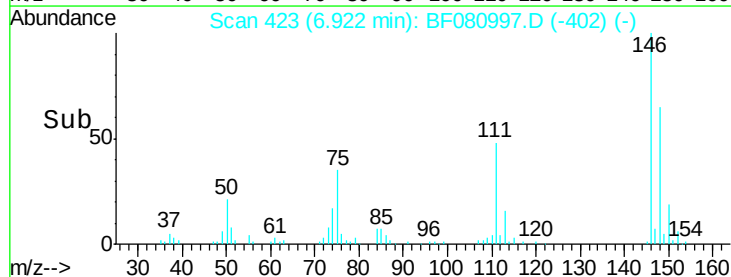
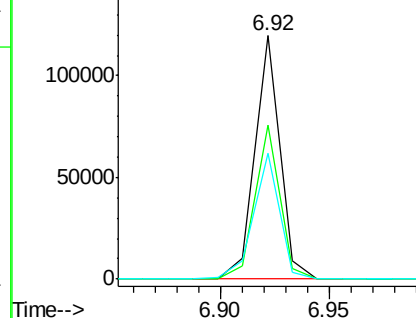


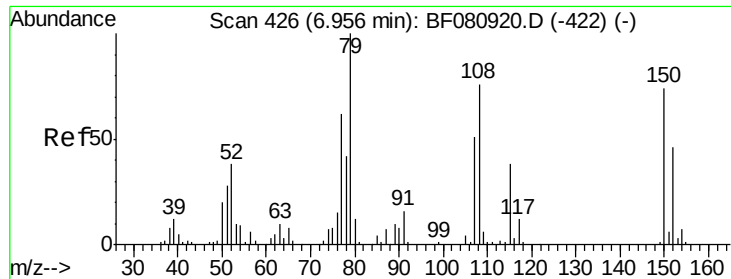
#14
 1,2-Dichlorobenzene
 Concen: 30.56 ng
 RT: 6.92 min Scan# 423
 Delta R.T. -0.06 min
 Lab File: BF080997.D
 Acq: 14 Aug 2015 1:21

Tgt Ion:146 Resp: 95229
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.1 76.7
 111 51.6 40.0 60.0



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

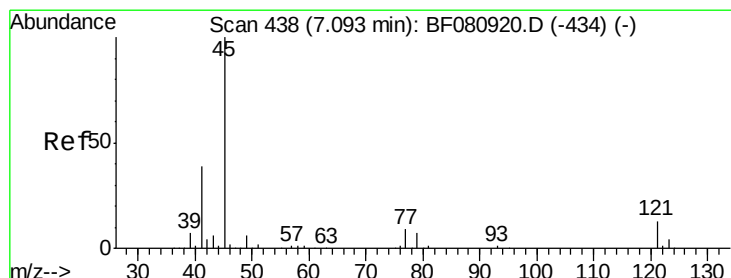
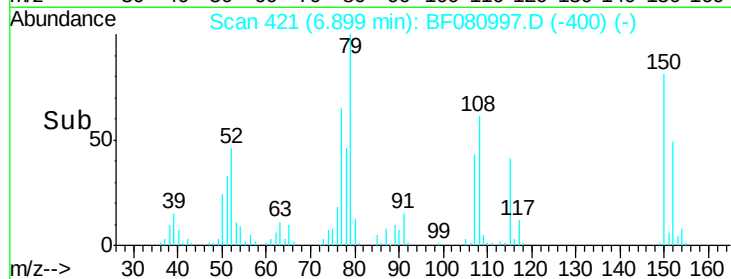
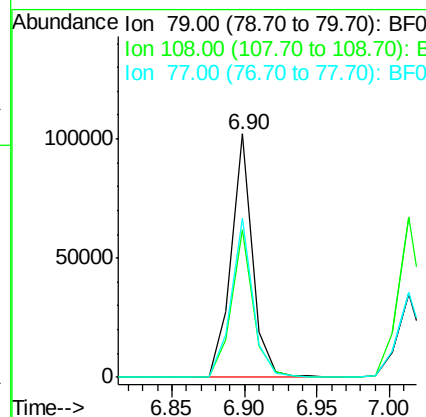
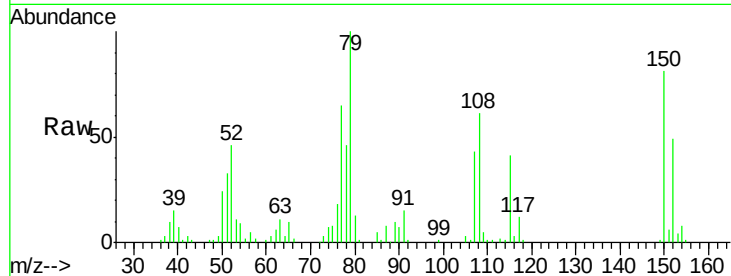




#15
Benzyl Alcohol
Concen: 34.65 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.06 min
Lab File: BF080997.D
Acq: 14 Aug 2015 1:21

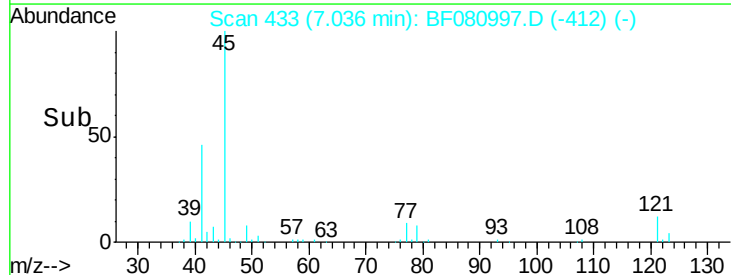
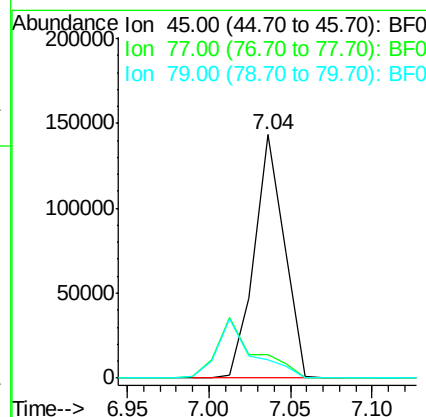
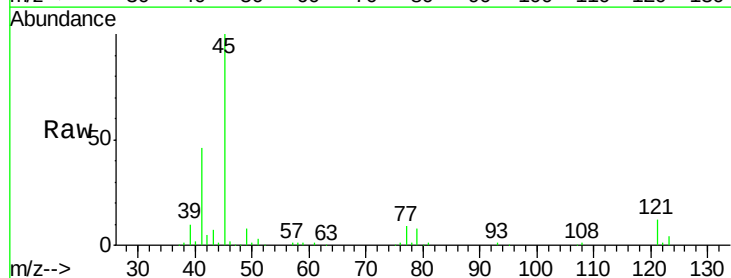
Instrument :
BNA_F
ClientSampled :
PB84967BS

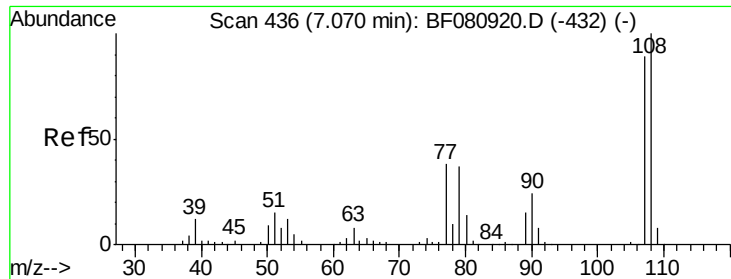
Tot Ion: 79 Resp: 104967
Ion Ratio Lower Upper
79 100
108 60.8 60.9 91.3#
77 65.3 49.4 74.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 27.77 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.06 min
Lab File: BF080997.D
Acq: 14 Aug 2015 1:21

Tgt Ion: 45 Resp: 183213
Ion Ratio Lower Upper
45 100
77 9.4 0.0 29.6
79 7.5 0.0 27.7

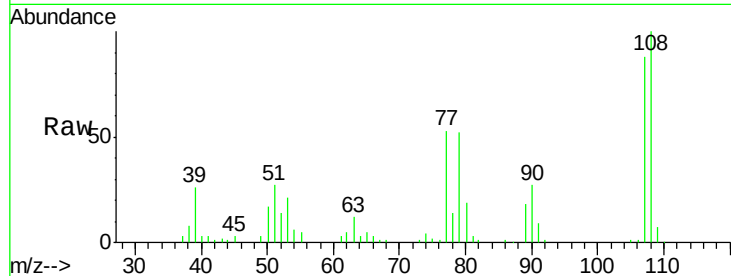




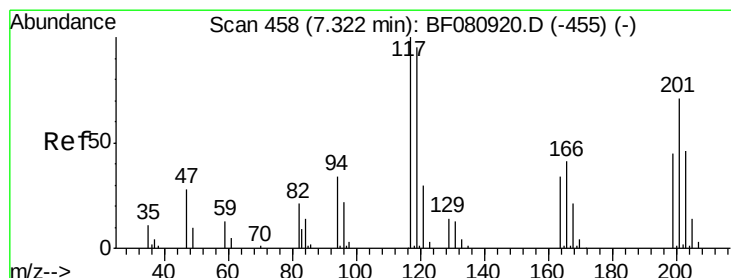
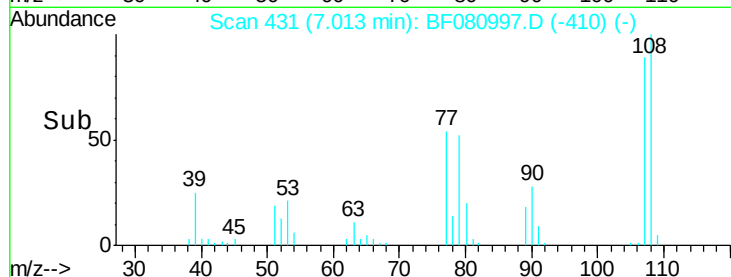
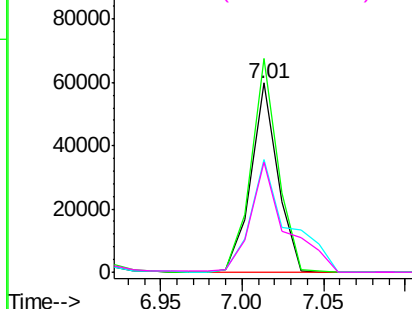
#17
2-Methylphenol
Concen: 25.66 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.06 min
Lab File: BF080997.D
Acq: 14 Aug 2015 1:21

Instrument :
BNA_F
ClientSampleId :
PB84967BS

Tot Ion:107 Resp: 68471
Ion Ratio Lower Upper
107 100
108 113.1 90.3 135.5
77 59.9 34.6 51.8#
79 58.4 33.6 50.4#

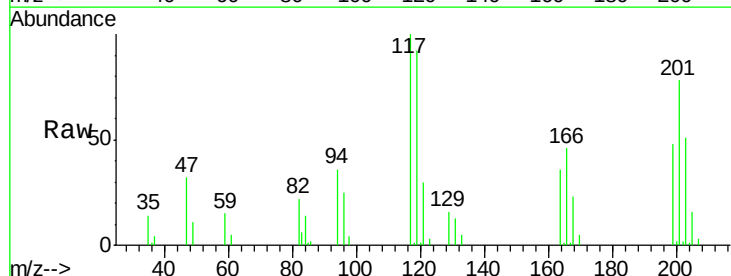


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

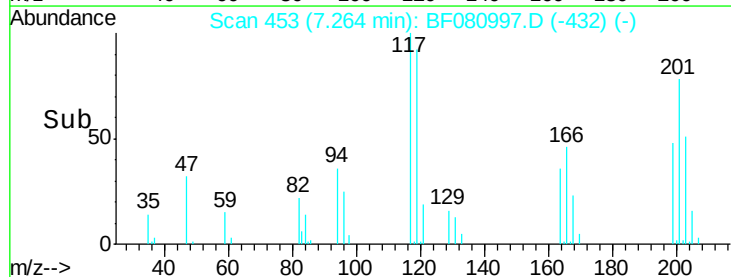
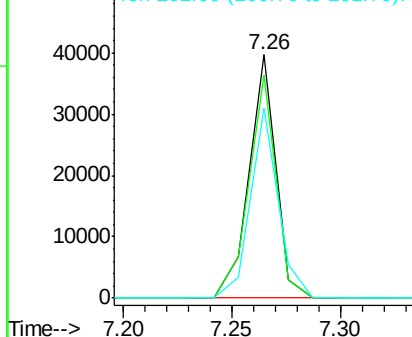


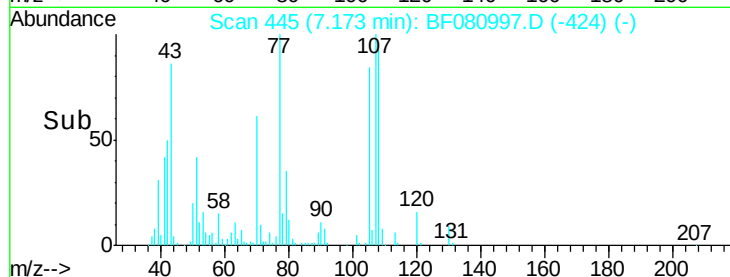
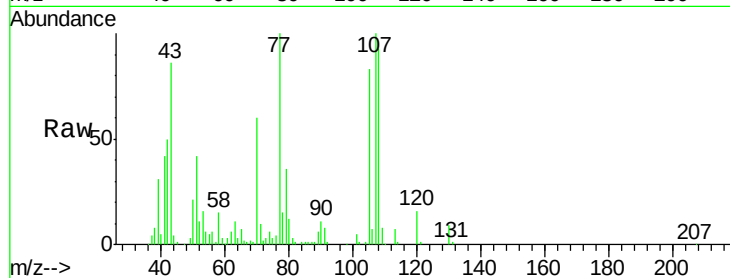
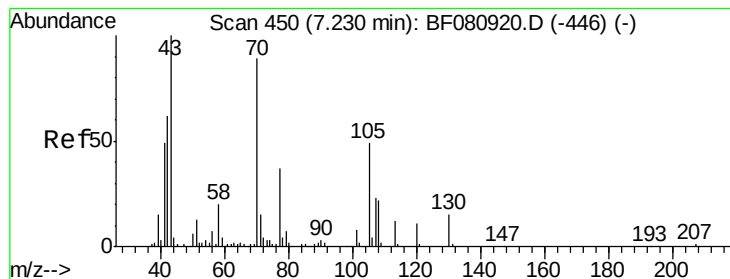
#18
Hexachloroethane
Concen: 25.73 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.06 min
Lab File: BF080997.D
Acq: 14 Aug 2015 1:21

Tgt Ion:117 Resp: 33978
Ion Ratio Lower Upper
117 100
119 91.5 76.3 114.5
201 78.1 57.0 85.6



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: 25.89 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.06 min

Lab File: BF080997.D

Acq: 14 Aug 2015 1:21

Instrument :

BNA_F

ClientSampleId :

PB84967BS

Tot Ion: 70 Resp: 70042

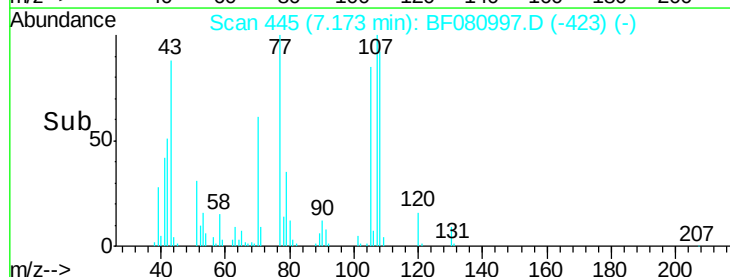
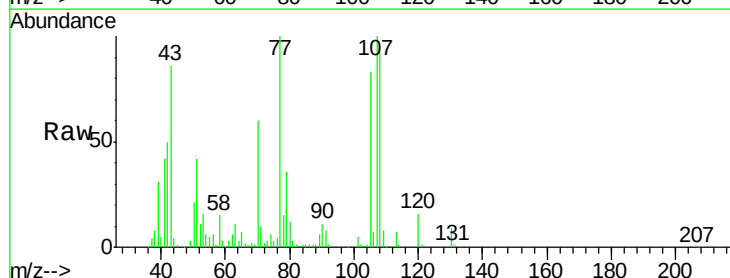
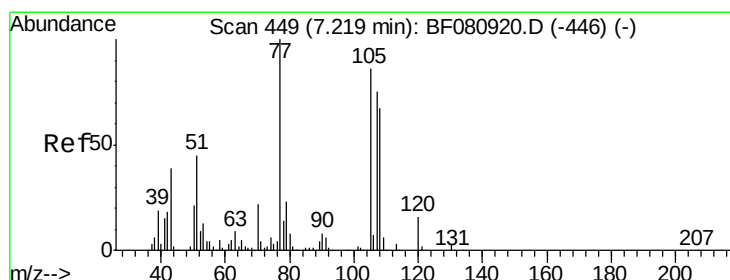
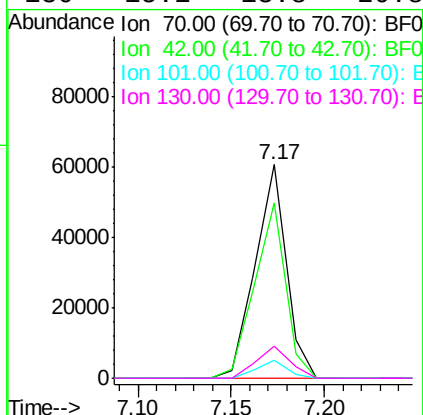
Ion Ratio Lower Upper

70 100

42 82.4 55.7 83.5

101 8.2 7.0 10.6

130 15.1 13.8 20.8



#20

3+4-Methylphenols

Concen: 29.94 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.05 min

Lab File: BF080997.D

Acq: 14 Aug 2015 1:21

Tgt Ion:107 Resp: 100330

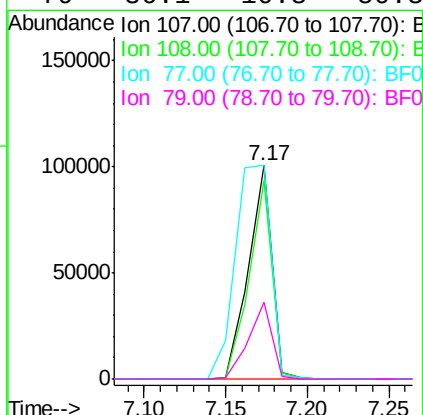
Ion Ratio Lower Upper

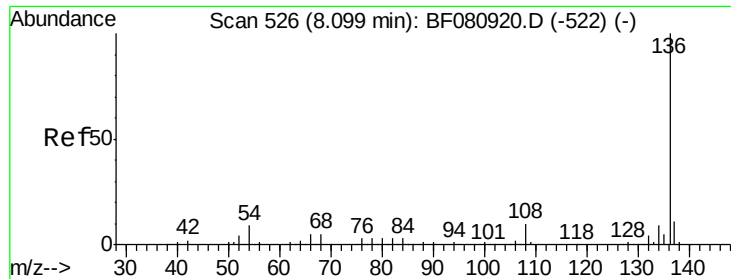
107 100

108 93.0 69.2 109.2

77 100.0 113.0 153.0#

79 36.1 10.3 50.3

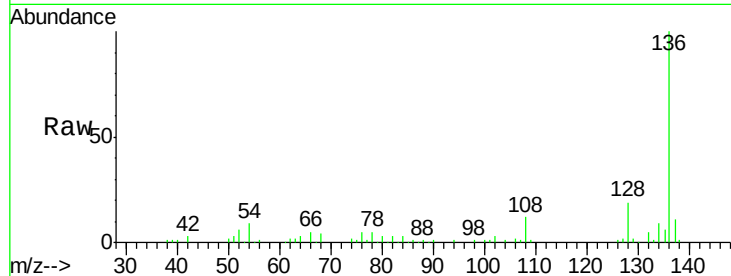




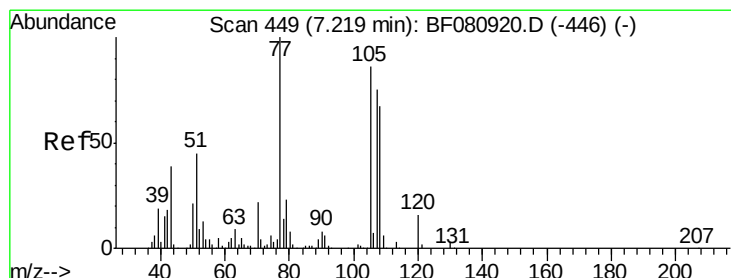
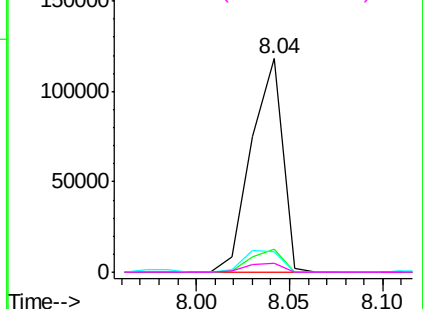
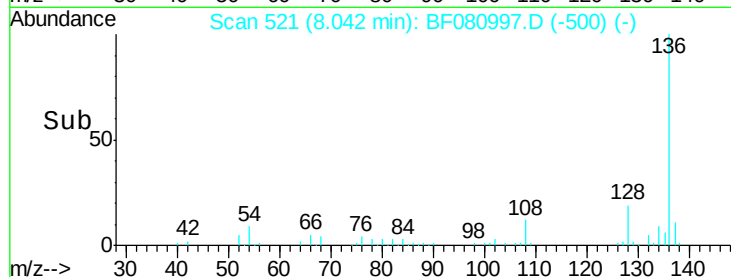
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.06 min
Lab File: BF080997.D
Acq: 14 Aug 2015 1:21

Instrument :
BNA_F
ClientSampleId :
PB84967BS

Tot Ion:136	Resp:	139858
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.5 12.7
54	9.5	7.1 10.7
68	4.1	3.8 5.8

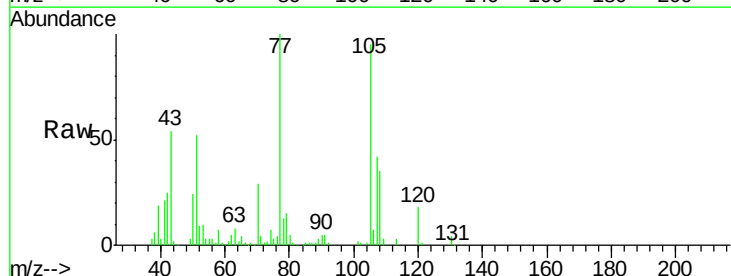


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

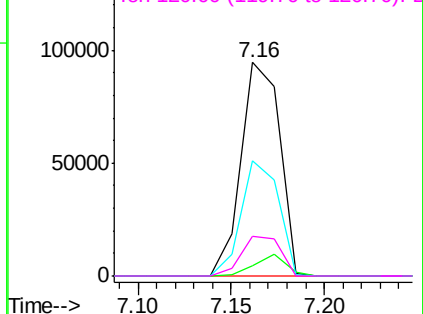
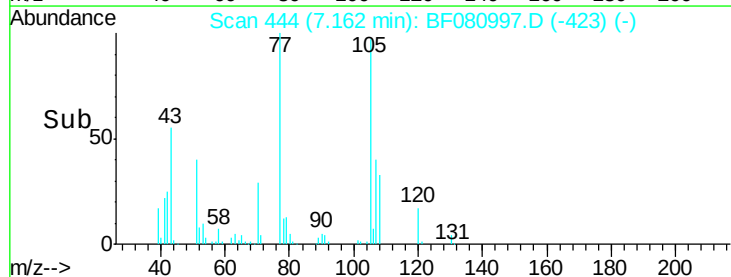


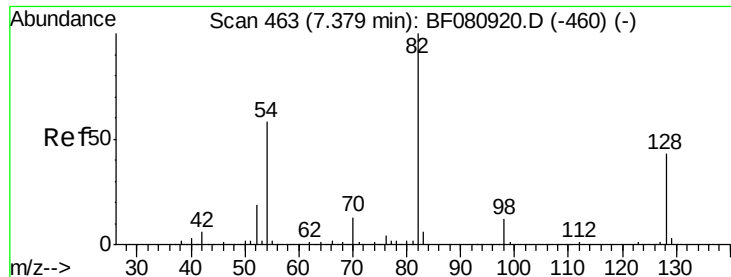
#22
Acetophenone
Concen: 39.64 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.06 min
Lab File: BF080997.D
Acq: 14 Aug 2015 1:21

Tgt Ion:105	Resp:	135826
Ion Ratio	Lower	Upper
105	100	
71	4.7	3.3 4.9
51	54.1	41.8 62.6
120	18.7	15.1 22.7



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

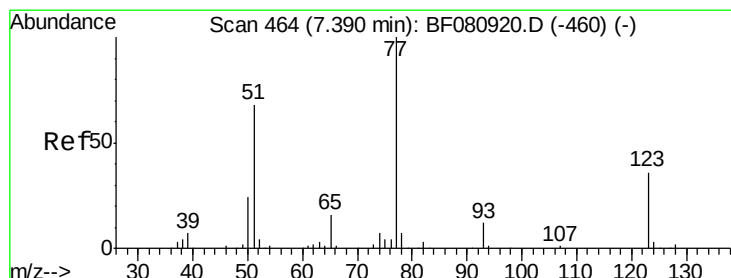
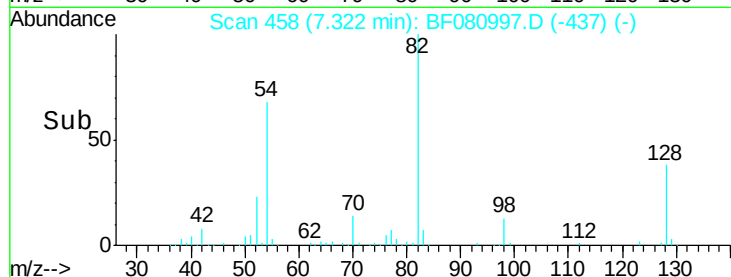
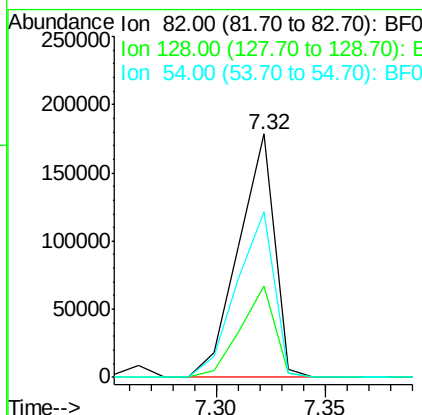
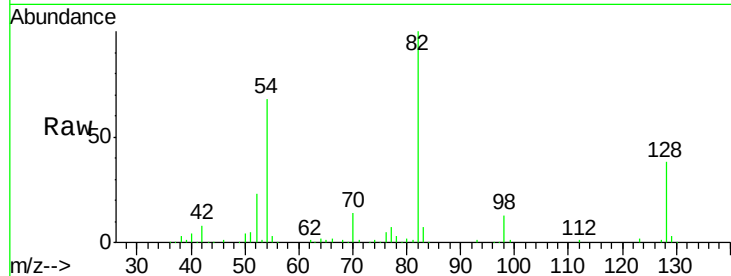




#23
 Nitrobenzene-d5
 Concen: 69.31 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.06 min
 Lab File: BF080997.D
 Acq: 14 Aug 2015 1:21

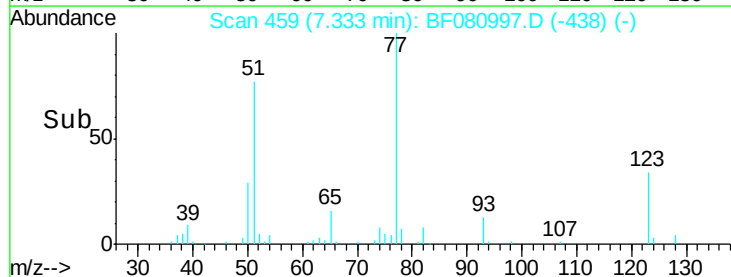
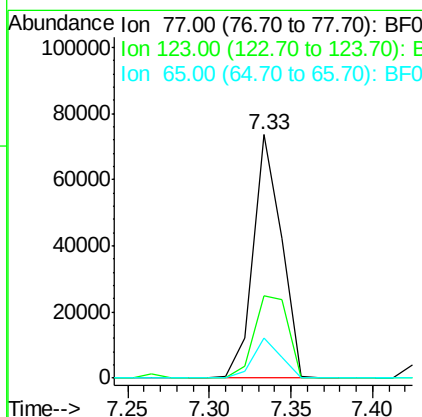
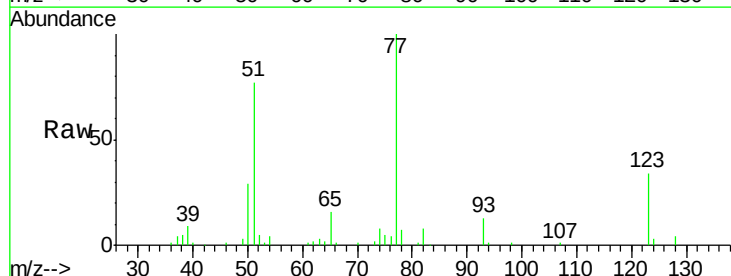
Instrument :
 BNA_F
 ClientSampleId :
 PB84967BS

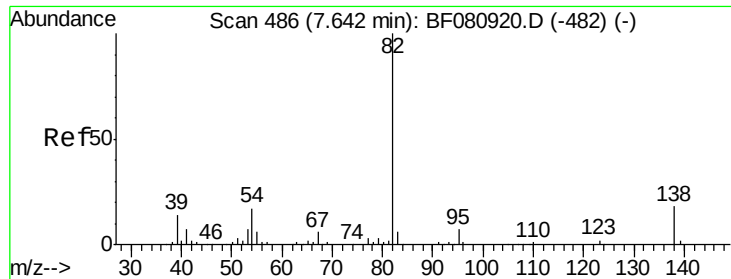
Tot Ion	82	Resp	204927
Ion Ratio	Lower	Upper	
82	100		
128	37.7	34.1	51.1
54	68.1	46.5	69.7



#24
 Nitrobenzene
 Concen: 29.05 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.06 min
 Lab File: BF080997.D
 Acq: 14 Aug 2015 1:21

Tgt Ion	77	Resp	88436
Ion Ratio	Lower	Upper	
77	100		
123	34.0	28.7	43.1
65	16.3	12.5	18.7





#25

Isophorone

Concen: 30.86 ng

RT: 7.58 min Scan# 481

Delta R.T. -0.06 min

Lab File: BF080997.D

Acq: 14 Aug 2015 1:21

Instrument :

BNA_F

ClientSampleId :

PB84967BS

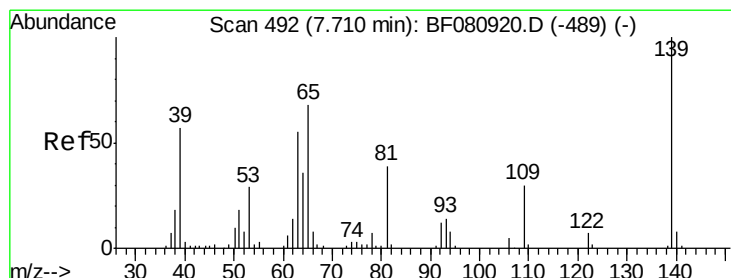
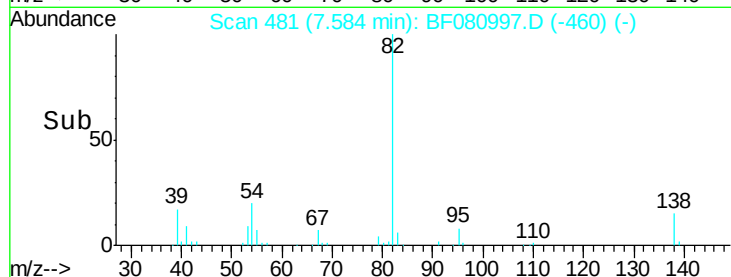
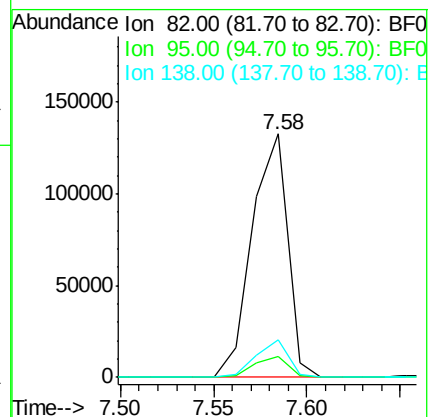
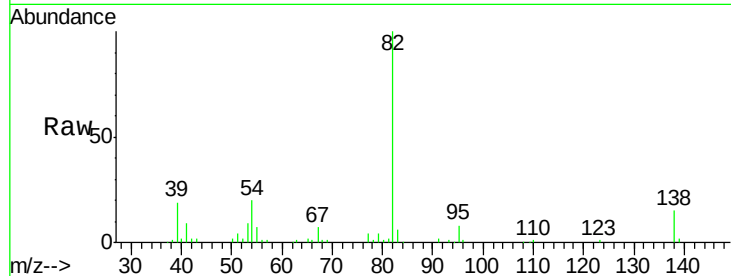
Tot Ion: 82 Resp: 175491

Ion Ratio Lower Upper

82 100

95 8.5 5.8 8.6

138 15.5 14.1 21.1



#26

2-Nitrophenol

Concen: 30.36 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.06 min

Lab File: BF080997.D

Acq: 14 Aug 2015 1:21

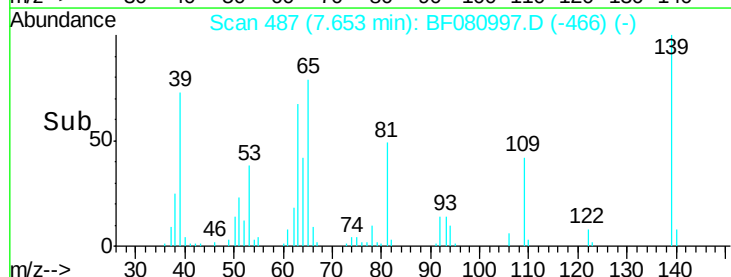
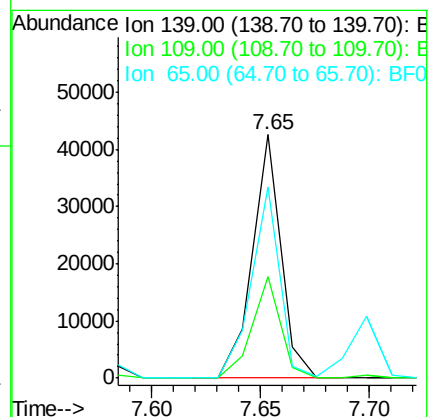
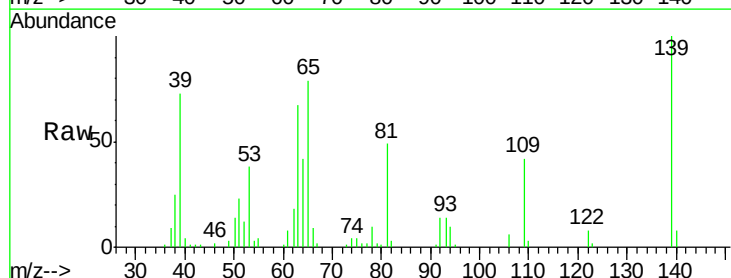
Tgt Ion: 139 Resp: 38896

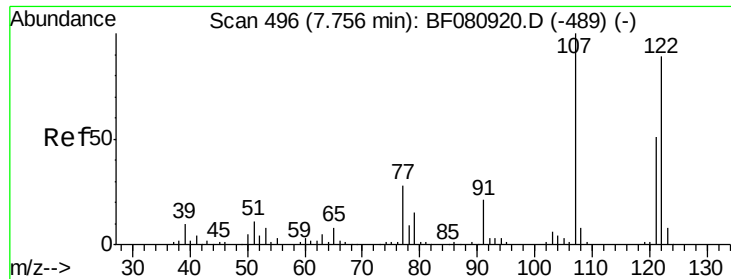
Ion Ratio Lower Upper

139 100

109 41.8 24.1 36.1#

65 78.6 54.0 81.0

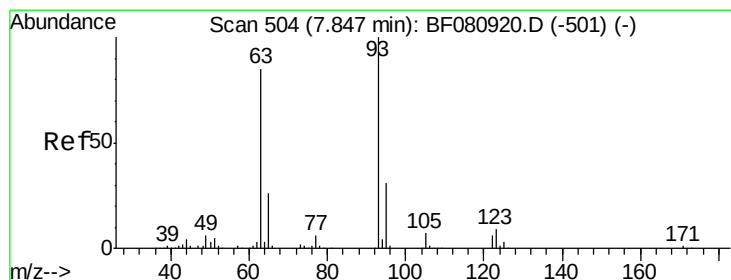
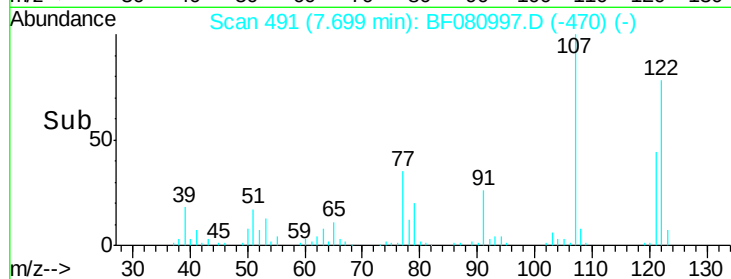
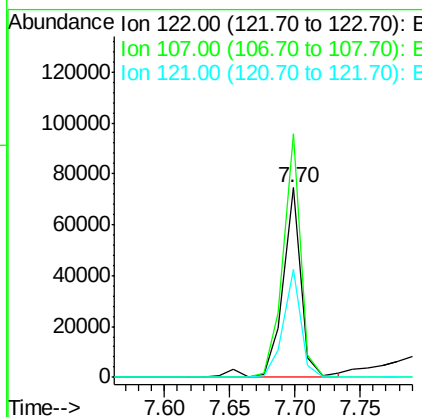
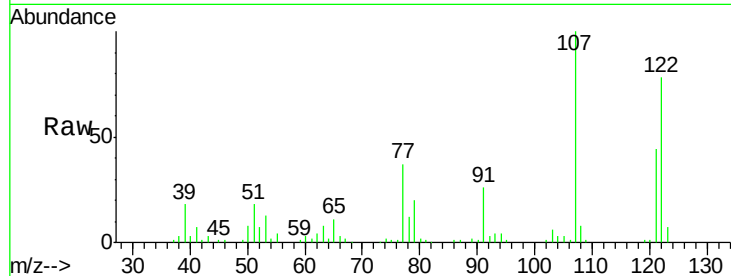




#27
 2,4-Dimethylphenol
 Concen: 31.22 ng
 RT: 7.70 min Scan# 491
 Delta R.T. -0.06 min
 Lab File: BF080997.D
 Acq: 14 Aug 2015 1:21

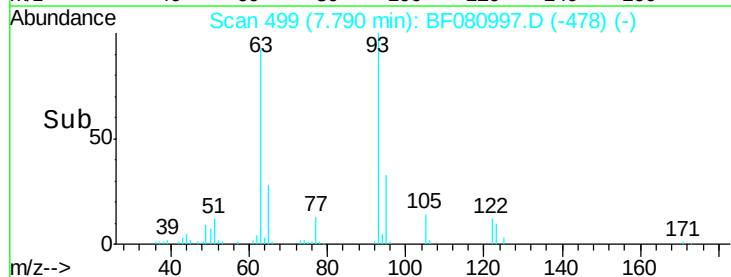
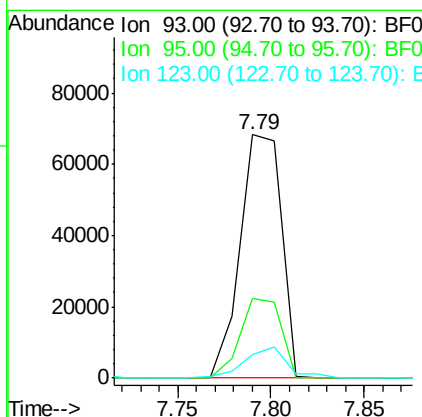
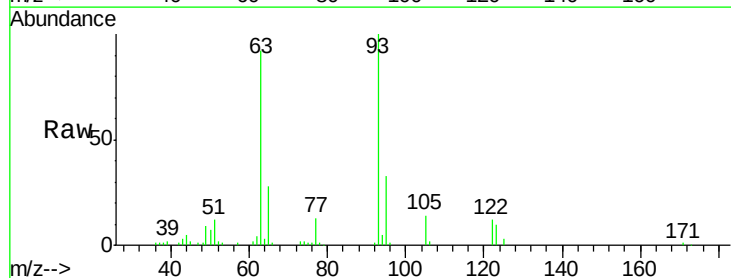
Instrument :
 BNA_F
 ClientSampleId :
 PB84967BS

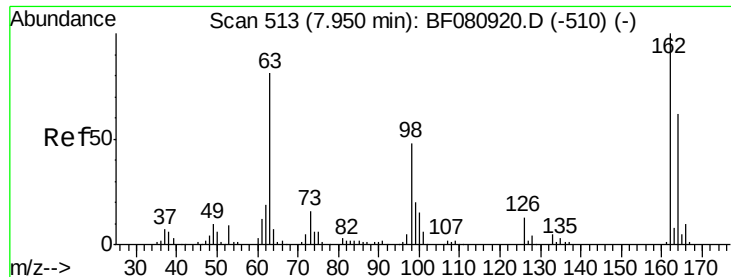
Tot Ion:122 Resp: 74880
 Ion Ratio Lower Upper
 122 100
 107 128.5 90.2 135.4
 121 56.8 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 30.74 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.06 min
 Lab File: BF080997.D
 Acq: 14 Aug 2015 1:21

Tgt Ion: 93 Resp: 104931
 Ion Ratio Lower Upper
 93 100
 95 32.7 25.0 37.4
 123 9.8 7.4 11.0

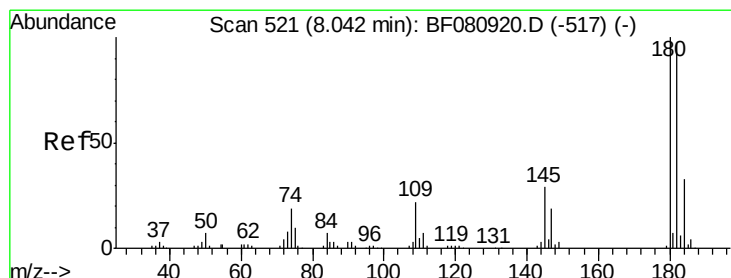
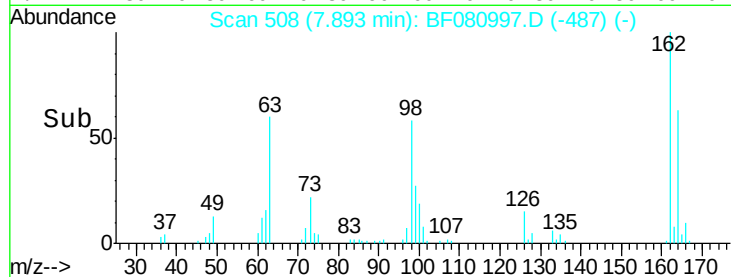
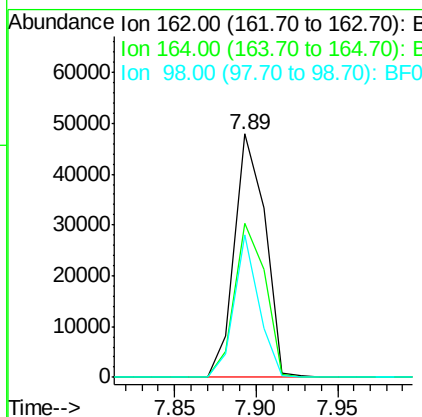
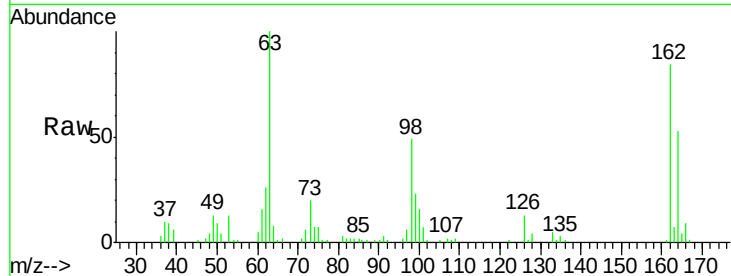




#29
 2,4-Dichlorophenol
 Concen: 31.53 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.06 min
 Lab File: BF080997.D
 Acq: 14 Aug 2015 1:21

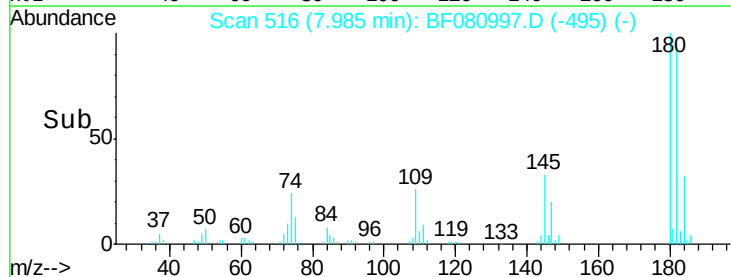
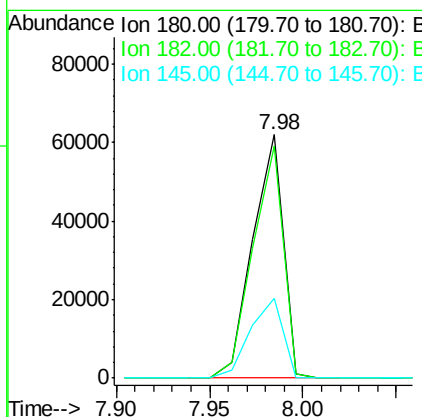
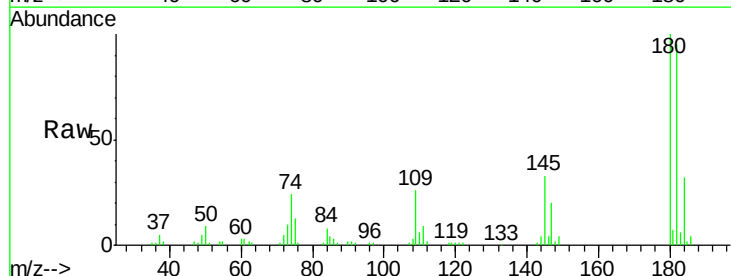
Instrument :
 BNA_F
 ClientSampleId :
 PB84967BS

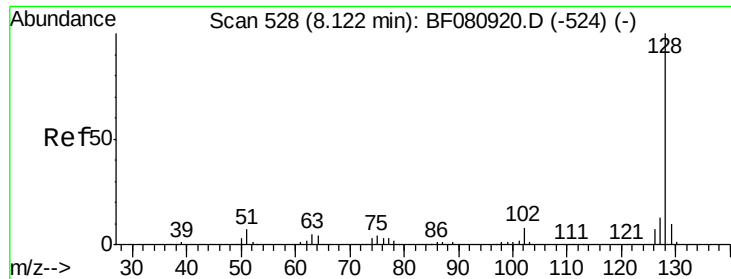
Tot Ion:162 Resp: 62132
 Ion Ratio Lower Upper
 162 100
 164 63.2 42.3 82.3
 98 58.5 27.7 67.7



#30
 1,2,4-Trichlorobenzene
 Concen: 32.68 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.06 min
 Lab File: BF080997.D
 Acq: 14 Aug 2015 1:21

Tgt Ion:180 Resp: 70390
 Ion Ratio Lower Upper
 180 100
 182 95.3 77.4 116.0
 145 32.7 23.2 34.8

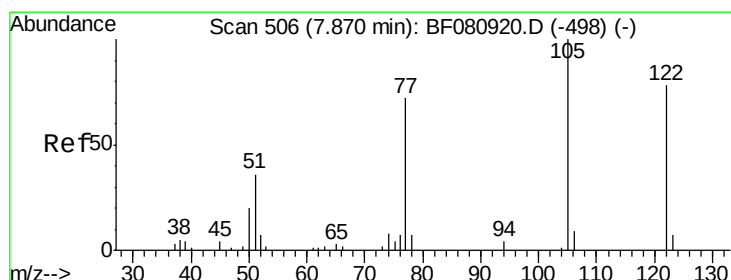
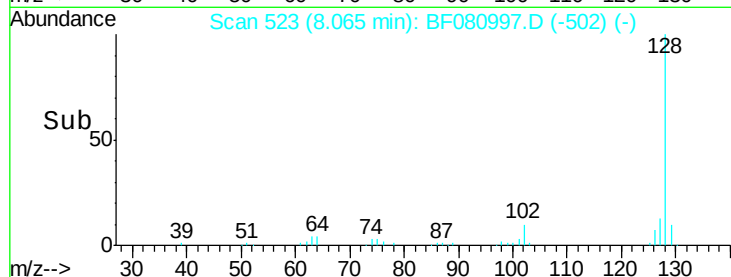
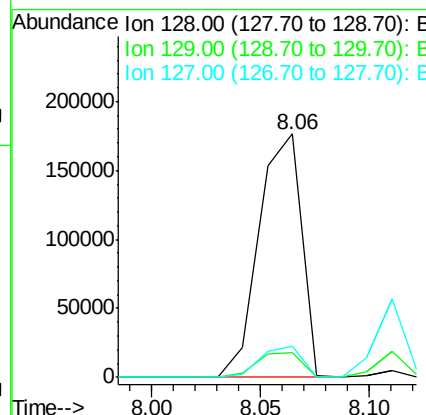
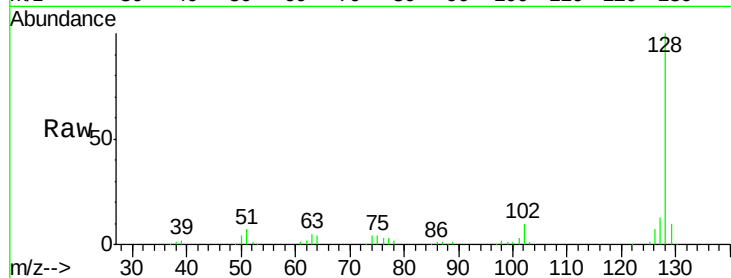




#31
Naphthalene
Concen: 31.44 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.06 min
Lab File: BF080997.D
Acq: 14 Aug 2015 1:21

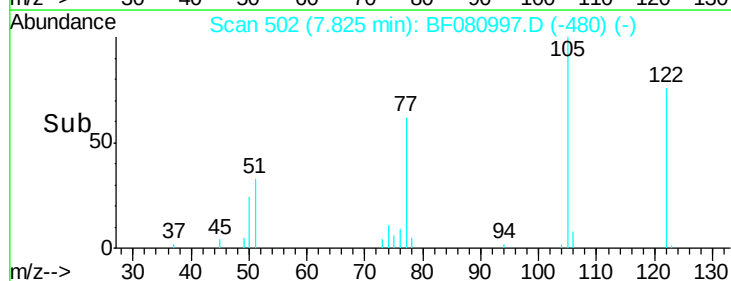
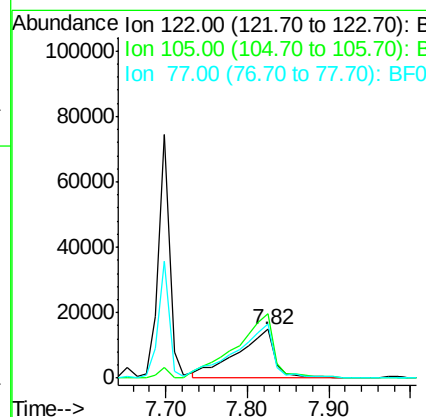
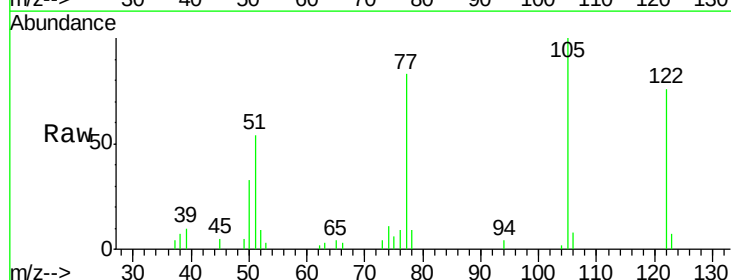
Instrument :
BNA_F
ClientSampleId :
PB84967BS

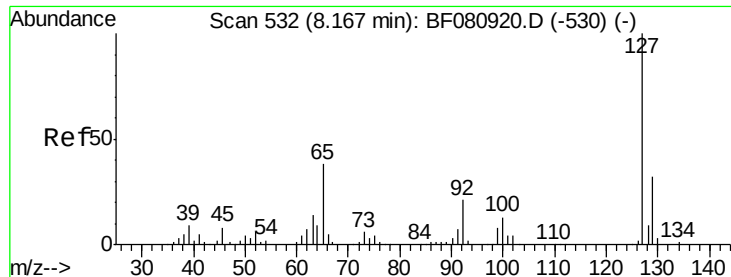
Tot Ion:128 Resp: 242334
Ion Ratio Lower Upper
128 100
129 10.3 8.4 12.6
127 12.6 10.5 15.7



#32
Benzoic acid
Concen: 33.60 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.05 min
Lab File: BF080997.D
Acq: 14 Aug 2015 1:21

Tgt Ion:122 Resp: 48246
Ion Ratio Lower Upper
122 100
105 132.1 103.6 143.6
77 110.1 70.4 110.4

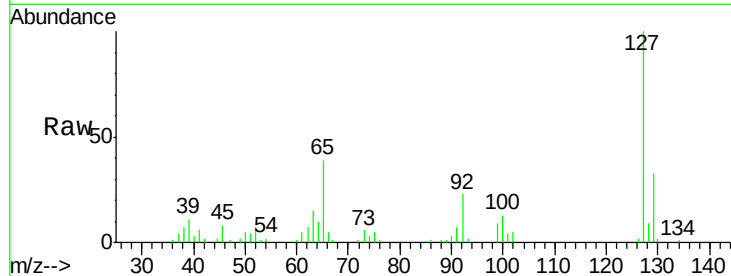




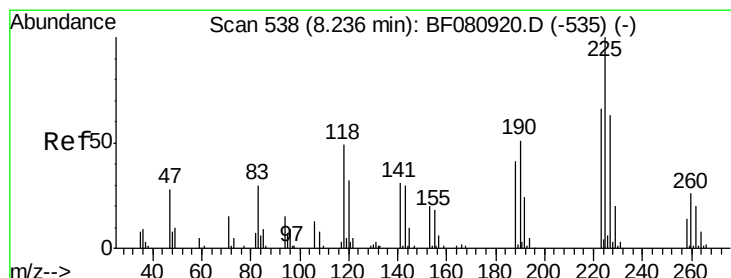
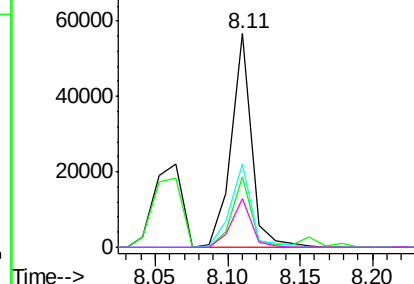
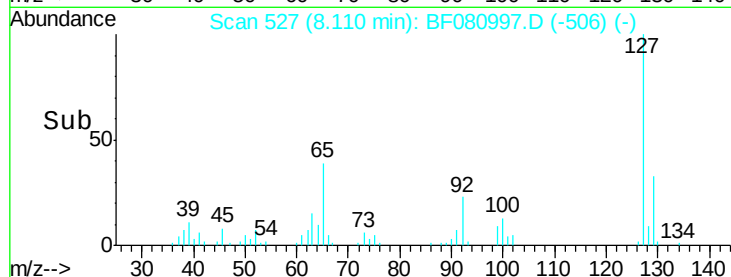
#33
4-Chloroaniline
Concen: 17.66 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.06 min
Lab File: BF080997.D
Acq: 14 Aug 2015 1:21

Instrument :
BNA_F
ClientSampleId :
PB84967BS

Tot Ion:127	Resp:	55316
Ion Ratio	Lower	Upper
127 100		
129 32.9	25.9	38.9
65 38.9	30.6	45.8
92 22.9	16.9	25.3

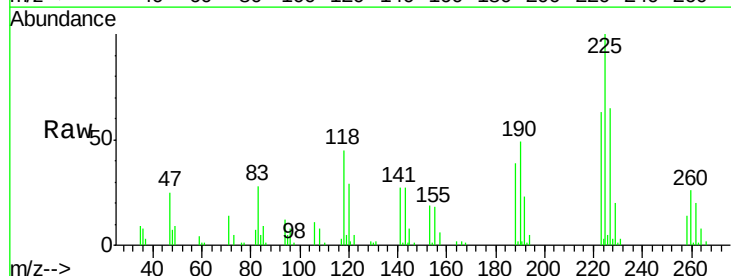


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

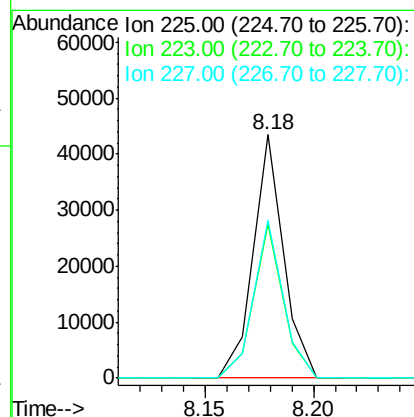
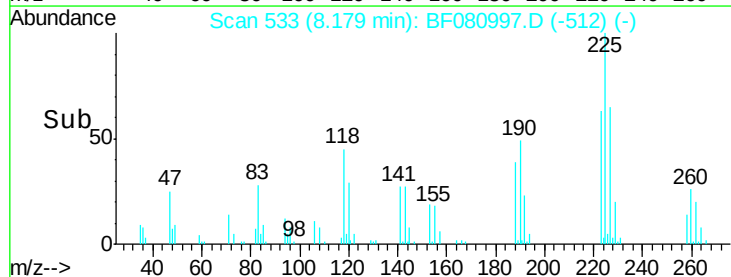


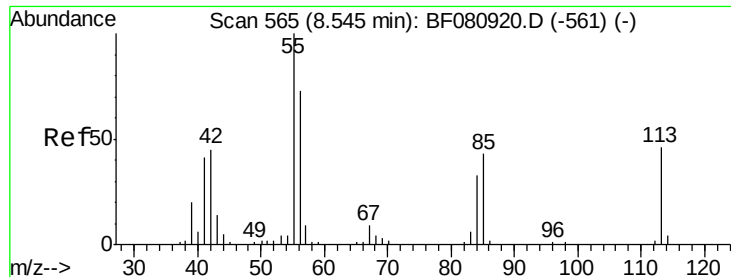
#34
Hexachlorobutadiene
Concen: 32.92 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.06 min
Lab File: BF080997.D
Acq: 14 Aug 2015 1:21

Tgt Ion:225	Resp:	42187
Ion Ratio	Lower	Upper
225 100		
223 63.5	52.5	78.7
227 64.9	50.3	75.5



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: 24.62 ng

RT: 8.49 min Scan# 560

Delta R.T. -0.06 min

Lab File: BF080997.D

Acq: 14 Aug 2015 1:21

Instrument :

BNA_F

ClientSampleId :

PB84967BS

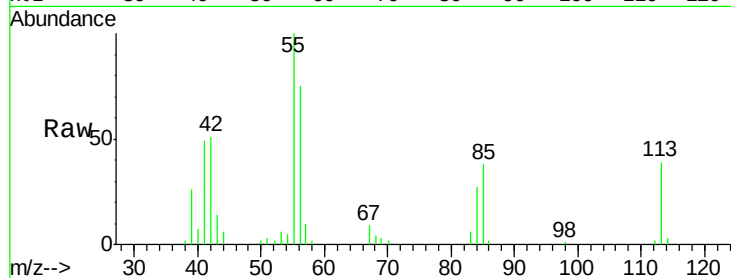
Tot Ion:113 Resp: 17457

Ion Ratio Lower Upper

113 100

55 256.4 196.4 236.4#

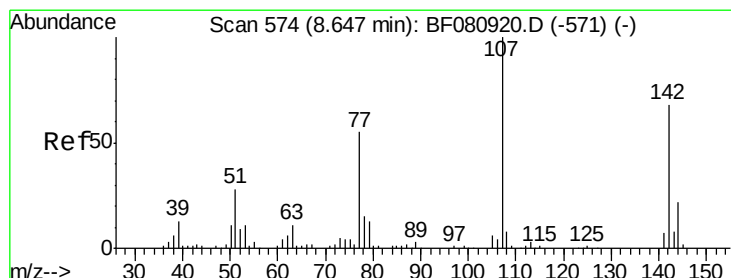
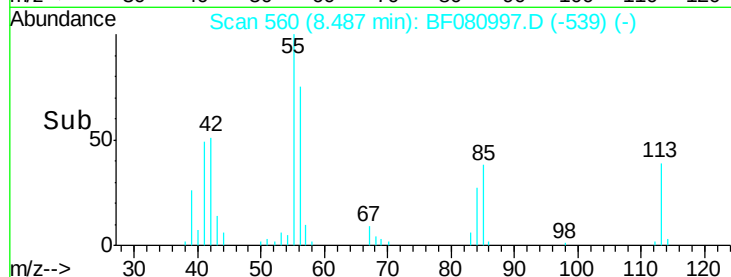
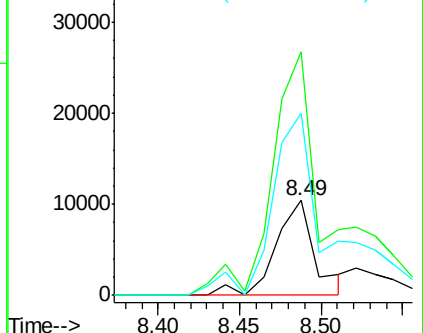
56 191.4 137.9 177.9#



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: 33.94 ng

RT: 8.60 min Scan# 570

Delta R.T. -0.05 min

Lab File: BF080997.D

Acq: 14 Aug 2015 1:21

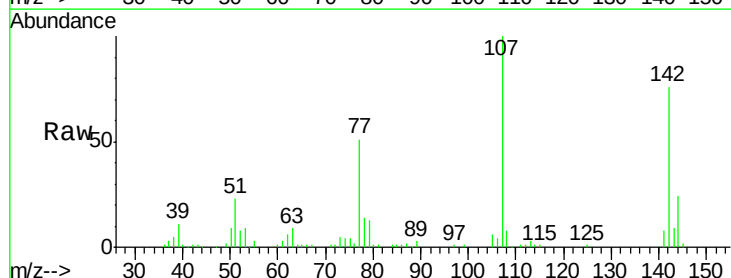
Tgt Ion:107 Resp: 81618

Ion Ratio Lower Upper

107 100

144 23.6 17.3 25.9

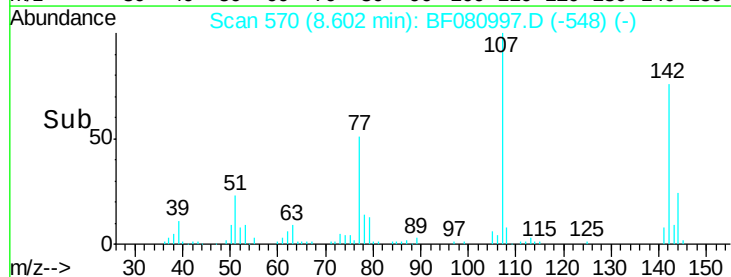
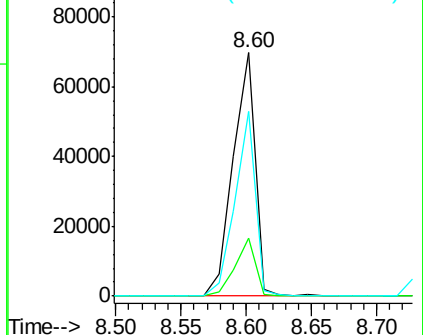
142 76.0 54.4 81.6

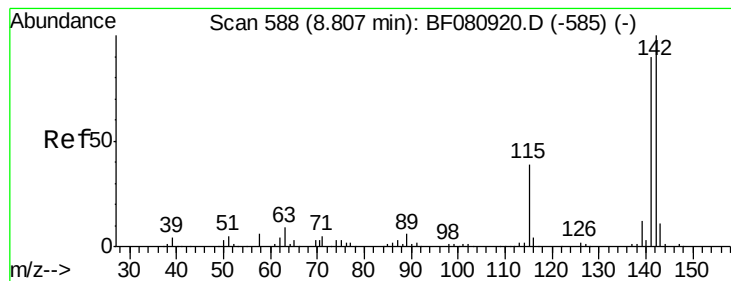


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 33.75 ng

RT: 8.75 min Scan# 583

Delta R.T. -0.06 min

Lab File: BF080997.D

Acq: 14 Aug 2015 1:21

Instrument :

BNA_F

ClientSampleId :

PB84967BS

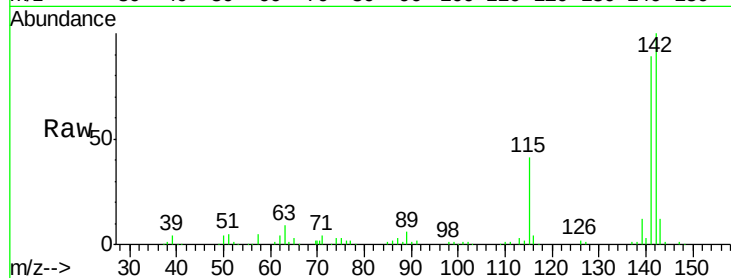
Tot Ion:142 Resp: 165628

Ion Ratio Lower Upper

142 100

141 88.5 71.7 107.5

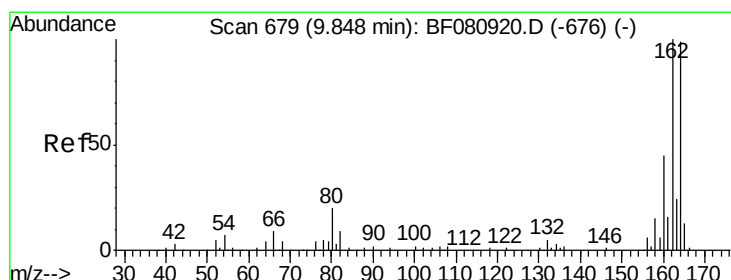
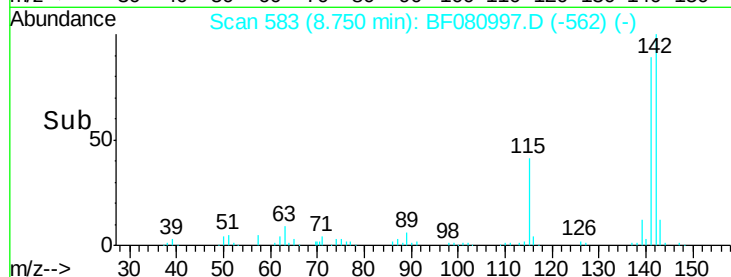
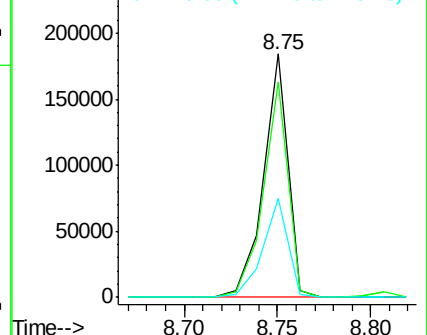
115 40.8 30.9 46.3



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: 9.79 min Scan# 674

Delta R.T. -0.06 min

Lab File: BF080997.D

Acq: 14 Aug 2015 1:21

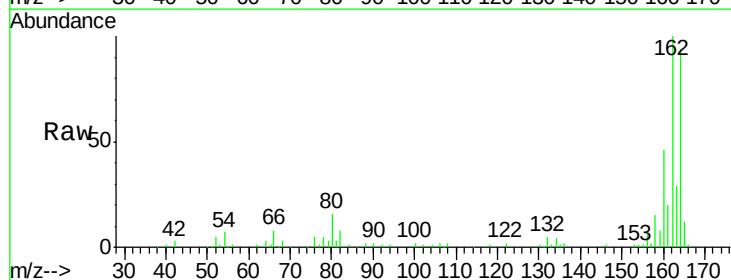
Tgt Ion:164 Resp: 88426

Ion Ratio Lower Upper

164 100

162 105.9 80.5 120.7

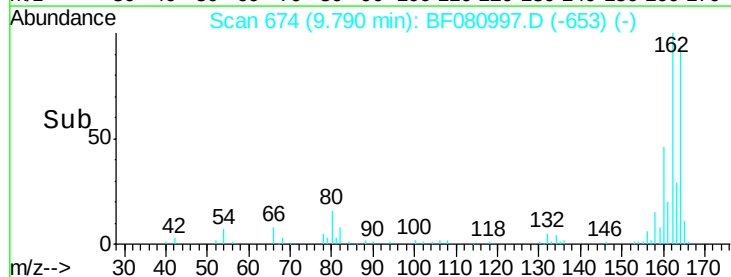
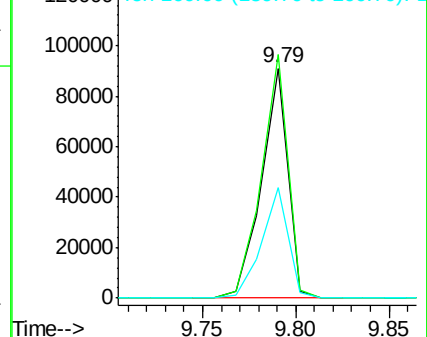
160 48.3 36.6 54.8

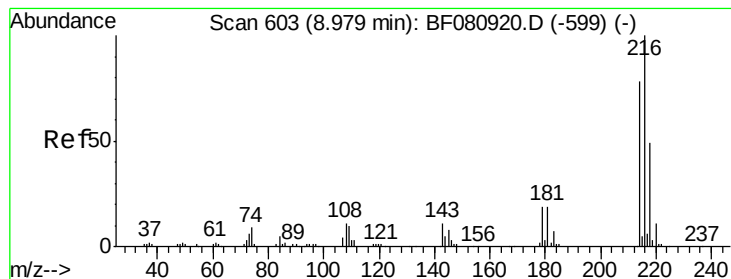


Abundance Ion 164.00 (163.70 to 164.70): E

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: 24.23 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.06 min

Lab File: BF080997.D

Acq: 14 Aug 2015 1:21

Instrument :

BNA_F

ClientSampleId :

PB84967BS

Tot Ion:216 Resp: 66053

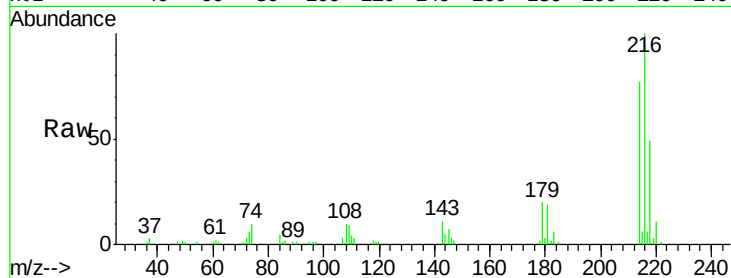
Ion Ratio Lower Upper

216 100

214 78.5 63.0 94.4

179 23.2 17.2 25.8

108 23.0 16.1 24.1

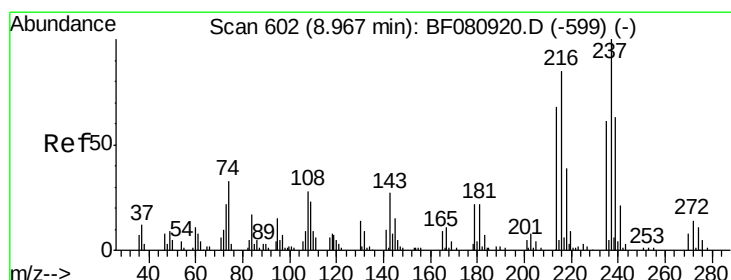
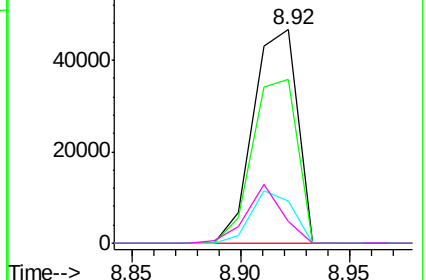
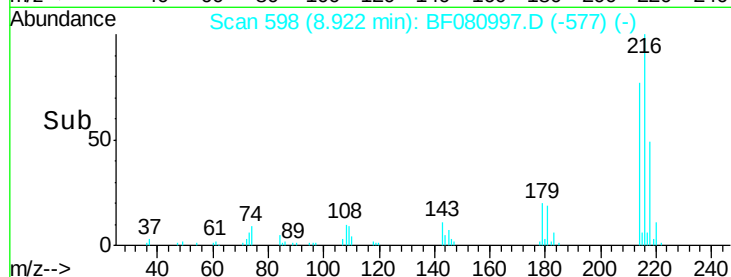


Abundance Ion 216.00 (215.70 to 216.70): E

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: 30.81 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.07 min

Lab File: BF080997.D

Acq: 14 Aug 2015 1:21

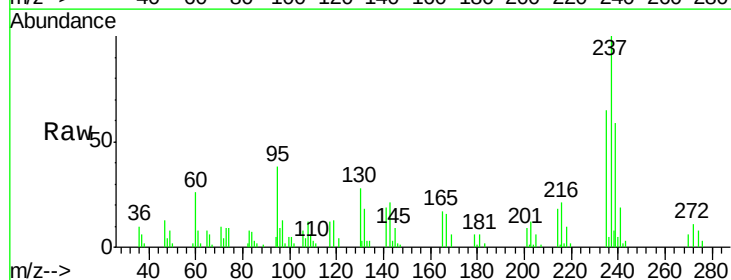
Tgt Ion:237 Resp: 45833

Ion Ratio Lower Upper

237 100

235 65.5 41.3 81.3

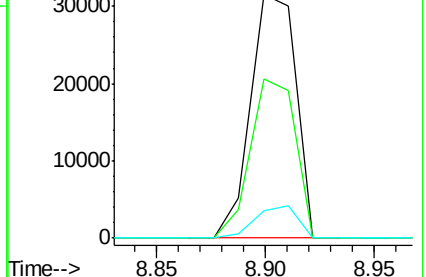
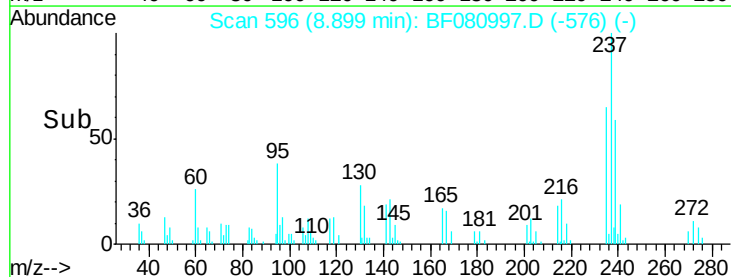
272 11.1 0.0 33.6

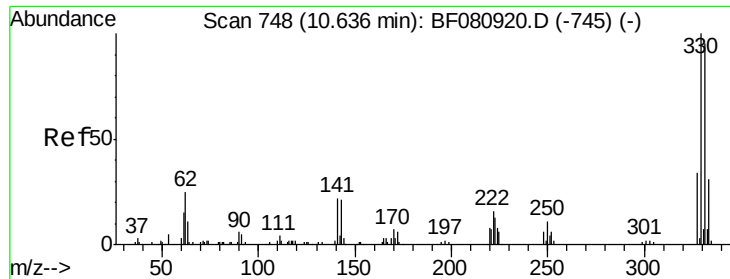


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

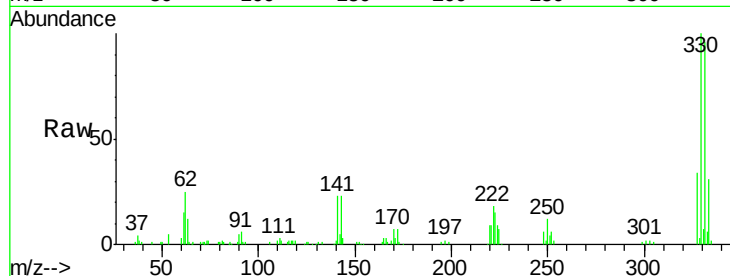




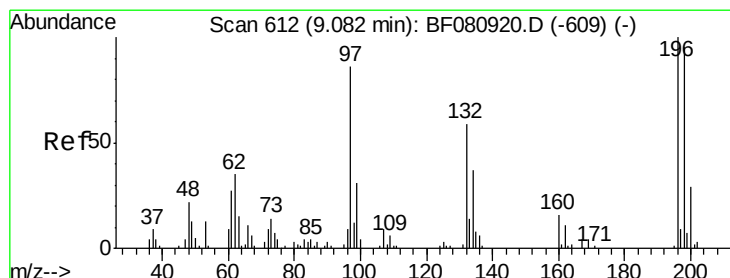
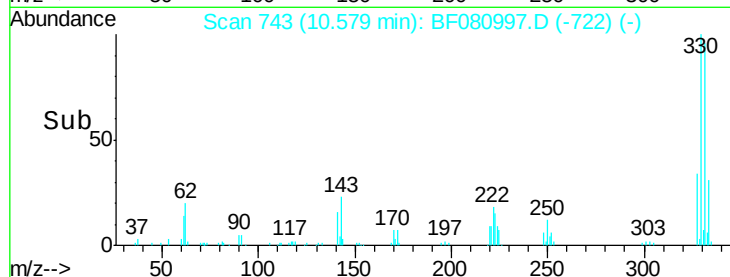
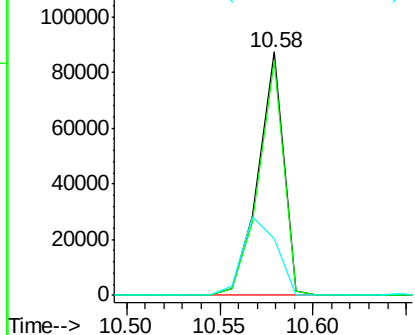
#41
 2,4,6-Tribromophenol
 Concen: 84.82 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.06 min
 Lab File: BF080997.D
 Acq: 14 Aug 2015 1:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84967BS

Tot Ion:330 Resp: 82400
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.2 114.4
 141 43.7 27.8 41.8#

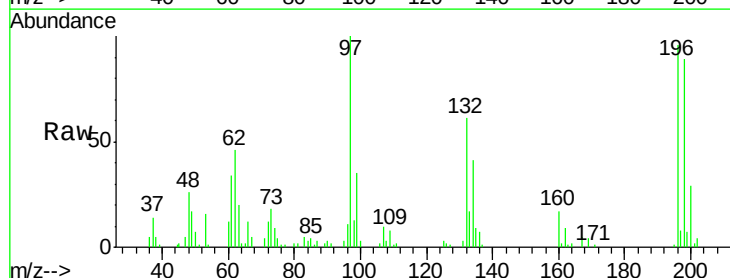


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

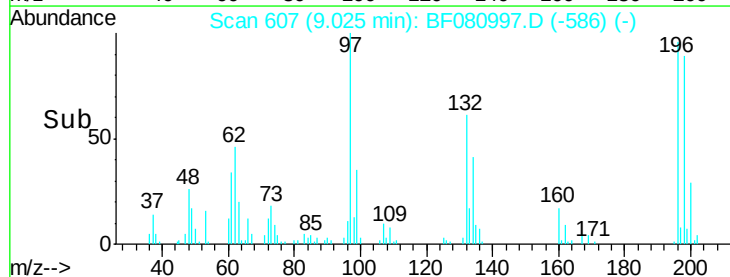
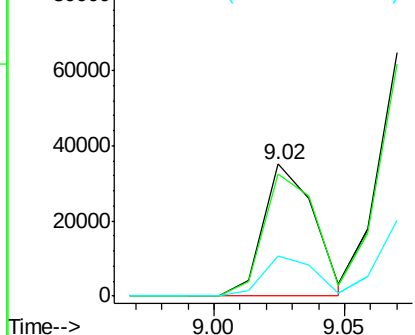


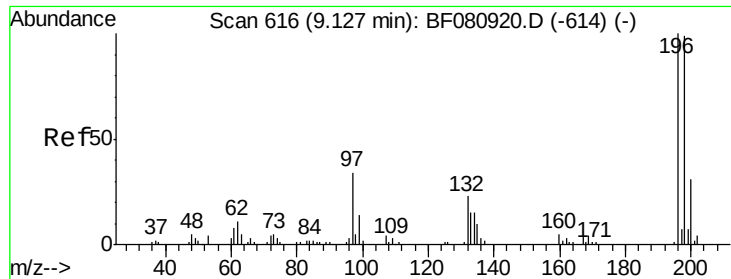
#42
 2,4,6-Trichlorophenol
 Concen: 23.51 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.06 min
 Lab File: BF080997.D
 Acq: 14 Aug 2015 1:21

Tgt Ion:196 Resp: 46968
 Ion Ratio Lower Upper
 196 100
 198 92.7 75.9 113.9
 200 30.3 23.1 34.7



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

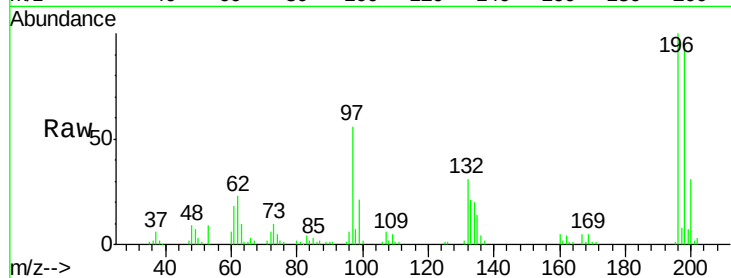




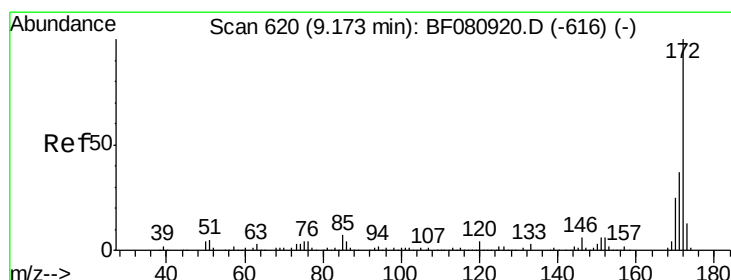
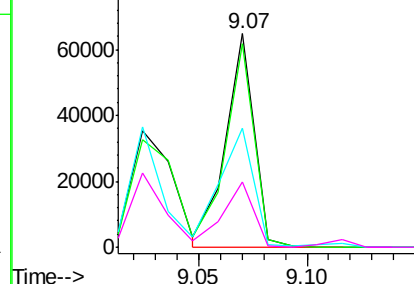
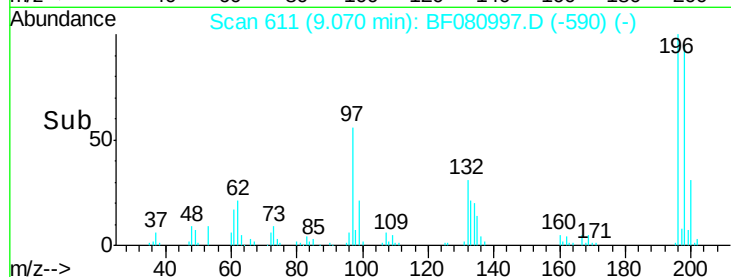
#43
 2,4,5-Trichlorophenol
 Concen: 29.12 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.06 min
 Lab File: BF080997.D
 Acq: 14 Aug 2015 1:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84967BS

Tot Ion:196	Resp:	58625
Ion Ratio	Lower	Upper
196	100	
198	95.1	78.9 118.3
97	56.0	29.1 43.7#
132	30.6	19.1 28.7#

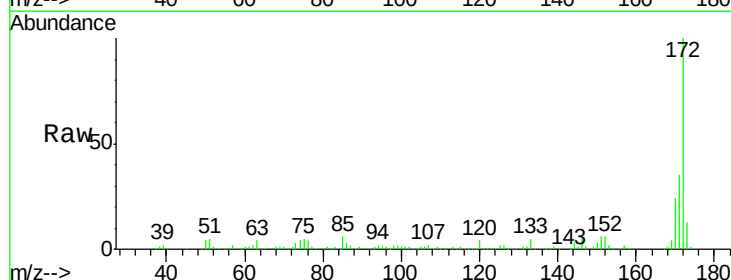


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

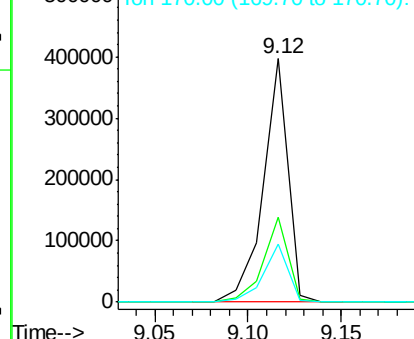
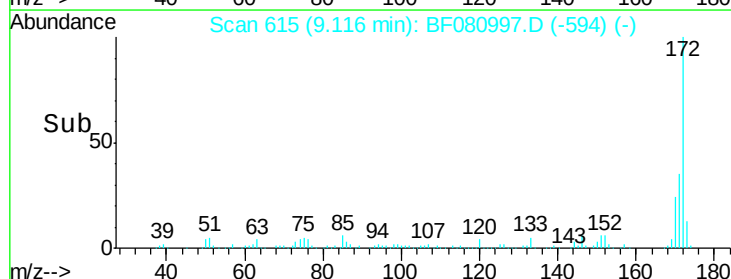


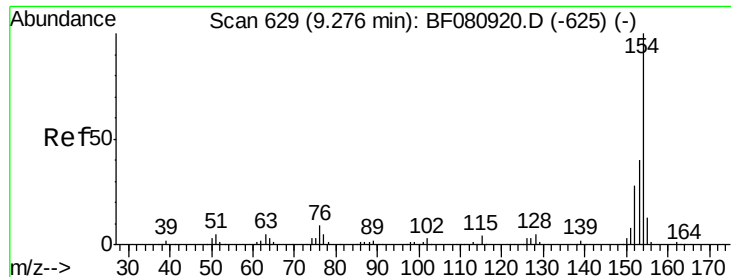
#44
 2-Fluorobiphenyl
 Concen: 57.32 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF080997.D
 Acq: 14 Aug 2015 1:21

Tgt Ion:172	Resp:	360056
Ion Ratio	Lower	Upper
172	100	
171	34.7	29.4 44.0
170	23.6	19.7 29.5



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: 24.64 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.06 min

Lab File: BF080997.D

Acq: 14 Aug 2015 1:21

Instrument :

BNA_F

ClientSampleId :

PB84967BS

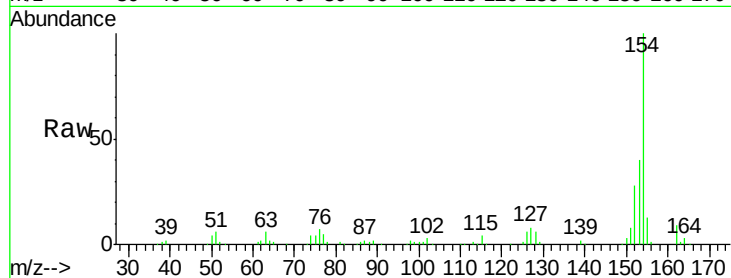
Tot Ion:154 Resp: 187028

Ion Ratio Lower Upper

154 100

153 40.2 20.1 60.1

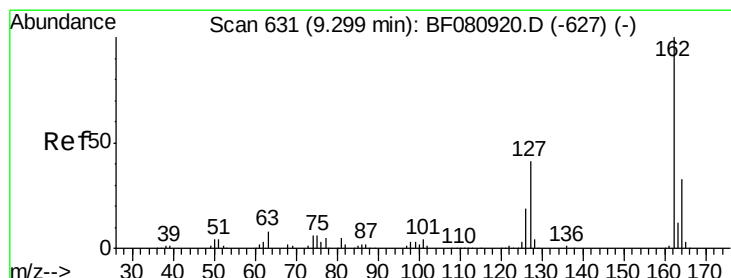
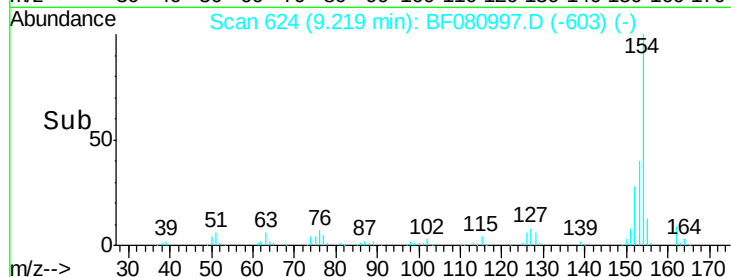
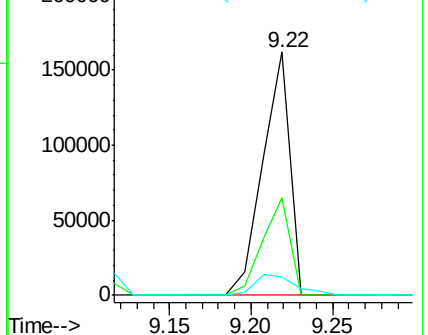
76 7.4 0.0 29.3



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: 25.51 ng

RT: 9.24 min Scan# 626

Delta R.T. -0.06 min

Lab File: BF080997.D

Acq: 14 Aug 2015 1:21

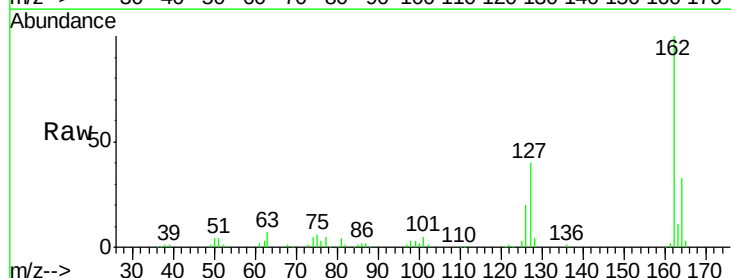
Tgt Ion:162 Resp: 150927

Ion Ratio Lower Upper

162 100

127 40.1 32.5 48.7

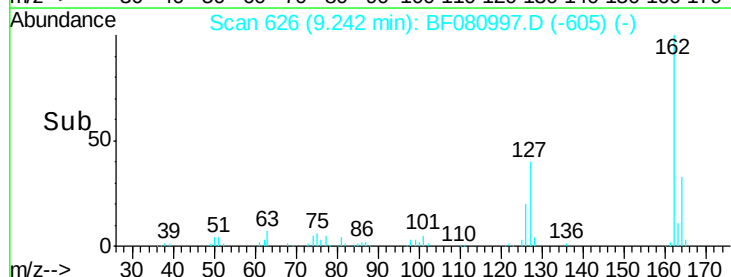
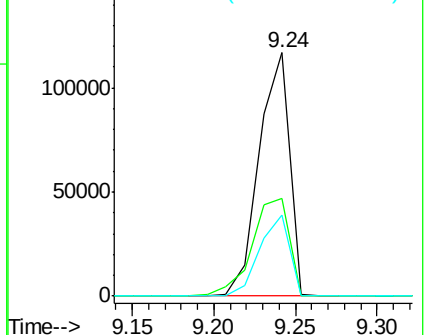
164 33.3 26.2 39.4

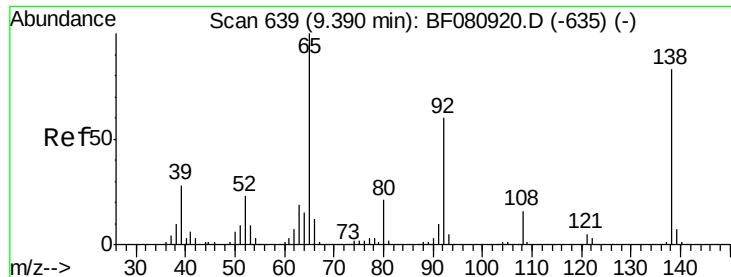


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

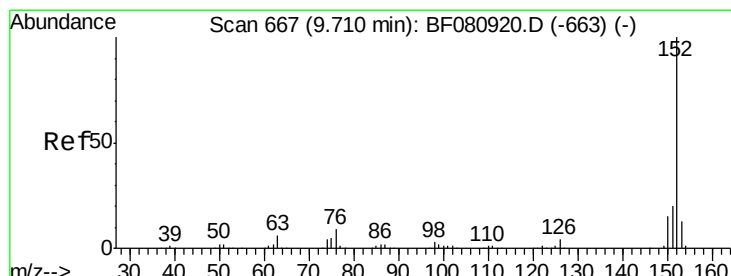
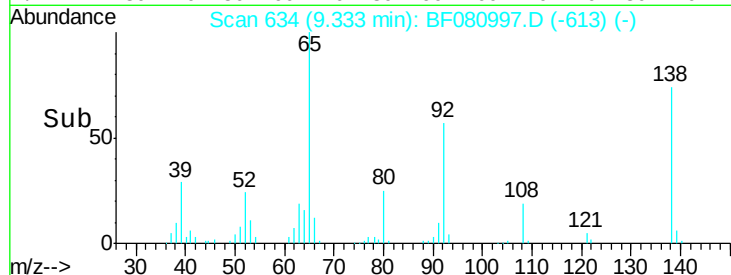
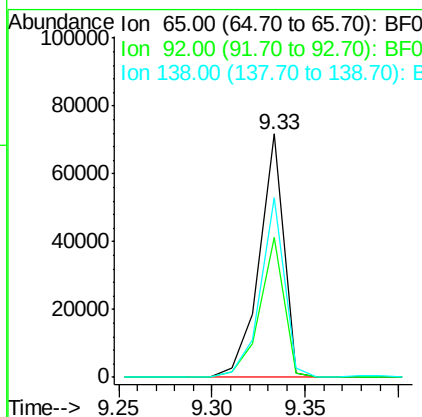
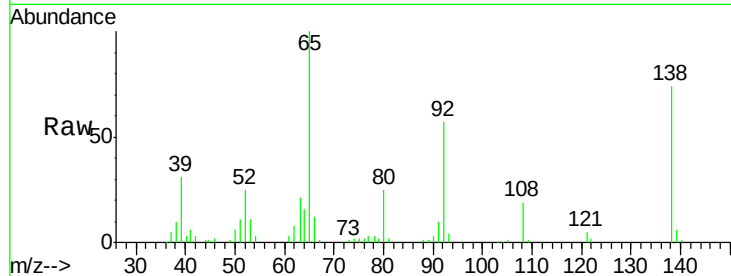




#47
 2-Nitroaniline
 Concen: 27.43 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.06 min
 Lab File: BF080997.D
 Acq: 14 Aug 2015 1:21

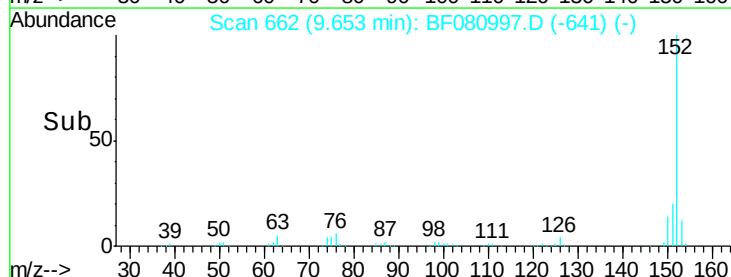
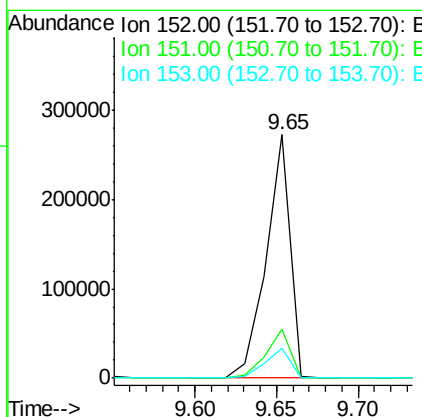
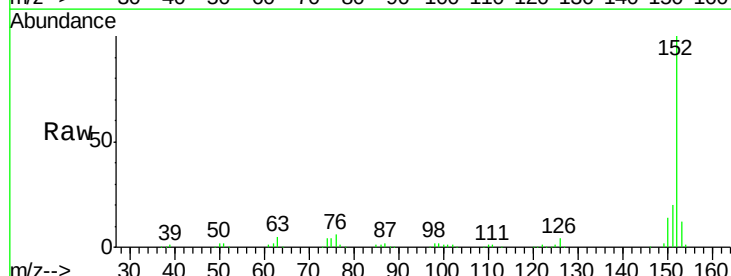
Instrument :
 BNA_F
 ClientSampleId :
 PB84967BS

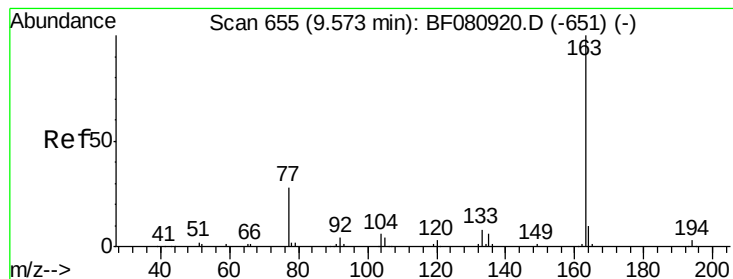
Tot Ion: 65 Resp: 65074
 Ion Ratio Lower Upper
 65 100
 92 57.2 48.0 72.0
 138 73.9 66.1 99.1



#48
 Acenaphthylene
 Concen: 27.03 ng
 RT: 9.65 min Scan# 662
 Delta R.T. -0.06 min
 Lab File: BF080997.D
 Acq: 14 Aug 2015 1:21

Tgt Ion: 152 Resp: 278004
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.3 24.5
 153 12.2 10.5 15.7





#49

Dimethylphthalate

Concen: 26.09 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.06 min

Lab File: BF080997.D

Acq: 14 Aug 2015 1:21

Instrument :

BNA_F

ClientSampleId :

PB84967BS

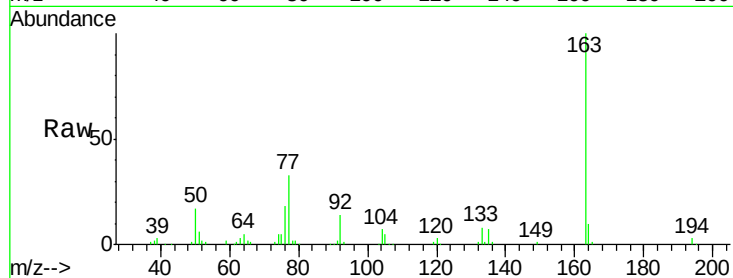
Tot Ion:163 Resp: 191631

Ion Ratio Lower Upper

163 100

194 2.8 2.4 3.6

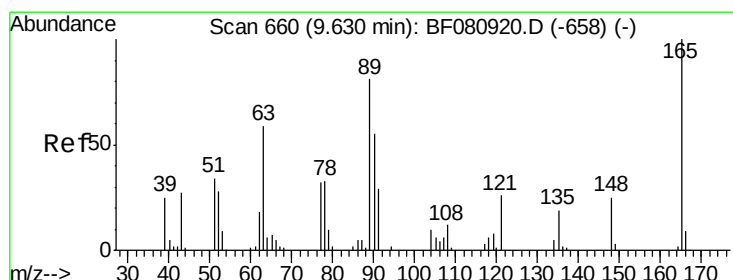
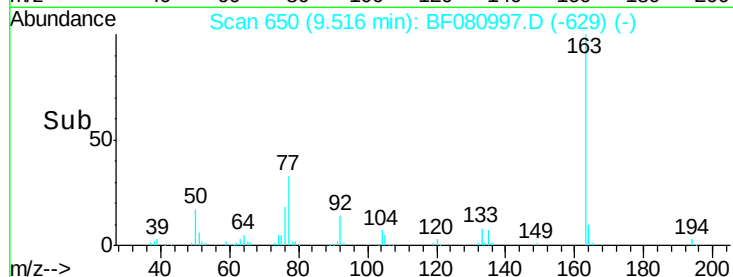
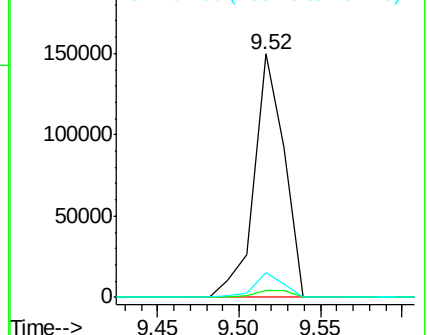
164 9.9 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 21.01 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.06 min

Lab File: BF080997.D

Acq: 14 Aug 2015 1:21

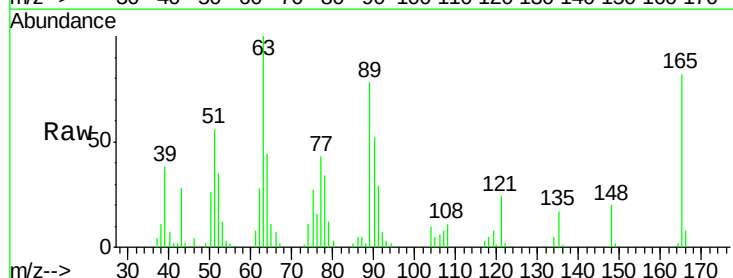
Tgt Ion:165 Resp: 31887

Ion Ratio Lower Upper

165 100

63 122.4 77.6 116.4#

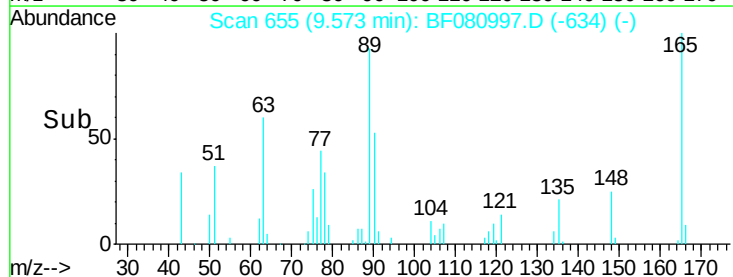
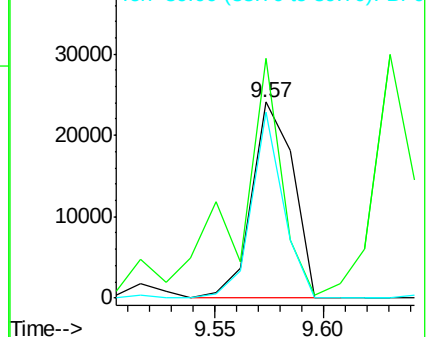
89 95.1 64.5 96.7

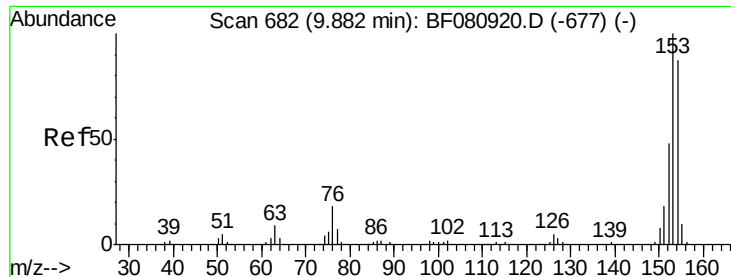


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.82 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.06 min

Lab File: BF080997.D

Acq: 14 Aug 2015 1:21

Instrument :

BNA_F

ClientSampleId :

PB84967BS

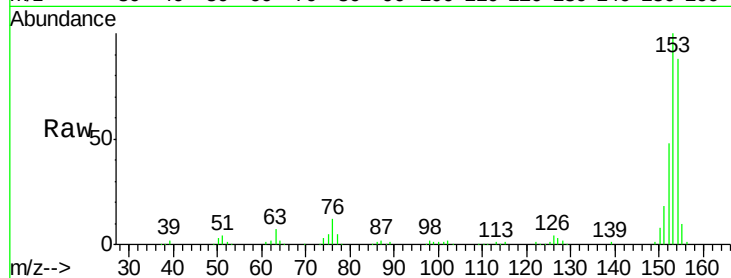
Tot Ion:154 Resp: 231966

Ion Ratio Lower Upper

154 100

153 113.8 91.4 137.2

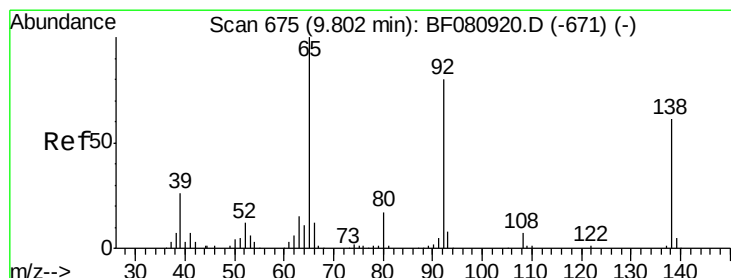
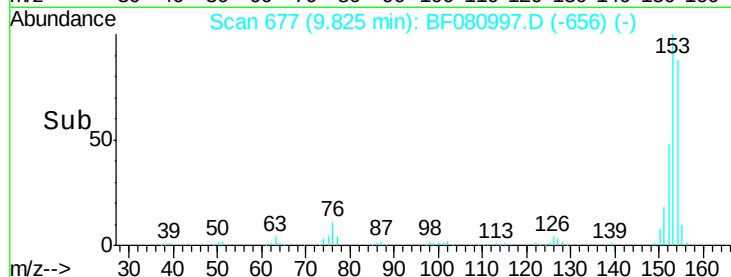
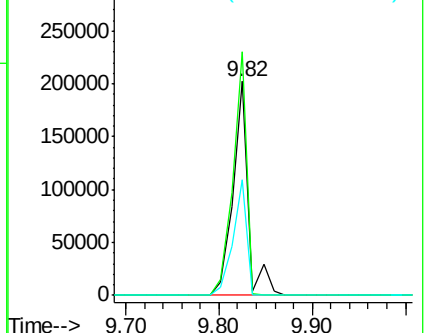
152 54.1 44.2 66.4



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: 15.03 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.06 min

Lab File: BF080997.D

Acq: 14 Aug 2015 1:21

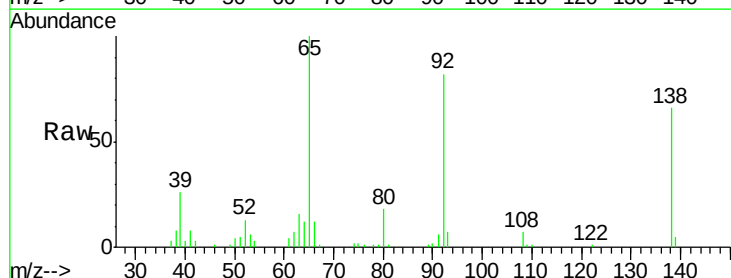
Tgt Ion:138 Resp: 28122

Ion Ratio Lower Upper

138 100

108 10.9 8.7 13.1

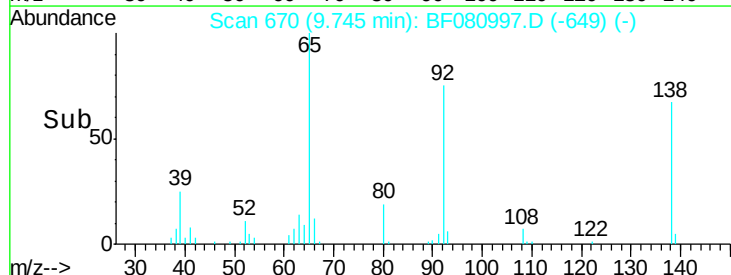
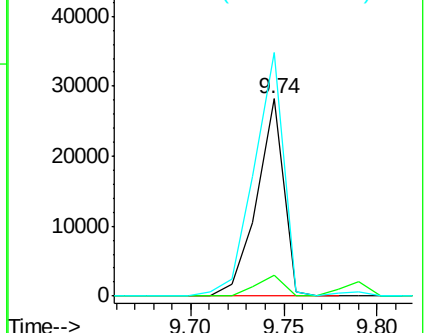
92 123.5 104.4 156.6

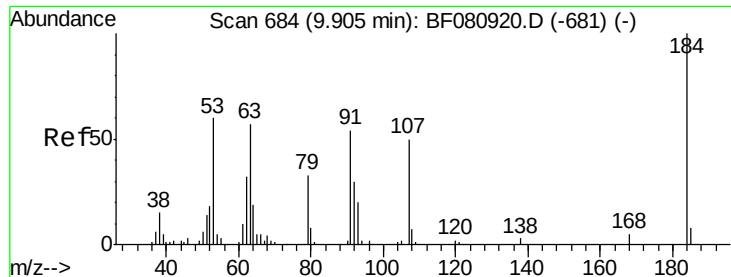


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

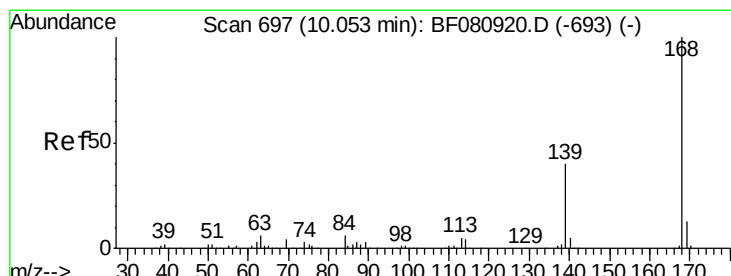
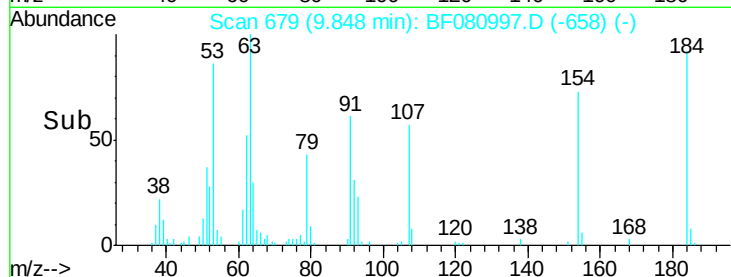
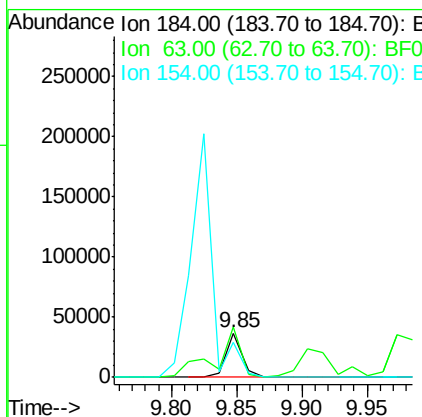
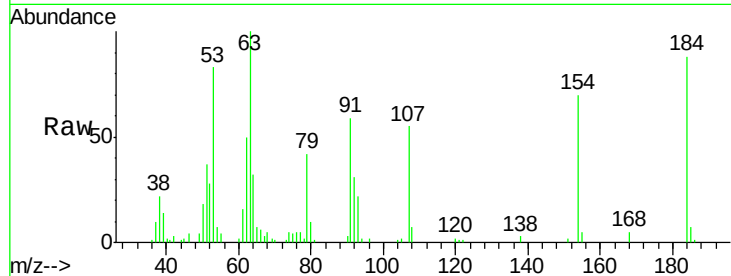




#53
 2,4-Dinitrophenol
 Concen: 38.64 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.06 min
 Lab File: BF080997.D
 Acq: 14 Aug 2015 1:21

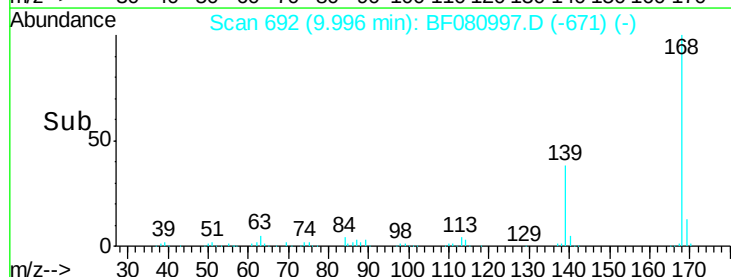
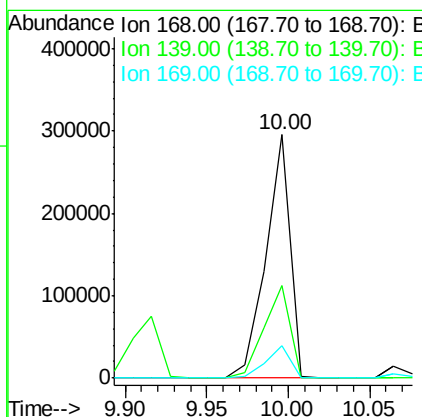
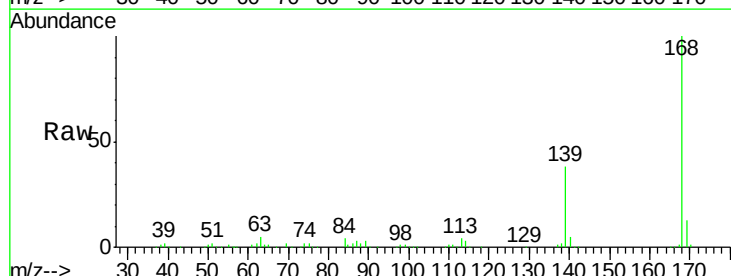
Instrument :
 BNA_F
 ClientSampleId :
 PB84967BS

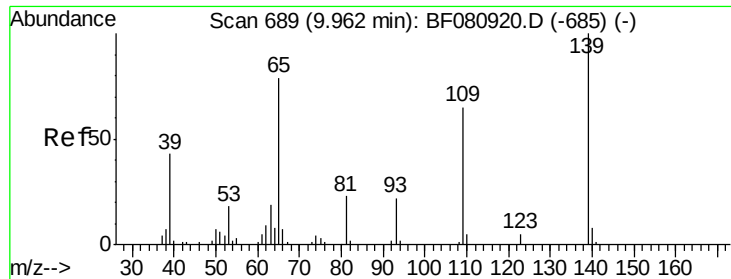
Tot Ion:184 Resp: 32450
 Ion Ratio Lower Upper
 184 100
 63 113.8 59.7 89.5#
 154 80.1 53.8 80.8



#54
 Dibenzofuran
 Concen: 35.79 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.06 min
 Lab File: BF080997.D
 Acq: 14 Aug 2015 1:21

Tgt Ion:168 Resp: 304881
 Ion Ratio Lower Upper
 168 100
 139 37.8 31.9 47.9
 169 13.1 10.6 15.8

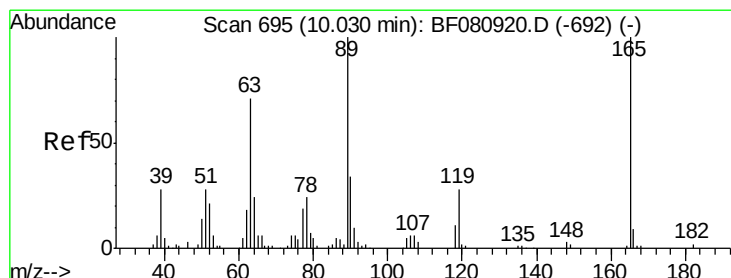
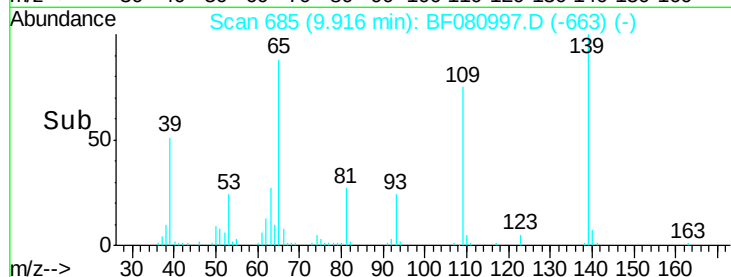
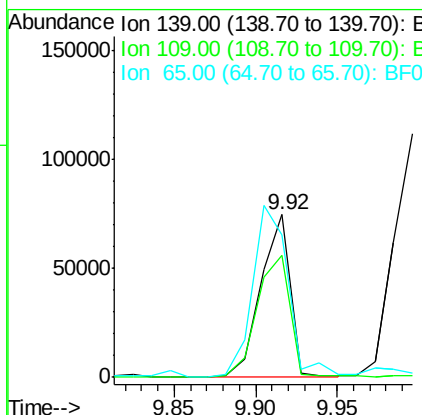
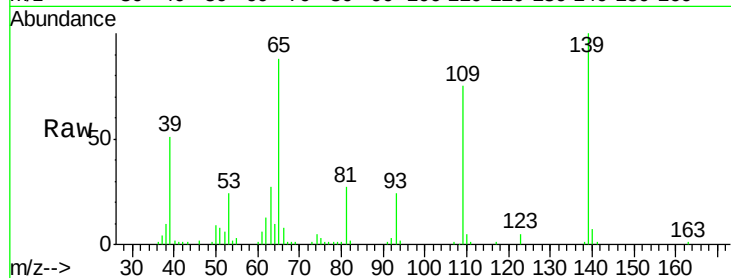




#55
 4-Nitrophenol
 Concen: 67.01 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.04 min
 Lab File: BF080997.D
 Acq: 14 Aug 2015 1:21

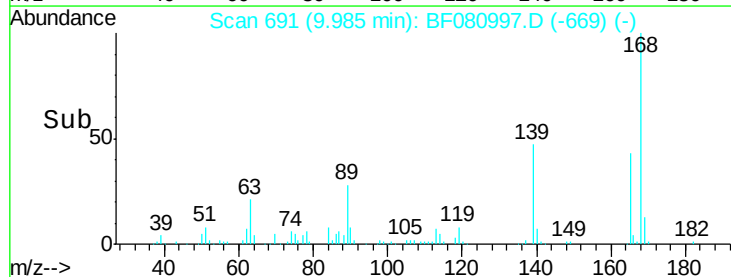
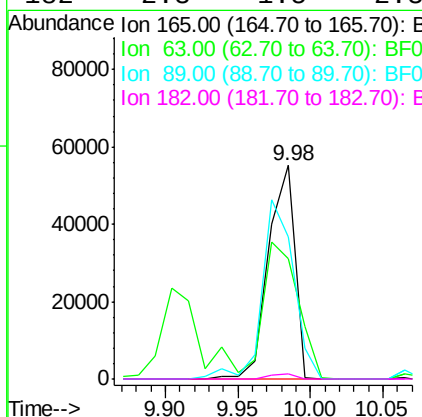
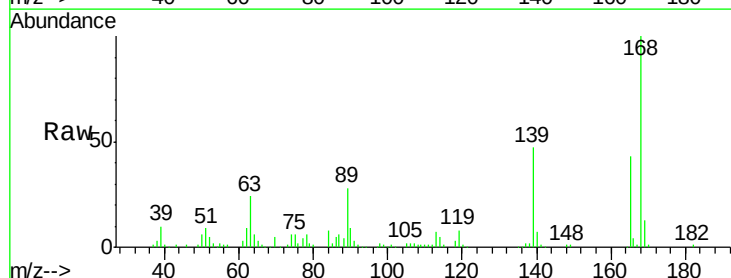
Instrument :
 BNA_F
 ClientSampleId :
 PB84967BS

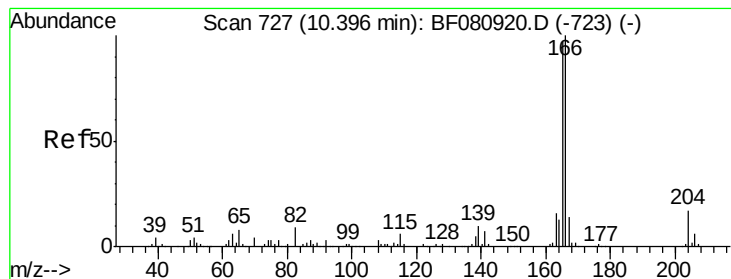
Tot Ion:139	Resp:	93834
Ion Ratio	Lower	Upper
139	100	
109	74.6	44.7 84.7
65	87.7	59.5 99.5



#56
 2,4-Dinitrotoluene
 Concen: 34.40 ng
 RT: 9.98 min Scan# 691
 Delta R.T. -0.05 min
 Lab File: BF080997.D
 Acq: 14 Aug 2015 1:21

Tgt Ion:165	Resp:	69851
Ion Ratio	Lower	Upper
165	100	
63	56.3	56.7 85.1#
89	66.8	80.4 120.6#
182	2.3	1.5 2.3





#57

Fluorene

Concen: 32.53 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.06 min

Lab File: BF080997.D

Acq: 14 Aug 2015 1:21

Instrument :

BNA_F

ClientSampleId :

PB84967BS

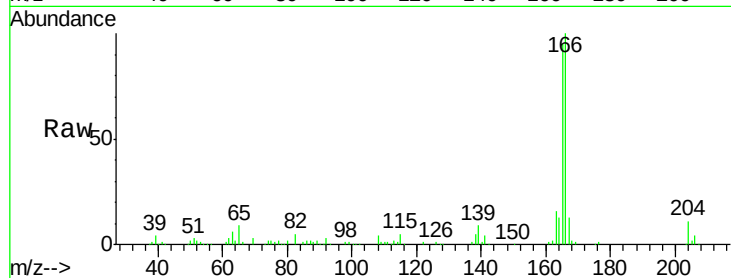
Tot Ion:166 Resp: 214383

Ion Ratio Lower Upper

166 100

165 95.4 77.2 115.8

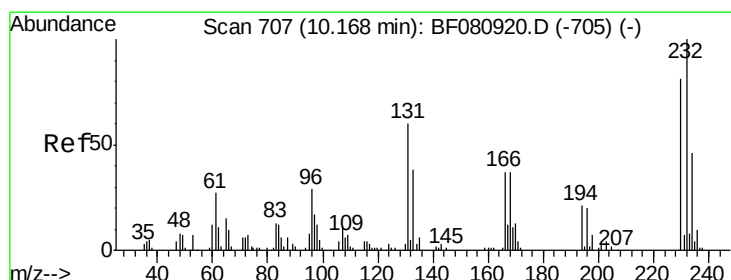
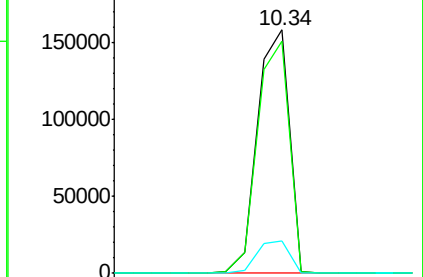
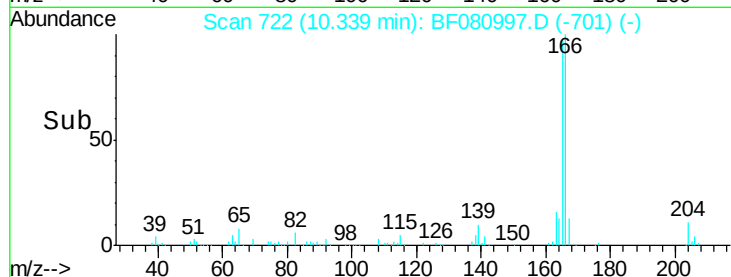
167 13.3 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 30.77 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.10 min

Lab File: BF080997.D

Acq: 14 Aug 2015 1:21

Tgt Ion:232 Resp: 49029

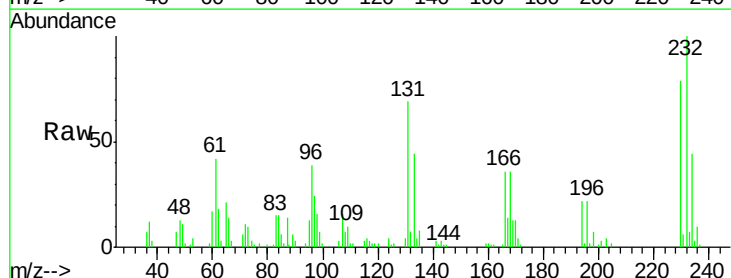
Ion Ratio Lower Upper

232 100

131 55.1 39.4 59.2

130 3.1 2.1 3.1

166 30.2 21.7 32.5

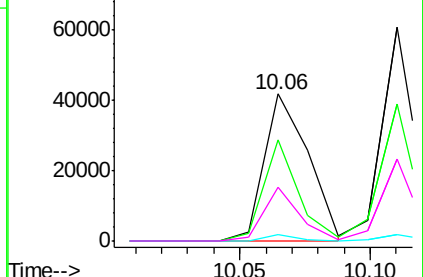
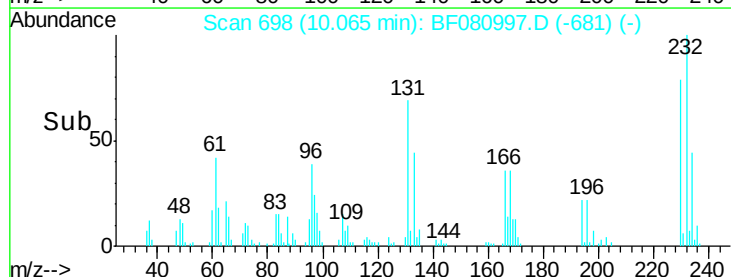


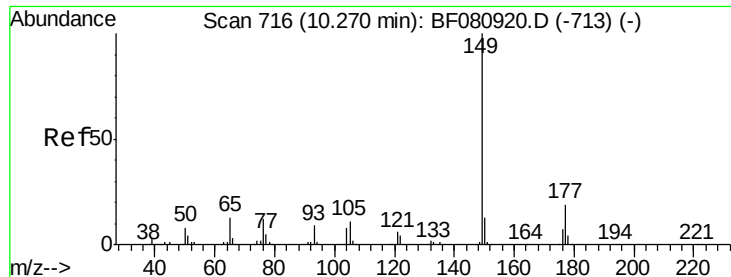
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

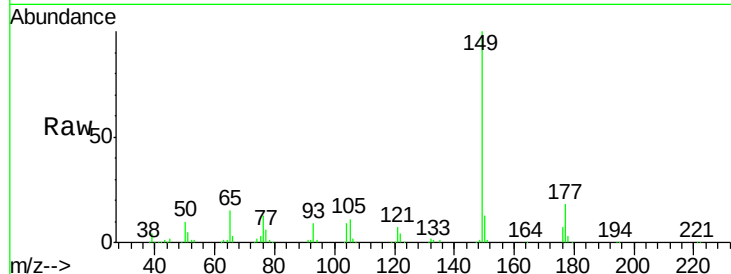




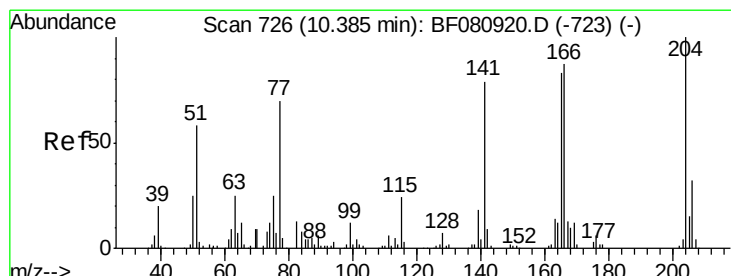
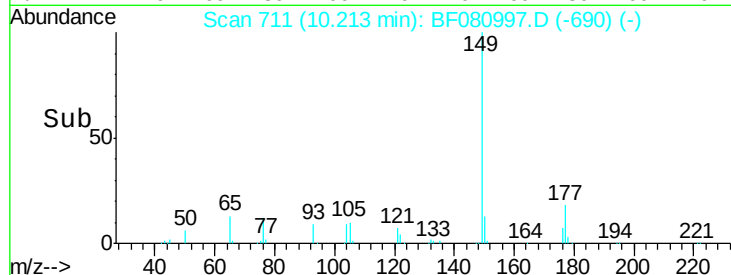
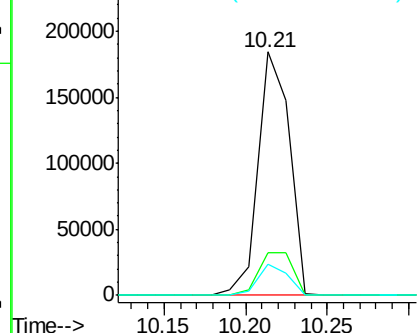
#59
Diethylphthalate
Concen: 32.19 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.06 min
Lab File: BF080997.D
Acq: 14 Aug 2015 1:21

Instrument :
BNA_F
ClientSampleId :
PB84967BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	17.5	15.0	22.4
150	12.9	10.4	15.6

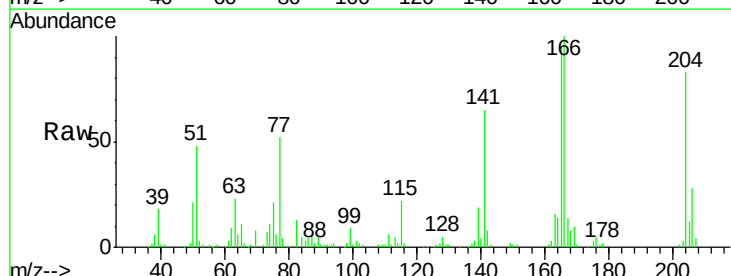


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

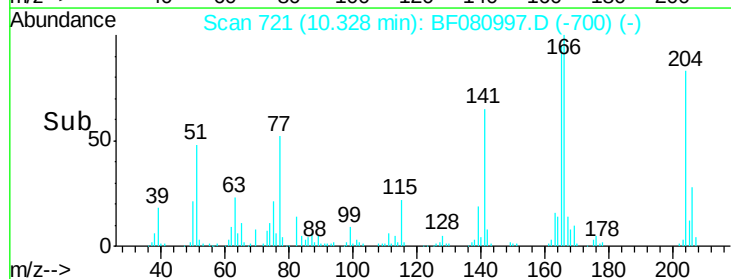
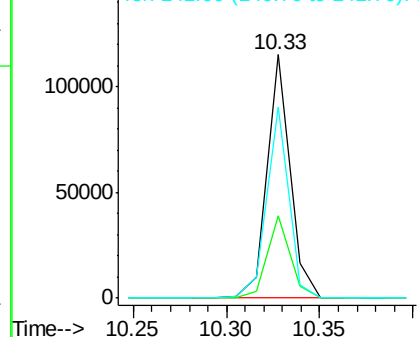


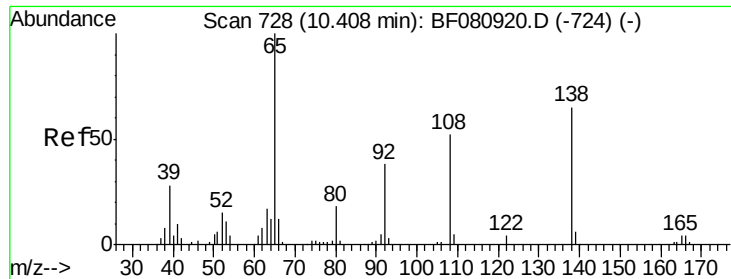
#60
4-Chlorophenyl-phenylether
Concen: 30.42 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.06 min
Lab File: BF080997.D
Acq: 14 Aug 2015 1:21

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.7	25.5	38.3
141	78.3	63.4	95.0



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

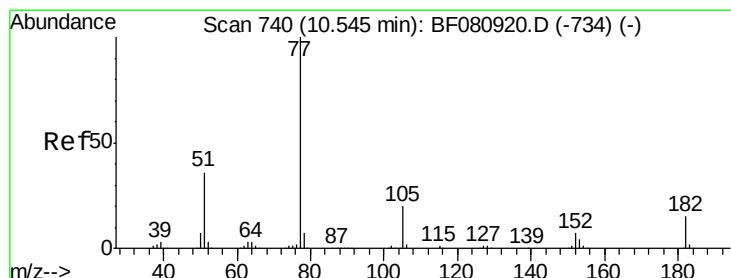
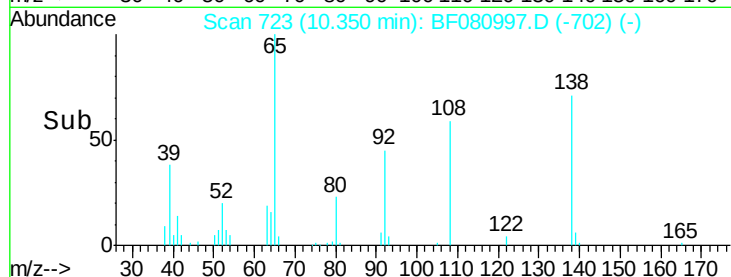
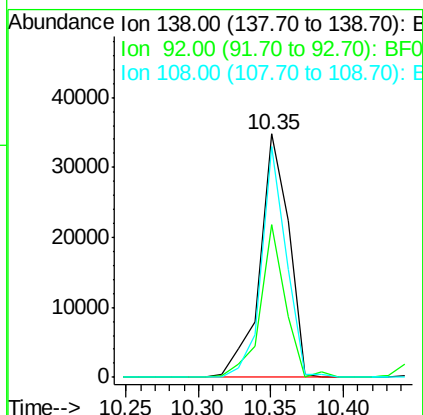
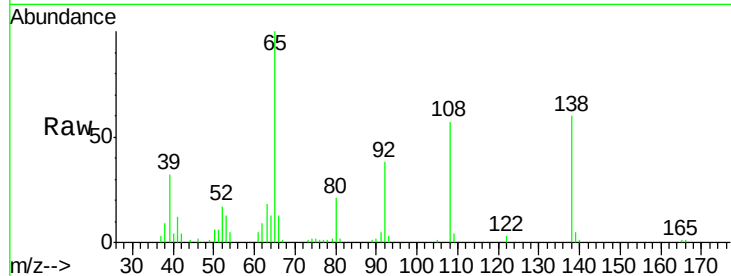




#61
4-Nitroaniline
Concen: 24.92 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.06 min
Lab File: BF080997.D
Acq: 14 Aug 2015 1:21

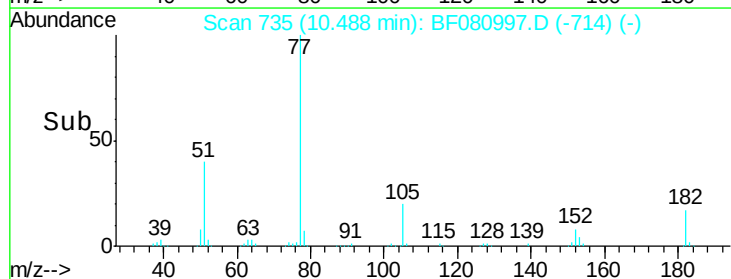
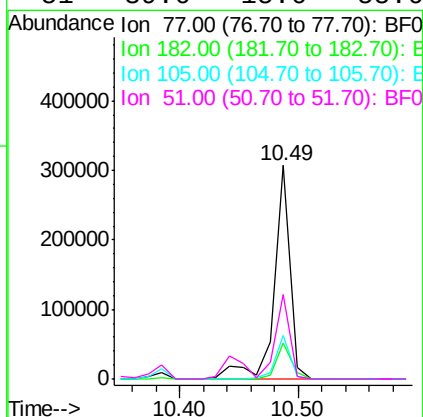
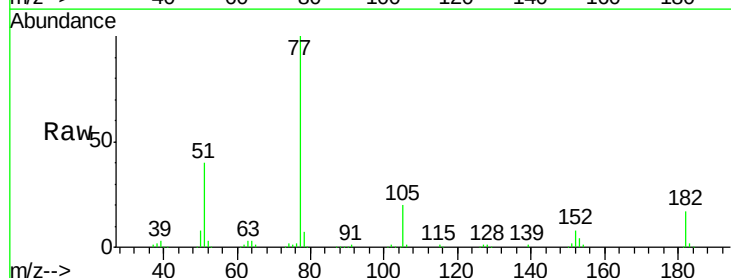
Instrument :
BNA_F
ClientSampleId :
PB84967BS

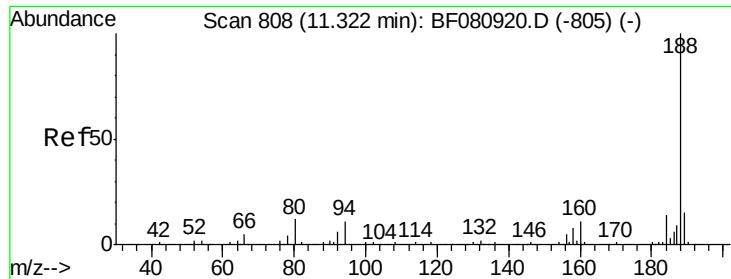
Tot Ion:138 Resp: 47967
Ion Ratio Lower Upper
138 100
92 62.9 38.1 78.1
108 94.7 59.9 99.9



#62
Azobenzene
Concen: 33.66 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.06 min
Lab File: BF080997.D
Acq: 14 Aug 2015 1:21

Tgt Ion: 77 Resp: 287783
Ion Ratio Lower Upper
77 100
182 17.0 0.0 35.5
105 20.3 0.5 40.5
51 39.6 15.6 55.6

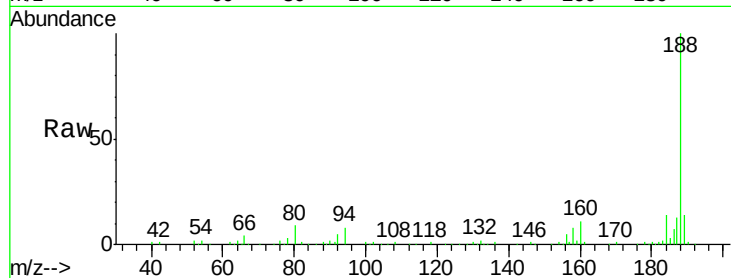




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.06 min
 Lab File: BF080997.D
 Acq: 14 Aug 2015 1:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84967BS

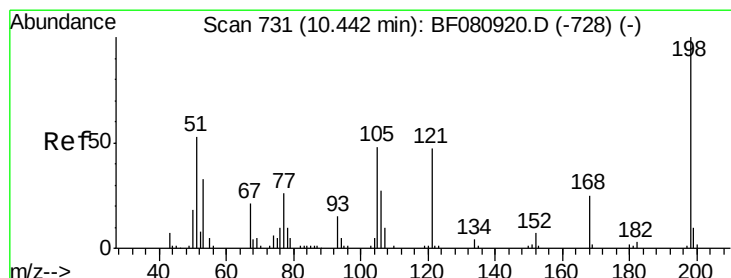
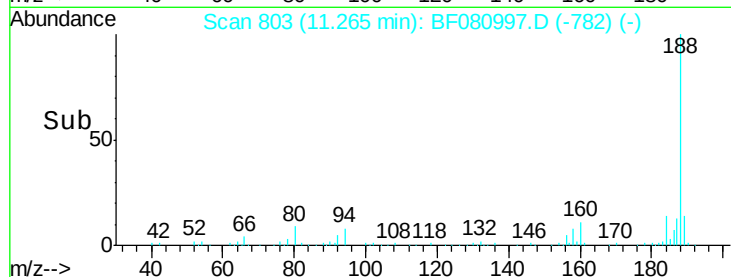
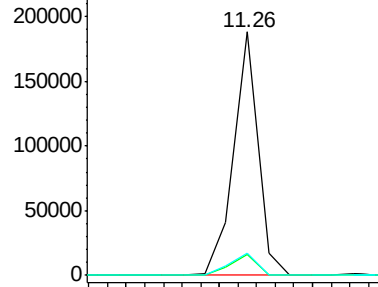
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.8	13.2#
80	8.9	9.5	14.3#



Abundance Ion 188.00 (187.70 to 188.70): E

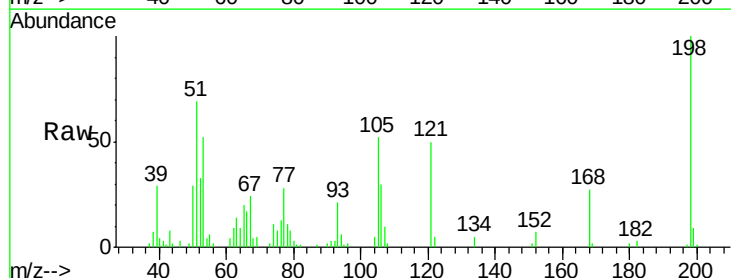
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
 4,6-Dinitro-2-methylphenol
 Concen: 23.55 ng
 RT: 10.38 min Scan# 726
 Delta R.T. -0.06 min
 Lab File: BF080997.D
 Acq: 14 Aug 2015 1:21

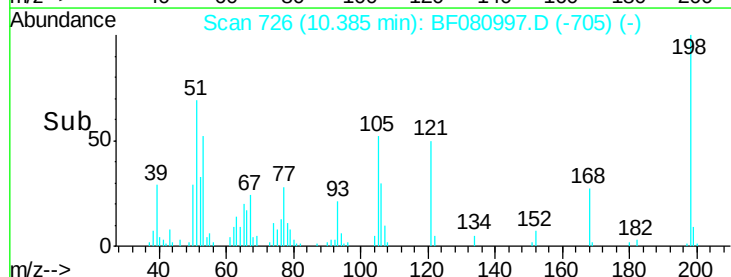
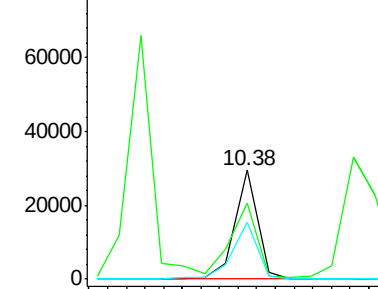
Tgt Ion	Ratio	Lower	Upper
198	100		
51	69.0	40.3	80.3
105	51.8	29.6	69.6

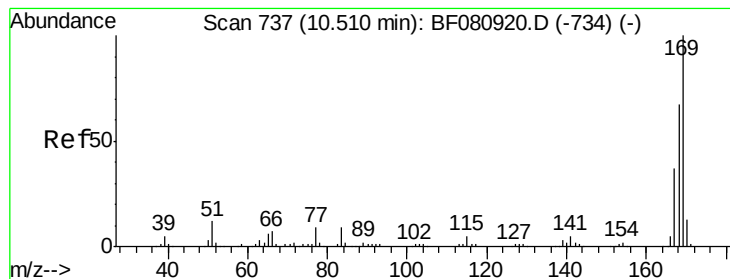


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

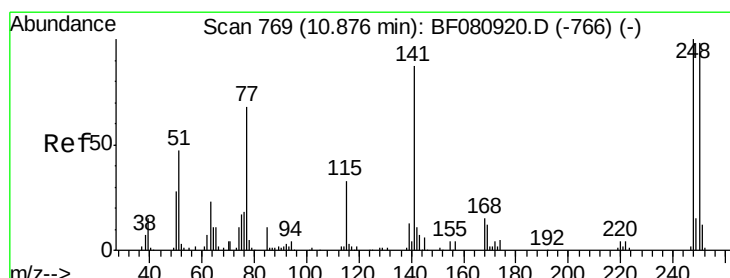
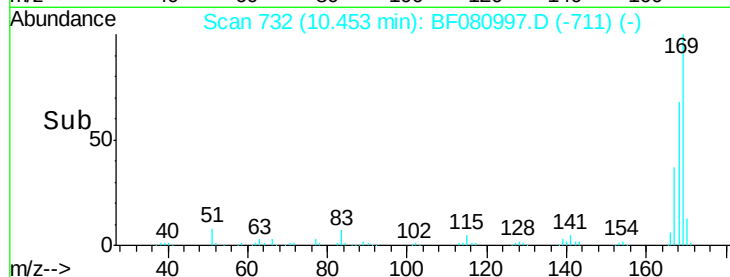
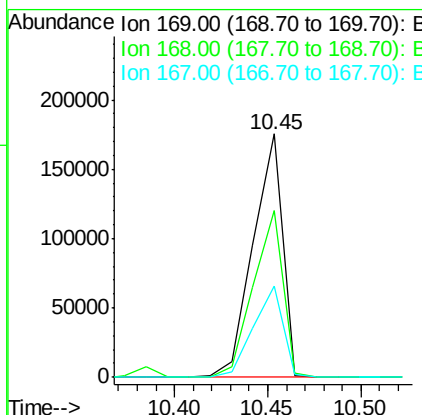
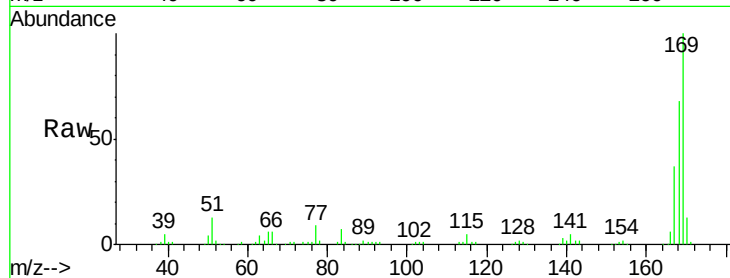




#65
 n-Nitrosodiphenylamine
 Concen: 33.09 ng
 RT: 10.45 min Scan# 732
 Delta R.T. -0.06 min
 Lab File: BF080997.D
 Acq: 14 Aug 2015 1:21

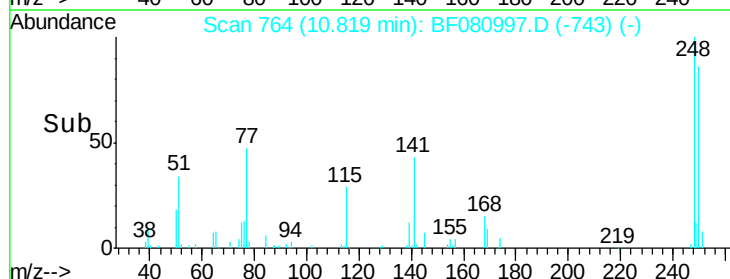
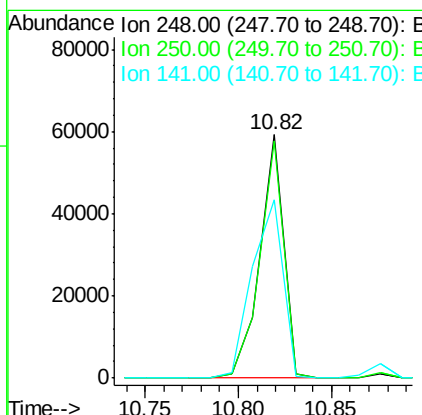
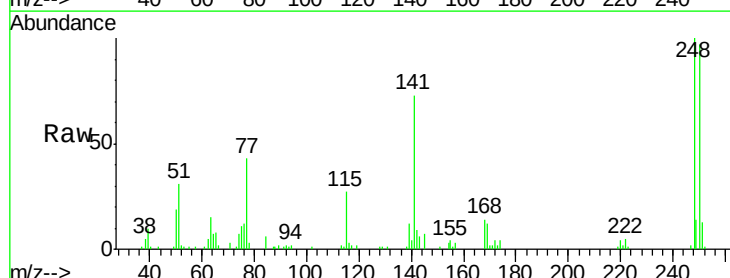
Instrument :
 BNA_F
 ClientSampleId :
 PB84967BS

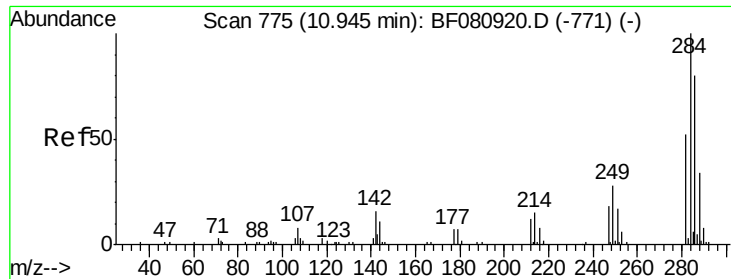
Tot Ion:169 Resp: 195227
 Ion Ratio Lower Upper
 169 100
 168 68.4 53.7 80.5
 167 37.3 29.3 43.9



#66
 4-Bromophenyl-phenylether
 Concen: 29.10 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.06 min
 Lab File: BF080997.D
 Acq: 14 Aug 2015 1:21

Tgt Ion:248 Resp: 52344
 Ion Ratio Lower Upper
 248 100
 250 97.2 78.1 117.1
 141 73.4 69.6 104.4

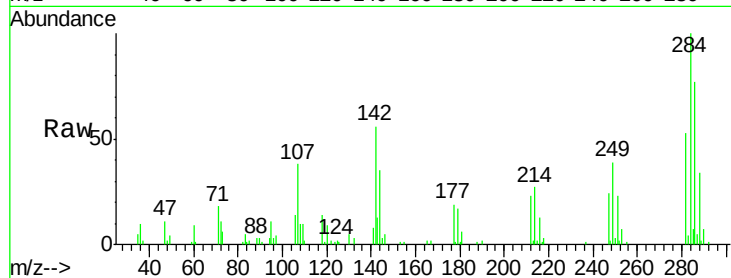




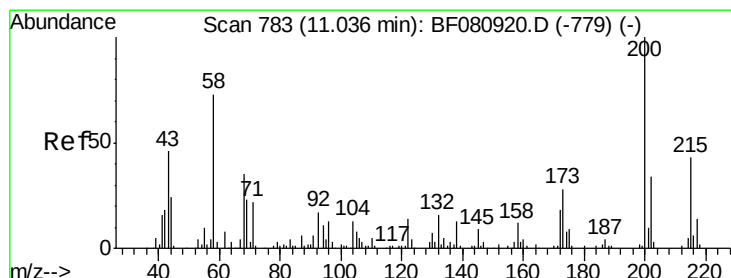
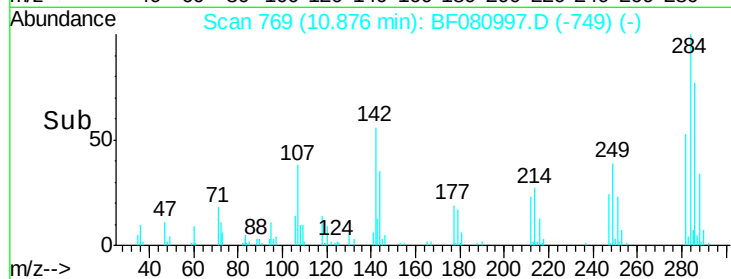
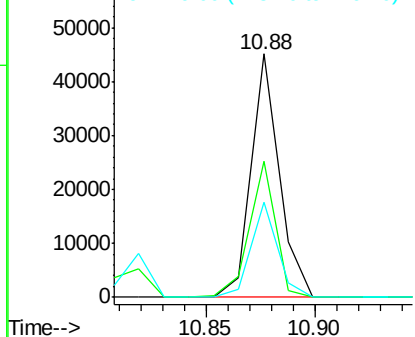
#67
Hexachlorobenzene
Concen: 20.28 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.07 min
Lab File: BF080997.D
Acq: 14 Aug 2015 1:21

Instrument :
BNA_F
ClientSampleId :
PB84967BS

Tot Ion:284 Resp: 40551
Ion Ratio Lower Upper
284 100
142 56.1 12.8 19.2#
249 39.2 22.5 33.7#

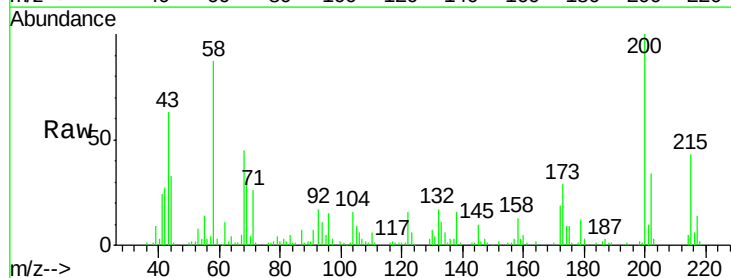


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

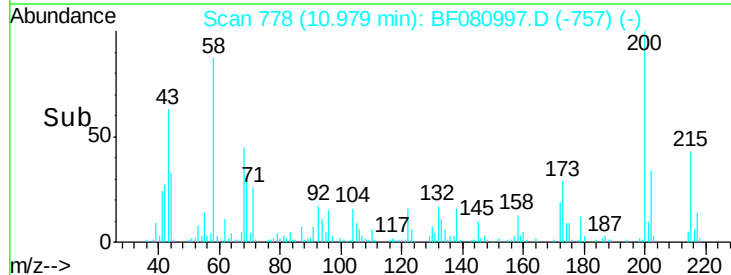
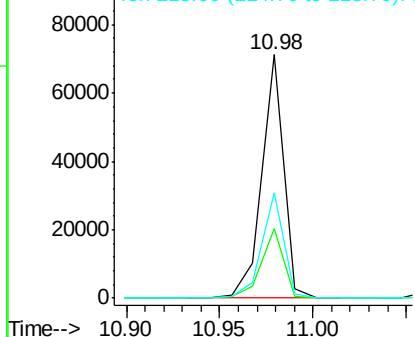


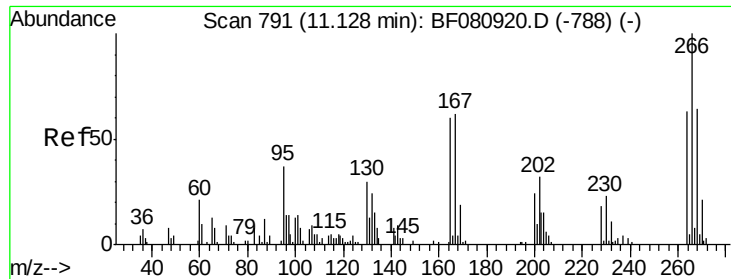
#68
Atrazine
Concen: 33.66 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.06 min
Lab File: BF080997.D
Acq: 14 Aug 2015 1:21

Tgt Ion:200 Resp: 58223
Ion Ratio Lower Upper
200 100
173 28.6 8.4 48.4
215 43.4 22.7 62.7



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

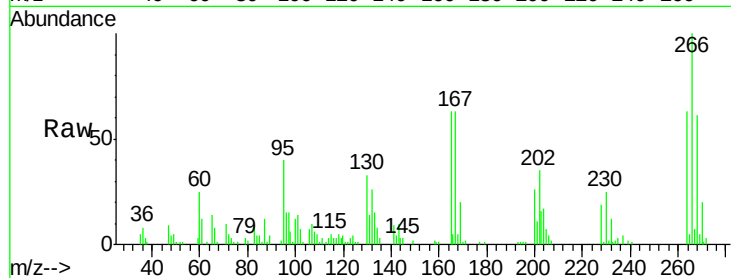




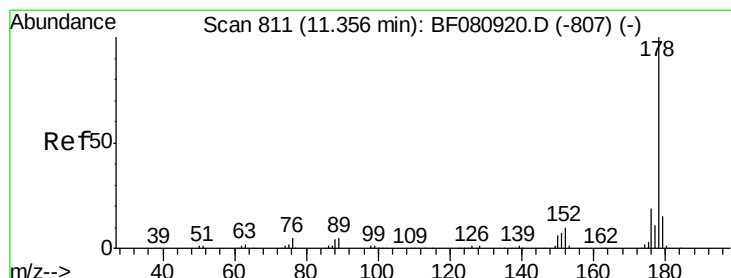
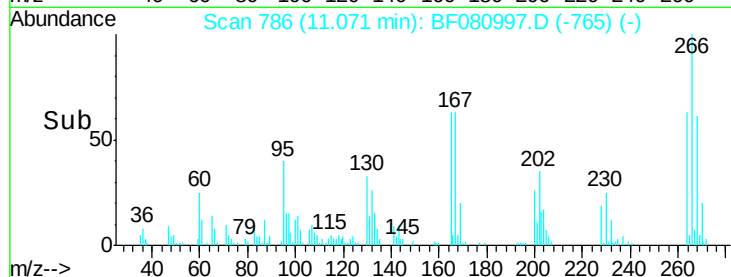
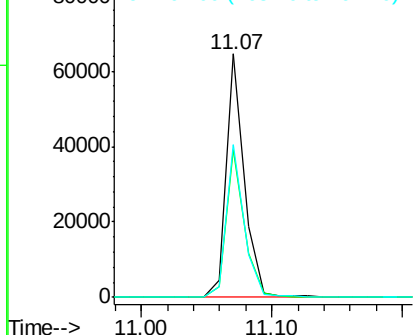
#69
 Pentachlorophenol
 Concen: 53.46 ng
 RT: 11.07 min Scan# 786
 Delta R.T. -0.06 min
 Lab File: BF080997.D
 Acq: 14 Aug 2015 1:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84967BS

Tot Ion:266 Resp: 62163
 Ion Ratio Lower Upper
 266 100
 268 60.8 51.6 77.4
 264 62.9 50.1 75.1

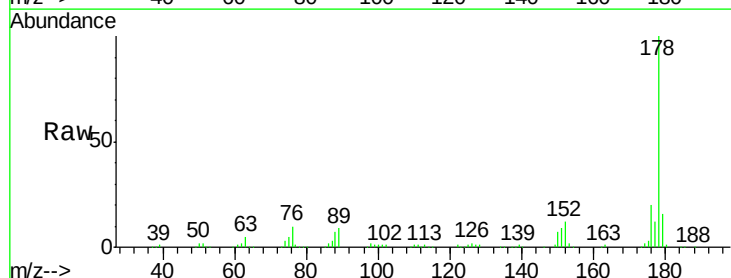


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

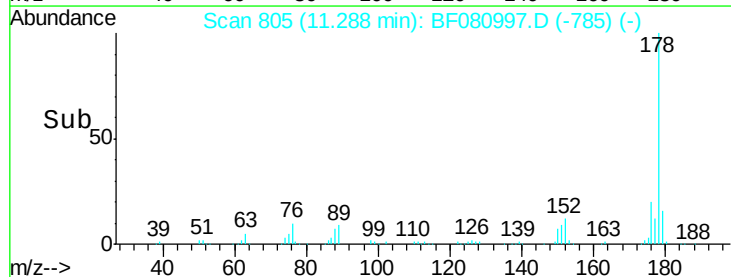
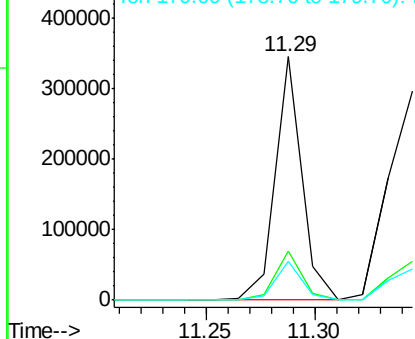


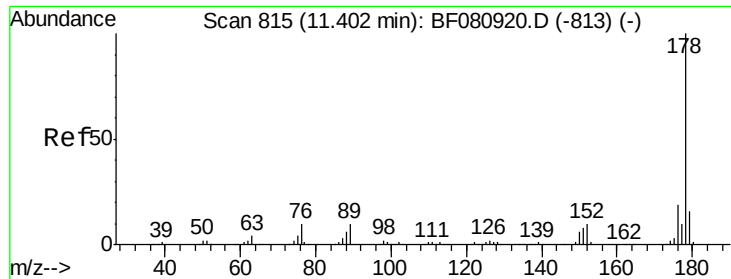
#70
 Phenanthrene
 Concen: 30.96 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.07 min
 Lab File: BF080997.D
 Acq: 14 Aug 2015 1:21

Tgt Ion:178 Resp: 297687
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.6 23.4
 179 15.8 11.9 17.9



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

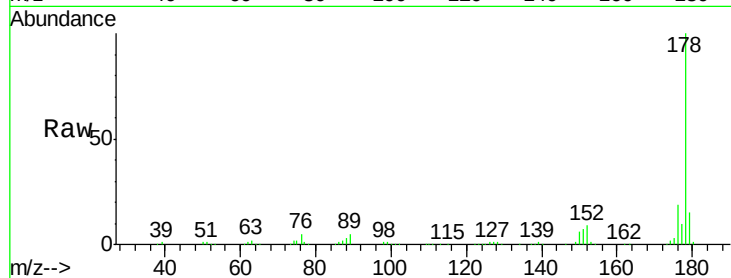




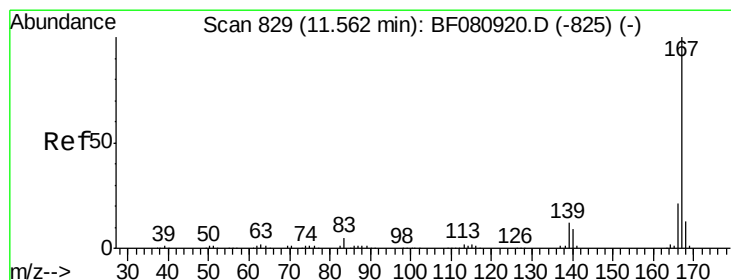
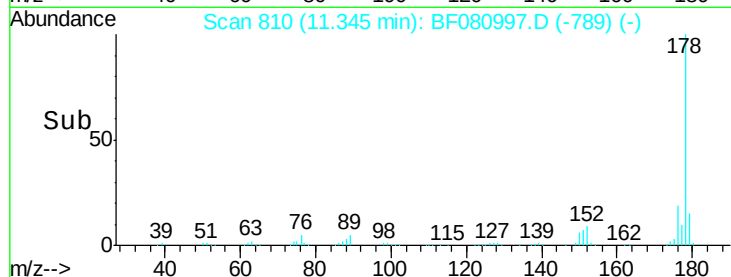
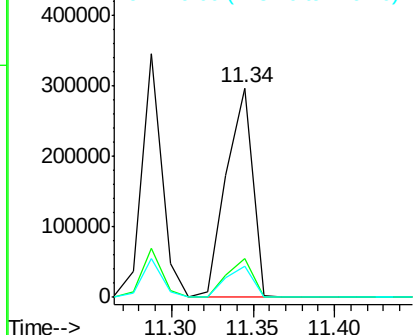
#71
 Anthracene
 Concen: 34.78 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.06 min
 Lab File: BF080997.D
 Acq: 14 Aug 2015 1:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84967BS

Tot Ion:178 Resp: 331074
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.5 23.3
 179 14.7 12.6 18.8

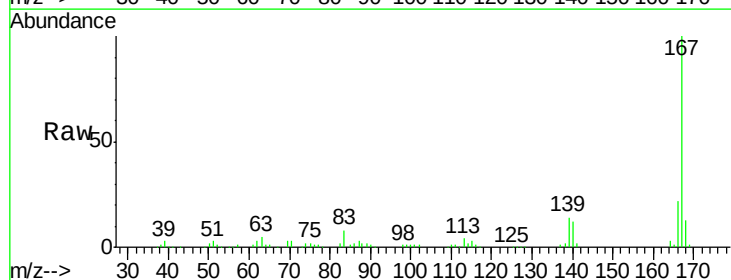


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

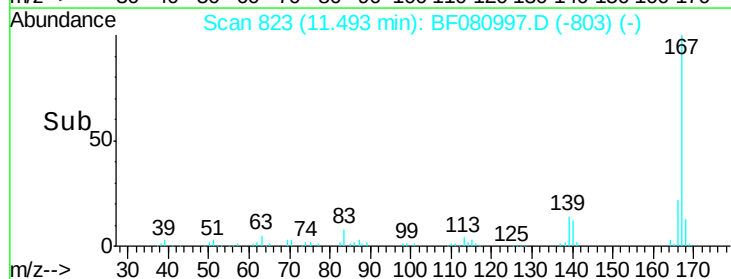
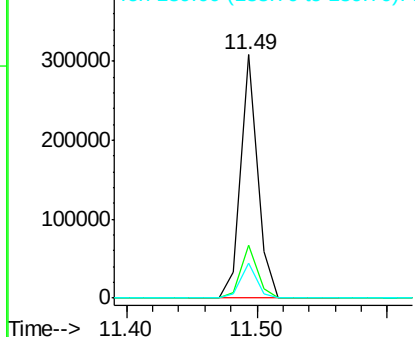


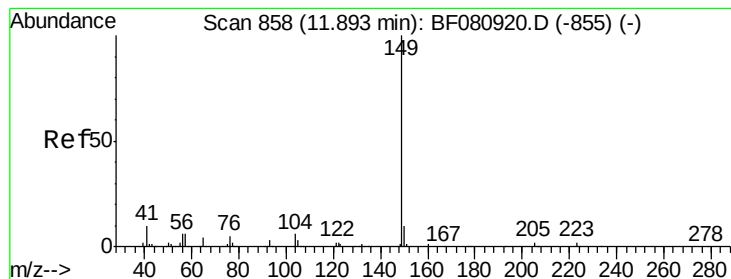
#72
 Carbazole
 Concen: 29.91 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.07 min
 Lab File: BF080997.D
 Acq: 14 Aug 2015 1:21

Tgt Ion:167 Resp: 277220
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.1 25.7
 139 14.5 9.2 13.8#



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





#73

Di-n-butylphthalate

Concen: 35.18 ng

RT: 11.84 min Scan# 853

Delta R.T. -0.06 min

Lab File: BF080997.D

Acq: 14 Aug 2015 1:21

Instrument :

BNA_F

ClientSampleId :

PB84967BS

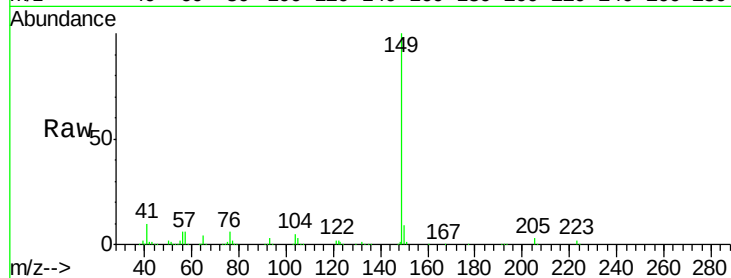
Tot Ion:149 Resp: 407770

Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

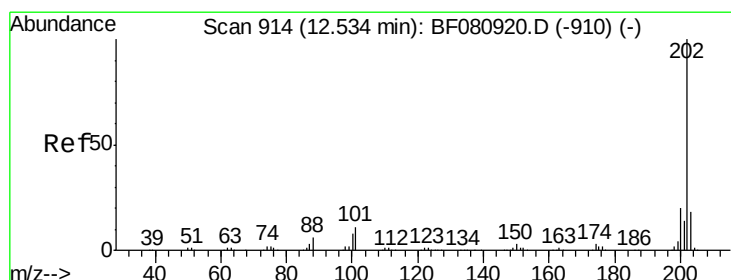
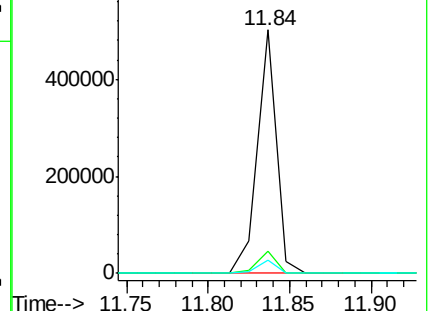
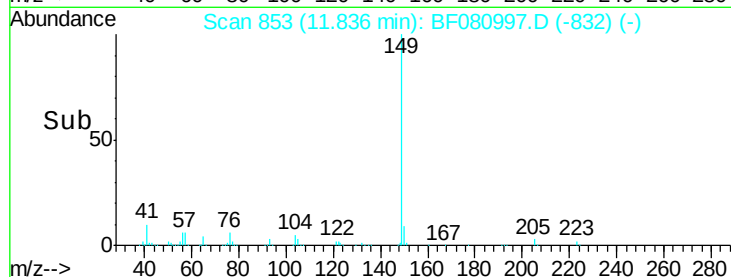
104 5.4 4.4 6.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 26.70 ng

RT: 12.46 min Scan# 908

Delta R.T. -0.07 min

Lab File: BF080997.D

Acq: 14 Aug 2015 1:21

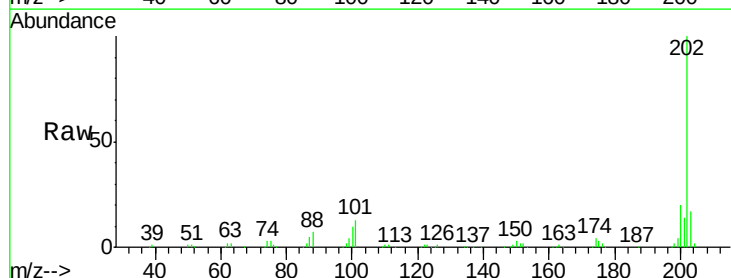
Tgt Ion:202 Resp: 277573

Ion Ratio Lower Upper

202 100

101 13.2 0.0 30.5

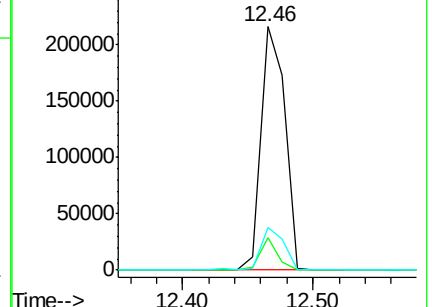
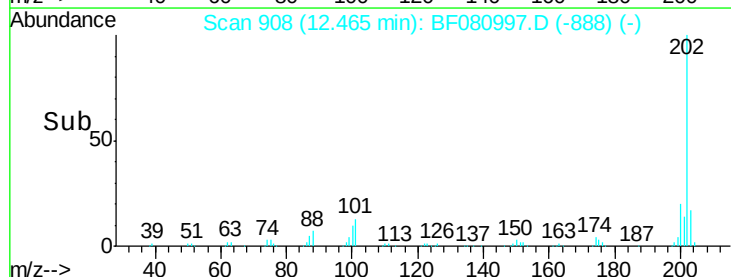
203 17.3 0.0 37.7

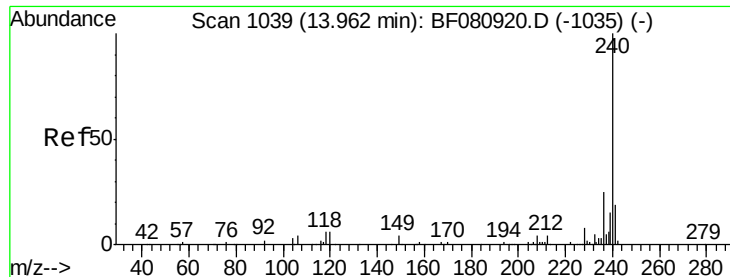


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.07 min

Lab File: BF080997.D

Acq: 14 Aug 2015 1:21

Instrument :

BNA_F

ClientSampleId :

PB84967BS

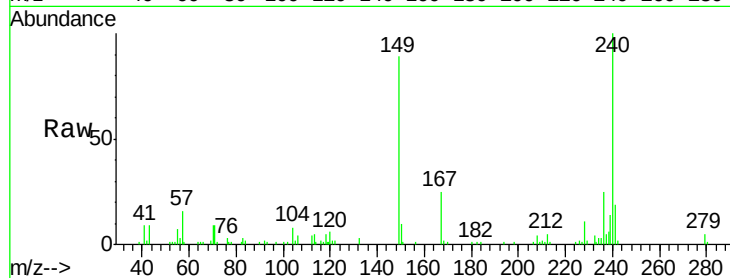
Tot Ion:240 Resp: 48379

Ion Ratio Lower Upper

240 100

120 5.9 5.2 7.8

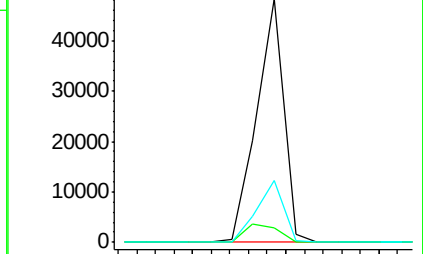
236 25.2 20.2 30.4



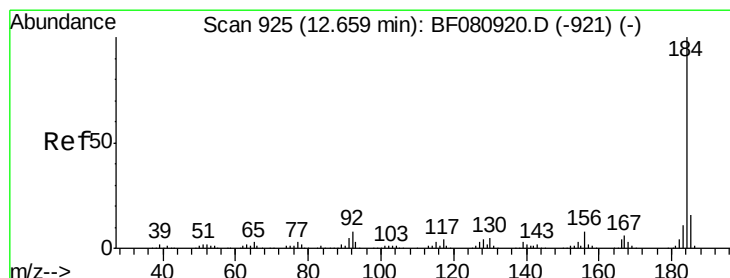
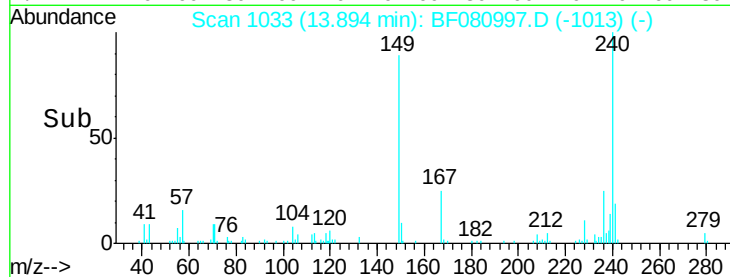
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: Below Cal

RT: 12.60 min Scan# 920

Delta R.T. -0.06 min

Lab File: BF080997.D

Acq: 14 Aug 2015 1:21

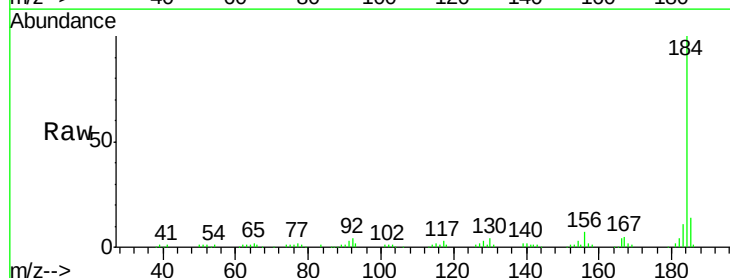
Tgt Ion:184 Resp: 166836

Ion Ratio Lower Upper

184 100

185 14.2 13.0 19.4

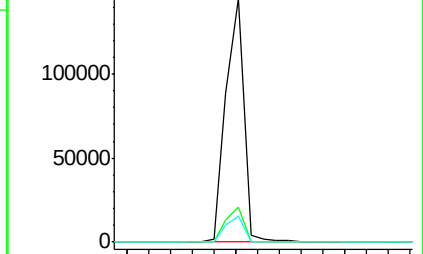
183 10.5 8.7 13.1



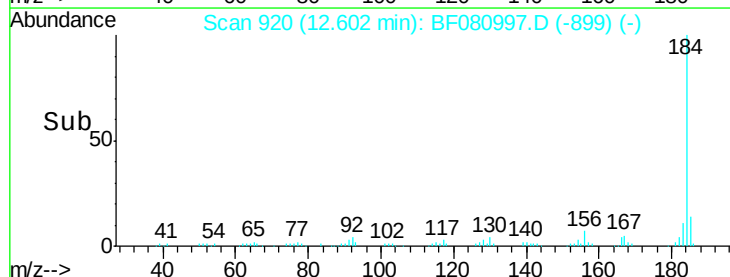
Abundance Ion 184.00 (183.70 to 184.70): E

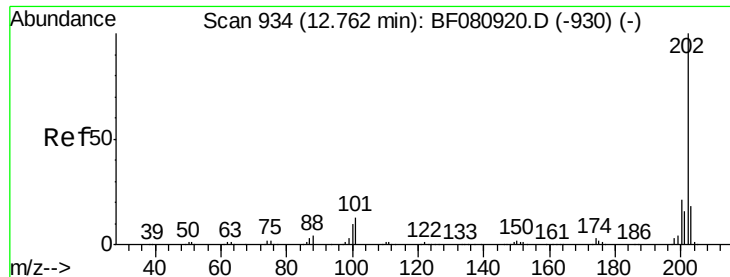
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->





#77

Pvrene

Concen: 63.32 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.07 min

Lab File: BF080997.D

Acq: 14 Aug 2015 1:21

Instrument :

BNA_F

ClientSampleId :

PB84967BS

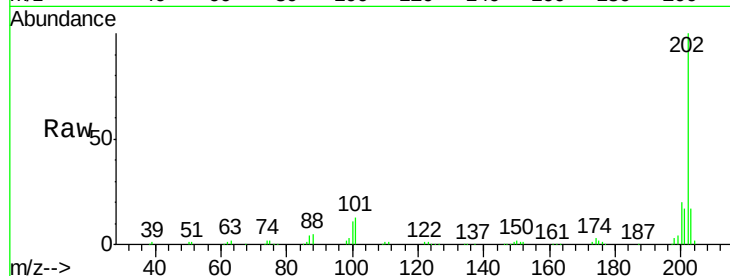
Tot Ion:202 Resp: 226301

Ion Ratio Lower Upper

202 100

200 20.4 16.6 24.8

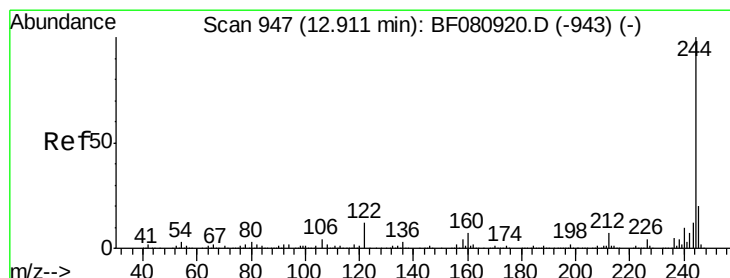
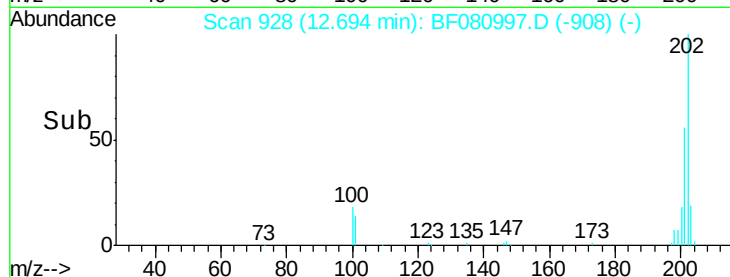
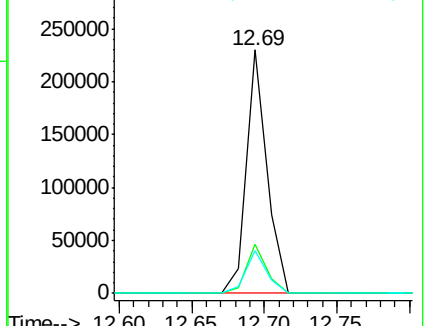
203 17.4 14.2 21.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 119.70 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.07 min

Lab File: BF080997.D

Acq: 14 Aug 2015 1:21

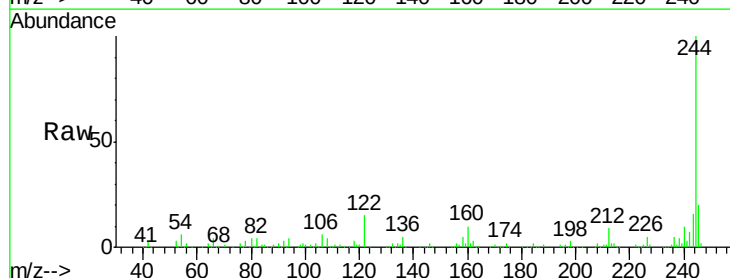
Tgt Ion:244 Resp: 280362

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

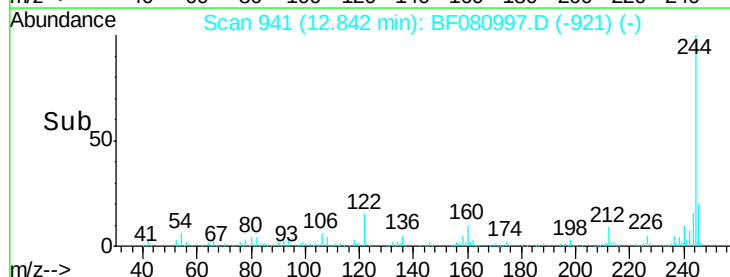
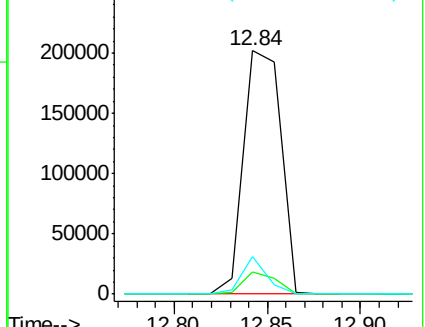
122 15.3 9.4 14.2#

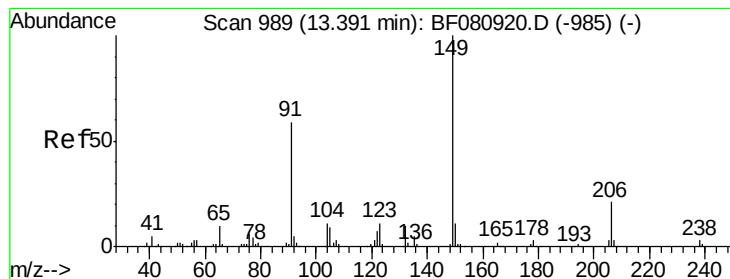


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 37.89 ng

RT: 13.32 min Scan# 983

Delta R.T. -0.07 min

Lab File: BF080997.D

Acq: 14 Aug 2015 1:21

Instrument :

BNA_F

ClientSampleID :

PB84967BS

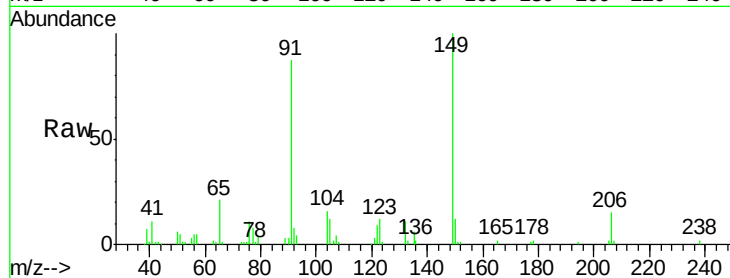
Tot Ion:149 Resp: 65277

Ion Ratio Lower Upper

149 100

91 86.7 47.2 70.8#

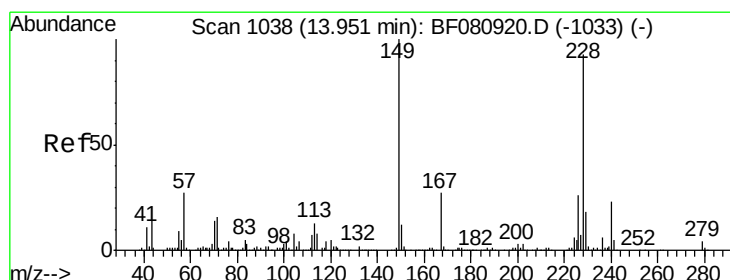
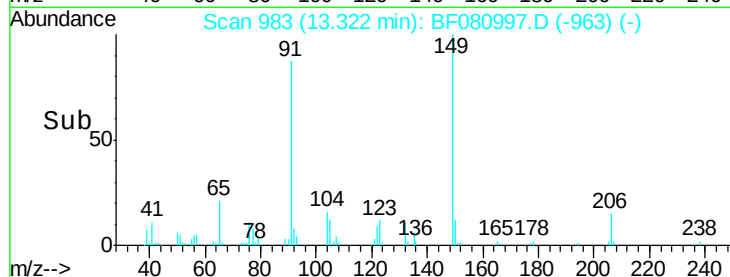
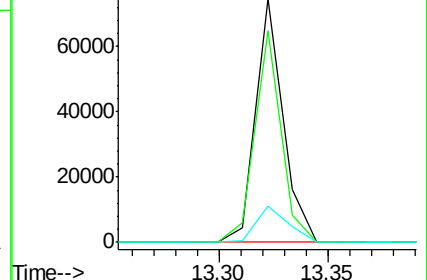
206 15.0 16.5 24.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 35.44 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.07 min

Lab File: BF080997.D

Acq: 14 Aug 2015 1:21

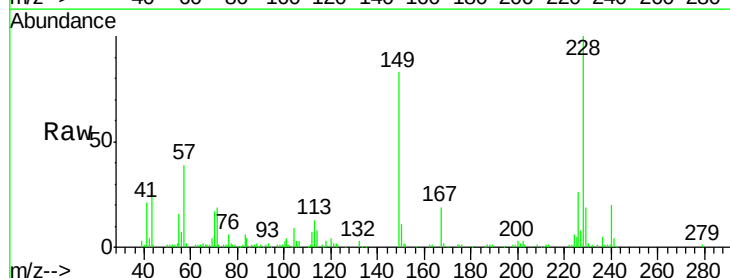
Tgt Ion:228 Resp: 108292

Ion Ratio Lower Upper

228 100

226 26.0 22.2 33.2

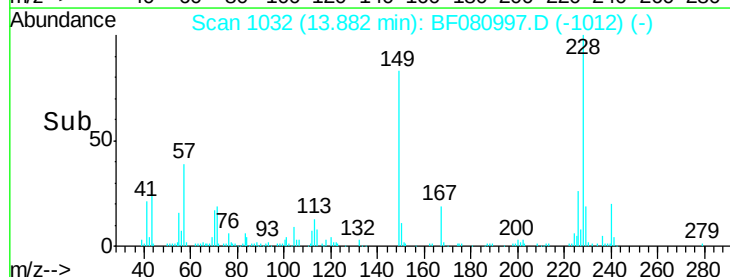
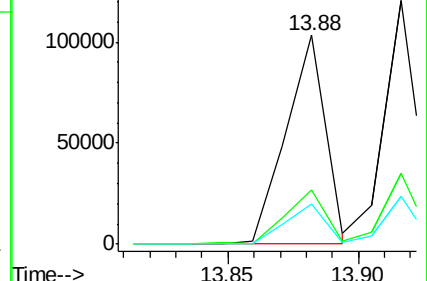
229 19.4 15.8 23.6

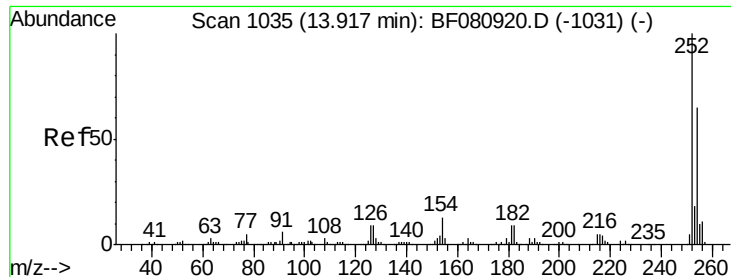


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

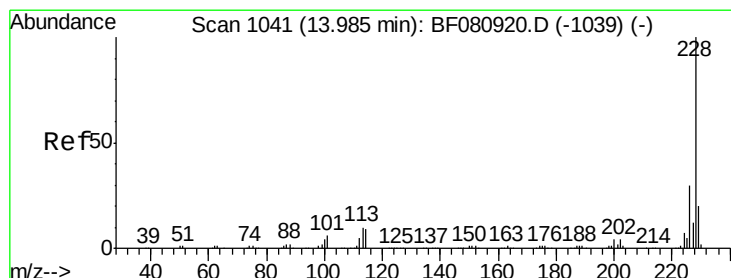
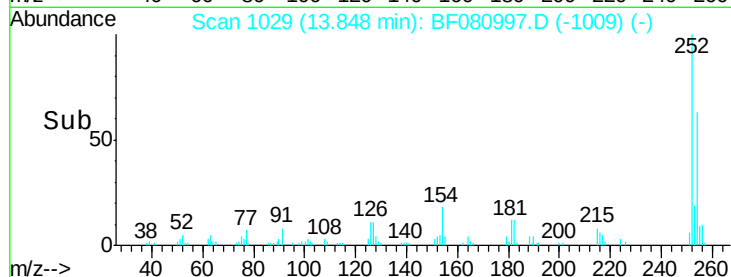
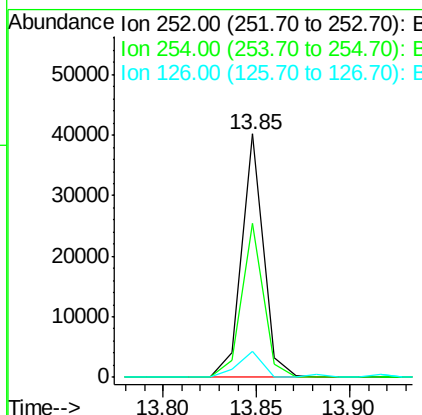
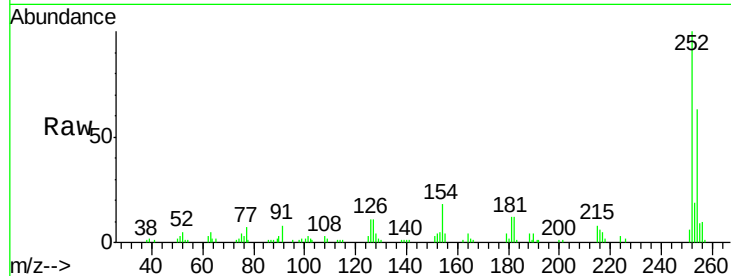




#81
 3,3'-Dichlorobenzidine
 Concen: 29.54 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.07 min
 Lab File: BF080997.D
 Acq: 14 Aug 2015 1:21

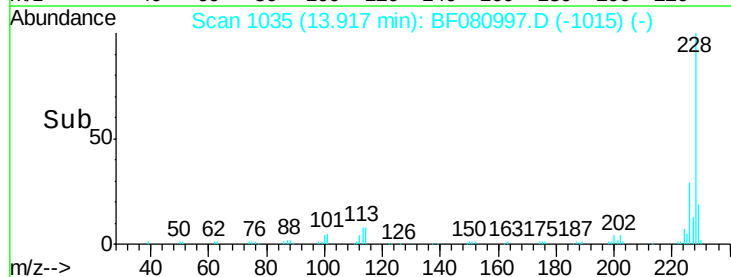
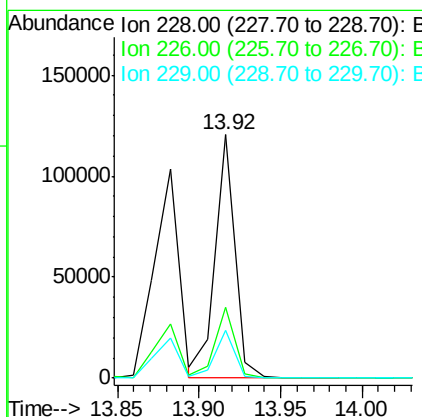
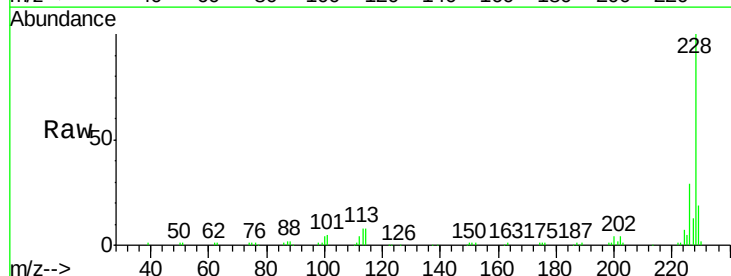
Instrument :
 BNA_F
 ClientSampleId :
 PB84967BS

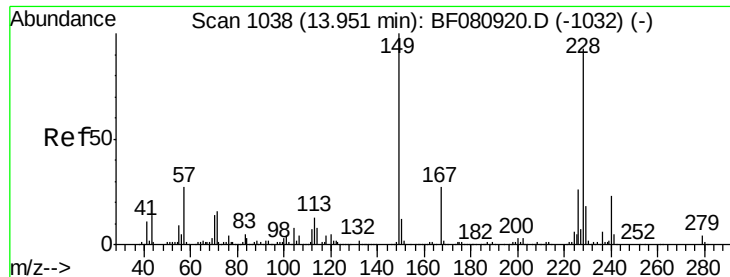
Tot Ion:252 Resp: 32841
 Ion Ratio Lower Upper
 252 100
 254 63.4 51.7 77.5
 126 10.6 7.1 10.7



#82
 Chrysene
 Concen: 34.81 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.07 min
 Lab File: BF080997.D
 Acq: 14 Aug 2015 1:21

Tgt Ion:228 Resp: 101855
 Ion Ratio Lower Upper
 228 100
 226 29.3 23.9 35.9
 229 19.5 15.8 23.6

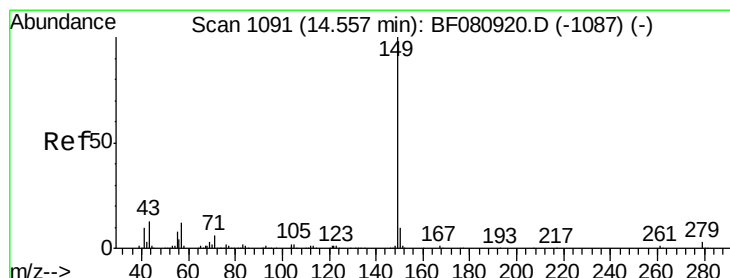
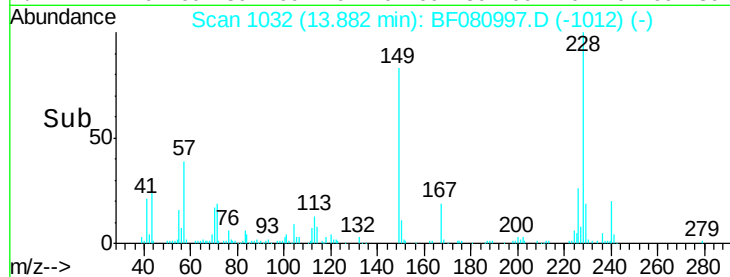
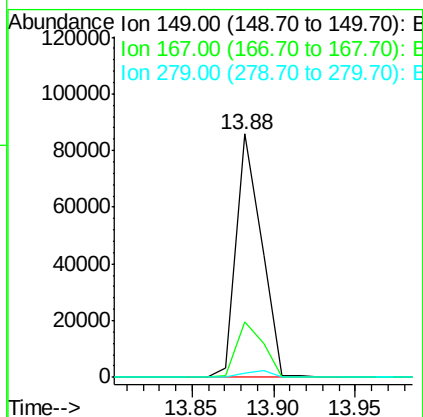
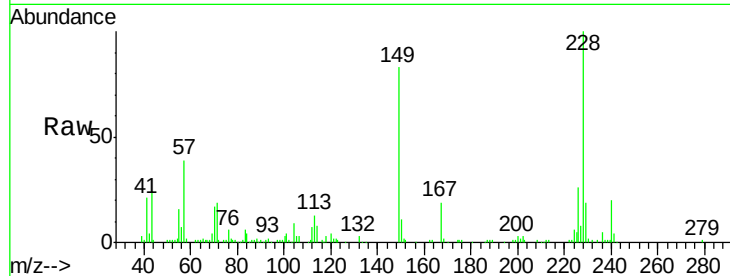




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.19 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.07 min
 Lab File: BF080997.D
 Acq: 14 Aug 2015 1:21

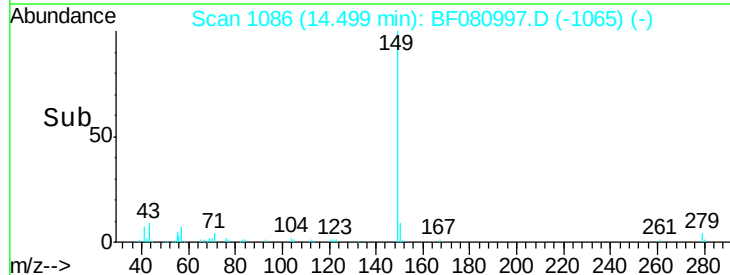
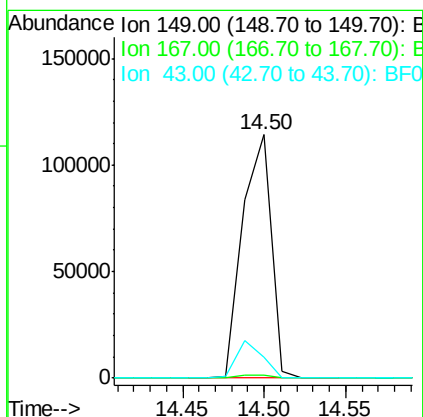
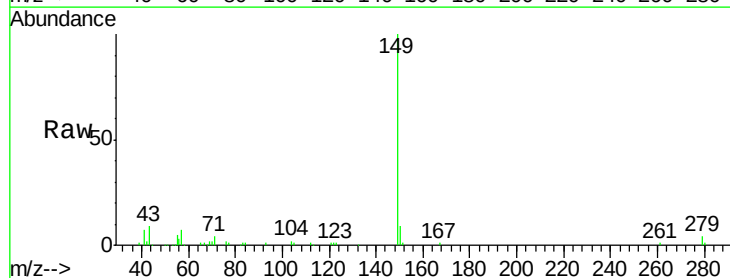
Instrument :
 BNA_F
 ClientSampleId :
 PB84967BS

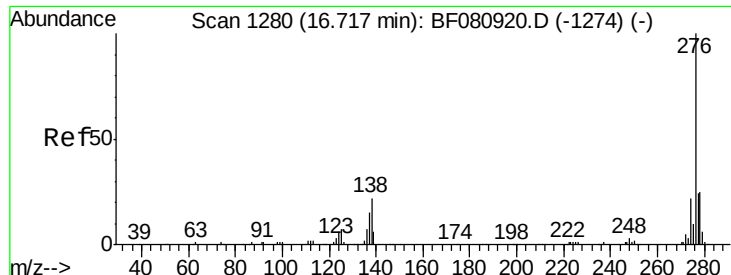
Tot Ion	Ratio	Lower	Upper
149	100		
167	22.9	21.4	32.0
279	1.6	2.9	4.3#



#84
 Di-n-octyl phthalate
 Concen: 34.14 ng
 RT: 14.50 min Scan# 1086
 Delta R.T. -0.06 min
 Lab File: BF080997.D
 Acq: 14 Aug 2015 1:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	13.9	11.0	16.4

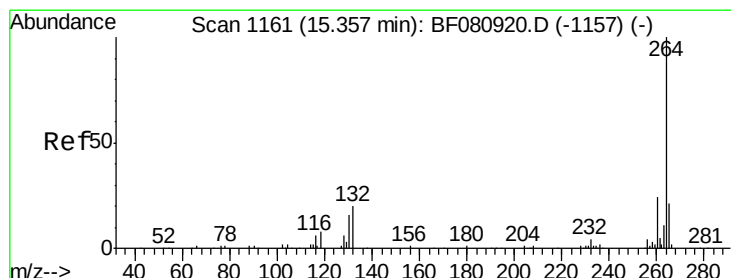
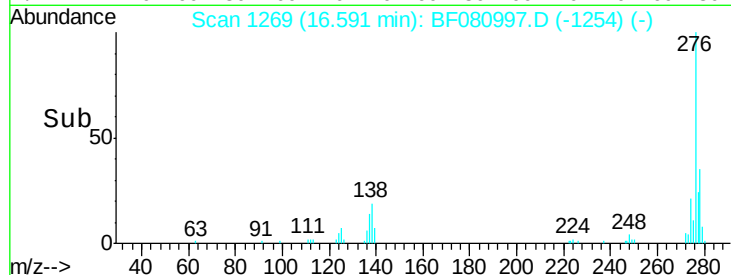
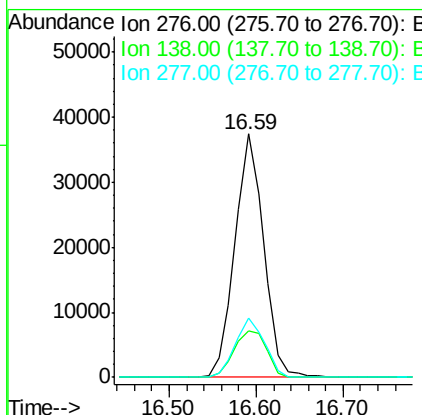
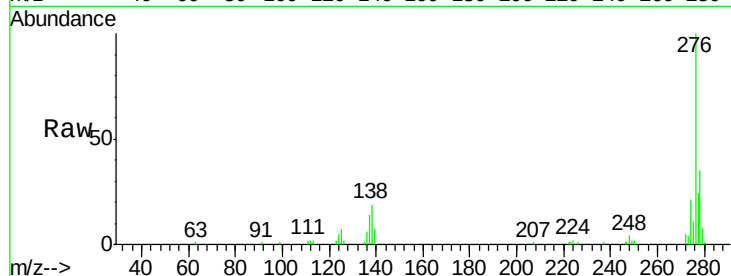




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.05 ng
 RT: 16.59 min Scan# 1269
 Delta R.T. -0.13 min
 Lab File: BF080997.D
 Acq: 14 Aug 2015 1:21

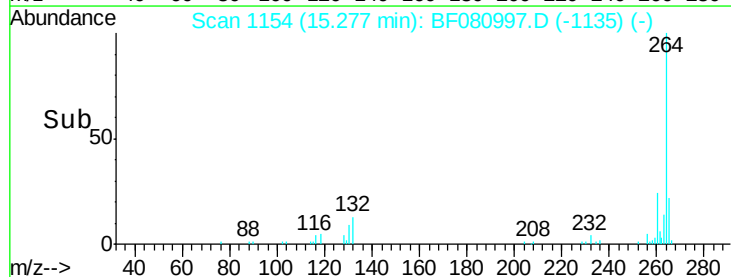
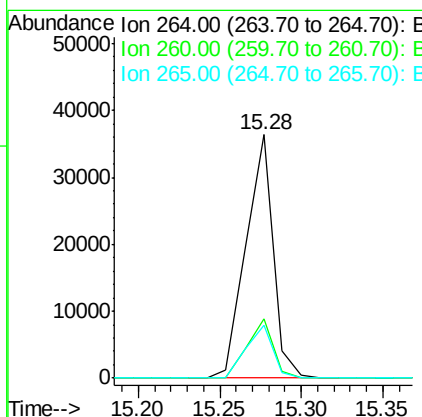
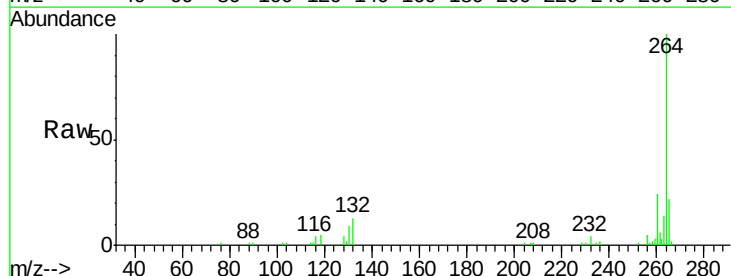
Instrument :
 BNA_F
 ClientSampleId :
 PB84967BS

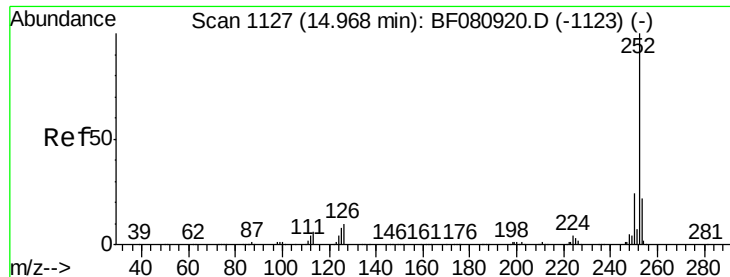
Tot Ion	Ratio	Lower	Upper
276	100		
138	21.7	19.9	29.9
277	24.4	19.7	29.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1154
 Delta R.T. -0.08 min
 Lab File: BF080997.D
 Acq: 14 Aug 2015 1:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	21.8	17.0	25.4

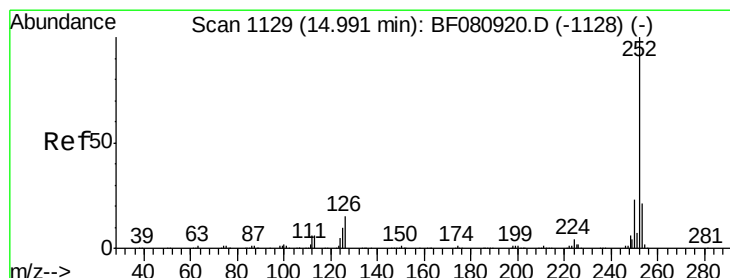
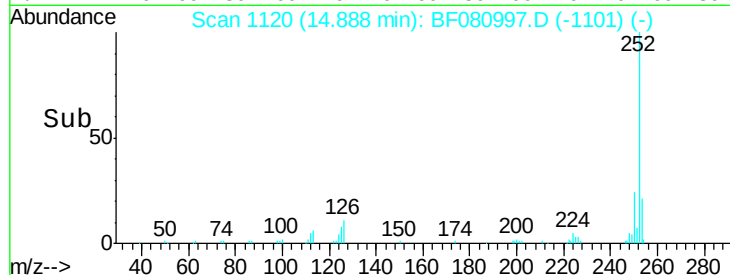
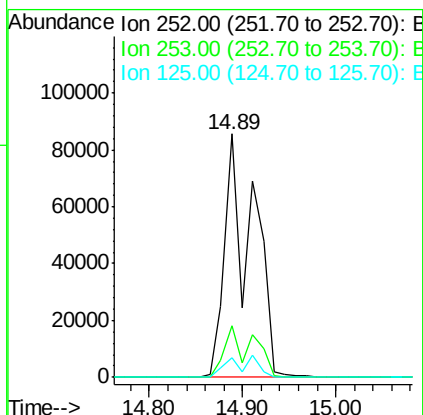
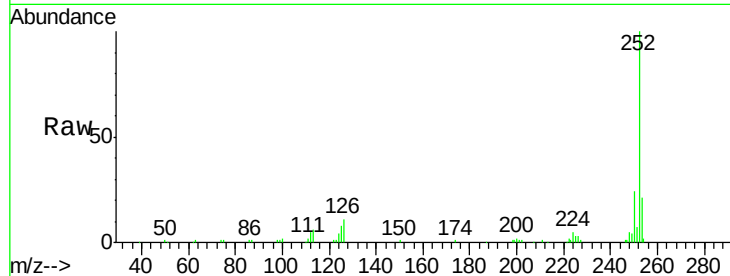




#87
Benzo(b)fluoranthene
Concen: 60.46 ng
RT: 14.89 min Scan# 1120
Delta R.T. -0.08 min
Lab File: BF080997.D
Acq: 14 Aug 2015 1:21

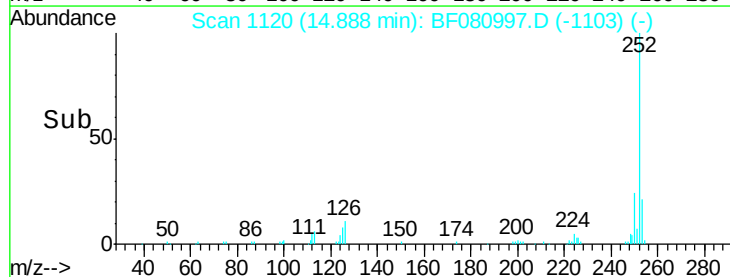
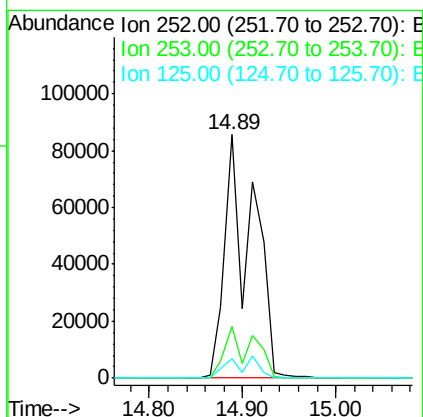
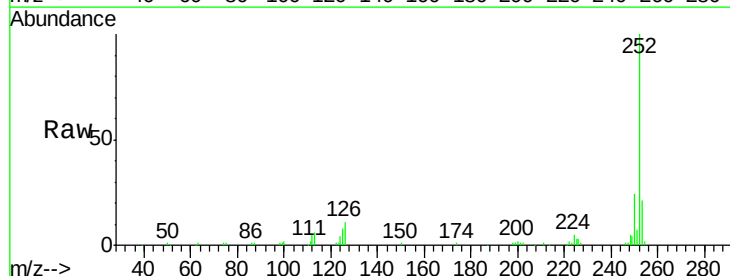
Instrument :
BNA_F
ClientSampleId :
PB84967BS

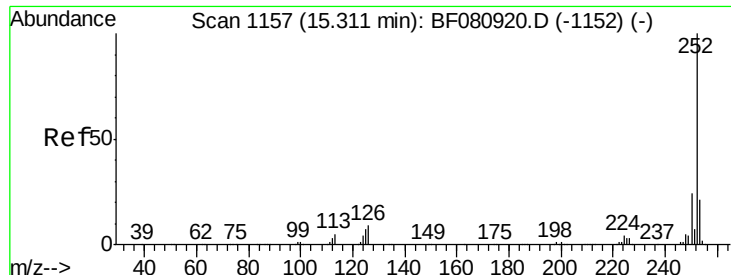
Tot Ion:252 Resp: 176488
Ion Ratio Lower Upper
252 100
253 21.0 17.6 26.4
125 8.2 6.1 9.1



#88
Benzo(k)fluoranthene
Concen: 69.11 ng
RT: 14.89 min Scan# 1120
Delta R.T. -0.10 min
Lab File: BF080997.D
Acq: 14 Aug 2015 1:21

Tgt Ion:252 Resp: 176488
Ion Ratio Lower Upper
252 100
253 21.0 17.4 26.2
125 8.2 9.0 13.6#

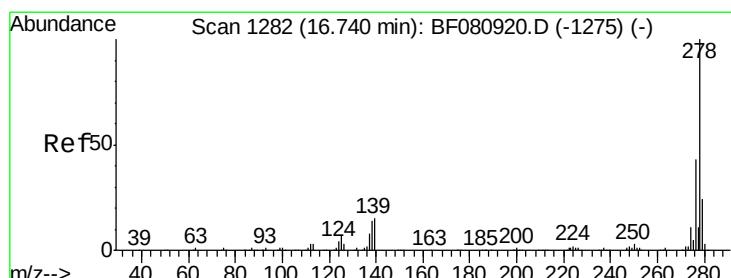
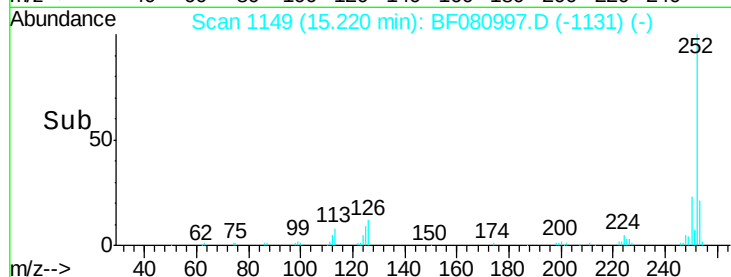
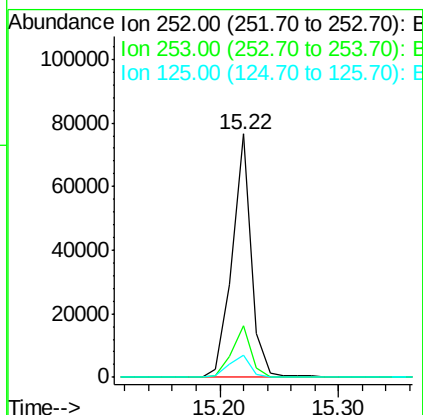
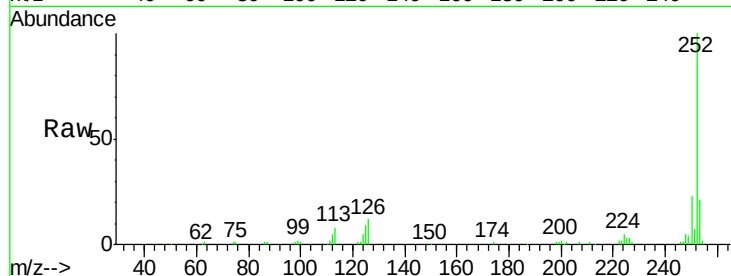




#89
Benzo(a)pyrene
Concen: 34.11 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.09 min
Lab File: BF080997.D
Acq: 14 Aug 2015 1:21

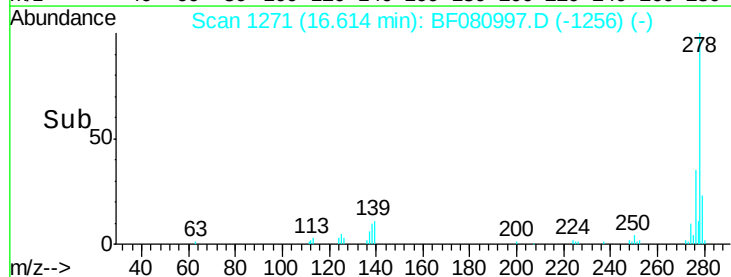
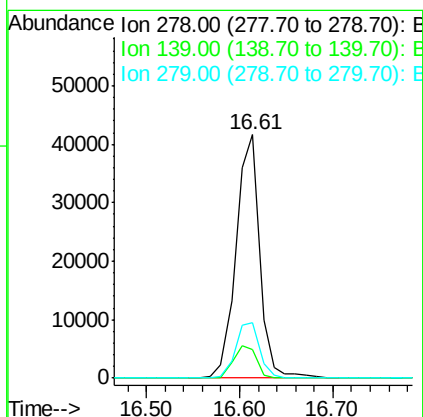
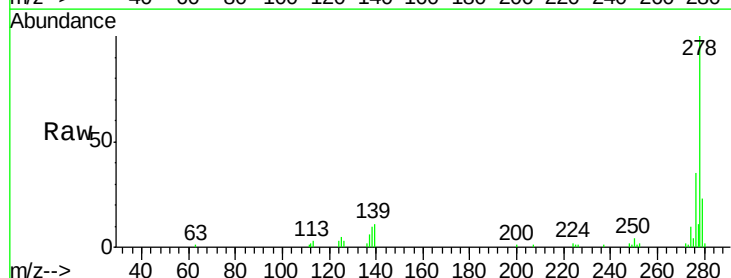
Instrument :
BNA_F
ClientSampleId :
PB84967BS

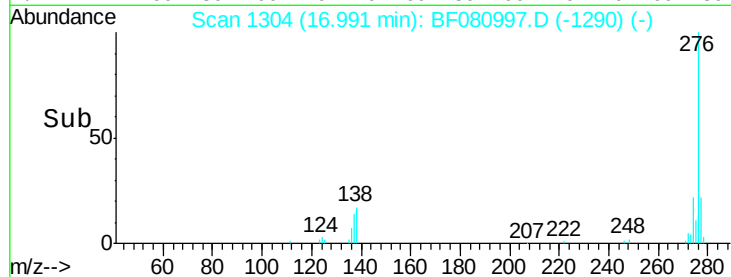
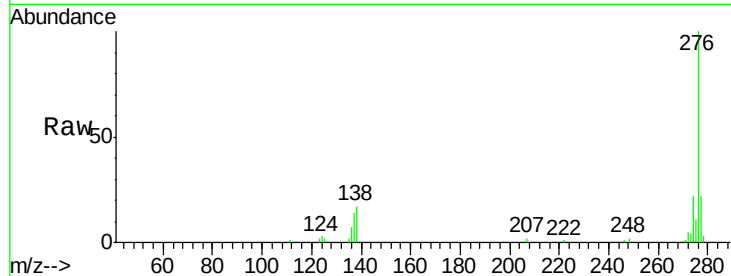
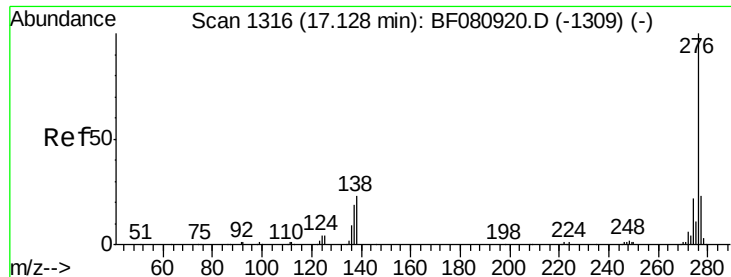
Tot Ion:252 Resp: 85587
Ion Ratio Lower Upper
252 100
253 21.0 16.9 25.3
125 9.1 5.8 8.8#



#90
Dibenzo(a,h)anthracene
Concen: 33.27 ng
RT: 16.61 min Scan# 1271
Delta R.T. -0.13 min
Lab File: BF080997.D
Acq: 14 Aug 2015 1:21

Tgt Ion:278 Resp: 73819
Ion Ratio Lower Upper
278 100
139 11.5 11.9 17.9#
279 22.8 19.0 28.6





#91

Benzo(a,h,i)perylene

Concen: 30.02 ng

RT: 16.99 min Scan# 1304

Delta R.T. -0.14 min

Lab File: BF080997.D

Acq: 14 Aug 2015 1:21

Instrument :

BNA_F

ClientSampleId :

PB84967BS

Tot Ion: 276 Resp: 64792

Ion Ratio Lower Upper

276 100

277 22.4 18.6 28.0

138 16.6 18.4 27.6#

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

