

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042115\
 Data File : BF078717.D
 Acq On : 22 Apr 2015 10:48
 Operator : TP/IZ
 Sample : G1937-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-72

Quant Time: Apr 22 12:42:16 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 16:32:38 2015
 Response via : Initial Calibration

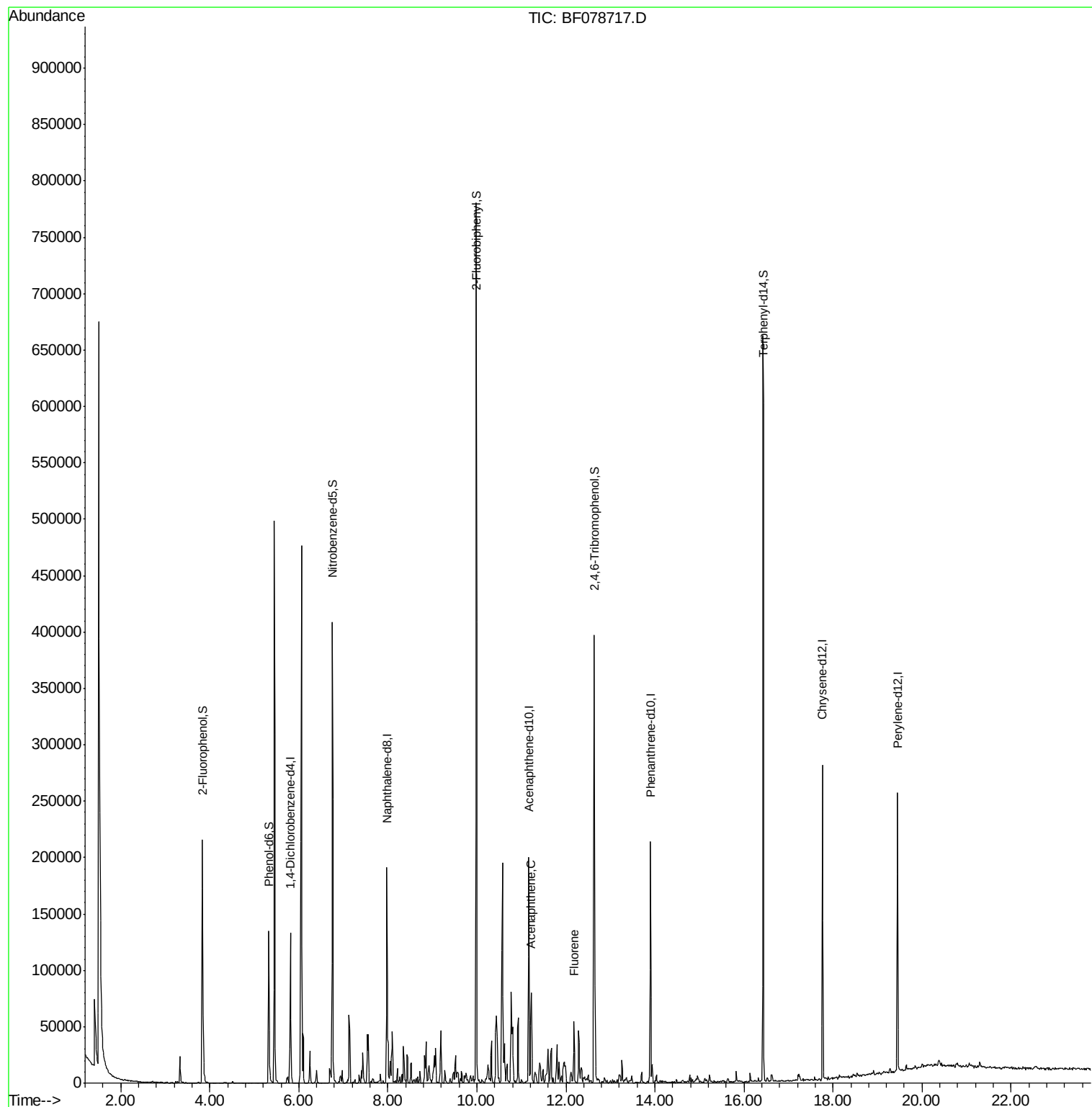
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.82	152	28003	20.00	ng	-0.05
21) Naphthalene-d8	7.98	136	113238	20.00	ng	-0.05
38) Acenaphthene-d10	11.16	164	58108	20.00	ng	-0.05
63) Phenanthrene-d10	13.90	188	114162	20.00	ng	-0.05
75) Chrysene-d12	17.76	240	124872	20.00	ng	-0.05
86) Perylene-d12	19.45	264	123321	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	3.84	112	102637	60.43	ng	-0.03
7) Phenol-d6	5.32	99	81998	38.52	ng	-0.03
23) Nitrobenzene-d5	6.75	82	160489	85.91	ng	-0.05
41) 2,4,6-Tribromophenol	12.64	330	71592	148.55	ng	-0.05
44) 2-Fluorobiphenyl	9.99	172	354308	87.16	ng	-0.05
78) Terphenyl-d14	16.43	244	333758	60.40	ng	-0.03
Target Compounds						Qvalue
51) Acenaphthene	11.22	154	25279	7.44	ng	97
57) Fluorene	12.18	166	19150	4.55	ng	95

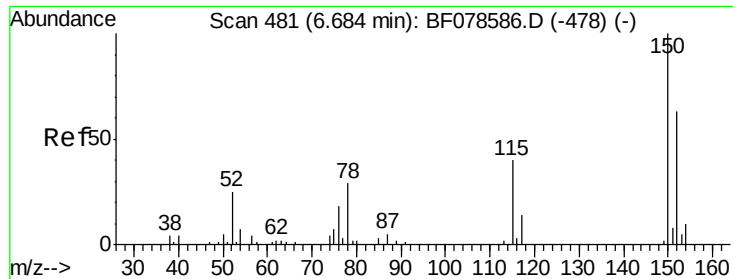
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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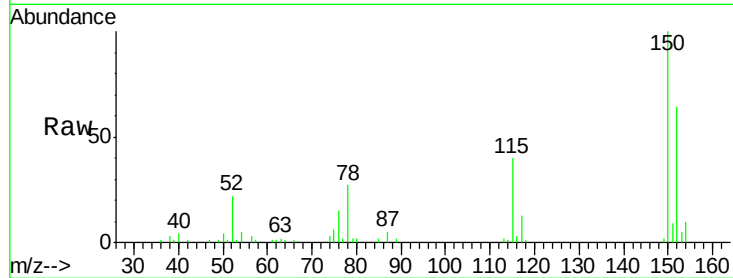


#1

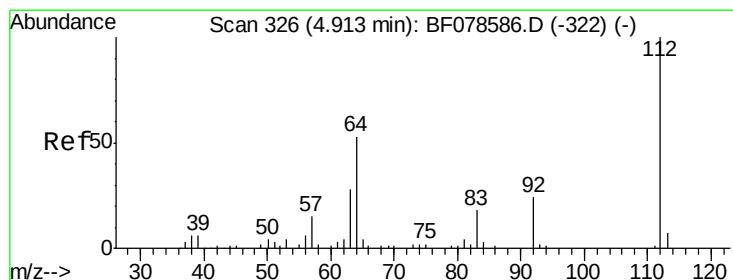
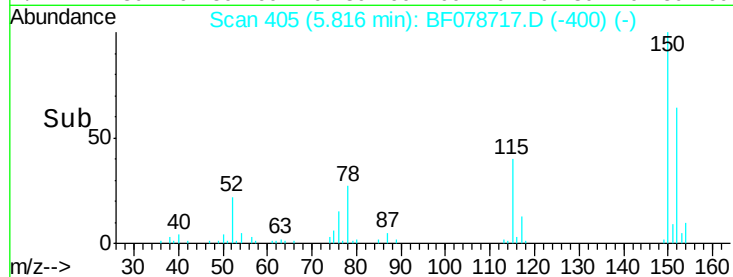
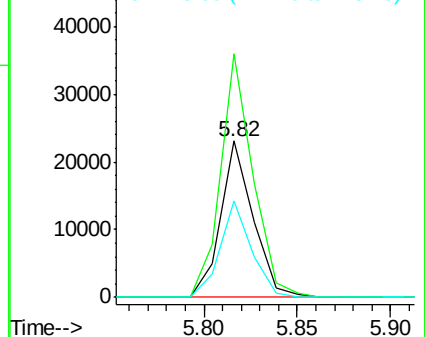
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.82 min Scan# 405
Delta R.T. -0.05 min
Lab File: BF078717.D
Acq: 22 Apr 2015 10:48

Instrument :
BNA_F
ClientSampleId :
MW-72

Tot Ion:152 Resp: 28003
Ion Ratio Lower Upper
152 100
150 155.7 125.9 188.9
115 61.9 52.7 79.1



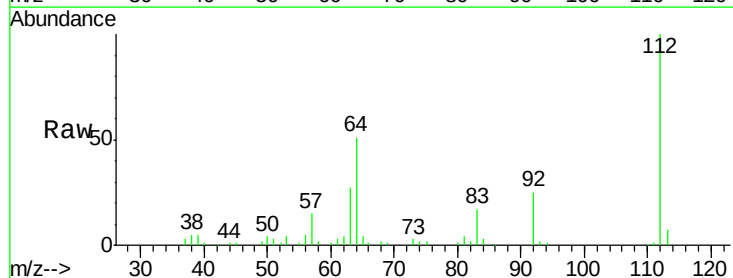
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



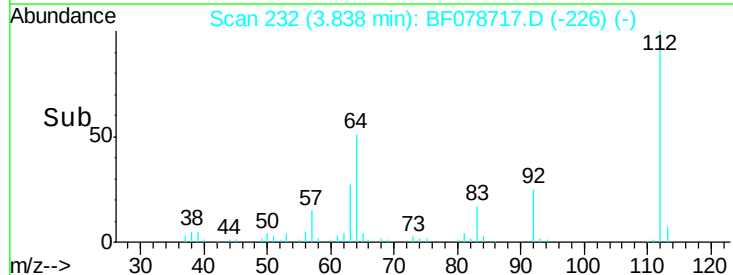
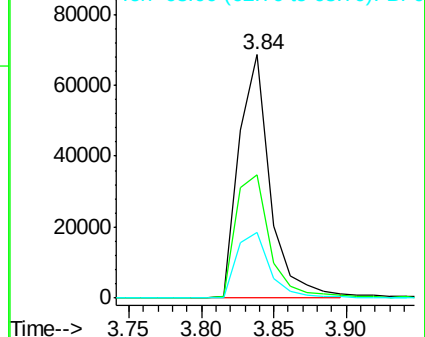
#5

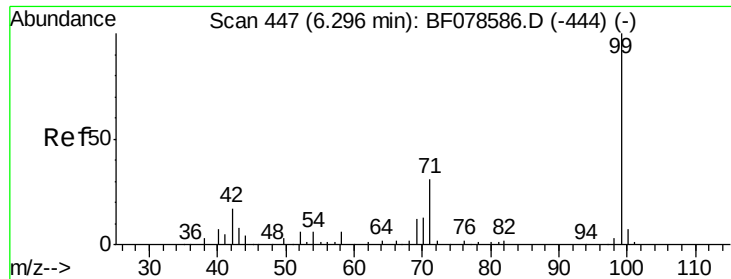
2-Fluorophenol
Concen: 60.43 ng
RT: 3.84 min Scan# 232
Delta R.T. -0.03 min
Lab File: BF078717.D
Acq: 22 Apr 2015 10:48

Tgt Ion:112 Resp: 102637
Ion Ratio Lower Upper
112 100
64 50.9 39.9 59.9
63 27.1 20.2 30.4



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: 38.52 ng

RT: 5.32 min Scan# 362

Delta R.T. -0.03 min

Lab File: BF078717.D

Acq: 22 Apr 2015 10:48

Instrument :

BNA_F

ClientSampleId :

MW-72

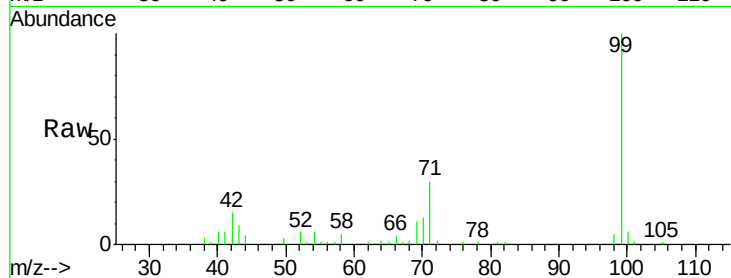
Tot Ion: 99 Resp: 81998

Ion Ratio Lower Upper

99 100

42 14.8 14.8 22.2

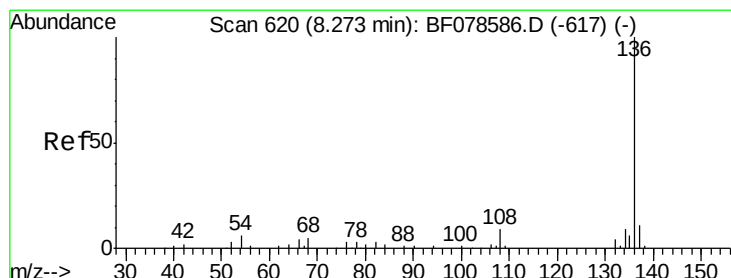
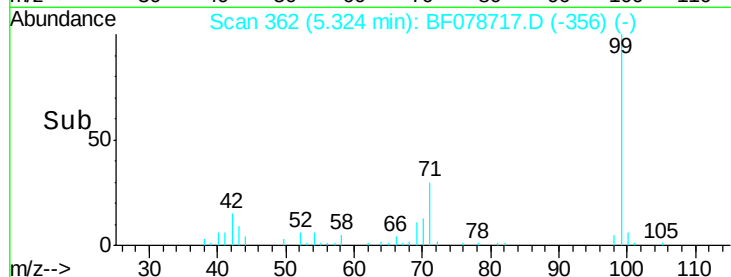
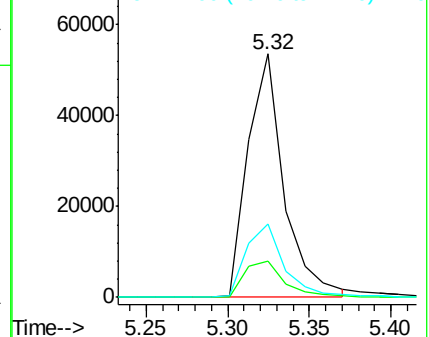
71 30.1 26.6 39.8



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: 7.98 min Scan# 594

Delta R.T. -0.05 min

Lab File: BF078717.D

Acq: 22 Apr 2015 10:48

Tgt Ion: 136 Resp: 113238

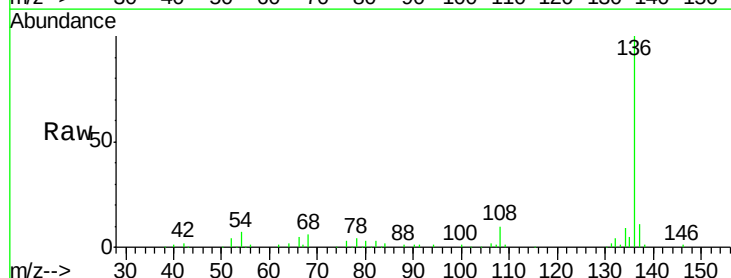
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.4

54 7.1 7.0 10.6

68 5.6 5.4 8.2

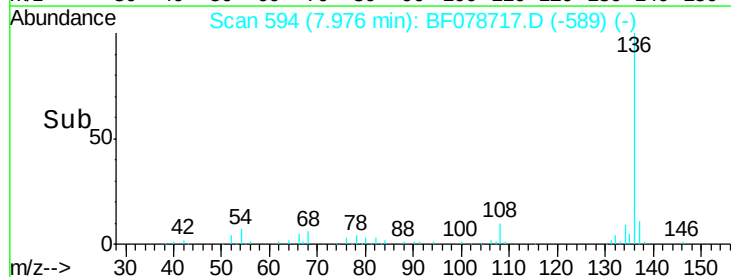
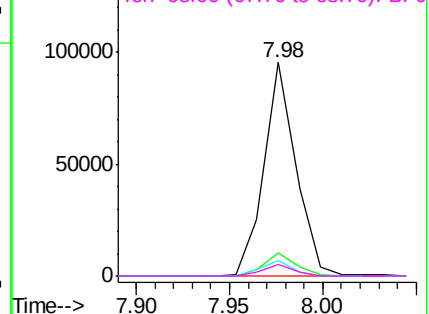


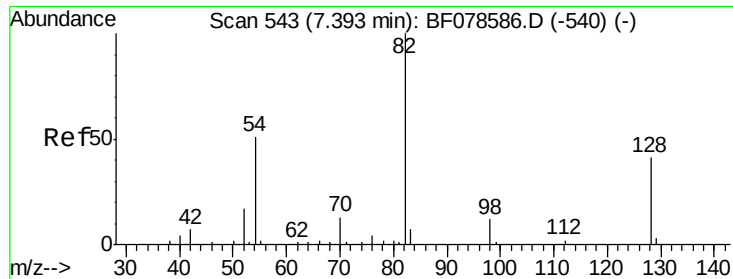
Abundance Ion 136.00 (135.70 to 136.70): E

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

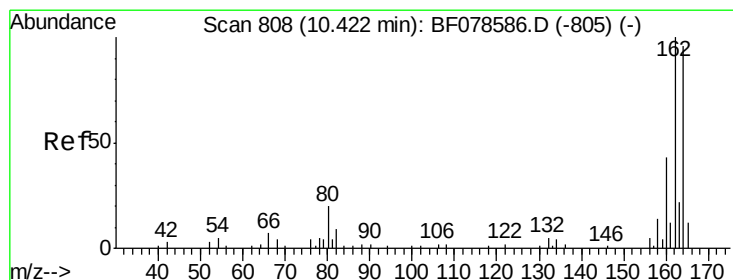
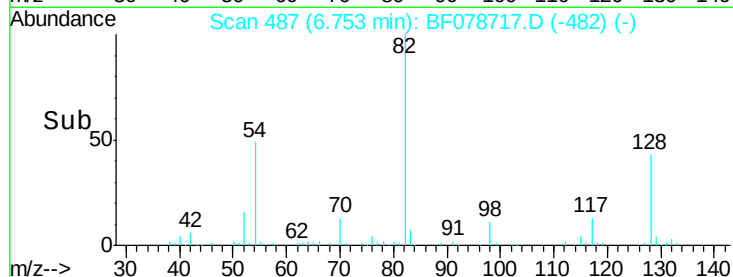
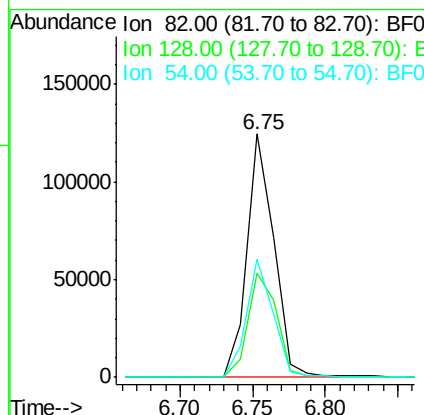
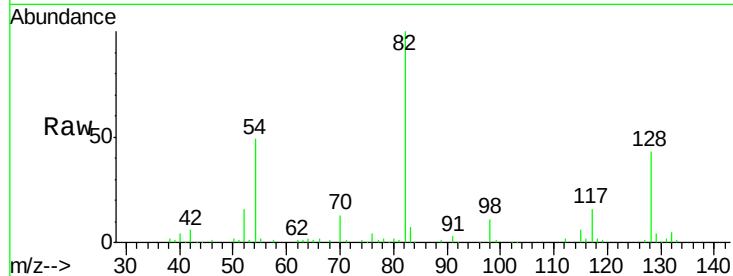




#23
 Nitrobenzene-d5
 Concen: 85.91 ng
 RT: 6.75 min Scan# 487
 Delta R.T. -0.05 min
 Lab File: BF078717.D
 Acq: 22 Apr 2015 10:48

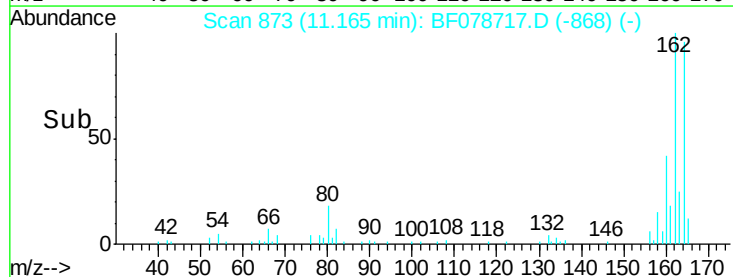
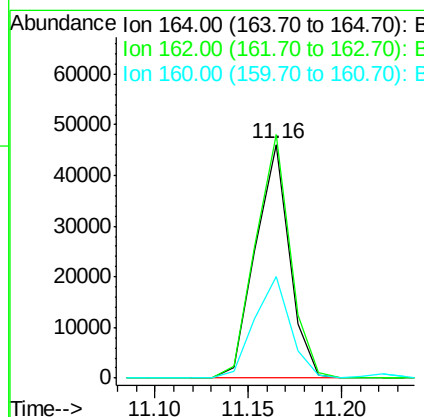
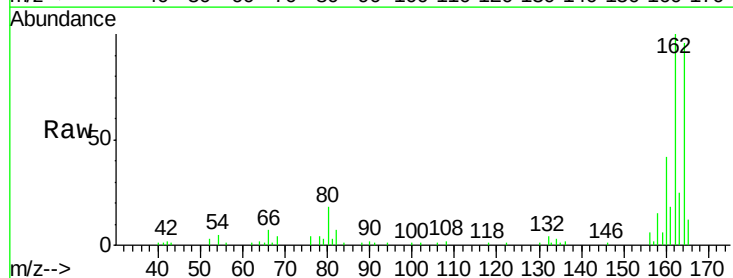
Instrument :
 BNA_F
 ClientSampleId :
 MW-72

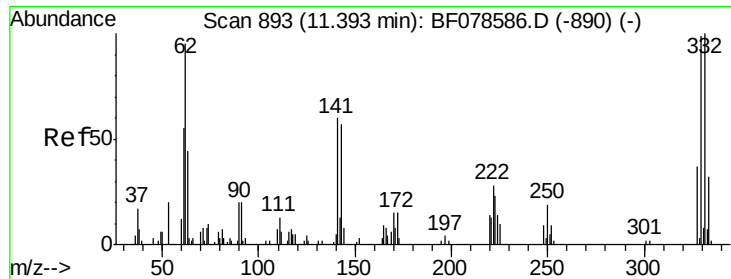
Tot Ion	82	Resp	160489
Ion Ratio	Lower	Upper	
82	100		
128	42.7	31.8	47.8
54	48.5	41.5	62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.16 min Scan# 873
 Delta R.T. -0.05 min
 Lab File: BF078717.D
 Acq: 22 Apr 2015 10:48

Tgt Ion	164	Resp	58108
Ion Ratio	Lower	Upper	
164	100		
162	104.2	82.2	123.2
160	43.4	34.7	52.1

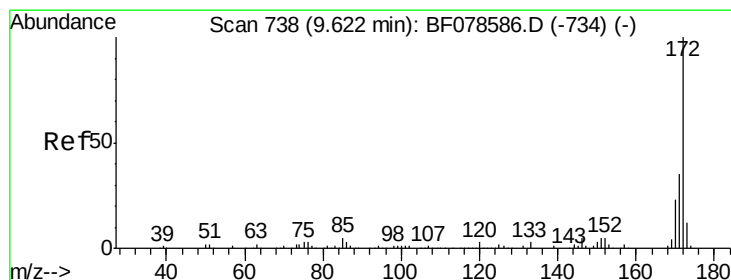
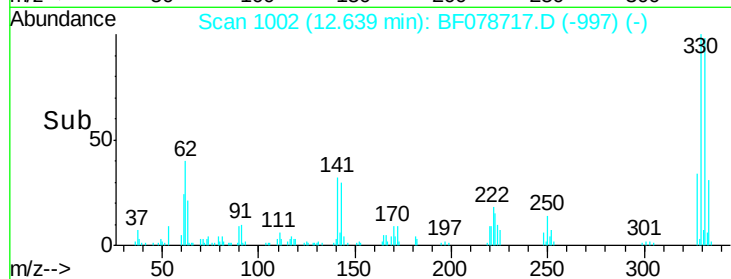
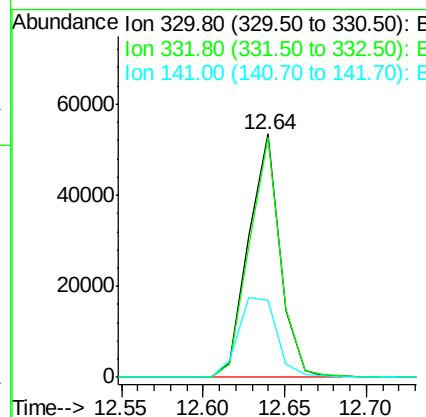
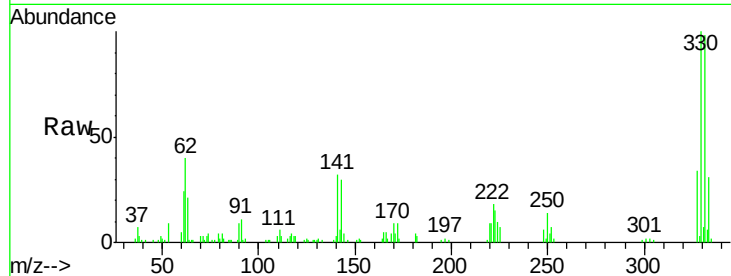




#41
 2,4,6-Tribromophenol
 Concen: 148.55 ng
 RT: 12.64 min Scan# 1002
 Delta R.T. -0.05 min
 Lab File: BF078717.D
 Acq: 22 Apr 2015 10:48

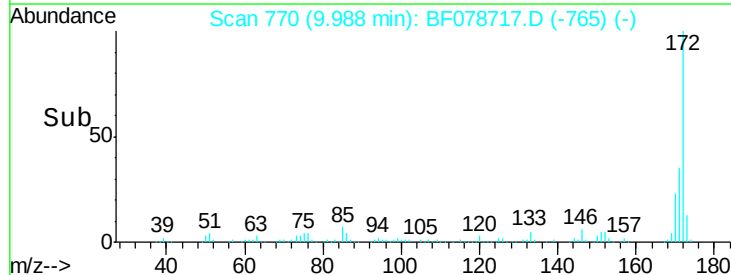
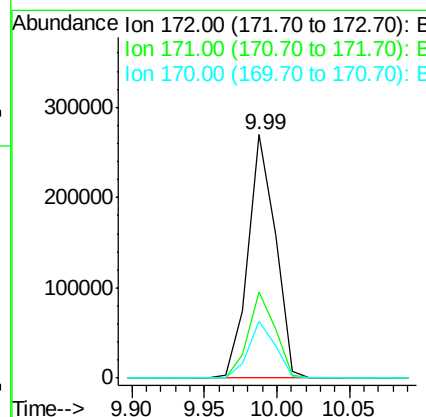
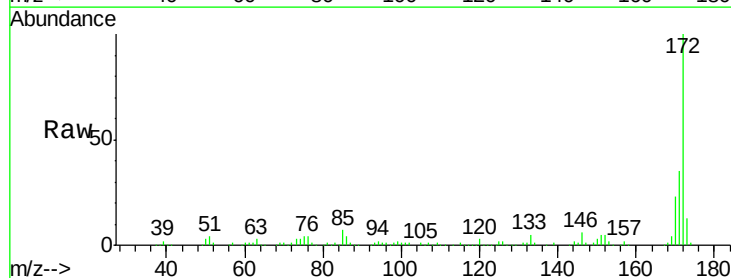
Instrument :
 BNA_F
 ClientSampleId :
 MW-72

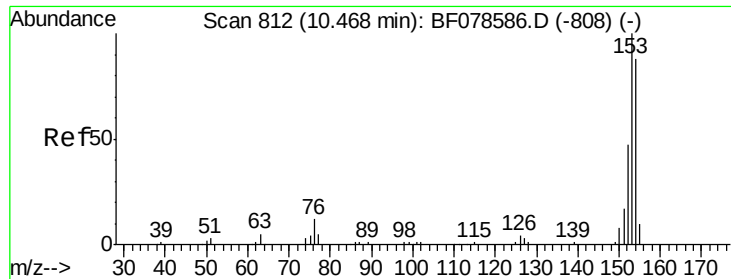
Tot Ion:330 Resp: 71592
 Ion Ratio Lower Upper
 330 100
 332 97.4 78.6 117.8
 141 40.1 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 87.16 ng
 RT: 9.99 min Scan# 770
 Delta R.T. -0.05 min
 Lab File: BF078717.D
 Acq: 22 Apr 2015 10:48

Tgt Ion:172 Resp: 354308
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 42.8
 170 23.2 18.5 27.7





#51

Acenaphthene

Concen: 7.44 ng

RT: 11.22 min Scan# 878

Delta R.T. -0.05 min

Lab File: BF078717.D

Acq: 22 Apr 2015 10:48

Instrument :

BNA_F

ClientSampleId :

MW-72

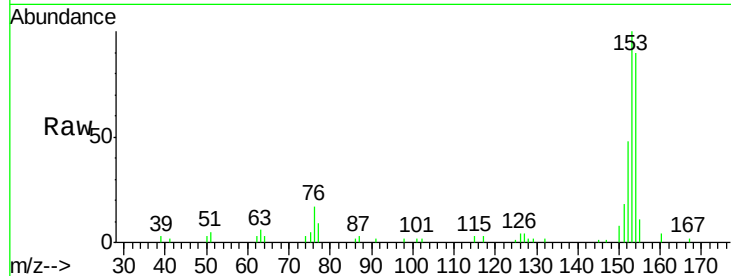
Tot Ion:154 Resp: 25279

Ion Ratio Lower Upper

154 100

153 110.8 91.4 137.2

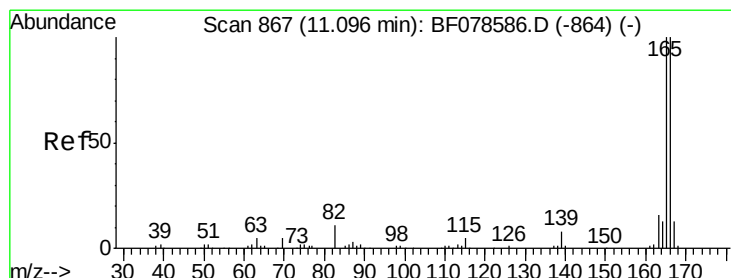
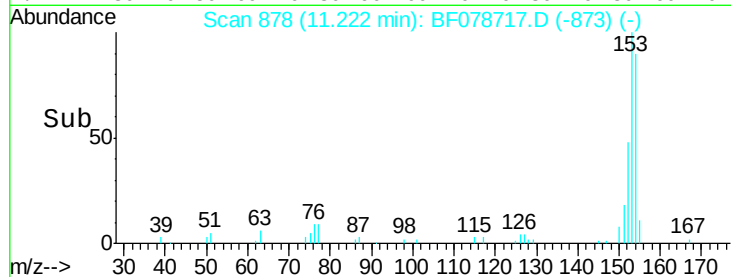
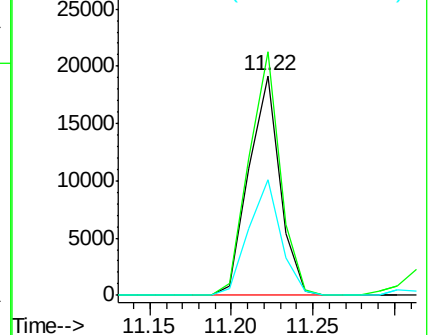
152 52.7 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#57

Fluorene

Concen: 4.55 ng

RT: 12.18 min Scan# 962

Delta R.T. -0.05 min

Lab File: BF078717.D

Acq: 22 Apr 2015 10:48

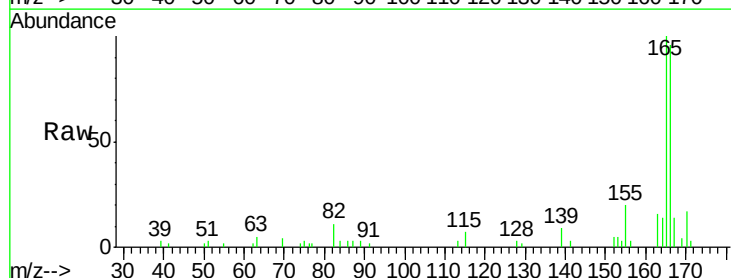
Tgt Ion:166 Resp: 19150

Ion Ratio Lower Upper

166 100

165 103.9 78.9 118.3

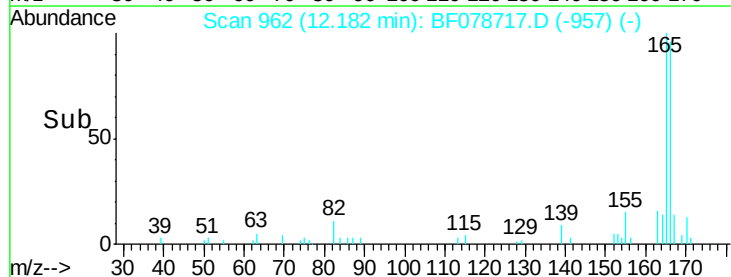
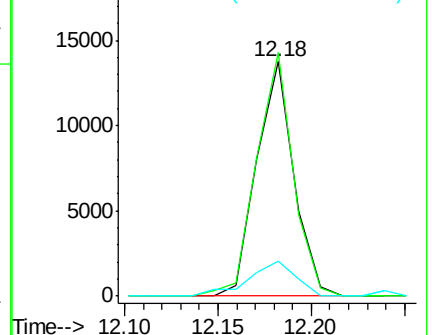
167 14.9 10.7 16.1

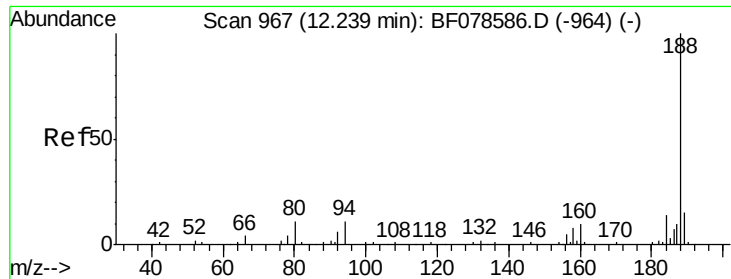


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

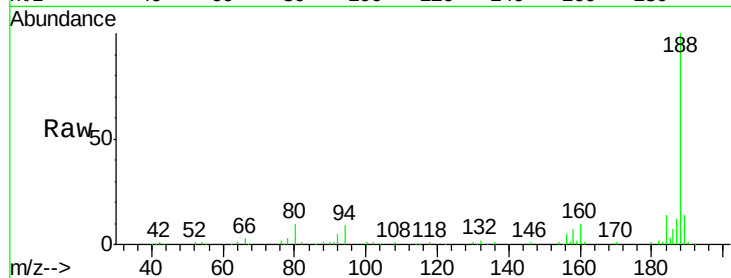




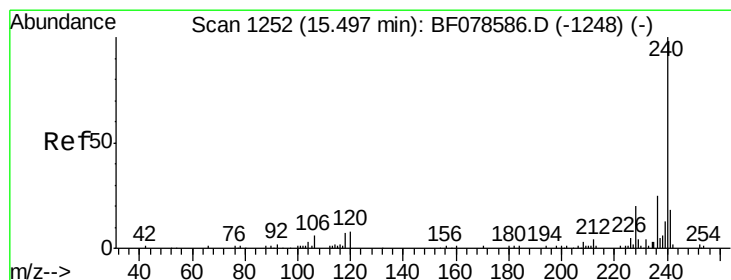
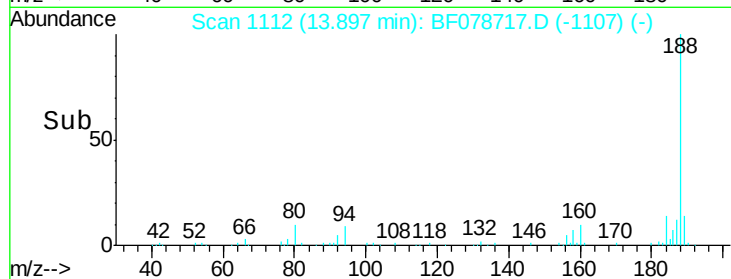
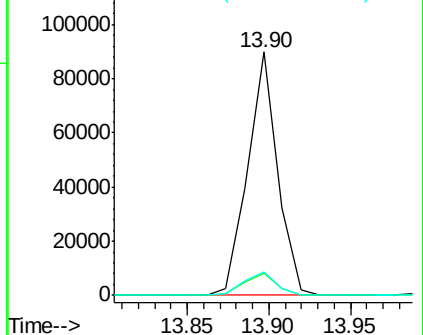
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.90 min Scan# 1112
Delta R.T. -0.05 min
Lab File: BF078717.D
Acq: 22 Apr 2015 10:48

Instrument :
BNA_F
ClientSampleId :
MW-72

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.0	9.0	13.4
80	9.7	9.5	14.3

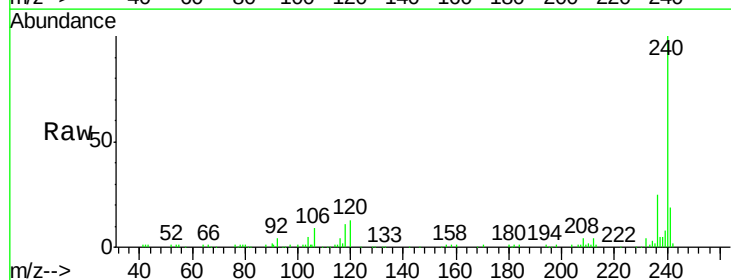


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

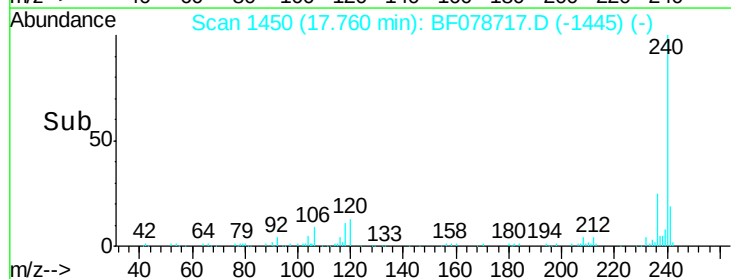
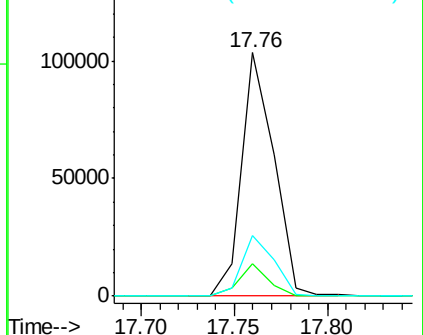


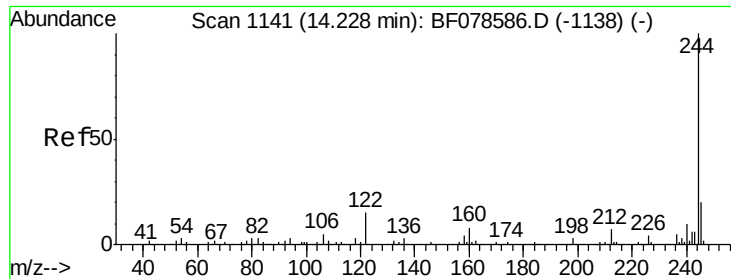
#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.76 min Scan# 1450
Delta R.T. -0.05 min
Lab File: BF078717.D
Acq: 22 Apr 2015 10:48

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.1	7.1	10.7#
236	25.0	21.4	32.2



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

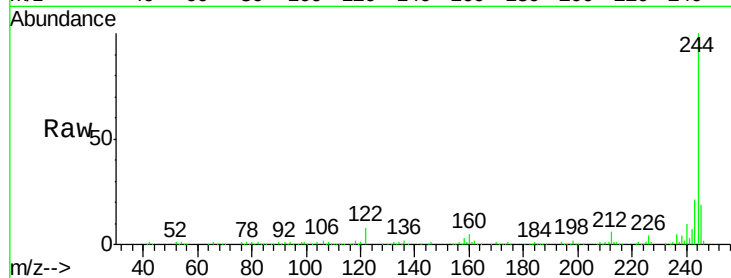




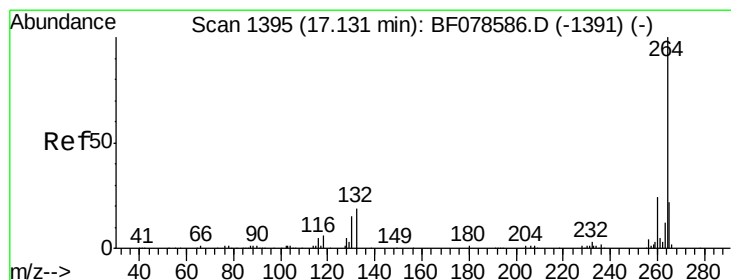
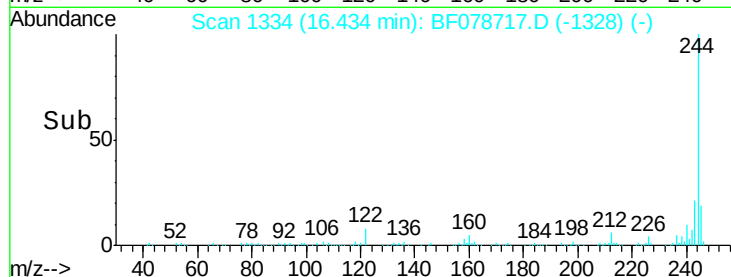
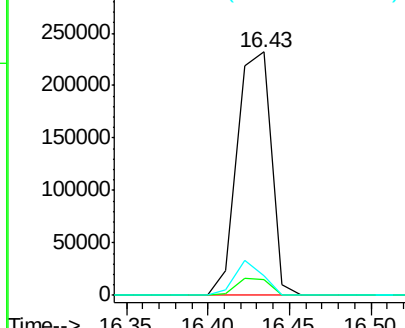
#78
 Terphenyl-d14
 Concen: 60.40 ng
 RT: 16.43 min Scan# 1334
 Delta R.T. -0.03 min
 Lab File: BF078717.D
 Acq: 22 Apr 2015 10:48

Instrument :
 BNA_F
 ClientSampleId :
 MW-72

Tot Ion:244 Resp: 333758
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 8.0 7.1 10.7

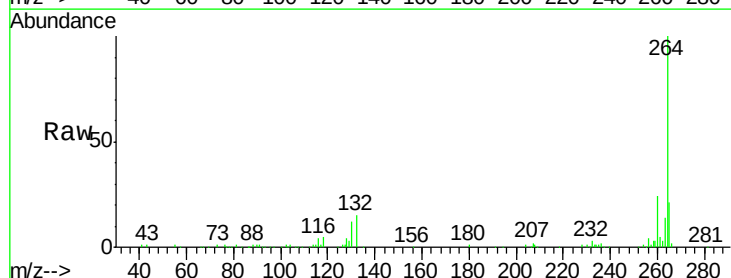


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.45 min Scan# 1598
 Delta R.T. -0.08 min
 Lab File: BF078717.D
 Acq: 22 Apr 2015 10:48

Tgt Ion:264 Resp: 123321
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 27.8
 265 21.1 17.0 25.6



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

