

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
 Data File : BF084023.D
 Acq On : 23 Dec 2015 7:32
 Operator : UM/SJ
 Sample : G4920-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 23 10:08:49 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

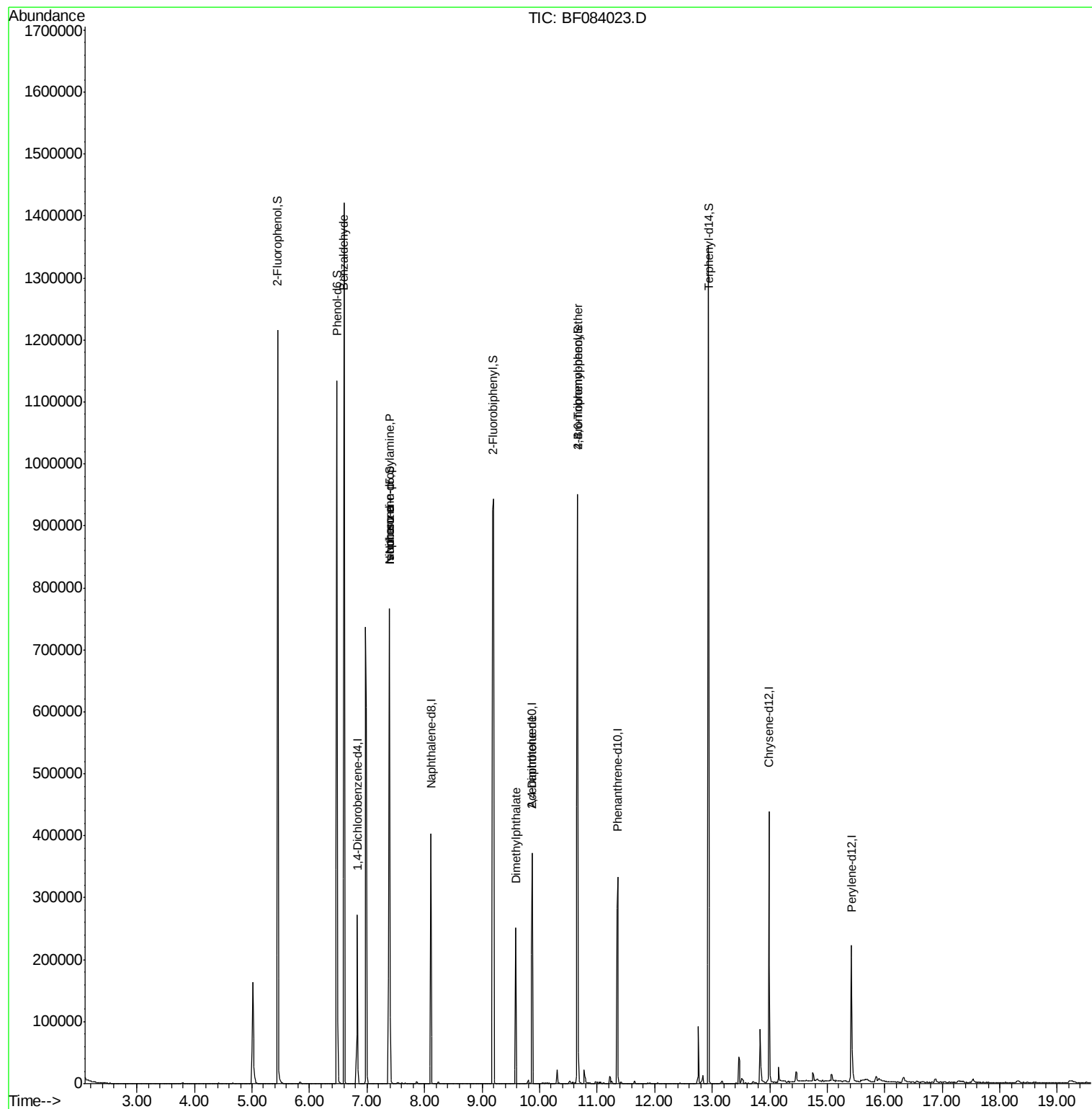
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	44697	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	181708	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	90053	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	174311	20.00	ng	0.00
75) Chrysene-d12	13.99	240	166149	20.00	ng	-0.01
86) Perylene-d12	15.43	264	127508	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	328377	125.26	ng	0.01
7) Phenol-d6	6.48	99	400175	129.83	ng	0.00
23) Nitrobenzene-d5	7.39	82	252785	85.46	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	129986	150.07	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	478610	71.53	ng	0.00
78) Terphenyl-d14	12.93	244	405364	58.18	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.60	77	9210	4.47	ng	86
19) n-Nitroso-di-n-propylamine	7.39	70	34023	18.22	ng	# 78
25) Isophorone	7.39	82	211201	37.68	ng	# 66
49) Dimethylphthalate	9.58	163	98472	13.97	ng	# 90
56) 2,4-Dinitrotoluene	9.87	165	11482	6.14	ng	# 20
66) 4-Bromophenyl-phenylether	10.66	248	9491	4.75	ng	# 1

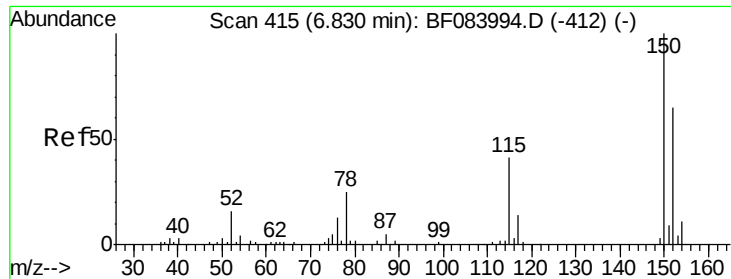
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF084023.D

Acq: 23 Dec 2015 7:32

Instrument :

BNA_F

ClientSampled :

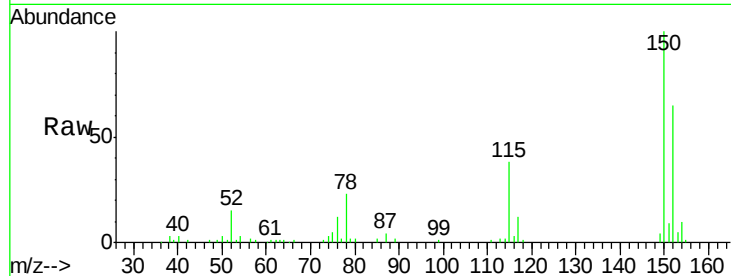
Tot Ion:152 Resp: 44697

Ion Ratio Lower Upper

152 100

150 154.9 123.0 184.4

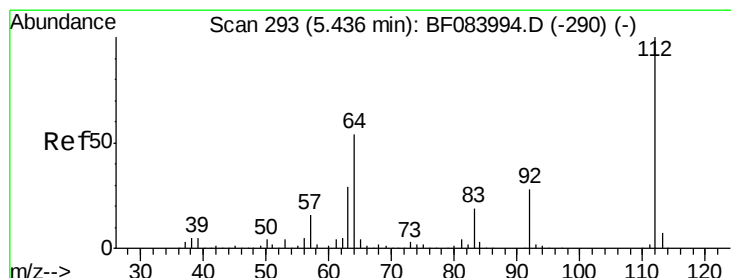
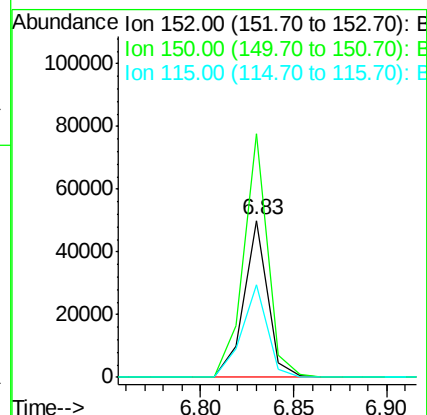
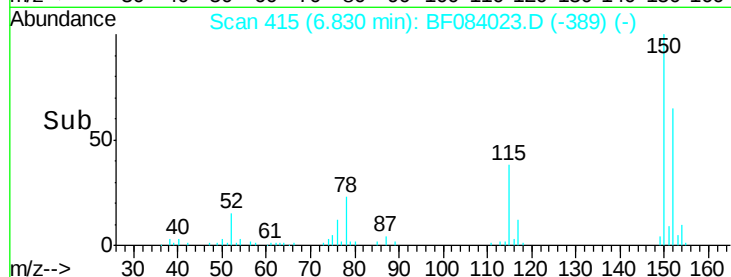
115 59.1 51.4 77.2



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



#5

2-Fluorophenol

Concen: 125.26 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF084023.D

Acq: 23 Dec 2015 7:32

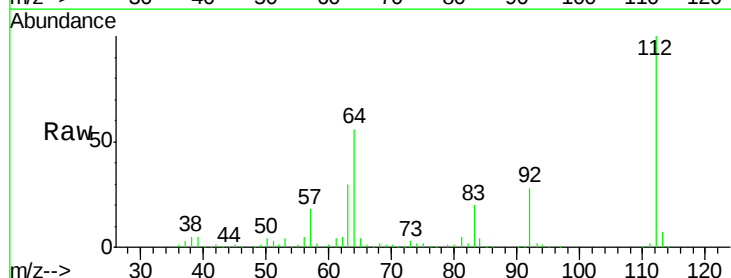
Tgt Ion:112 Resp: 328377

Ion Ratio Lower Upper

112 100

64 55.5 36.6 55.0#

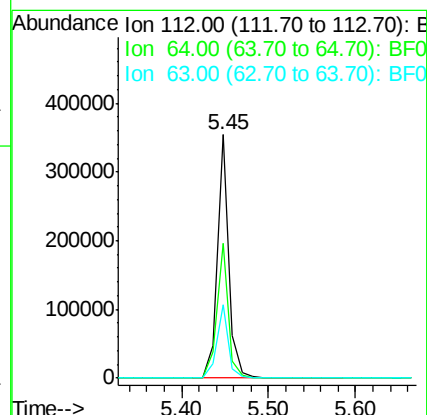
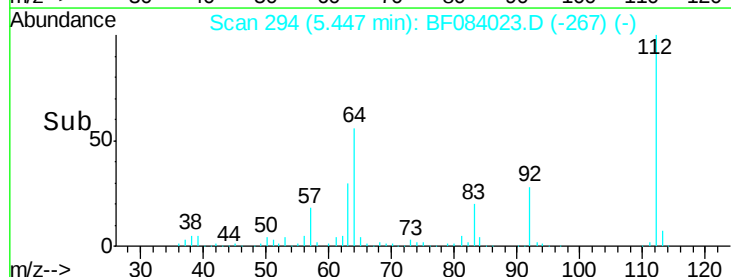
63 30.0 19.4 29.0#

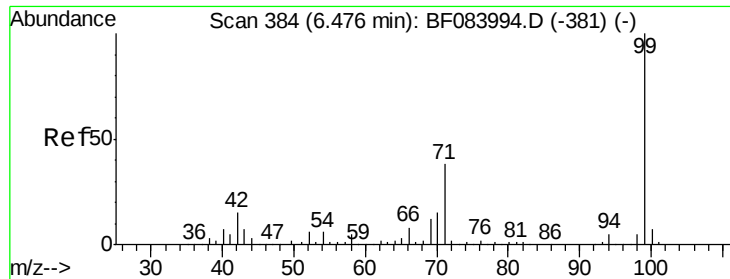


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 129.83 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084023.D

Acq: 23 Dec 2015 7:32

Instrument :

BNA_F

ClientSampled :

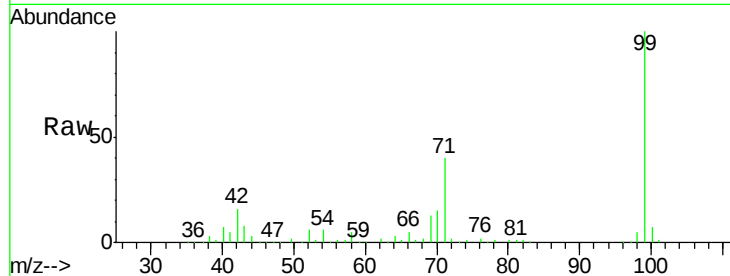
Tot Ion: 99 Resp: 400175

Ion Ratio Lower Upper

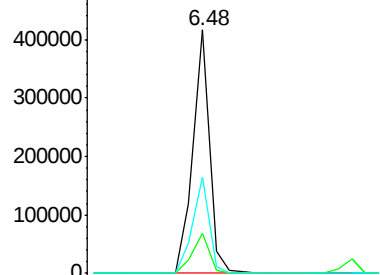
99 100

42 16.5 12.8 19.2

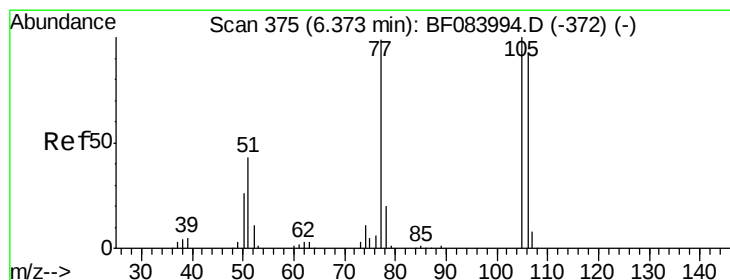
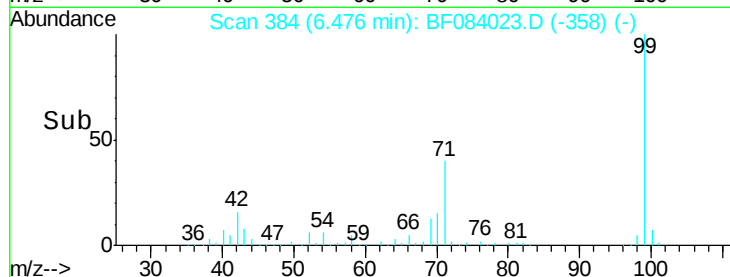
71 39.6 30.9 46.3



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



Time-->



#9

Benzaldehyde

Concen: 4.47 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.23 min

Lab File: BF084023.D

Acq: 23 Dec 2015 7:32

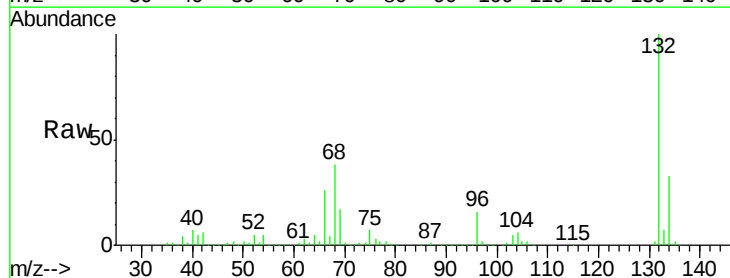
Tgt Ion: 77 Resp: 9210

Ion Ratio Lower Upper

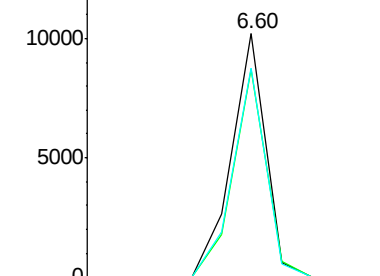
77 100

105 85.1 83.0 123.0

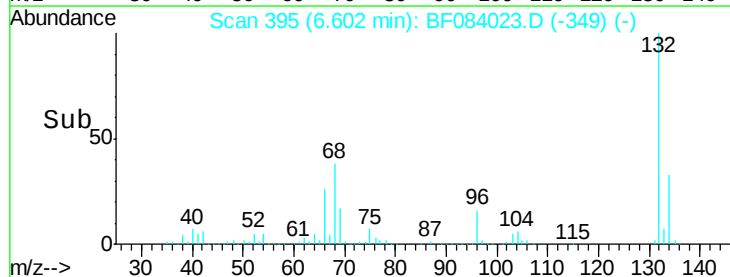
106 85.8 74.6 114.6

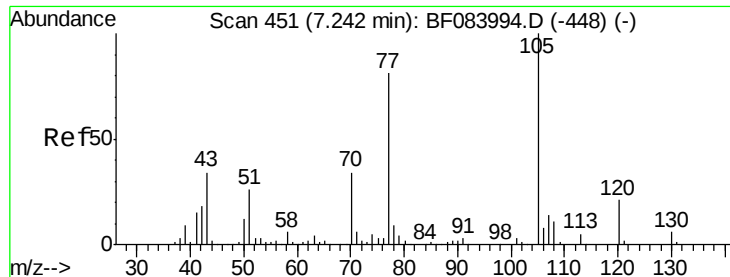


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



Time-->





#19

n-Nitroso-di-n-propylamine

Concen: 18.22 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.15 min

Lab File: BF084023.D

Acq: 23 Dec 2015 7:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 34023

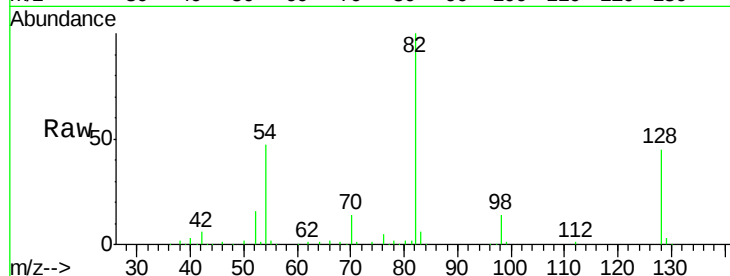
Ion Ratio Lower Upper

70 100

42 41.9 33.3 49.9

101 0.0 9.3 13.9#

130 2.1 23.4 35.0#

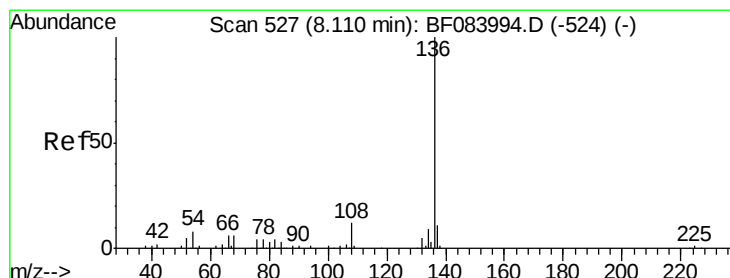
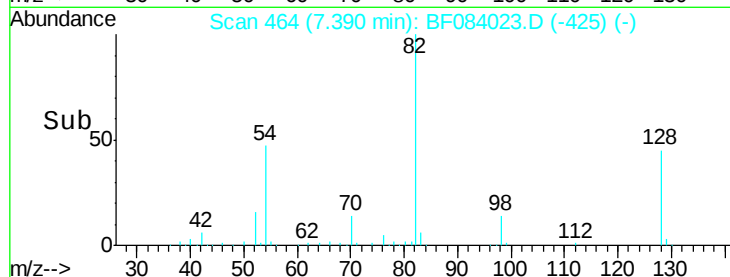
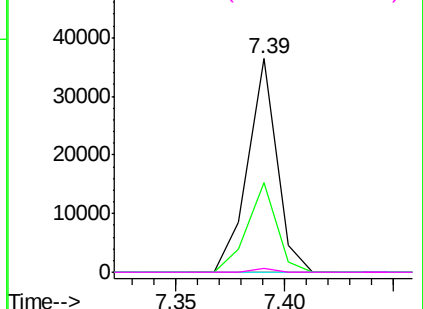


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084023.D

Acq: 23 Dec 2015 7:32

Tgt Ion:136 Resp: 181708

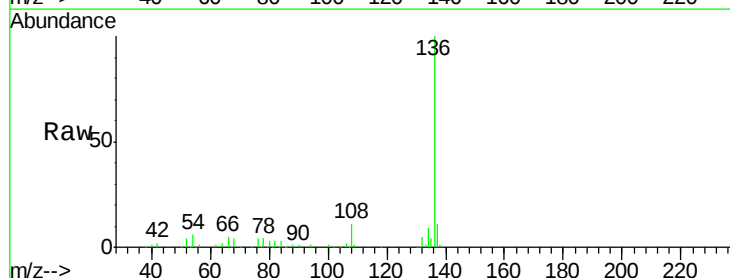
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.0 5.8 8.8

68 4.2 4.2 6.2

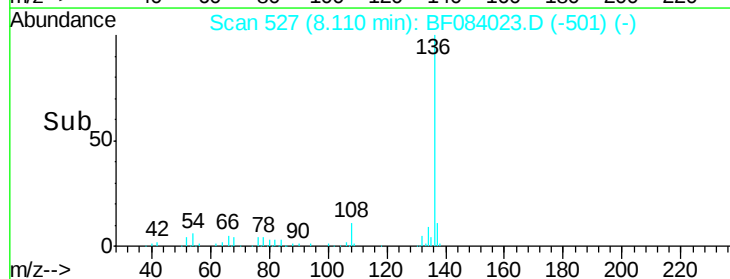
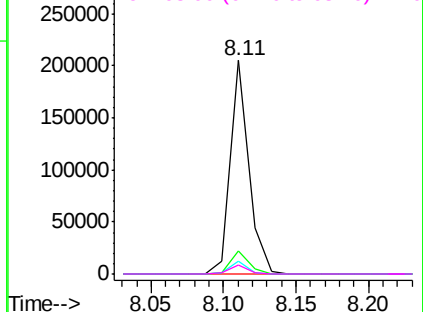


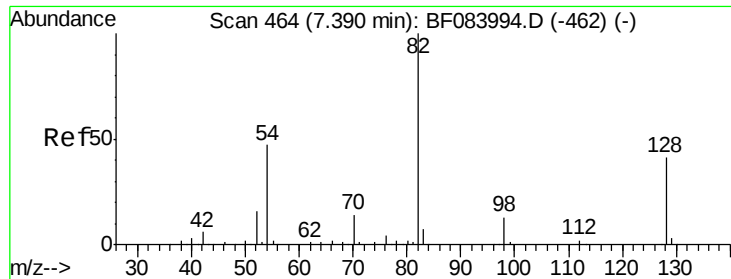
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

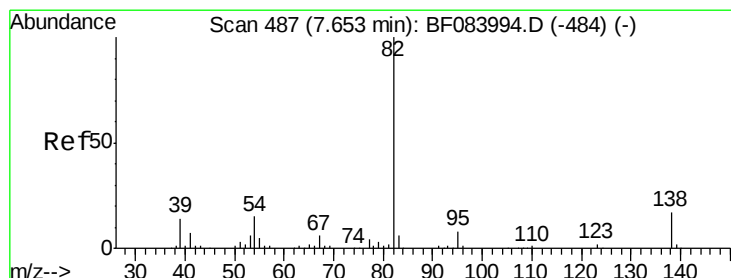
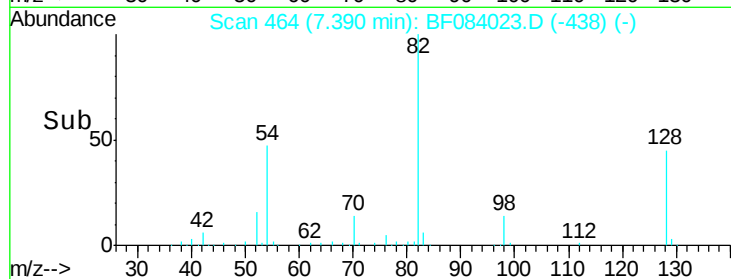
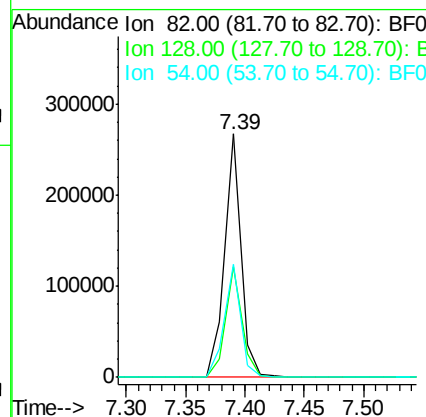
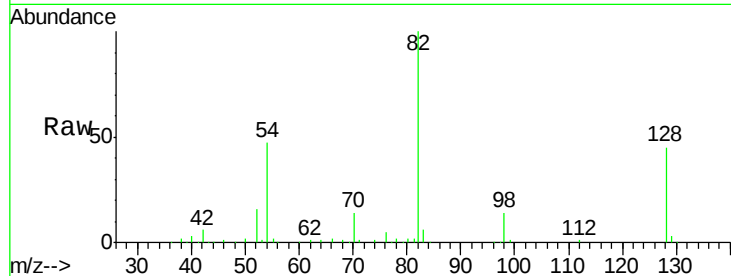




#23
 Nitrobenzene-d5
 Concen: 85.46 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF084023.D
 Acq: 23 Dec 2015 7:32

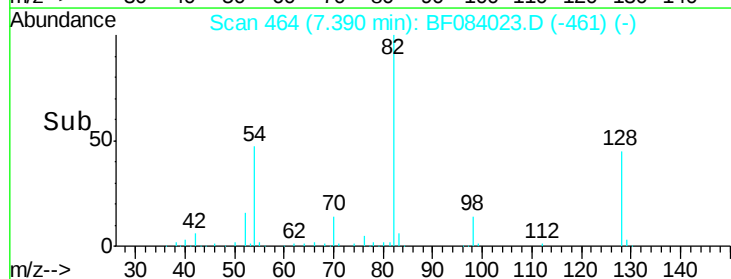
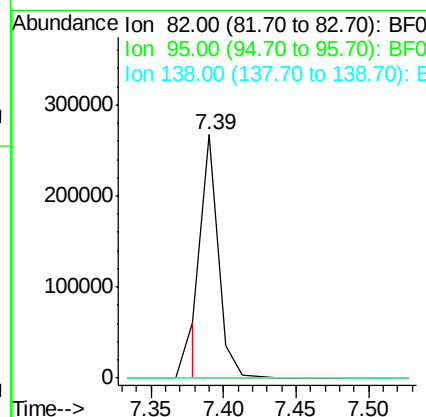
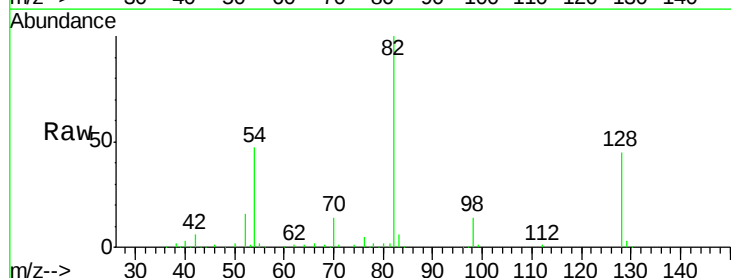
Instrument :
 BNA_F
 ClientSampleId :

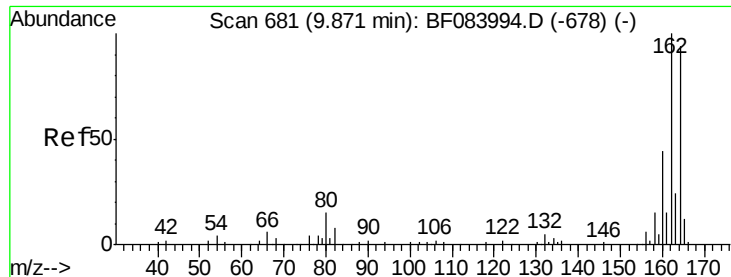
Tot Ion	82	Resp	252785
Ion Ratio	Lower	Upper	
82	100		
128	45.4	34.6	51.8
54	46.6	38.4	57.6



#25
 Isophorone
 Concen: 37.68 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.26 min
 Lab File: BF084023.D
 Acq: 23 Dec 2015 7:32

Tgt Ion	82	Resp	211201
Ion Ratio	Lower	Upper	
82	100		
95	0.0	6.6	10.0#
138	0.0	13.6	20.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF084023.D

Acq: 23 Dec 2015 7:32

Instrument :

BNA_F

ClientSampleId :

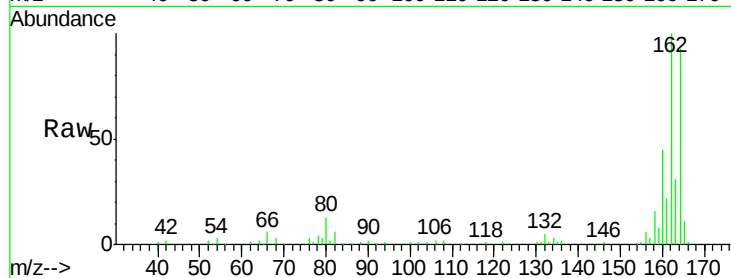
Tot Ion:164 Resp: 90053

Ion Ratio Lower Upper

164 100

162 107.9 85.1 127.7

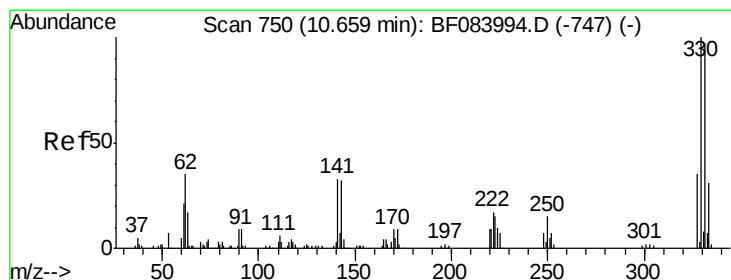
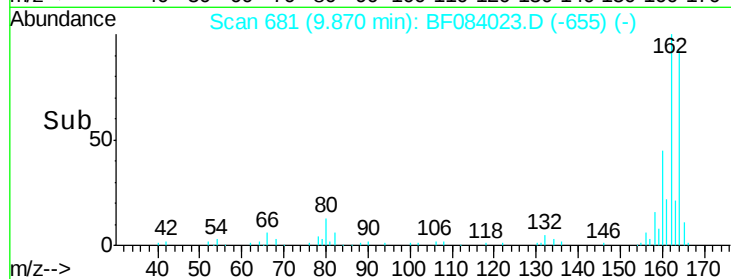
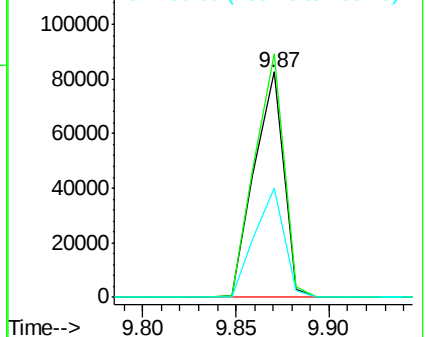
160 48.3 37.5 56.3



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



#41

2,4,6-Tribromophenol

Concen: 150.07 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF084023.D

Acq: 23 Dec 2015 7:32

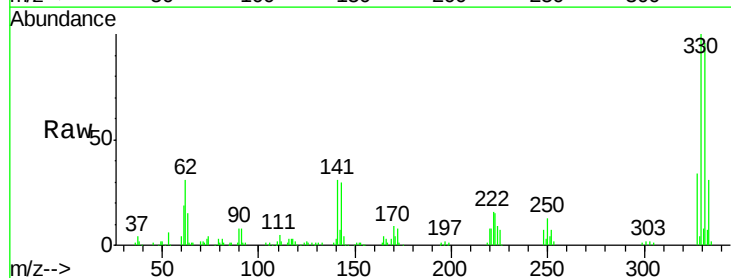
Tgt Ion:330 Resp: 129986

Ion Ratio Lower Upper

330 100

332 96.2 76.6 114.8

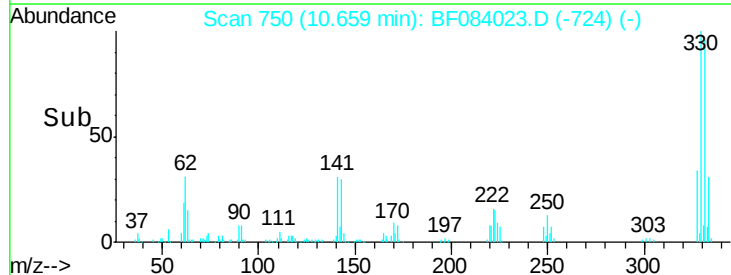
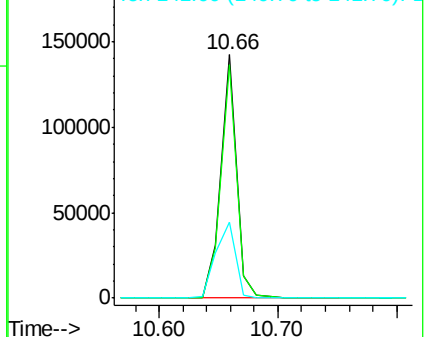
141 38.9 27.8 41.6

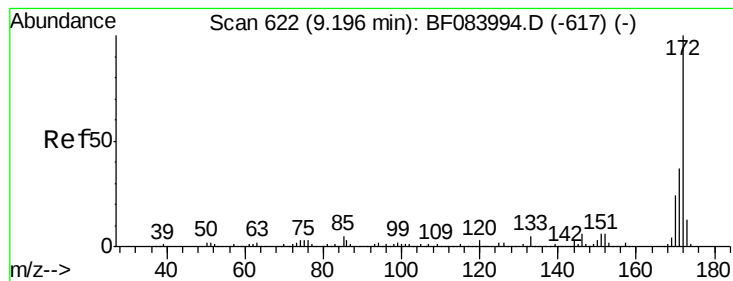


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 71.53 ng

RT: 9.20 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF084023.D

Acq: 23 Dec 2015 7:32

Instrument :

BNA_F

ClientSampleId :

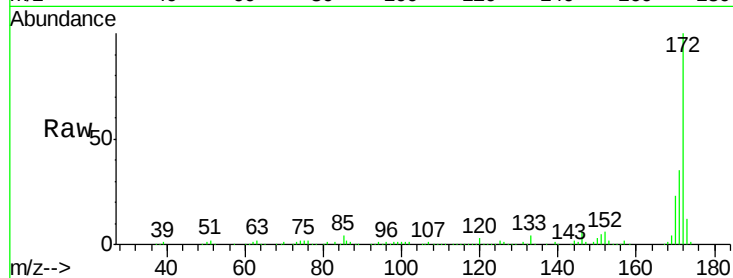
Tot Ion:172 Resp: 478610

Ion Ratio Lower Upper

172 100

171 35.3 28.9 43.3

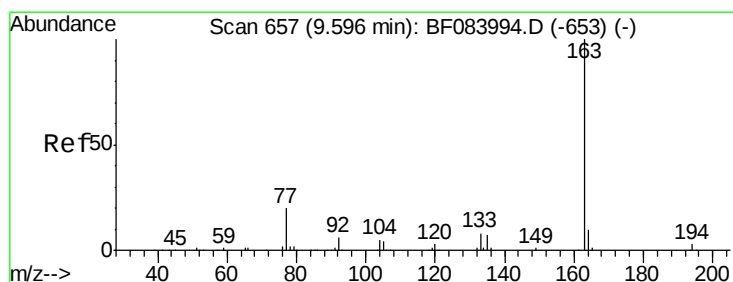
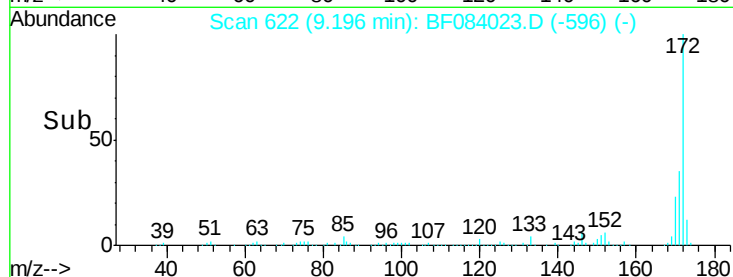
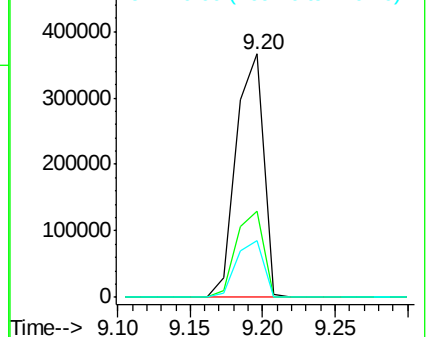
170 23.2 18.6 27.8



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



#49

Dimethylphthalate

Concen: 13.97 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF084023.D

Acq: 23 Dec 2015 7:32

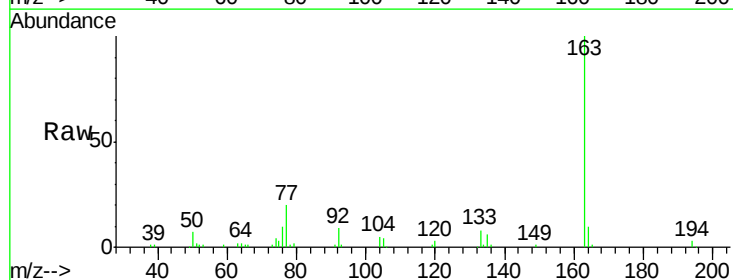
Tgt Ion:163 Resp: 98472

Ion Ratio Lower Upper

163 100

194 2.8 8.0 12.0#

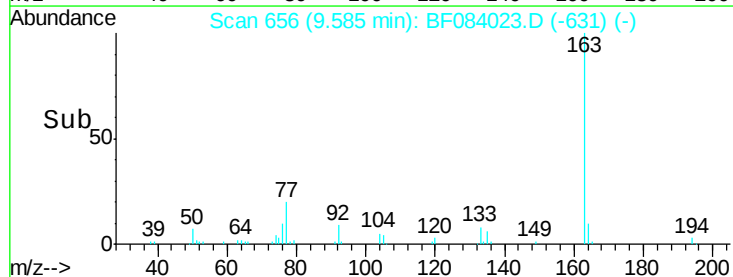
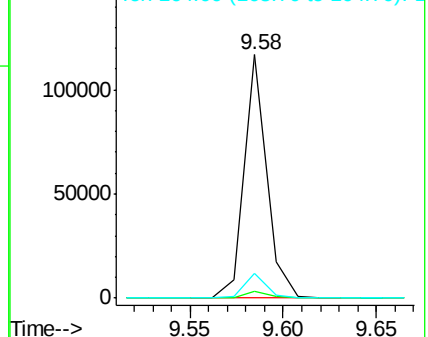
164 10.1 8.0 12.0

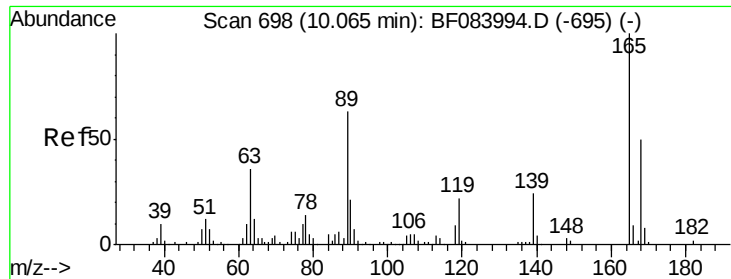


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

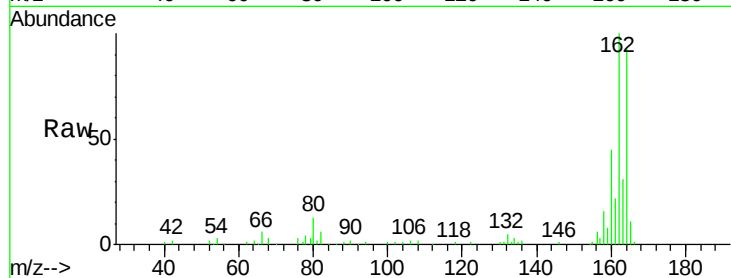




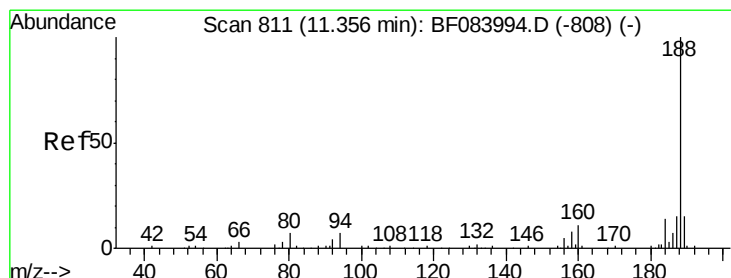
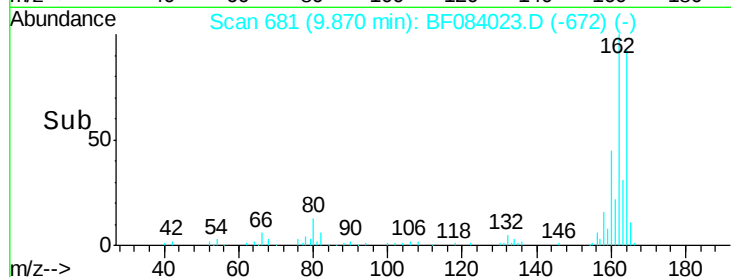
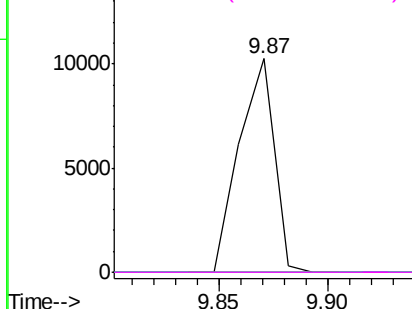
#56
 2,4-Dinitrotoluene
 Concen: 6.14 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.19 min
 Lab File: BF084023.D
 Acq: 23 Dec 2015 7:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 11482
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.7 55.1#
 89 0.0 61.9 92.9#
 182 0.0 2.0 3.0#

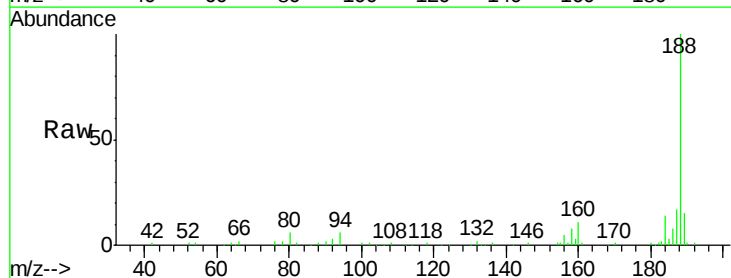


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

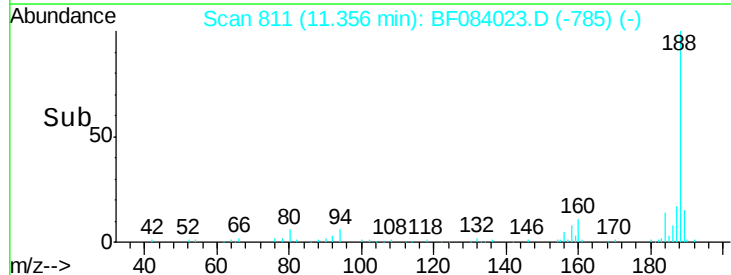
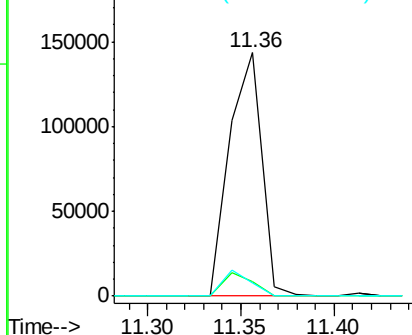


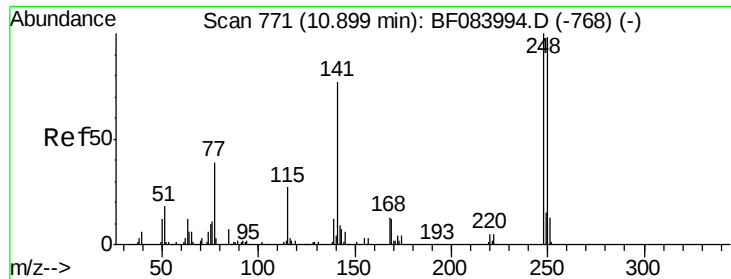
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF084023.D
 Acq: 23 Dec 2015 7:32

Tgt Ion:188 Resp: 174311
 Ion Ratio Lower Upper
 188 100
 94 6.1 9.0 13.4#
 80 5.7 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

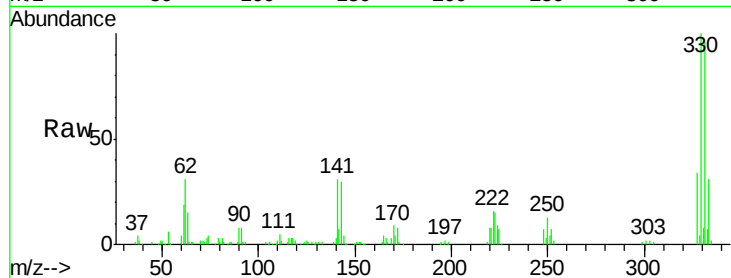




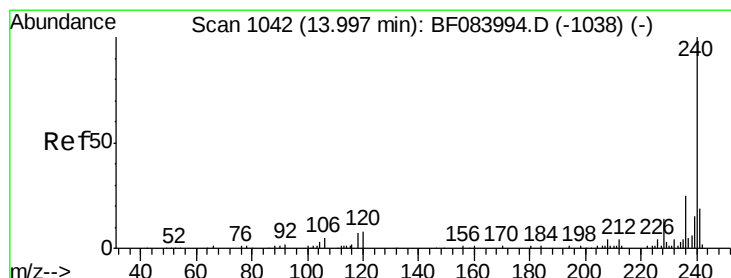
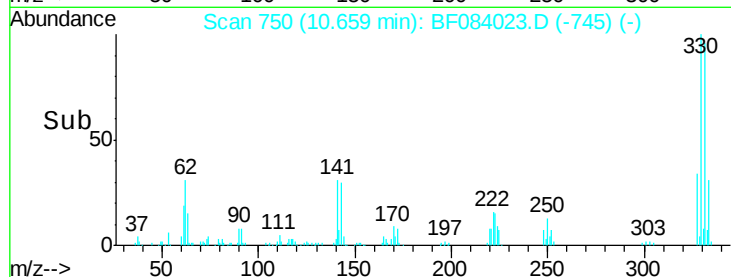
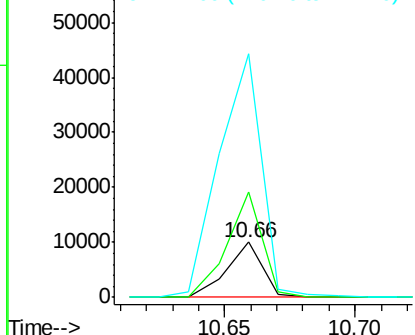
#66
4-Bromophenyl-phenylether
Concen: 4.75 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.24 min
Lab File: BF084023.D
Acq: 23 Dec 2015 7:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 9491
Ion Ratio Lower Upper
248 100
250 192.1 78.4 117.6#
141 443.4 44.0 66.0#

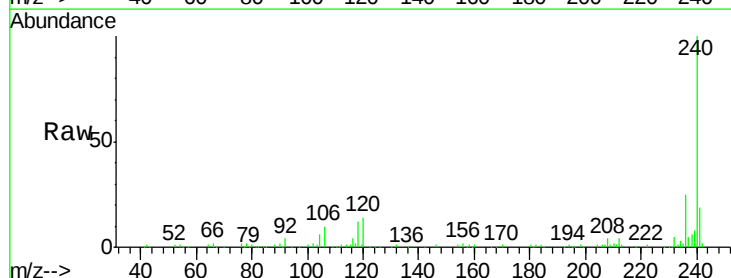


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

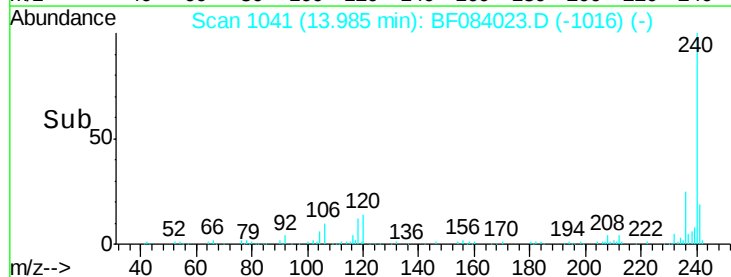
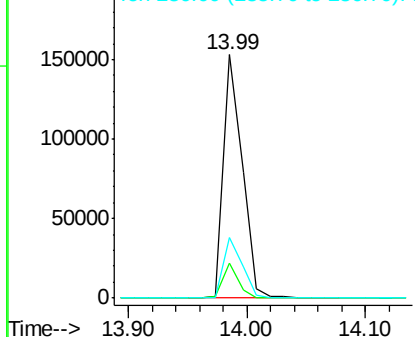


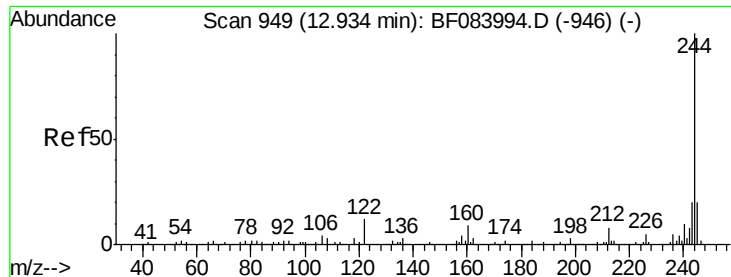
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084023.D
Acq: 23 Dec 2015 7:32

Tgt Ion:240 Resp: 166149
Ion Ratio Lower Upper
240 100
120 14.2 9.5 14.3
236 25.1 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

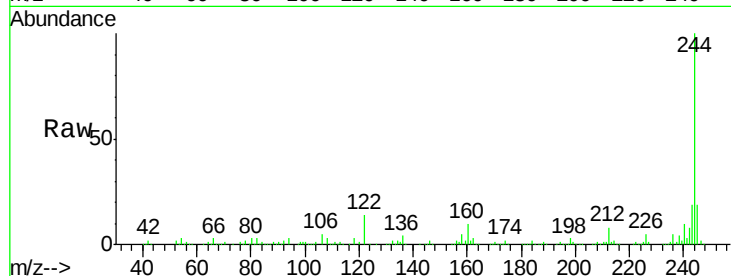




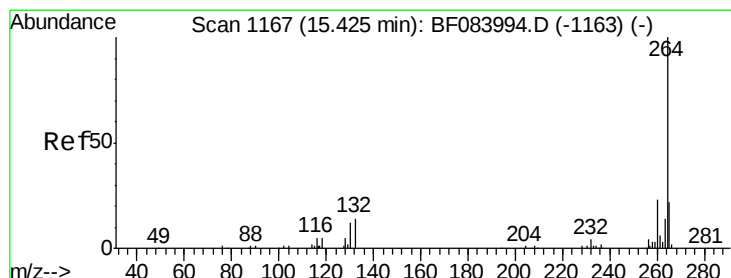
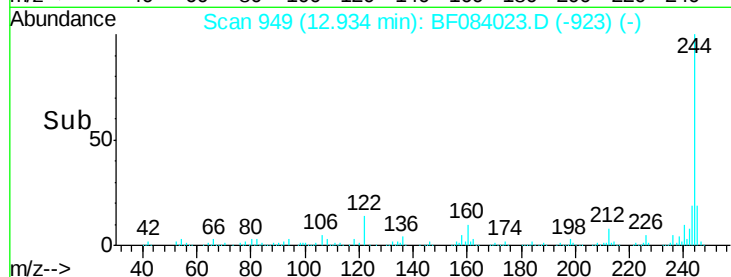
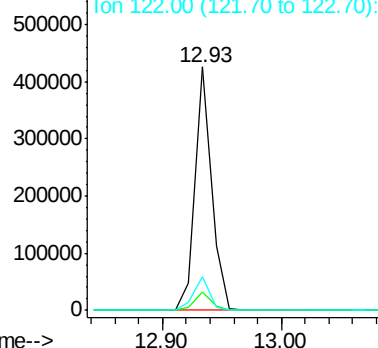
#78
 Terphenyl-d14
 Concen: 58.18 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF084023.D
 Acq: 23 Dec 2015 7:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 405364
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.7 8.5
 122 13.9 7.4 11.0#

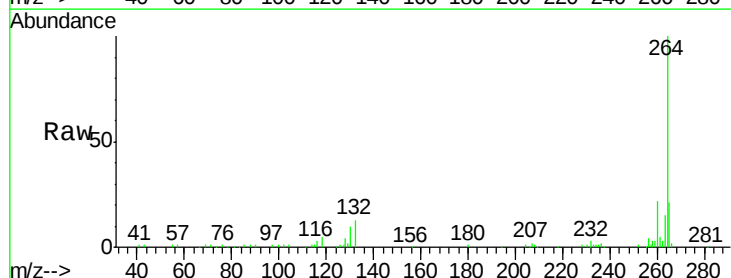


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF084023.D
 Acq: 23 Dec 2015 7:32

Tgt Ion:264 Resp: 127508
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.4 29.2
 265 20.6 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

