

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
 Data File : BF085044.D
 Acq On : 12 Feb 2016 6:30
 Operator : SJ/IZ
 Sample : H1361-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Feb 12 07:21:46 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

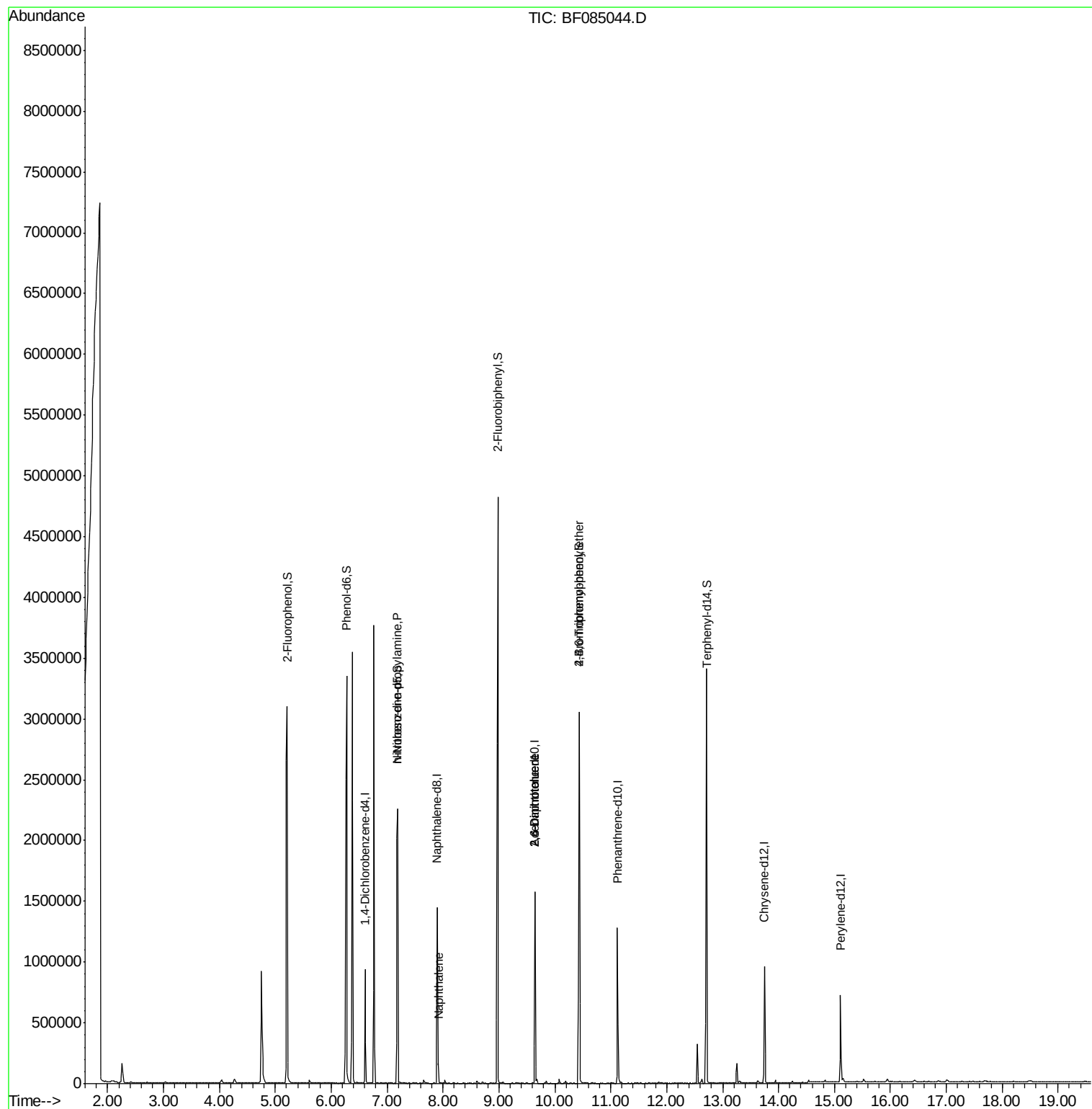
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	144034	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	637269	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	304082	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	505237	20.00	ng	-0.02
75) Chrysene-d12	13.75	240	332680	20.00	ng	-0.02
86) Perylene-d12	15.11	264	295058	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1218457	131.77	ng	0.01
7) Phenol-d6	6.27	99	1529956	133.46	ng	-0.01
23) Nitrobenzene-d5	7.19	82	1087740	96.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.43	330	374369	118.03	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1881221	121.67	ng	-0.01
78) Terphenyl-d14	12.72	244	1634349	111.32	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.19	70	147365	20.51	ng	# 75
31) Naphthalene	7.92	128	79577	2.49	ng	96
50) 2,6-Dinitrotoluene	9.64	165	38456	7.60	ng	# 38
56) 2,4-Dinitrotoluene	9.64	165	38456	5.96	ng	# 21
66) 4-Bromophenyl-phenylether	10.43	248	22810	4.09	ng	# 1

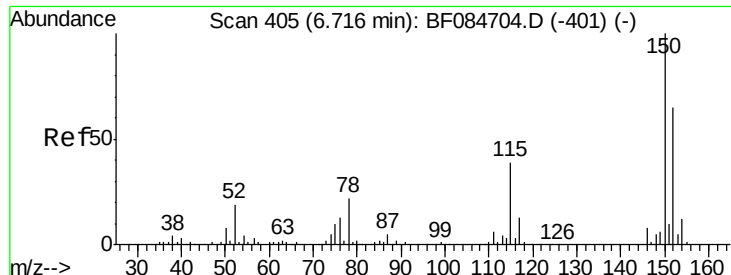
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
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QLast Update : Wed Feb 10 13:28:51 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.02 min

Lab File: BF085044.D

Acq: 12 Feb 2016 6:30

Instrument :

BNA_F

ClientSampleId :

WC-1

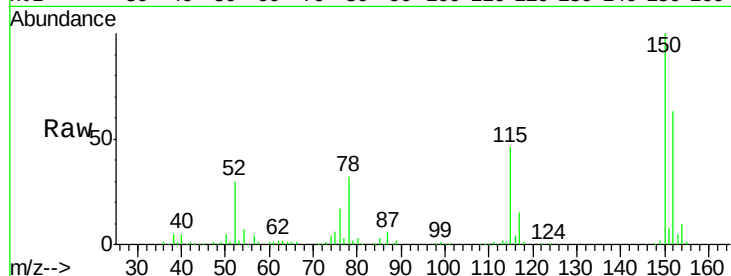
Tgt Ion:152 Resp: 144034

Ion Ratio Lower Upper

152 100

150 159.3 123.0 184.4

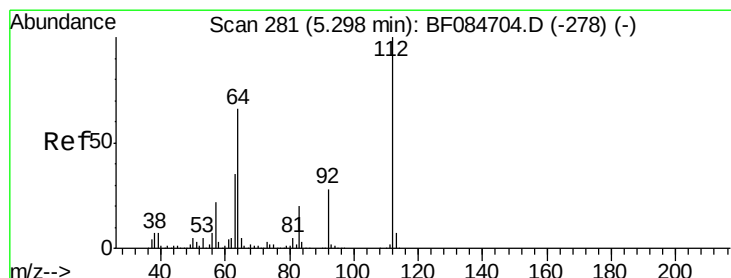
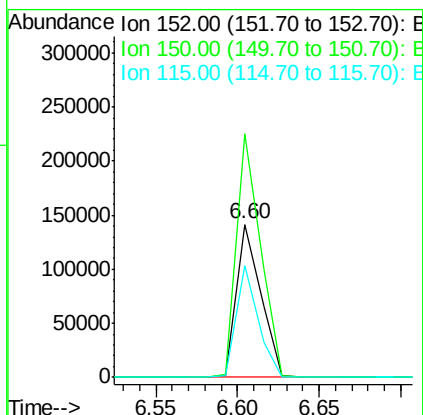
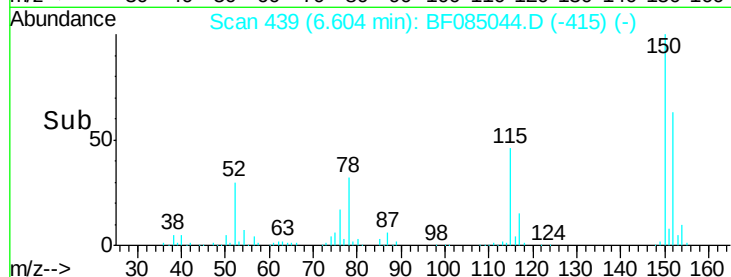
115 73.1 51.4 77.2



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: 131.77 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF085044.D

Acq: 12 Feb 2016 6:30

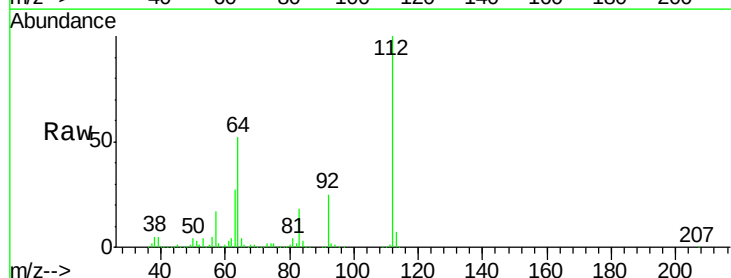
Tgt Ion:112 Resp: 1218457

Ion Ratio Lower Upper

112 100

64 52.3 36.6 55.0

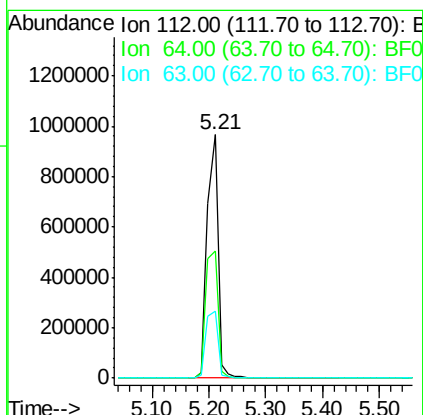
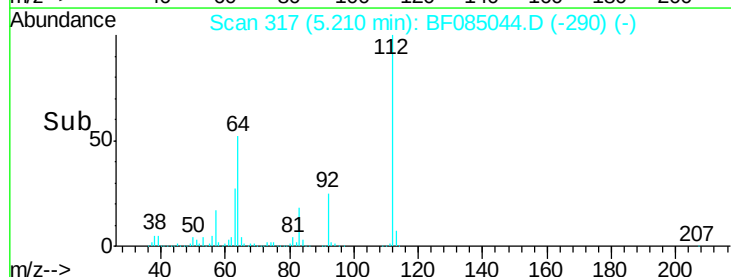
63 27.3 19.4 29.0

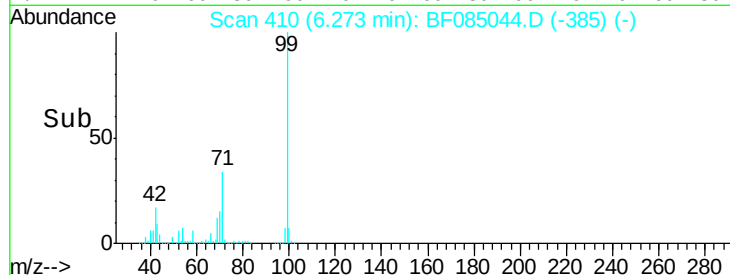
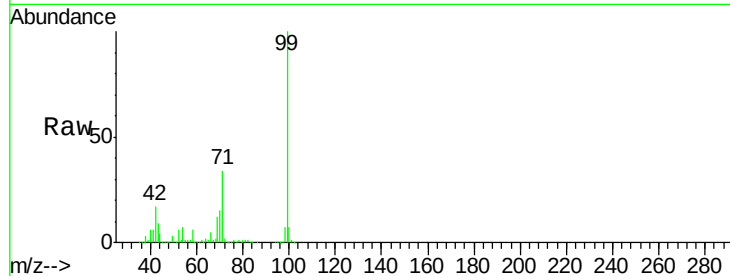
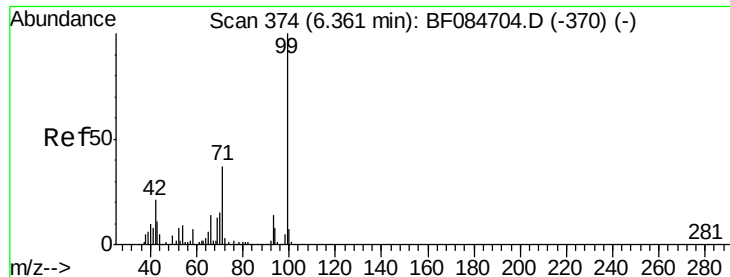


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 133.46 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085044.D

Acq: 12 Feb 2016 6:30

Instrument :

BNA_F

ClientSampleId :

WC-1

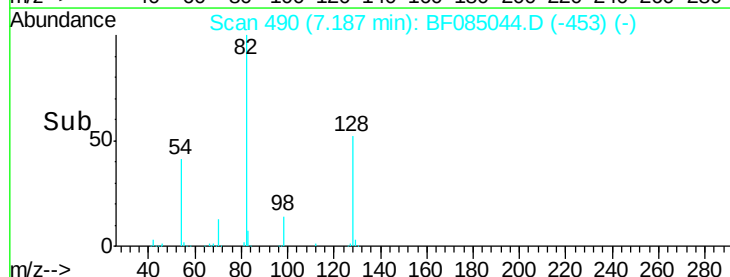
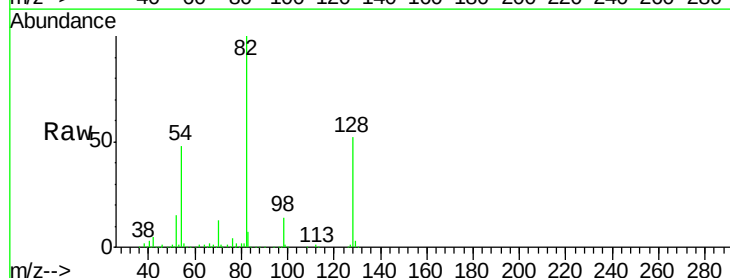
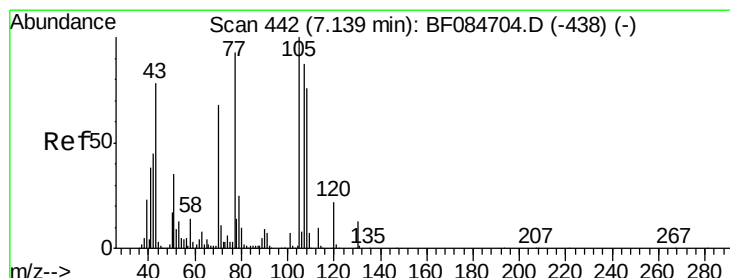
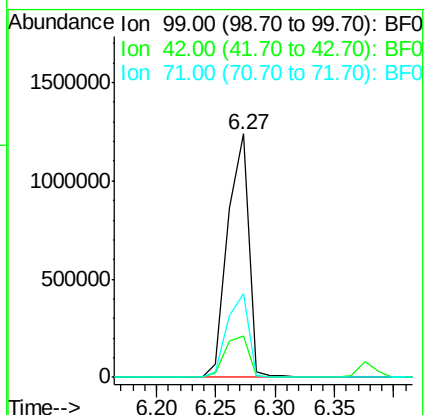
Tgt Ion: 99 Resp: 1529956

Ion Ratio Lower Upper

99 100

42 16.8 12.8 19.2

71 34.2 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 20.51 ng

RT: 7.19 min Scan# 490

Delta R.T. 0.13 min

Lab File: BF085044.D

Acq: 12 Feb 2016 6:30

Tgt Ion: 70 Resp: 147365

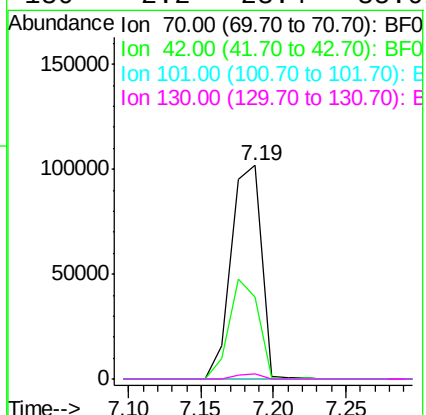
Ion Ratio Lower Upper

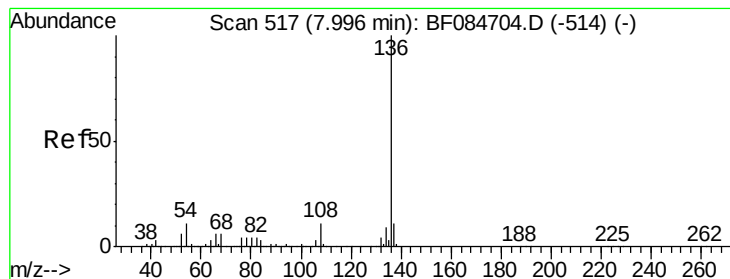
70 100

42 38.4 33.3 49.9

101 0.0 9.3 13.9#

130 2.2 23.4 35.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF085044.D

Acq: 12 Feb 2016 6:30

Instrument :

BNA_F

ClientSampleId :

WC-1

Tgt Ion: 136 Resp: 637269

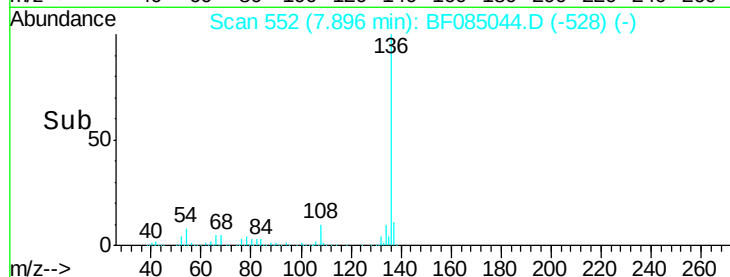
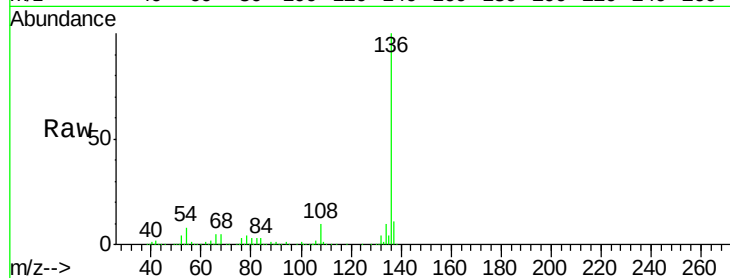
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 7.9 5.8 8.8

68 4.6 4.2 6.2

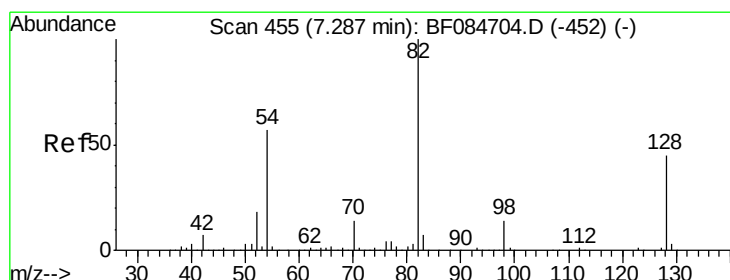
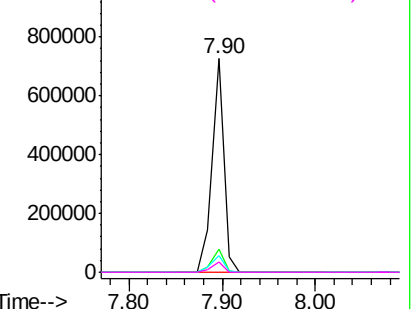


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.15 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF085044.D

Acq: 12 Feb 2016 6:30

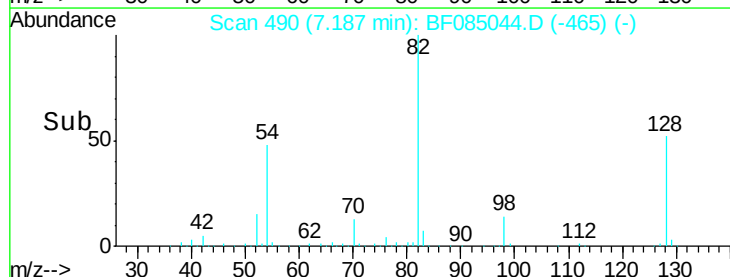
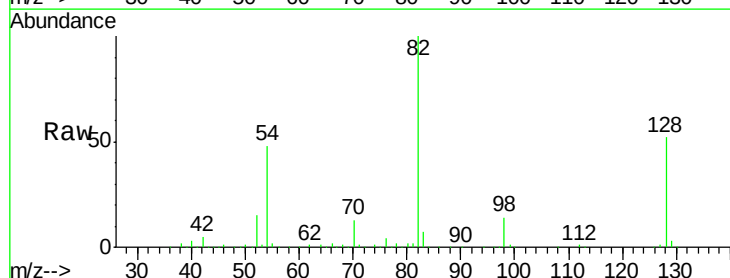
Tgt Ion: 82 Resp: 1087740

Ion Ratio Lower Upper

82 100

128 52.4 34.6 51.8#

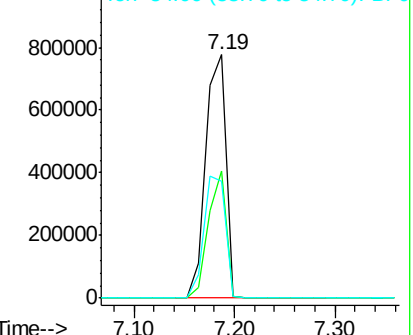
54 48.0 38.4 57.6

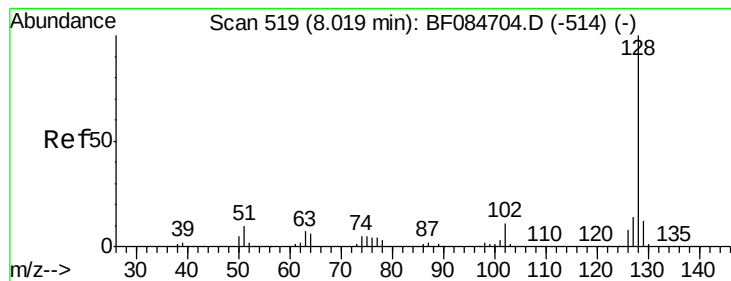


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 2.49 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.02 min

Lab File: BF085044.D

Acq: 12 Feb 2016 6:30

Instrument :

BNA_F

ClientSampleId :

WC-1

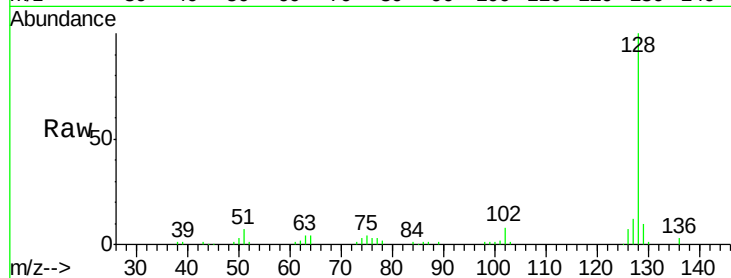
Tgt Ion:128 Resp: 79577

Ion Ratio Lower Upper

128 100

129 10.2 9.1 13.7

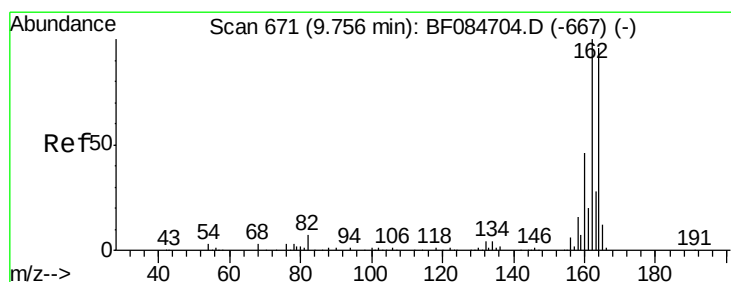
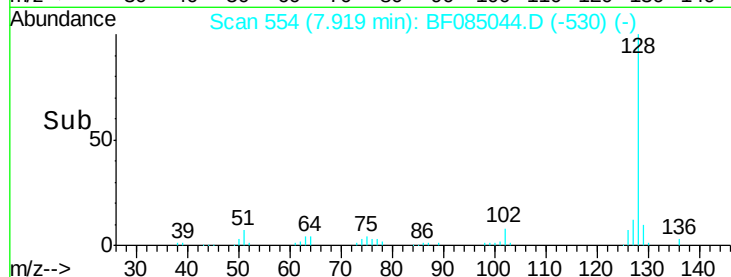
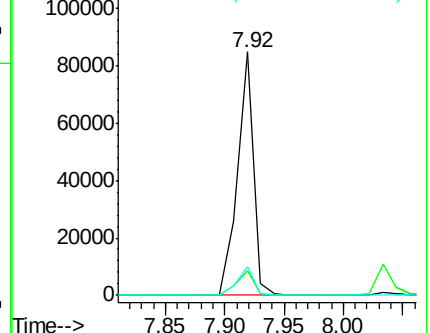
127 12.0 11.1 16.7



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF085044.D

Acq: 12 Feb 2016 6:30

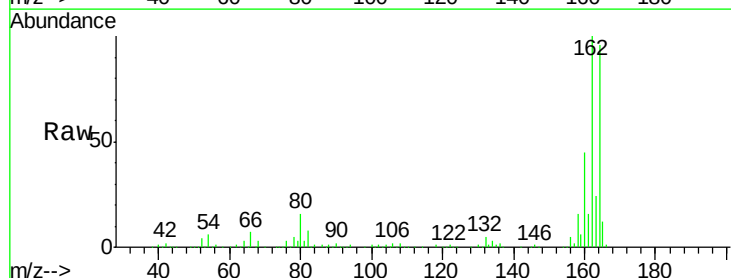
Tgt Ion:164 Resp: 304082

Ion Ratio Lower Upper

164 100

162 104.5 85.1 127.7

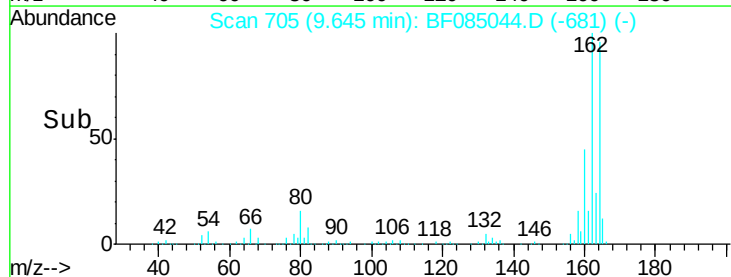
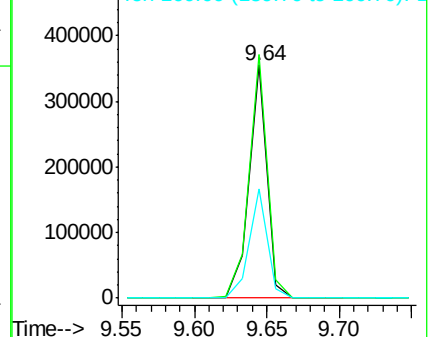
160 47.1 37.5 56.3

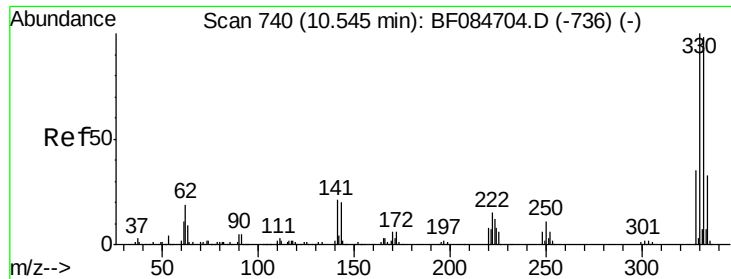


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

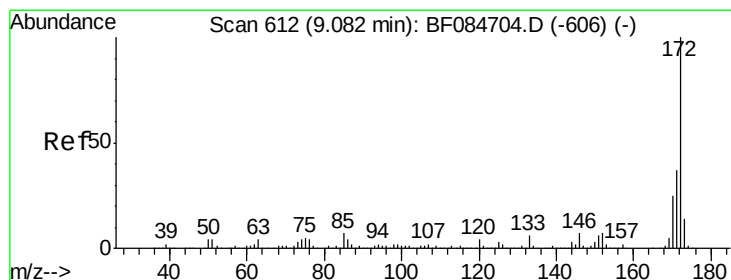
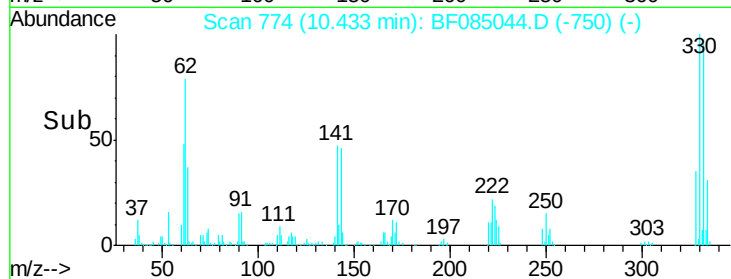
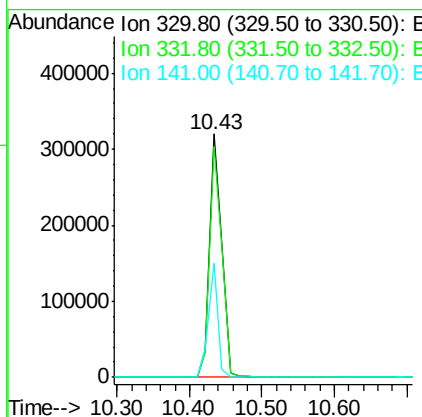
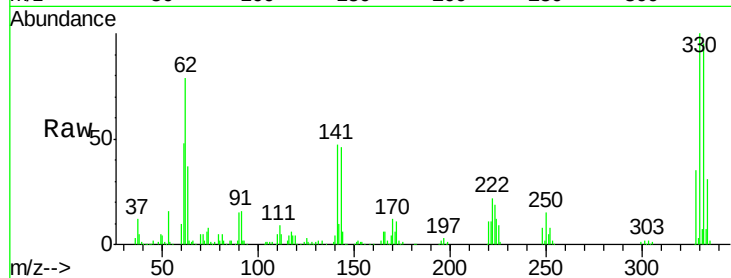




#41
 2,4,6-Tribromophenol
 Concen: 118.03 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF085044.D
 Acq: 12 Feb 2016 6:30

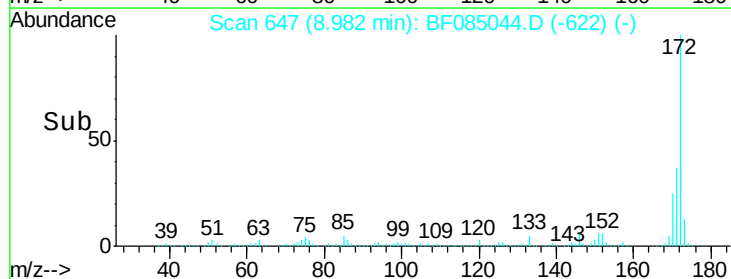
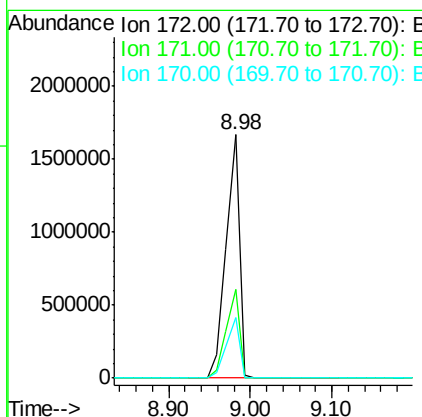
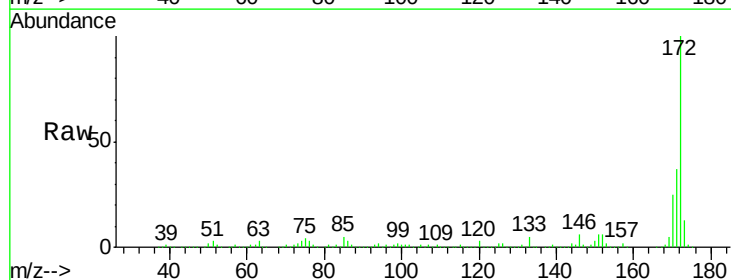
Instrument :
 BNA_F
 ClientSampleId :
 WC-1

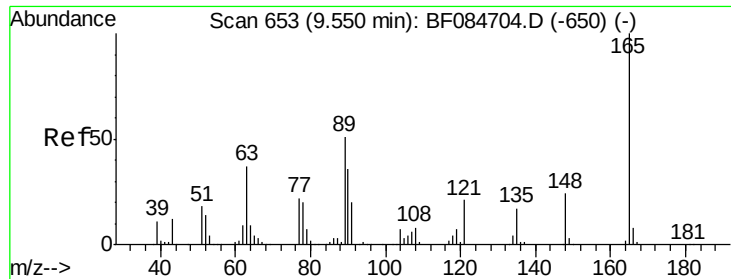
Tgt Ion:330 Resp: 374369
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 37.3 27.8 41.6



#44
 2-Fluorobiphenyl
 Concen: 121.67 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF085044.D
 Acq: 12 Feb 2016 6:30

Tgt Ion:172 Resp: 1881221
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.9 43.3
 170 25.0 18.6 27.8





#50

2,6-Dinitrotoluene

Concen: 7.60 ng

RT: 9.64 min Scan# 705

Delta R.T. 0.17 min

Lab File: BF085044.D

Acq: 12 Feb 2016 6:30

Instrument :

BNA_F

ClientSampleId :

WC-1

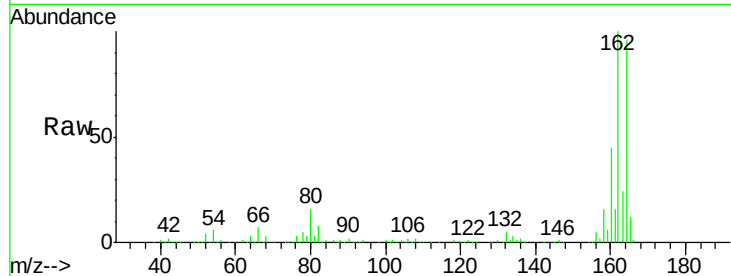
Tgt Ion:165 Resp: 38456

Ion Ratio Lower Upper

165 100

63 1.4 28.8 43.2#

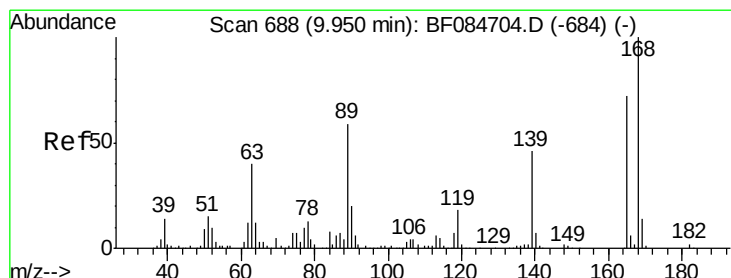
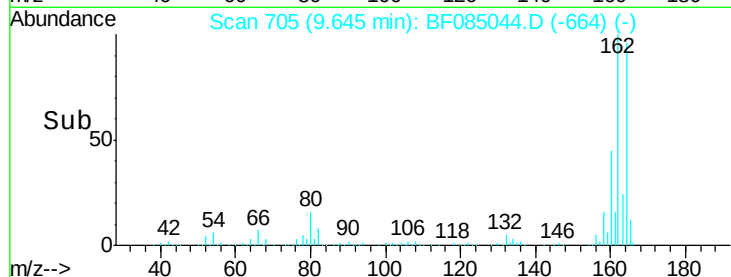
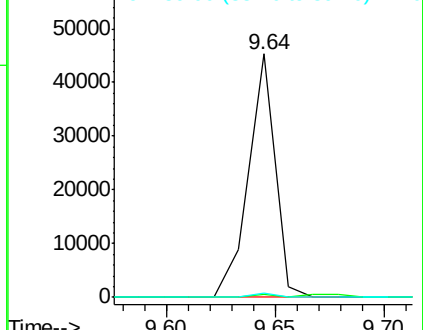
89 1.7 35.1 52.7#



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



#56

2,4-Dinitrotoluene

Concen: 5.96 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.23 min

Lab File: BF085044.D

Acq: 12 Feb 2016 6:30

Tgt Ion:165 Resp: 38456

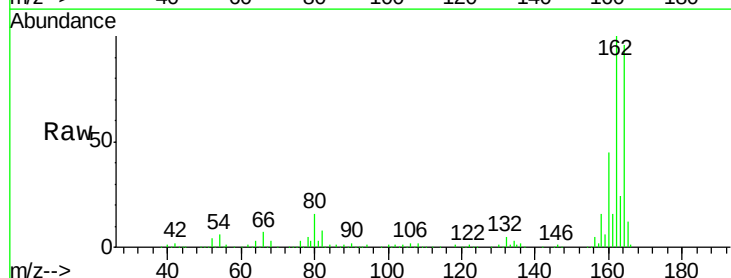
Ion Ratio Lower Upper

165 100

63 1.4 36.7 55.1#

89 1.7 61.9 92.9#

182 0.0 2.0 3.0#

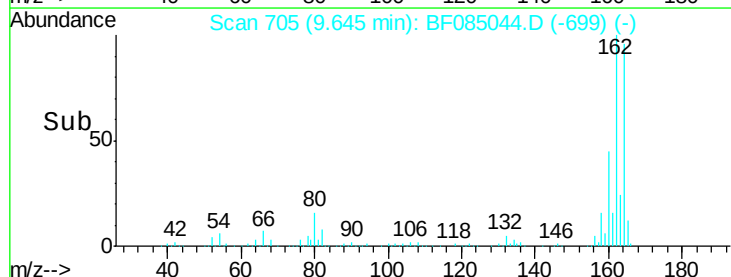
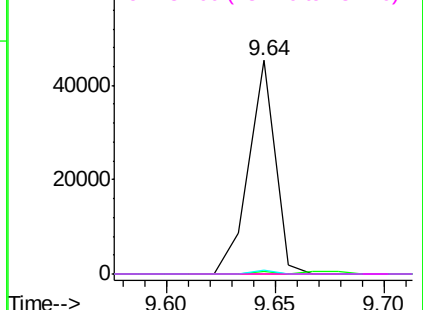


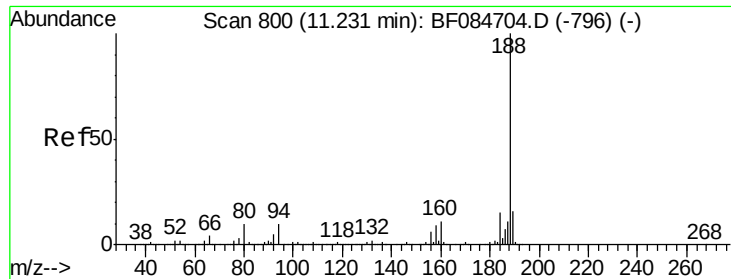
Abundance Ion 165.00 (164.70 to 165.70): E

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

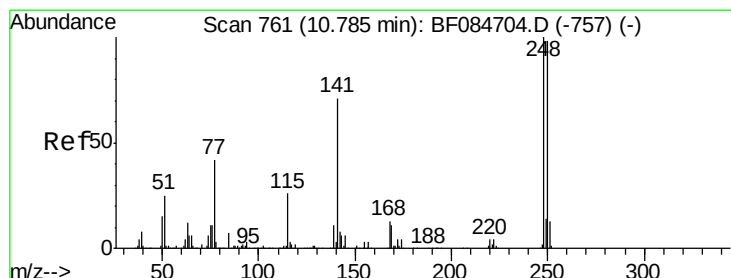
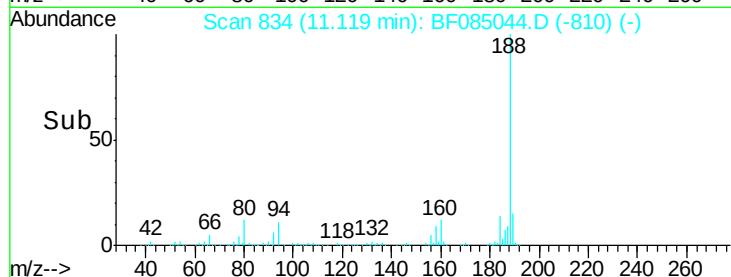
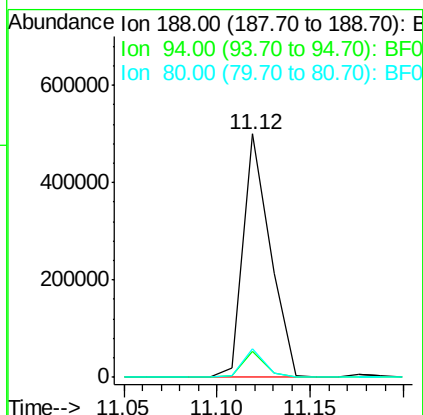
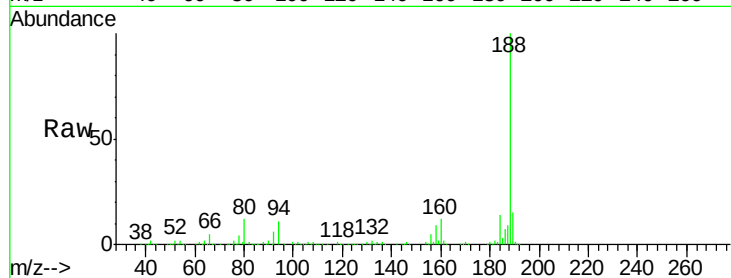




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF085044.D
Acq: 12 Feb 2016 6:30

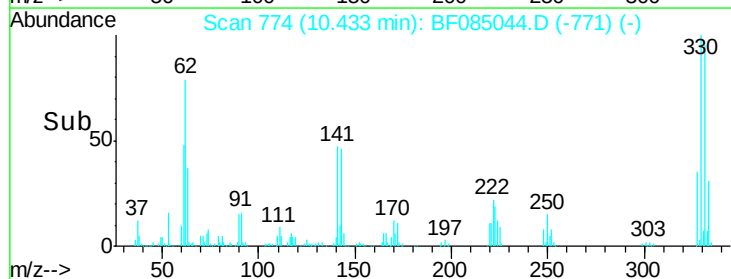
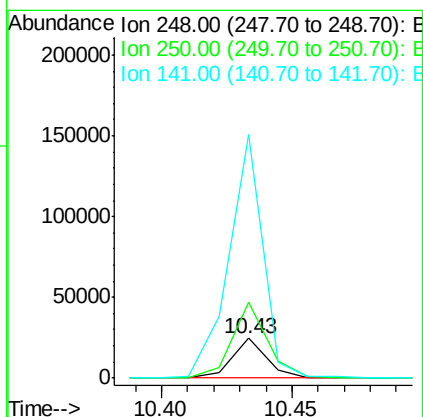
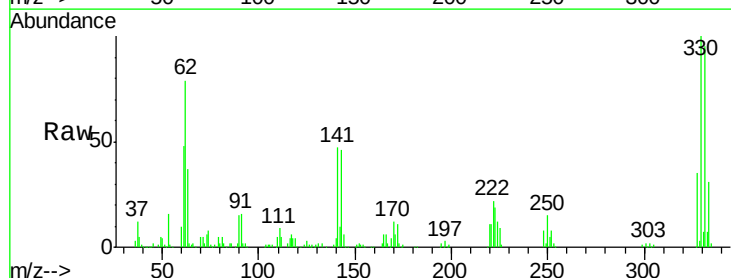
Instrument :
BNA_F
ClientSampleId :
WC-1

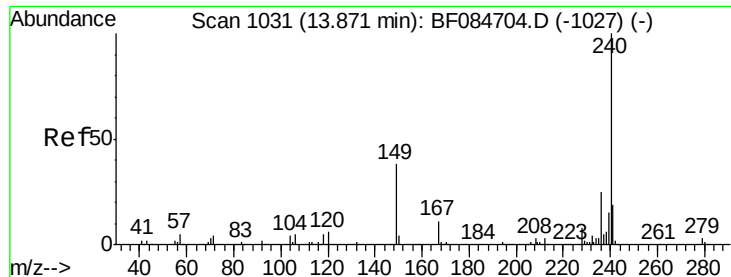
Tgt Ion:188 Resp: 505237
Ion Ratio Lower Upper
188 100
94 10.8 9.0 13.4
80 11.6 9.6 14.4



#66
4-Bromophenyl-phenylether
Concen: 4.09 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.26 min
Lab File: BF085044.D
Acq: 12 Feb 2016 6:30

Tgt Ion:248 Resp: 22810
Ion Ratio Lower Upper
248 100
250 193.1 78.4 117.6#
141 614.3 44.0 66.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.02 min

Lab File: BF085044.D

Acq: 12 Feb 2016 6:30

Instrument :

BNA_F

ClientSampleId :

WC-1

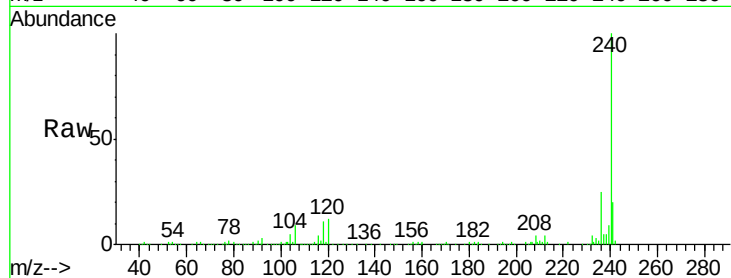
Tgt Ion:240 Resp: 332680

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

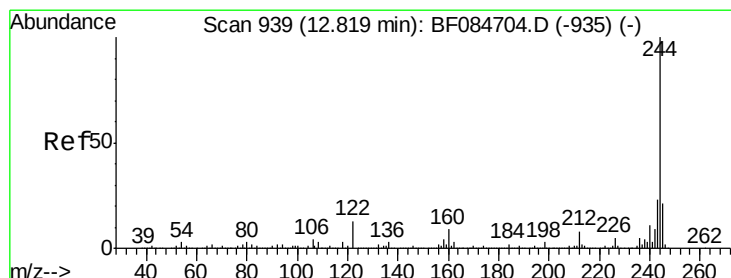
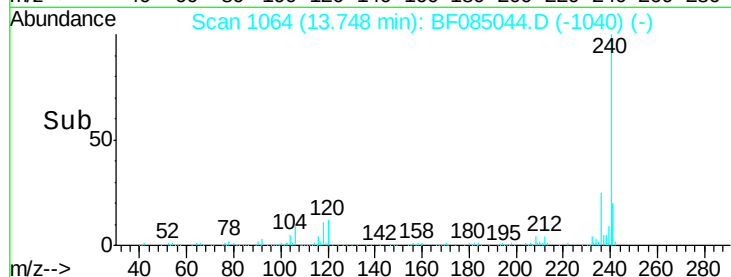
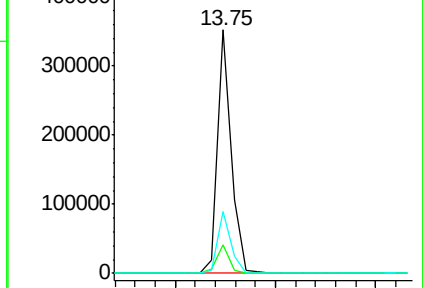
236 25.4 20.6 31.0



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: 111.32 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF085044.D

Acq: 12 Feb 2016 6:30

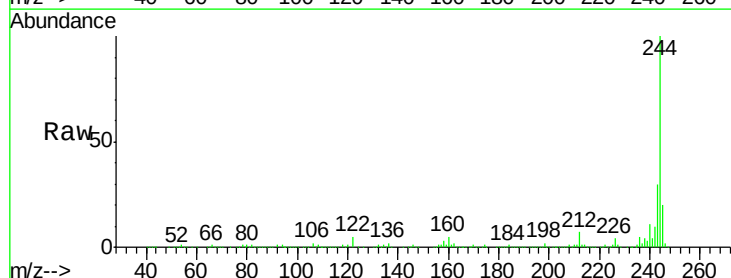
Tgt Ion:244 Resp: 1634349

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

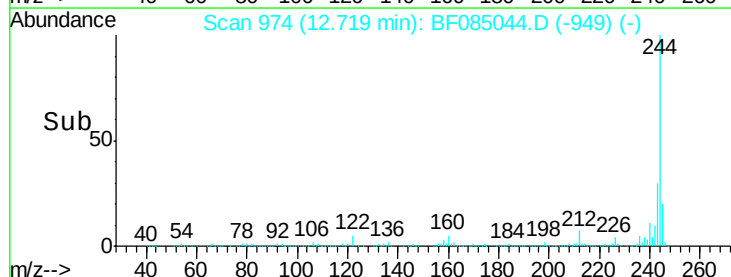
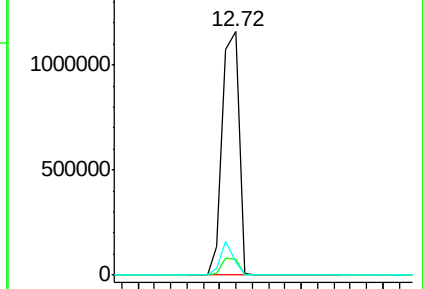
122 5.4 7.4 11.0#

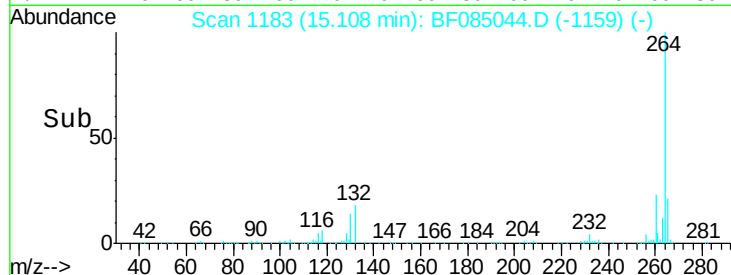
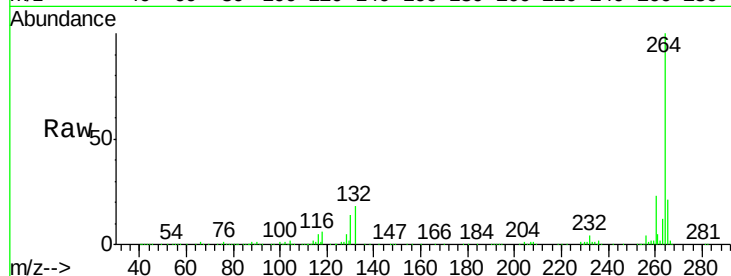
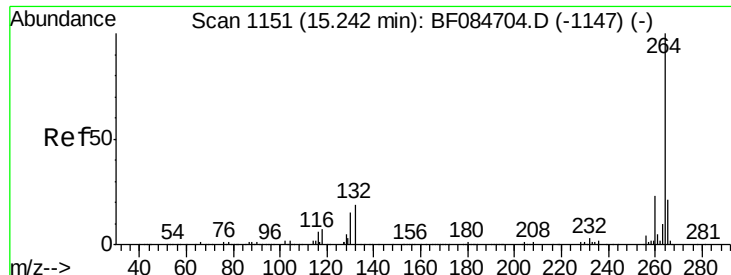


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.11 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF085044.D
Acq: 12 Feb 2016 6:30

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:	264	Resp:	295058
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.4	17.8	26.6

