

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021315\
 Data File : BF077317.D
 Acq On : 13 Feb 2015 20:15
 Operator : TP/IZ
 Sample : G1294-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 115-00(0-2)

Quant Time: Feb 13 22:54:00 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 13 13:10:36 2015
 Response via : Initial Calibration

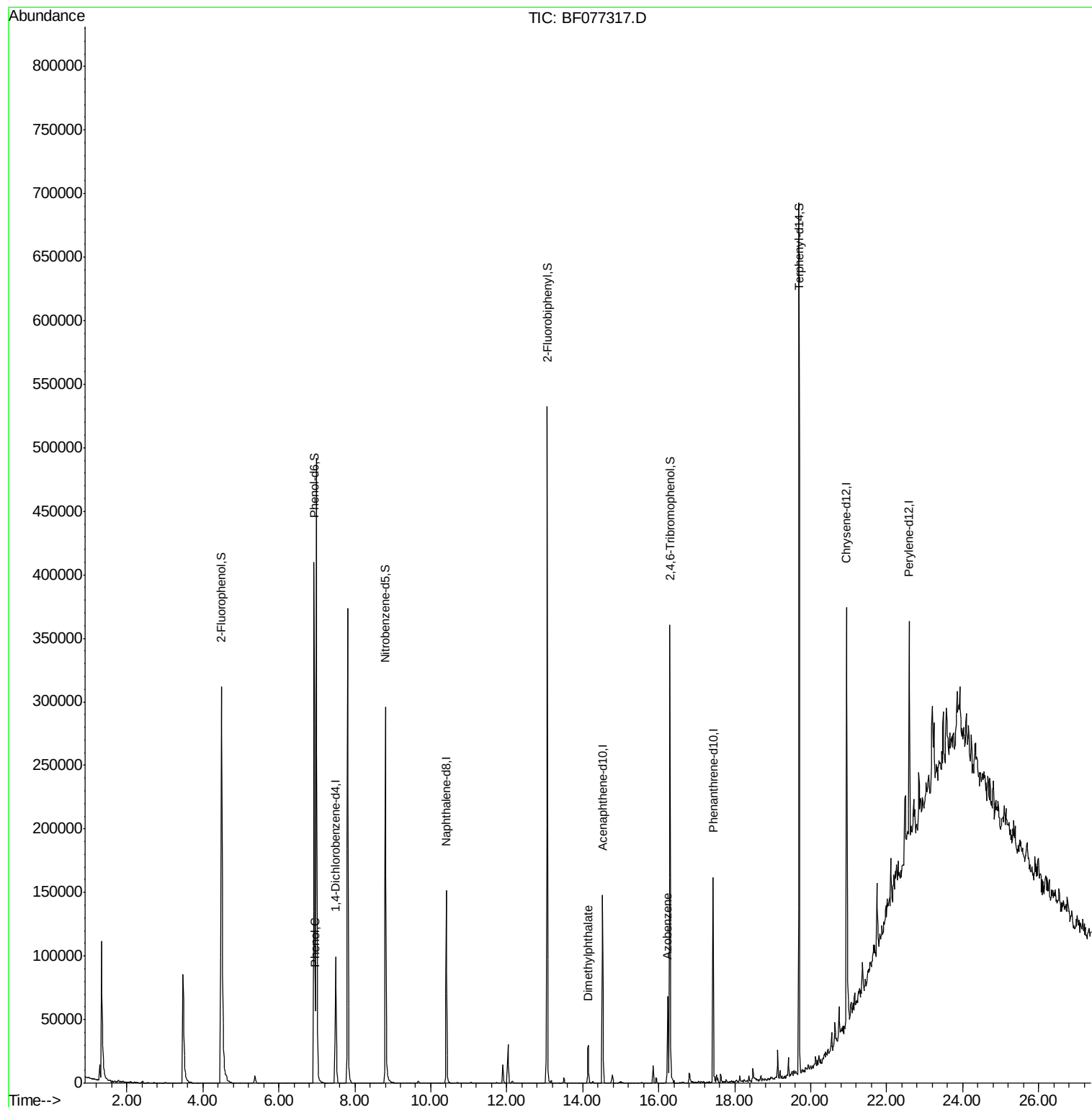
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	30171	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	123322	20.00	ng	0.00
38) Acenaphthene-d10	14.52	164	57030	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	98855	20.00	ng	0.00
75) Chrysene-d12	20.95	240	93633	20.00	ng	-0.01
86) Perylene-d12	22.59	264	86923	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.49	112	210216	108.74	ng	0.00
7) Phenol-d6	6.92	99	264403	110.72	ng	-0.01
23) Nitrobenzene-d5	8.81	82	165185	76.51	ng	-0.01
41) 2,4,6-Tribromophenol	16.29	330	53040	114.05	ng	-0.01
44) 2-Fluorobiphenyl	13.06	172	317486	83.79	ng	-0.01
78) Terphenyl-d14	19.69	244	294591	70.67	ng	-0.01
Target Compounds						
4) n-Nitrosodimethylamine	1.33	42	861	Below Cal	#	1
10) Phenol	6.96	94	6731	2.74 ng	#	46
49) Dimethylphthalate	14.15	163	27900	6.76 ng	#	97
62) Azobenzene	16.24	77	23030	5.62 ng	#	1

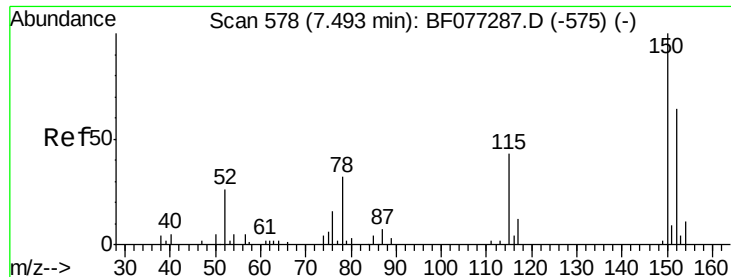
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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115-00(0-2)

Quant Time: Feb 13 22:54:00 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 13 13:10:36 2015
Response via : Initial Calibration



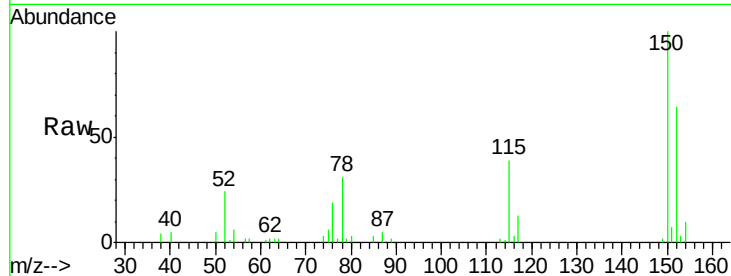


#1

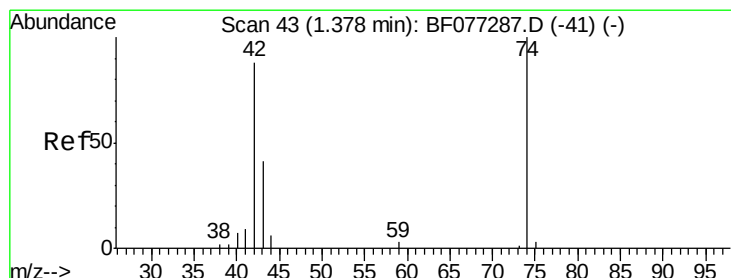
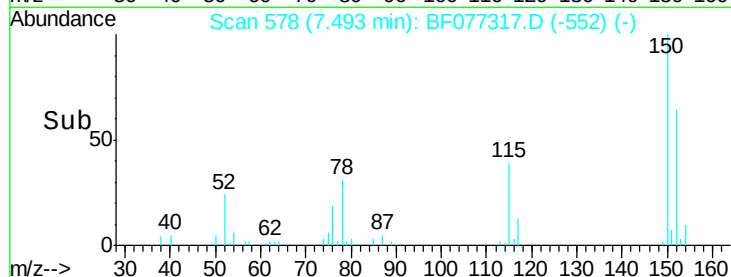
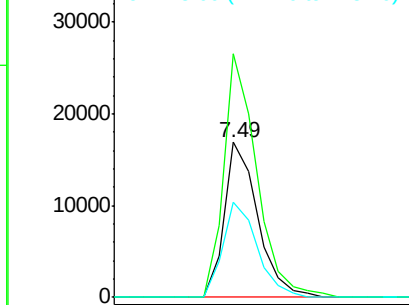
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF077317.D
Acq: 13 Feb 2015 20:15

Instrument :
BNA_F
ClientSampleId :
115-00(0-2)

Tgt Ion:152 Resp: 30171
Ion Ratio Lower Upper
152 100
150 156.9 124.9 187.3
115 61.0 54.1 81.1



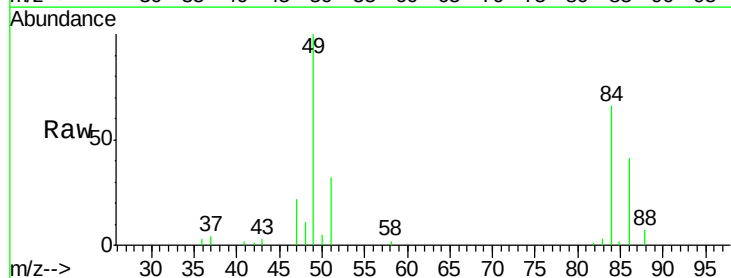
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



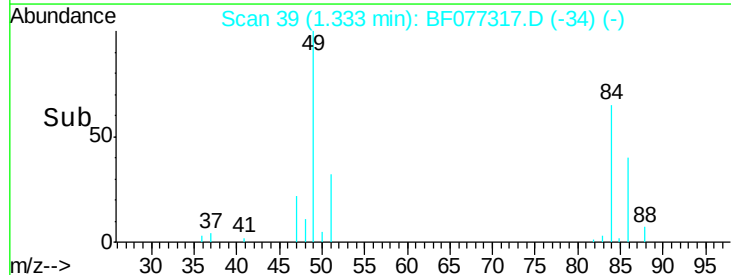
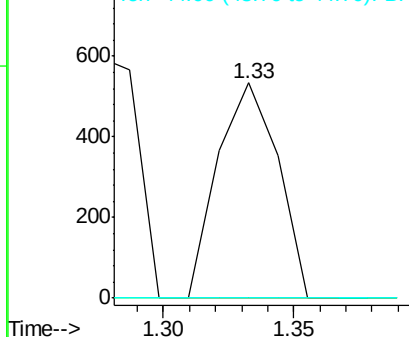
#4

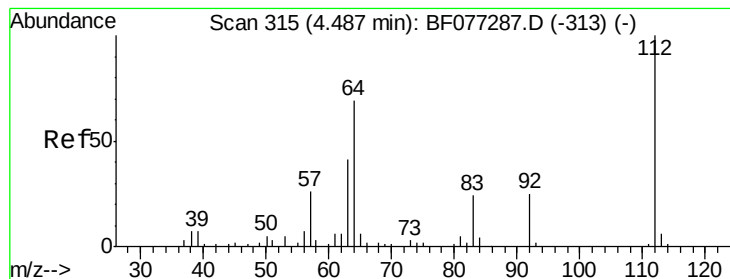
n-Nitrosodimethylamine
Concen: Below Cal
RT: 1.33 min Scan# 39
Delta R.T. -0.05 min
Lab File: BF077317.D
Acq: 13 Feb 2015 20:15

Tgt Ion: 42 Resp: 861
Ion Ratio Lower Upper
42 100
74 0.0 90.8 136.2#
44 0.0 5.8 8.6#



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: 108.74 ng

RT: 4.49 min Scan# 315

Delta R.T. 0.00 min

Lab File: BF077317.D

Acq: 13 Feb 2015 20:15

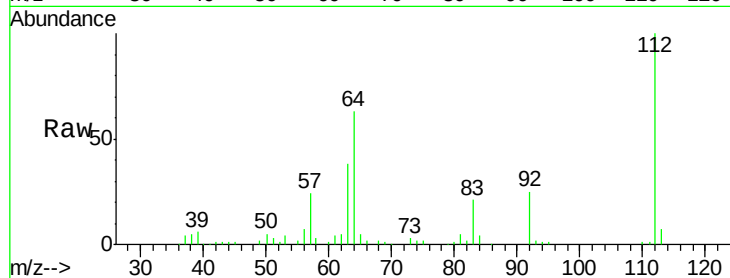
Instrument :

BNA_F

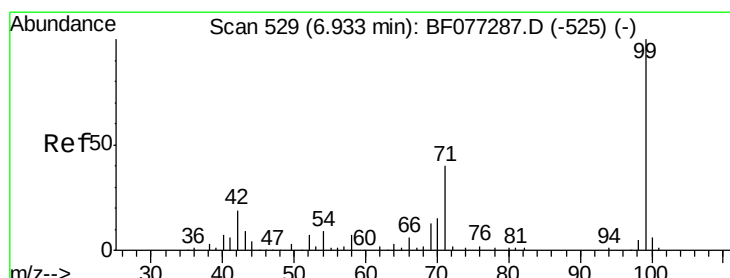
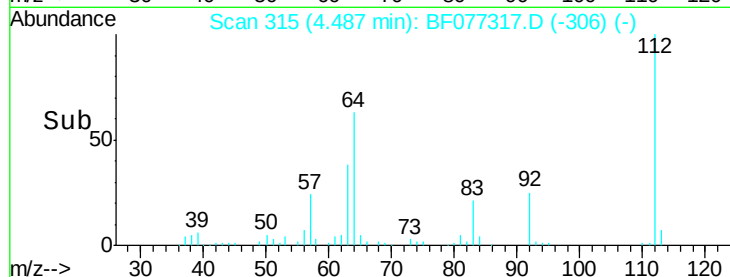
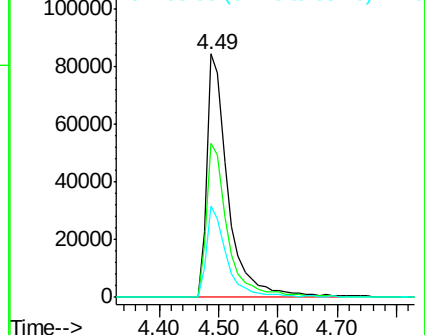
ClientSampleId :

115-00(0-2)

Tgt Ion:	112	Resp:	210216
Ion	Ratio	Lower	Upper
112	100		
64	63.4	55.0	82.4
63	37.7	33.0	49.6



Abundance Ion 112.00 (111.70 to 112.70): E



#7

Phenol-d6

Concen: 110.72 ng

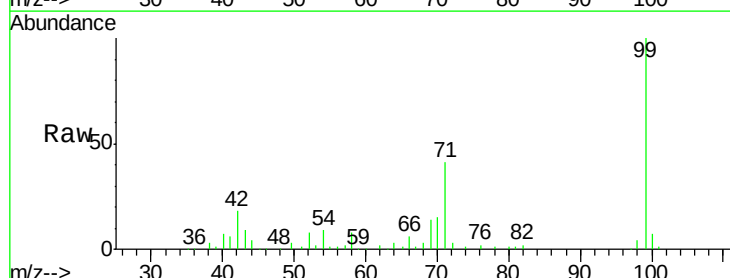
RT: 6.92 min Scan# 528

Delta R.T. -0.01 min

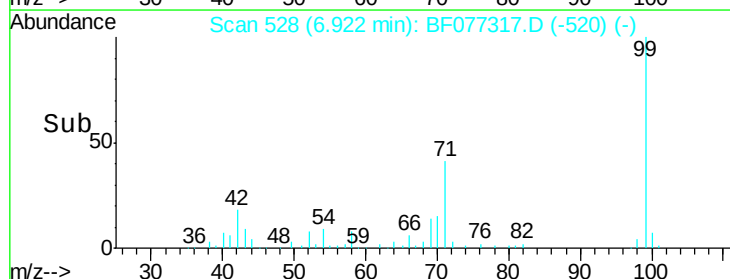
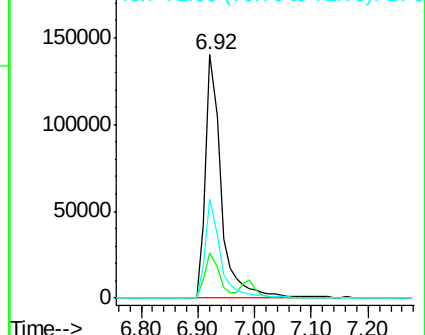
Lab File: BF077317.D

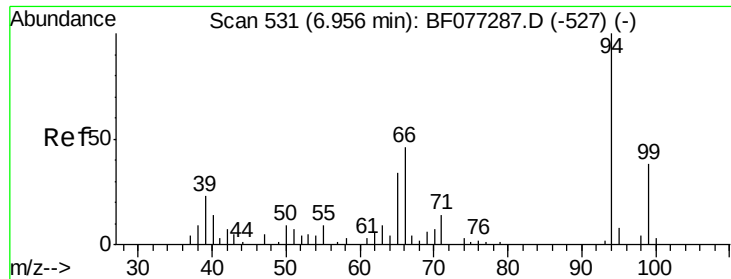
Acq: 13 Feb 2015 20:15

Tgt Ion:	99	Resp:	264403
Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.0	22.4
71	40.6	31.8	47.6



Abundance Ion 99.00 (98.70 to 99.70): BF0

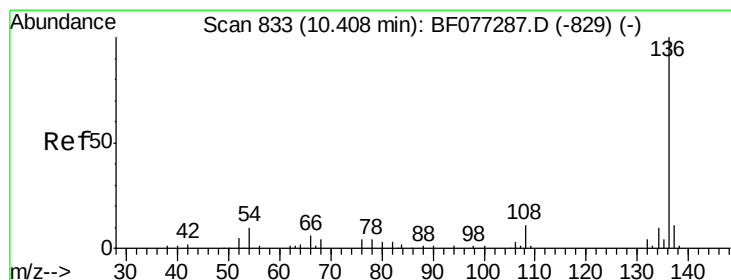
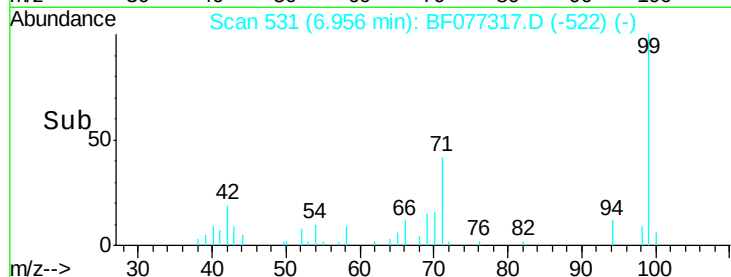
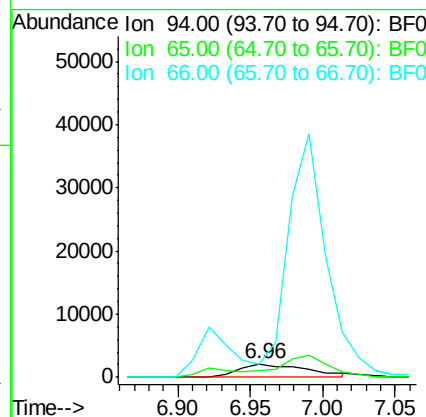
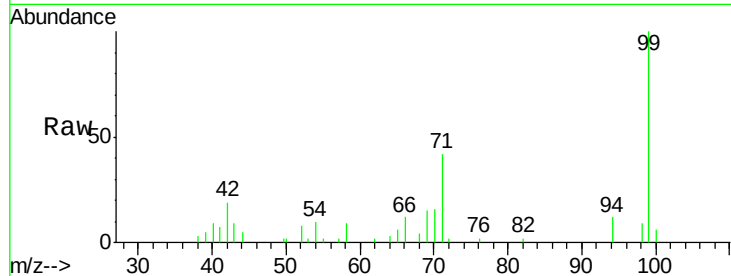




#10
Phenol
Concen: 2.74 ng
RT: 6.96 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF077317.D
Acq: 13 Feb 2015 20:15

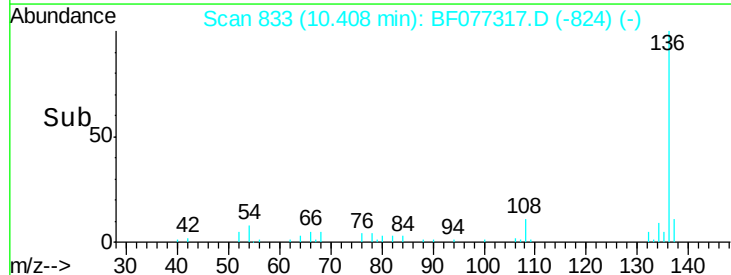
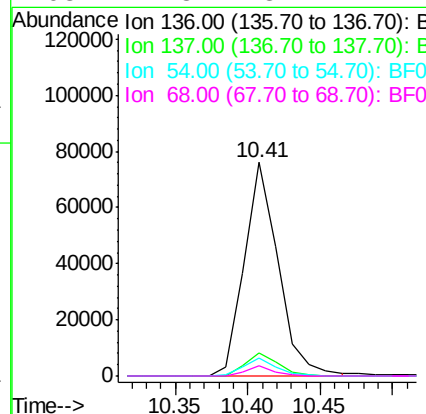
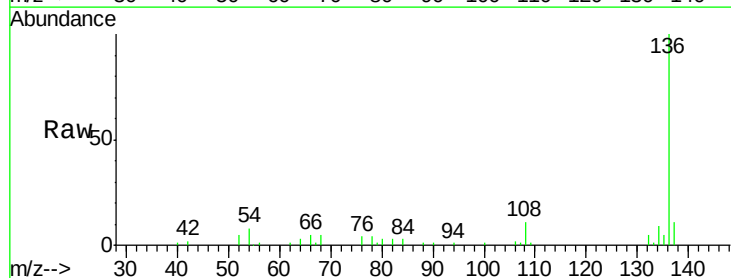
Instrument :
BNA_F
ClientSampleId :
115-00(0-2)

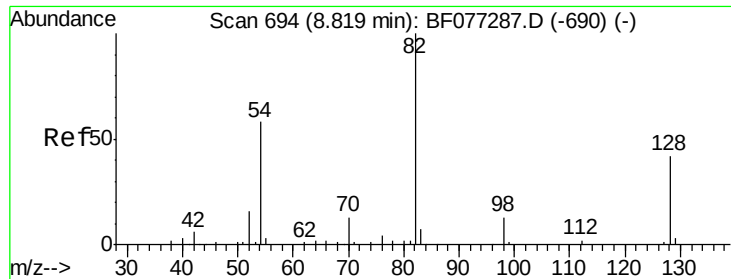
Tgt Ion: 94 Resp: 6731
Ion Ratio Lower Upper
94 100
65 47.7 14.2 54.2
66 95.8 25.7 65.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.41 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF077317.D
Acq: 13 Feb 2015 20:15

Tgt Ion: 136 Resp: 123322
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 8.2 8.2 12.2
68 4.8 3.1 4.7#

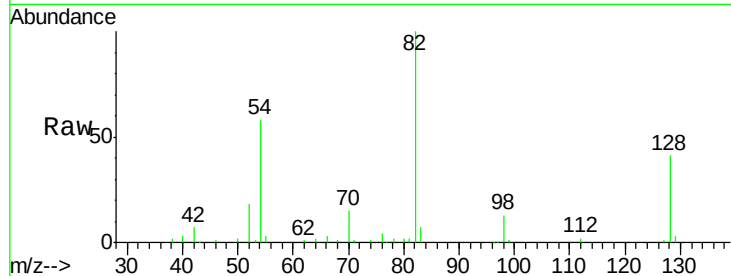




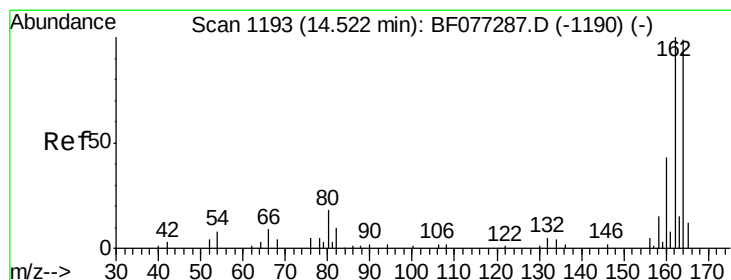
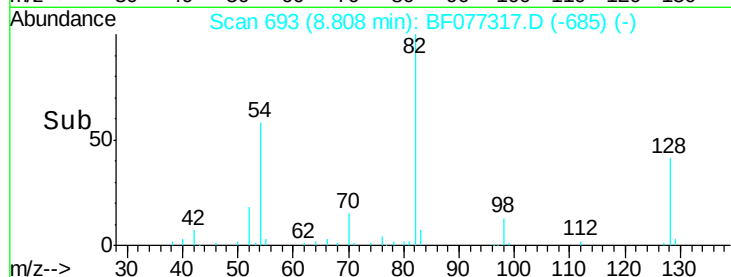
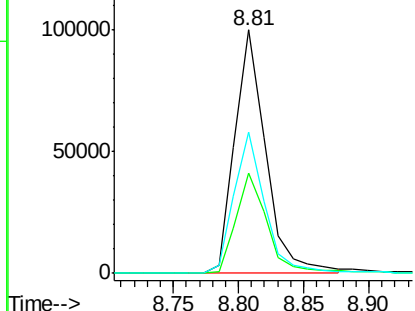
#23
 Nitrobenzene-d5
 Concen: 76.51 ng
 RT: 8.81 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF077317.D
 Acq: 13 Feb 2015 20:15

Instrument :
 BNA_F
 ClientSampleId :
 115-00(0-2)

Tgt Ion: 82 Resp: 165185
 Ion Ratio Lower Upper
 82 100
 128 41.2 33.6 50.4
 54 57.8 46.2 69.2

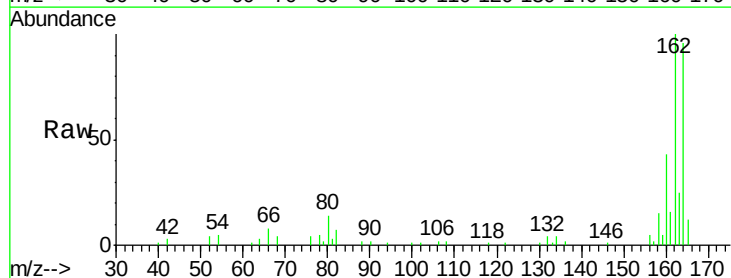


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

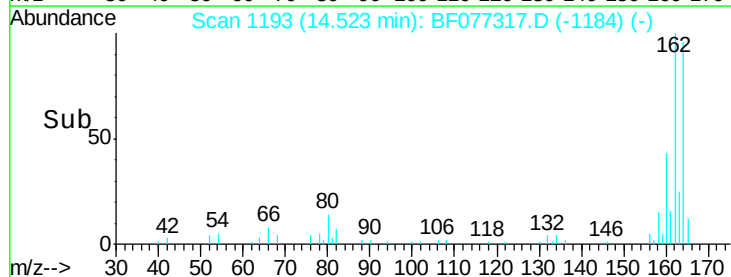
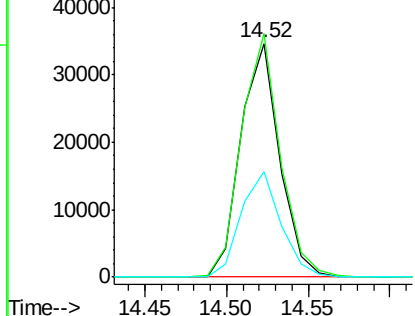


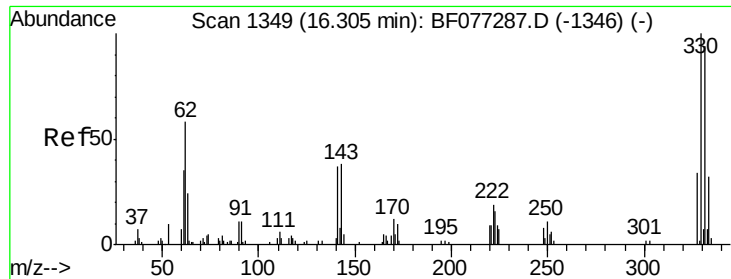
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.52 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BF077317.D
 Acq: 13 Feb 2015 20:15

Tgt Ion: 164 Resp: 57030
 Ion Ratio Lower Upper
 164 100
 162 104.2 81.0 121.4
 160 45.2 35.2 52.8



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

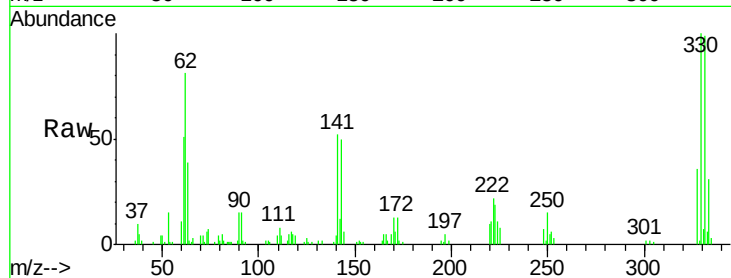




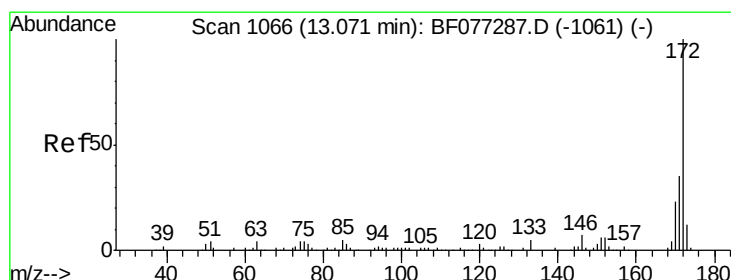
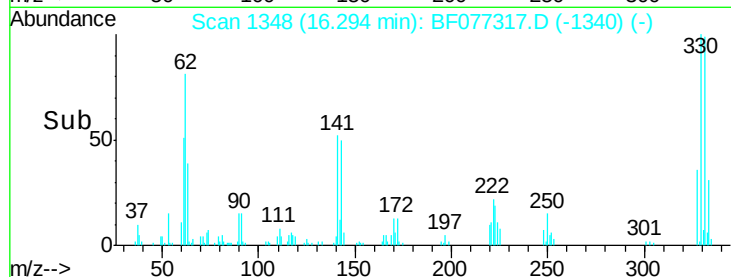
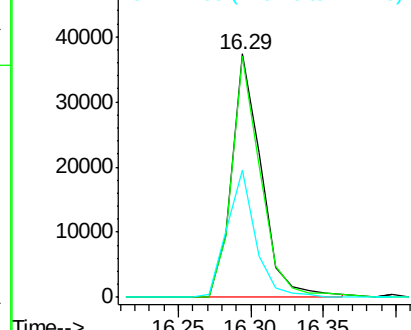
#41
 2,4,6-Tribromophenol
 Concen: 114.05 ng
 RT: 16.29 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF077317.D
 Acq: 13 Feb 2015 20:15

Instrument :
 BNA_F
 ClientSampleId :
 115-00(0-2)

Tgt Ion:330 Resp: 53040
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 50.4 0.0 0.0#

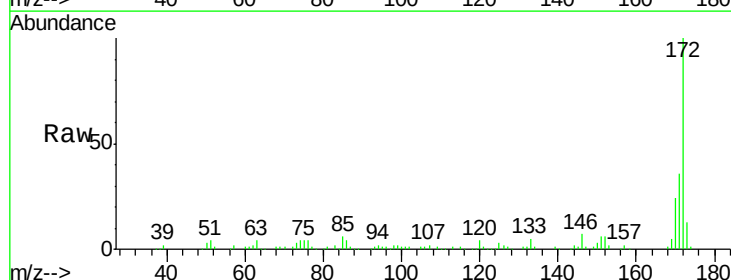


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

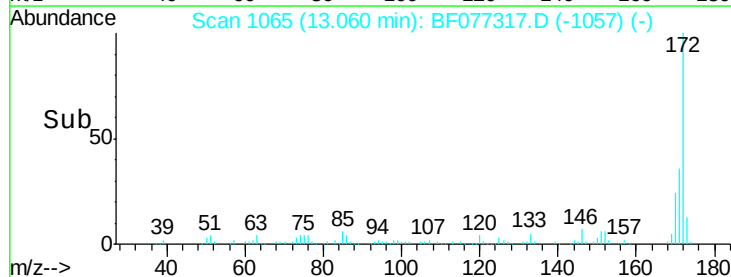
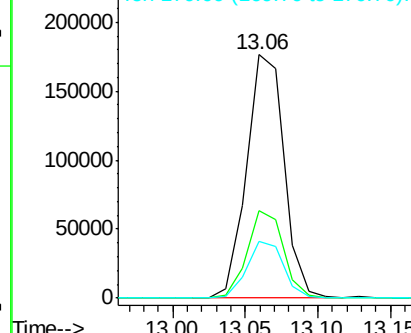


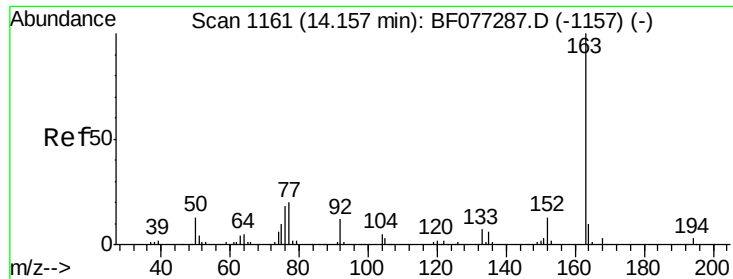
#44
 2-Fluorobiphenyl
 Concen: 83.79 ng
 RT: 13.06 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: BF077317.D
 Acq: 13 Feb 2015 20:15

Tgt Ion:172 Resp: 317486
 Ion Ratio Lower Upper
 172 100
 171 35.7 27.8 41.8
 170 23.5 18.3 27.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 6.76 ng

RT: 14.15 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF077317.D

Acq: 13 Feb 2015 20:15

Instrument :

BNA_F

ClientSampleId :

115-00(0-2)

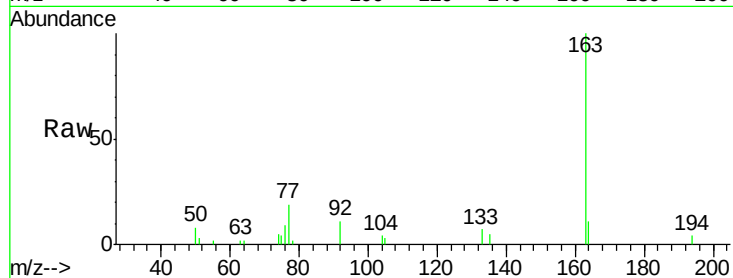
Tgt Ion: 163 Resp: 27900

Ion Ratio Lower Upper

163 100

194 3.8 2.3 3.5#

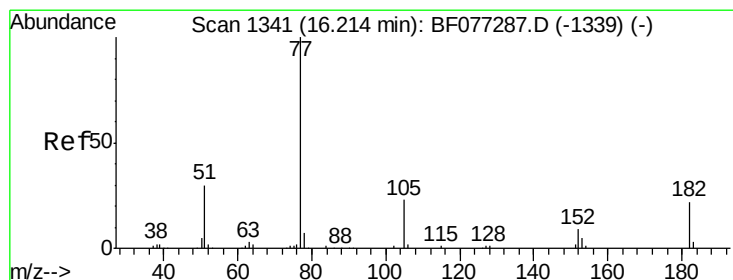
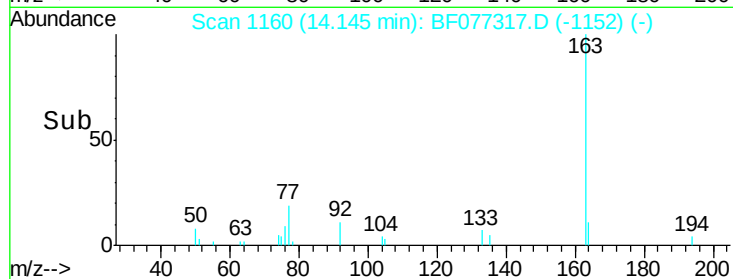
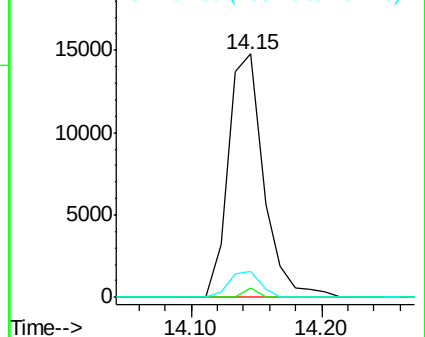
164 10.5 7.6 11.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#62

Azobenzene

Concen: 5.62 ng

RT: 16.24 min Scan# 1343

Delta R.T. 0.02 min

Lab File: BF077317.D

Acq: 13 Feb 2015 20:15

Tgt Ion: 77 Resp: 23030

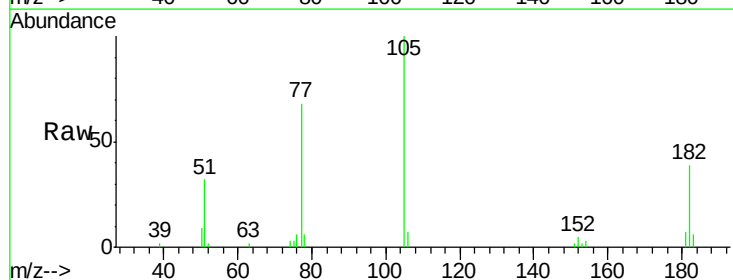
Ion Ratio Lower Upper

77 100

182 56.9 0.9 40.9#

105 147.0 2.2 42.2#

51 46.7 12.0 52.0

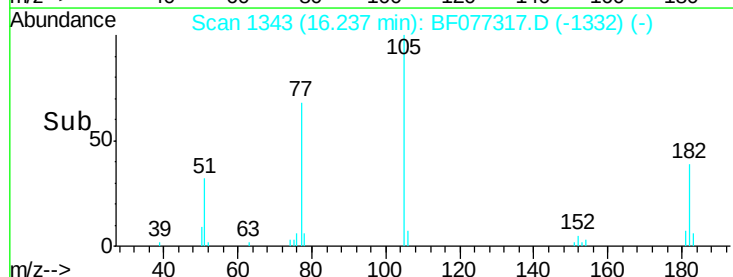
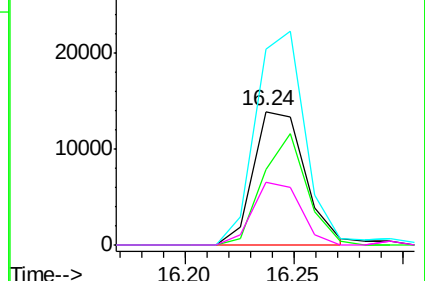


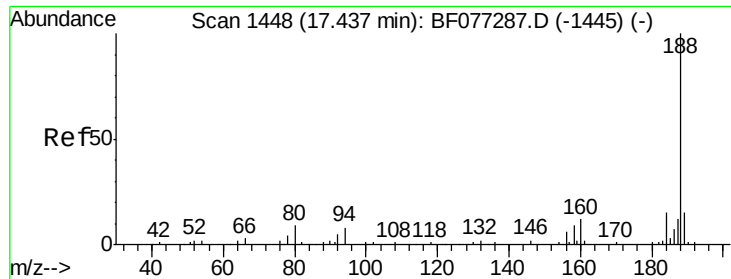
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

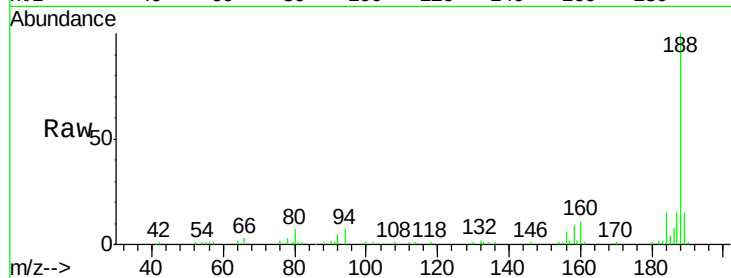




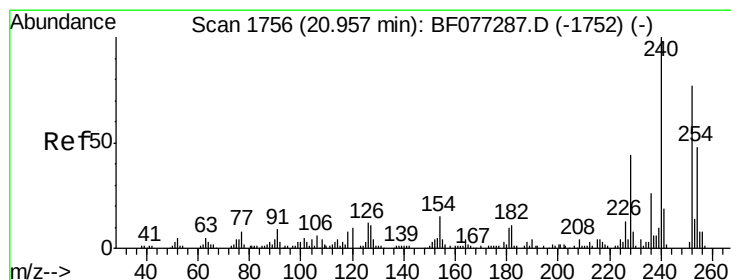
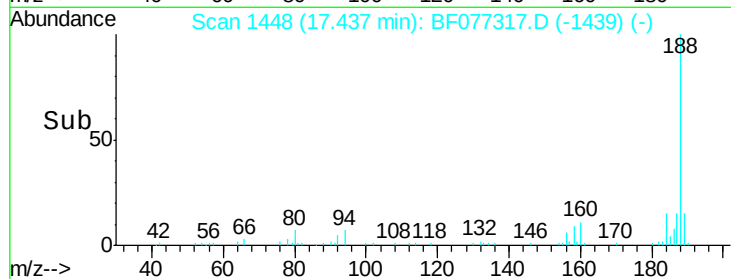
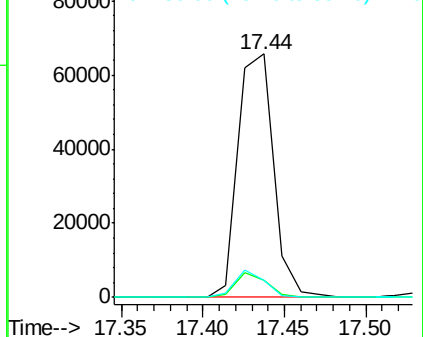
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.44 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF077317.D
Acq: 13 Feb 2015 20:15

Instrument :
BNA_F
ClientSampleId :
115-00(0-2)

Tgt Ion:188 Resp: 98855
Ion Ratio Lower Upper
188 100
94 6.9 6.5 9.7
80 7.8 7.1 10.7

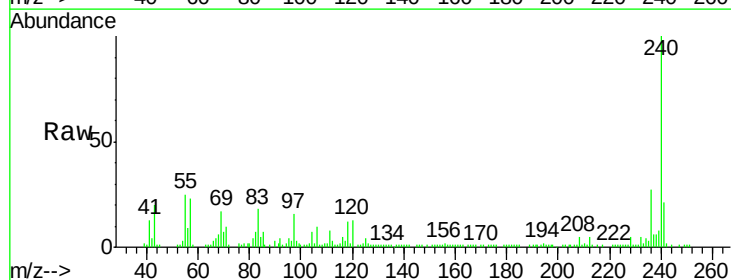


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

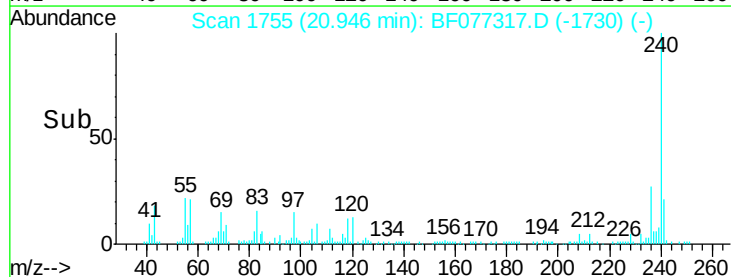
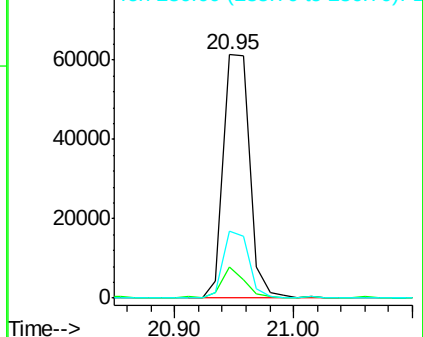


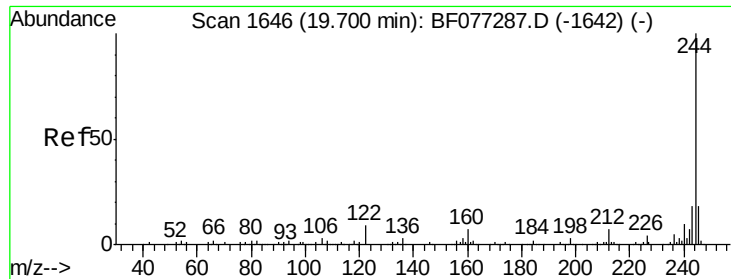
#75
Chrysene-d12
Concen: 20.00 ng
RT: 20.95 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF077317.D
Acq: 13 Feb 2015 20:15

Tgt Ion:240 Resp: 93633
Ion Ratio Lower Upper
240 100
120 12.7 7.8 11.8#
236 27.4 20.4 30.6



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

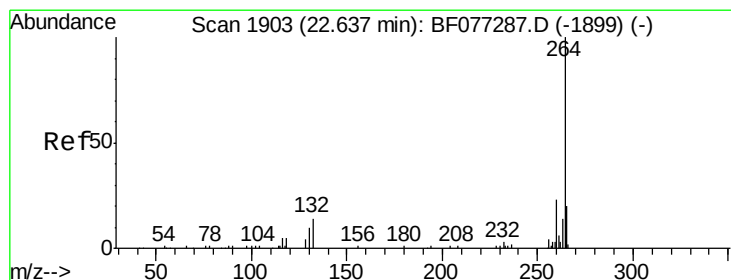
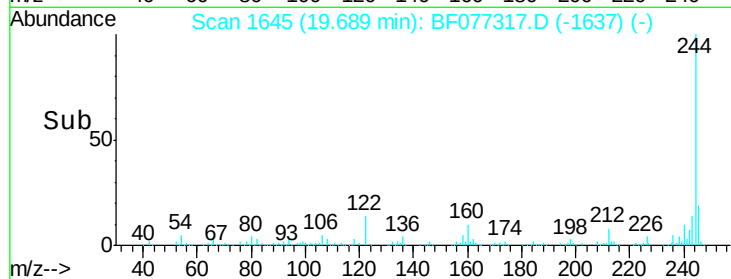
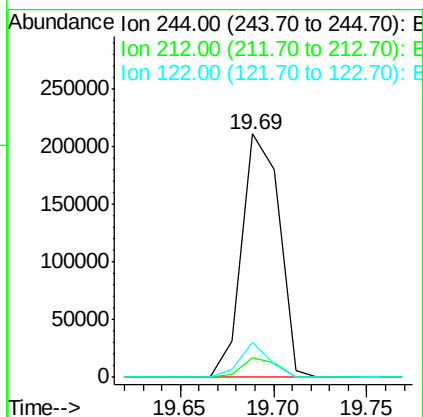
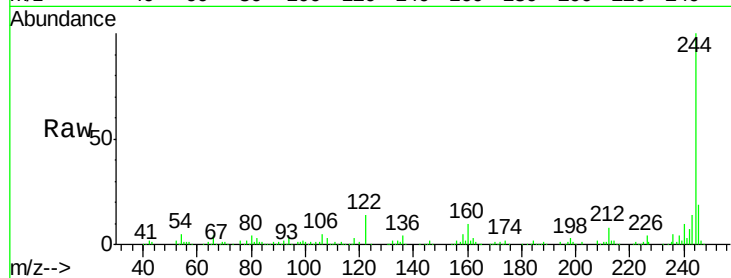




#78
 Terphenyl-d14
 Concen: 70.67 ng
 RT: 19.69 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BF077317.D
 Acq: 13 Feb 2015 20:15

Instrument :
 BNA_F
 ClientSampleId :
 115-00(0-2)

Tgt Ion:244 Resp: 294591
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.6 8.4
 122 14.1 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.59 min Scan# 1899
 Delta R.T. -0.05 min
 Lab File: BF077317.D
 Acq: 13 Feb 2015 20:15

Tgt Ion:264 Resp: 86923
 Ion Ratio Lower Upper
 264 100
 260 25.3 18.6 27.8
 265 21.4 16.2 24.2

