

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
 Data File : BF084022.D
 Acq On : 23 Dec 2015 7:04
 Operator : UM/SJ
 Sample : G4920-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 23 10:08:37 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

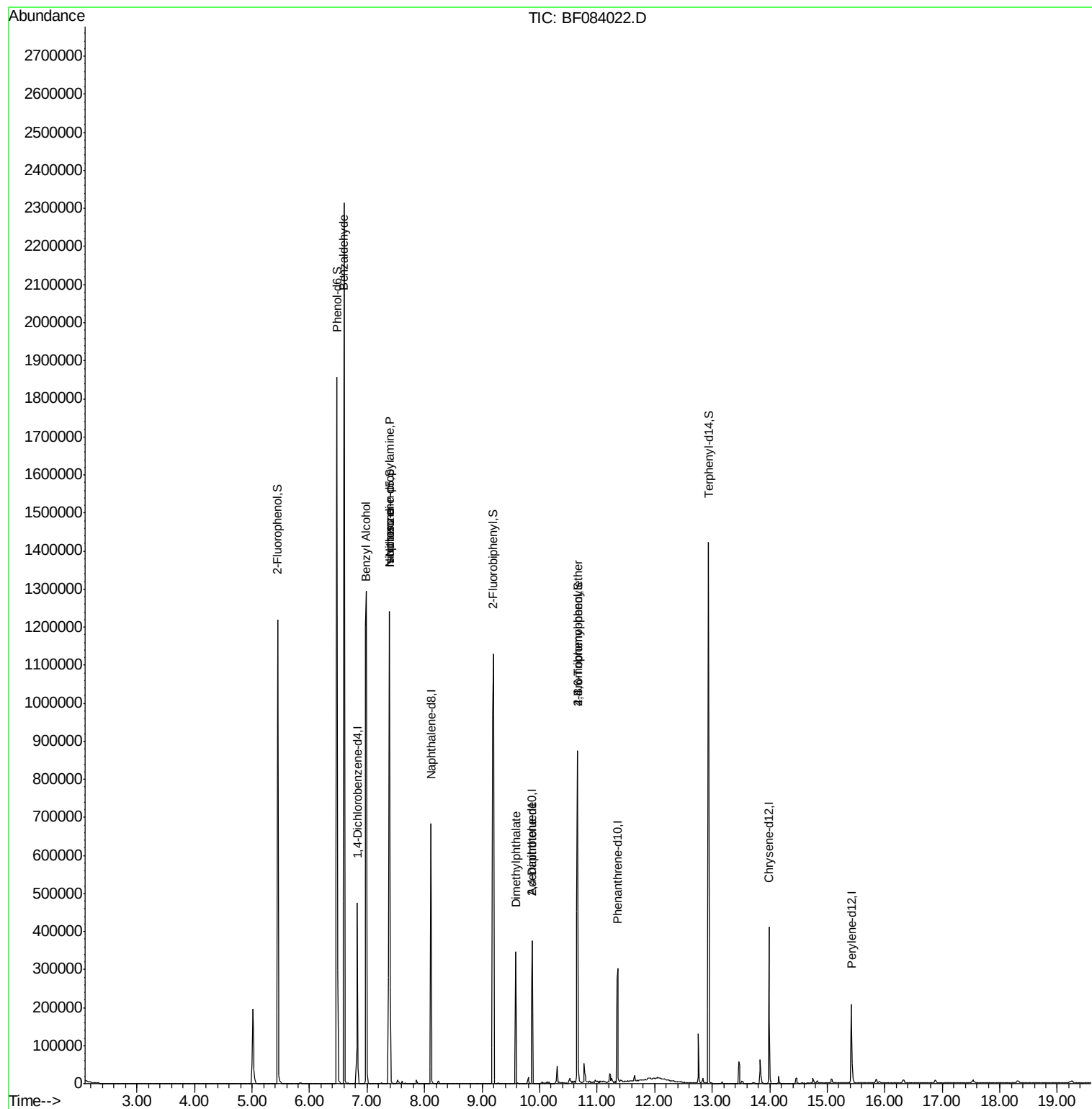
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	76234	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	303241	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	88171	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	159273	20.00	ng	0.00
75) Chrysene-d12	13.99	240	158067	20.00	ng	-0.01
86) Perylene-d12	15.43	264	118585	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	344099	76.96	ng	0.01
7) Phenol-d6	6.48	99	695366	132.27	ng	0.00
23) Nitrobenzene-d5	7.39	82	430293	87.17	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	124713	147.05	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	528074	80.60	ng	0.00
78) Terphenyl-d14	12.93	244	448816	67.71	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.60	77	14719	4.19	ng	85
15) Benzyl Alcohol	6.98	79	8579	2.07	ng	# 43
19) n-Nitroso-di-n-propylamine	7.39	70	58672	18.42	ng	# 76
25) Isophorone	7.39	82	362955	38.80	ng	# 66
49) Dimethylphthalate	9.58	163	136613	19.80	ng	# 90
56) 2,4-Dinitrotoluene	9.87	165	11305	6.18	ng	# 20
66) 4-Bromophenyl-phenylether	10.66	248	8662	4.74	ng	# 1

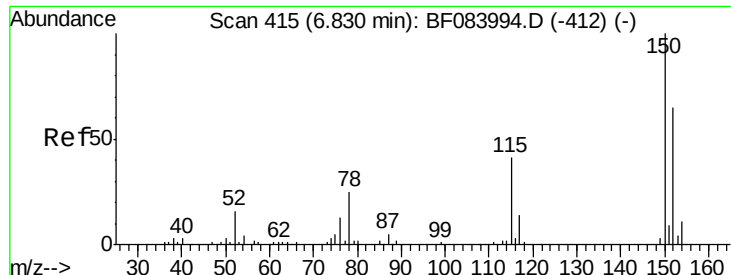
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
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Misc :
ALS Vial : 31 Sample Multiplier: 1

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BNA_F
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Quant Time: Dec 23 10:08:37 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



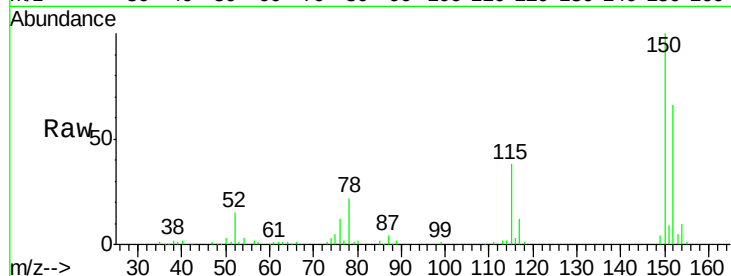


#1

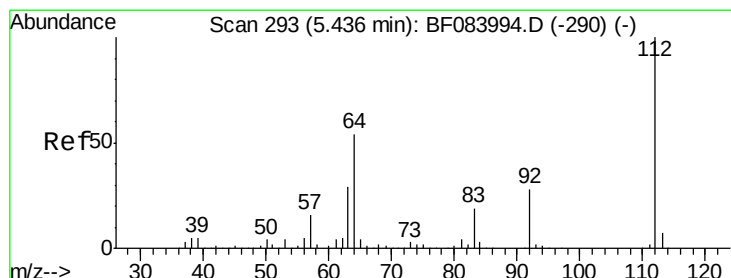
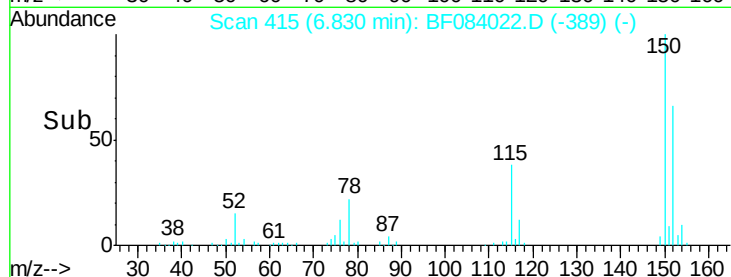
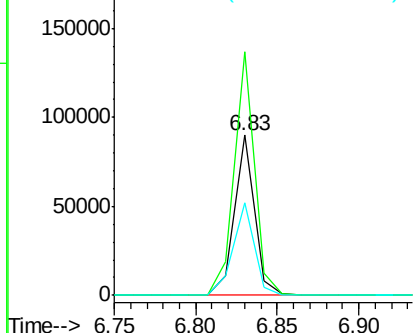
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF084022.D
Acq: 23 Dec 2015 7:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 76234
Ion Ratio Lower Upper
152 100
150 152.2 123.0 184.4
115 58.2 51.4 77.2



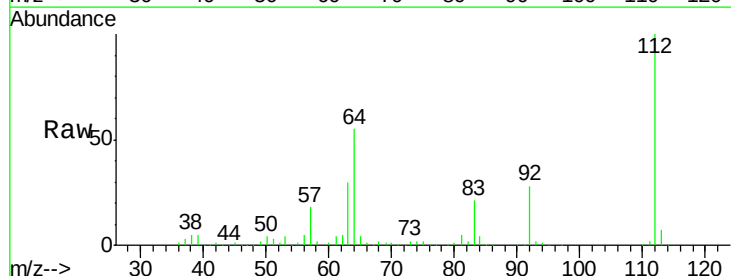
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



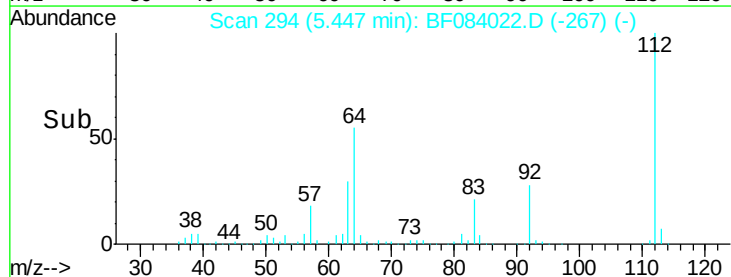
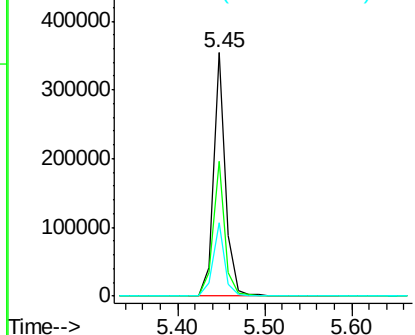
#5

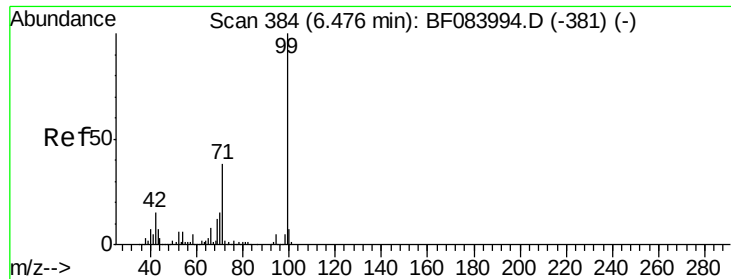
2-Fluorophenol
Concen: 76.96 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.01 min
Lab File: BF084022.D
Acq: 23 Dec 2015 7:04

Tgt Ion:112 Resp: 344099
Ion Ratio Lower Upper
112 100
64 55.4 36.6 55.0#
63 30.3 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: 132.27 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084022.D

Acq: 23 Dec 2015 7:04

Instrument :

BNA_F

ClientSampleId :

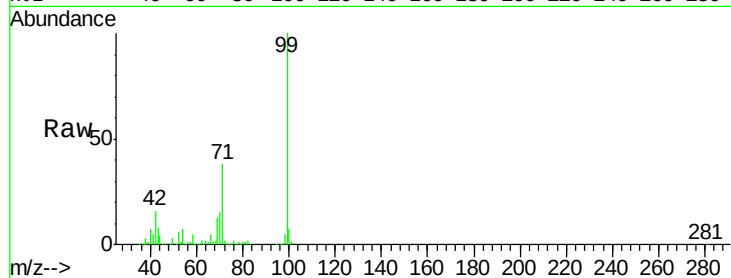
Tot Ion: 99 Resp: 695366

Ion Ratio Lower Upper

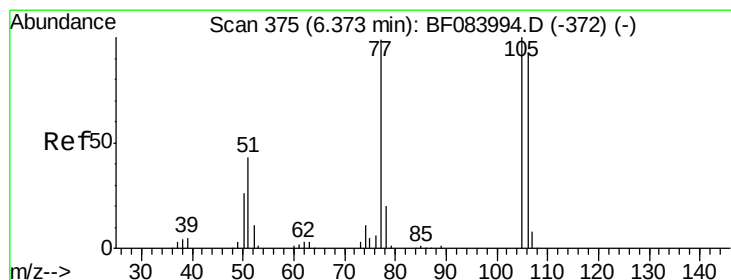
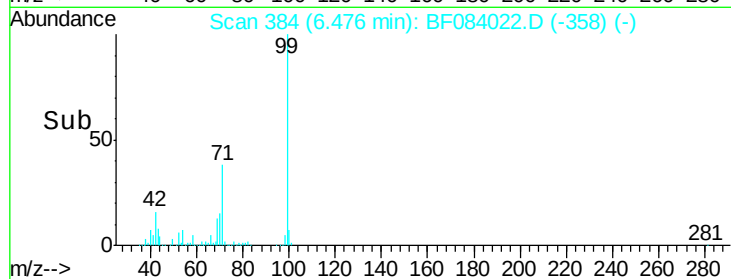
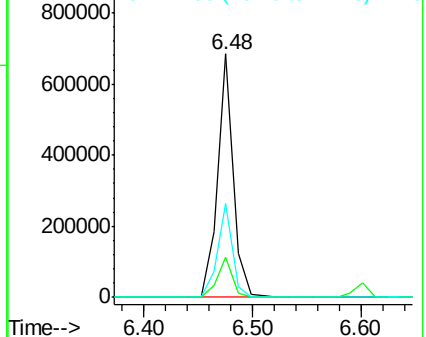
99 100

42 16.3 12.8 19.2

71 38.3 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



#9

Benzaldehyde

Concen: 4.19 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.23 min

Lab File: BF084022.D

Acq: 23 Dec 2015 7:04

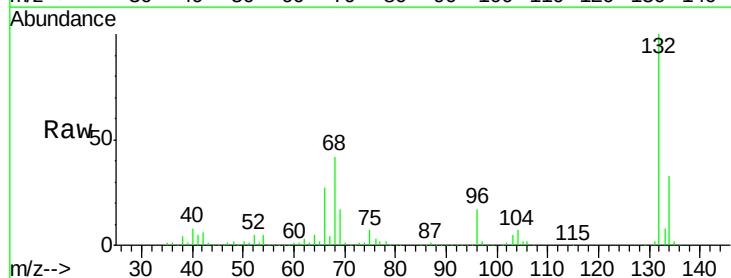
Tgt Ion: 77 Resp: 14719

Ion Ratio Lower Upper

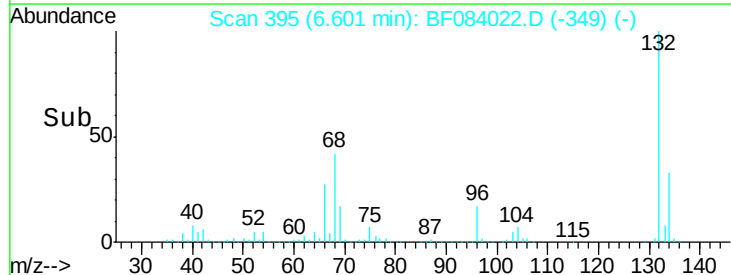
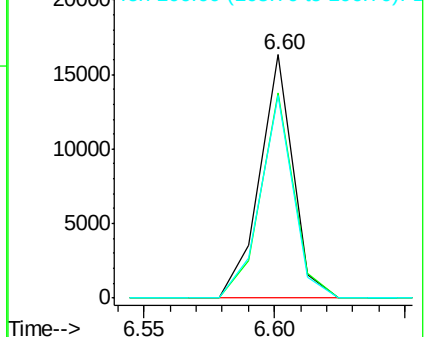
77 100

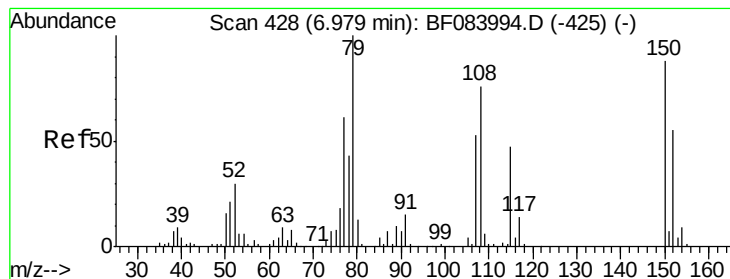
105 84.4 83.0 123.0

106 83.3 74.6 114.6



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





#15

Benzyl Alcohol

Concen: 2.07 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF084022.D

Acq: 23 Dec 2015 7:04

Instrument :

BNA_F

ClientSampleId :

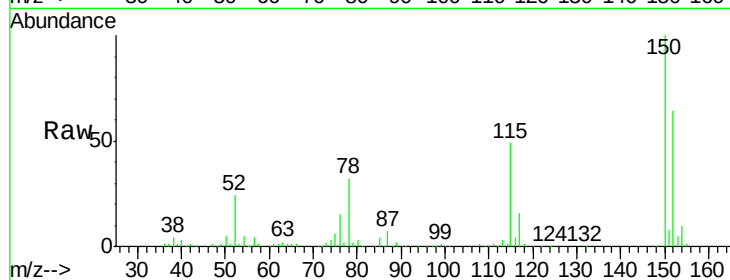
Tot Ion: 79 Resp: 8579

Ion Ratio Lower Upper

79 100

108 23.9 69.0 103.4#

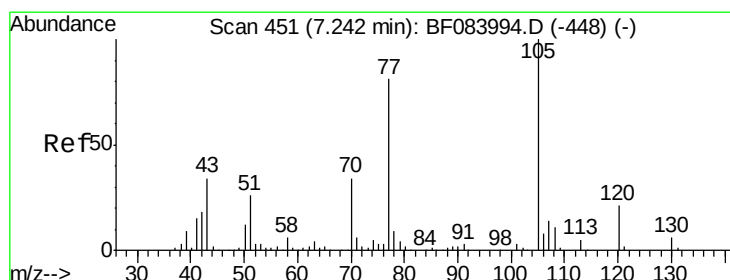
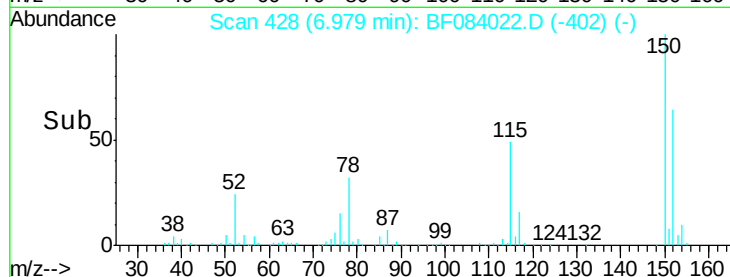
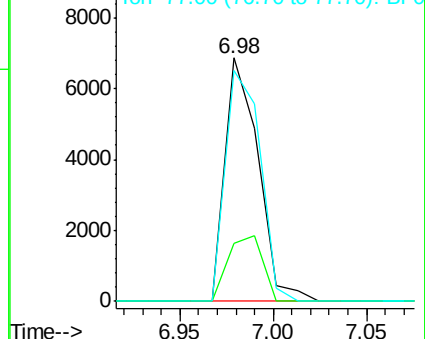
77 95.0 50.0 75.0#



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.42 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.15 min

Lab File: BF084022.D

Acq: 23 Dec 2015 7:04

Tgt Ion: 70 Resp: 58672

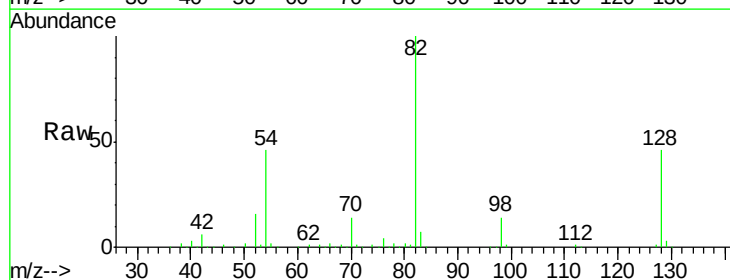
Ion Ratio Lower Upper

70 100

42 39.8 33.3 49.9

101 0.0 9.3 13.9#

130 2.1 23.4 35.0#

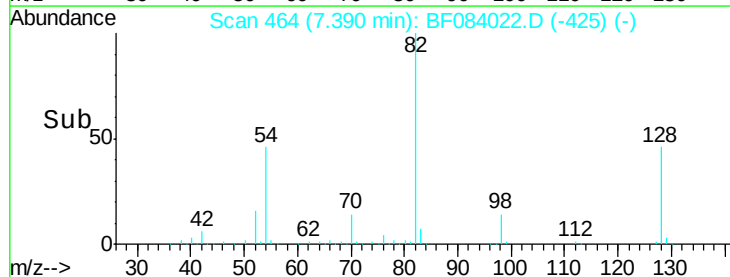
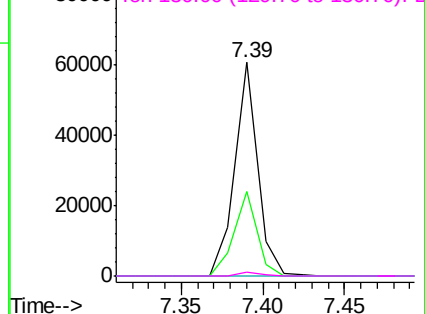


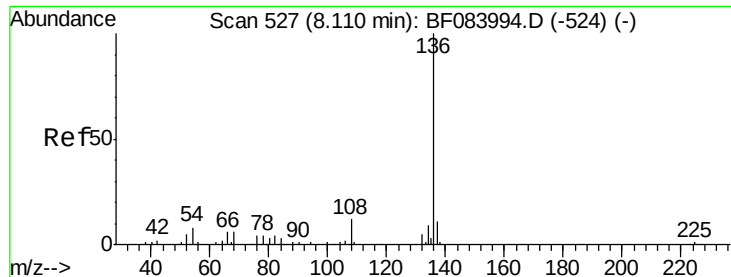
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084022.D

Acq: 23 Dec 2015 7:04

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 303241

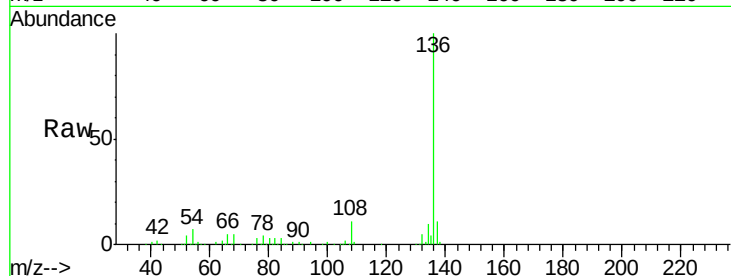
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 6.7 5.8 8.8

68 5.5 4.2 6.2

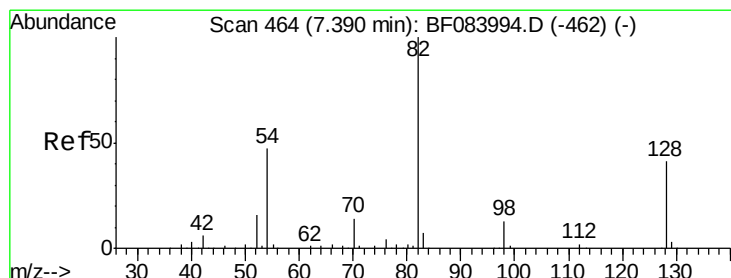
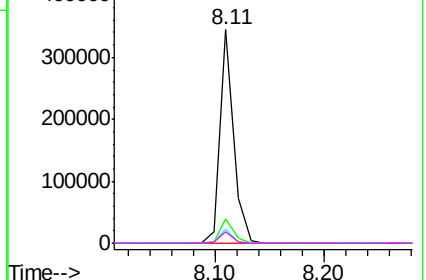
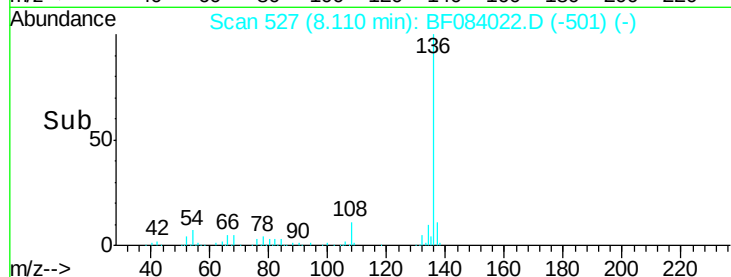


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.17 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF084022.D

Acq: 23 Dec 2015 7:04

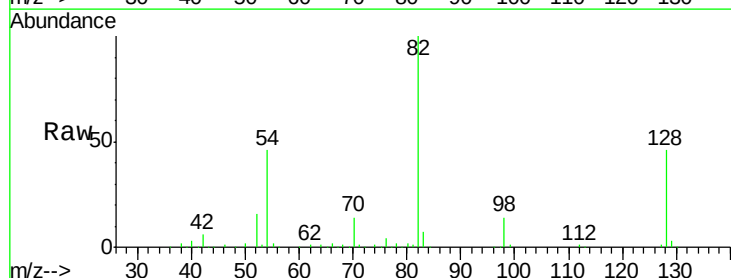
Tgt Ion: 82 Resp: 430293

Ion Ratio Lower Upper

82 100

128 45.6 34.6 51.8

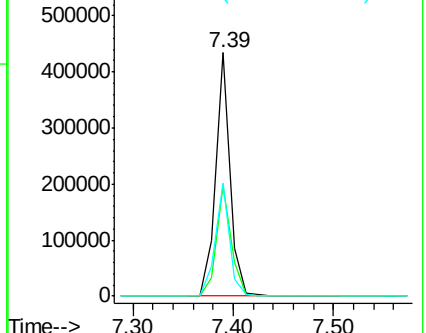
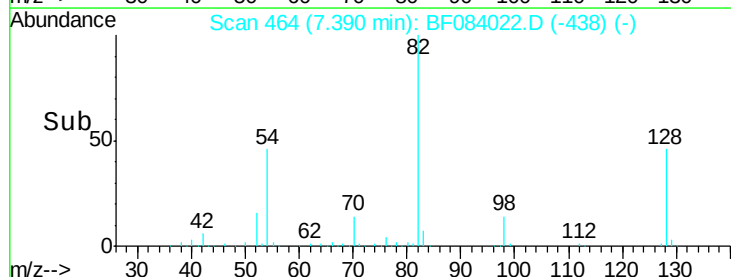
54 46.5 38.4 57.6

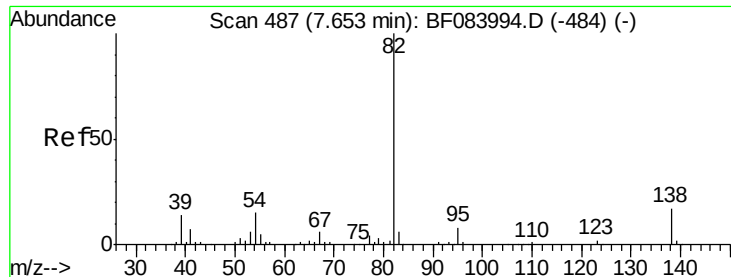


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 38.80 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.26 min

Lab File: BF084022.D

Acq: 23 Dec 2015 7:04

Instrument :

BNA_F

ClientSampled :

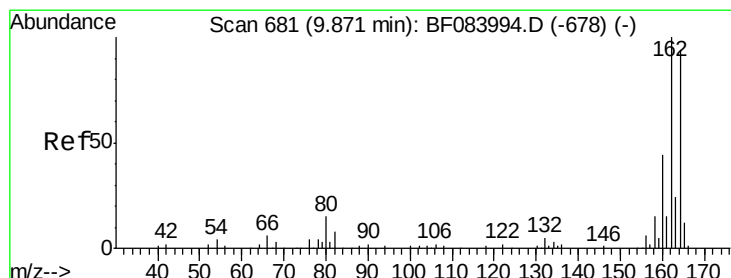
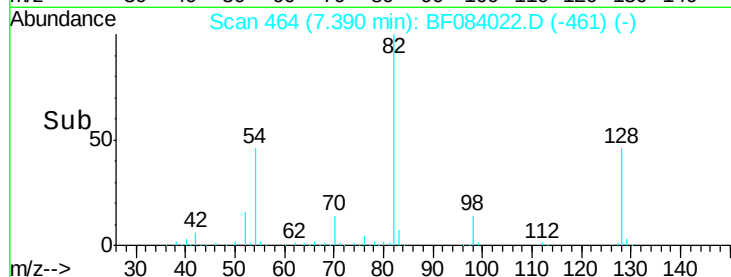
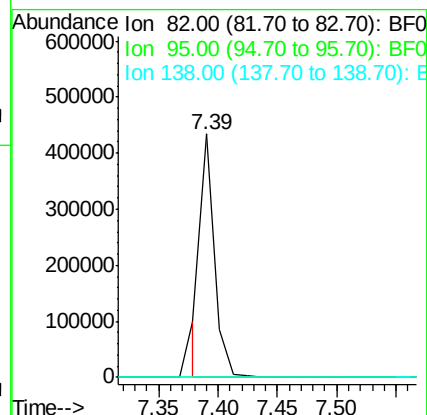
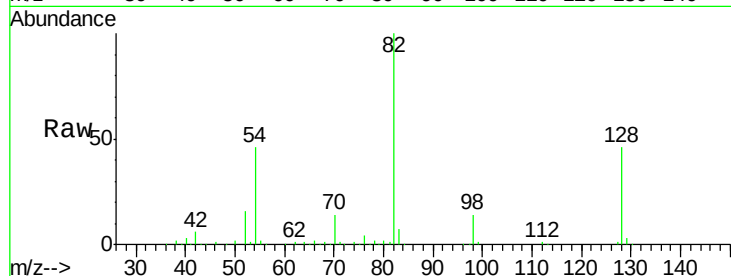
Tot Ion: 82 Resp: 362955

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: BF084022.D

Acq: 23 Dec 2015 7:04

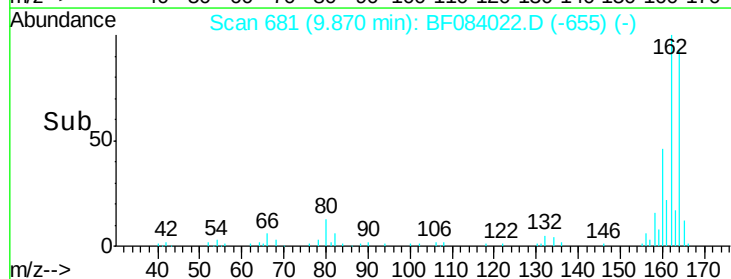
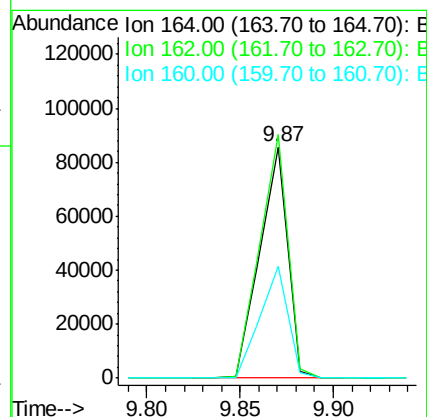
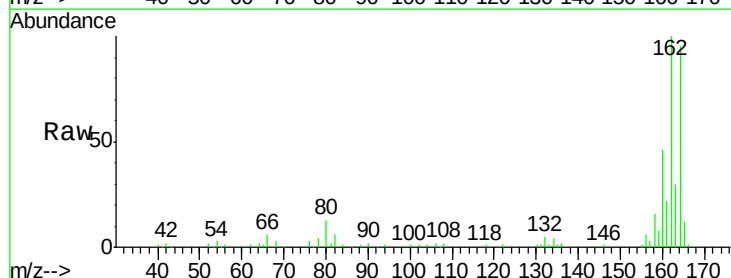
Tgt Ion: 164 Resp: 88171

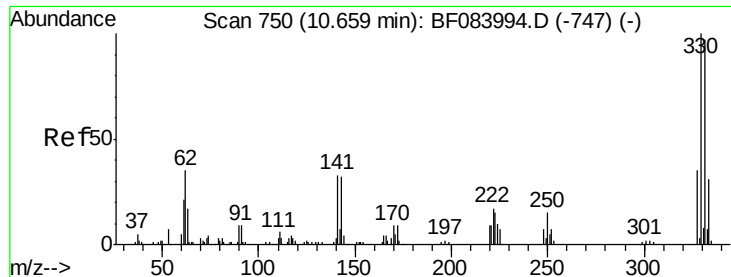
Ion Ratio Lower Upper

164 100

162 105.3 85.1 127.7

160 48.3 37.5 56.3

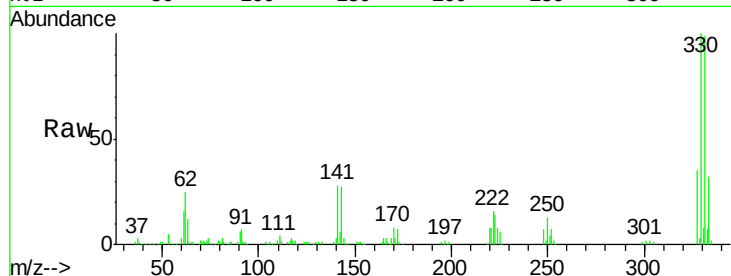




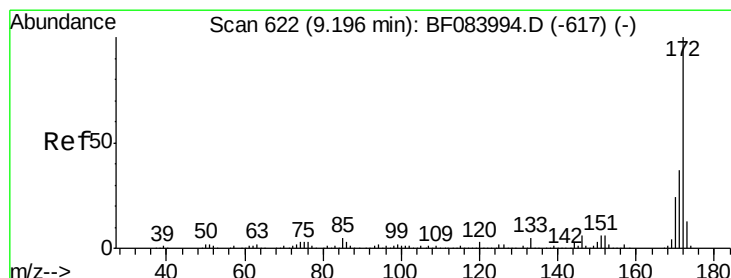
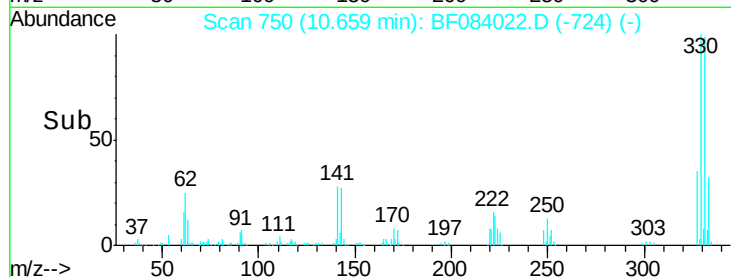
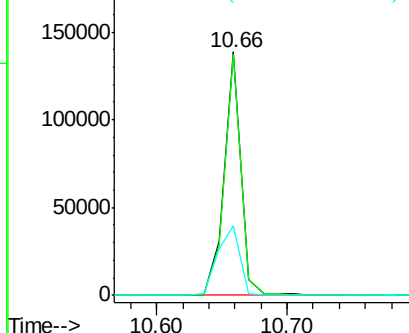
#41
 2,4,6-Tribromophenol
 Concen: 147.05 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF084022.D
 Acq: 23 Dec 2015 7:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.6	114.8
141	37.7	27.8	41.6

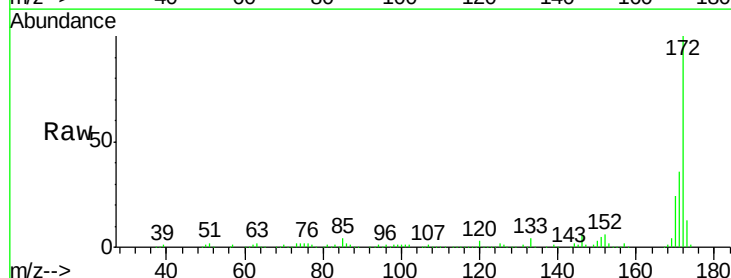


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

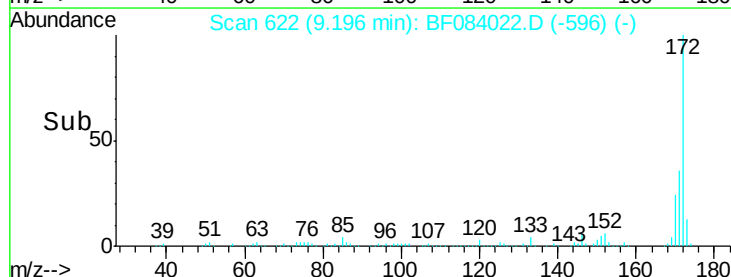
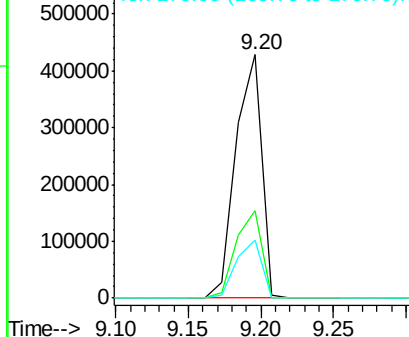


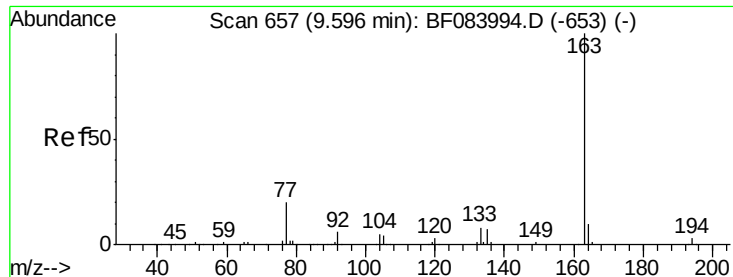
#44
 2-Fluorobiphenyl
 Concen: 80.60 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF084022.D
 Acq: 23 Dec 2015 7:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	23.8	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

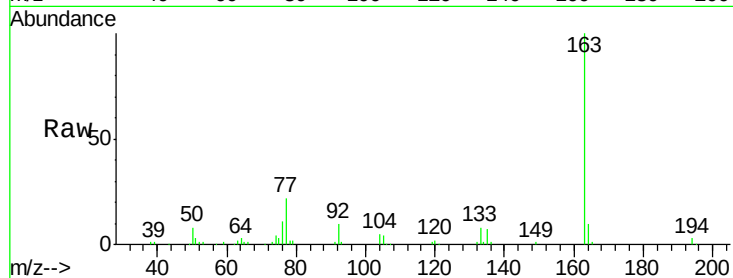




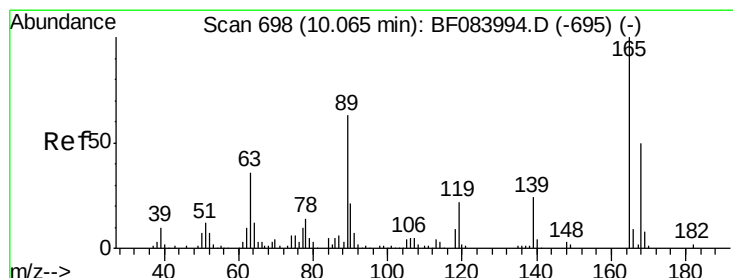
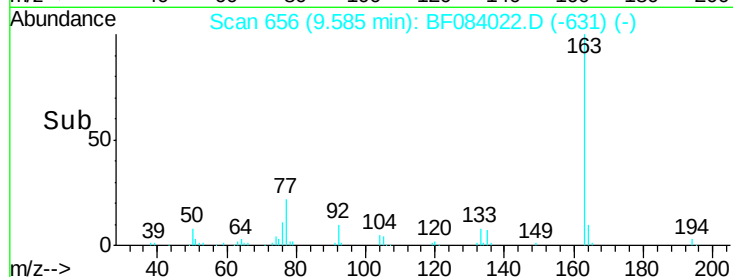
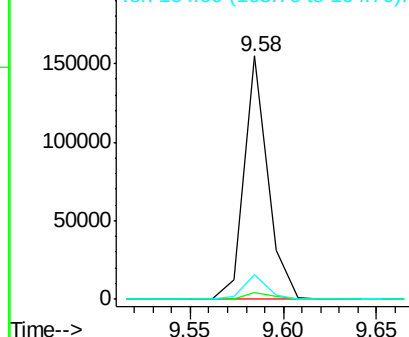
#49
Dimethylphthalate
Concen: 19.80 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF084022.D
Acq: 23 Dec 2015 7:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 136613
Ion Ratio Lower Upper
163 100
194 3.0 8.0 12.0#
164 10.2 8.0 12.0

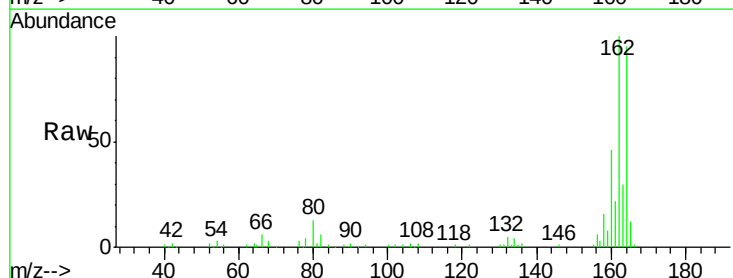


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

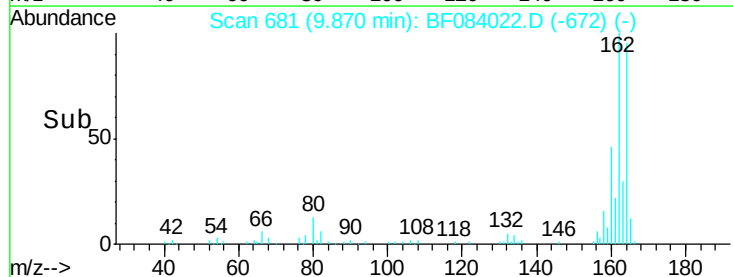
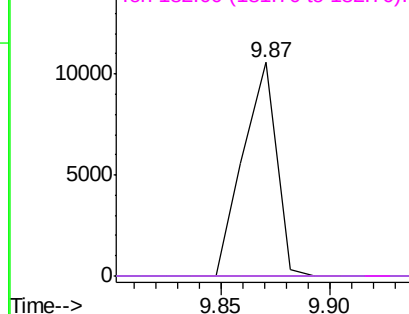


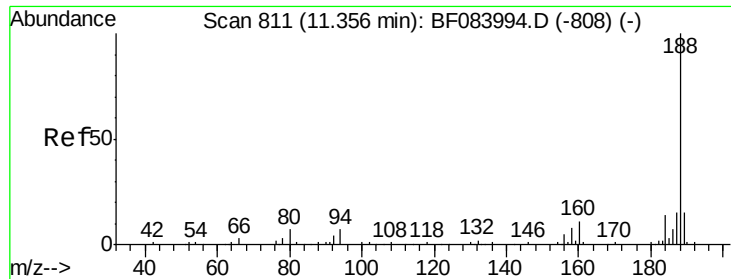
#56
2,4-Dinitrotoluene
Concen: 6.18 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.19 min
Lab File: BF084022.D
Acq: 23 Dec 2015 7:04

Tgt Ion:165 Resp: 11305
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

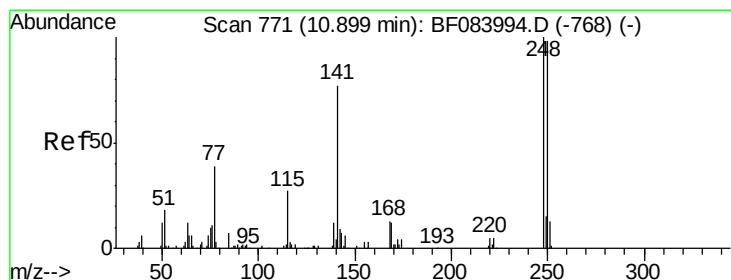
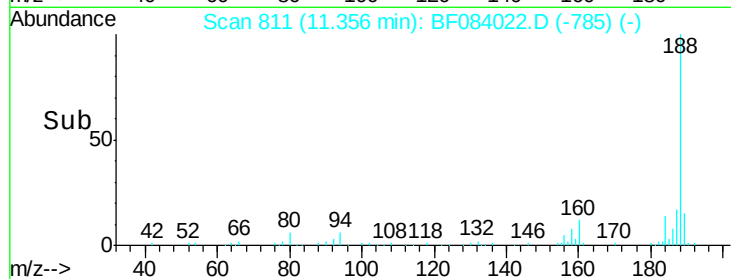
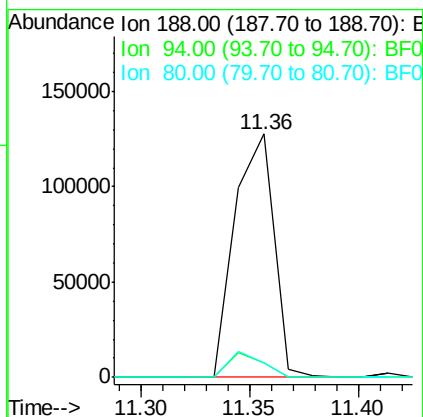
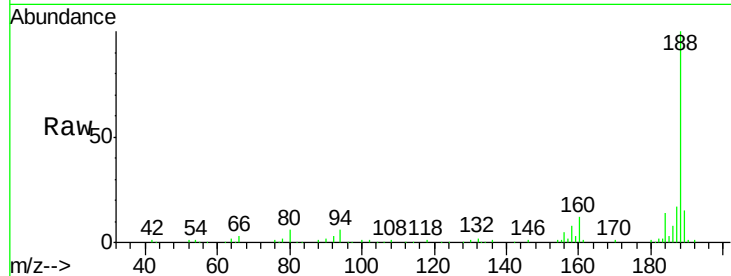




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF084022.D
 Acq: 23 Dec 2015 7:04

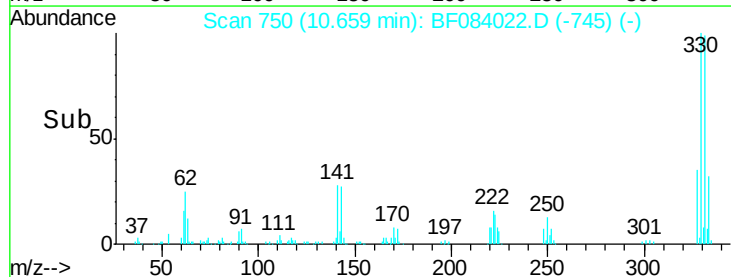
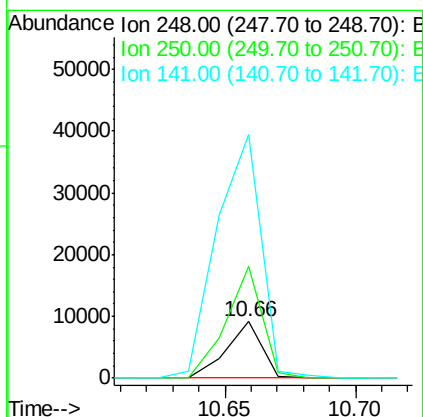
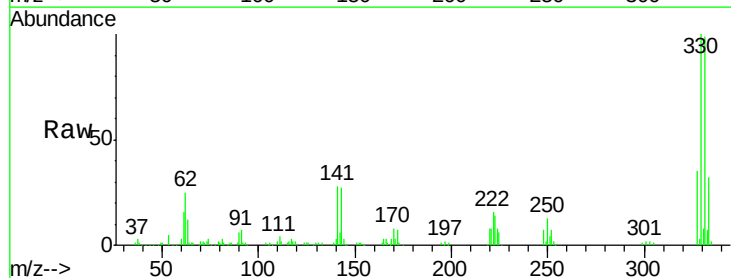
Instrument :
 BNA_F
 ClientSampleId :

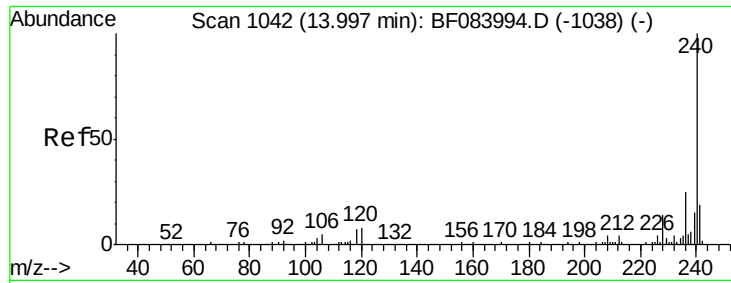
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.8	9.0	13.4#
80	5.9	9.6	14.4#



#66
 4-Bromophenyl-phenylether
 Concen: 4.74 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.24 min
 Lab File: BF084022.D
 Acq: 23 Dec 2015 7:04

Tgt Ion	Ratio	Lower	Upper
248	100		
250	196.9	78.4	117.6#
141	430.3	44.0	66.0#

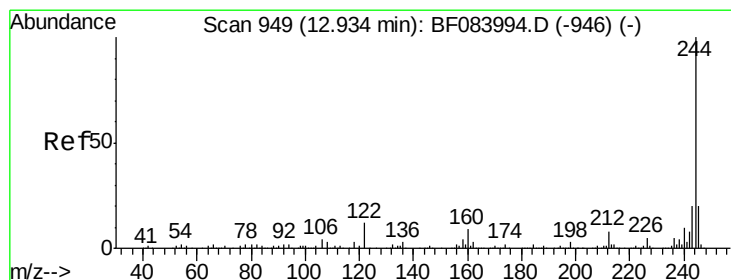
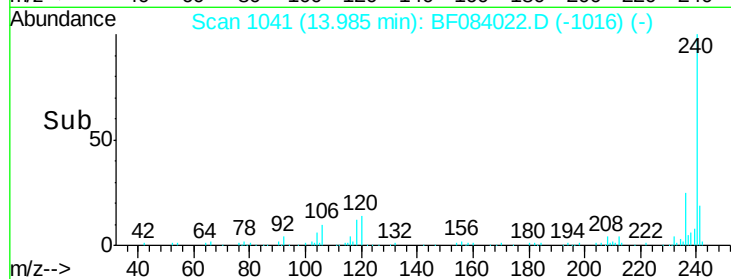
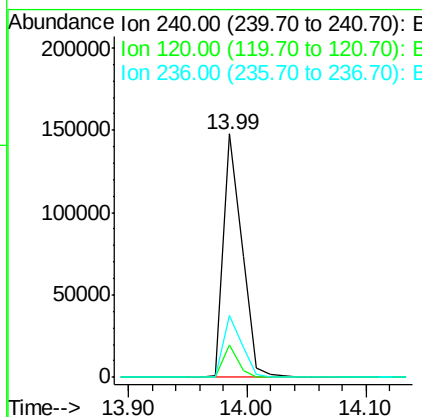
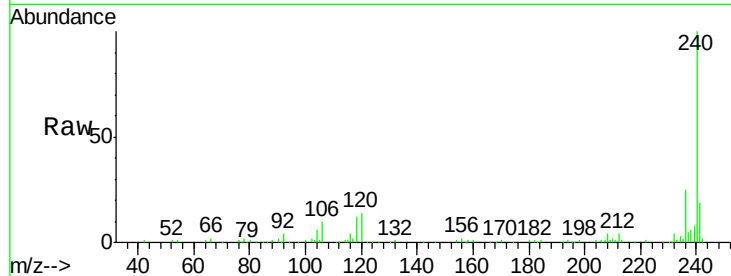




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084022.D
Acq: 23 Dec 2015 7:04

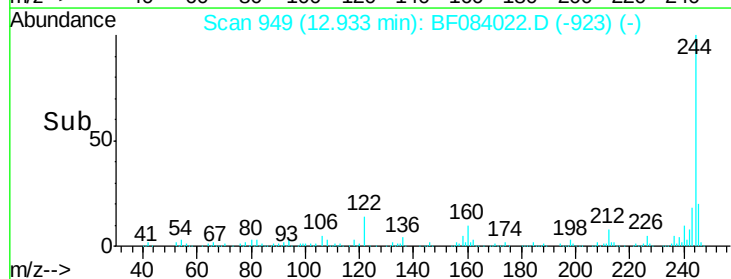
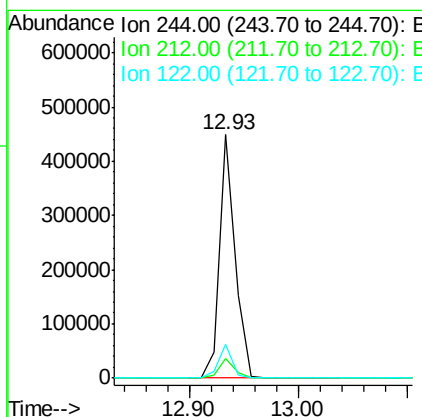
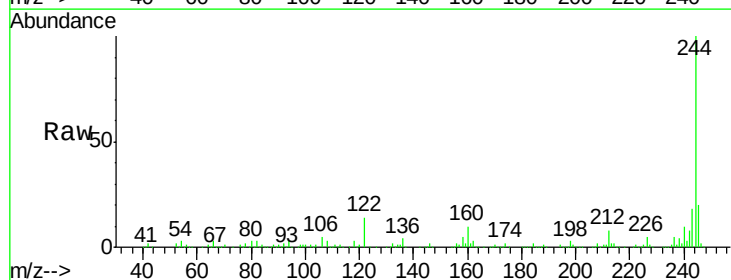
Instrument :
BNA_F
ClientSampleId :

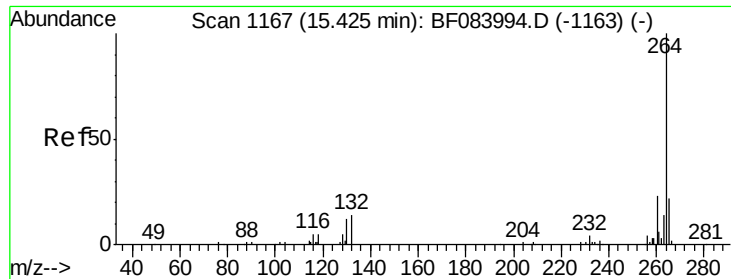
Tot Ion	Ratio	Lower	Upper
240	100		
120	13.5	9.5	14.3
236	25.5	20.6	31.0



#78
Terphenyl-d14
Concen: 67.71 ng
RT: 12.93 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF084022.D
Acq: 23 Dec 2015 7:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.7	8.5
122	13.8	7.4	11.0#

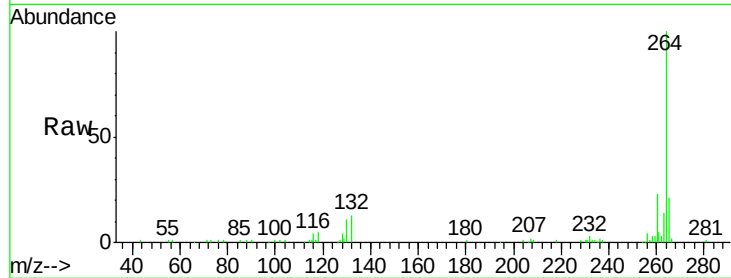




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF084022.D
Acq: 23 Dec 2015 7:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.4	29.2
265	21.2	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

