

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
 Data File : BF084093.D
 Acq On : 24 Dec 2015 21:55
 Operator : UM/SJ
 Sample : PB87153BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87153BS

Quant Time: Dec 25 01:44:46 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 16:48:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	51527	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	204457	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	94316	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	180142	20.00	ng	0.00
75) Chrysene-d12	13.96	240	136523	20.00	ng	0.00
86) Perylene-d12	15.38	264	99044	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	374899	123.36	ng	0.01
7) Phenol-d6	6.45	99	442281	117.61	ng	0.00
23) Nitrobenzene-d5	7.37	82	274000	78.44	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	128169	127.43	ng	0.01
44) 2-Fluorobiphenyl	9.16	172	542798	78.75	ng	0.00
78) Terphenyl-d14	12.90	244	509370	67.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	40758	32.72	ng	98
3) Pyridine	3.14	79	100951	33.18	ng	98
4) n-Nitrosodimethylamine	3.08	42	53139	39.64	ng	93
6) Aniline	6.46	93	149077	31.36	ng	# 63
8) 2-Chlorophenol	6.59	128	150136	39.78	ng	96
9) Benzaldehyde	6.35	77	21885	10.88	ng	89
10) Phenol	6.46	94	145669	33.87	ng	# 56
11) bis(2-Chloroethyl)ether	6.53	93	117133	37.76	ng	93
12) 1,3-Dichlorobenzene	6.74	146	153088	37.15	ng	98
13) 1,4-Dichlorobenzene	6.74	146	153088	36.92	ng	95
14) 1,2-Dichlorobenzene	6.97	146	141924	37.14	ng	98
15) Benzyl Alcohol	6.96	79	120567	42.33	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.08	45	109873	36.26	ng	58
17) 2-Methylphenol	7.07	107	106583	36.78	ng	# 91
18) Hexachloroethane	7.31	117	57011	37.67	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	90354	39.01	ng	# 89
20) 3+4-Methylphenols	7.23	107	149426	40.42	ng	# 48
22) Acetophenone	7.22	105	193907	37.96	ng	# 91
24) Nitrobenzene	7.39	77	136474	36.80	ng	# 84
25) Isophorone	7.63	82	251514	38.93	ng	# 94
26) 2-Nitrophenol	7.70	139	74088	39.03	ng	# 82
27) 2,4-Dimethylphenol	7.76	122	135726	43.09	ng	95
28) bis(2-Chloroethoxy)methane	7.84	93	146508	38.89	ng	100
29) 2,4-Dichlorophenol	7.95	162	117046	40.00	ng	96
30) 1,2,4-Trichlorobenzene	8.03	180	122866	38.32	ng	98
31) Naphthalene	8.11	128	420163	38.63	ng	98
32) Benzoic acid	7.89	122	59639	39.48	ng	97
33) 4-Chloroaniline	8.16	127	127850	29.54	ng	98
34) Hexachlorobutadiene	8.22	225	67300	36.80	ng	100
35) Caprolactam	8.53	113	22459	27.68	ng	90
36) 4-Chloro-3-methylphenol	8.66	107	138914	42.22	ng	94
37) 2-Methylnaphthalene	8.80	142	270467	39.72	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	122774	41.29	ng	99
40) Hexachlorocyclopentadiene	8.96	237	71170	81.53	ng	99

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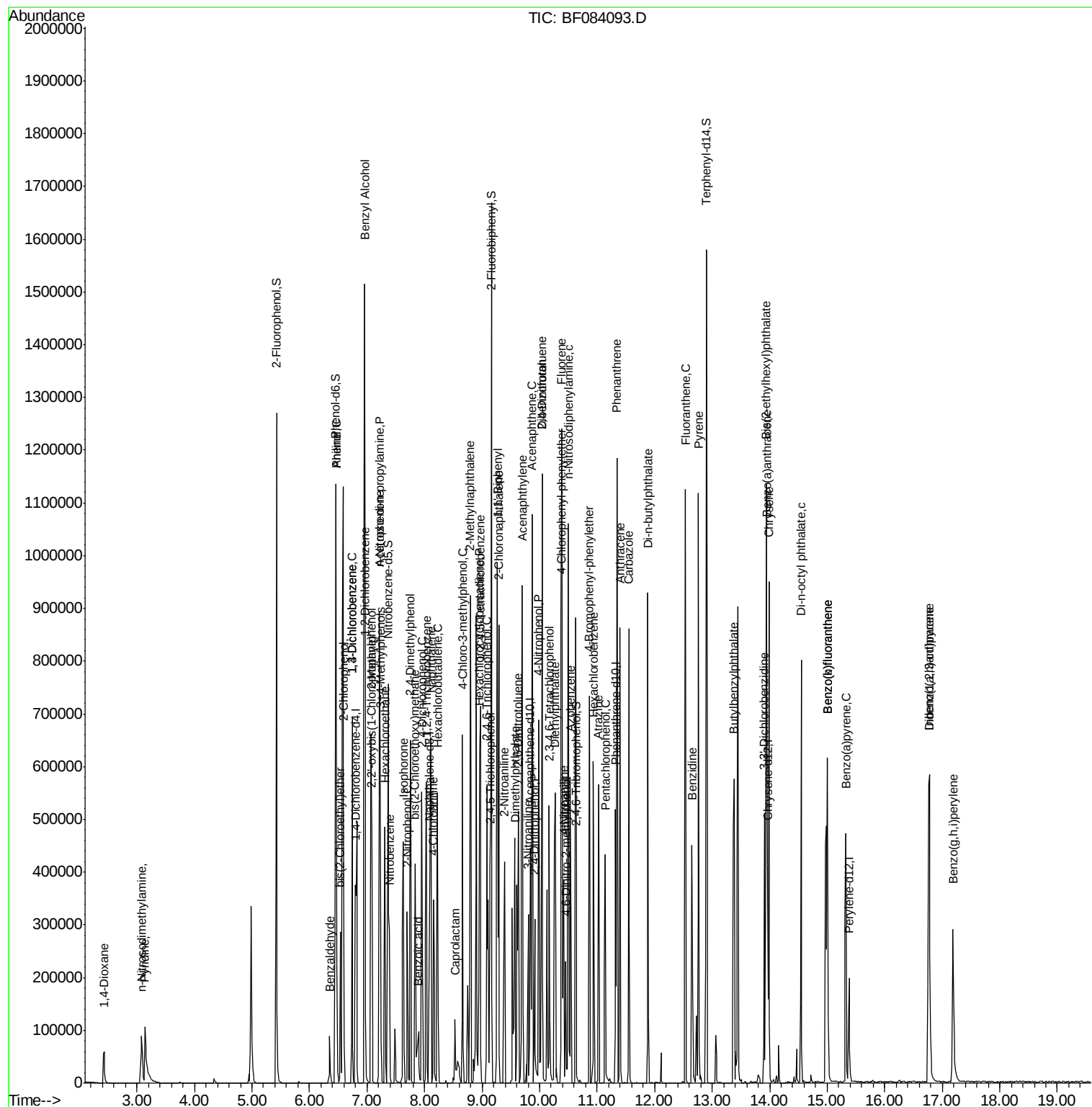
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	73178	37.75	ng	98
43) 2,4,5-Trichlorophenol	9.14	196	77332	39.85	ng	99
45) 1,1'-Biphenyl	9.26	154	353854	41.53	ng	97
46) 2-Chloronaphthalene	9.29	162	262566	40.53	ng	96
47) 2-Nitroaniline	9.39	65	75841	44.06	ng	# 59
48) Acenaphthylene	9.70	152	411652	38.69	ng	100
49) Dimethylphthalate	9.57	163	317155	40.60	ng	# 90
50) 2,6-Dinitrotoluene	9.63	165	72889	43.96	ng	# 85
51) Acenaphthene	9.87	154	238923	38.62	ng	99
52) 3-Nitroaniline	9.80	138	61842	34.75	ng	# 77
53) 2,4-Dinitrophenol	9.92	184	50371	78.74	ng	97
54) Dibenzofuran	10.04	168	346245	40.69	ng	# 90
55) 4-Nitrophenol	9.98	139	74482	82.01	ng	# 76
56) 2,4-Dinitrotoluene	10.04	165	94105	42.99	ng	88
57) Fluorene	10.38	166	288197	39.85	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	67688	48.93	ng	94
59) Diethylphthalate	10.27	149	320968	40.45	ng	99
60) 4-Chlorophenyl-phenylether	10.37	204	119222	35.75	ng	# 78
61) 4-Nitroaniline	10.42	138	79100	48.10	ng	97
62) Azobenzene	10.53	77	284811	43.57	ng	88
64) 4,6-Dinitro-2-methylphenol	10.45	198	42941	42.95	ng	83
65) n-Nitrosodiphenylamine	10.50	169	262659	40.90	ng	99
66) 4-Bromophenyl-phenylether	10.86	248	82052	39.32	ng	# 78
67) Hexachlorobenzene	10.93	284	87926	38.48	ng	# 72
68) Atrazine	11.02	200	66575	34.42	ng	98
69) Pentachlorophenol	11.14	266	63926	84.58	ng	97
70) Phenanthrene	11.34	178	415027	38.86	ng	99
71) Anthracene	11.40	178	441747	39.56	ng	98
72) Carbazole	11.55	167	367129	38.65	ng	100
73) Di-n-butylphthalate	11.88	149	463631	37.88	ng	# 97
74) Fluoranthene	12.53	202	448264	39.06	ng	97
76) Benzidine	12.65	184	182353	39.30	ng	99
77) Pyrene	12.76	202	454342	38.57	ng	99
79) Butylbenzylphthalate	13.38	149	203206	41.68	ng	# 77
80) Benzo(a)anthracene	13.95	228	338341	40.29	ng	99
81) 3,3'-Dichlorobenzidine	13.91	252	93592	36.80	ng	# 95
82) Chrysene	13.99	228	296366	38.27	ng	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	265428	42.13	ng	# 96
84) Di-n-octyl phthalate	14.55	149	391985	44.22	ng	100
85) Indeno(1,2,3-cd)pyrene	16.77	276	291246	37.56	ng	99
87) Benzo(b)fluoranthene	15.00	252	549848	74.76	ng	99
88) Benzo(k)fluoranthene	15.00	252	549848	110.31	ng	# 97
89) Benzo(a)pyrene	15.32	252	258148	42.60	ng	100
90) Dibenzo(a,h)anthracene	16.77	278	246736	41.72	ng	# 95
91) Benzo(g,h,i)perylene	17.19	276	253398	41.98	ng	96

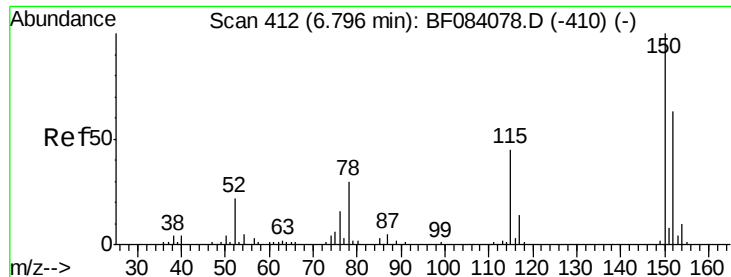
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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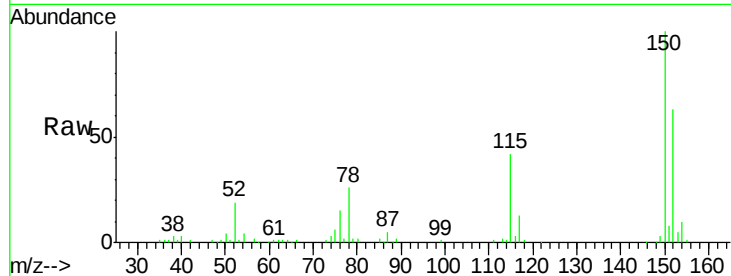


#1

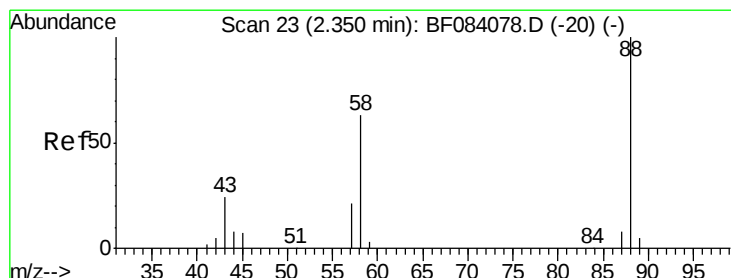
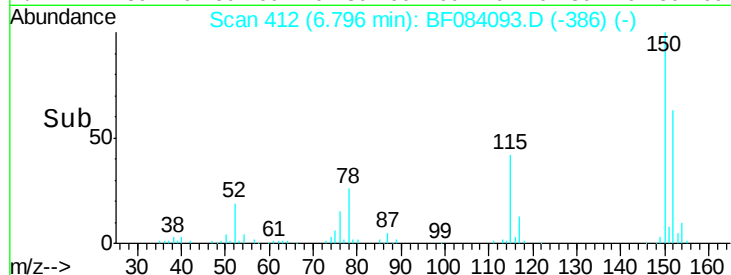
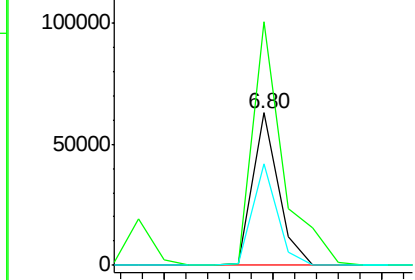
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF084093.D
Acq: 24 Dec 2015 21:55

Instrument :
BNA_F
ClientSampleId :
PB87153BS

Tgt Ion:152 Resp: 51527
Ion Ratio Lower Upper
152 100
150 159.9 123.0 184.4
115 66.8 51.4 77.2



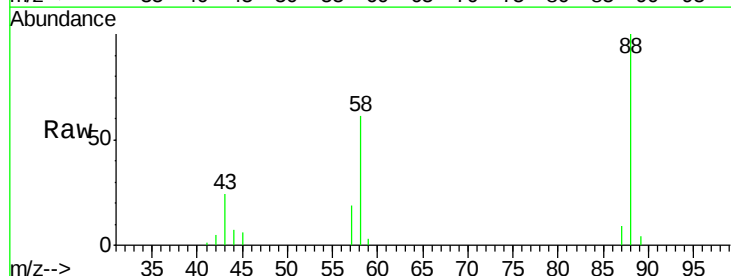
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



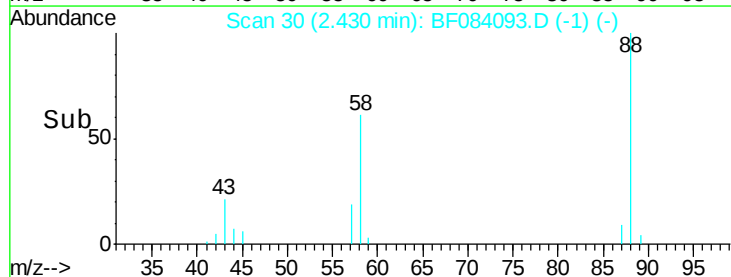
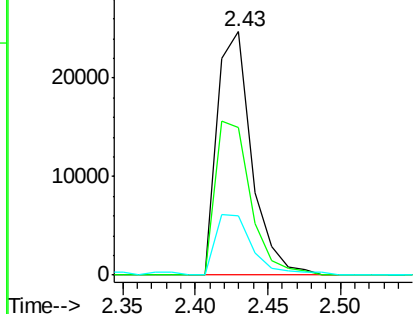
#2

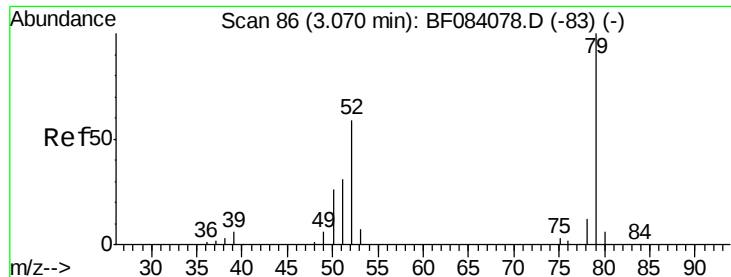
1,4-Dioxane
Concen: 32.72 ng
RT: 2.43 min Scan# 30
Delta R.T. 0.08 min
Lab File: BF084093.D
Acq: 24 Dec 2015 21:55

Tgt Ion: 88 Resp: 40758
Ion Ratio Lower Upper
88 100
58 64.8 51.2 76.8
43 27.5 19.5 29.3



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 33.18 ng

RT: 3.14 min Scan# 92

Delta R.T. 0.07 min

Lab File: BF084093.D

Acq: 24 Dec 2015 21:55

Instrument :

BNA_F

ClientSampleId :

PB87153BS

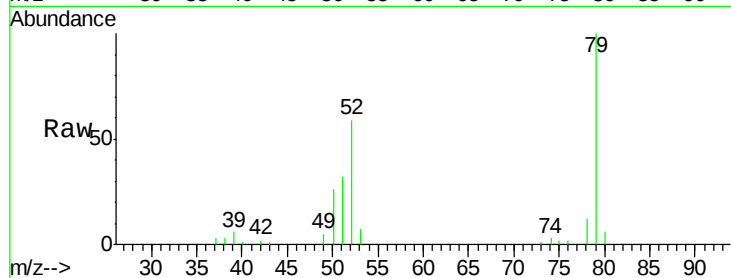
Tgt Ion: 79 Resp: 100951

Ion Ratio Lower Upper

79 100

52 58.9 49.0 73.4

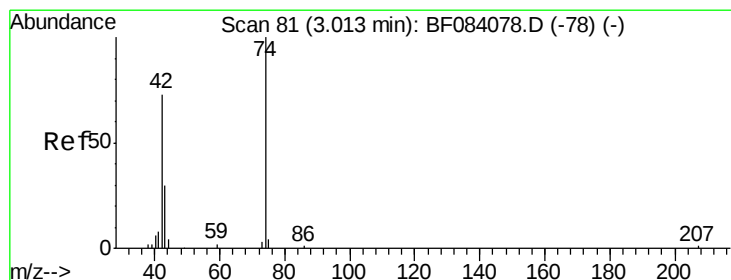
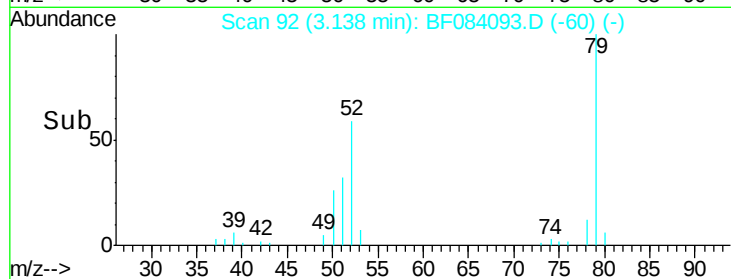
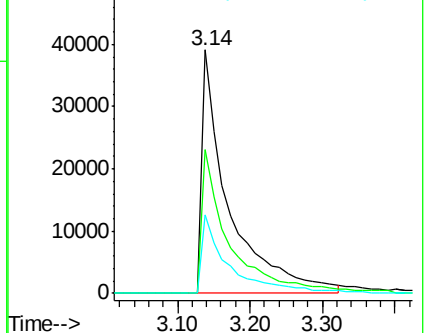
51 32.1 25.2 37.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.64 ng

RT: 3.08 min Scan# 87

Delta R.T. 0.07 min

Lab File: BF084093.D

Acq: 24 Dec 2015 21:55

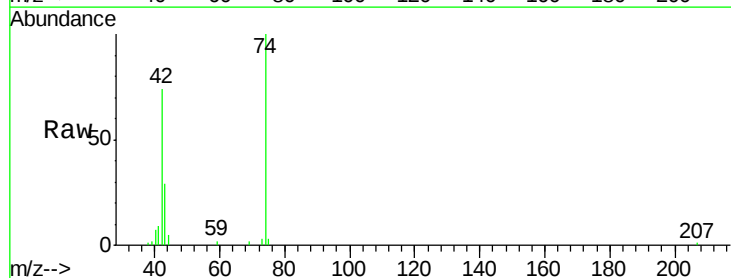
Tgt Ion: 42 Resp: 53139

Ion Ratio Lower Upper

42 100

74 135.6 115.7 173.5

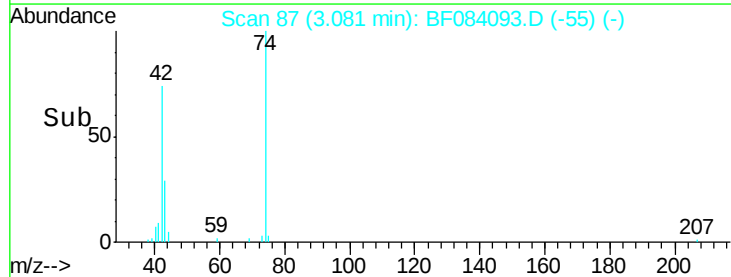
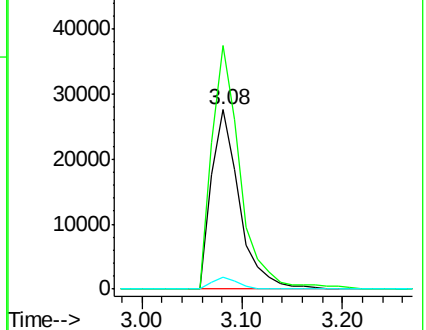
44 6.8 5.1 7.7

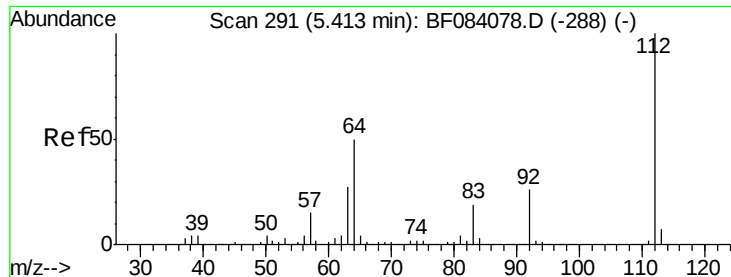


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 123.36 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF084093.D

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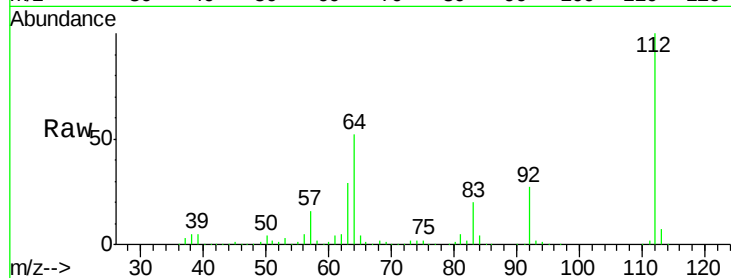
Tgt Ion: 112 Resp: 374899

Ion Ratio Lower Upper

112 100

64 52.4 36.6 55.0

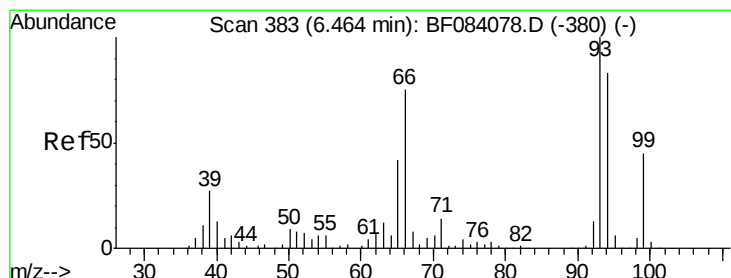
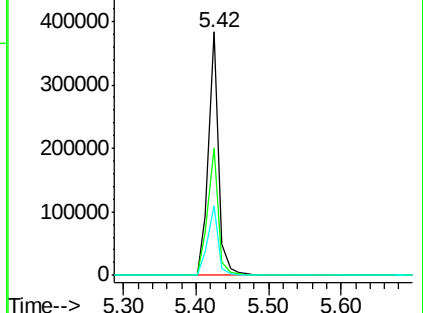
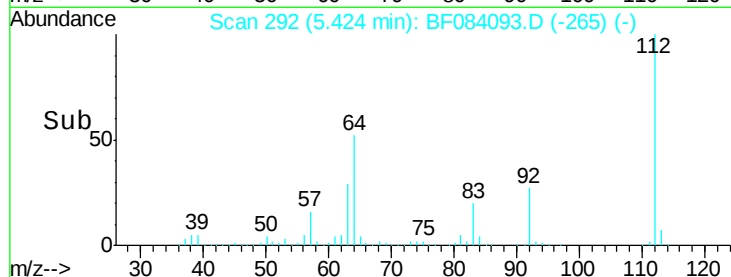
63 28.6 19.4 29.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 31.36 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF084093.D

Acq: 24 Dec 2015 21:55

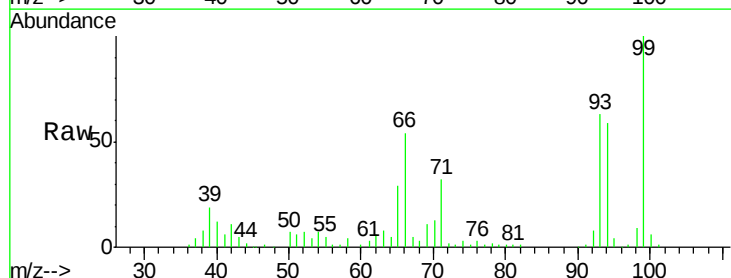
Tgt Ion: 93 Resp: 149077

Ion Ratio Lower Upper

93 100

66 85.5 44.9 67.3#

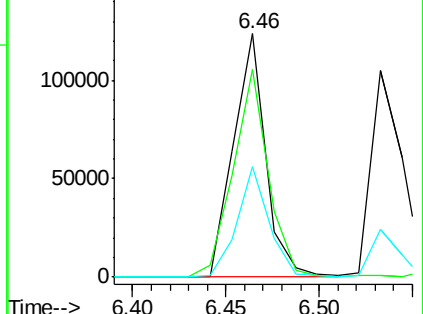
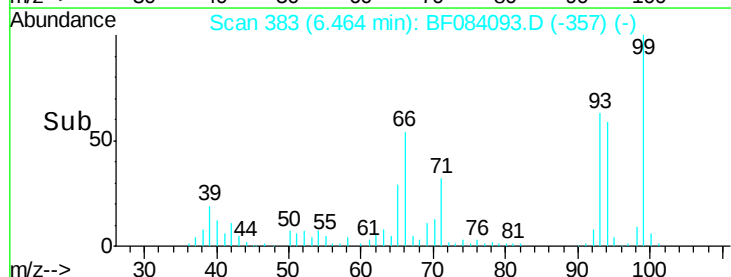
65 45.6 23.7 35.5#

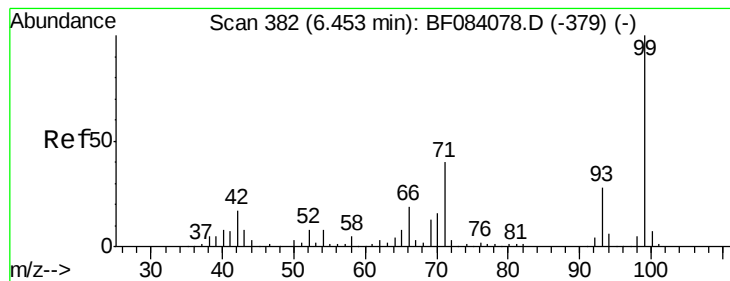


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 117.61 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

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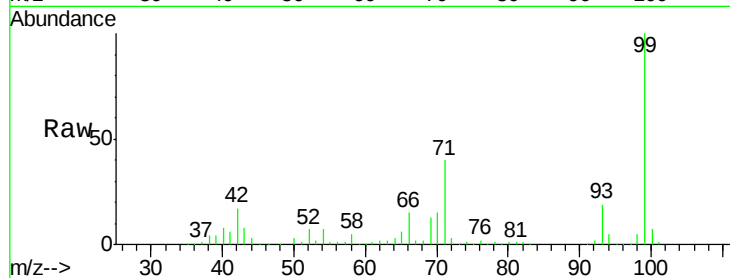
Tgt Ion: 99 Resp: 442281

Ion Ratio Lower Upper

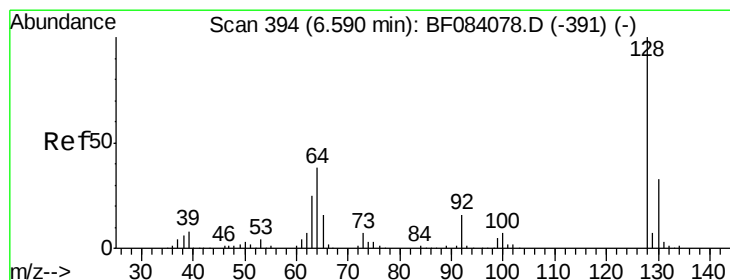
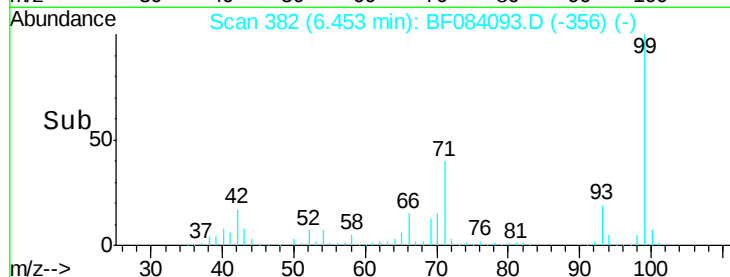
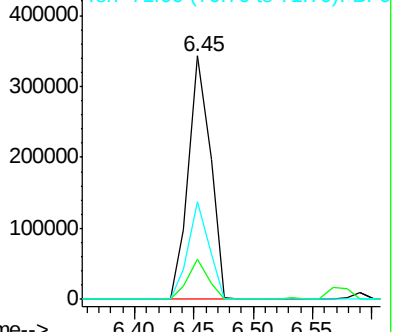
99 100

42 16.7 12.8 19.2

71 40.2 30.9 46.3



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: 39.78 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF084093.D

Acq: 24 Dec 2015 21:55

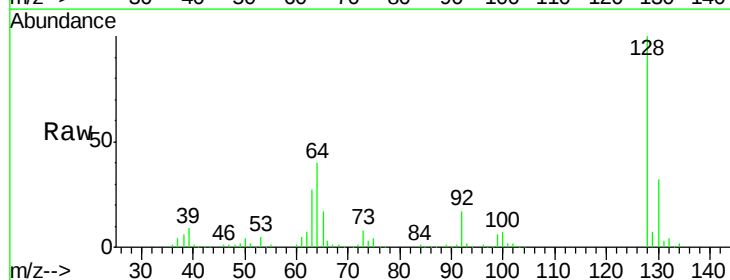
Tgt Ion: 128 Resp: 150136

Ion Ratio Lower Upper

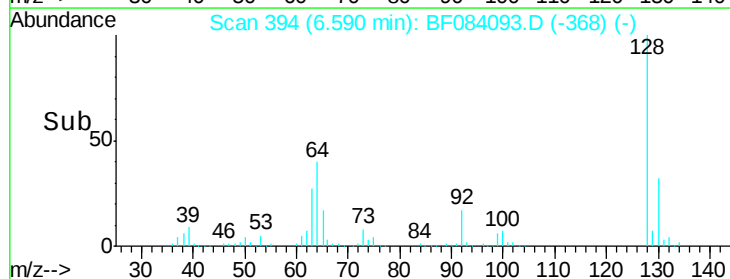
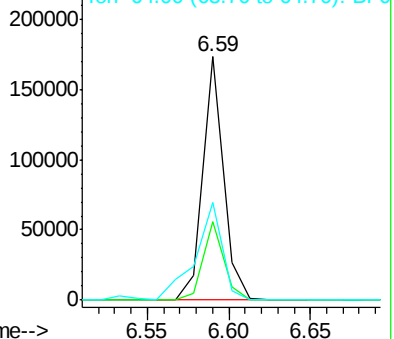
128 100

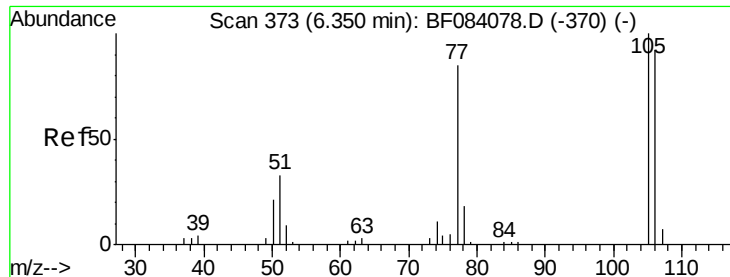
130 32.4 11.6 51.6

64 39.9 23.8 63.8



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: 10.88 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

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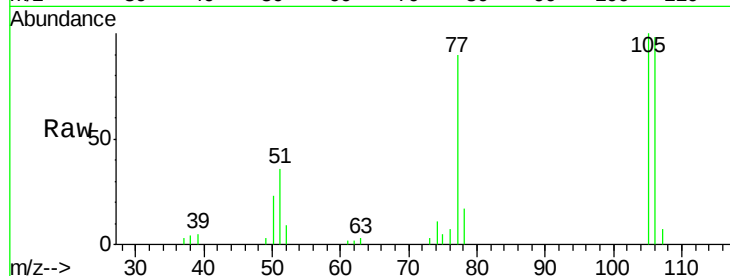
Tgt Ion: 77 Resp: 21885

Ion Ratio Lower Upper

77 100

105 111.0 83.0 123.0

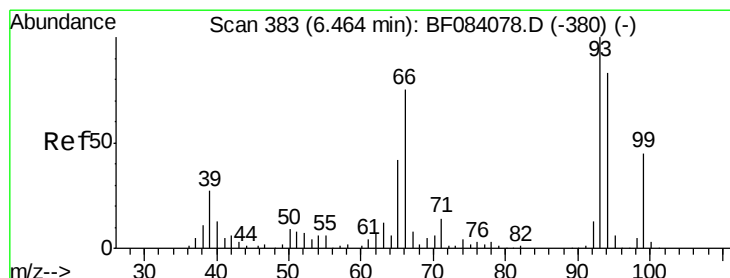
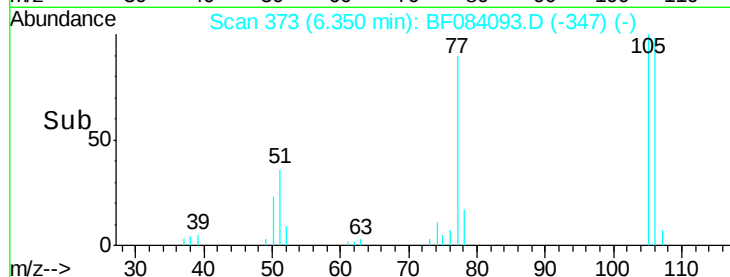
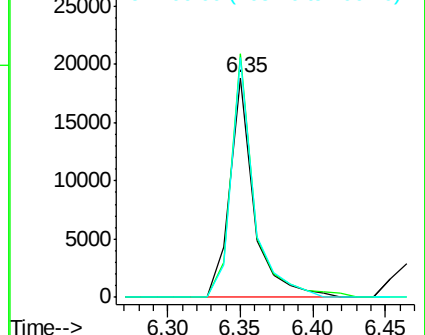
106 109.1 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 33.87 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF084093.D

Acq: 24 Dec 2015 21:55

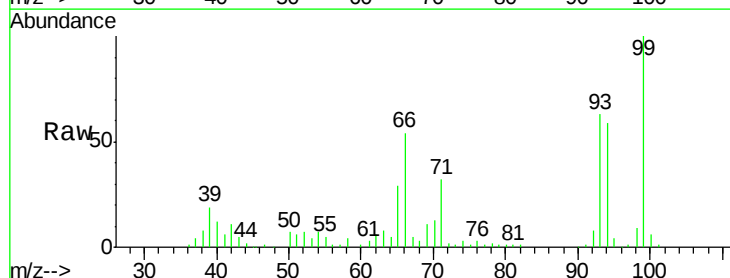
Tgt Ion: 94 Resp: 145669

Ion Ratio Lower Upper

94 100

65 48.6 12.9 52.9

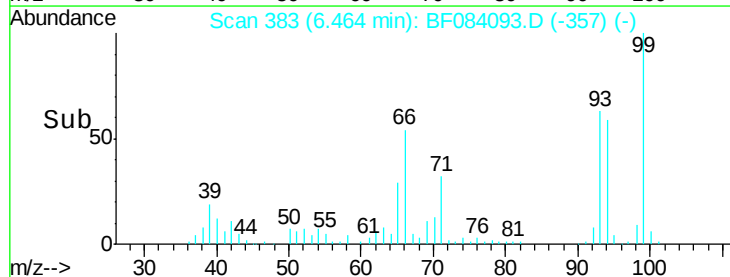
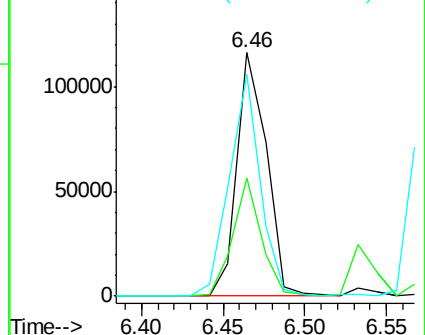
66 91.0 32.7 72.7#

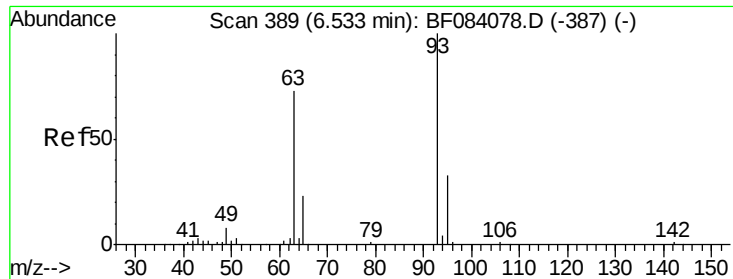


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

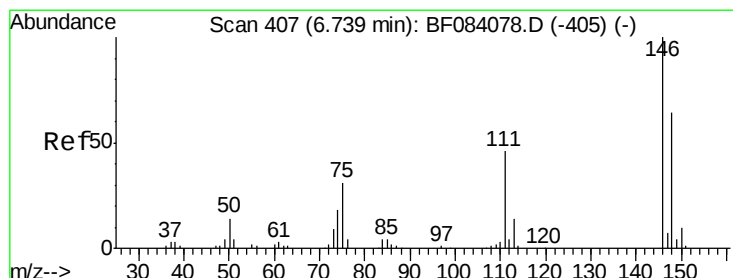
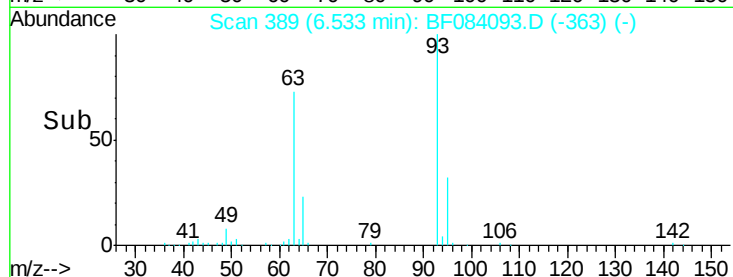
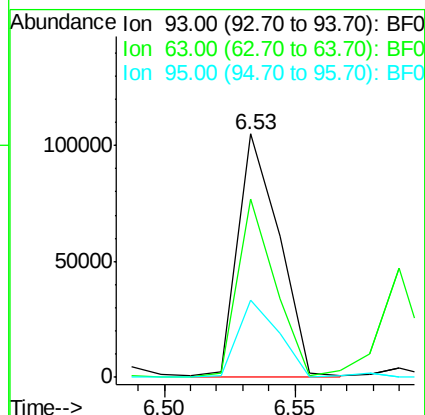
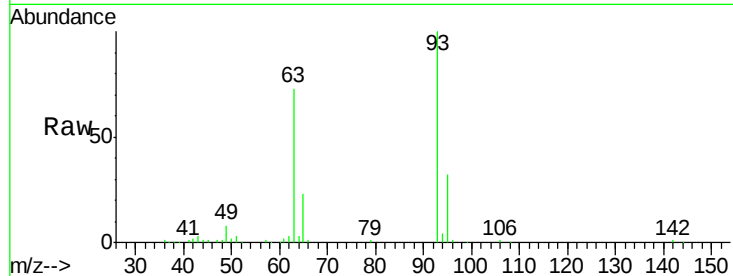




#11
 bis(2-Chloroethyl)ether
 Concen: 37.76 ng
 RT: 6.53 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: BF084093.D
 Acq: 24 Dec 2015 21:55

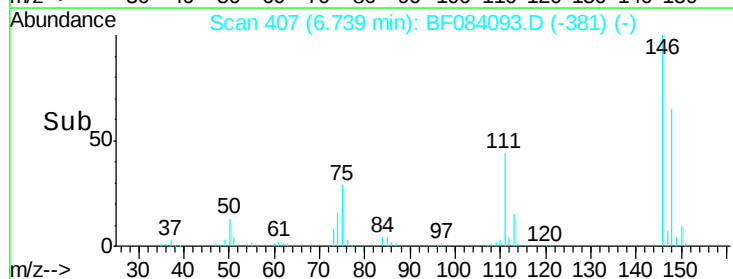
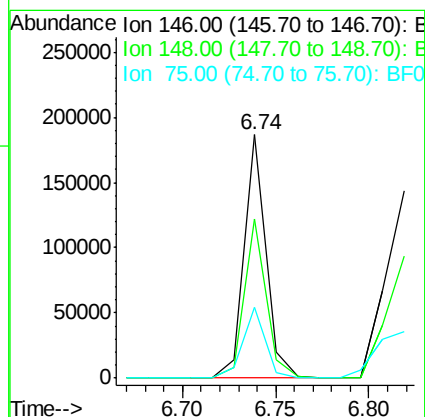
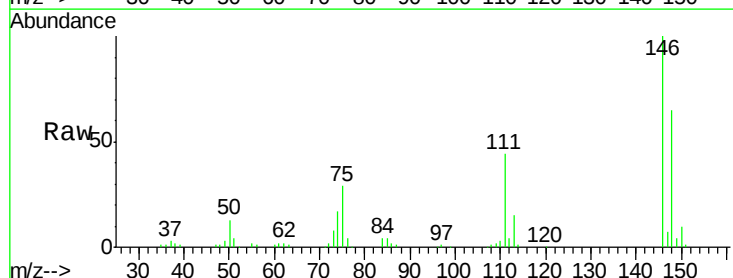
Instrument :
 BNA_F
 ClientSampled :
 PB87153BS

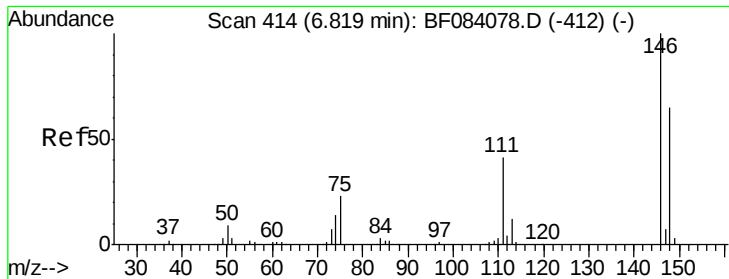
Tgt Ion: 93 Resp: 117133
 Ion Ratio Lower Upper
 93 100
 63 73.1 45.9 85.9
 95 31.6 12.3 52.3



#12
 1,3-Dichlorobenzene
 Concen: 37.15 ng
 RT: 6.74 min Scan# 407
 Delta R.T. 0.00 min
 Lab File: BF084093.D
 Acq: 24 Dec 2015 21:55

Tgt Ion: 146 Resp: 153088
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.9 77.9
 75 29.3 20.5 30.7

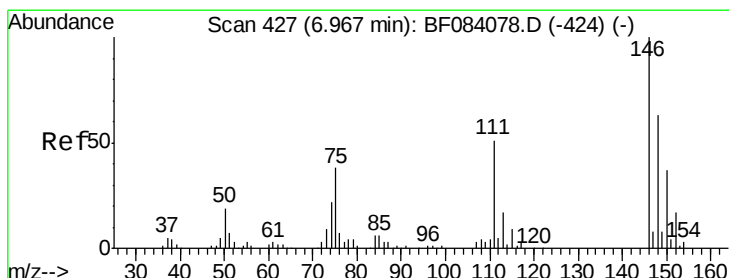
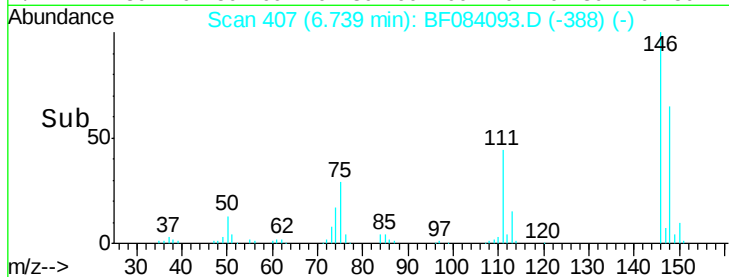
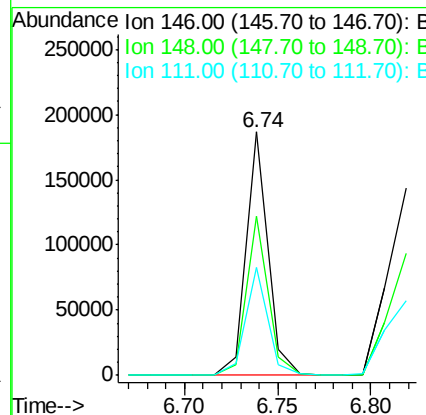
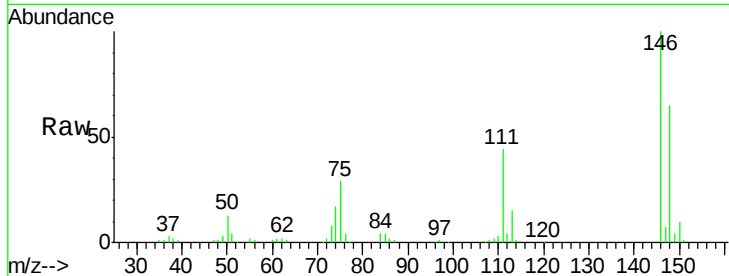




#13
 1,4-Dichlorobenzene
 Concen: 36.92 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.08 min
 Lab File: BF084093.D
 Acq: 24 Dec 2015 21:55

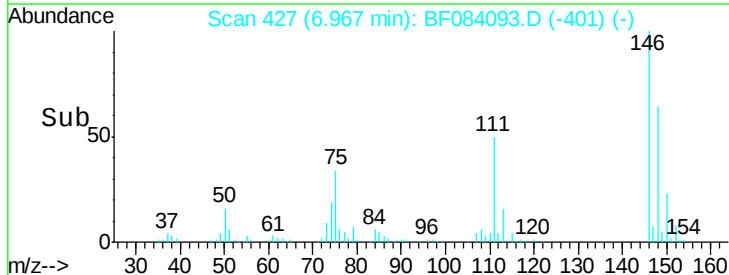
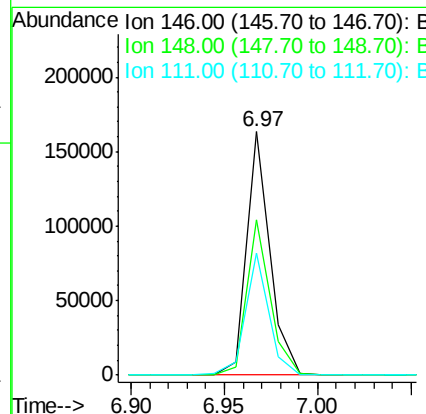
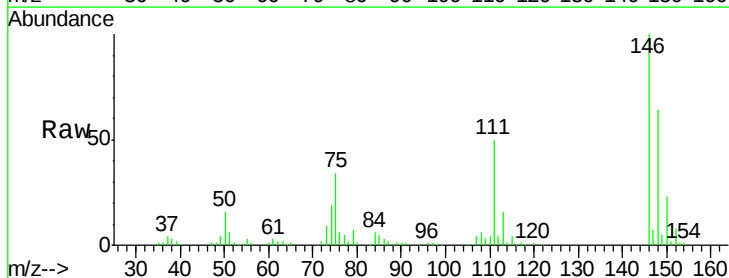
Instrument :
 BNA_F
 ClientSampleId :
 PB87153BS

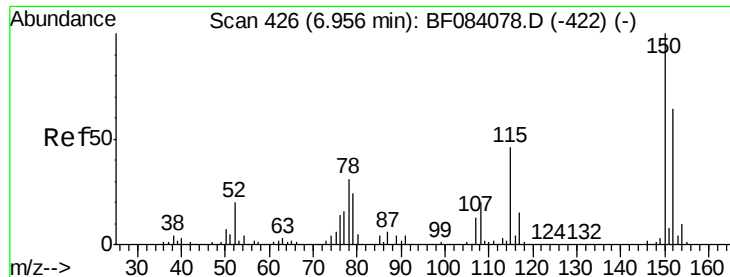
Tgt Ion:146 Resp: 153088
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.9 77.9
 111 44.3 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 37.14 ng
 RT: 6.97 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BF084093.D
 Acq: 24 Dec 2015 21:55

Tgt Ion:146 Resp: 141924
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.6 77.4
 111 50.1 38.0 57.0





#15

Benzyl Alcohol

Concen: 42.33 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF084093.D

Acq: 24 Dec 2015 21:55

Instrument :

BNA_F

ClientSampled :

PB87153BS

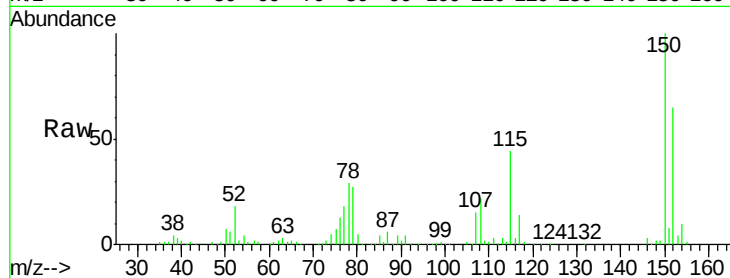
Tgt Ion: 79 Resp: 120567

Ion Ratio Lower Upper

79 100

108 79.6 69.0 103.4

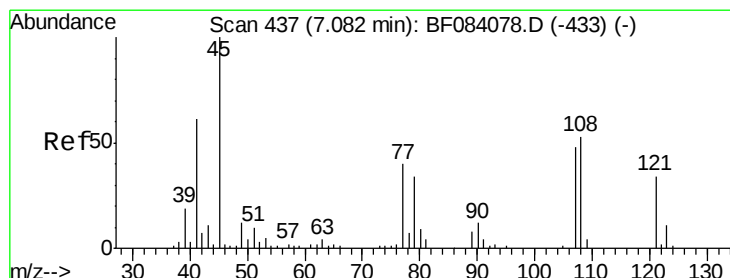
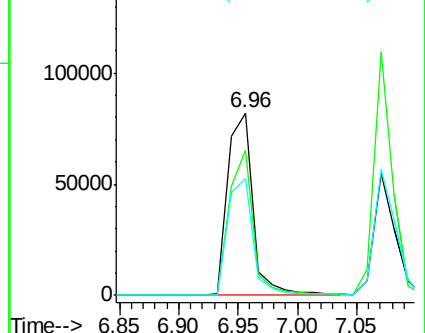
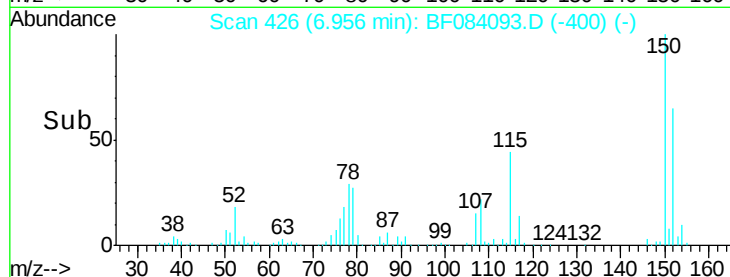
77 63.9 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.26 ng

RT: 7.08 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF084093.D

Acq: 24 Dec 2015 21:55

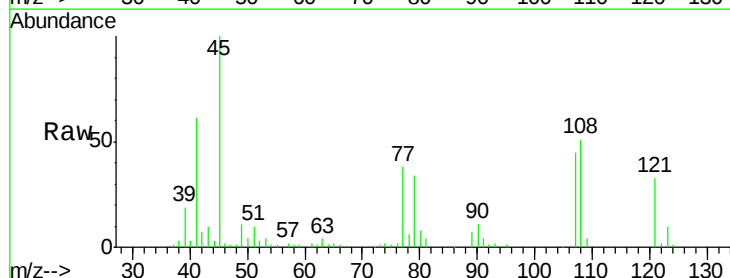
Tgt Ion: 45 Resp: 109873

Ion Ratio Lower Upper

45 100

77 37.7 0.0 39.6

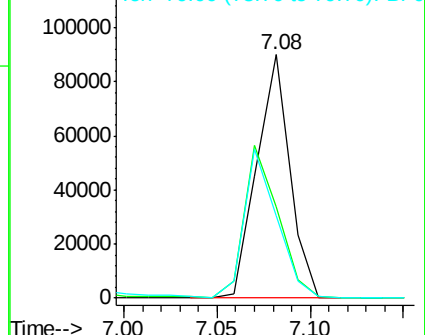
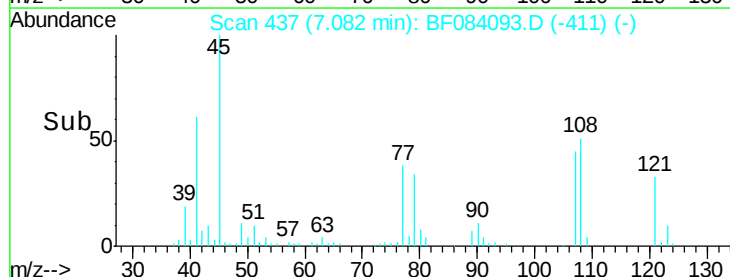
79 33.7 0.0 35.0

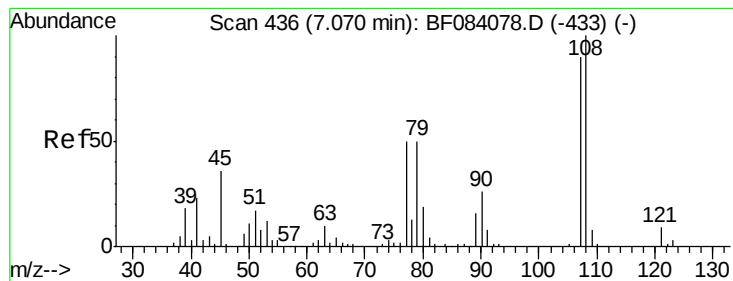


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 36.78 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF084093.D

Acq: 24 Dec 2015 21:55

Instrument :

BNA_F

ClientSampleId :

PB87153BS

Tgt Ion:107 Resp: 106583

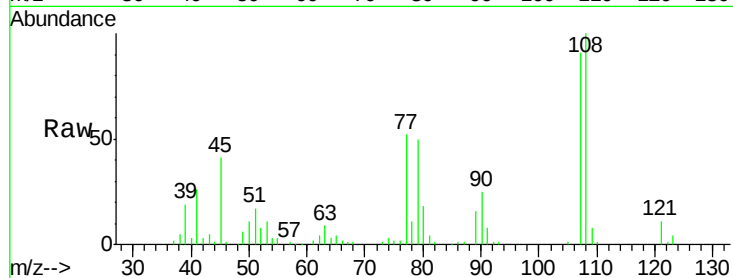
Ion Ratio Lower Upper

107 100

108 110.2 89.8 134.6

77 56.8 35.7 53.5#

79 55.2 35.7 53.5#

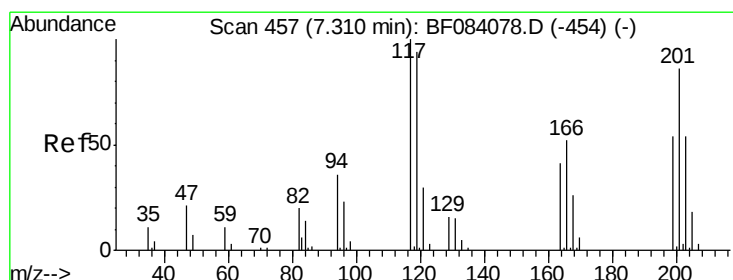
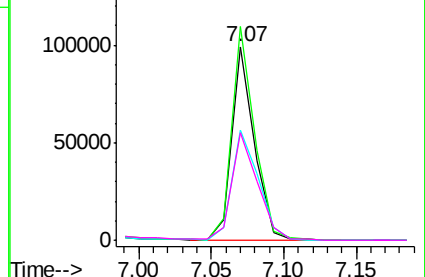
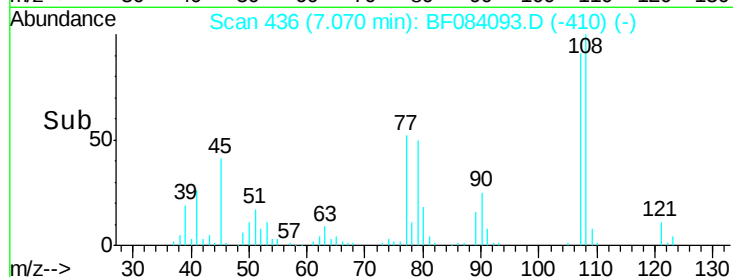


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.67 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF084093.D

Acq: 24 Dec 2015 21:55

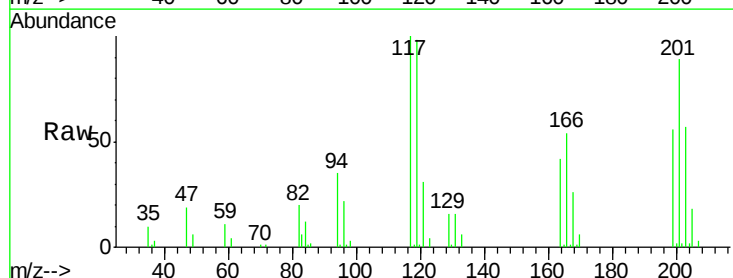
Tgt Ion:117 Resp: 57011

Ion Ratio Lower Upper

117 100

119 98.0 77.4 116.0

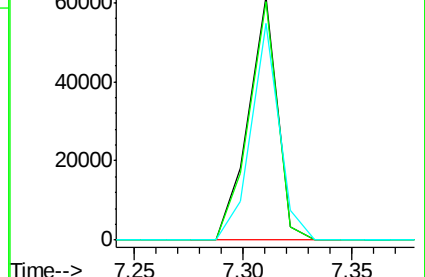
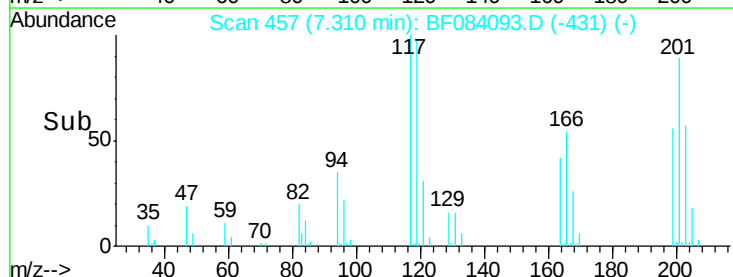
201 89.1 68.6 103.0

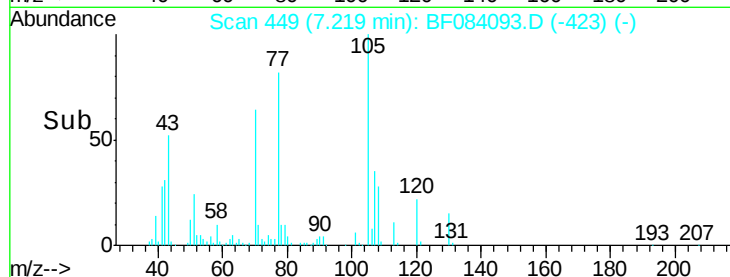
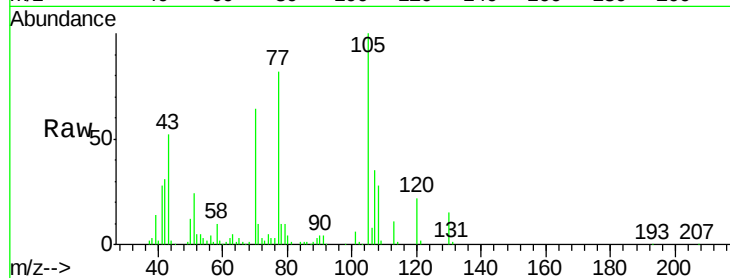
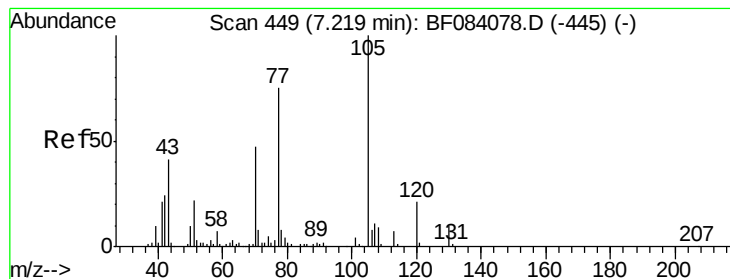


Abundance Ion 117.00 (116.70 to 117.70): E

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: 39.01 ng

RT: 7.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF084093.D

Acq: 24 Dec 2015 21:55

Instrument :

BNA_F

ClientSampleId :

PB87153BS

Tgt Ion: 70 Resp: 90354

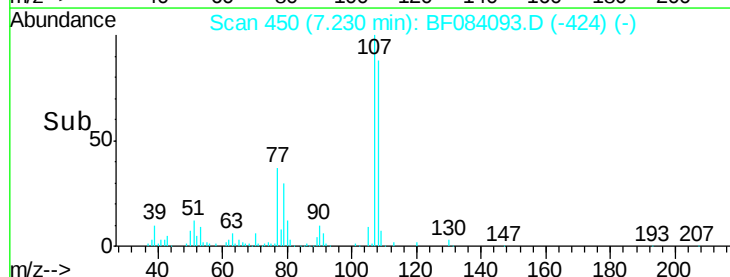
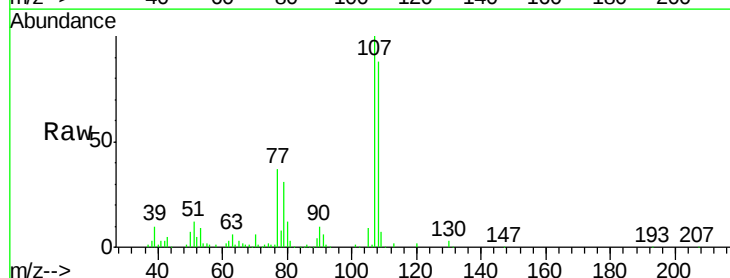
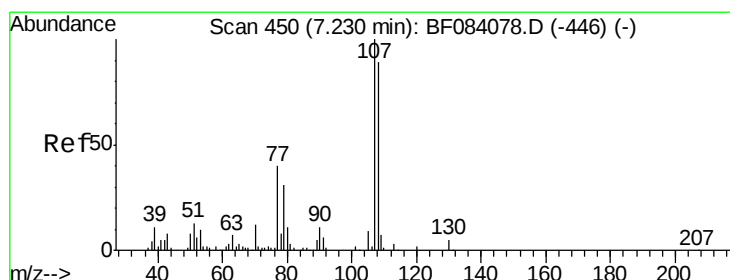
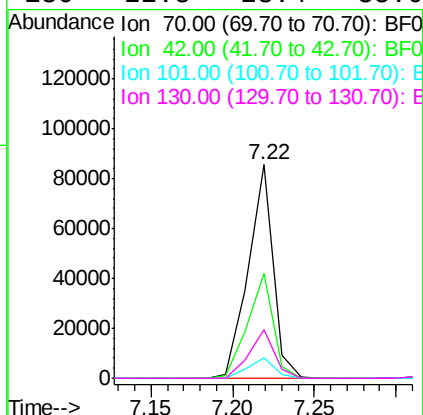
Ion Ratio Lower Upper

70 100

42 49.1 33.3 49.9

101 9.3 9.3 13.9

130 22.8 23.4 35.0#



#20

3+4-Methylphenols

Concen: 40.42 ng

RT: 7.23 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF084093.D

Acq: 24 Dec 2015 21:55

Tgt Ion: 107 Resp: 149426

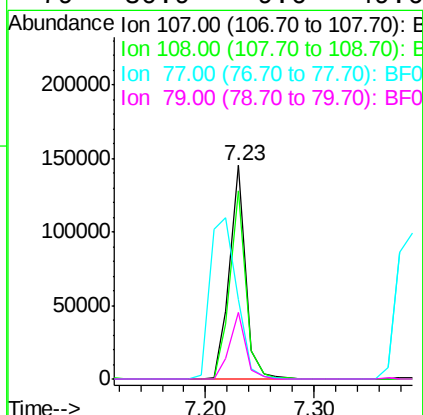
Ion Ratio Lower Upper

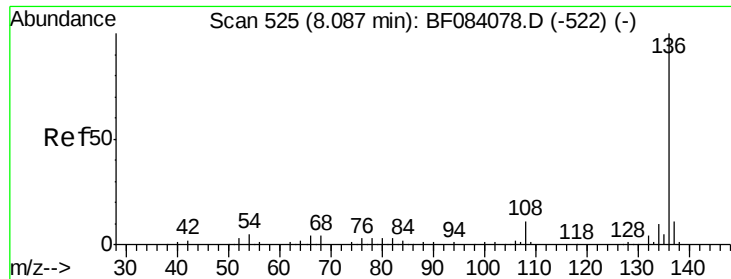
107 100

108 88.0 64.1 104.1

77 37.3 128.9 168.9#

79 30.9 9.6 49.6

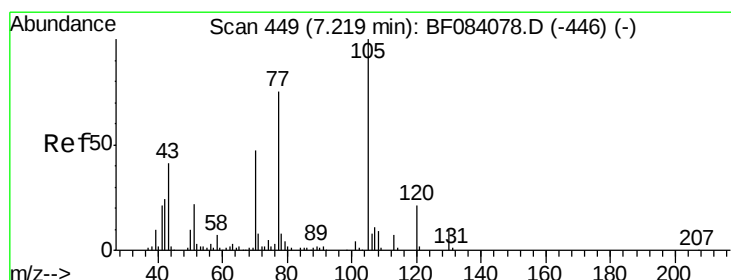
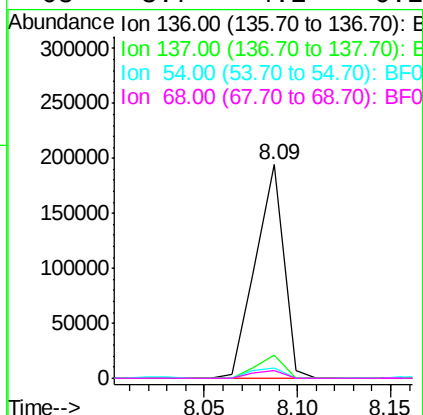
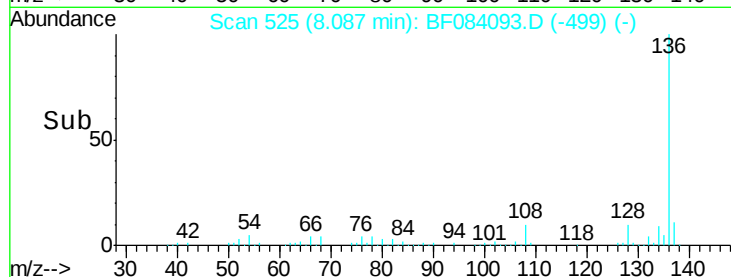
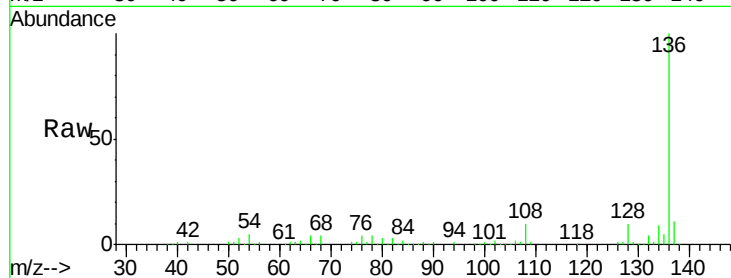




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF084093.D
Acq: 24 Dec 2015 21:55

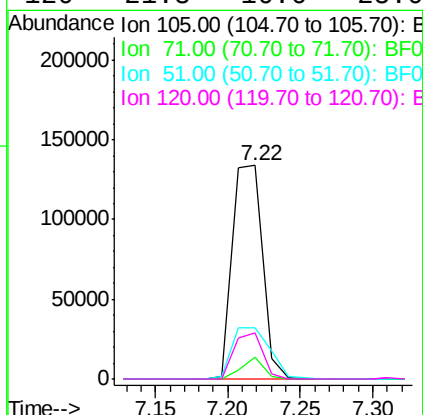
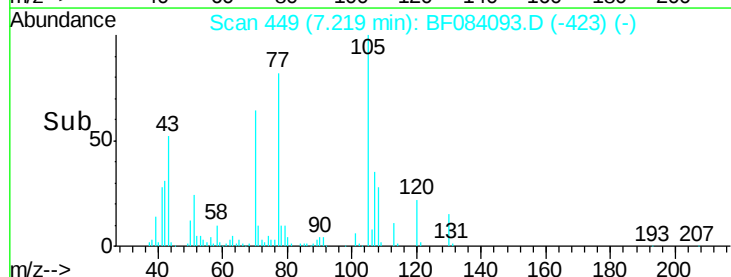
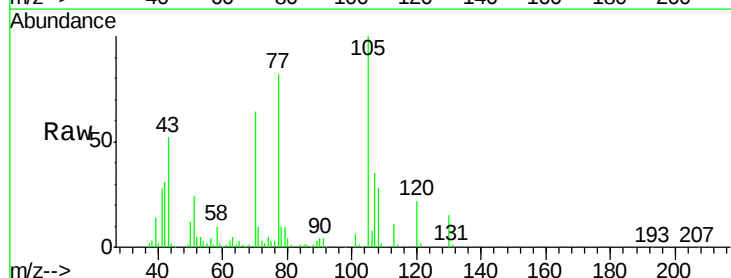
Instrument :
BNA_F
ClientSampleId :
PB87153BS

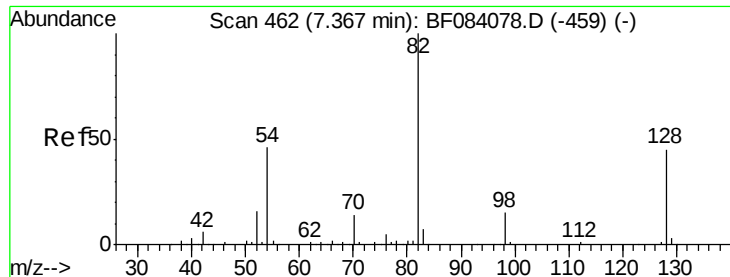
Tgt Ion:	136	Resp:	204457
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.7	13.1
54	4.6	5.8	8.8#
68	3.7	4.2	6.2#



#22
Acetophenone
Concen: 37.96 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF084093.D
Acq: 24 Dec 2015 21:55

Tgt Ion:	105	Resp:	193907
Ion Ratio	Lower	Upper	
105	100		
71	10.1	3.7	5.5#
51	24.1	25.1	37.7#
120	21.8	16.6	25.0

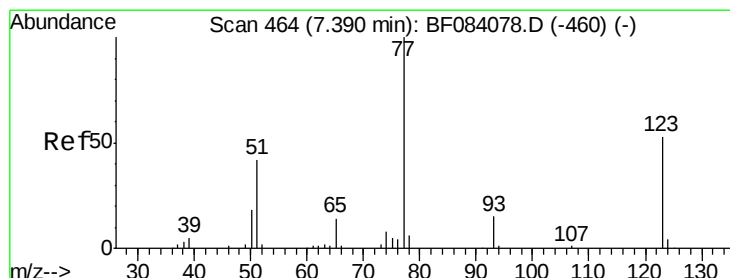
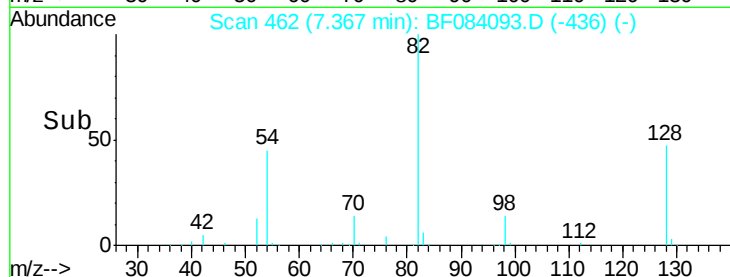
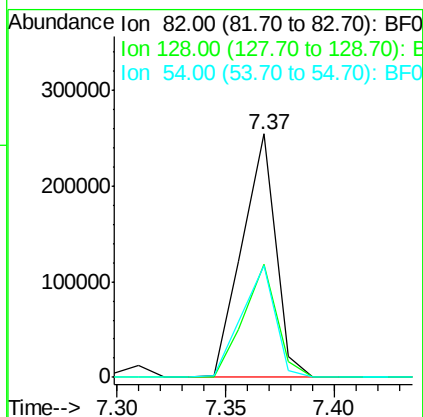
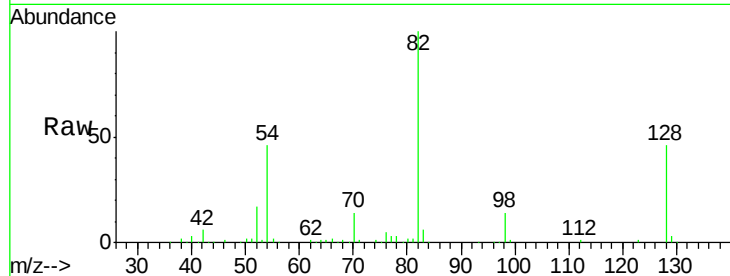




#23
 Nitrobenzene-d5
 Concen: 78.44 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF084093.D
 Acq: 24 Dec 2015 21:55

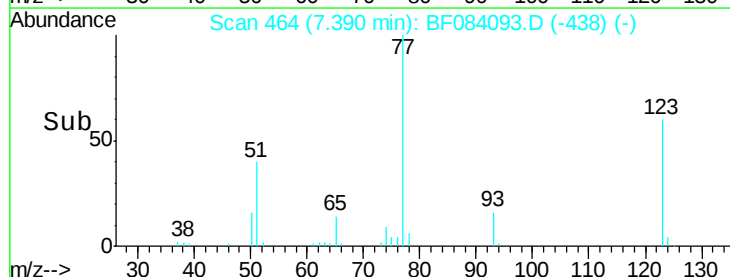
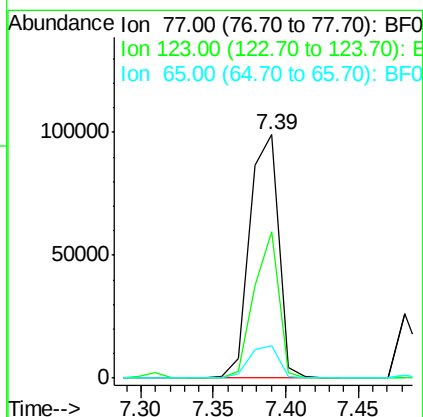
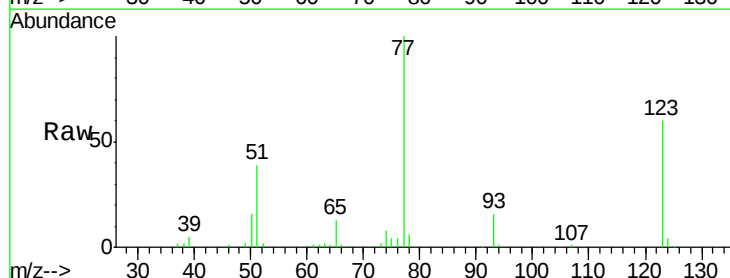
Instrument :
 BNA_F
 ClientSampleId :
 PB87153BS

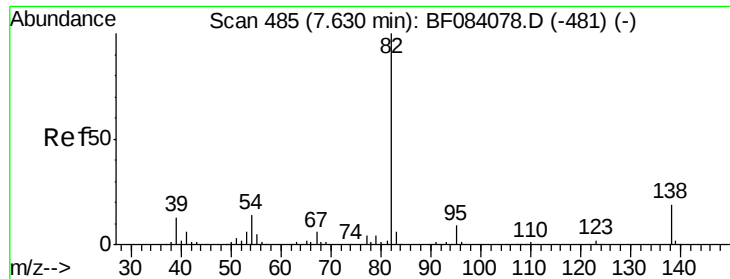
Tgt Ion: 82 Resp: 274000
 Ion Ratio Lower Upper
 82 100
 128 46.5 34.6 51.8
 54 46.0 38.4 57.6



#24
 Nitrobenzene
 Concen: 36.80 ng
 RT: 7.39 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF084093.D
 Acq: 24 Dec 2015 21:55

Tgt Ion: 77 Resp: 136474
 Ion Ratio Lower Upper
 77 100
 123 60.0 37.4 56.2#
 65 13.2 10.9 16.3





#25

Isophorone

Concen: 38.93 ng

RT: 7.63 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF084093.D

Acq: 24 Dec 2015 21:55

Instrument :

BNA_F

ClientSampleId :

PB87153BS

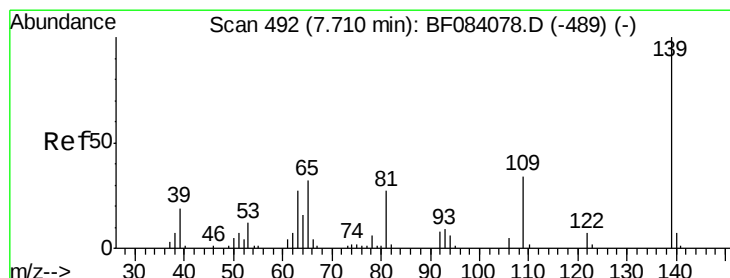
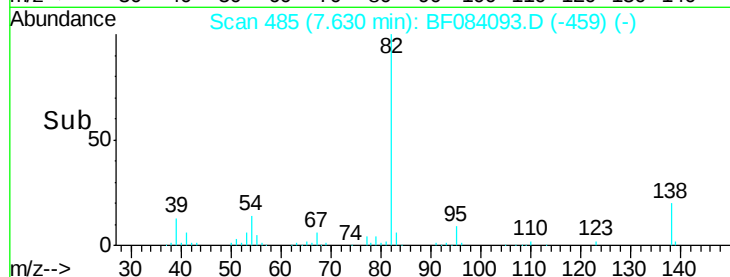
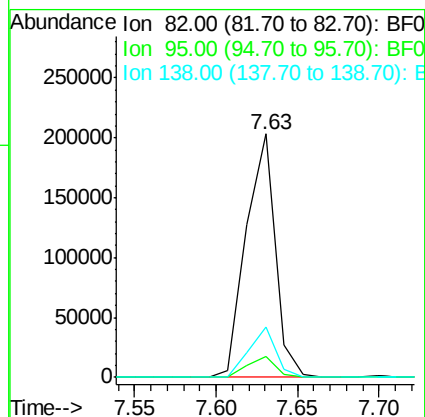
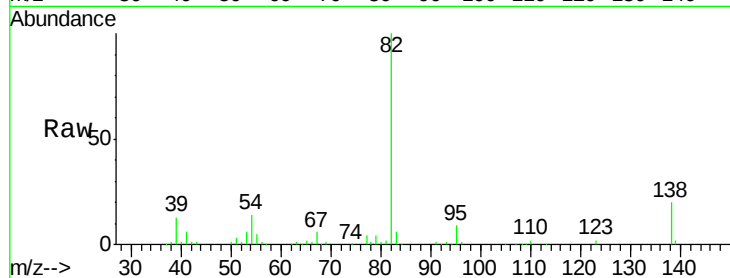
Tgt Ion: 82 Resp: 251514

Ion Ratio Lower Upper

82 100

95 8.5 6.6 10.0

138 20.4 13.6 20.4#



#26

2-Nitrophenol

Concen: 39.03 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF084093.D

Acq: 24 Dec 2015 21:55

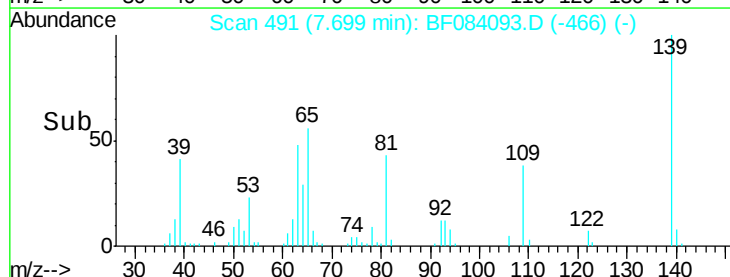
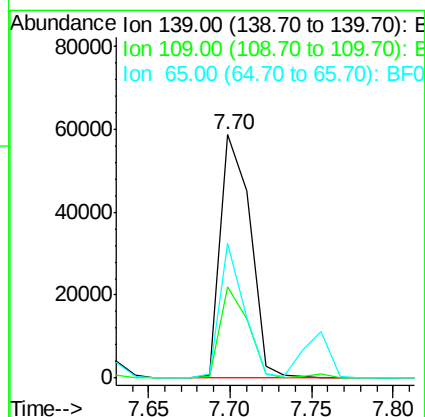
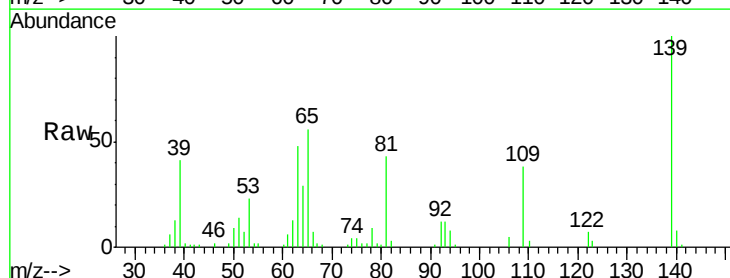
Tgt Ion: 139 Resp: 74088

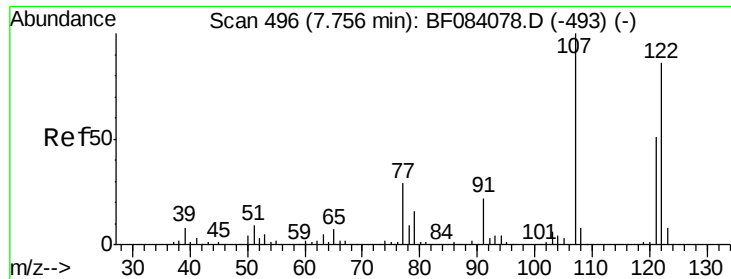
Ion Ratio Lower Upper

139 100

109 37.5 25.4 38.2

65 55.5 32.3 48.5#

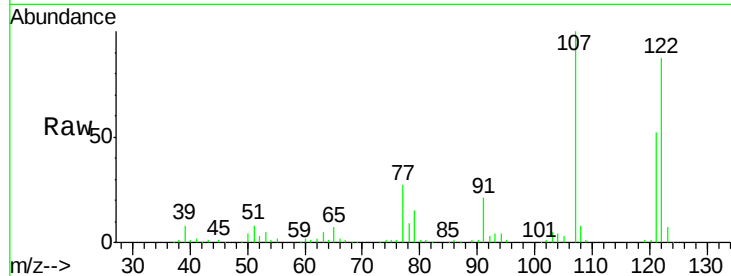




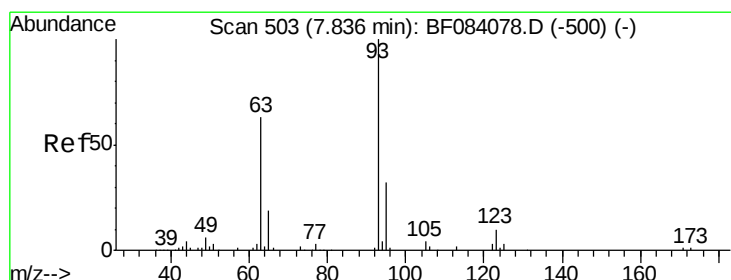
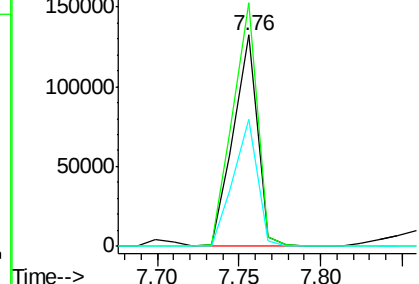
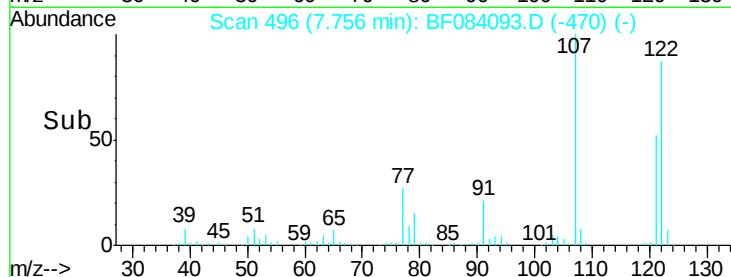
#27
 2,4-Dimethylphenol
 Concen: 43.09 ng
 RT: 7.76 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF084093.D
 Acq: 24 Dec 2015 21:55

Instrument :
 BNA_F
 ClientSampleId :
 PB87153BS

Tgt Ion: 122 Resp: 135726
 Ion Ratio Lower Upper
 122 100
 107 115.4 99.1 148.7
 121 60.1 47.9 71.9

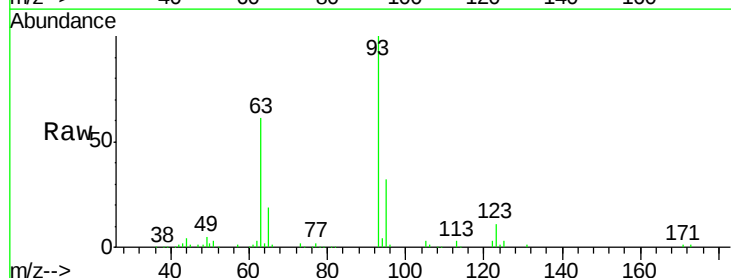


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

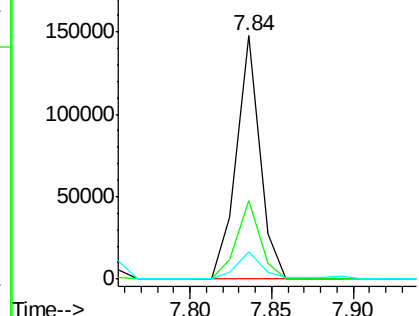
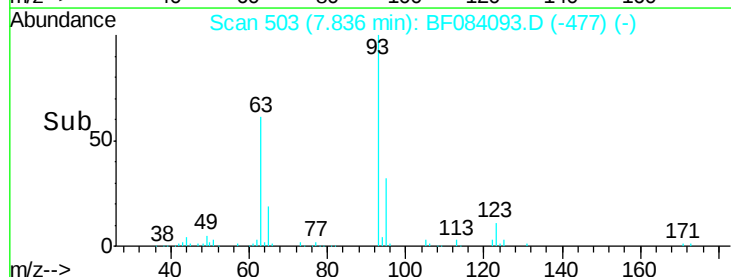


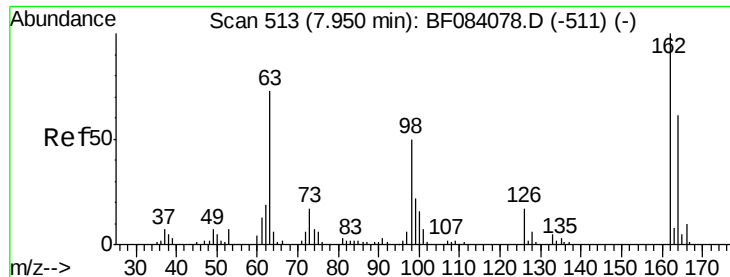
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.89 ng
 RT: 7.84 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: BF084093.D
 Acq: 24 Dec 2015 21:55

Tgt Ion: 93 Resp: 146508
 Ion Ratio Lower Upper
 93 100
 95 32.2 25.8 38.6
 123 11.3 8.6 12.8



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

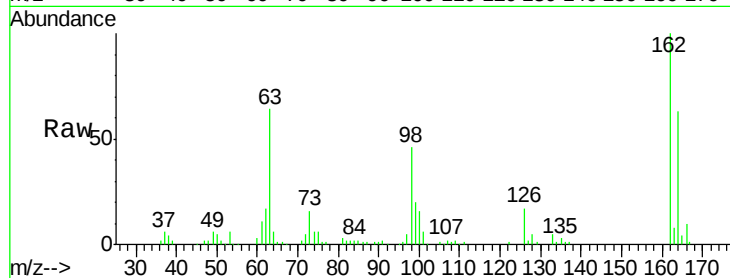




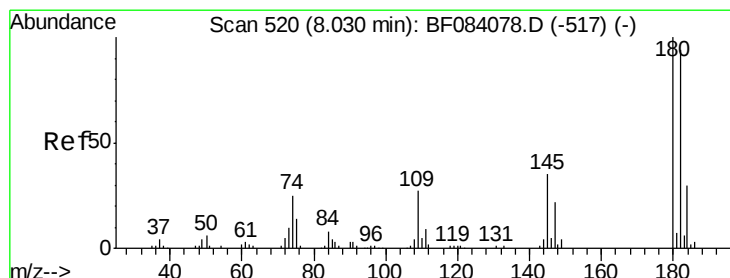
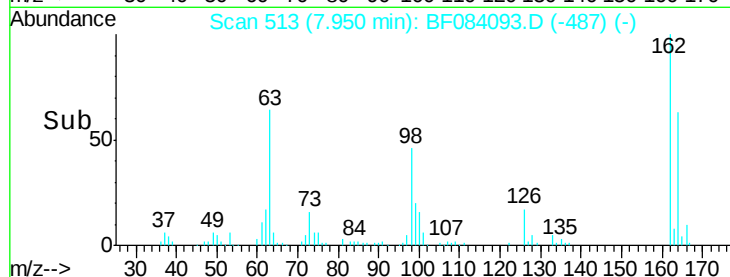
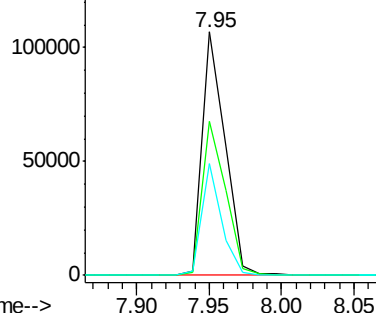
#29
2,4-Dichlorophenol
Concen: 40.00 ng
RT: 7.95 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF084093.D
Acq: 24 Dec 2015 21:55

Instrument :
BNA_F
ClientSampleId :
PB87153BS

Tgt Ion:162 Resp: 117046
Ion Ratio Lower Upper
162 100
164 63.2 44.1 84.1
98 45.8 20.2 60.2

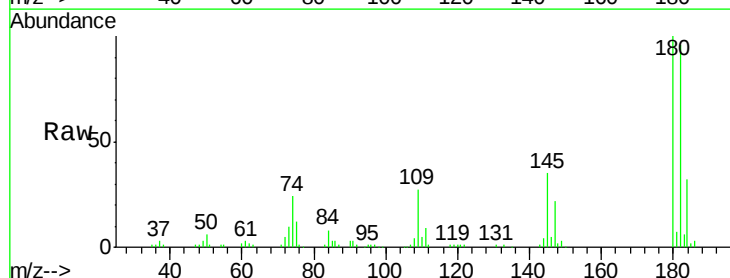


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

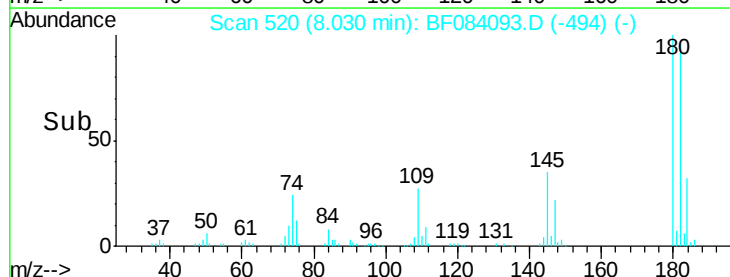
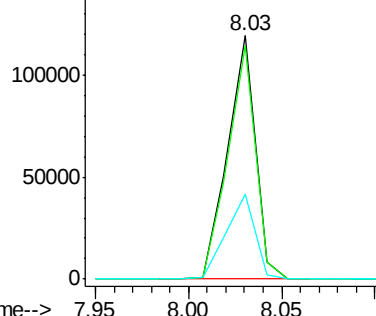


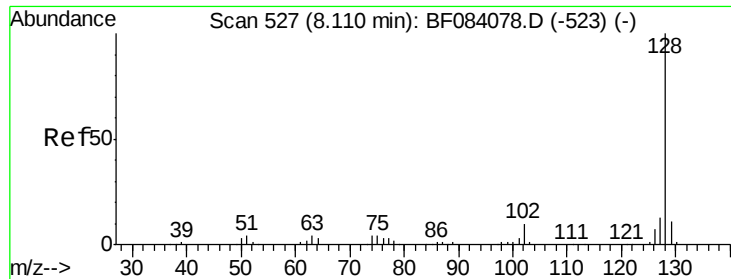
#30
1,2,4-Trichlorobenzene
Concen: 38.32 ng
RT: 8.03 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF084093.D
Acq: 24 Dec 2015 21:55

Tgt Ion:180 Resp: 122866
Ion Ratio Lower Upper
180 100
182 95.6 76.4 114.6
145 34.8 31.6 47.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

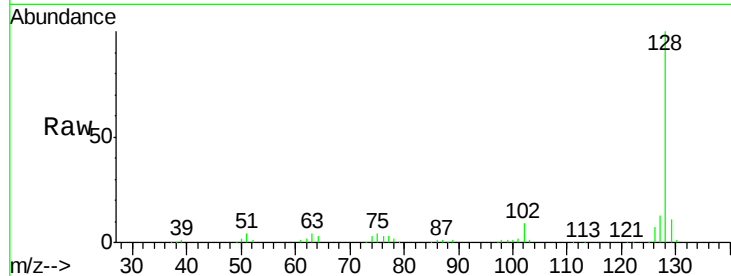




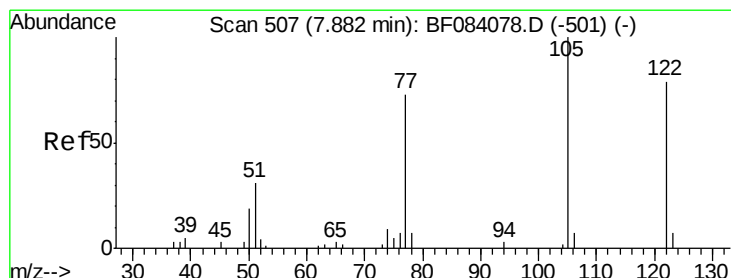
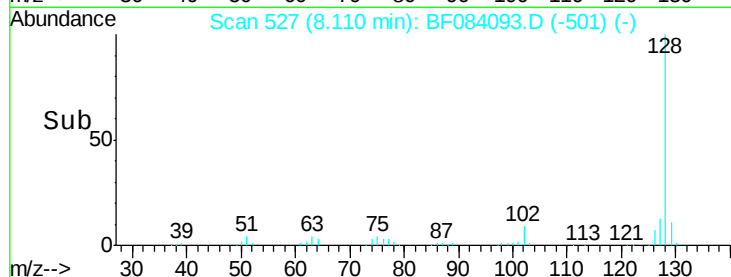
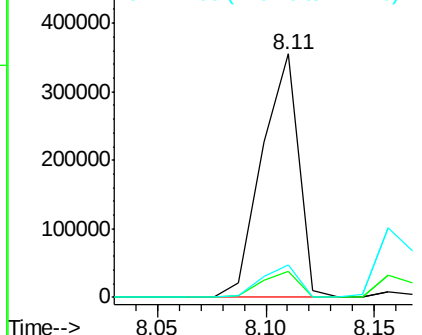
#31
Naphthalene
Concen: 38.63 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF084093.D
Acq: 24 Dec 2015 21:55

Instrument :
BNA_F
ClientSampleId :
PB87153BS

Tgt Ion:128 Resp: 420163
Ion Ratio Lower Upper
128 100
129 10.6 9.1 13.7
127 13.1 11.1 16.7

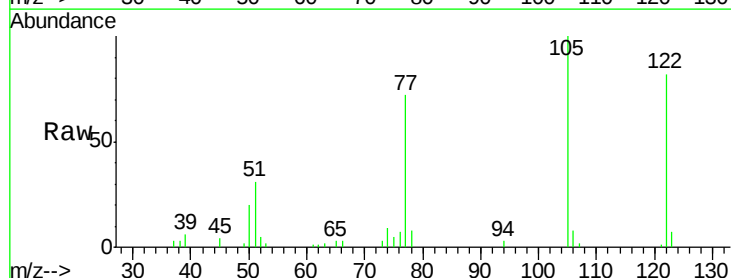


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

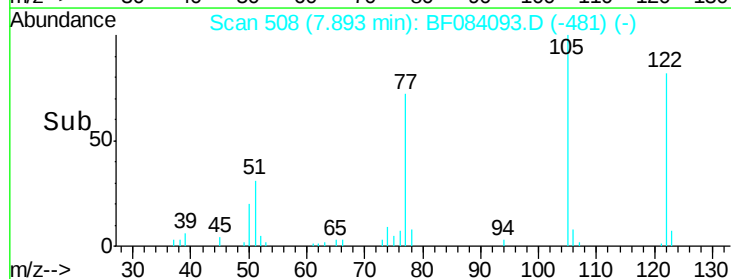
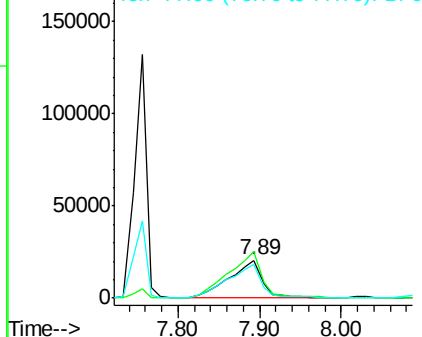


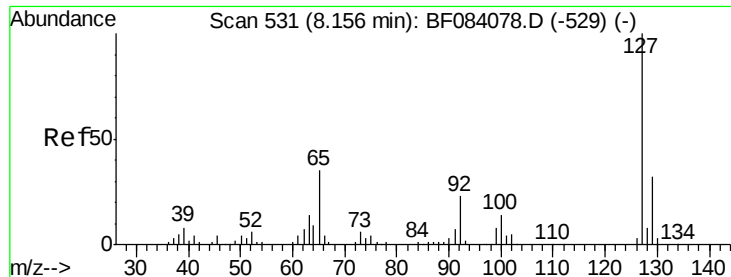
#32
Benzoic acid
Concen: 39.48 ng
RT: 7.89 min Scan# 508
Delta R.T. 0.01 min
Lab File: BF084093.D
Acq: 24 Dec 2015 21:55

Tgt Ion:122 Resp: 59639
Ion Ratio Lower Upper
122 100
105 122.3 100.3 140.3
77 87.9 63.5 103.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

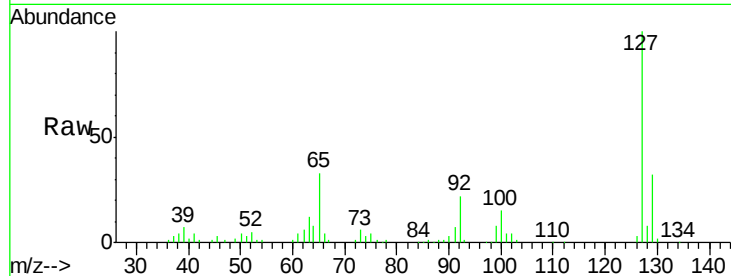




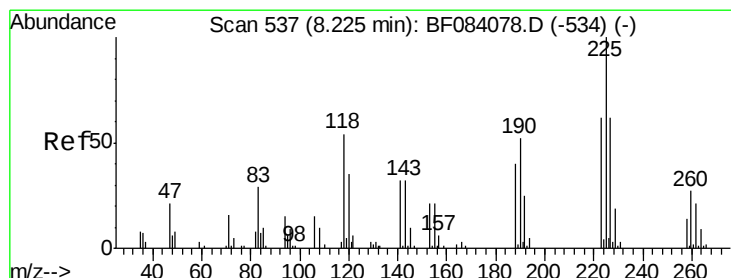
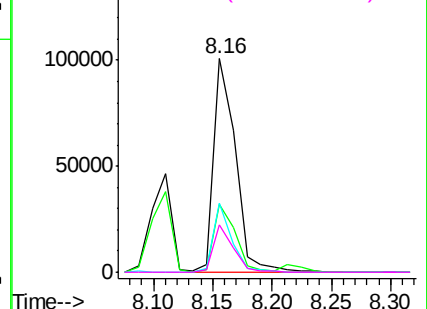
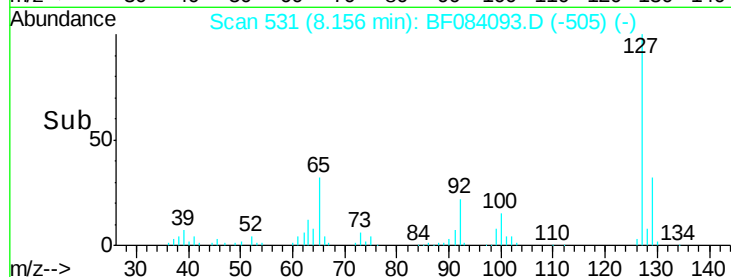
#33
4-Chloroaniline
Concen: 29.54 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF084093.D
Acq: 24 Dec 2015 21:55

Instrument :
BNA_F
ClientSampleId :
PB87153BS

Tgt Ion:	127	Resp:	127850
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.5	39.7
65	32.6	27.2	40.8
92	22.2	17.7	26.5

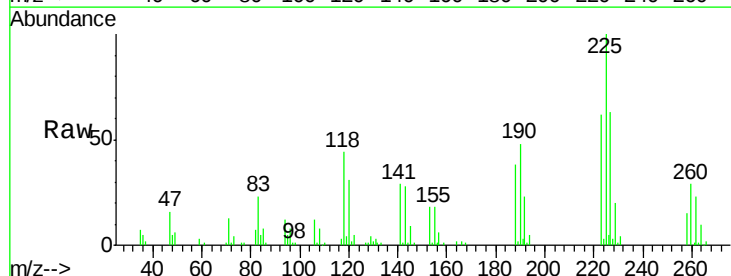


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

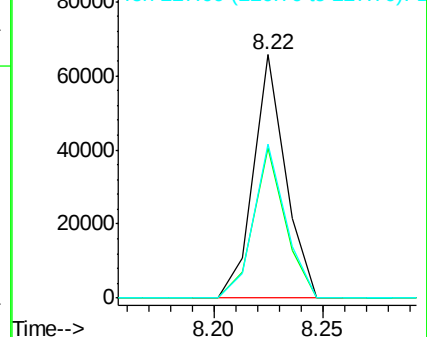
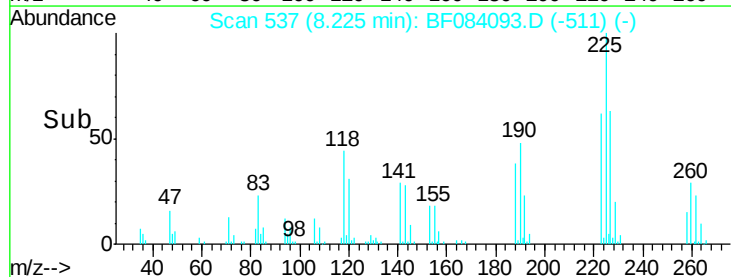


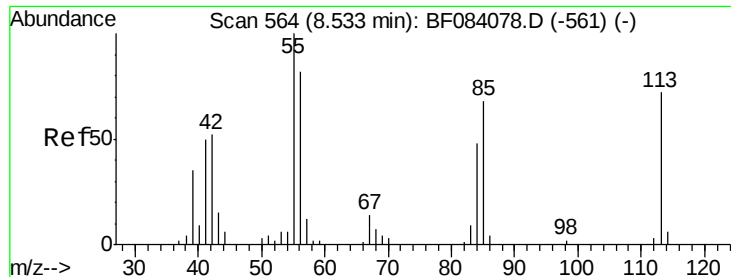
#34
Hexachlorobutadiene
Concen: 36.80 ng
RT: 8.22 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF084093.D
Acq: 24 Dec 2015 21:55

Tgt Ion:	225	Resp:	67300
Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.4	74.0
227	63.5	50.8	76.2



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

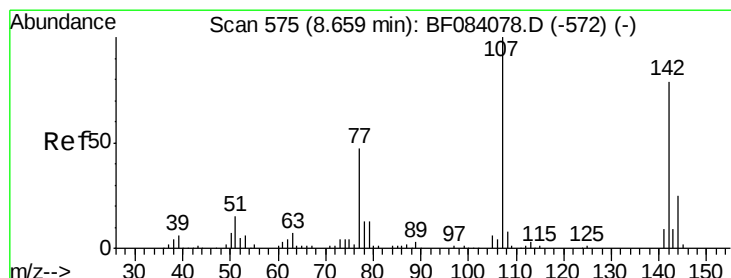
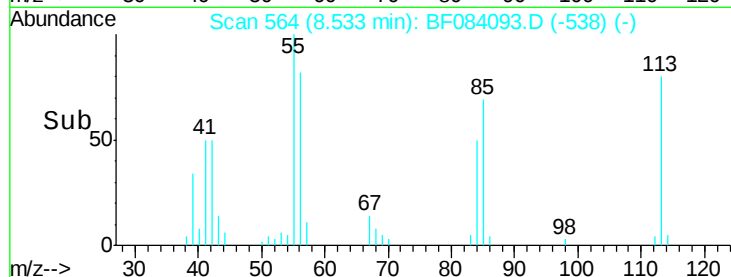
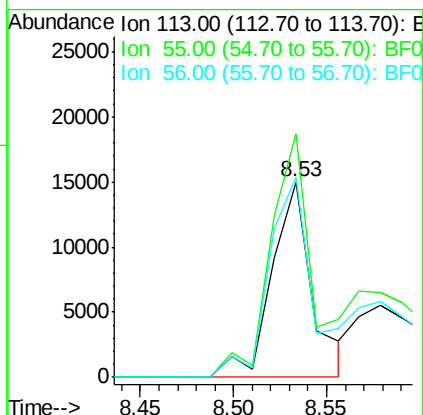
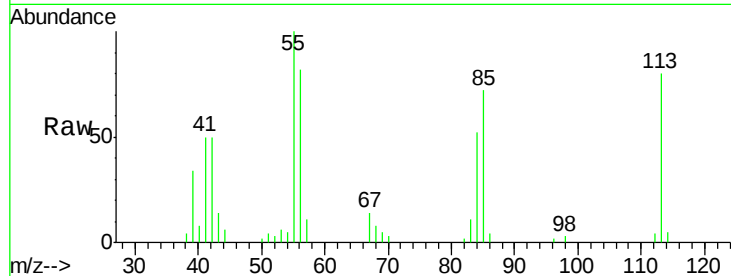




#35
 Caprolactam
 Concen: 27.68 ng
 RT: 8.53 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: BF084093.D
 Acq: 24 Dec 2015 21:55

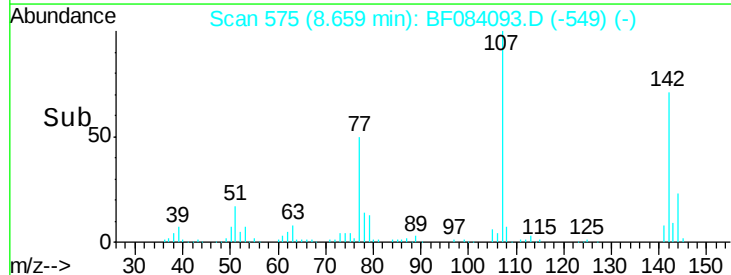
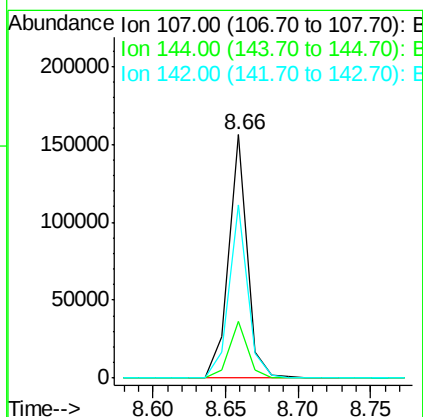
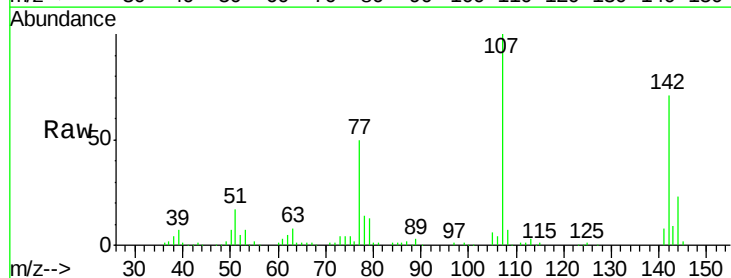
Instrument :
 BNA_F
 ClientSampleId :
 PB87153BS

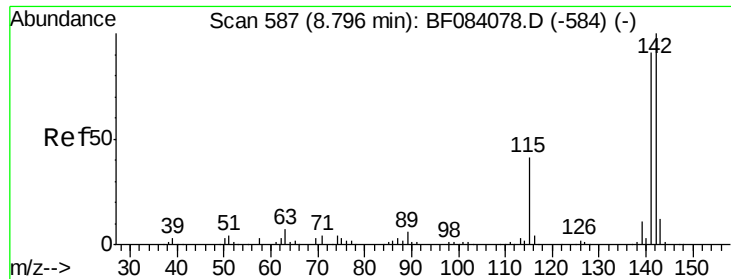
Tgt Ion:113 Resp: 22459
 Ion Ratio Lower Upper
 113 100
 55 124.6 116.9 156.9
 56 102.5 93.8 133.8



#36
 4-Chloro-3-methylphenol
 Concen: 42.22 ng
 RT: 8.66 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF084093.D
 Acq: 24 Dec 2015 21:55

Tgt Ion:107 Resp: 138914
 Ion Ratio Lower Upper
 107 100
 144 23.3 19.7 29.5
 142 70.9 61.8 92.6

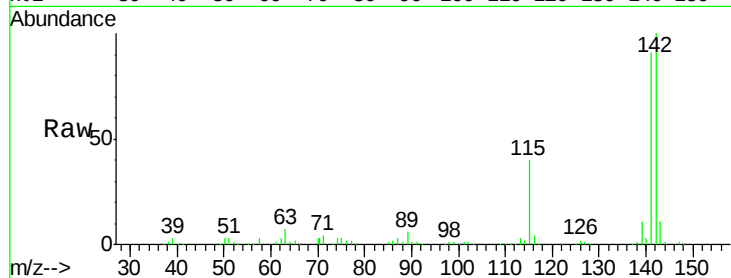




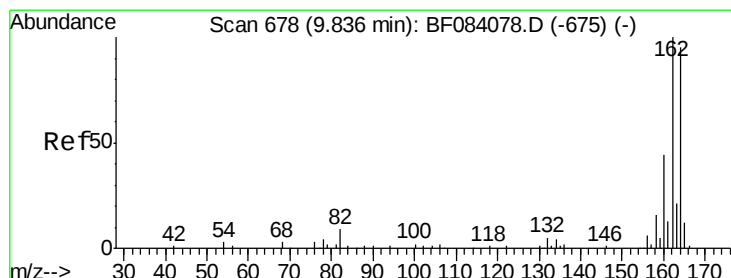
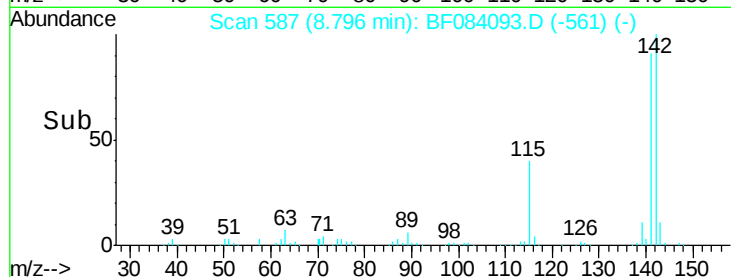
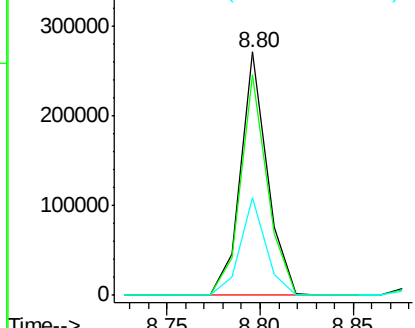
#37
 2-Methylnaphthalene
 Concen: 39.72 ng
 RT: 8.80 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF084093.D
 Acq: 24 Dec 2015 21:55

Instrument :
 BNA_F
 ClientSampleId :
 PB87153BS

Tgt Ion:142 Resp: 270467
 Ion Ratio Lower Upper
 142 100
 141 90.7 72.4 108.6
 115 40.4 27.9 41.9

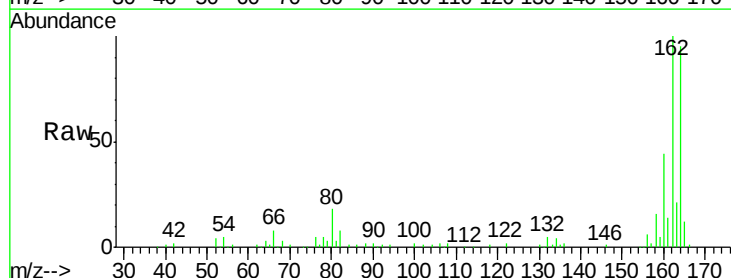


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

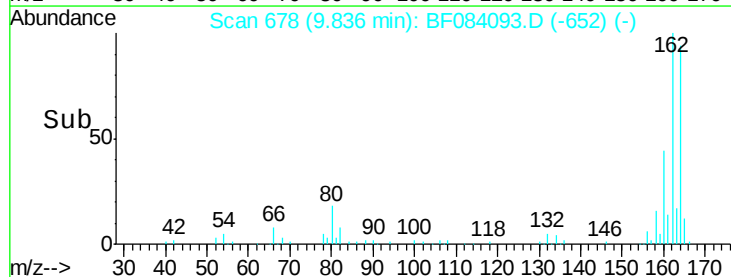
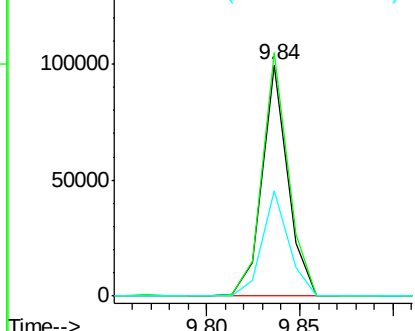


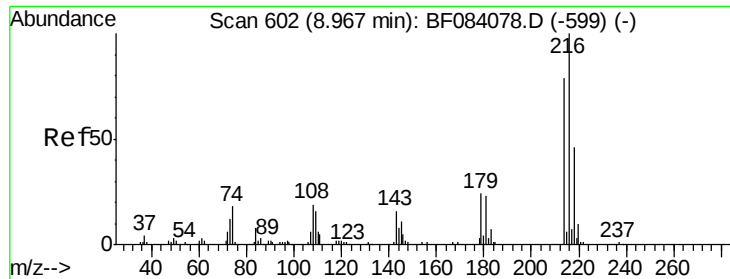
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF084093.D
 Acq: 24 Dec 2015 21:55

Tgt Ion:164 Resp: 94316
 Ion Ratio Lower Upper
 164 100
 162 105.3 85.1 127.7
 160 45.9 37.5 56.3



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

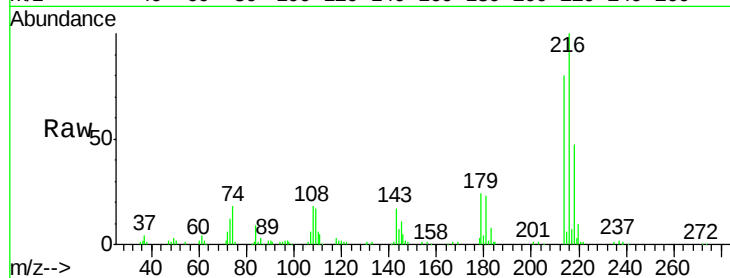




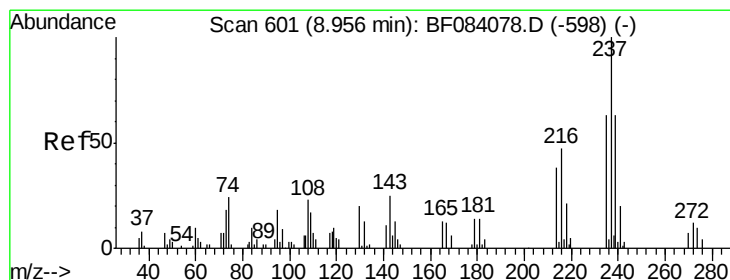
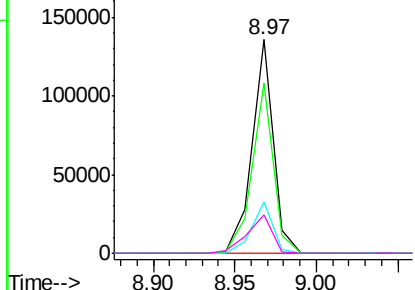
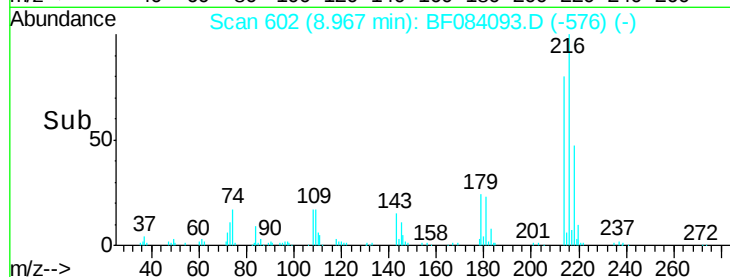
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.29 ng
 RT: 8.97 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF084093.D
 Acq: 24 Dec 2015 21:55

Instrument :
 BNA_F
 ClientSampleId :
 PB87153BS

Tgt Ion:	216	Resp:	122774
Ion	Ratio	Lower	Upper
216	100		
214	79.5	64.2	96.2
179	23.8	18.7	28.1
108	21.1	16.8	25.2

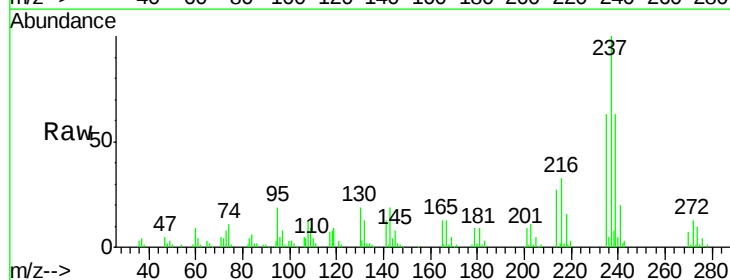


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

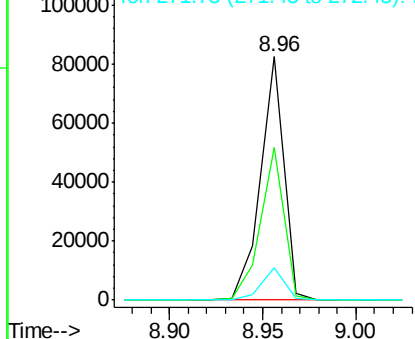
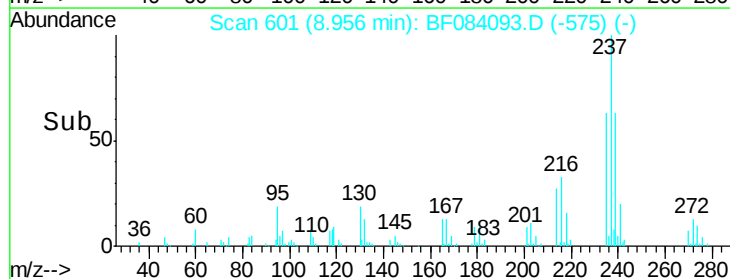


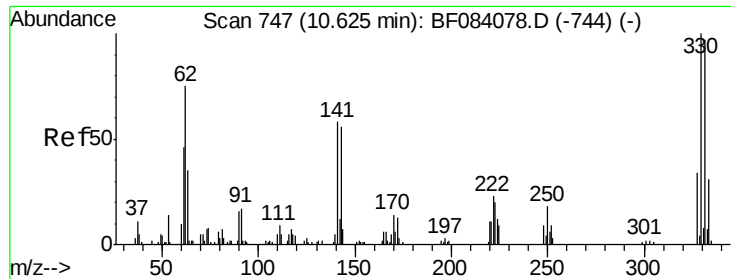
#40
 Hexachlorocyclopentadiene
 Concen: 81.53 ng
 RT: 8.96 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF084093.D
 Acq: 24 Dec 2015 21:55

Tgt Ion:	237	Resp:	71170
Ion	Ratio	Lower	Upper
237	100		
235	62.8	43.1	83.1
272	13.2	0.0	35.1



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

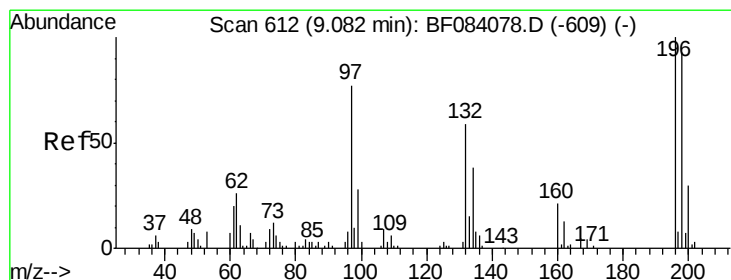
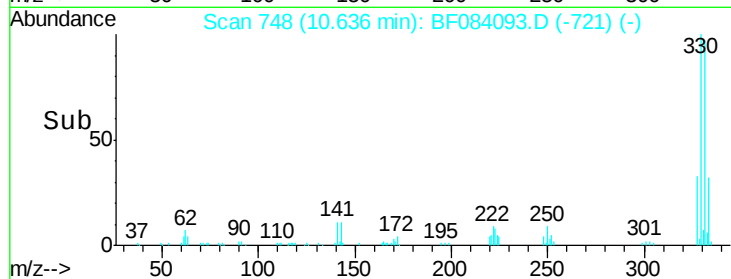
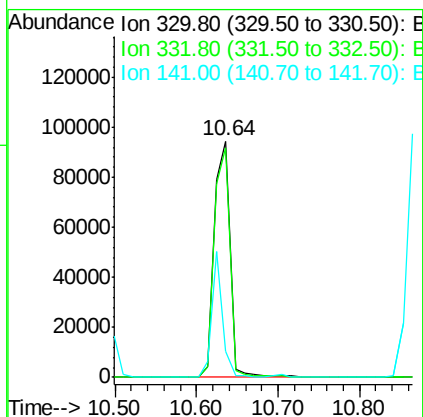
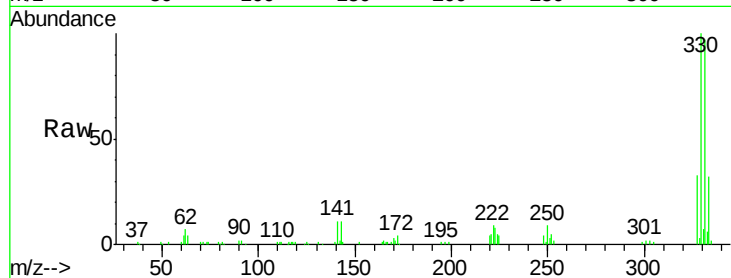




#41
 2,4,6-Tribromophenol
 Concen: 127.43 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.01 min
 Lab File: BF084093.D
 Acq: 24 Dec 2015 21:55

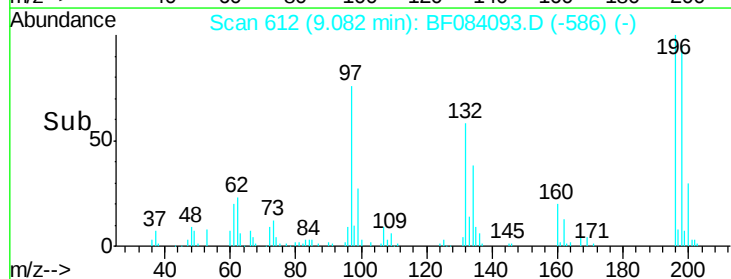
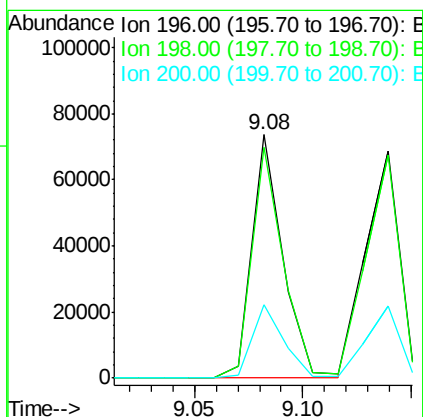
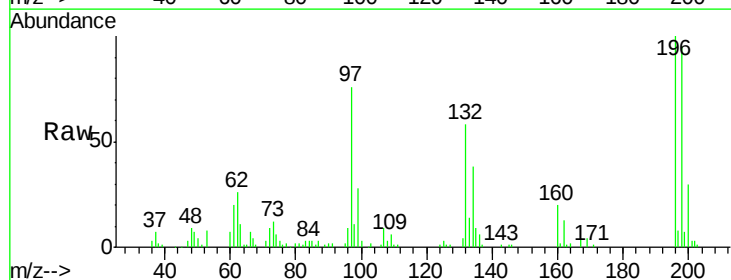
Instrument :
 BNA_F
 ClientSampleId :
 PB87153BS

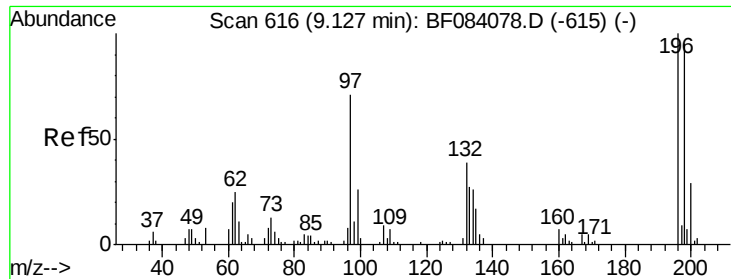
Tgt Ion:330 Resp: 128169
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 114.8
 141 36.9 27.8 41.6



#42
 2,4,6-Trichlorophenol
 Concen: 37.75 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF084093.D
 Acq: 24 Dec 2015 21:55

Tgt Ion:196 Resp: 73178
 Ion Ratio Lower Upper
 196 100
 198 94.7 77.7 116.5
 200 29.9 24.6 37.0

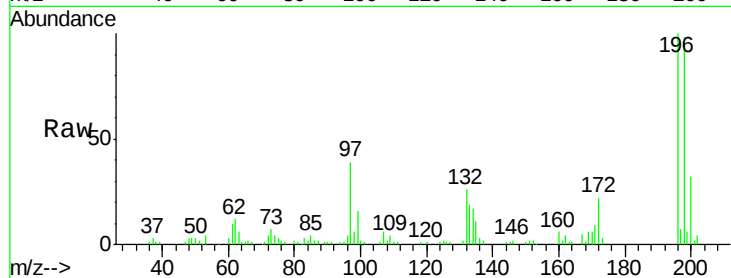




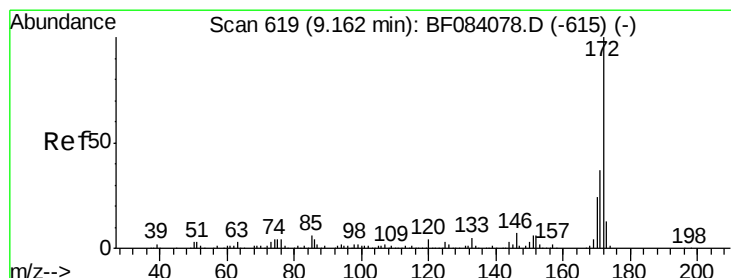
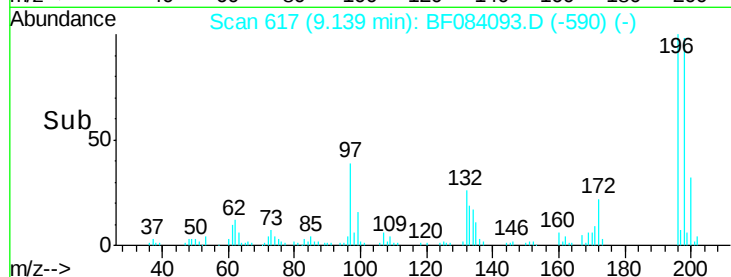
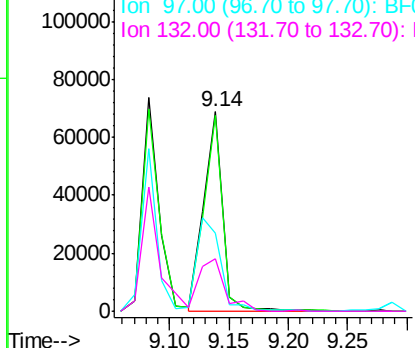
#43
 2,4,5-Trichlorophenol
 Concen: 39.85 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF084093.D
 Acq: 24 Dec 2015 21:55

Instrument :
 BNA_F
 ClientSampleId :
 PB87153BS

Tgt Ion:196 Resp: 77332
 Ion Ratio Lower Upper
 196 100
 198 98.3 79.0 118.6
 97 39.0 33.0 49.6
 132 26.2 21.1 31.7

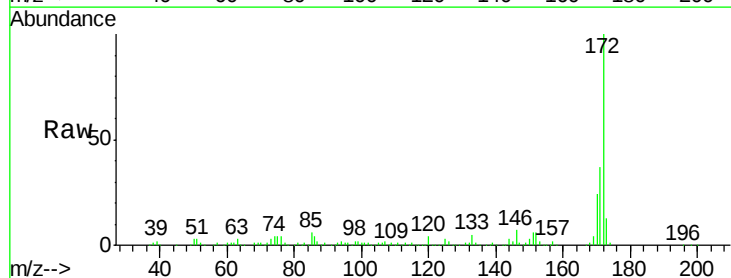


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

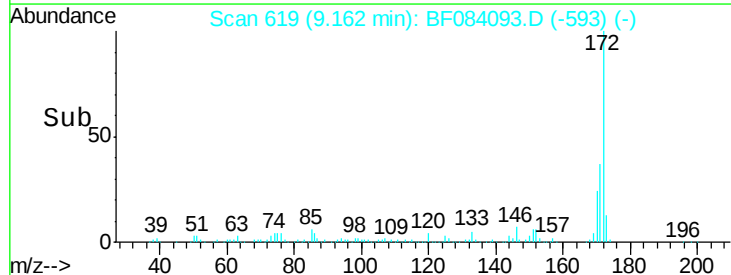
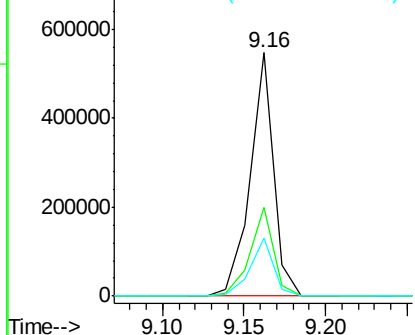


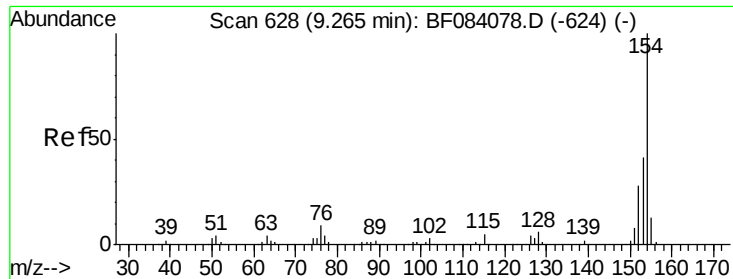
#44
 2-Fluorobiphenyl
 Concen: 78.75 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084093.D
 Acq: 24 Dec 2015 21:55

Tgt Ion:172 Resp: 542798
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.9 43.3
 170 23.9 18.6 27.8



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

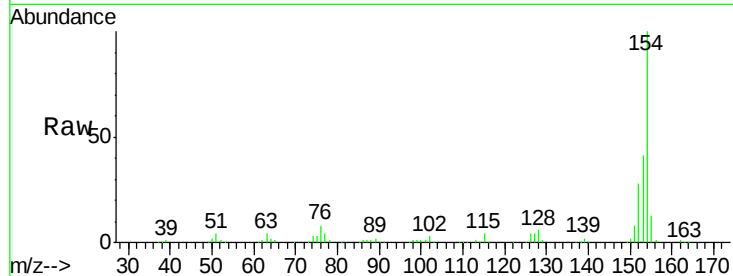




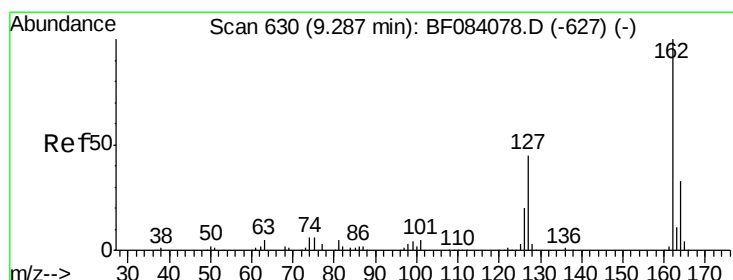
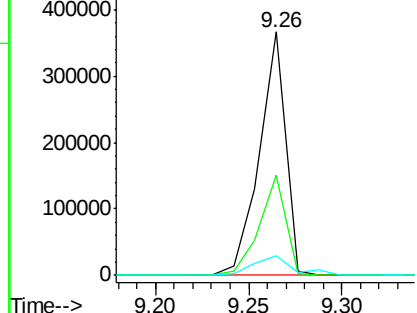
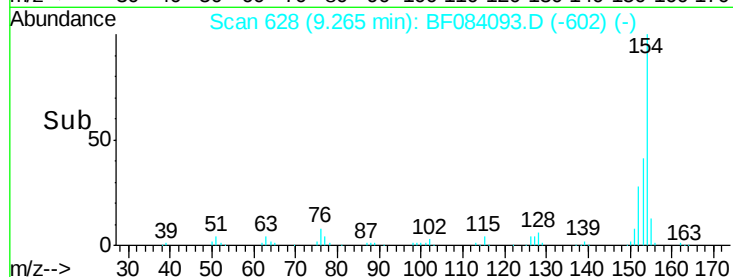
#45
 1,1'-Biphenyl
 Concen: 41.53 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084093.D
 Acq: 24 Dec 2015 21:55

Instrument :
 BNA_F
 ClientSampleId :
 PB87153BS

Tgt Ion:154 Resp: 353854
 Ion Ratio Lower Upper
 154 100
 153 41.4 21.6 61.6
 76 8.2 0.0 32.7

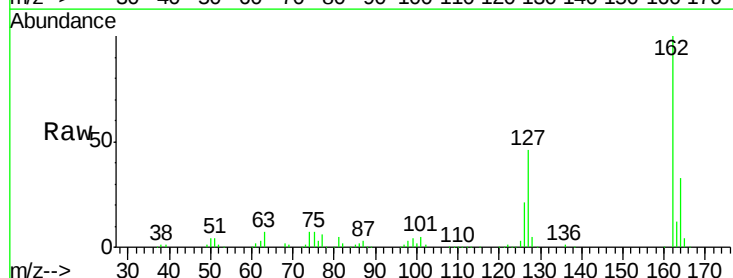


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

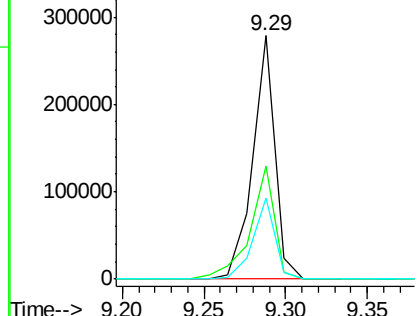
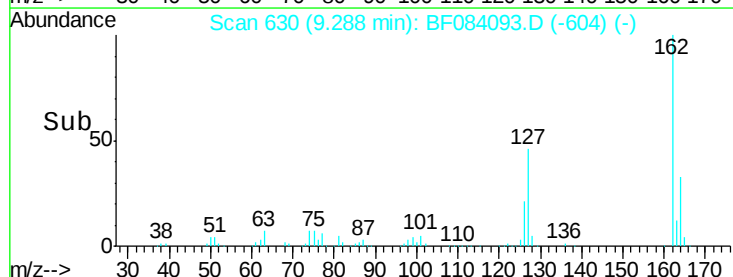


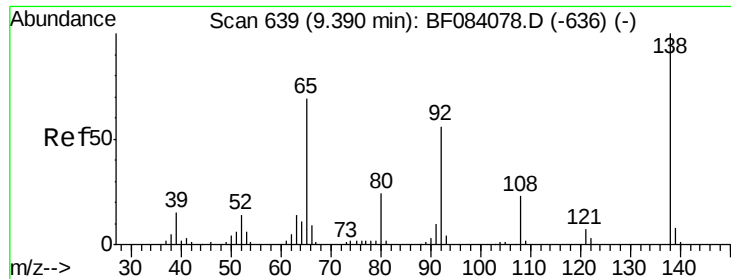
#46
 2-Chloronaphthalene
 Concen: 40.53 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF084093.D
 Acq: 24 Dec 2015 21:55

Tgt Ion:162 Resp: 262566
 Ion Ratio Lower Upper
 162 100
 127 46.3 40.2 60.4
 164 33.5 25.7 38.5



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

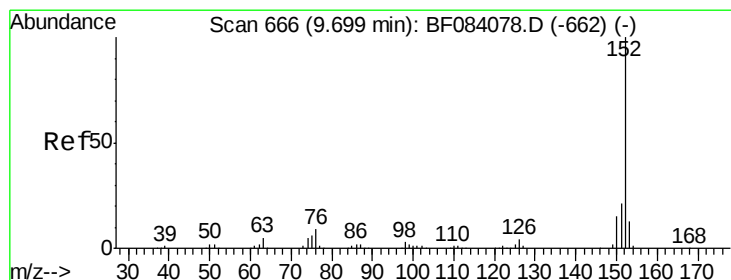
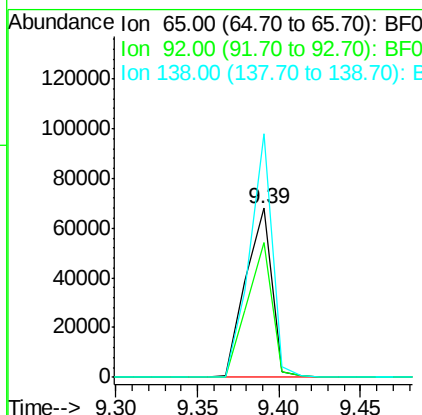
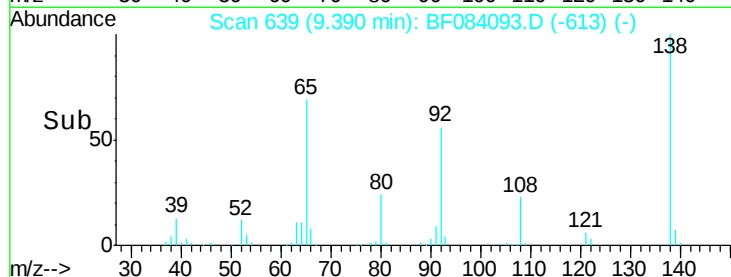
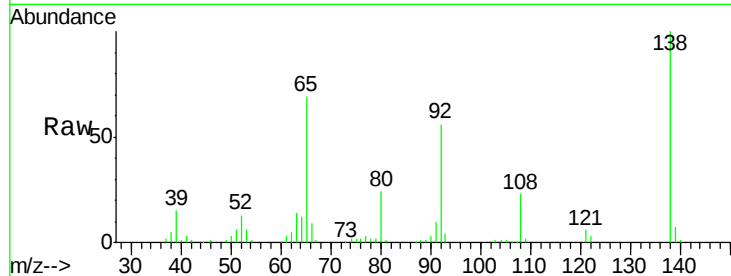




#47
2-Nitroaniline
Concen: 44.06 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF084093.D
Acq: 24 Dec 2015 21:55

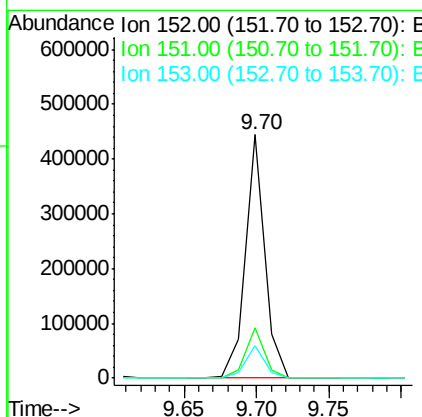
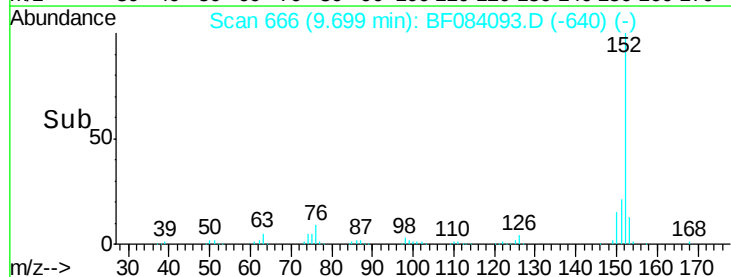
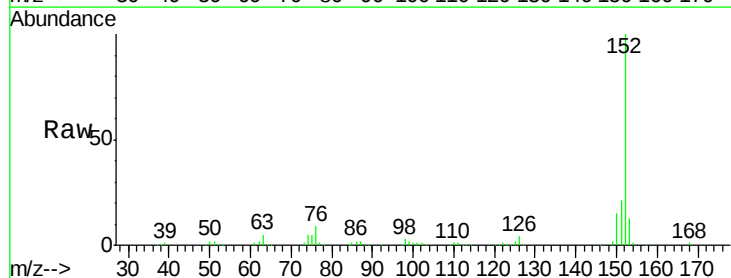
Instrument :
BNA_F
ClientSampleId :
PB87153BS

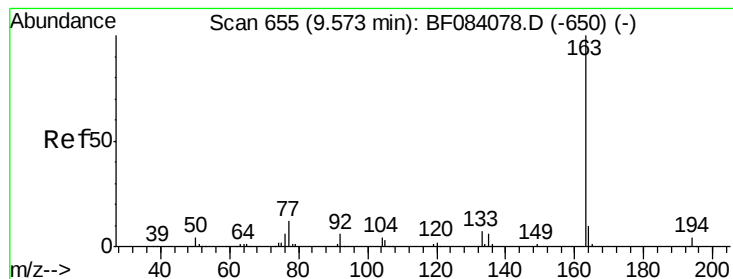
Tgt Ion: 65 Resp: 75841
Ion Ratio Lower Upper
65 100
92 79.9 53.4 80.2
138 143.9 71.1 106.7#



#48
Acenaphthylene
Concen: 38.69 ng
RT: 9.70 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF084093.D
Acq: 24 Dec 2015 21:55

Tgt Ion: 152 Resp: 411652
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.1 10.4 15.6





#49

Dimethylphthalate

Concen: 40.60 ng

RT: 9.57 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF084093.D

Acq: 24 Dec 2015 21:55

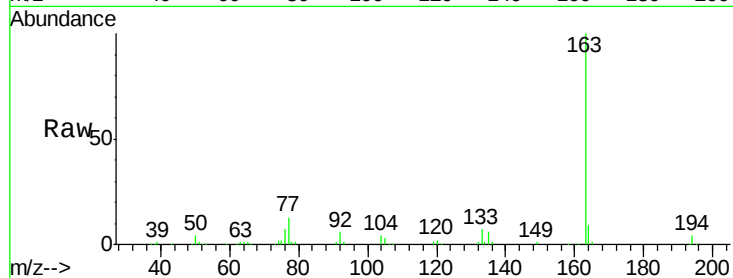
Instrument :

BNA_F

ClientSampleId :

PB87153BS

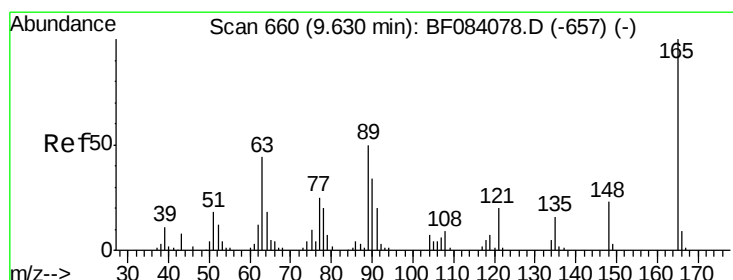
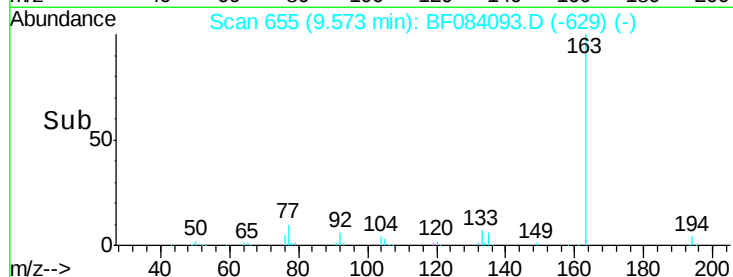
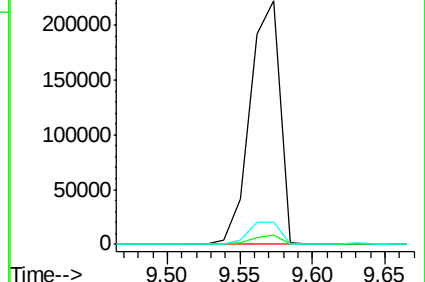
Tgt Ion:	163	Resp:	317155
Ion Ratio	Lower	Upper	
163	100		
194	3.6	8.0	12.0#
164	9.3	8.0	12.0



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: 43.96 ng

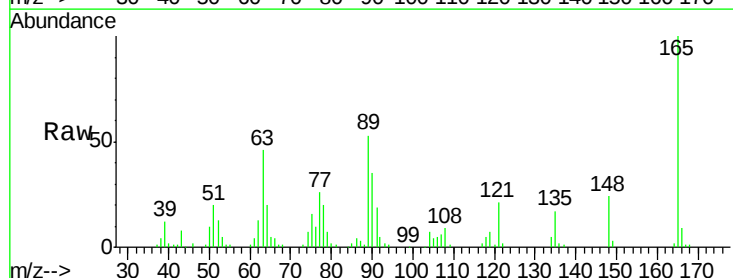
RT: 9.63 min Scan# 660

Delta R.T. 0.00 min

Lab File: BF084093.D

Acq: 24 Dec 2015 21:55

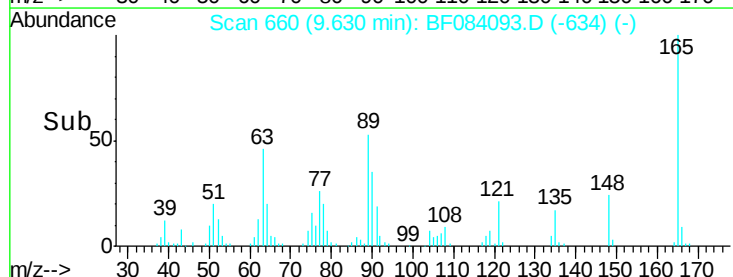
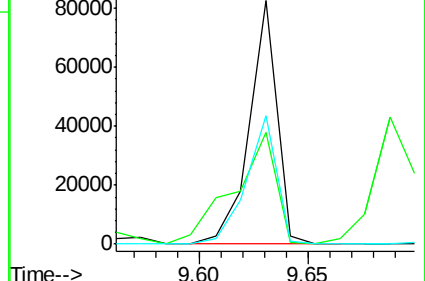
Tgt Ion:	165	Resp:	72889
Ion Ratio	Lower	Upper	
165	100		
63	46.0	28.8	43.2#
89	52.9	35.1	52.7#

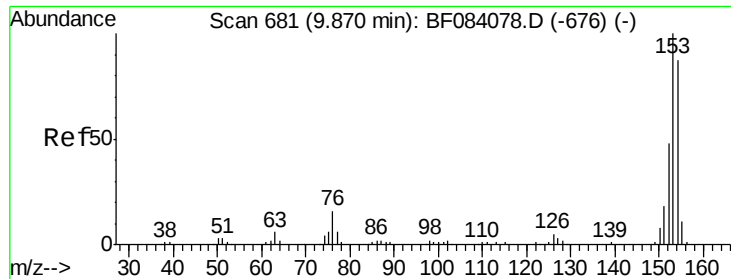


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.62 ng

RT: 9.87 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF084093.D

Acq: 24 Dec 2015 21:55

Instrument :

BNA_F

ClientSampleId :

PB87153BS

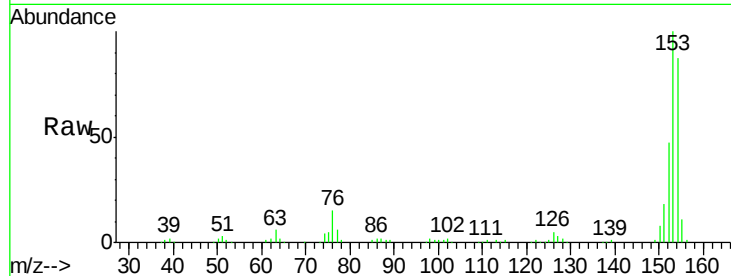
Tgt Ion:154 Resp: 238923

Ion Ratio Lower Upper

154 100

153 115.2 91.5 137.3

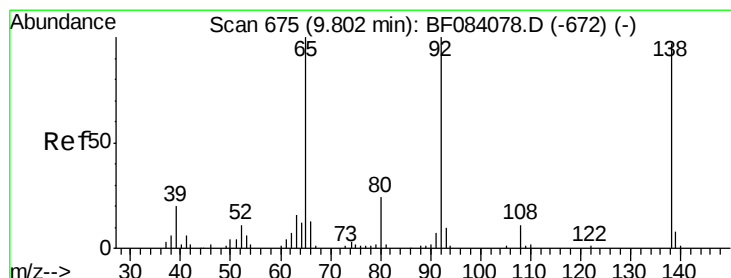
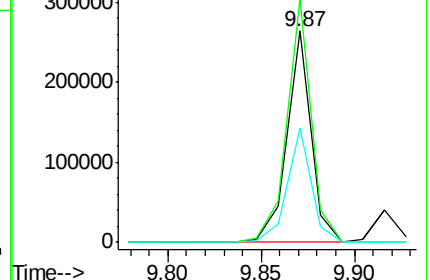
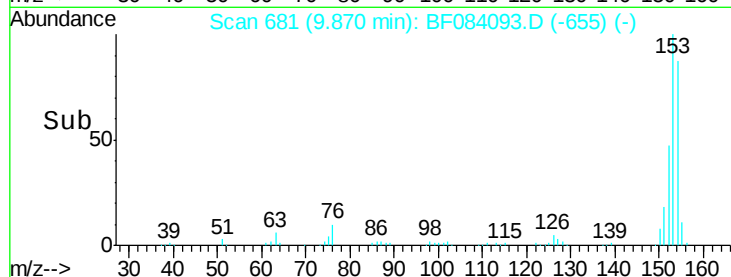
152 54.1 43.0 64.6



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: 34.75 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF084093.D

Acq: 24 Dec 2015 21:55

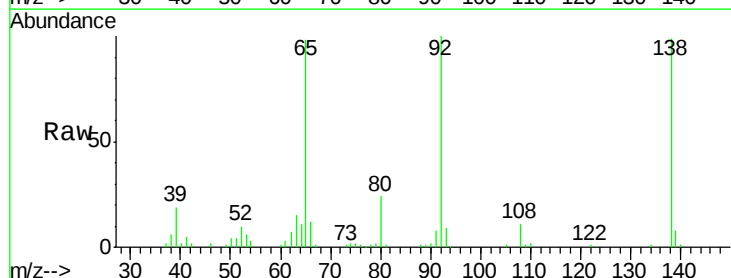
Tgt Ion:138 Resp: 61842

Ion Ratio Lower Upper

138 100

108 11.0 10.5 15.7

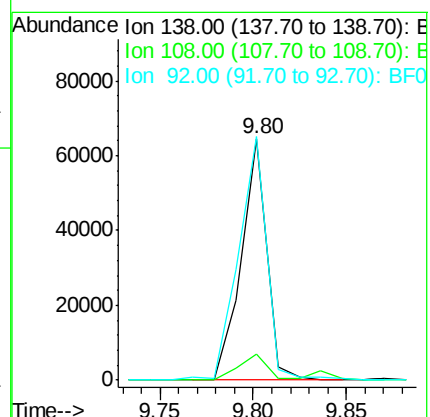
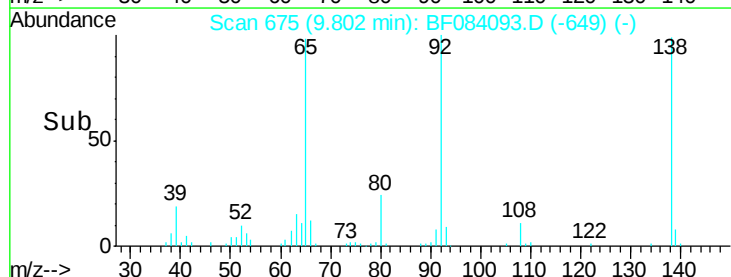
92 100.9 103.9 155.9#

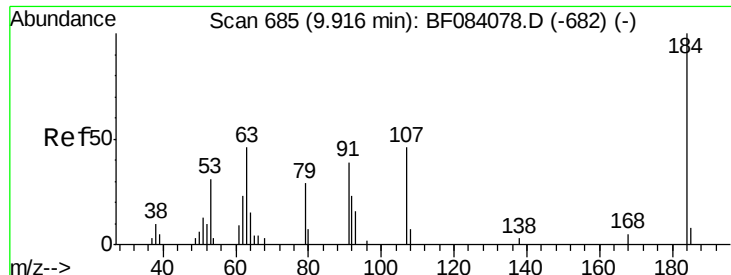


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

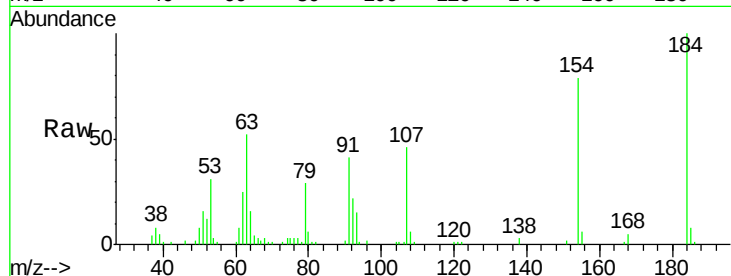




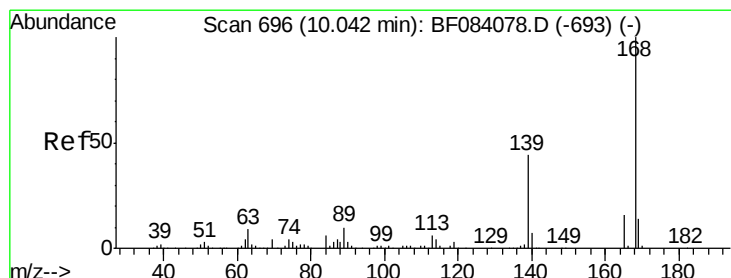
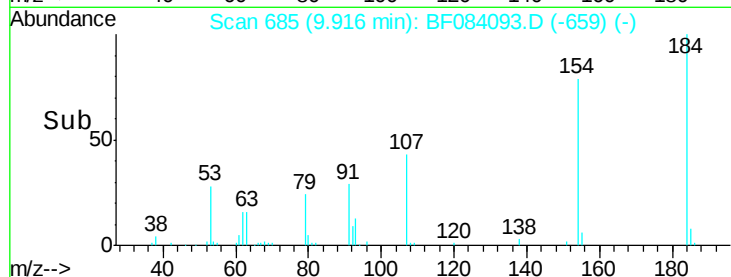
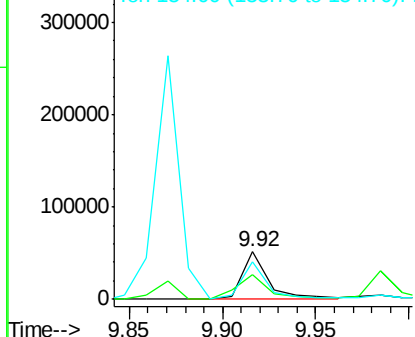
#53
 2,4-Dinitrophenol
 Concen: 78.74 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF084093.D
 Acq: 24 Dec 2015 21:55

Instrument :
 BNA_F
 ClientSampleId :
 PB87153BS

Tgt Ion:184 Resp: 50371
 Ion Ratio Lower Upper
 184 100
 63 51.6 43.1 64.7
 154 78.7 60.5 90.7

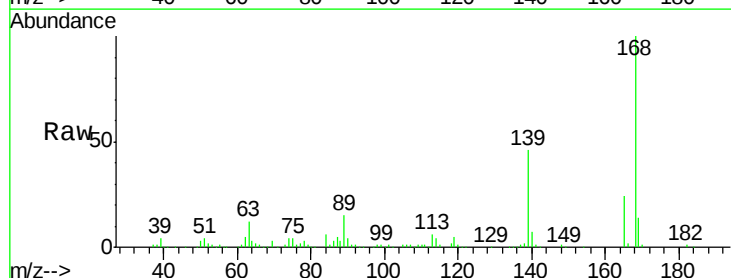


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

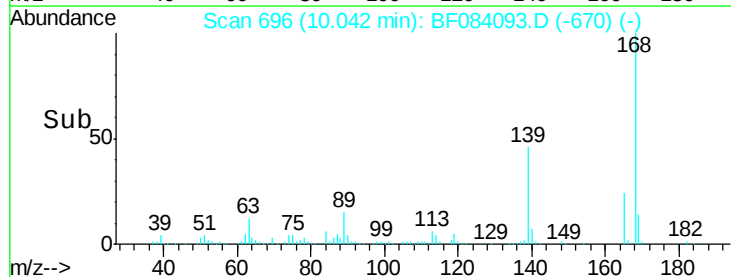
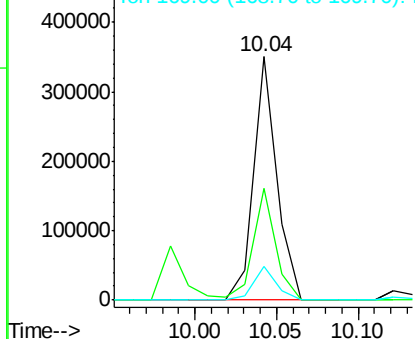


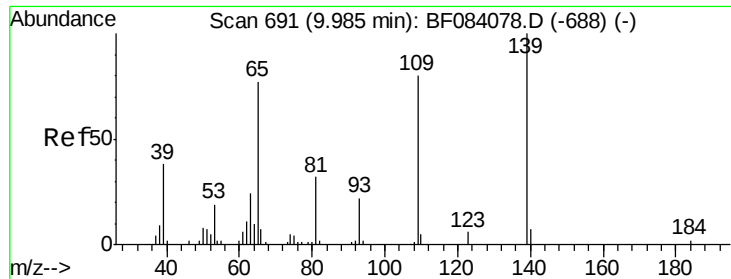
#54
 Dibenzofuran
 Concen: 40.69 ng
 RT: 10.04 min Scan# 696
 Delta R.T. 0.00 min
 Lab File: BF084093.D
 Acq: 24 Dec 2015 21:55

Tgt Ion:168 Resp: 346245
 Ion Ratio Lower Upper
 168 100
 139 45.9 30.5 45.7#
 169 13.8 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 82.01 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF084093.D

Acq: 24 Dec 2015 21:55

Instrument :

BNA_F

ClientSampleId :

PB87153BS

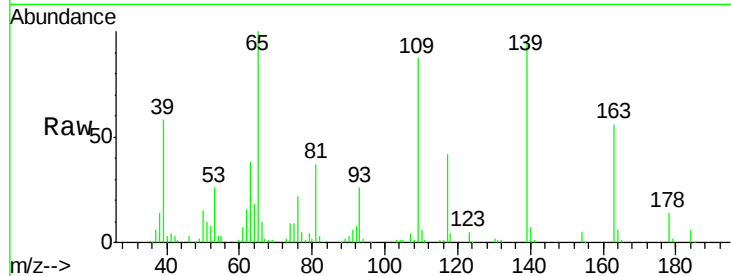
Tgt Ion:139 Resp: 74482

Ion Ratio Lower Upper

139 100

109 91.6 58.5 98.5

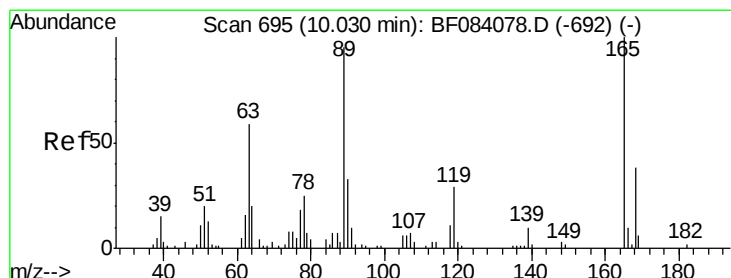
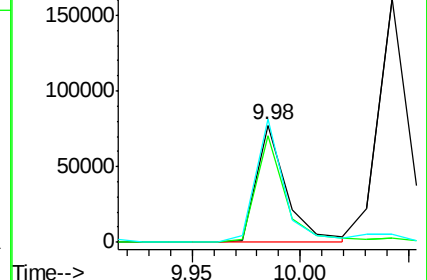
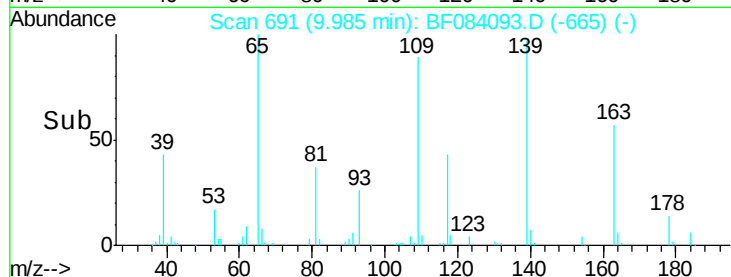
65 105.6 57.6 97.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 42.99 ng

RT: 10.04 min Scan# 696

Delta R.T. 0.01 min

Lab File: BF084093.D

Acq: 24 Dec 2015 21:55

Tgt Ion:165 Resp: 94105

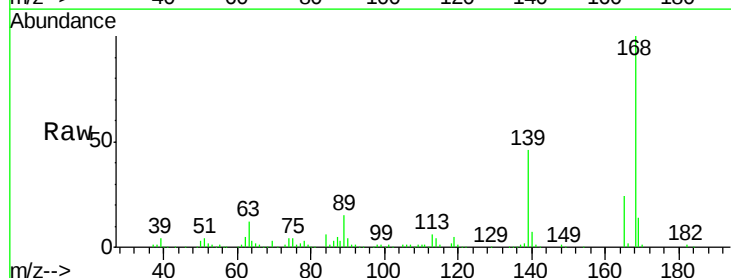
Ion Ratio Lower Upper

165 100

63 49.1 36.7 55.1

89 62.9 61.9 92.9

182 2.6 2.0 3.0

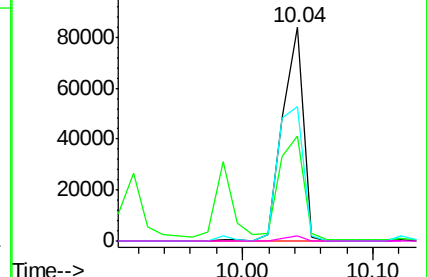
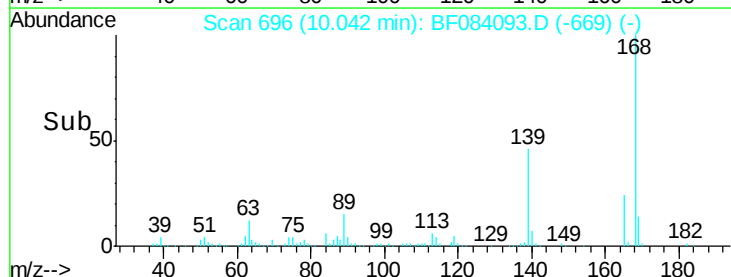


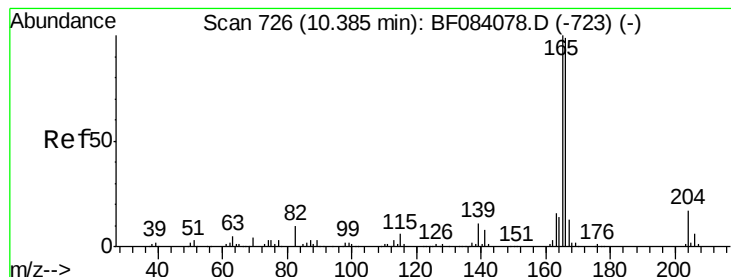
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.85 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF084093.D

Acq: 24 Dec 2015 21:55

Instrument :

BNA_F

ClientSampleId :

PB87153BS

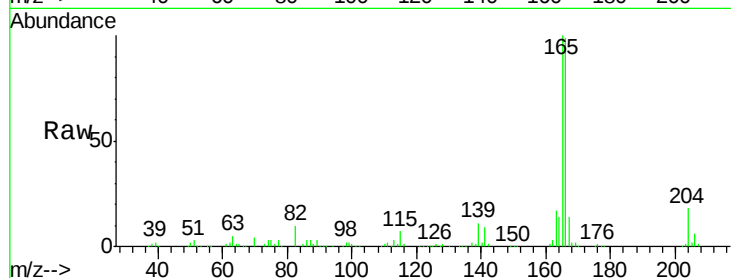
Tgt Ion:166 Resp: 288197

Ion Ratio Lower Upper

166 100

165 100.6 79.1 118.7

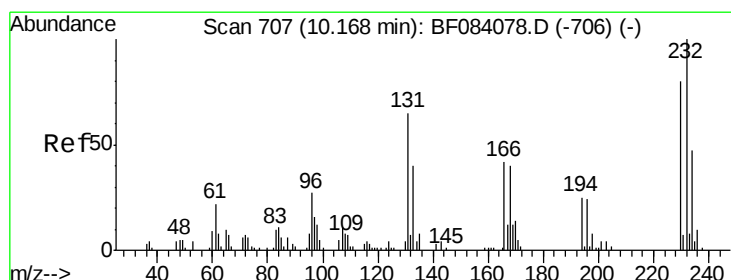
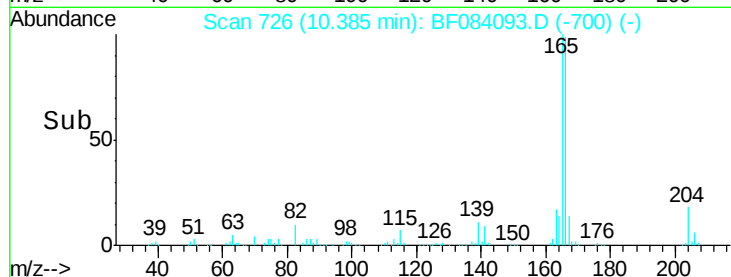
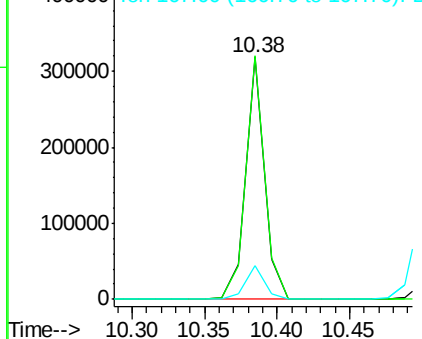
167 13.8 10.4 15.6



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: 48.93 ng

RT: 10.17 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF084093.D

Acq: 24 Dec 2015 21:55

Tgt Ion:232 Resp: 67688

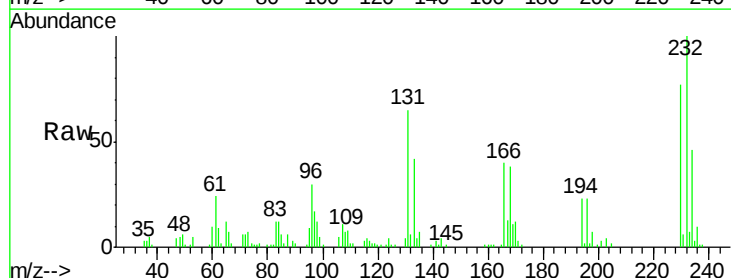
Ion Ratio Lower Upper

232 100

131 54.6 47.0 70.6

130 2.7 2.0 3.0

166 34.6 30.5 45.7

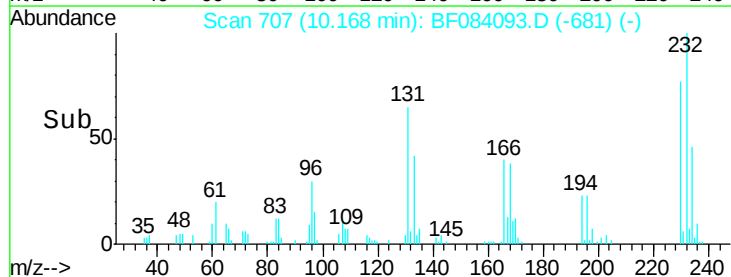
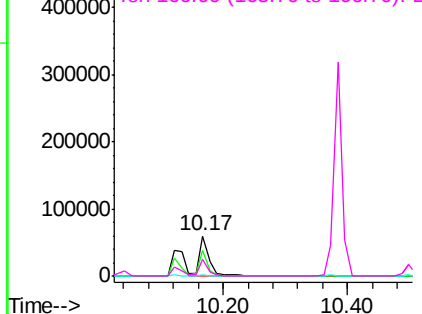


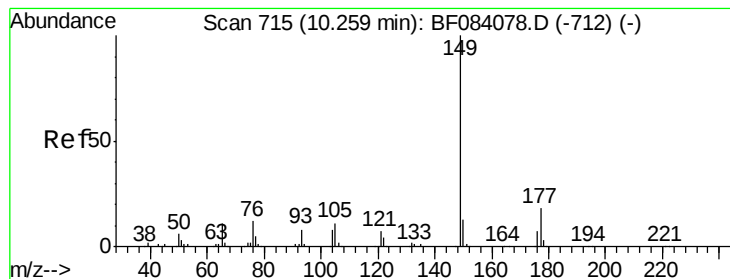
Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.45 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF084093.D

Acq: 24 Dec 2015 21:55

Instrument :

BNA_F

ClientSampleId :

PB87153BS

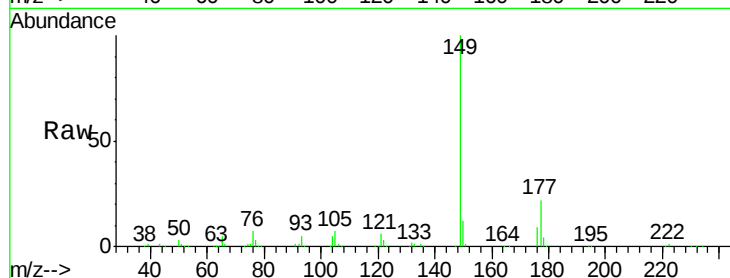
Tgt Ion:149 Resp: 320968

Ion Ratio Lower Upper

149 100

177 22.3 17.3 25.9

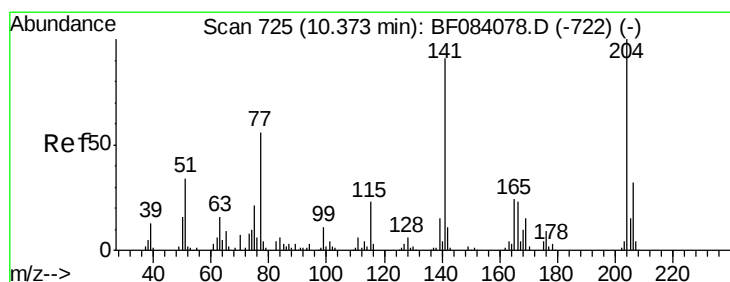
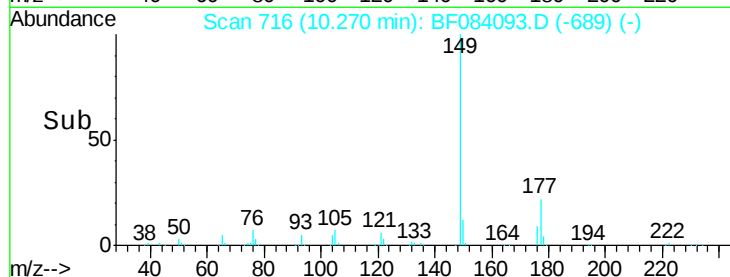
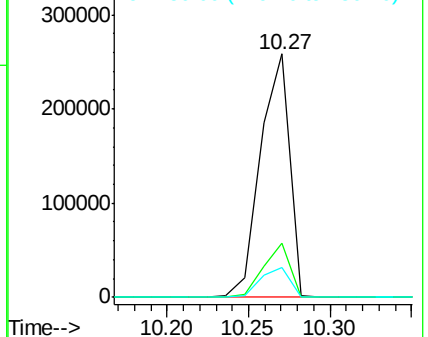
150 12.1 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 35.75 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF084093.D

Acq: 24 Dec 2015 21:55

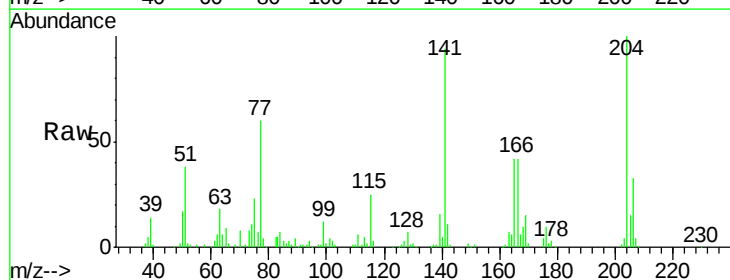
Tgt Ion:204 Resp: 119222

Ion Ratio Lower Upper

204 100

206 33.3 25.7 38.5

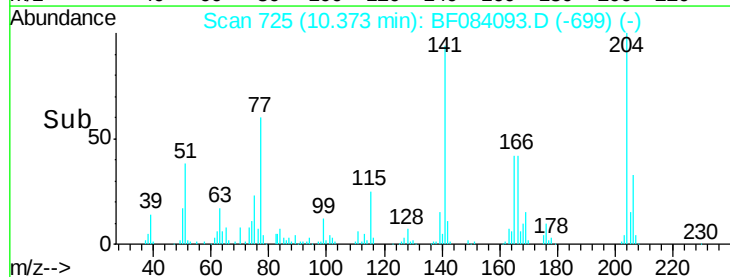
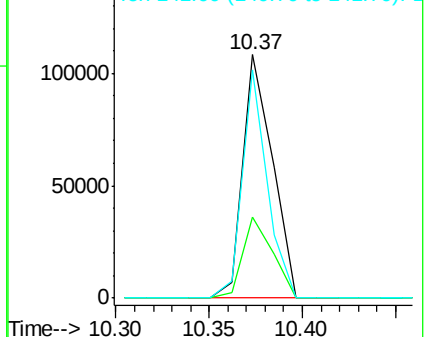
141 93.9 55.1 82.7#

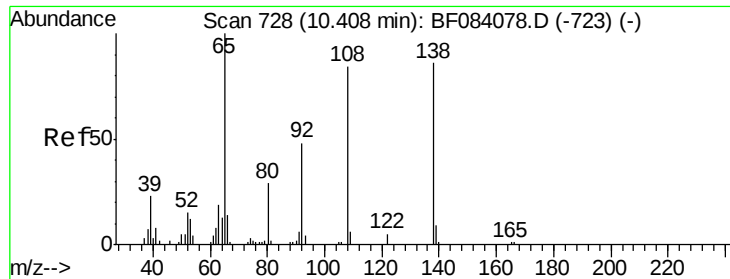


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

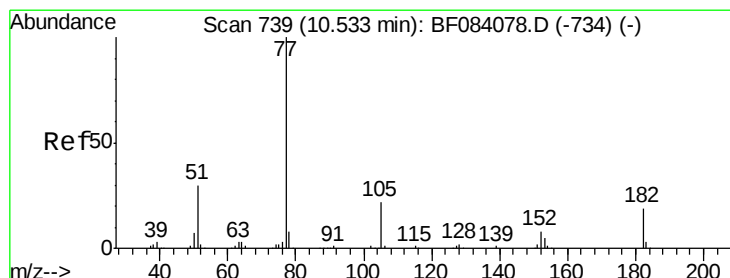
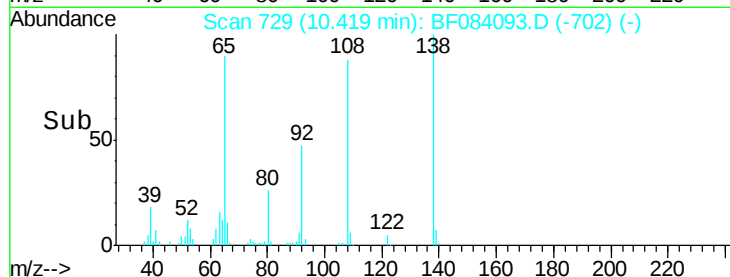
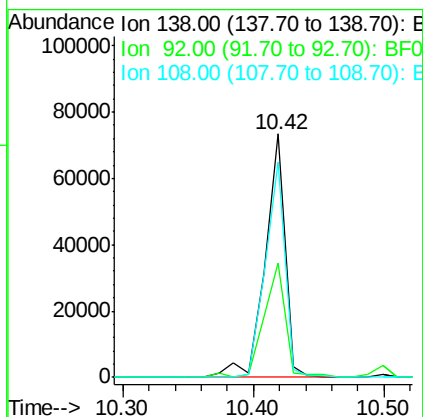
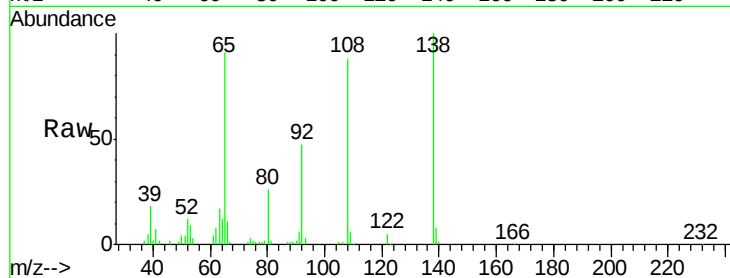




#61
4-Nitroaniline
Concen: 48.10 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF084093.D
Acq: 24 Dec 2015 21:55

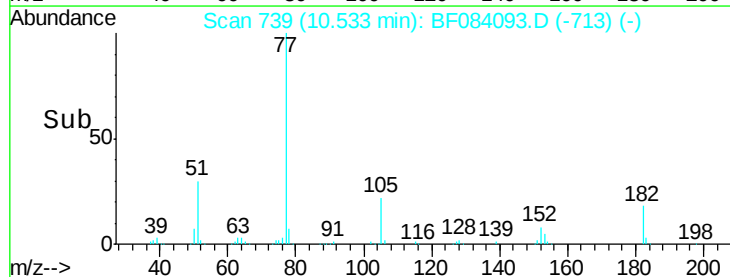
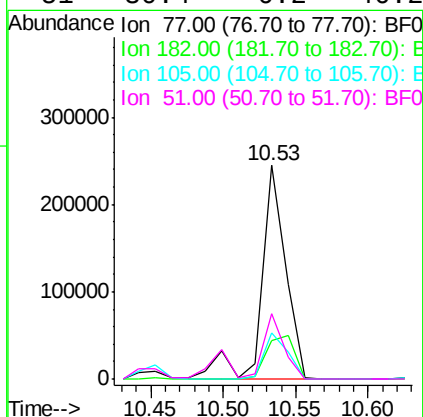
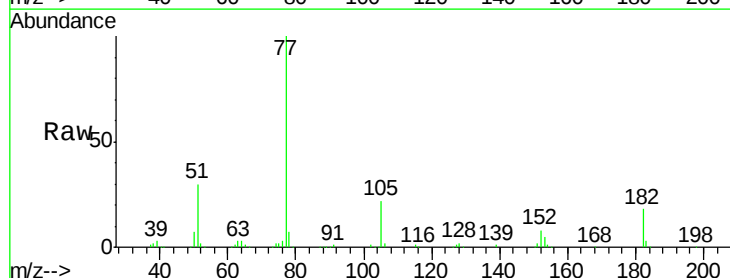
Instrument :
BNA_F
ClientSampleId :
PB87153BS

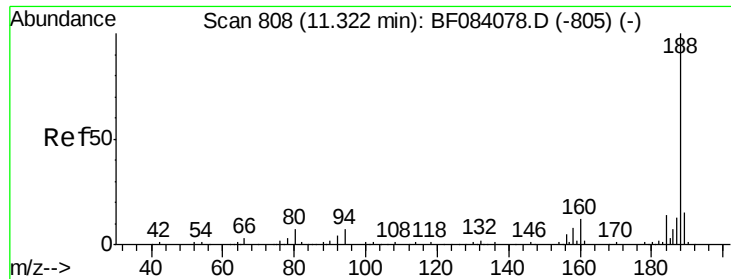
Tgt Ion:138 Resp: 79100
Ion Ratio Lower Upper
138 100
92 46.8 32.6 72.6
108 88.4 68.6 108.6



#62
Azobenzene
Concen: 43.57 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF084093.D
Acq: 24 Dec 2015 21:55

Tgt Ion: 77 Resp: 284811
Ion Ratio Lower Upper
77 100
182 17.9 8.3 48.3
105 21.6 4.6 44.6
51 30.4 6.2 46.2

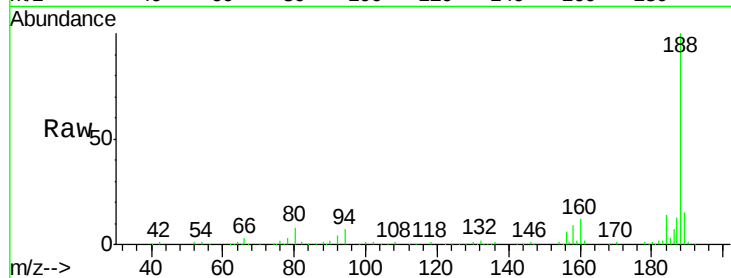




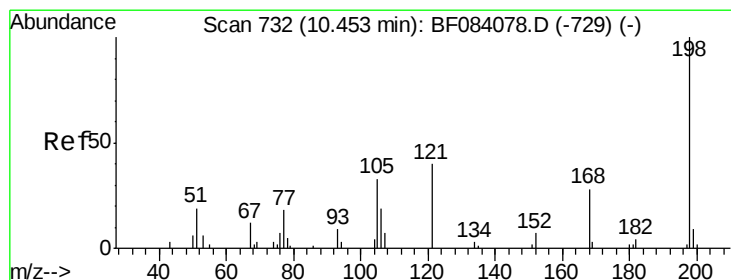
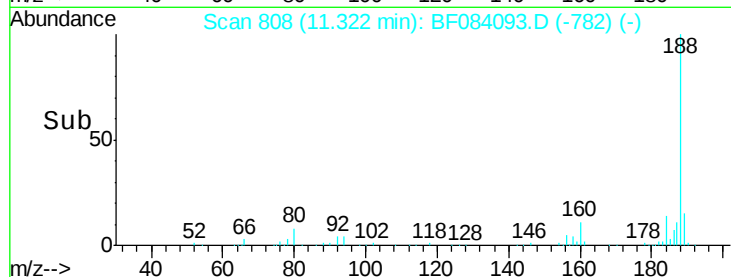
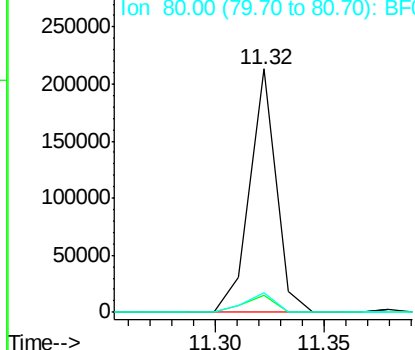
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF084093.D
Acq: 24 Dec 2015 21:55

Instrument :
BNA_F
ClientSampleId :
PB87153BS

Tgt Ion:188 Resp: 180142
Ion Ratio Lower Upper
188 100
94 7.2 9.0 13.4#
80 8.1 9.6 14.4#

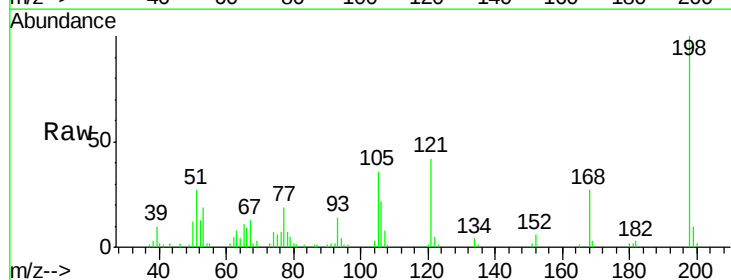


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

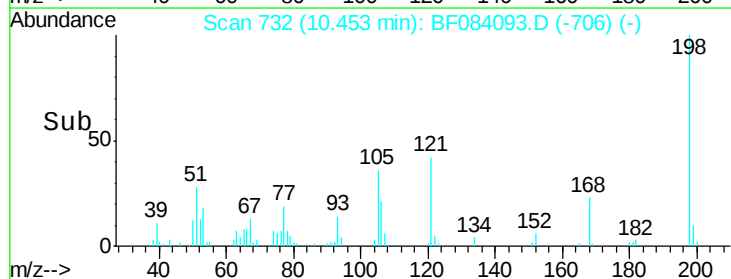
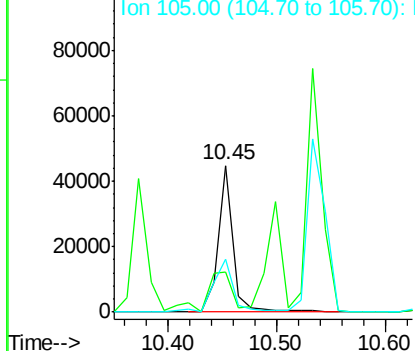


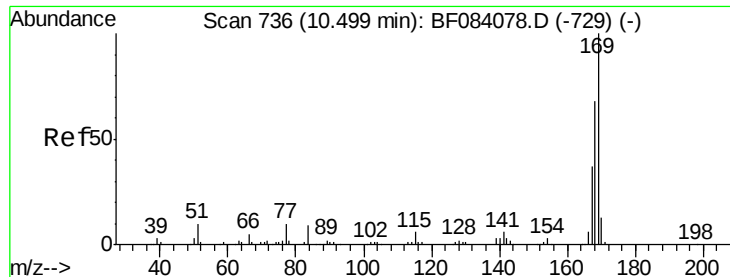
#64
4,6-Dinitro-2-methylphenol
Concen: 42.95 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF084093.D
Acq: 24 Dec 2015 21:55

Tgt Ion:198 Resp: 42941
Ion Ratio Lower Upper
198 100
51 27.4 18.9 58.9
105 35.8 26.4 66.4



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

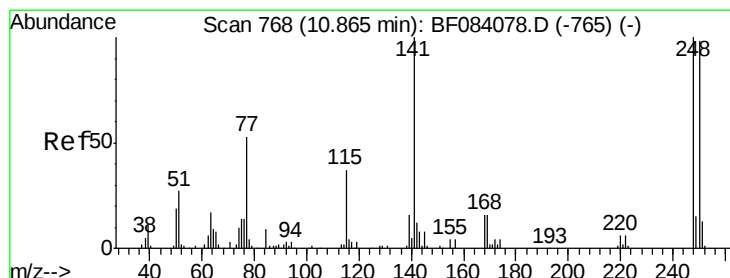
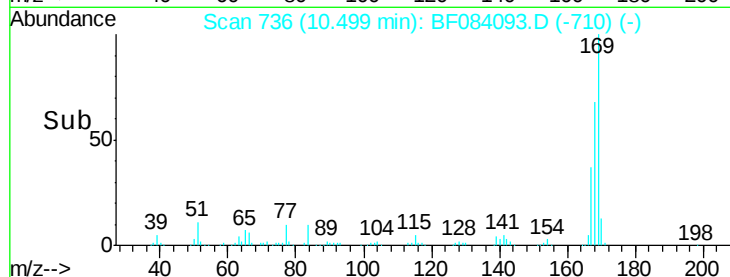
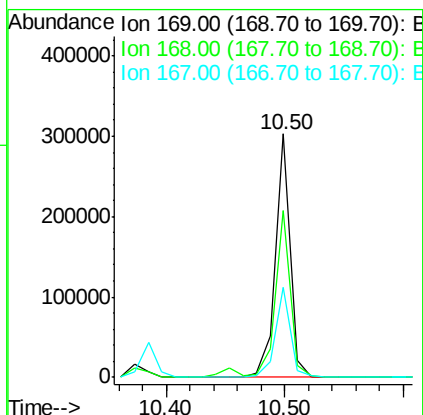
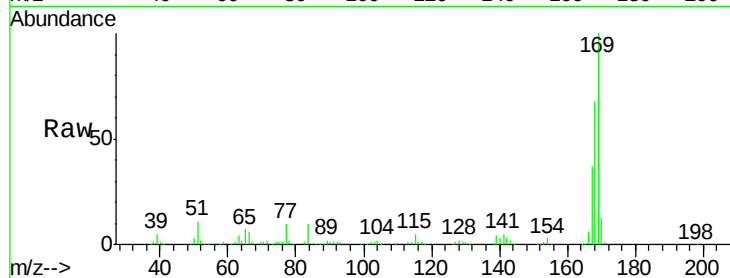




#65
 n-Nitrosodiphenylamine
 Concen: 40.90 ng
 RT: 10.50 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF084093.D
 Acq: 24 Dec 2015 21:55

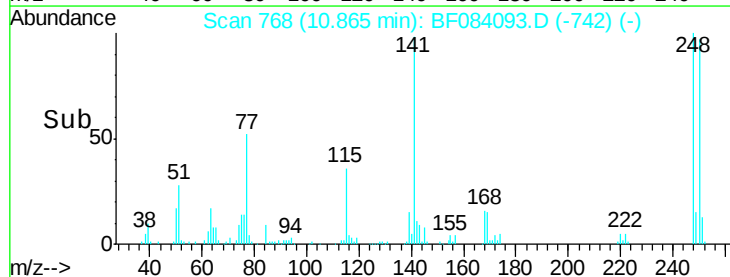
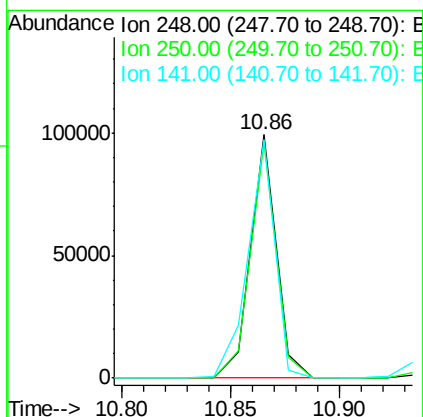
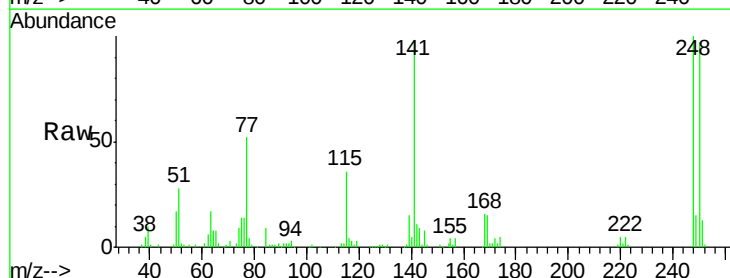
Instrument :
 BNA_F
 ClientSampleId :
 PB87153BS

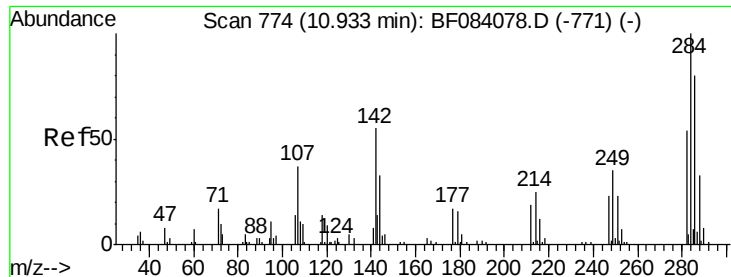
Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.3	55.1	82.7
167	37.0	30.0	45.0



#66
 4-Bromophenyl-phenylether
 Concen: 39.32 ng
 RT: 10.86 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF084093.D
 Acq: 24 Dec 2015 21:55

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.0	78.4	117.6
141	98.0	44.0	66.0





#67

Hexachlorobenzene

Concen: 38.48 ng

RT: 10.93 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF084093.D

Acq: 24 Dec 2015 21:55

Instrument :

BNA_F

ClientSampleId :

PB87153BS

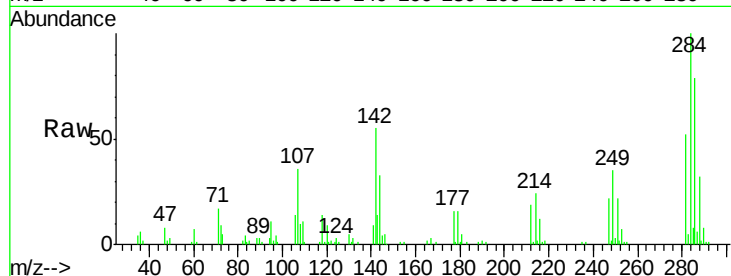
Tgt Ion:284 Resp: 87926

Ion Ratio Lower Upper

284 100

142 55.0 22.2 33.4#

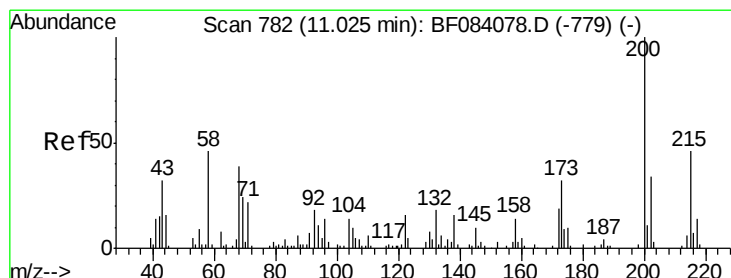
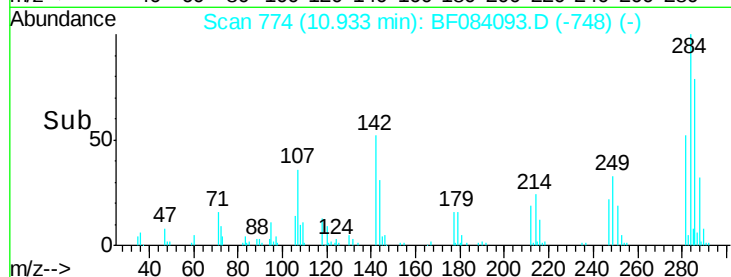
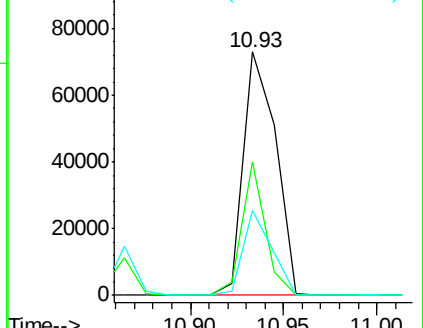
249 34.8 24.6 37.0



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: 34.42 ng

RT: 11.02 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF084093.D

Acq: 24 Dec 2015 21:55

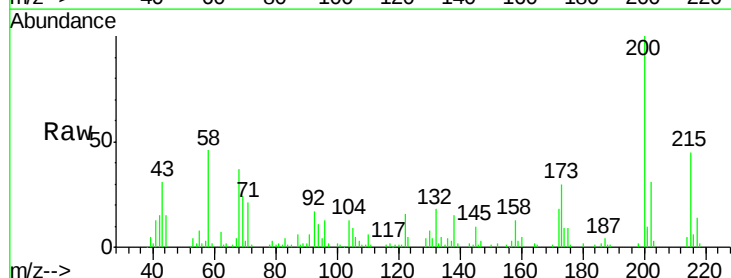
Tgt Ion:200 Resp: 66575

Ion Ratio Lower Upper

200 100

173 29.9 9.5 49.5

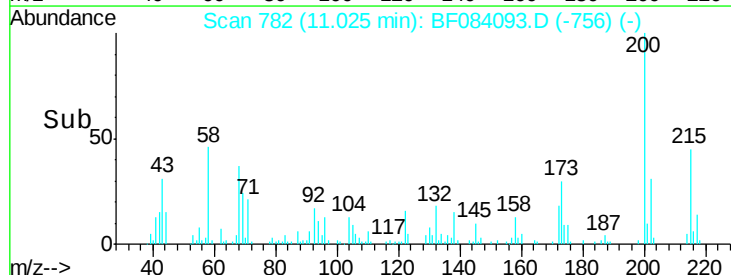
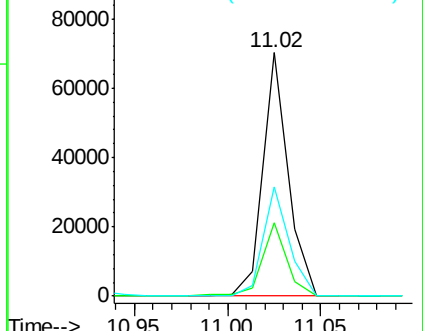
215 45.1 23.8 63.8

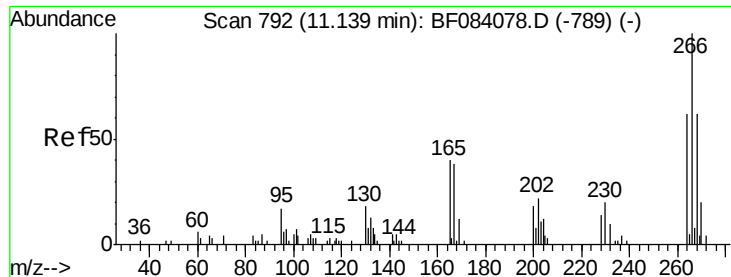


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

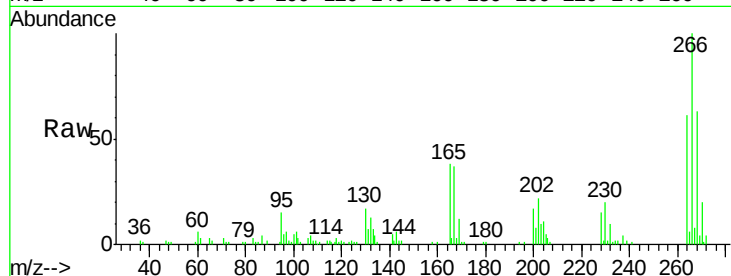




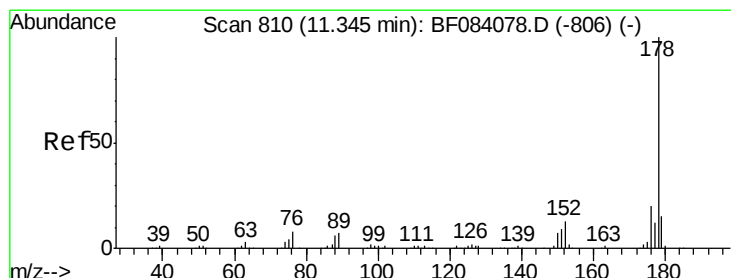
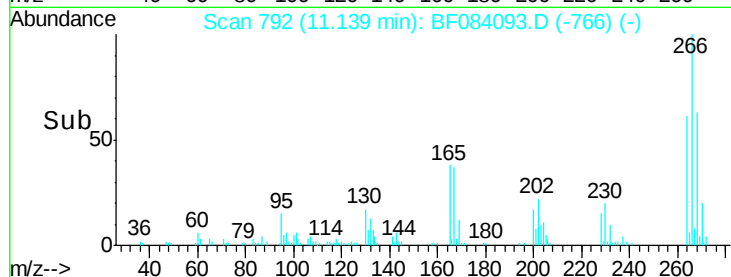
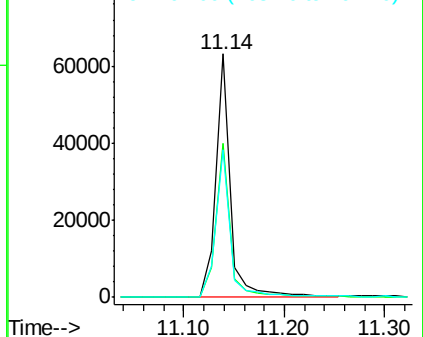
#69
 Pentachlorophenol
 Concen: 84.58 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF084093.D
 Acq: 24 Dec 2015 21:55

Instrument :
 BNA_F
 ClientSampleId :
 PB87153BS

Tgt Ion:266 Resp: 63926
 Ion Ratio Lower Upper
 266 100
 268 63.3 52.4 78.6
 264 60.8 50.2 75.2

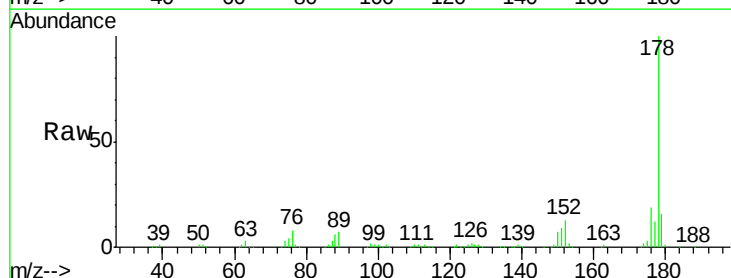


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

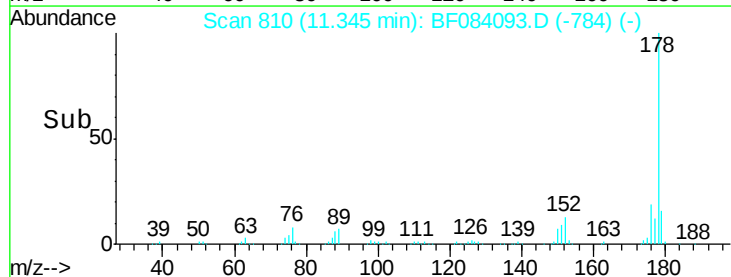
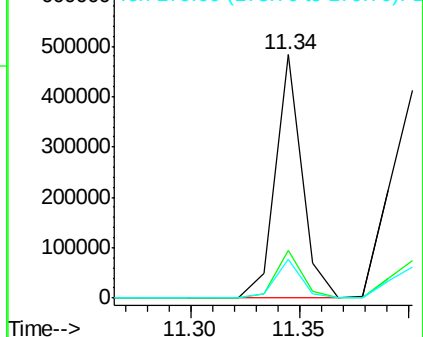


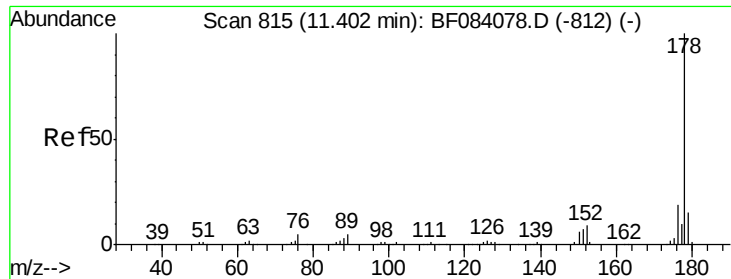
#70
 Phenanthrene
 Concen: 38.86 ng
 RT: 11.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF084093.D
 Acq: 24 Dec 2015 21:55

Tgt Ion:178 Resp: 415027
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.3 22.9
 179 15.8 12.0 18.0



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

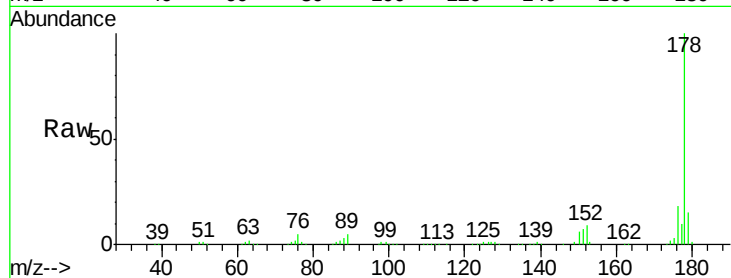




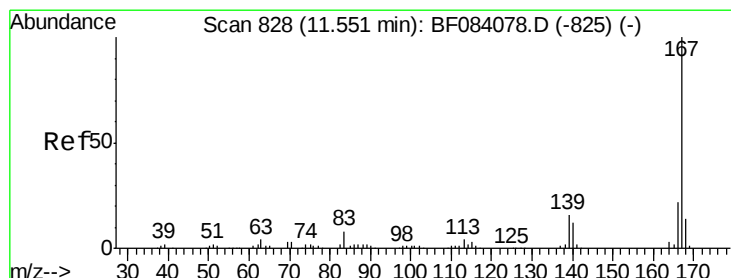
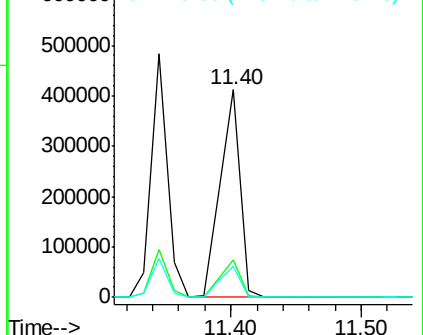
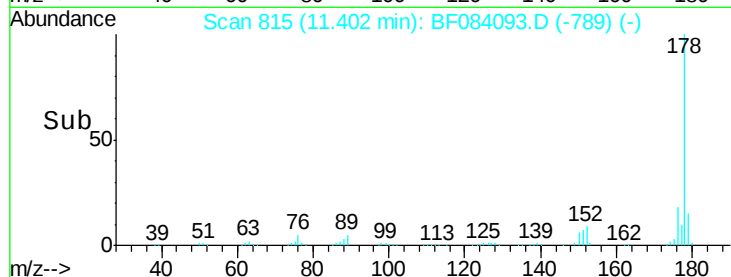
#71
 Anthracene
 Concen: 39.56 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF084093.D
 Acq: 24 Dec 2015 21:55

Instrument :
 BNA_F
 ClientSampleId :
 PB87153BS

Tgt Ion:178 Resp: 441747
 Ion Ratio Lower Upper
 178 100
 176 17.9 15.4 23.0
 179 15.0 12.5 18.7

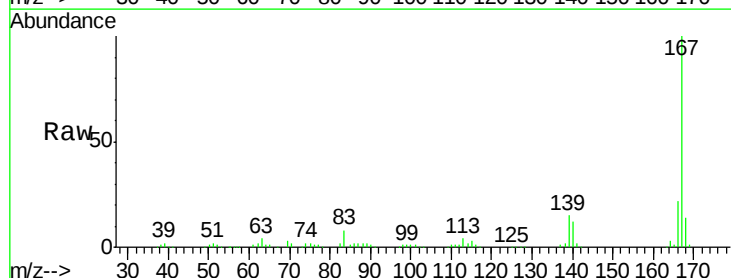


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

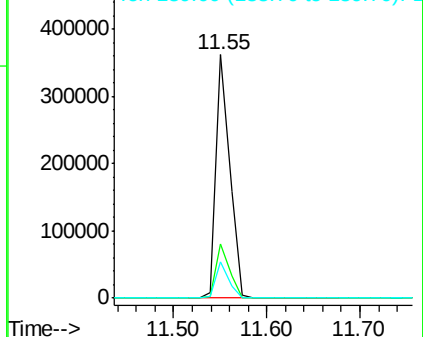
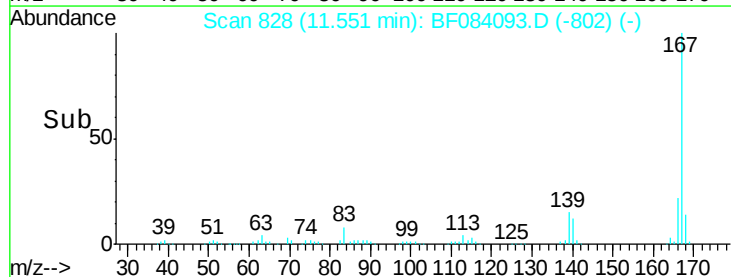


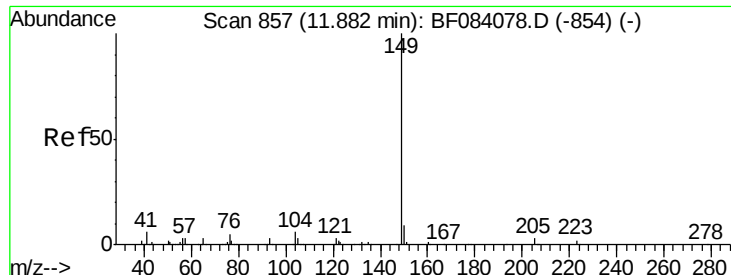
#72
 Carbazole
 Concen: 38.65 ng
 RT: 11.55 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF084093.D
 Acq: 24 Dec 2015 21:55

Tgt Ion:167 Resp: 367129
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 14.9 11.8 17.8



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

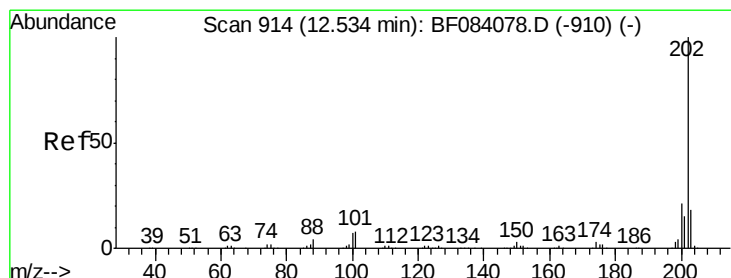
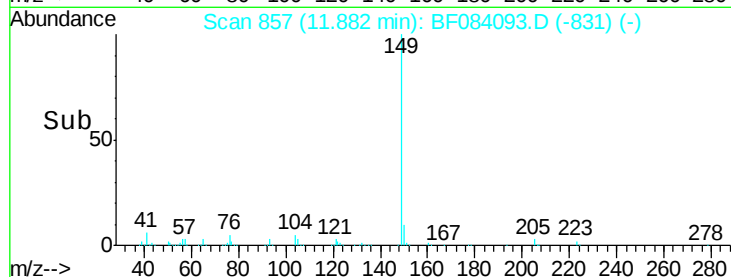
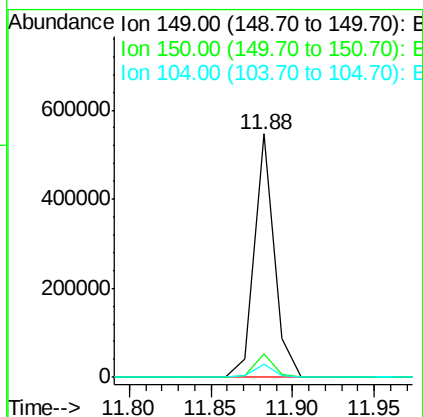
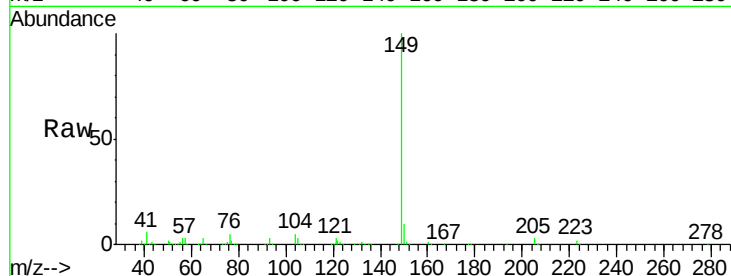




#73
Di-n-butylphthalate
Concen: 37.88 ng
RT: 11.88 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF084093.D
Acq: 24 Dec 2015 21:55

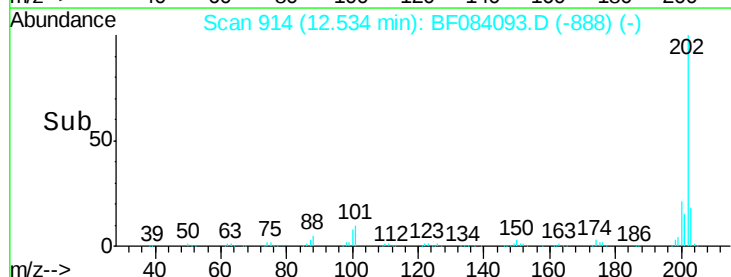
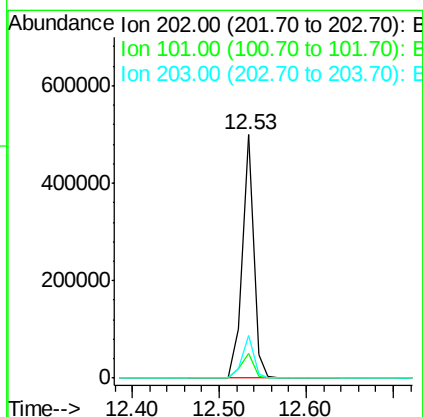
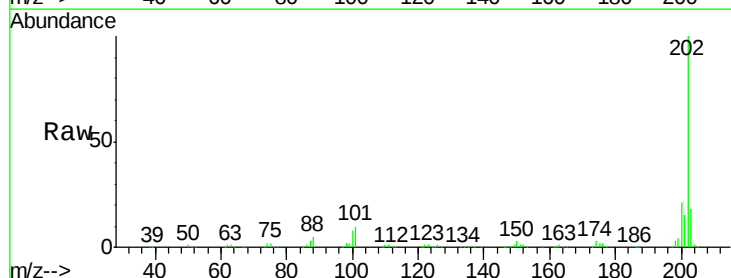
Instrument :
BNA_F
ClientSampleId :
PB87153BS

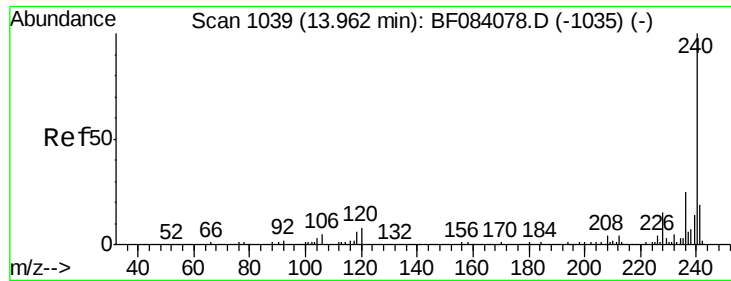
Tgt Ion:149 Resp: 463631
Ion Ratio Lower Upper
149 100
150 9.6 7.1 10.7
104 5.4 3.2 4.8#



#74
Fluoranthene
Concen: 39.06 ng
RT: 12.53 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF084093.D
Acq: 24 Dec 2015 21:55

Tgt Ion:202 Resp: 448264
Ion Ratio Lower Upper
202 100
101 10.0 0.0 32.8
203 17.6 0.0 37.9

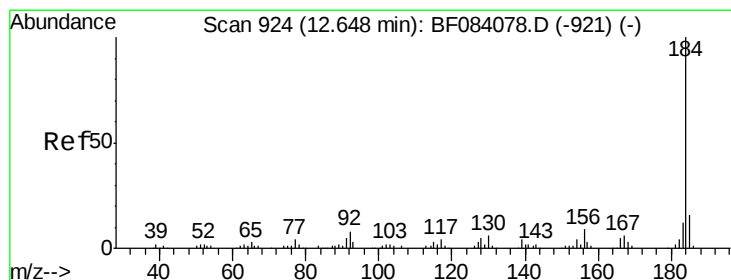
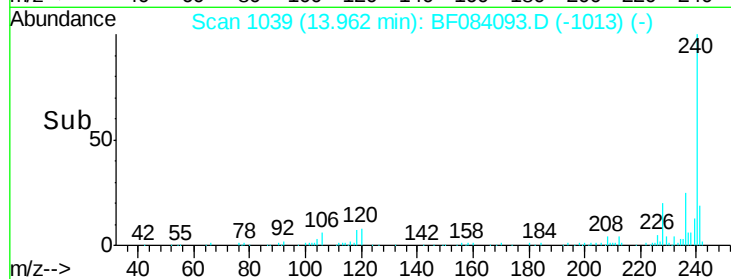
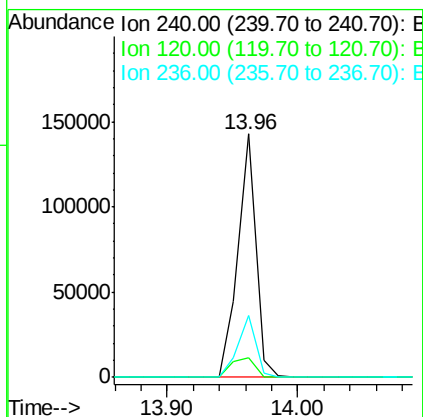
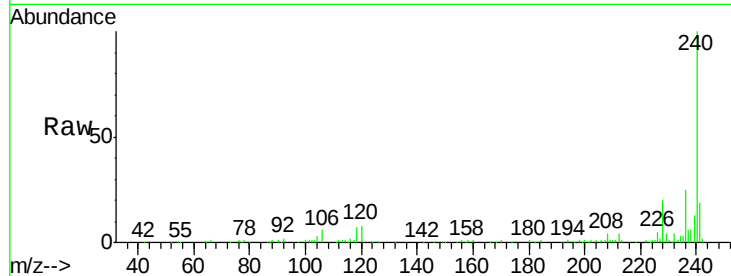




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF084093.D
Acq: 24 Dec 2015 21:55

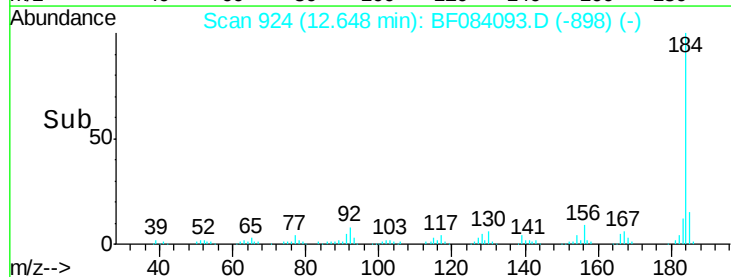
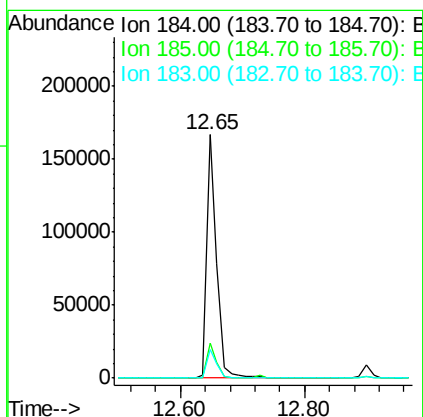
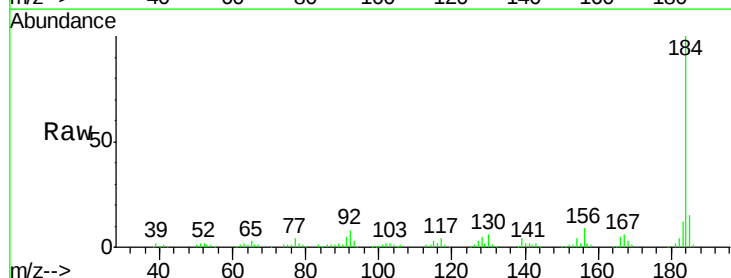
Instrument :
BNA_F
ClientSampleId :
PB87153BS

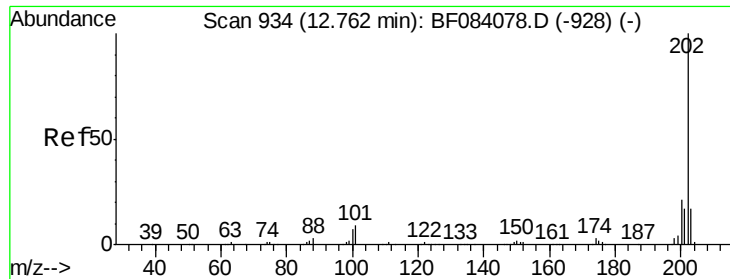
Tgt Ion:240 Resp: 136523
Ion Ratio Lower Upper
240 100
120 8.0 9.5 14.3#
236 25.2 20.6 31.0



#76
Benzidine
Concen: 39.30 ng
RT: 12.65 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF084093.D
Acq: 24 Dec 2015 21:55

Tgt Ion:184 Resp: 182353
Ion Ratio Lower Upper
184 100
185 14.5 12.2 18.2
183 11.8 9.8 14.8

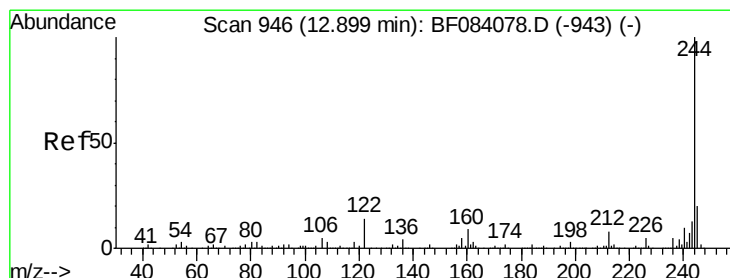
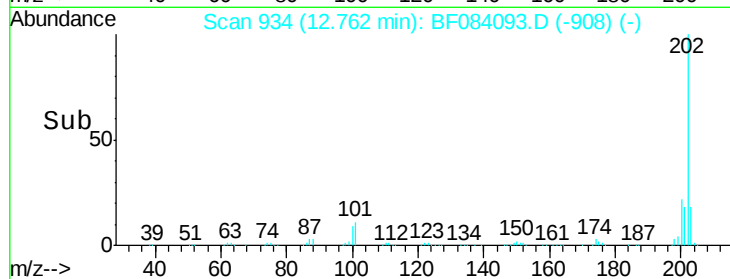
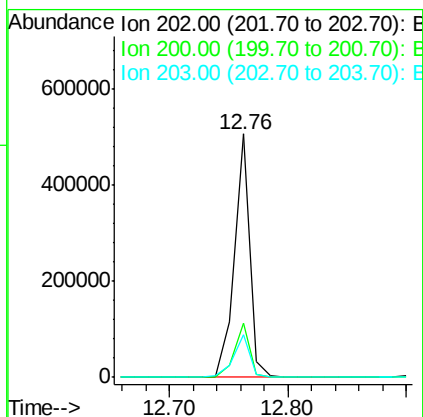
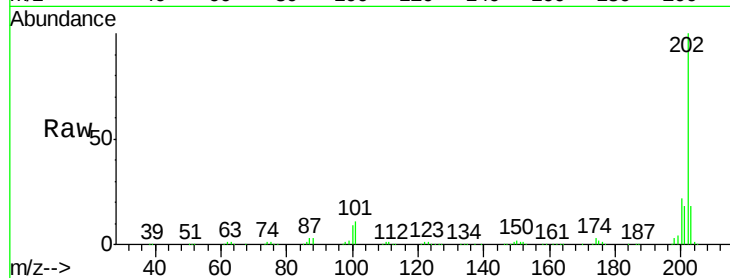




#77
 Pyrene
 Concen: 38.57 ng
 RT: 12.76 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF084093.D
 Acq: 24 Dec 2015 21:55

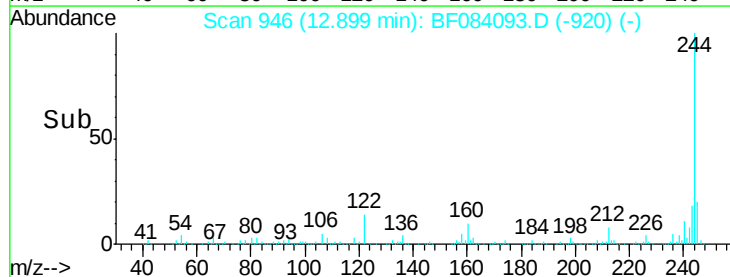
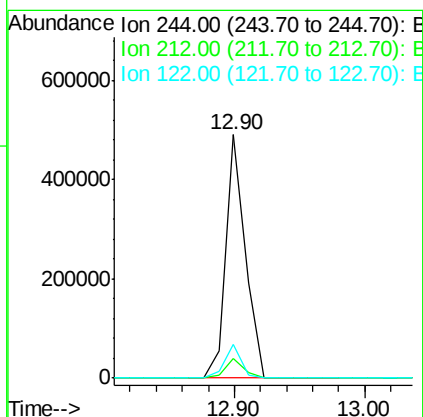
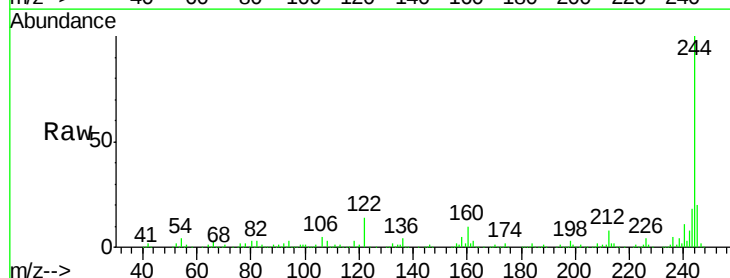
Instrument :
 BNA_F
 ClientSampleId :
 PB87153BS

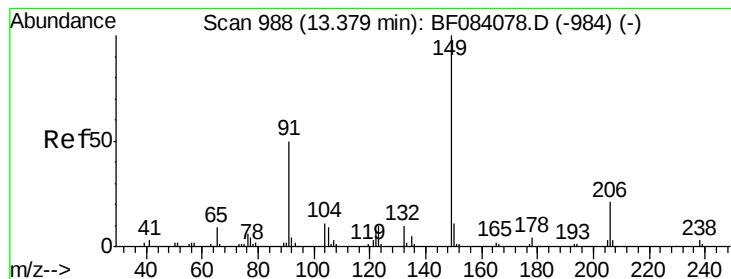
Tgt Ion: 202 Resp: 454342
 Ion Ratio Lower Upper
 202 100
 200 22.0 17.2 25.8
 203 17.7 14.3 21.5



#78
 Terphenyl-d14
 Concen: 67.51 ng
 RT: 12.90 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF084093.D
 Acq: 24 Dec 2015 21:55

Tgt Ion: 244 Resp: 509370
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.7 8.5
 122 14.1 7.4 11.0#





#79

Butylbenzylphthalate

Concen: 41.68 ng

RT: 13.38 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF084093.D

Acq: 24 Dec 2015 21:55

Instrument :

BNA_F

ClientSampleId :

PB87153BS

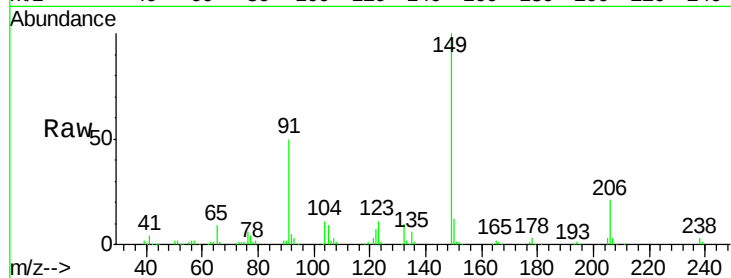
Tgt Ion:149 Resp: 203206

Ion Ratio Lower Upper

149 100

91 50.2 57.6 86.4#

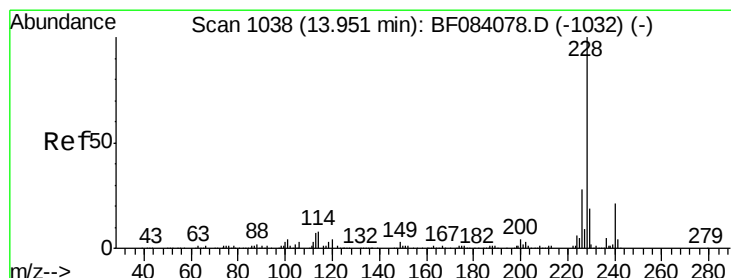
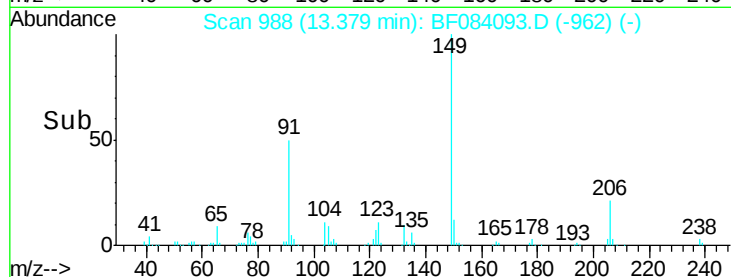
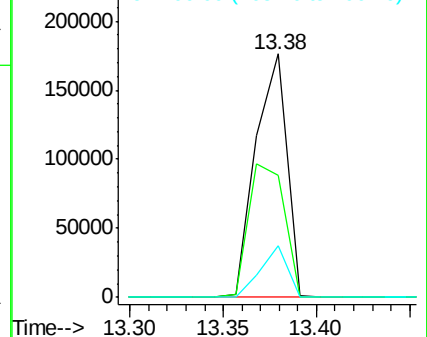
206 21.3 13.2 19.8#



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: 40.29 ng

RT: 13.95 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF084093.D

Acq: 24 Dec 2015 21:55

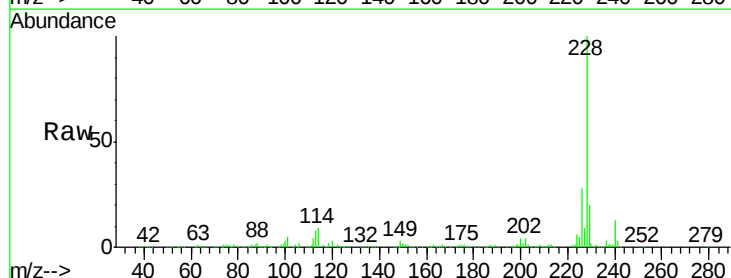
Tgt Ion:228 Resp: 338341

Ion Ratio Lower Upper

228 100

226 27.9 21.8 32.6

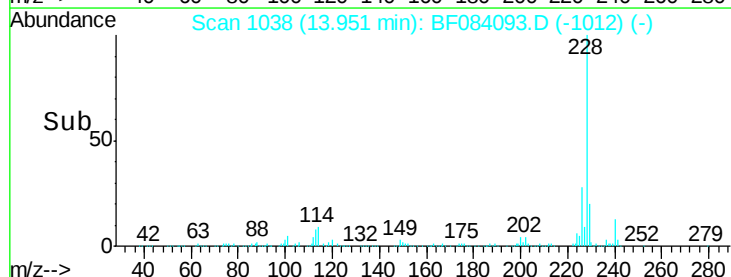
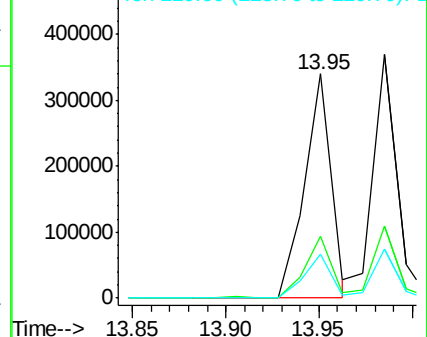
229 19.8 15.8 23.8

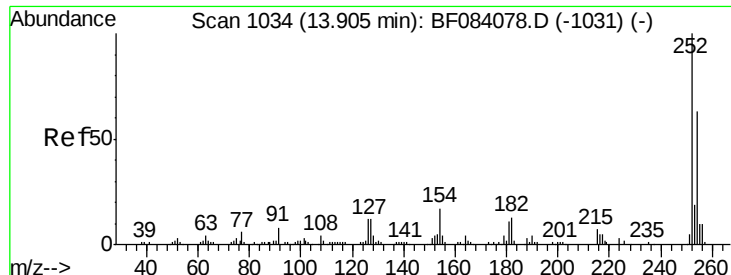


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

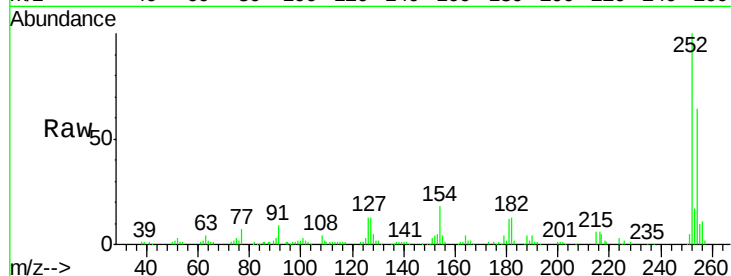




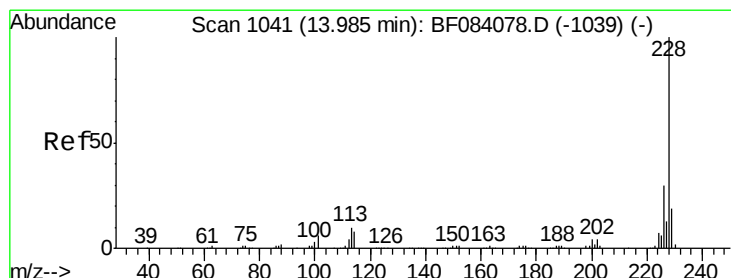
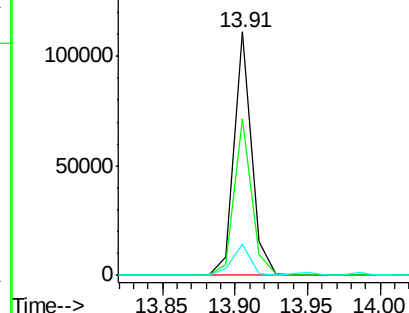
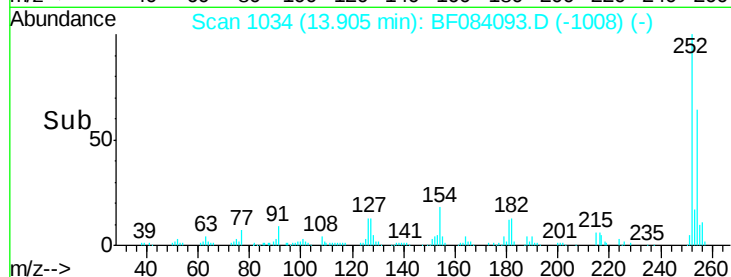
#81
 3,3'-Dichlorobenzidine
 Concen: 36.80 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF084093.D
 Acq: 24 Dec 2015 21:55

Instrument :
 BNA_F
 ClientSampleId :
 PB87153BS

Tgt Ion:252 Resp: 93592
 Ion Ratio Lower Upper
 252 100
 254 64.2 53.5 80.3
 126 12.9 4.9 7.3#

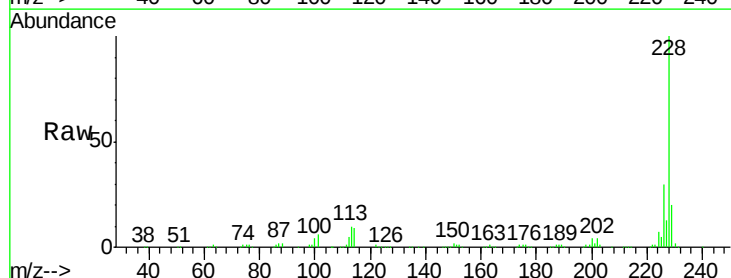


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

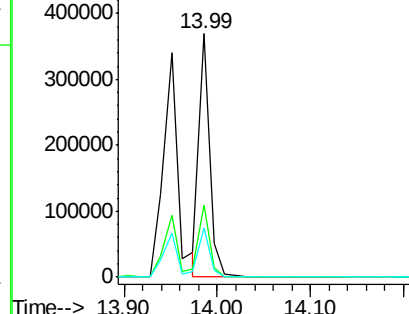
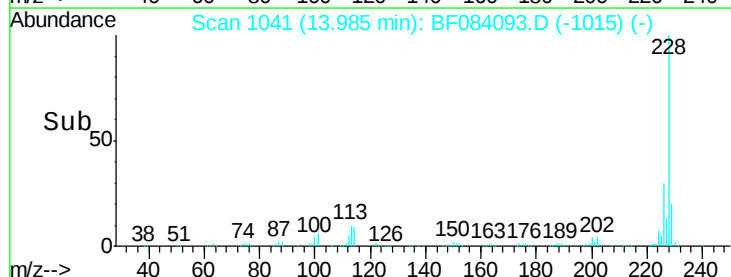


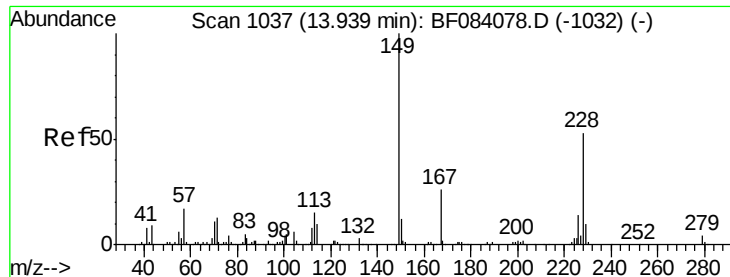
#82
 Chrysene
 Concen: 38.27 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF084093.D
 Acq: 24 Dec 2015 21:55

Tgt Ion:228 Resp: 296366
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.3 36.5
 229 19.9 16.1 24.1



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

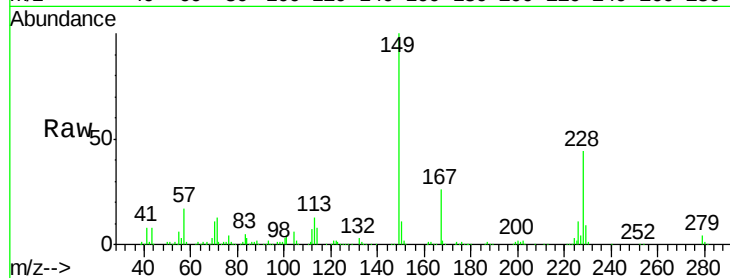




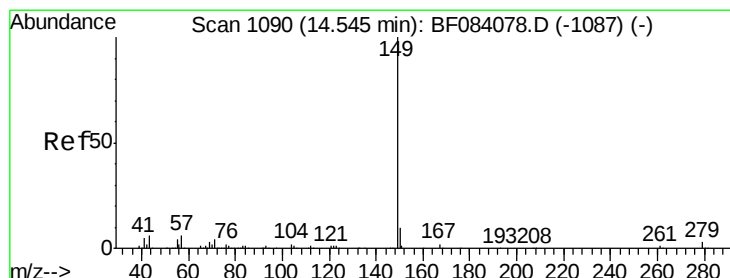
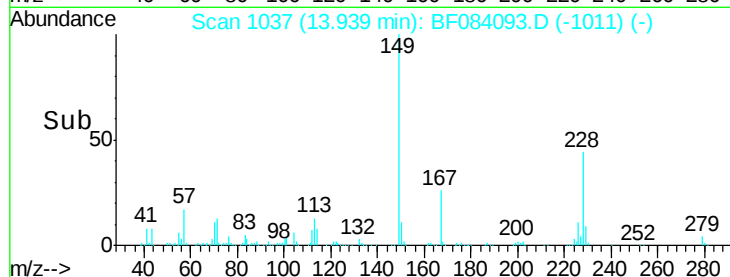
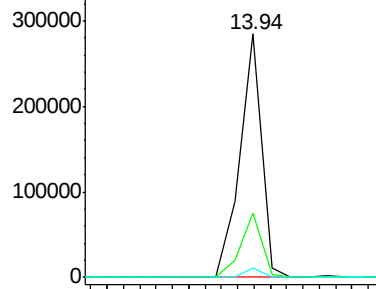
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.13 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF084093.D
 Acq: 24 Dec 2015 21:55

Instrument :
 BNA_F
 ClientSampleId :
 PB87153BS

Tgt Ion:149 Resp: 265428
 Ion Ratio Lower Upper
 149 100
 167 26.4 19.7 29.5
 279 3.7 1.8 2.6#

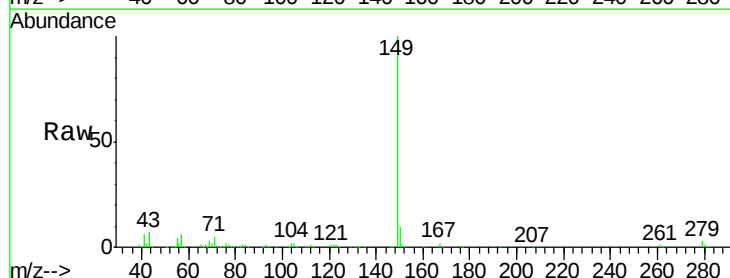


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

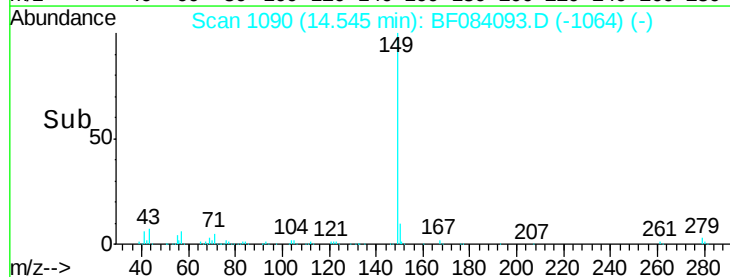
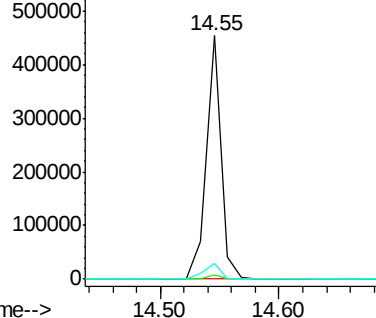


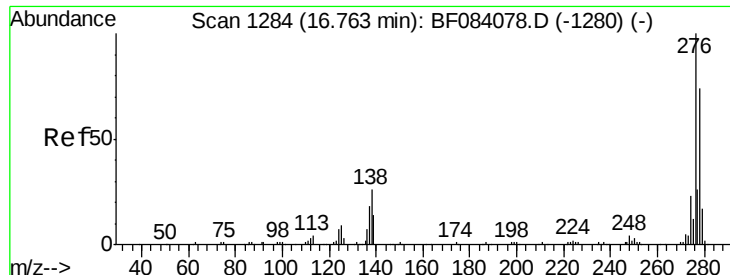
#84
 Di-n-octyl phthalate
 Concen: 44.22 ng
 RT: 14.55 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BF084093.D
 Acq: 24 Dec 2015 21:55

Tgt Ion:149 Resp: 391985
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 7.2 5.6 8.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.56 ng

RT: 16.77 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF084093.D

Acq: 24 Dec 2015 21:55

Instrument :

BNA_F

ClientSampleId :

PB87153BS

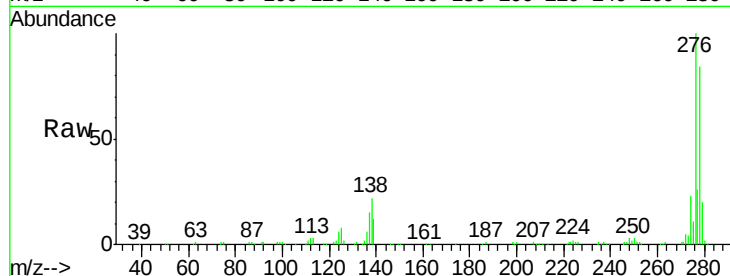
Tgt Ion: 276 Resp: 291246

Ion Ratio Lower Upper

276 100

138 25.3 20.6 30.8

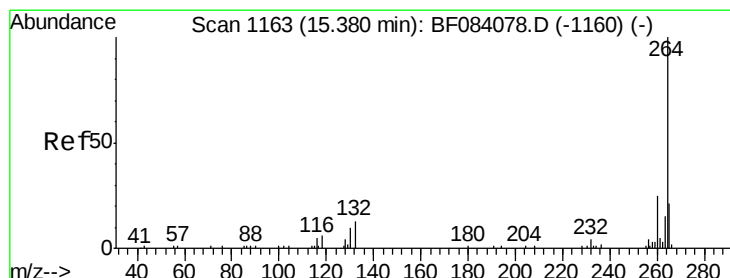
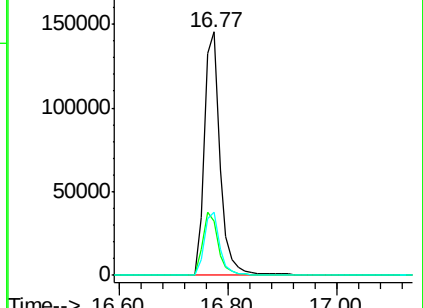
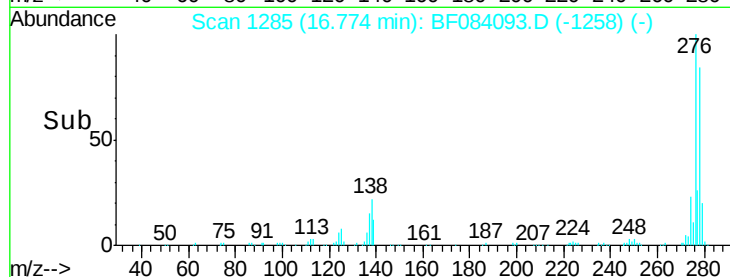
277 25.5 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.38 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF084093.D

Acq: 24 Dec 2015 21:55

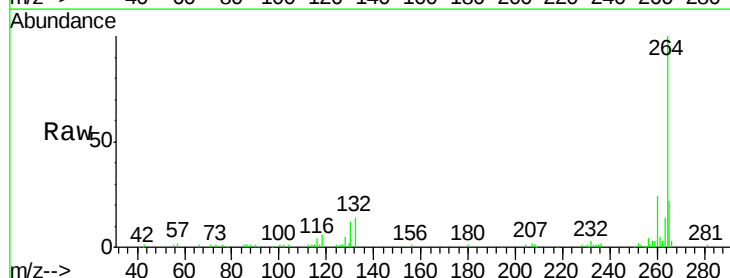
Tgt Ion: 264 Resp: 99044

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

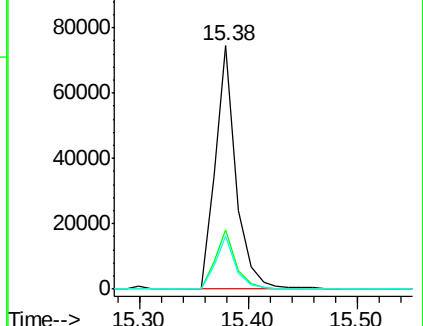
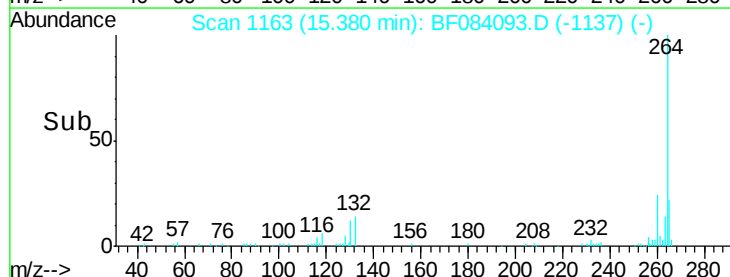
265 22.0 17.8 26.6

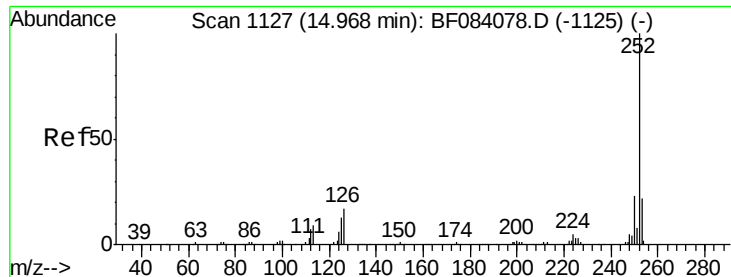


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 74.76 ng

RT: 15.00 min Scan# 1130

Delta R.T. 0.03 min

Lab File: BF084093.D

Acq: 24 Dec 2015 21:55

Instrument :

BNA_F

ClientSampleId :

PB87153BS

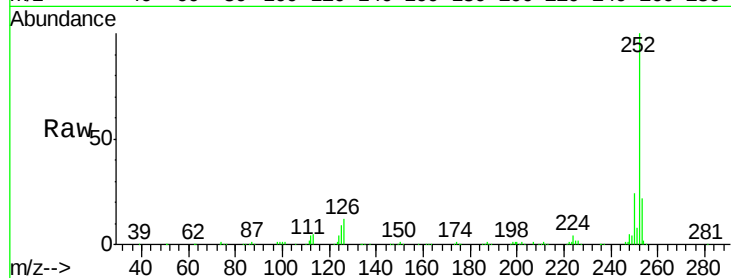
Tgt Ion:252 Resp: 549848

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

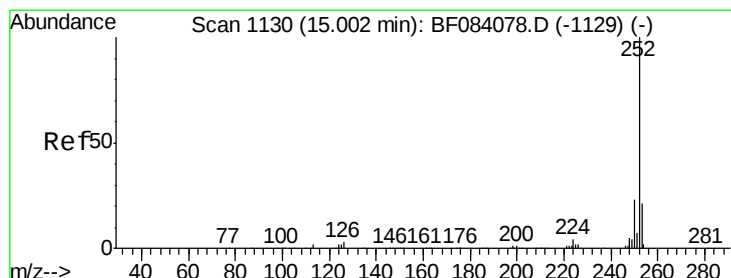
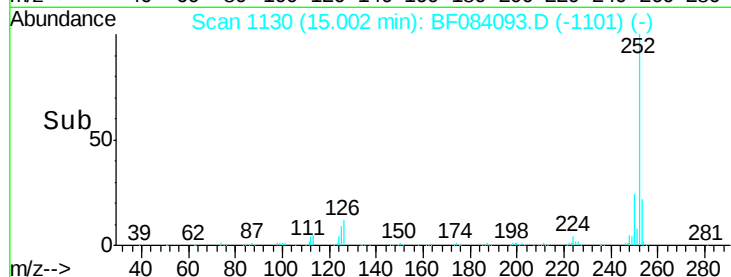
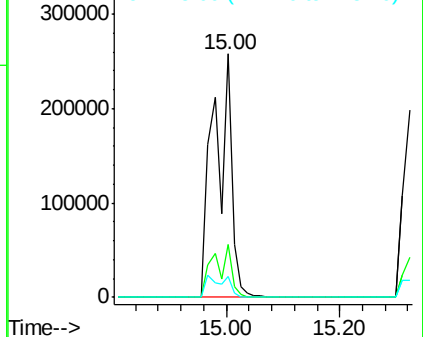
125 8.8 6.5 9.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 110.31 ng

RT: 15.00 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BF084093.D

Acq: 24 Dec 2015 21:55

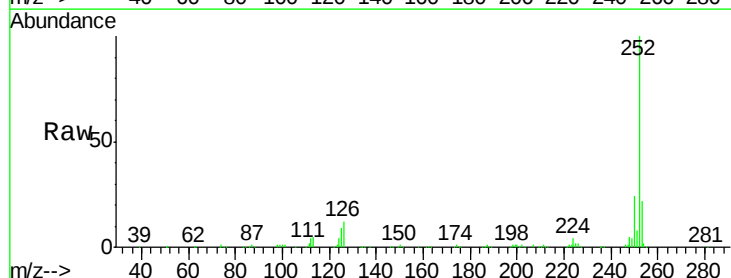
Tgt Ion:252 Resp: 549848

Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

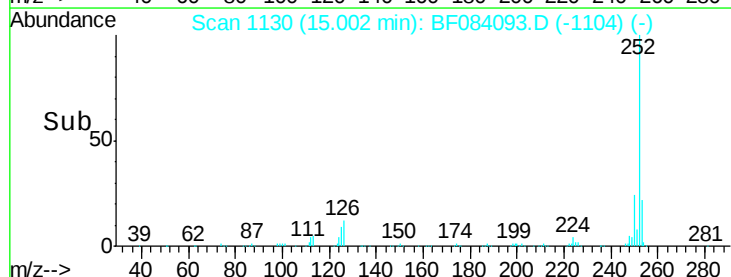
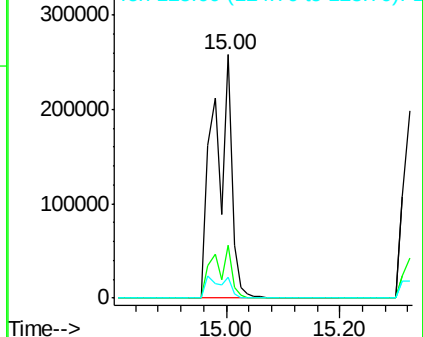
125 8.8 9.0 13.6#

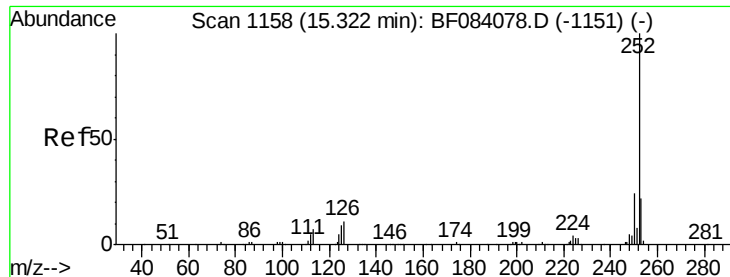


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.60 ng

RT: 15.32 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF084093.D

Acq: 24 Dec 2015 21:55

Instrument :

BNA_F

ClientSampleId :

PB87153BS

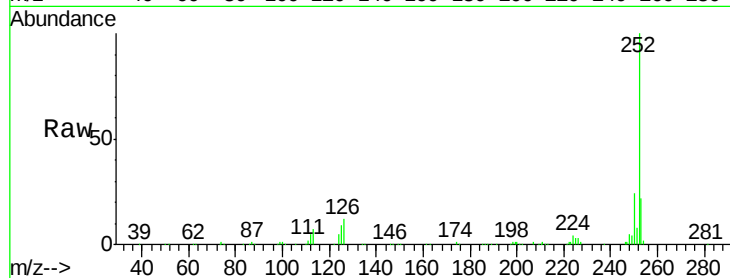
Tgt Ion:252 Resp: 258148

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

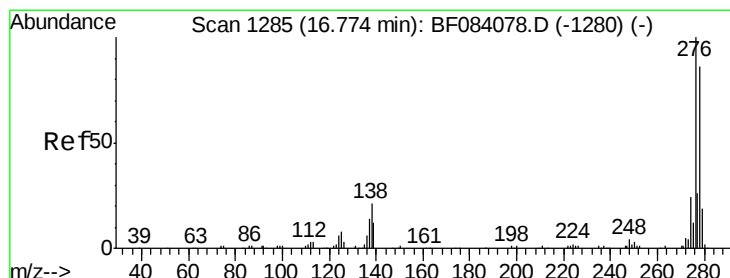
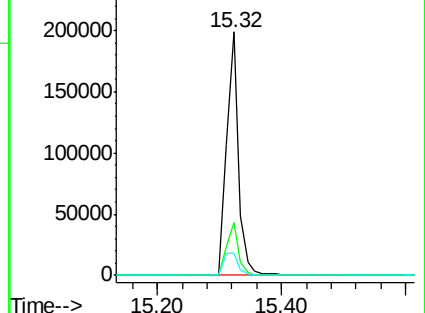
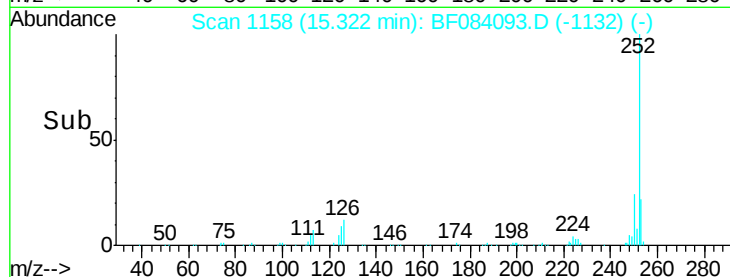
125 9.1 7.0 10.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.72 ng

RT: 16.77 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF084093.D

Acq: 24 Dec 2015 21:55

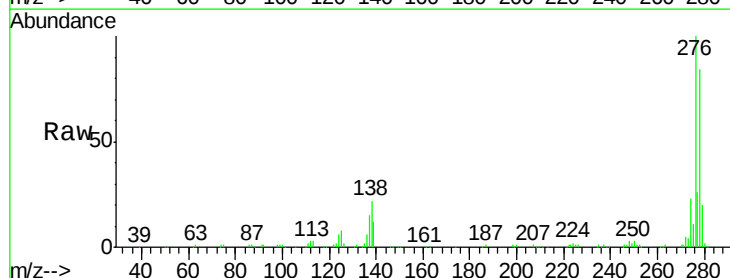
Tgt Ion:278 Resp: 246736

Ion Ratio Lower Upper

278 100

139 14.0 15.0 22.4#

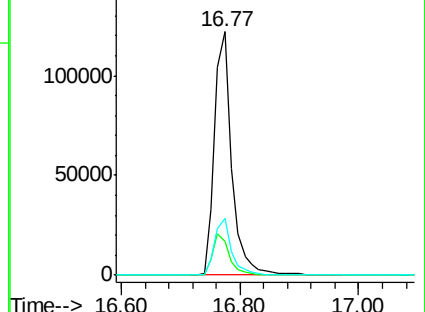
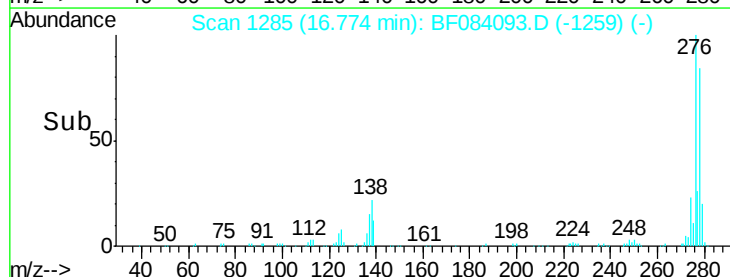
279 23.5 18.9 28.3

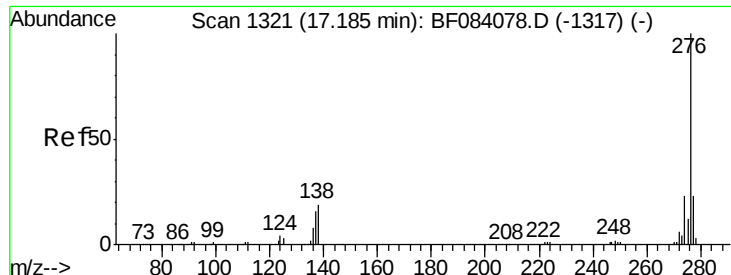


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 41.98 ng

RT: 17.19 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF084093.D

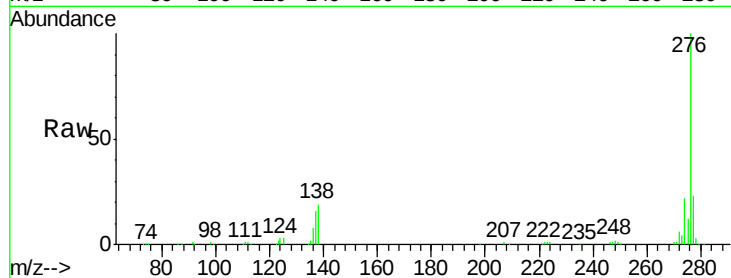
Acq: 24 Dec 2015 21:55

Instrument :

BNA_F

ClientSampleId :

PB87153BS



Tgt Ion: 276 Resp: 253398

Ion Ratio Lower Upper

276 100

277 23.1 18.8 28.2

138 18.9 17.8 26.6

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

