

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
 Data File : BF077462.D
 Acq On : 26 Feb 2015 13:49
 Operator : TP/IZ
 Sample : G1384-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 41A-NW-022515

Quant Time: Feb 26 17:31:50 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 26 17:14:46 2015
 Response via : Initial Calibration

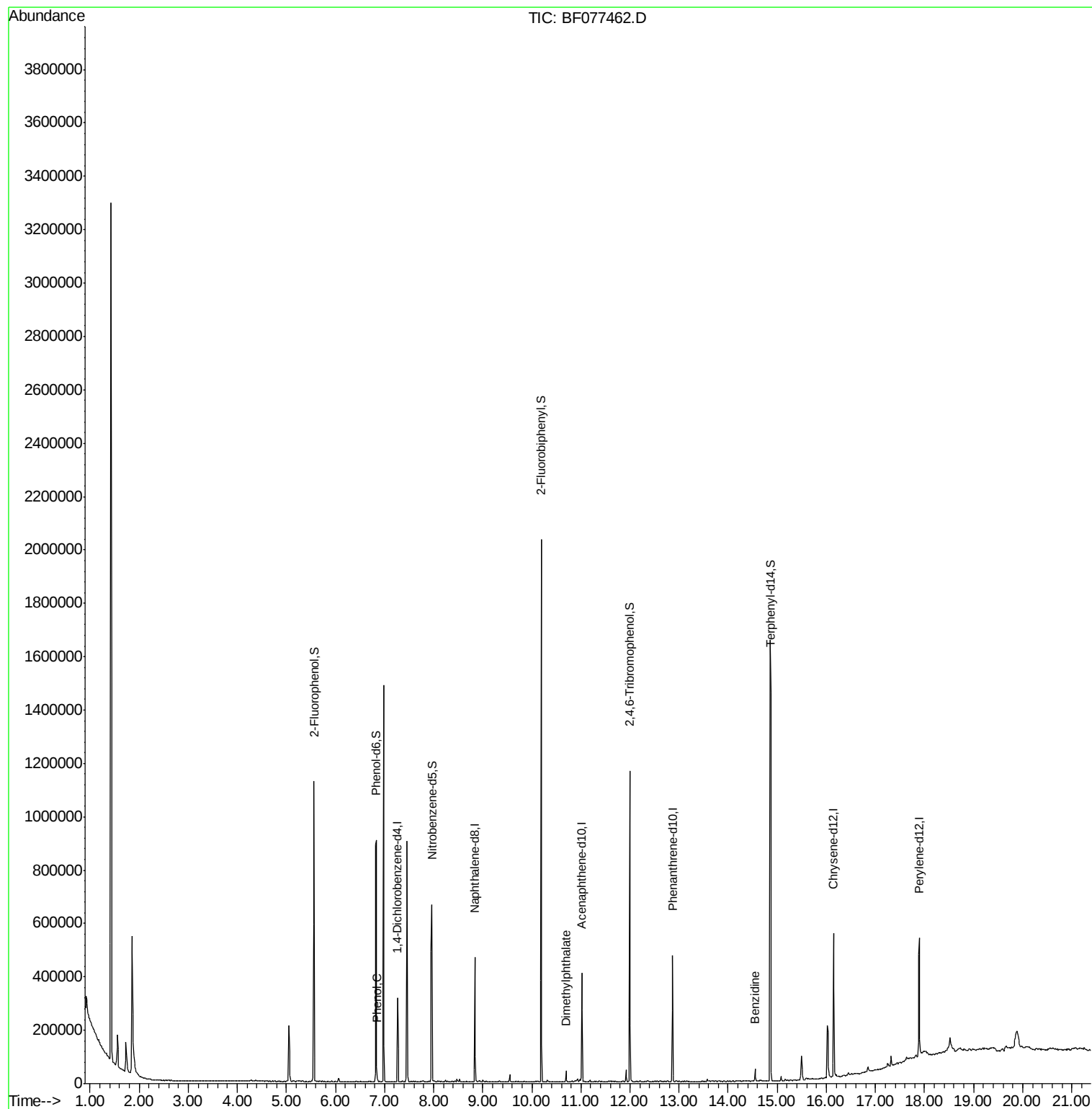
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	52356	20.00	ng	0.00
21) Naphthalene-d8	8.84	136	207161	20.00	ng	0.00
38) Acenaphthene-d10	11.01	164	105341	20.00	ng	-0.01
63) Phenanthrene-d10	12.87	188	217209	20.00	ng	0.00
75) Chrysene-d12	16.15	240	245130	20.00	ng	-0.03
86) Perylene-d12	17.89	264	239281	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	372996	118.93	ng	0.00
7) Phenol-d6	6.83	99	476807	118.25	ng	0.00
23) Nitrobenzene-d5	7.96	82	275051	82.56	ng	0.00
41) 2,4,6-Tribromophenol	12.00	330	135334	133.43	ng	-0.01
44) 2-Fluorobiphenyl	10.19	172	622151	92.09	ng	0.00
78) Terphenyl-d14	14.87	244	809797	77.23	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.84	94	12976	2.71	ng	96
49) Dimethylphthalate	10.69	163	17109	2.31	ng	99
76) Benzidine	14.55	184	22925	2.77	ng	98

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

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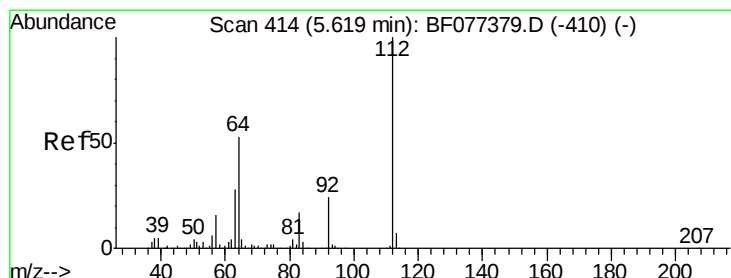
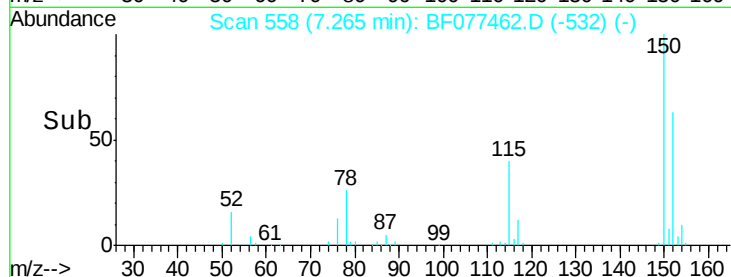
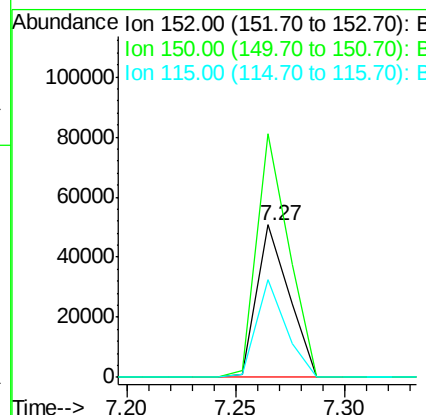
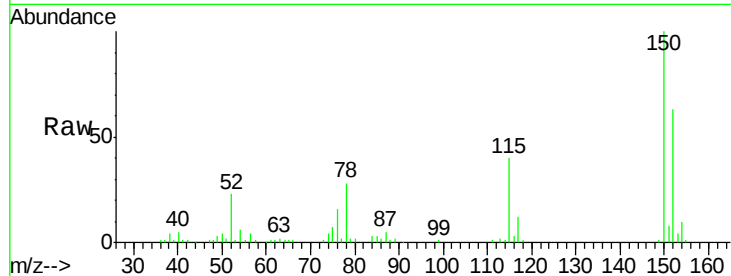


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF077462.D
Acq: 26 Feb 2015 13:49

Instrument :
BNA_F
ClientSampleId :
41A-NW-022515

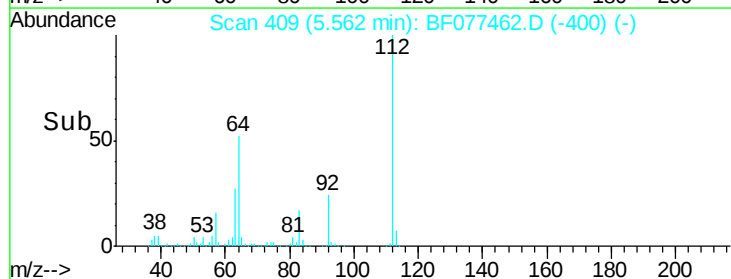
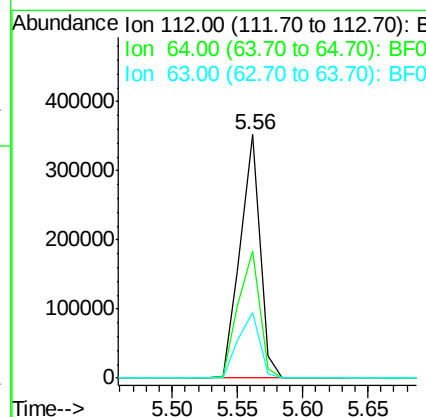
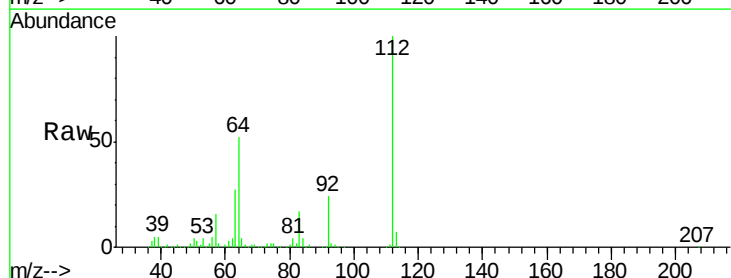
Tgt Ion:152 Resp: 52356
Ion Ratio Lower Upper
152 100
150 159.7 124.0 186.0
115 63.9 49.4 74.2

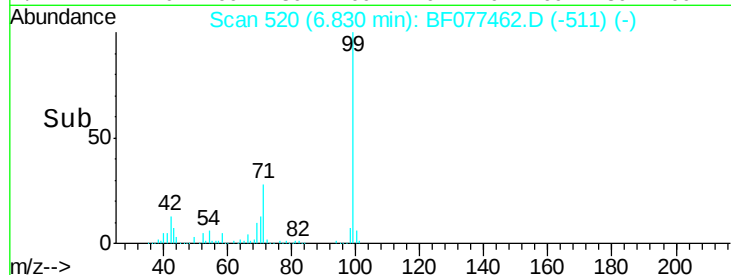
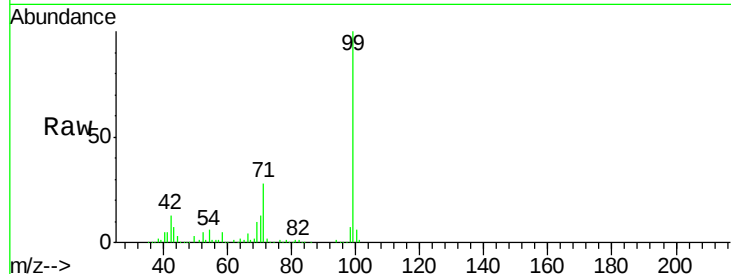


#5

2-Fluorophenol
Concen: 118.93 ng
RT: 5.56 min Scan# 409
Delta R.T. 0.00 min
Lab File: BF077462.D
Acq: 26 Feb 2015 13:49

Tgt Ion:112 Resp: 372996
Ion Ratio Lower Upper
112 100
64 52.0 48.5 72.7
63 27.2 25.0 37.4

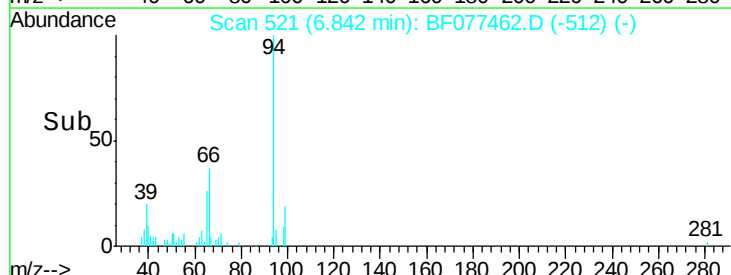
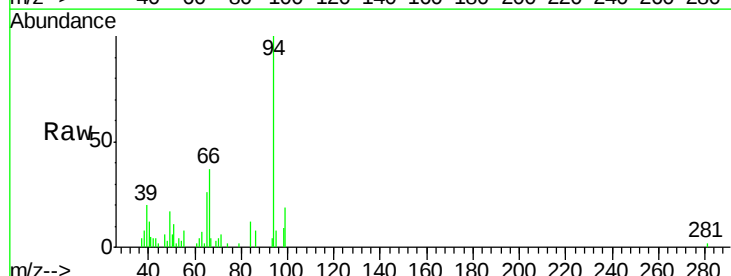
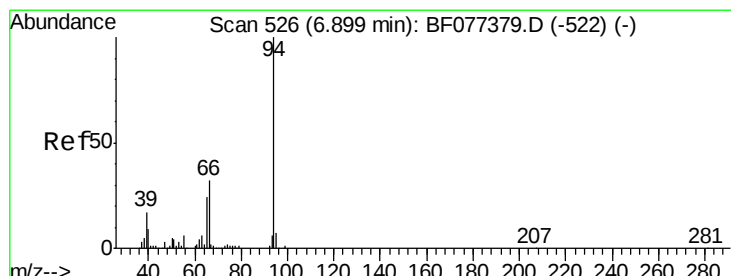
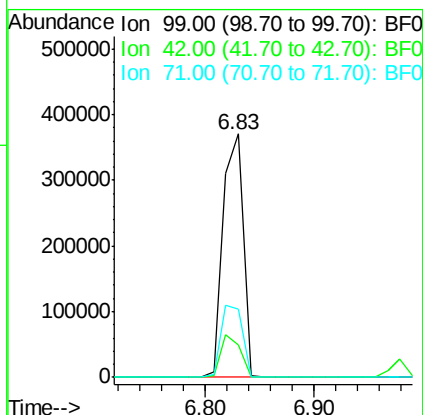




#7
Phenol-d6
Concen: 118.25 ng
RT: 6.83 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF077462.D
Acq: 26 Feb 2015 13:49

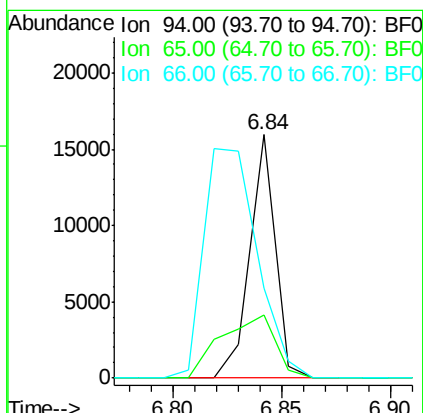
Tgt Ion	Ratio	Lower	Upper
99	100		
42	13.1	16.2	24.4#
71	28.0	26.7	40.1

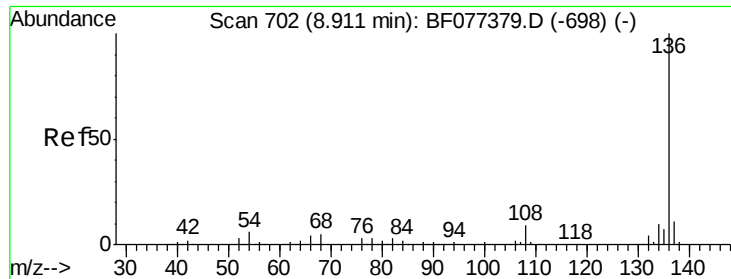
Instrument :
BNA_F
ClientSampleId :
41A-NW-022515



#10
Phenol
Concen: 2.71 ng
RT: 6.84 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF077462.D
Acq: 26 Feb 2015 13:49

Tgt Ion	Ratio	Lower	Upper
94	100		
65	25.9	5.7	45.7
66	37.0	13.6	53.6

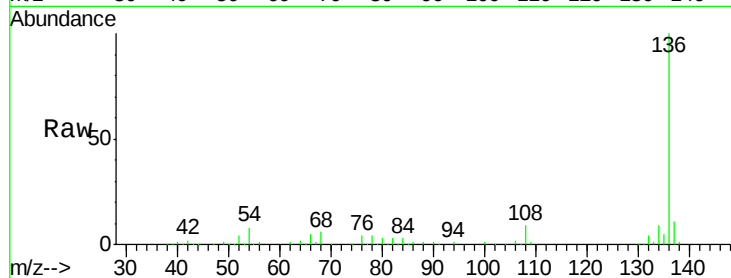




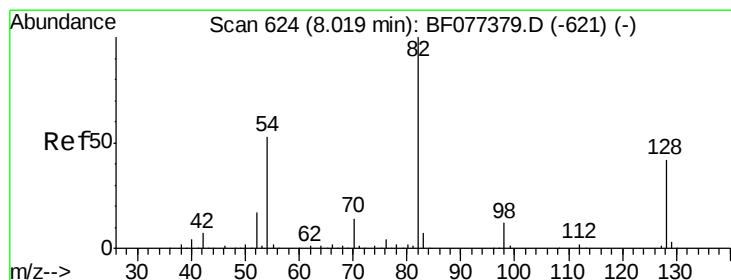
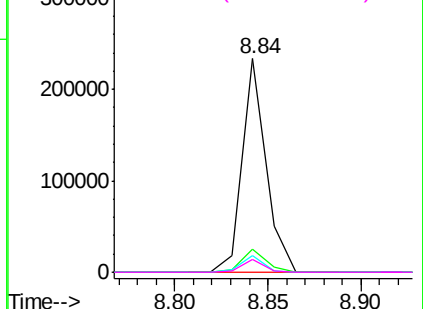
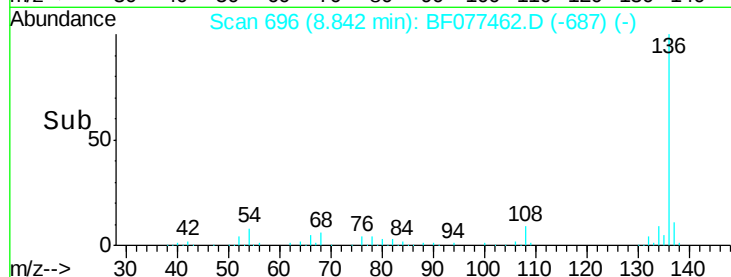
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.84 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF077462.D
Acq: 26 Feb 2015 13:49

Instrument :
BNA_F
ClientSampleId :
41A-NW-022515

Tgt Ion:	136	Resp:	207161
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.7	6.2	9.4
68	5.8	5.0	7.6

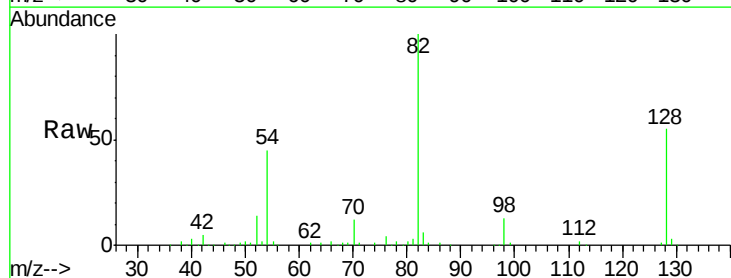


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

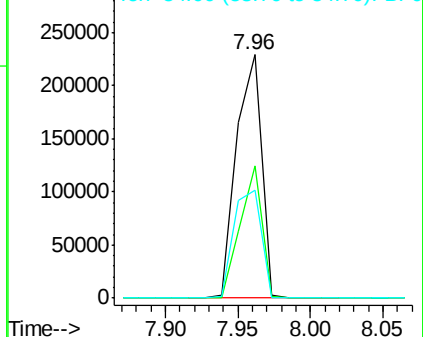
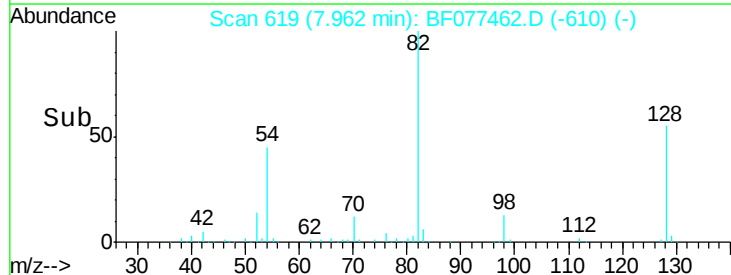


#23
Nitrobenzene-d5
Concen: 82.56 ng
RT: 7.96 min Scan# 619
Delta R.T. 0.00 min
Lab File: BF077462.D
Acq: 26 Feb 2015 13:49

Tgt Ion:	82	Resp:	275051
Ion	Ratio	Lower	Upper
82	100		
128	54.5	43.8	65.8
54	44.5	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

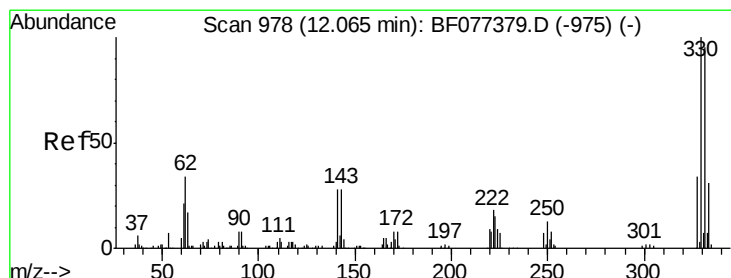
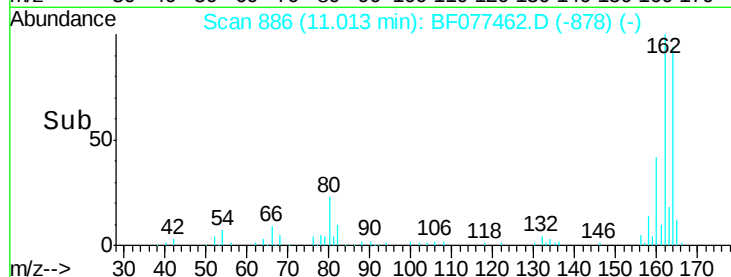
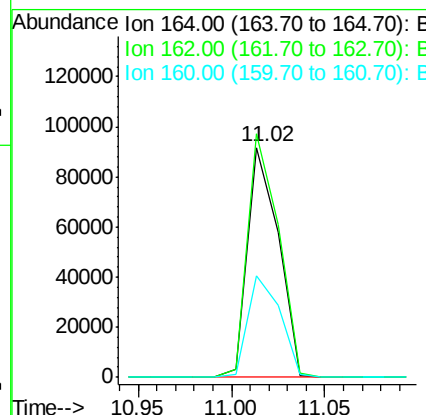
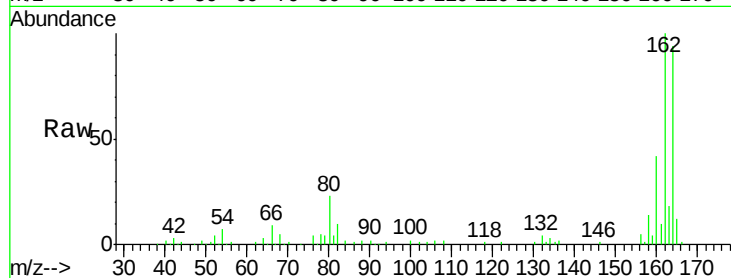




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.01 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF077462.D
Acq: 26 Feb 2015 13:49

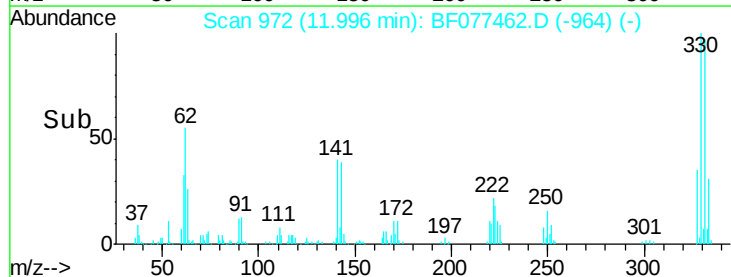
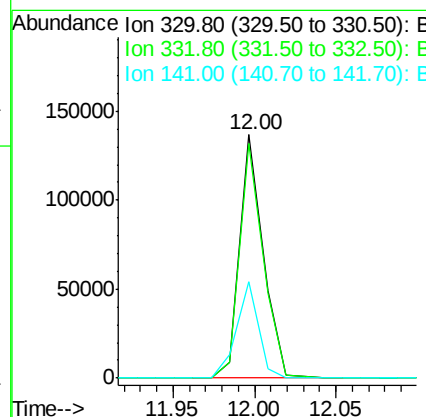
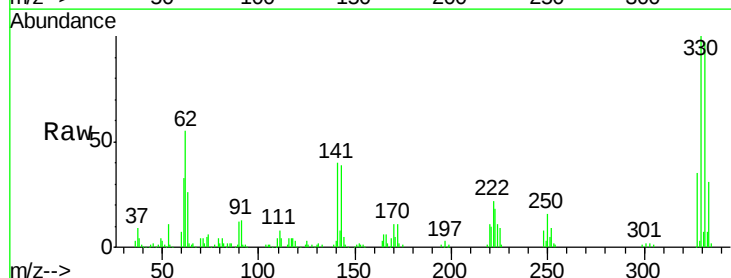
Instrument :
BNA_F
ClientSampleId :
41A-NW-022515

Tgt Ion:164 Resp: 105341
Ion Ratio Lower Upper
164 100
162 105.8 83.2 124.8
160 44.3 34.6 52.0



#41
2,4,6-Tribromophenol
Concen: 133.43 ng
RT: 12.00 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF077462.D
Acq: 26 Feb 2015 13:49

Tgt Ion:330 Resp: 135334
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.2
141 37.1 28.8 43.2

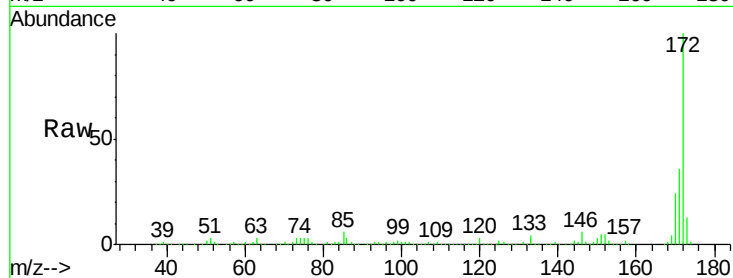




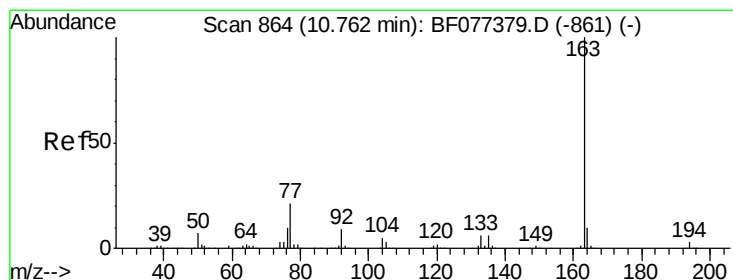
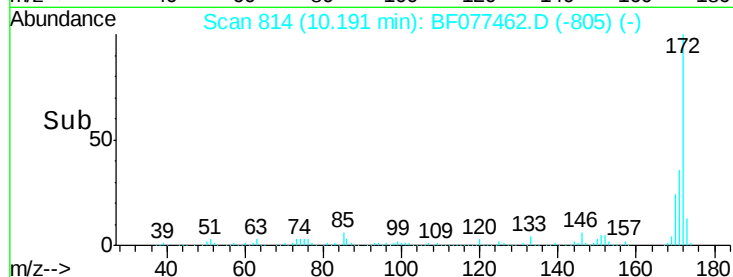
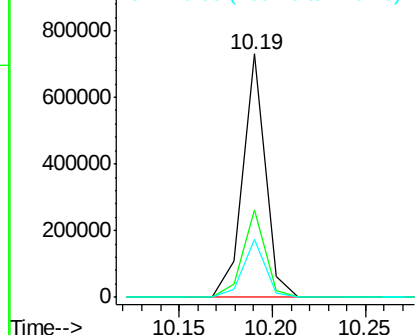
#44
 2-Fluorobiphenyl
 Concen: 92.09 ng
 RT: 10.19 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF077462.D
 Acq: 26 Feb 2015 13:49

Instrument :
 BNA_F
 ClientSampleId :
 41A-NW-022515

Tgt Ion:172 Resp: 622151
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.9 43.3
 170 23.6 19.4 29.2

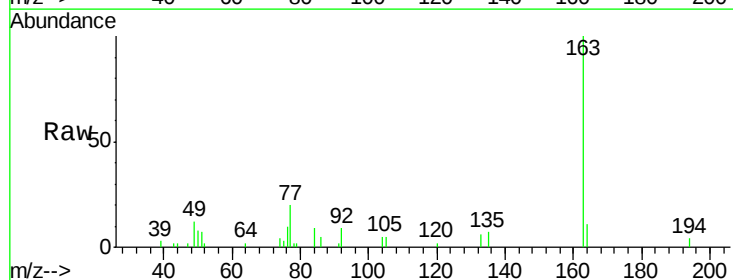


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

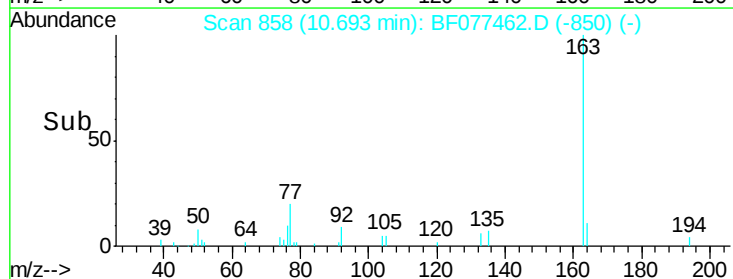
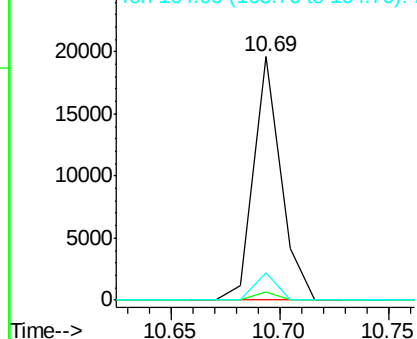


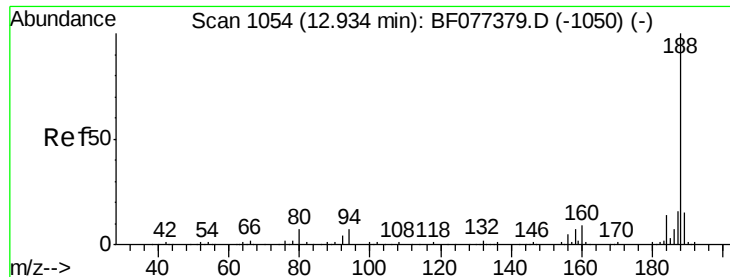
#49
 Dimethylphthalate
 Concen: 2.31 ng
 RT: 10.69 min Scan# 858
 Delta R.T. -0.01 min
 Lab File: BF077462.D
 Acq: 26 Feb 2015 13:49

Tgt Ion:163 Resp: 17109
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.6 4.0
 164 11.1 8.6 13.0



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

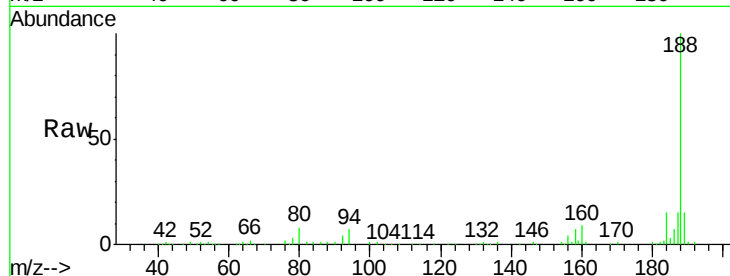




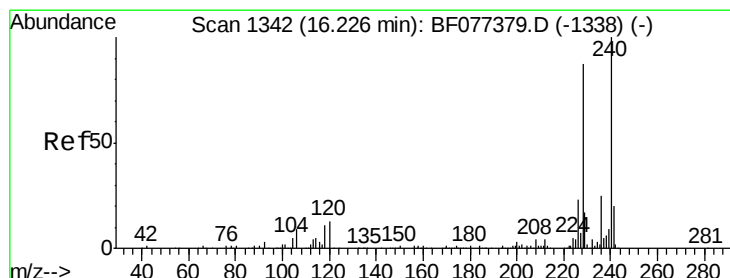
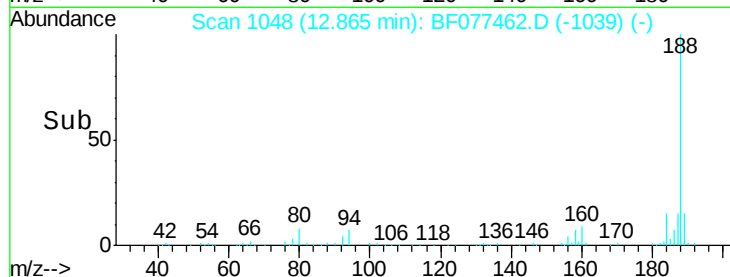
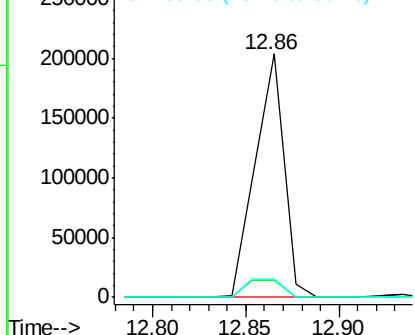
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.87 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF077462.D
Acq: 26 Feb 2015 13:49

Instrument :
BNA_F
ClientSampleId :
41A-NW-022515

Tgt Ion:188 Resp: 217209
Ion Ratio Lower Upper
188 100
94 7.3 7.4 11.2#
80 7.6 8.0 12.0#

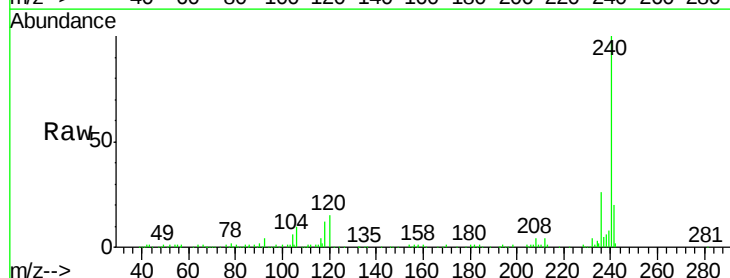


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

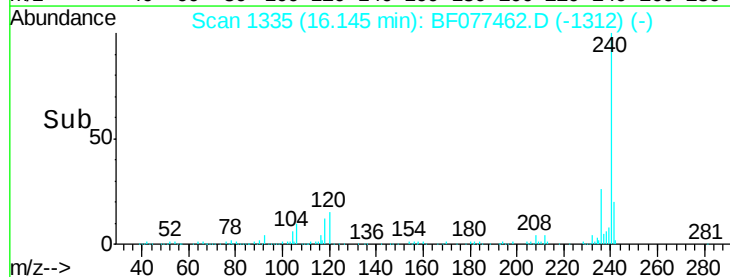
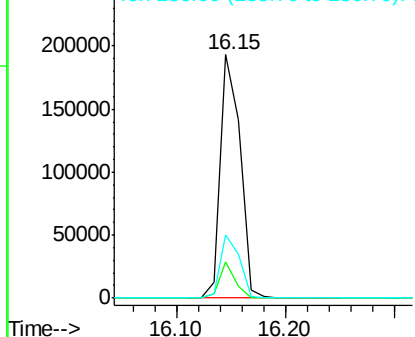


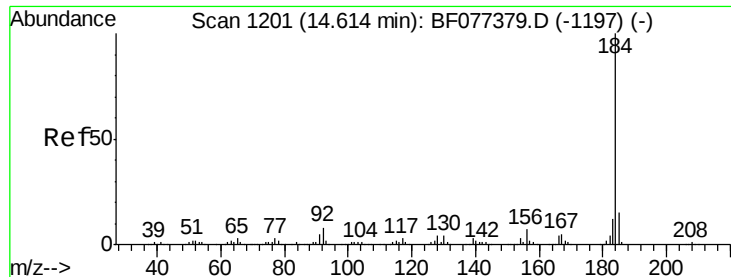
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.15 min Scan# 1335
Delta R.T. -0.03 min
Lab File: BF077462.D
Acq: 26 Feb 2015 13:49

Tgt Ion:240 Resp: 245130
Ion Ratio Lower Upper
240 100
120 14.7 8.8 13.2#
236 26.0 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





#76

Benzidine

Concen: 2.77 ng

RT: 14.55 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF077462.D

Acq: 26 Feb 2015 13:49

Instrument :

BNA_F

ClientSampleId :

41A-NW-022515

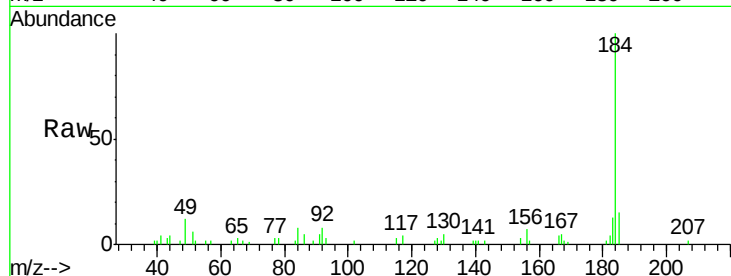
Tgt Ion:184 Resp: 22925

Ion Ratio Lower Upper

184 100

185 15.1 12.6 18.8

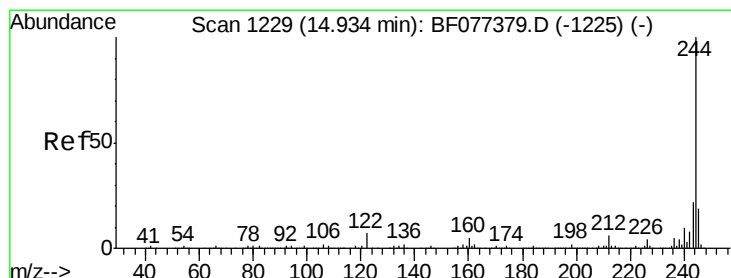
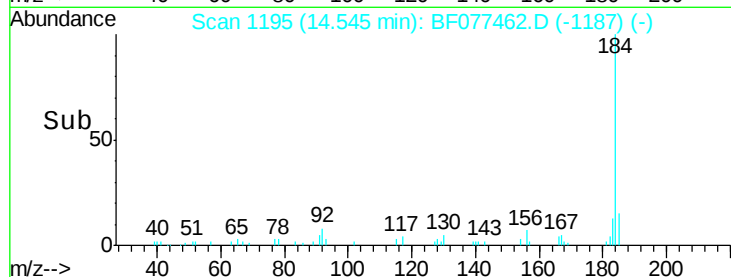
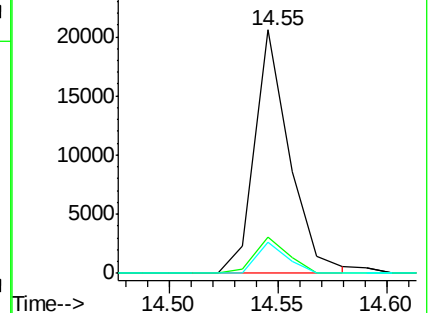
183 12.8 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 77.23 ng

RT: 14.87 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BF077462.D

Acq: 26 Feb 2015 13:49

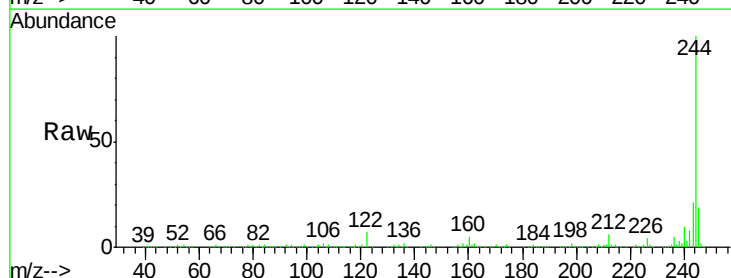
Tgt Ion:244 Resp: 809797

Ion Ratio Lower Upper

244 100

212 5.9 5.2 7.8

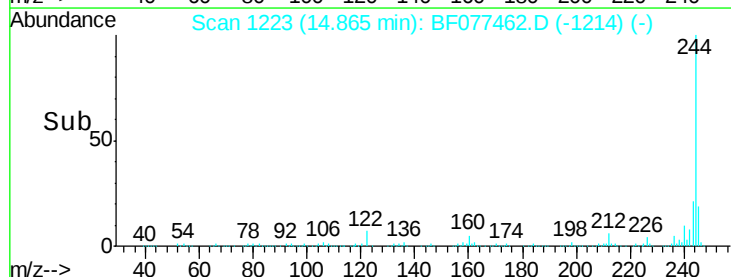
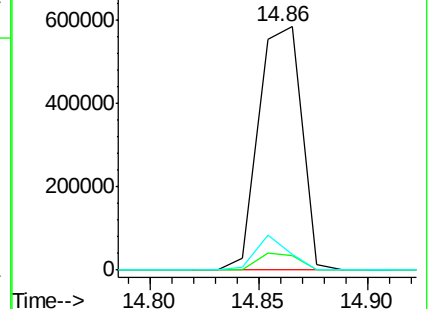
122 6.7 7.8 11.8#

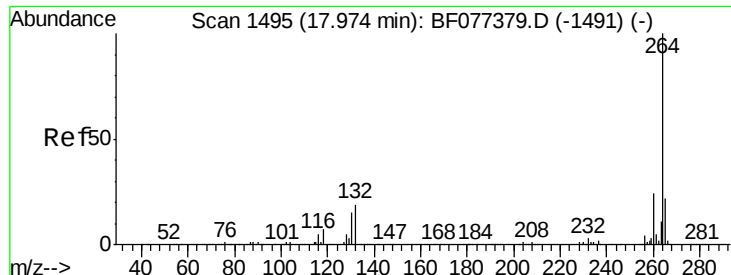


Abundance Ion 244.00 (243.70 to 244.70): E

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: 17.89 min Scan# 1488
Delta R.T. -0.11 min
Lab File: BF077462.D
Acq: 26 Feb 2015 13:49

Instrument :
BNA_F
ClientSampleId :
41A-NW-022515

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	21.5	16.8	25.2

