

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021215\
 Data File : BF077295.D
 Acq On : 12 Feb 2015 21:43
 Operator : TP/IZ
 Sample : G1272-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Feb 13 04:36:16 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 03:50:26 2015
 Response via : Initial Calibration

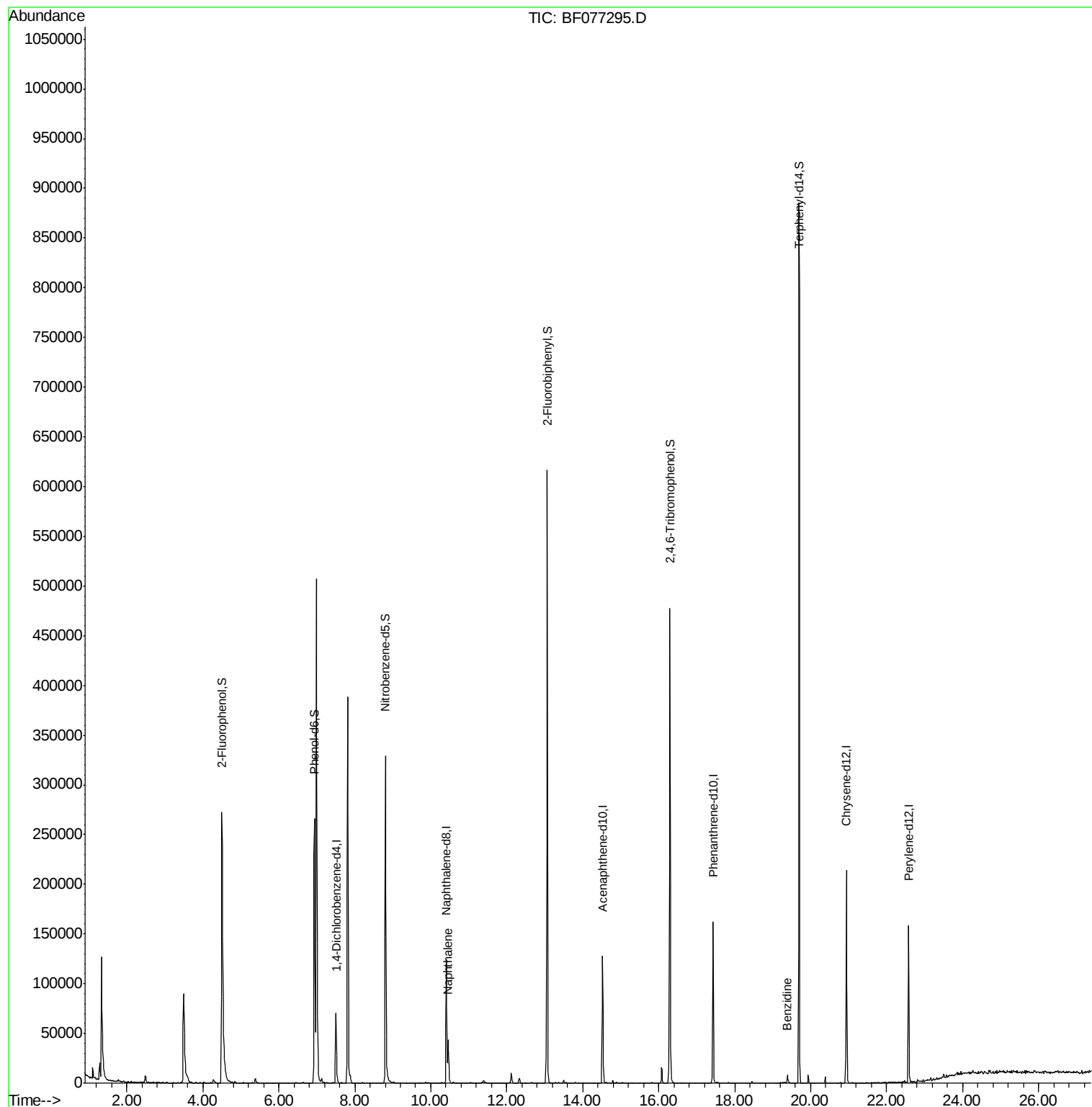
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	24890	20.00	ng	0.01
21) Naphthalene-d8	10.41	136	99754	20.00	ng	0.00
38) Acenaphthene-d10	14.52	164	48306	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	94072	20.00	ng	0.00
75) Chrysene-d12	20.95	240	95178	20.00	ng	-0.01
86) Perylene-d12	22.58	264	85012	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.50	112	195178	122.21	ng	0.01
7) Phenol-d6	6.93	99	212026	107.63	ng	0.00
23) Nitrobenzene-d5	8.81	82	178317	102.11	ng	-0.01
41) 2,4,6-Tribromophenol	16.29	330	72387	183.76	ng	-0.01
44) 2-Fluorobiphenyl	13.06	172	372068	115.93	ng	-0.01
78) Terphenyl-d14	19.70	244	424610	100.21	ng	0.00
Target Compounds						
4) n-Nitrosodimethylamine	1.33	42	1073	Below Cal		Qvalue # 1
31) Naphthalene	10.45	128	41725	8.47	ng	100
76) Benzidine	19.39	184	9010	2.34	ng	98

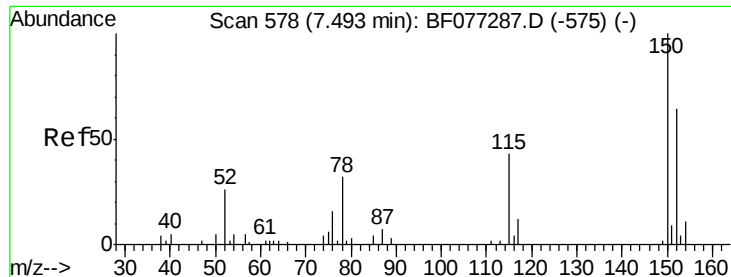
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.50 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF077295.D

Acq: 12 Feb 2015 21:43

Instrument :

BNA_F

ClientSampled :

WC-1

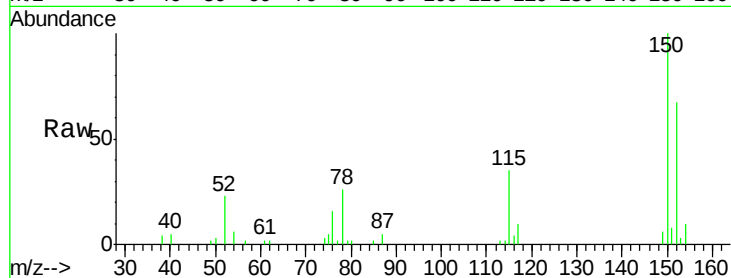
Tgt Ion:152 Resp: 24890

Ion Ratio Lower Upper

152 100

150 149.2 124.9 187.3

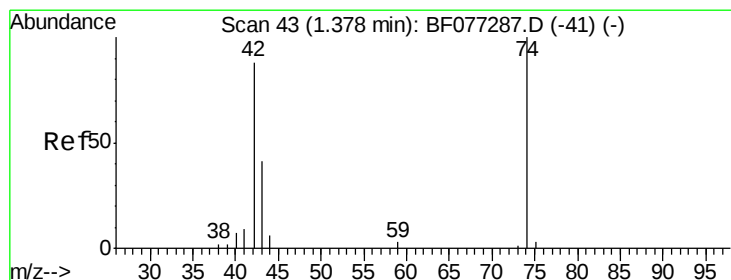
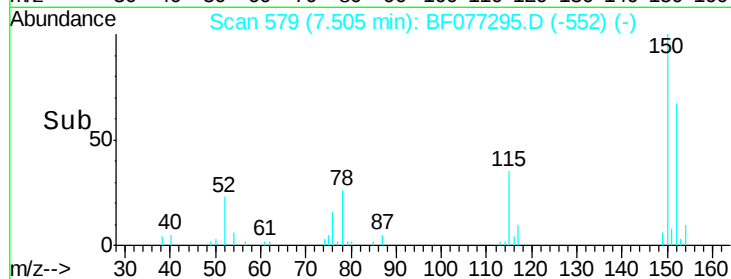
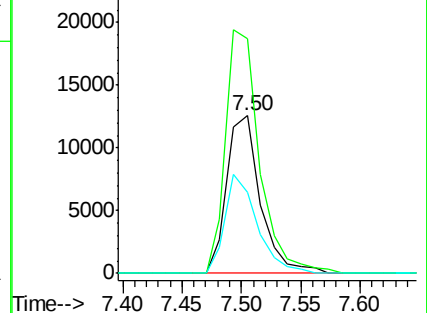
115 51.8 54.1 81.1#



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: BF077295.D

Acq: 12 Feb 2015 21:43

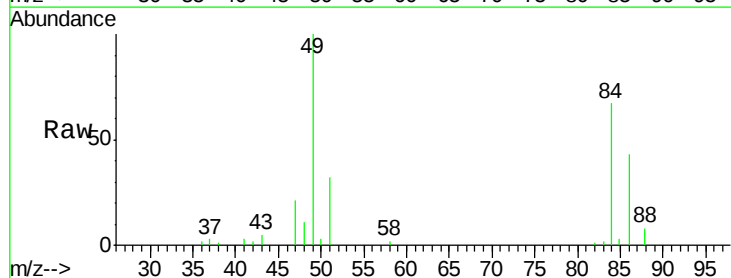
Tgt Ion: 42 Resp: 1073

Ion Ratio Lower Upper

42 100

74 0.0 90.8 136.2#

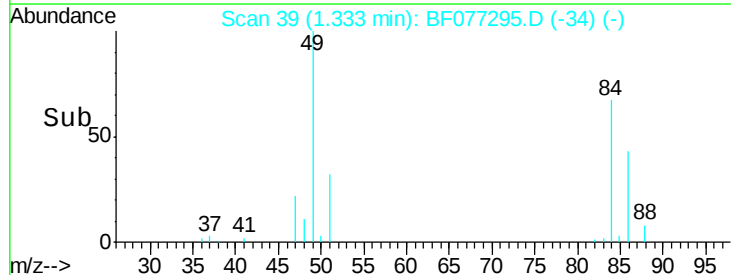
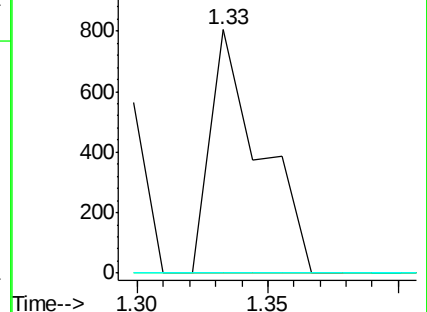
44 0.0 5.8 8.6#

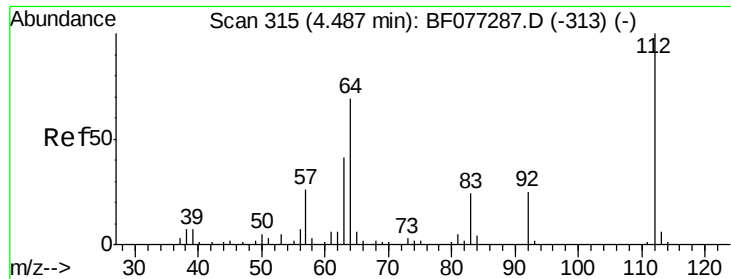


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 122.21 ng

RT: 4.50 min Scan# 316

Delta R.T. 0.01 min

Lab File: BF077295.D

Acq: 12 Feb 2015 21:43

Instrument :

BNA_F

ClientSampleId :

WC-1

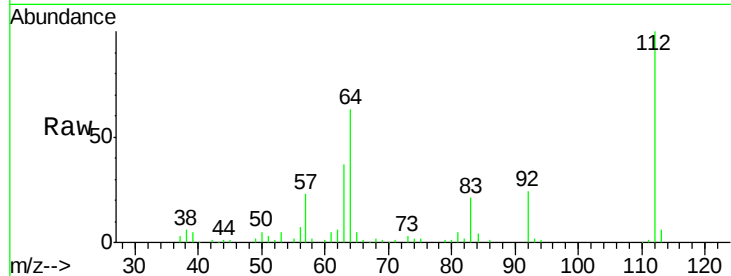
Tgt Ion: 112 Resp: 195178

Ion Ratio Lower Upper

112 100

64 62.7 55.0 82.4

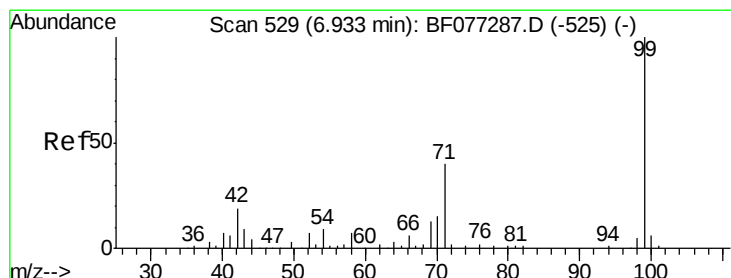
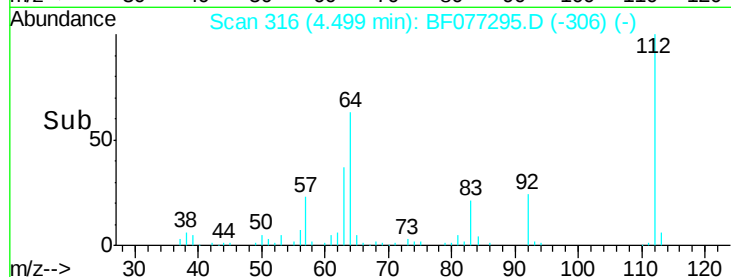
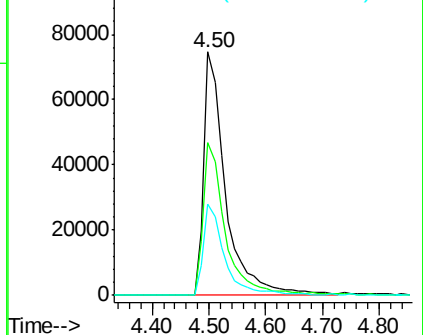
63 37.5 33.0 49.6



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: 107.63 ng

RT: 6.93 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF077295.D

Acq: 12 Feb 2015 21:43

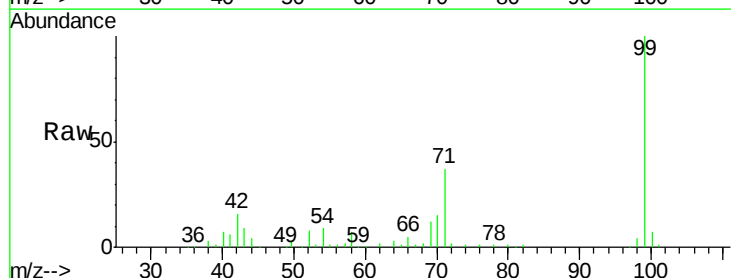
Tgt Ion: 99 Resp: 212026

Ion Ratio Lower Upper

99 100

42 16.5 15.0 22.4

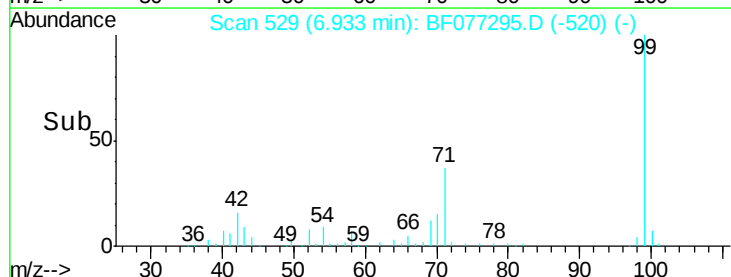
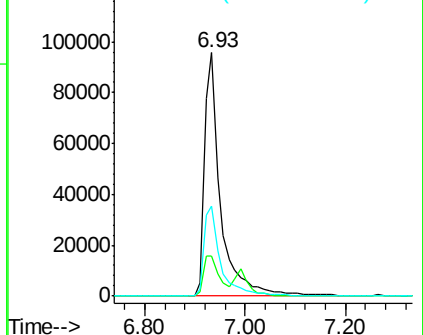
71 36.9 31.8 47.6

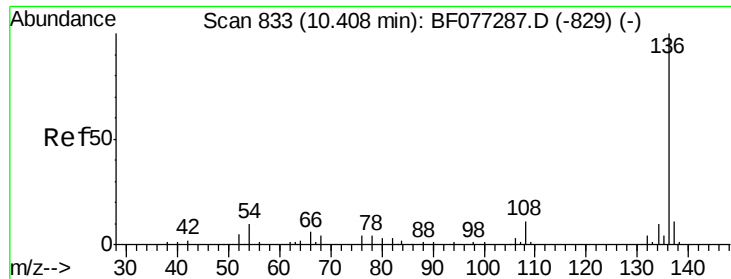


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

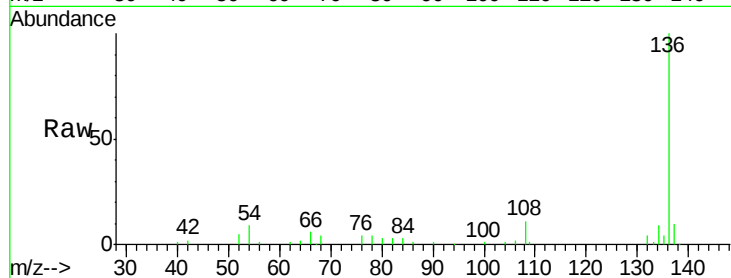




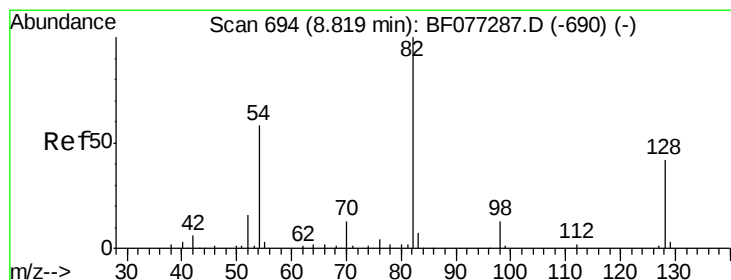
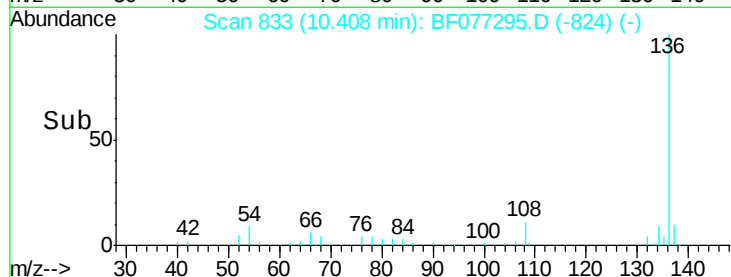
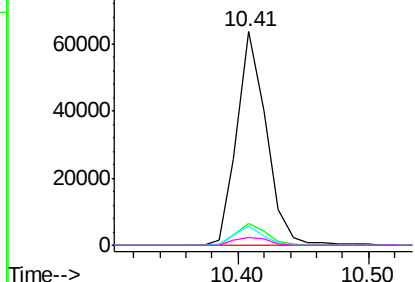
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.41 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF077295.D
Acq: 12 Feb 2015 21:43

Instrument :
BNA_F
ClientSampled :
WC-1

Tgt Ion:	136	Resp:	99754
Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.7	13.1
54	9.3	8.2	12.2
68	3.7	3.1	4.7

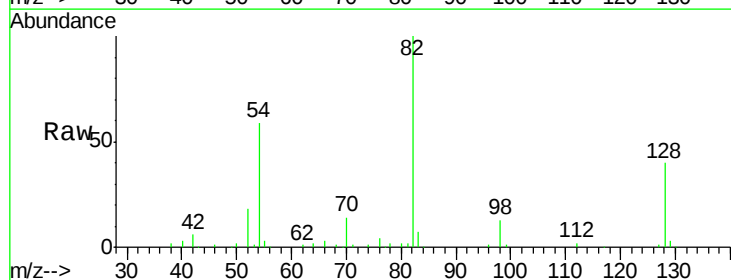


Abundance Ion 136.00 (135.70 to 136.70): E
100000
Ion 137.00 (136.70 to 137.70): E
80000
Ion 54.00 (53.70 to 54.70): BF0
60000
Ion 68.00 (67.70 to 68.70): BF0
40000
20000
0

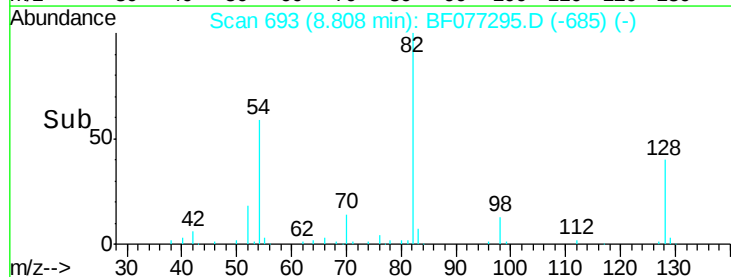
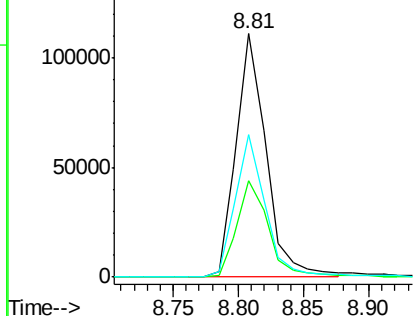


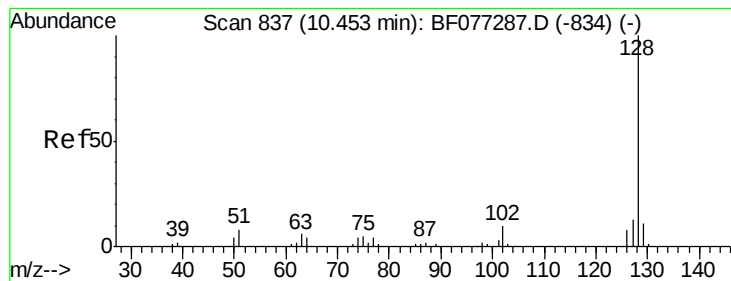
#23
Nitrobenzene-d5
Concen: 102.11 ng
RT: 8.81 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF077295.D
Acq: 12 Feb 2015 21:43

Tgt Ion:	82	Resp:	178317
Ion	Ratio	Lower	Upper
82	100		
128	39.7	33.6	50.4
54	58.6	46.2	69.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
150000
Ion 128.00 (127.70 to 128.70): E
100000
Ion 54.00 (53.70 to 54.70): BF0
50000
0





#31

Naphthalene

Concen: 8.47 ng

RT: 10.45 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF077295.D

Acq: 12 Feb 2015 21:43

Instrument :

BNA_F

ClientSampleId :

WC-1

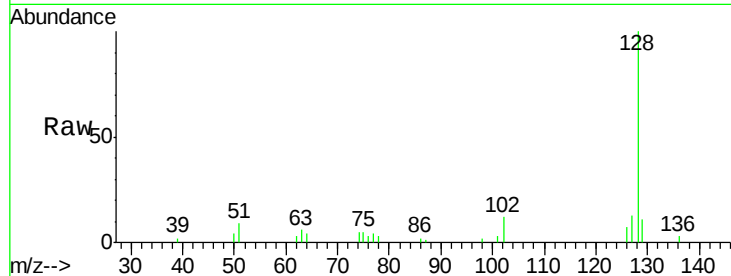
Tgt Ion:128 Resp: 41725

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

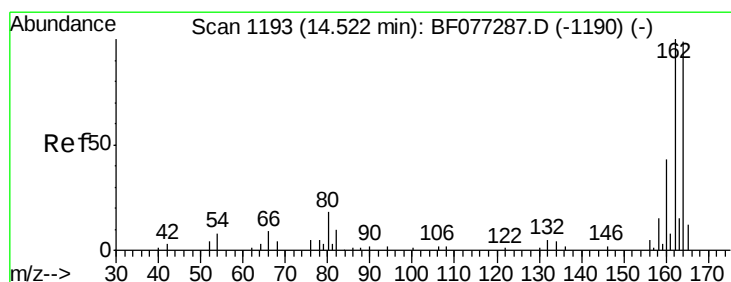
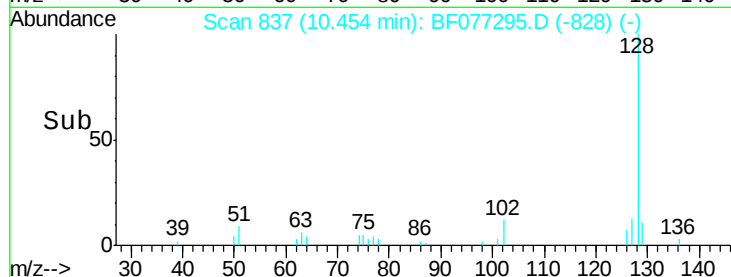
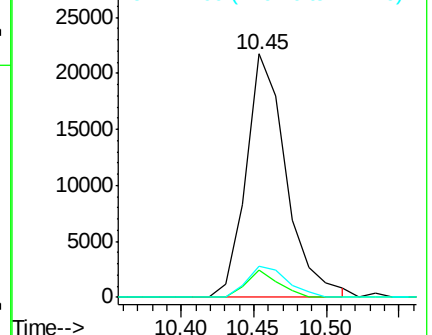
127 12.7 10.4 15.6



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: 14.52 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BF077295.D

Acq: 12 Feb 2015 21:43

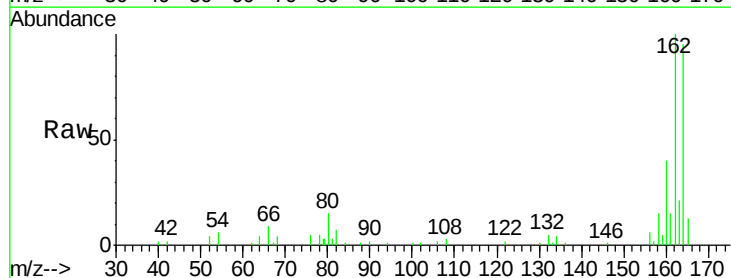
Tgt Ion:164 Resp: 48306

Ion Ratio Lower Upper

164 100

162 105.1 81.0 121.4

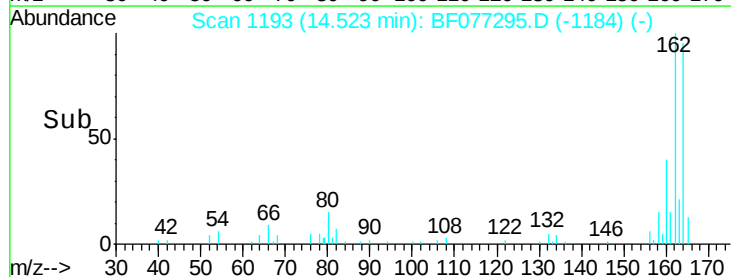
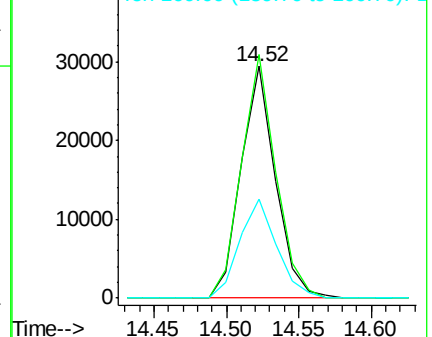
160 42.5 35.2 52.8

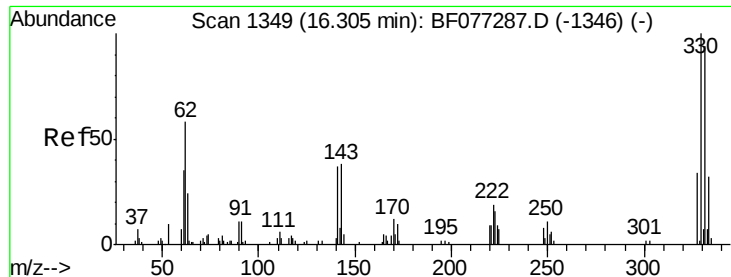


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

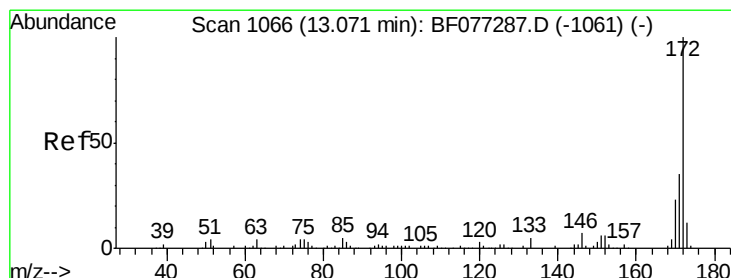
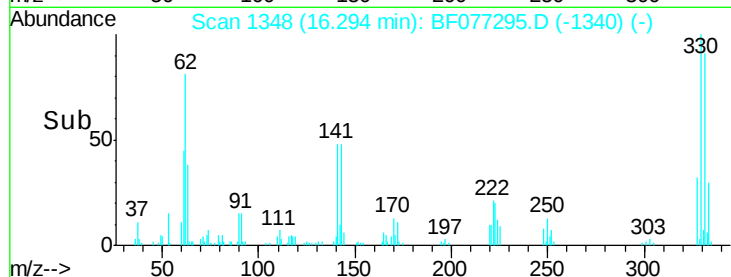
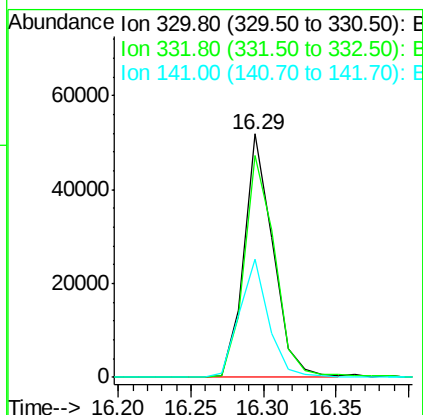
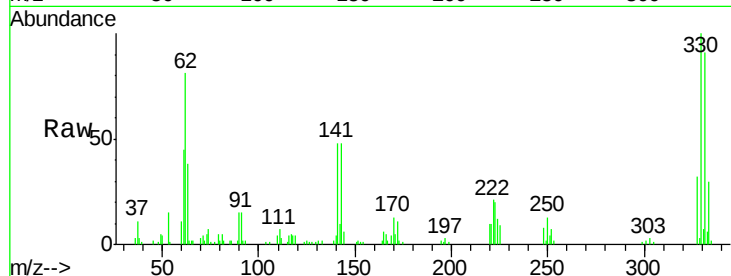




#41
 2,4,6-Tribromophenol
 Concen: 183.76 ng
 RT: 16.29 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF077295.D
 Acq: 12 Feb 2015 21:43

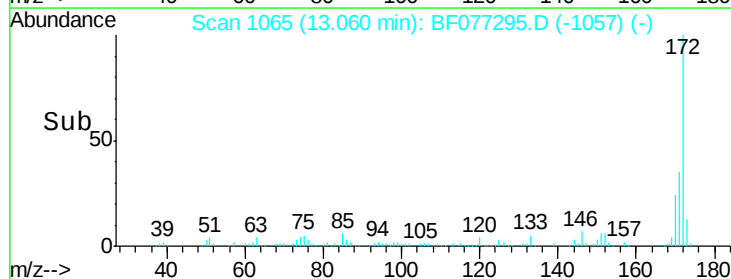
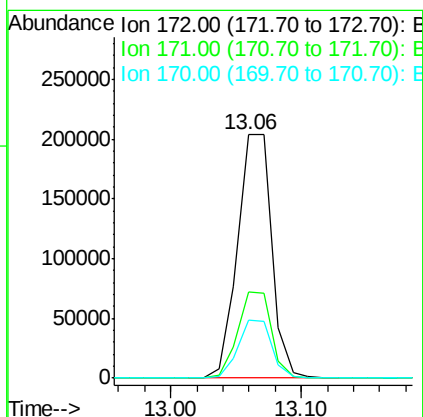
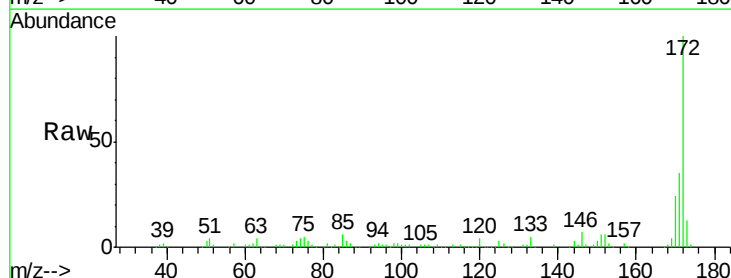
Instrument :
 BNA_F
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 WC-1

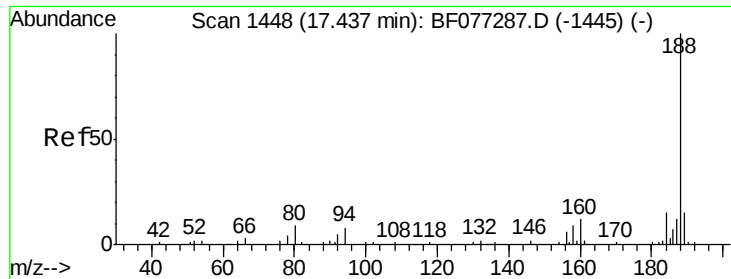
Tgt Ion:330 Resp: 72387
 Ion Ratio Lower Upper
 330 100
 332 96.0 0.0 0.0#
 141 48.7 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 115.93 ng
 RT: 13.06 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: BF077295.D
 Acq: 12 Feb 2015 21:43

Tgt Ion:172 Resp: 372068
 Ion Ratio Lower Upper
 172 100
 171 35.2 27.8 41.8
 170 23.6 18.3 27.5

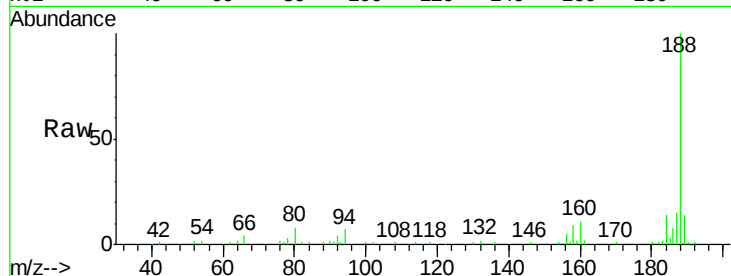




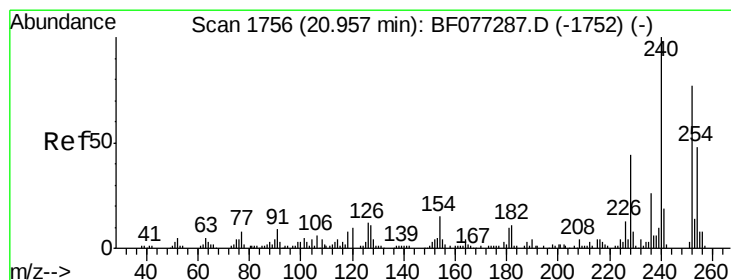
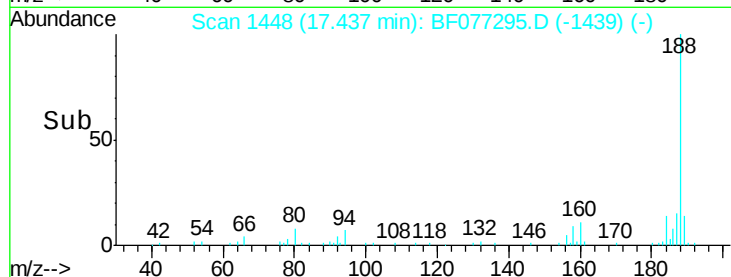
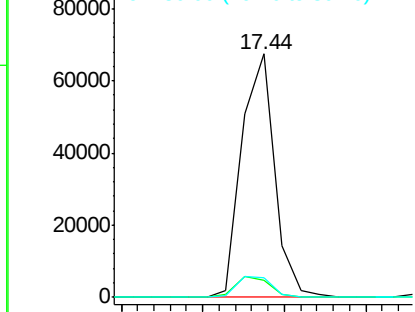
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.44 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF077295.D
Acq: 12 Feb 2015 21:43

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:188 Resp: 94072
Ion Ratio Lower Upper
188 100
94 7.1 6.5 9.7
80 7.8 7.1 10.7

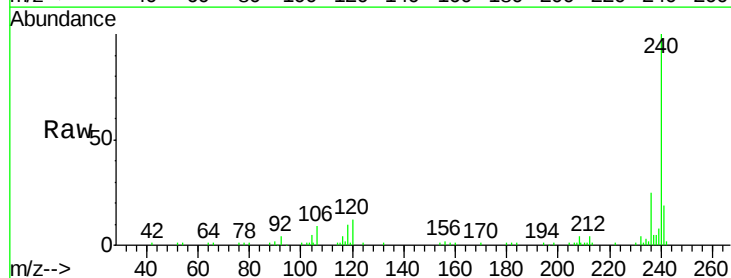


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

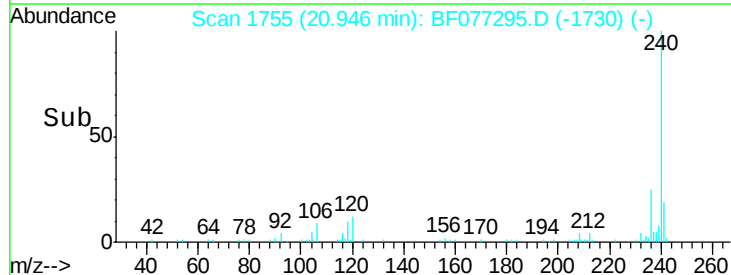
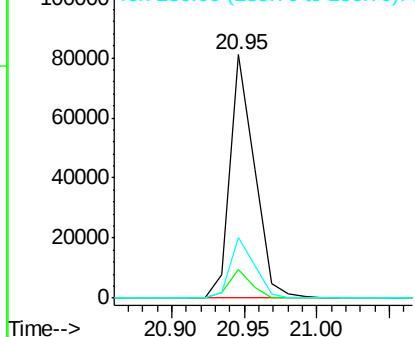


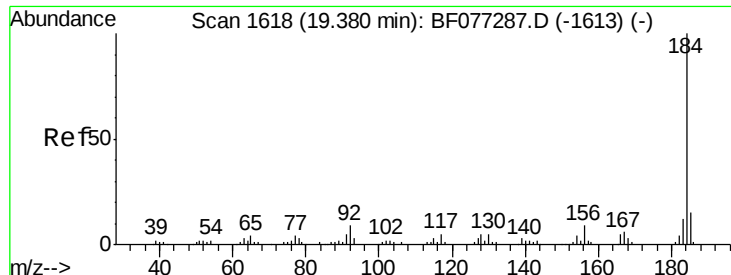
#75
Chrysene-d12
Concen: 20.00 ng
RT: 20.95 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF077295.D
Acq: 12 Feb 2015 21:43

Tgt Ion:240 Resp: 95178
Ion Ratio Lower Upper
240 100
120 11.9 7.8 11.8#
236 25.0 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

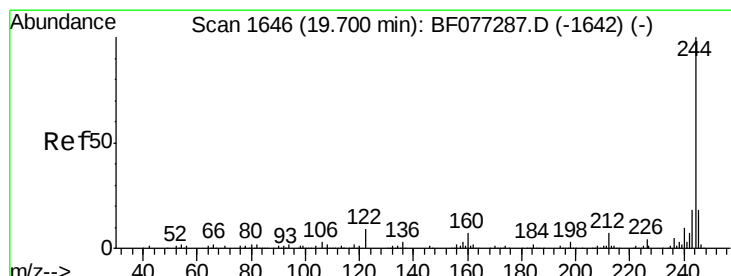
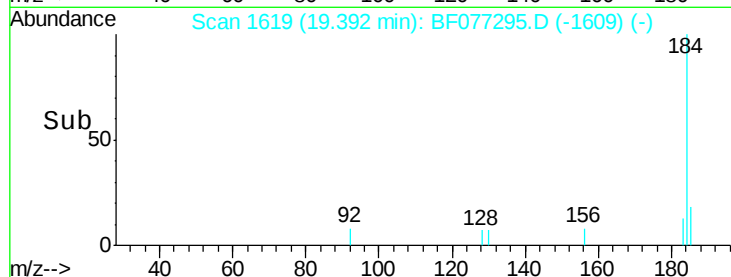
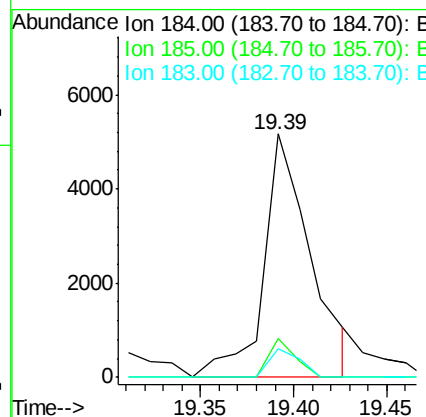
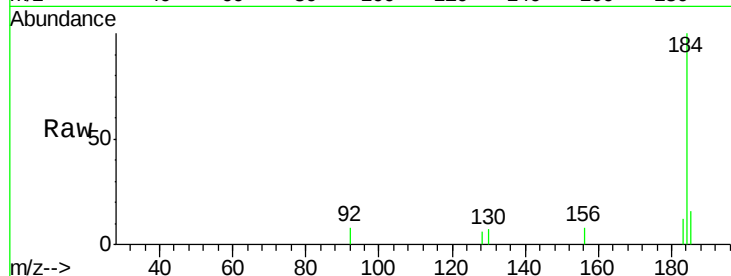




#76
Benzidine
Concen: 2.34 ng
RT: 19.39 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BF077295.D
Acq: 12 Feb 2015 21:43

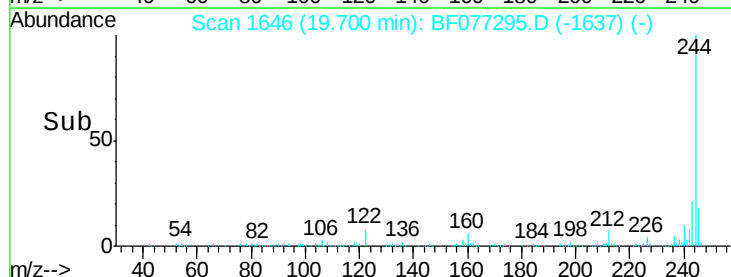
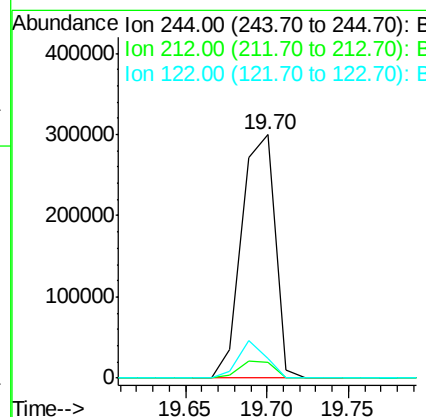
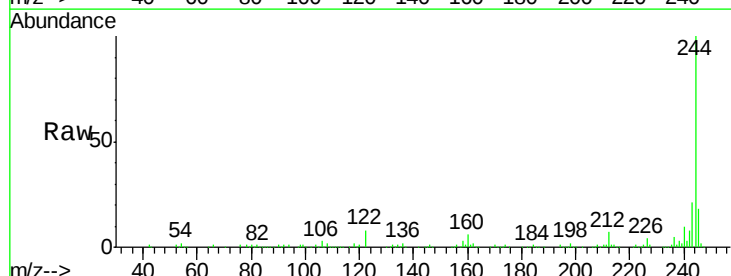
Instrument :
BNA_F
ClientSampleId :
WC-1

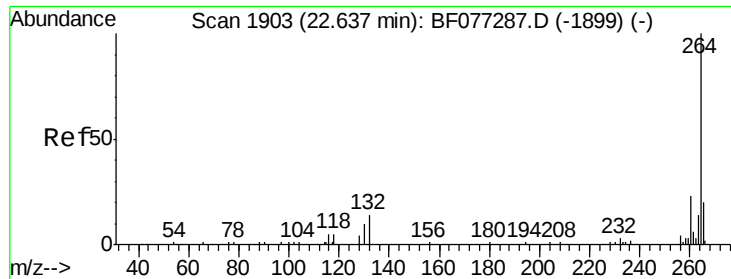
Tgt Ion:184 Resp: 9010
Ion Ratio Lower Upper
184 100
185 16.2 11.8 17.6
183 11.5 9.3 13.9



#78
Terphenyl-d14
Concen: 100.21 ng
RT: 19.70 min Scan# 1646
Delta R.T. 0.00 min
Lab File: BF077295.D
Acq: 12 Feb 2015 21:43

Tgt Ion:244 Resp: 424610
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 7.9 7.0 10.4

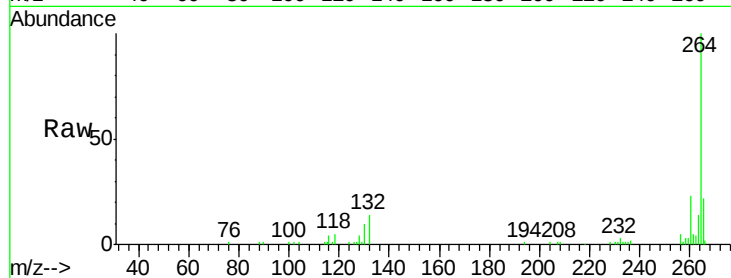




#86
Perylene-d12
Concen: 20.00 ng
RT: 22.58 min Scan# 1898
Delta R.T. -0.06 min
Lab File: BF077295.D
Acq: 12 Feb 2015 21:43

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion: 264 Resp: 85012
Ion Ratio Lower Upper
264 100
260 23.2 18.6 27.8
265 22.0 16.2 24.2



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

