

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
 Data File : BF077485.D
 Acq On : 27 Feb 2015 2:39
 Operator : TP/IZ
 Sample : G1385-01
 Misc : S
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-1-D1213

Quant Time: Feb 27 07:16:16 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 27 07:02:57 2015
 Response via : Initial Calibration

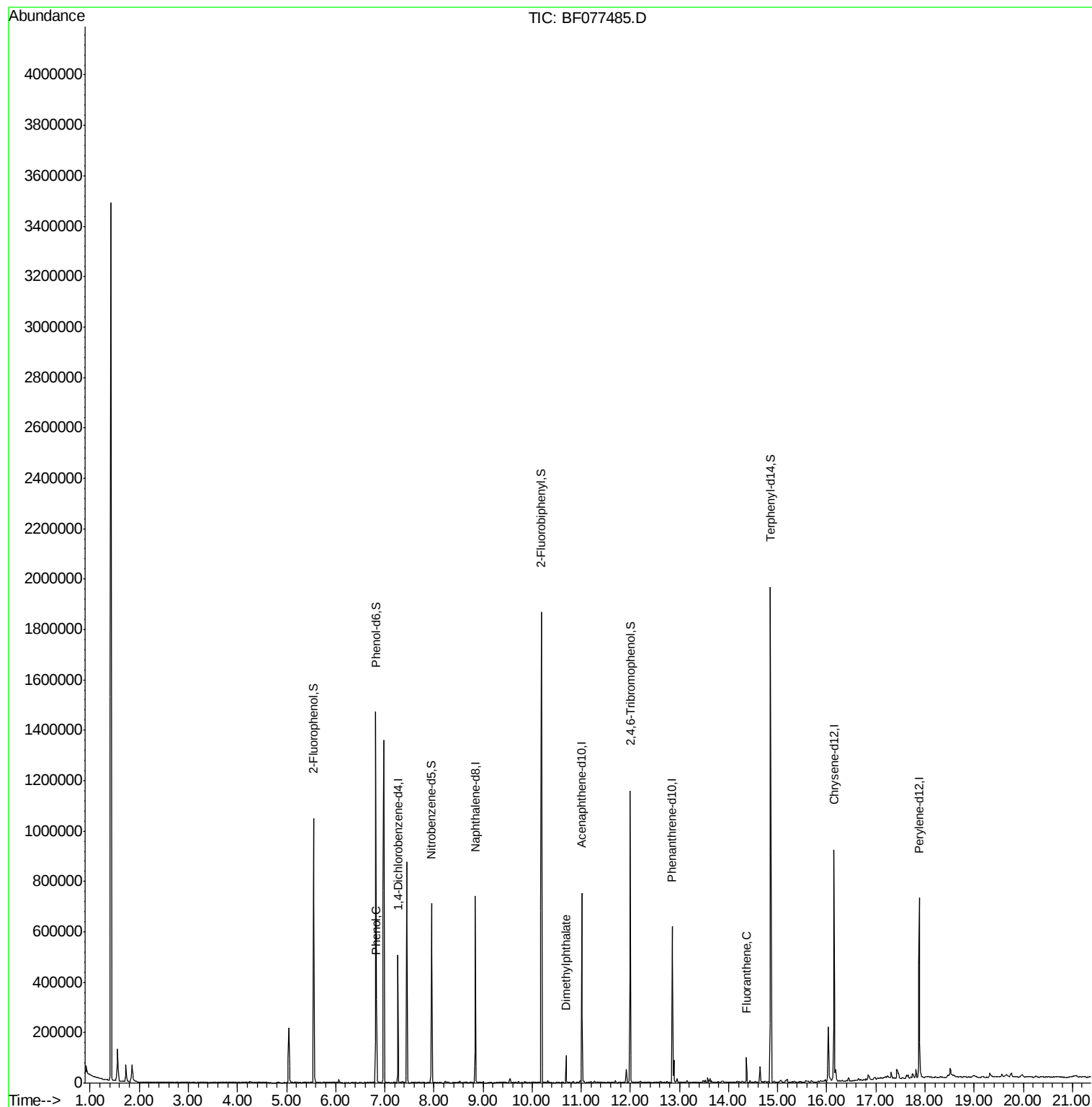
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	76964	20.00	ng	0.00
21) Naphthalene-d8	8.84	136	320027	20.00	ng	0.00
38) Acenaphthene-d10	11.02	164	165226	20.00	ng	0.00
63) Phenanthrene-d10	12.86	188	324104	20.00	ng	0.00
75) Chrysene-d12	16.15	240	363154	20.00	ng	0.00
86) Perylene-d12	17.88	264	353269	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	386153	83.76	ng	0.00
7) Phenol-d6	6.82	99	491084	82.85	ng	0.00
23) Nitrobenzene-d5	7.95	82	297356	57.78	ng	0.00
41) 2,4,6-Tribromophenol	12.00	330	142925	89.84	ng	0.00
44) 2-Fluorobiphenyl	10.19	172	640294	60.43	ng	0.00
78) Terphenyl-d14	14.86	244	773371	49.79	ng	0.00
Target Compounds						
10) Phenol	6.84	94	15011	2.13	ng	Qvalue # 45
49) Dimethylphthalate	10.69	163	44311	3.82	ng	99
74) Fluoranthene	14.37	202	47299	2.31	ng	97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.27 min Scan# 558

Delta R.T. 0.00 min

Lab File: BF077485.D

Acq: 27 Feb 2015 2:39

Instrument :

BNA_F

ClientSampleId :

B-1-D1213

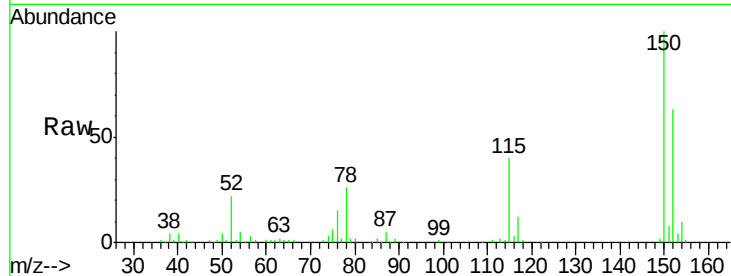
Tgt Ion:152 Resp: 76964

Ion Ratio Lower Upper

152 100

150 160.0 124.0 186.0

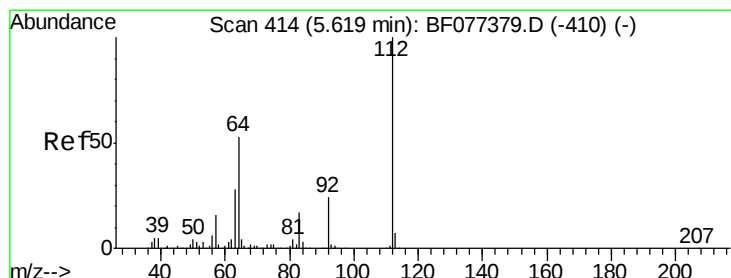
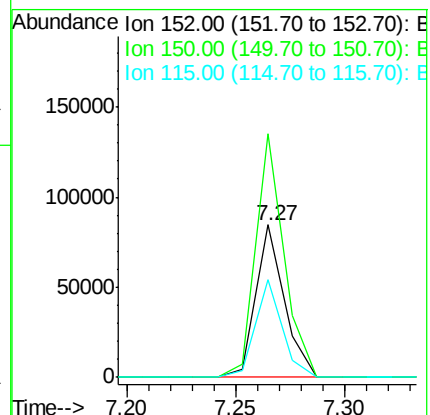
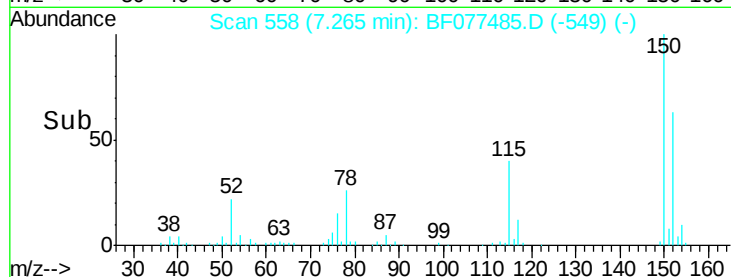
115 63.8 49.4 74.2



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: 83.76 ng

RT: 5.56 min Scan# 408

Delta R.T. 0.01 min

Lab File: BF077485.D

Acq: 27 Feb 2015 2:39

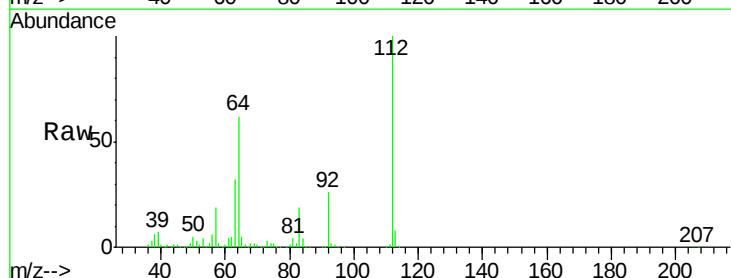
Tgt Ion:112 Resp: 386153

Ion Ratio Lower Upper

112 100

64 62.3 48.5 72.7

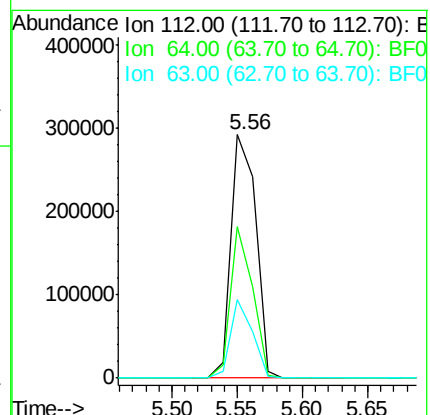
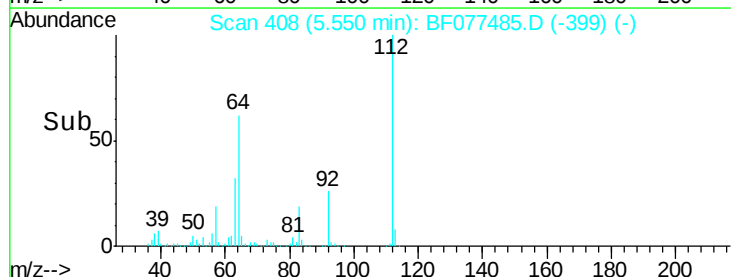
63 32.3 25.0 37.4



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: 82.85 ng

RT: 6.82 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF077485.D

Acq: 27 Feb 2015 2:39

Instrument :

BNA_F

ClientSampleId :

B-1-D1213

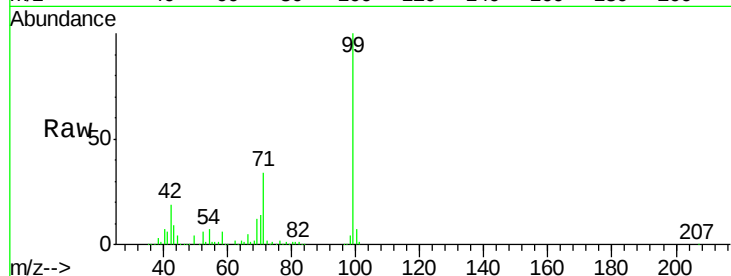
Tgt Ion: 99 Resp: 491084

Ion Ratio Lower Upper

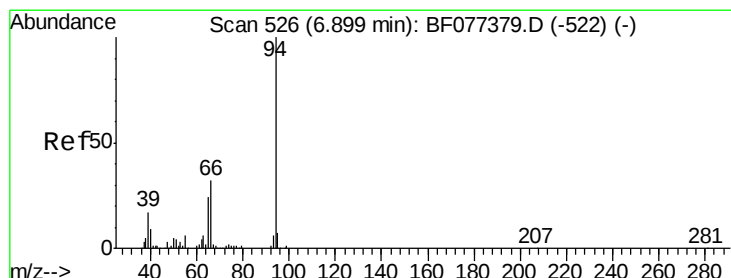
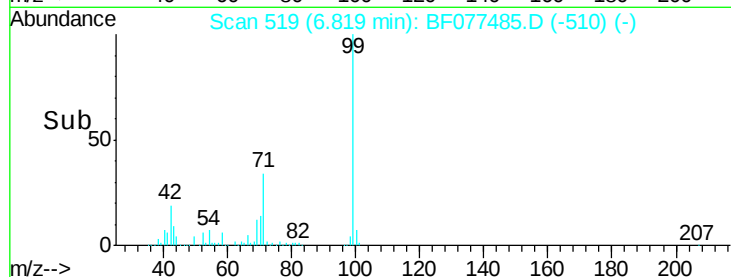
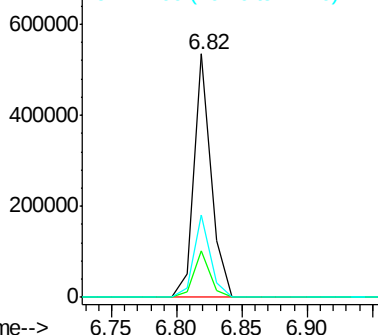
99 100

42 19.1 16.2 24.4

71 34.0 26.7 40.1



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



#10

Phenol

Concen: 2.13 ng

RT: 6.84 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF077485.D

Acq: 27 Feb 2015 2:39

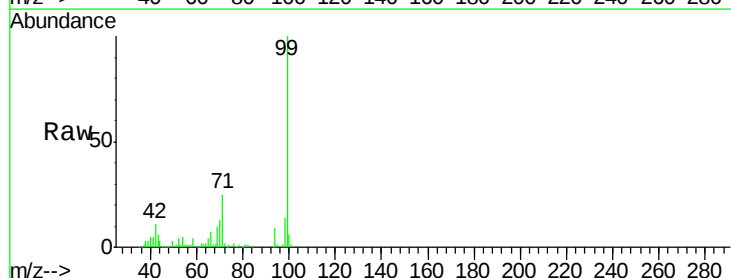
Tgt Ion: 94 Resp: 15011

Ion Ratio Lower Upper

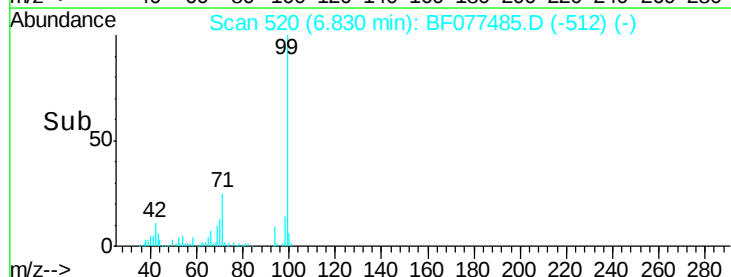
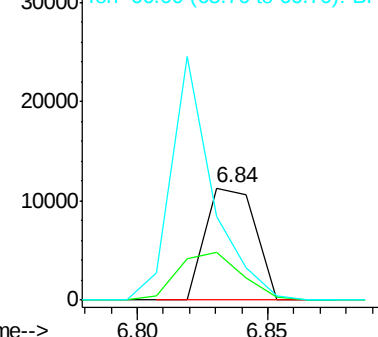
94 100

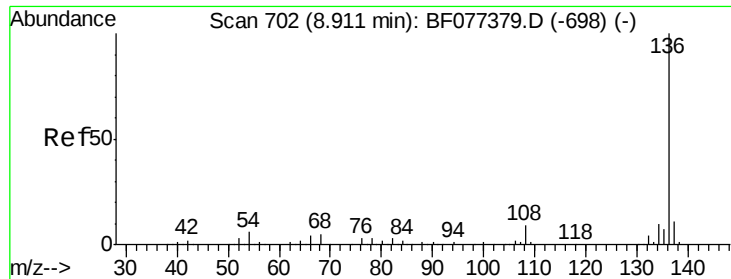
65 42.4 5.7 45.7

66 74.4 13.6 53.6#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

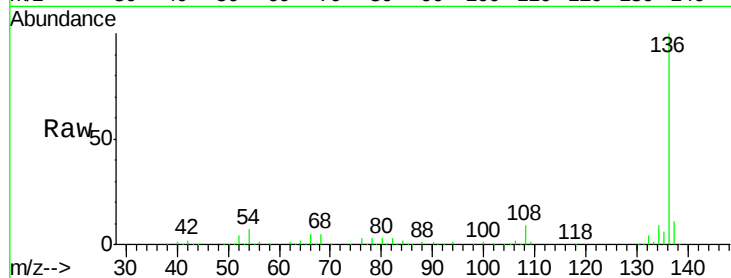




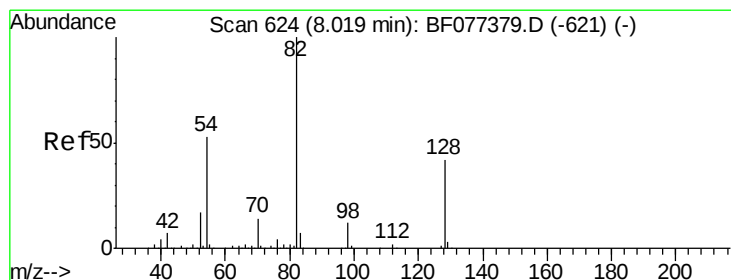
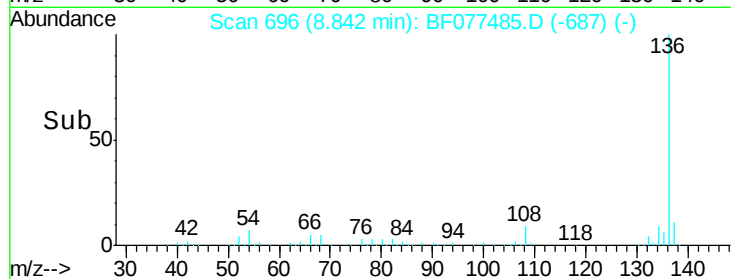
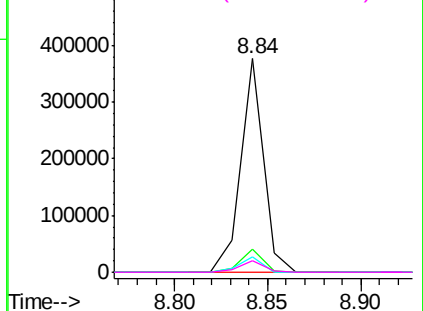
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.84 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF077485.D
Acq: 27 Feb 2015 2:39

Instrument :
BNA_F
ClientSampleId :
B-1-D1213

Tgt Ion:	136	Resp:	320027
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.1	6.2	9.4
68	5.5	5.0	7.6

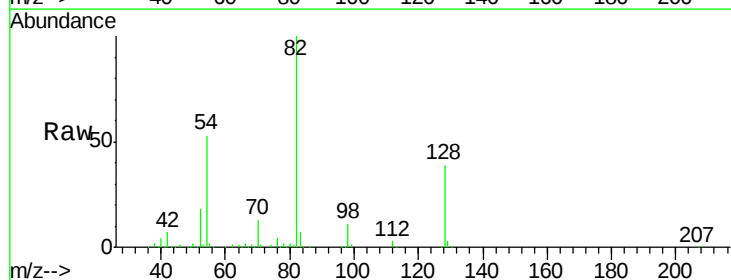


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

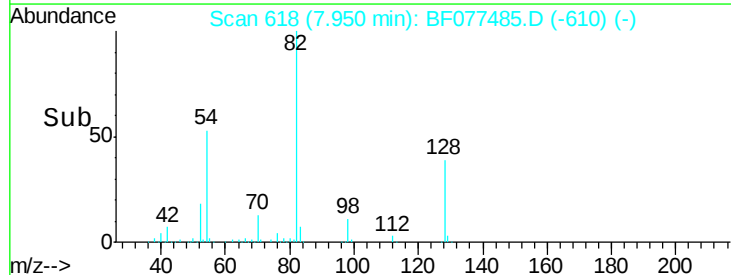
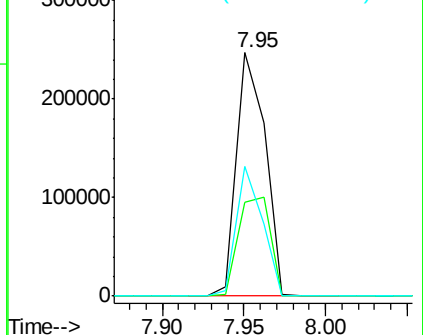


#23
Nitrobenzene-d5
Concen: 57.78 ng
RT: 7.95 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF077485.D
Acq: 27 Feb 2015 2:39

Tgt Ion:	82	Resp:	297356
Ion	Ratio	Lower	Upper
82	100		
128	38.7	43.8	65.8#
54	53.4	36.7	55.1



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: 11.02 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF077485.D

Acq: 27 Feb 2015 2:39

Instrument :

BNA_F

ClientSampleId :

B-1-D1213

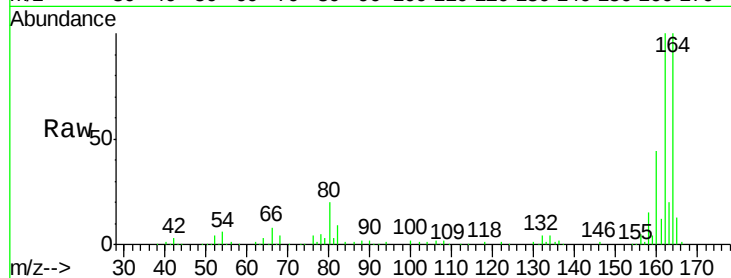
Tgt Ion:164 Resp: 165226

Ion Ratio Lower Upper

164 100

162 100.1 83.2 124.8

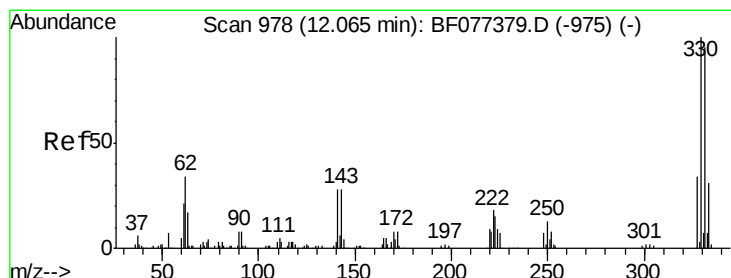
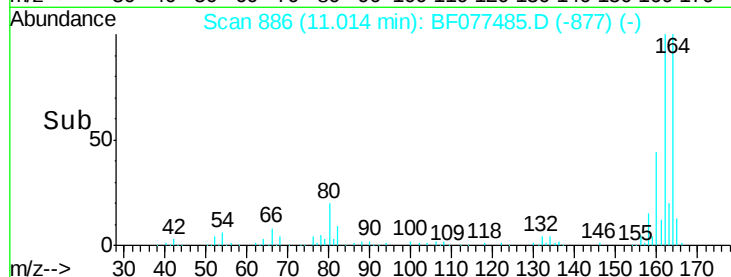
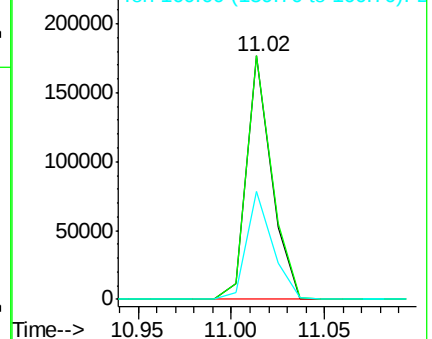
160 44.4 34.6 52.0



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: 89.84 ng

RT: 12.00 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF077485.D

Acq: 27 Feb 2015 2:39

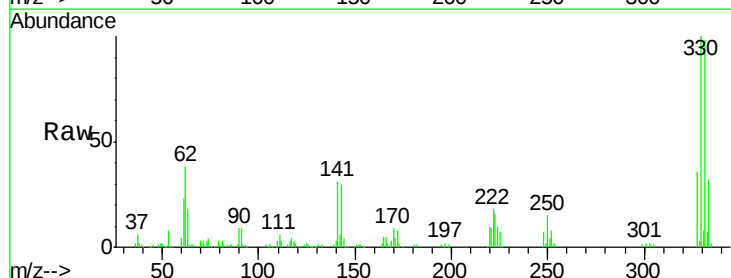
Tgt Ion:330 Resp: 142925

Ion Ratio Lower Upper

330 100

332 97.9 77.4 116.2

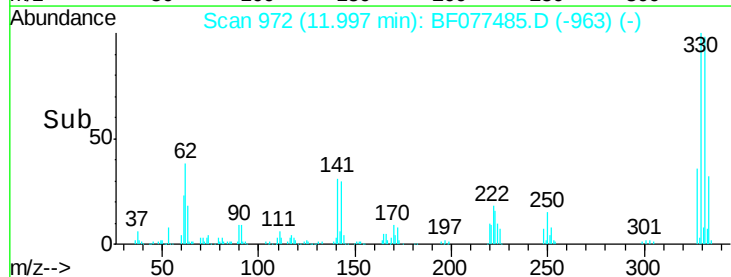
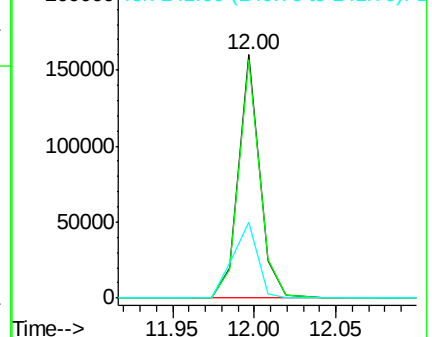
141 36.7 28.8 43.2



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

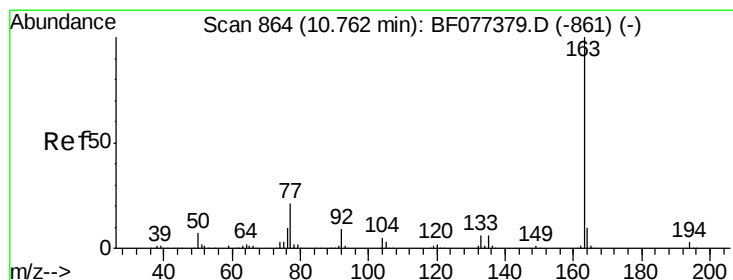
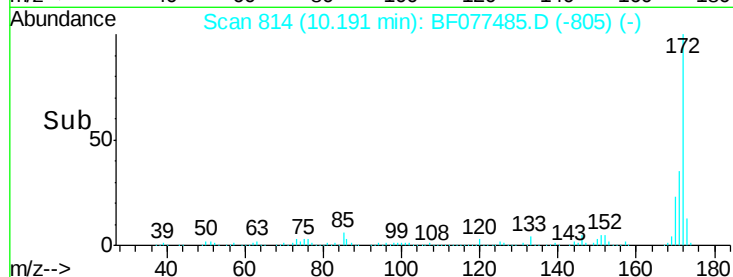
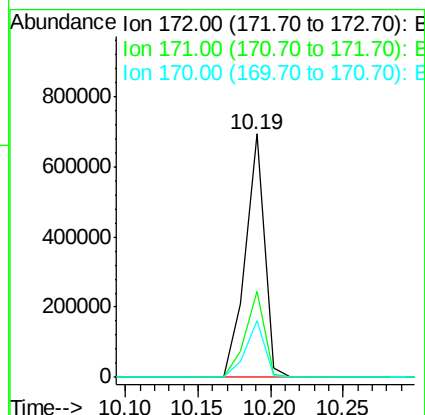
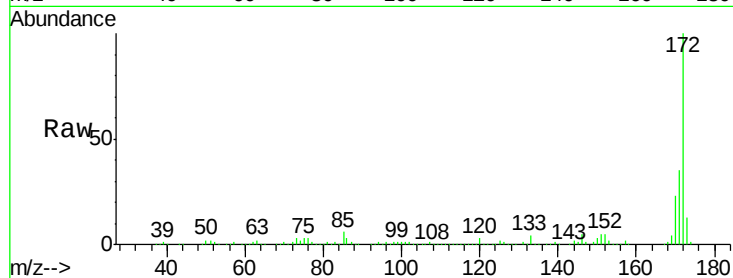




#44
 2-Fluorobiphenyl
 Concen: 60.43 ng
 RT: 10.19 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF077485.D
 Acq: 27 Feb 2015 2:39

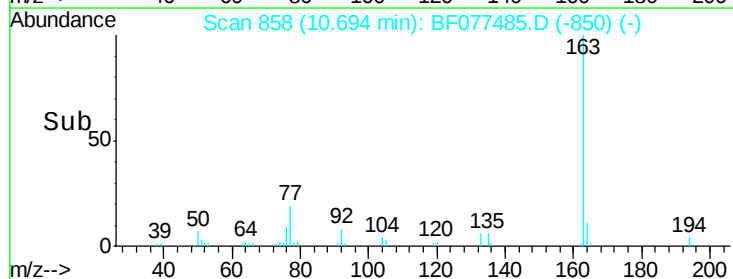
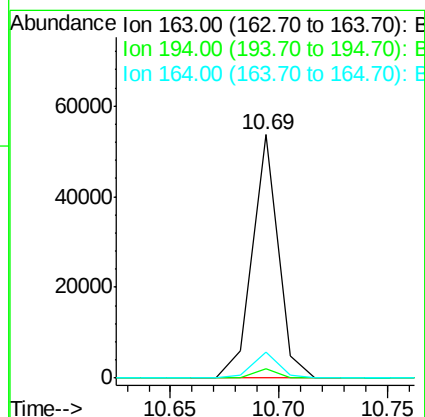
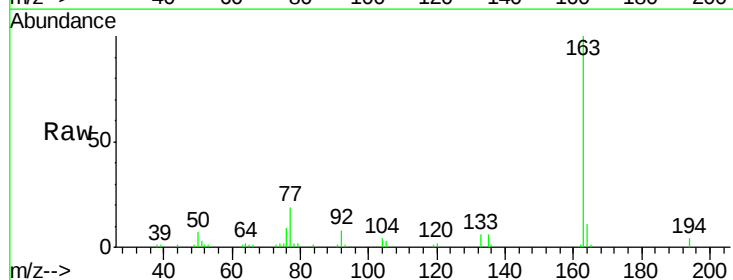
Instrument :
 BNA_F
 ClientSampleId :
 B-1-D1213

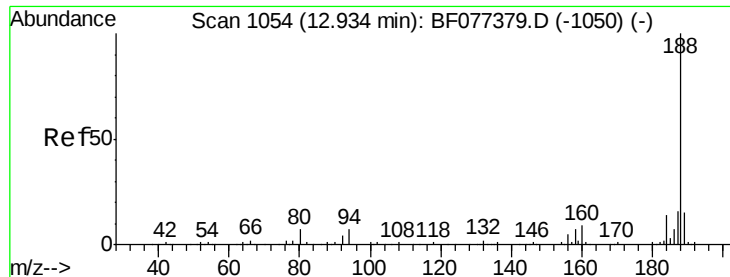
Tgt Ion:172 Resp: 640294
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.9 43.3
 170 23.4 19.4 29.2



#49
 Dimethylphthalate
 Concen: 3.82 ng
 RT: 10.69 min Scan# 858
 Delta R.T. -0.01 min
 Lab File: BF077485.D
 Acq: 27 Feb 2015 2:39

Tgt Ion:163 Resp: 44311
 Ion Ratio Lower Upper
 163 100
 194 3.9 2.6 4.0
 164 10.9 8.6 13.0

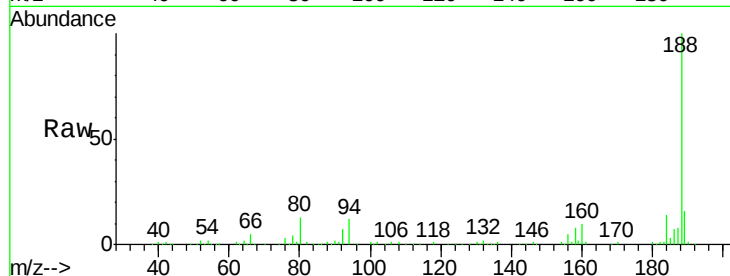




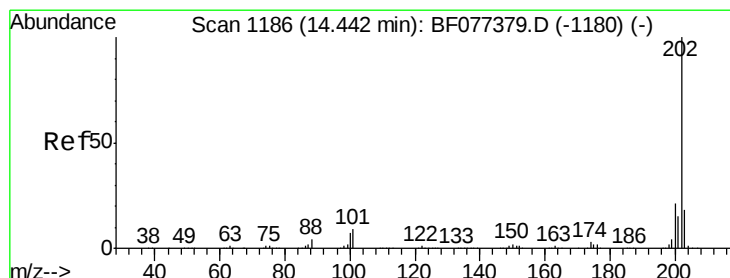
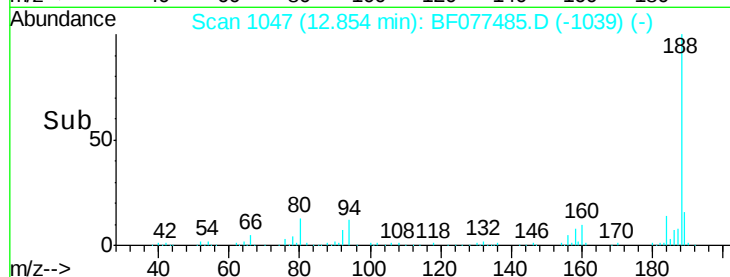
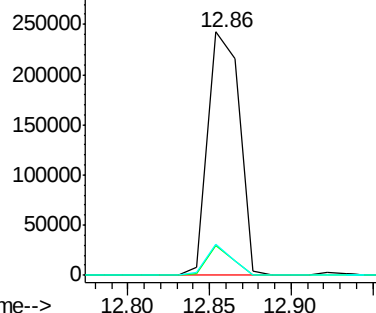
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.86 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF077485.D
Acq: 27 Feb 2015 2:39

Instrument :
BNA_F
ClientSampleId :
B-1-D1213

Tgt Ion:188 Resp: 324104
Ion Ratio Lower Upper
188 100
94 12.4 7.4 11.2#
80 12.8 8.0 12.0#

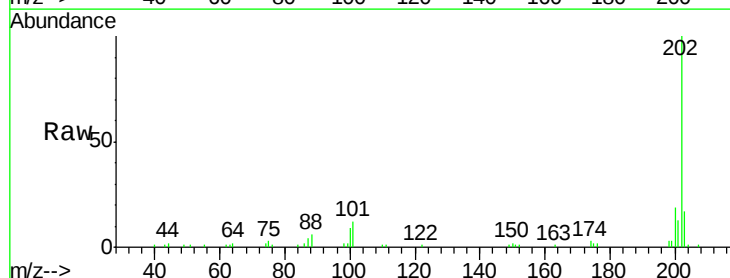


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

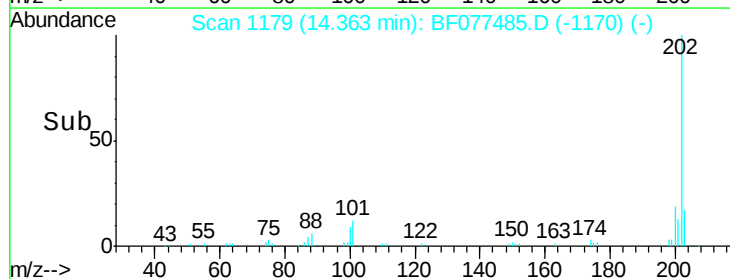
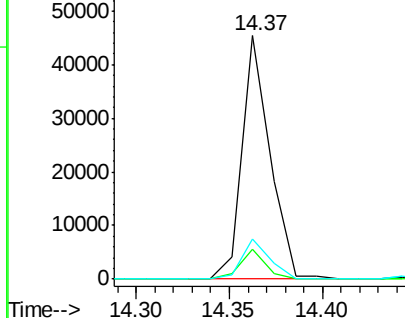


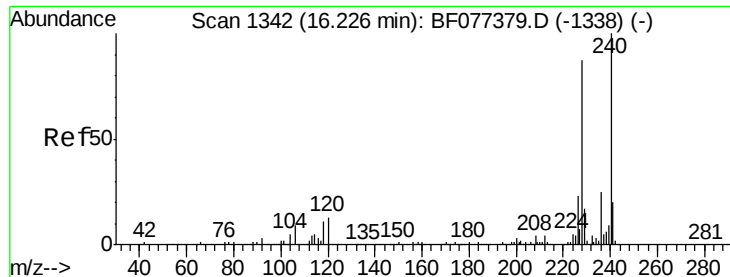
#74
Fluoranthene
Concen: 2.31 ng
RT: 14.37 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF077485.D
Acq: 27 Feb 2015 2:39

Tgt Ion:202 Resp: 47299
Ion Ratio Lower Upper
202 100
101 12.3 0.0 30.8
203 16.7 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.15 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BF077485.D

Acq: 27 Feb 2015 2:39

Instrument :

BNA_F

ClientSampleId :

B-1-D1213

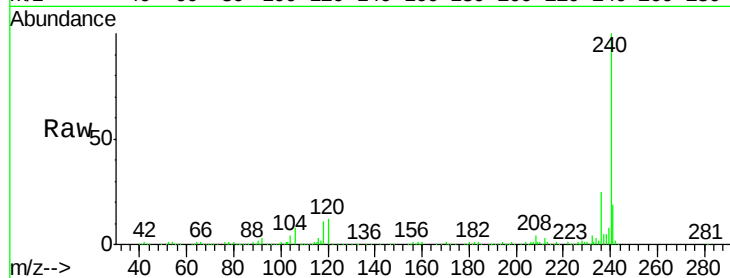
Tgt Ion:240 Resp: 363154

Ion Ratio Lower Upper

240 100

120 12.0 8.8 13.2

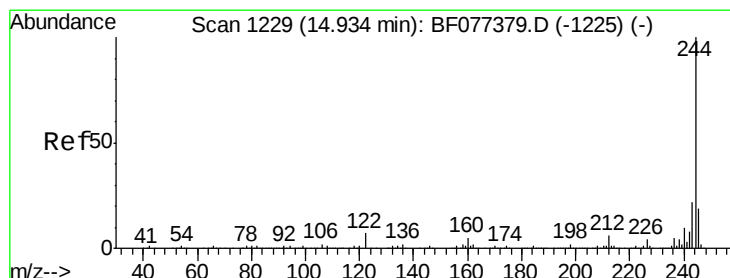
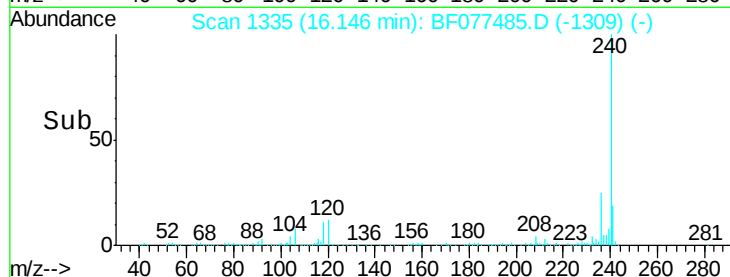
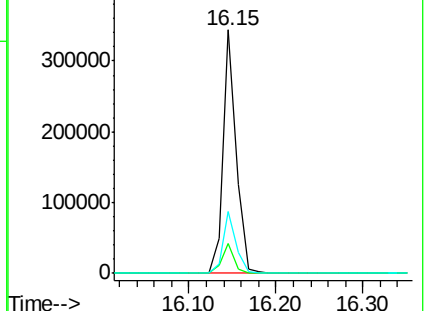
236 25.4 20.7 31.1



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: 49.79 ng

RT: 14.86 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BF077485.D

Acq: 27 Feb 2015 2:39

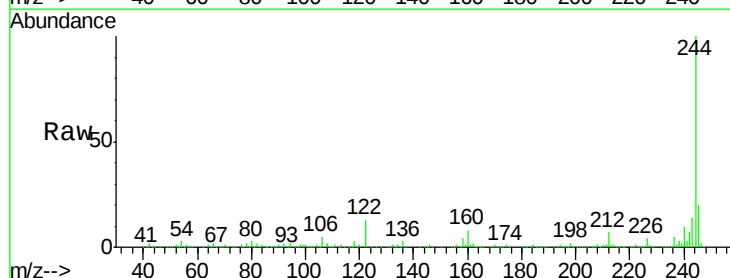
Tgt Ion:244 Resp: 773371

Ion Ratio Lower Upper

244 100

212 6.7 5.2 7.8

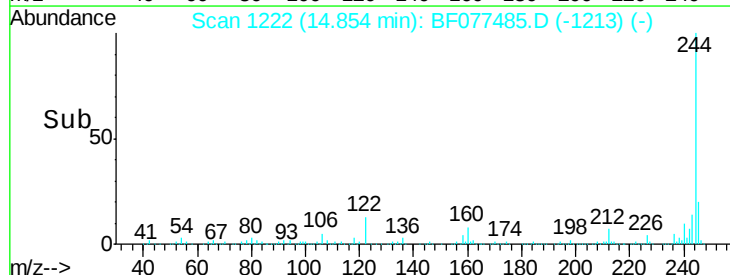
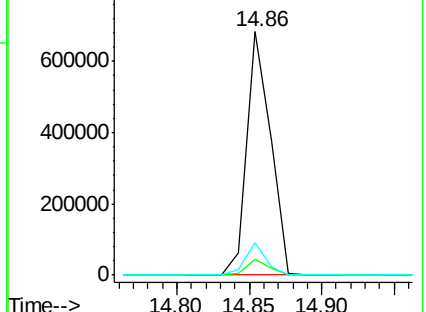
122 13.1 7.8 11.8#

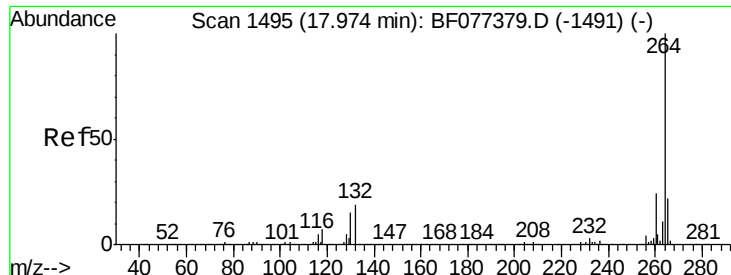


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

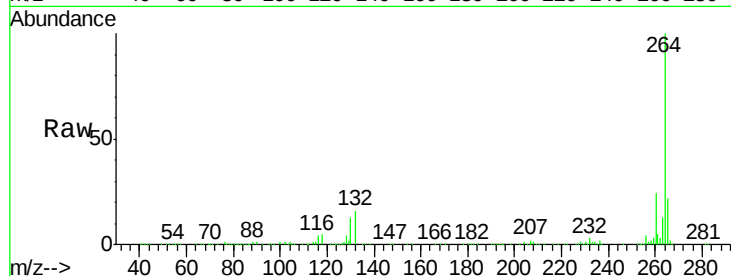




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.88 min Scan# 1487
Delta R.T. -0.00 min
Lab File: BF077485.D
Acq: 27 Feb 2015 2:39

Instrument :
BNA_F
ClientSampleId :
B-1-D1213

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.3	28.9
265	22.1	16.8	25.2



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

