

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
 Data File : BF085141.D
 Acq On : 3 Mar 2016 1:24
 Operator : SJ/IZ
 Sample : H1623-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-33-022516

Quant Time: Mar 03 06:42:14 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 13:25:39 2016
 Response via : Initial Calibration

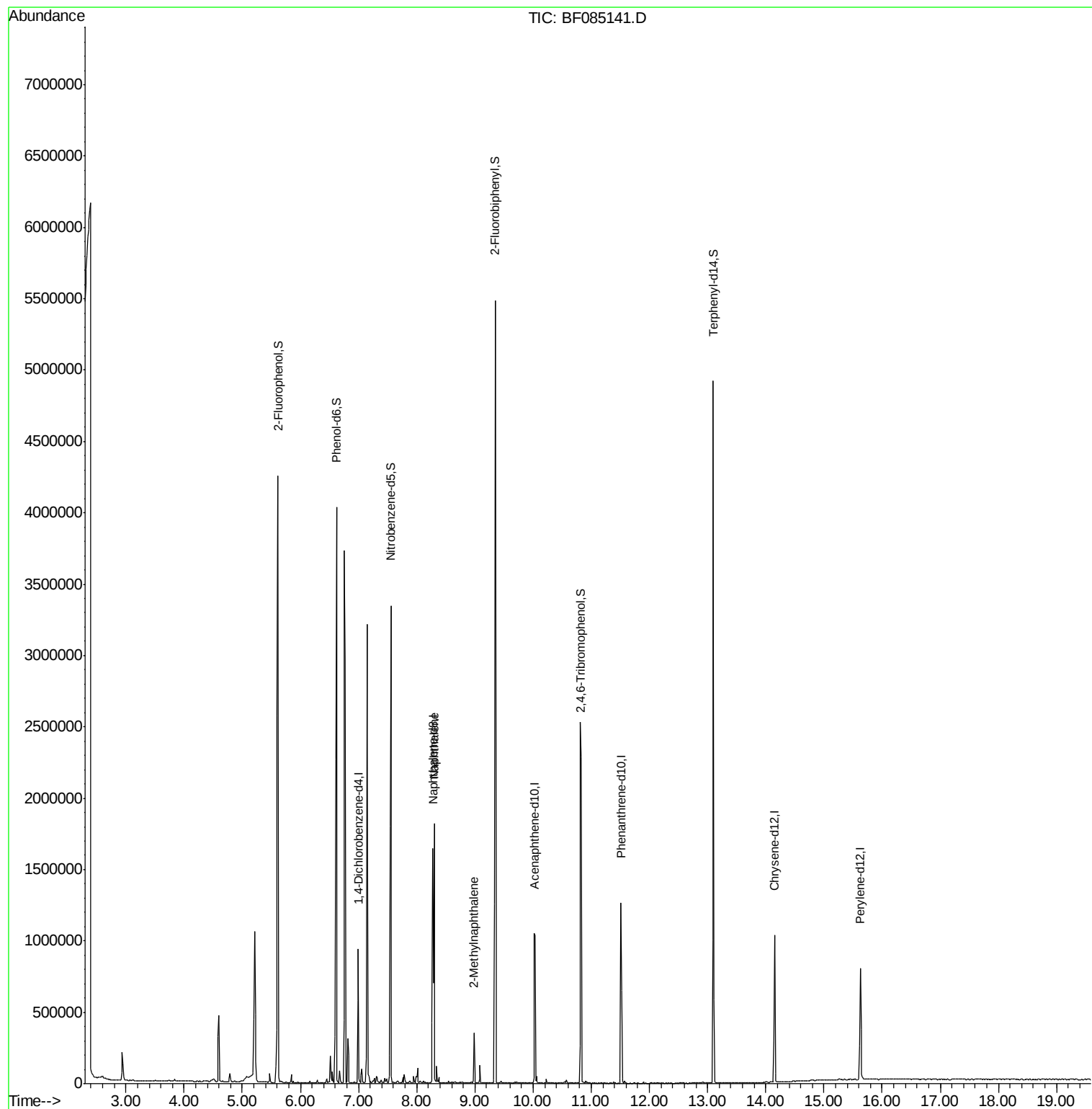
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	172558	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	713242	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	308682	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	532332	20.00	ng	0.00
75) Chrysene-d12	14.15	240	356759	20.00	ng	0.00
86) Perylene-d12	15.63	264	377327	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1407010	132.37	ng	0.03
7) Phenol-d6	6.62	99	1654365	118.73	ng	0.00
23) Nitrobenzene-d5	7.56	82	1273923	95.03	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	531258	171.26	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1754341	83.70	ng	0.00
78) Terphenyl-d14	13.10	244	1472356	96.81	ng	0.00
Target Compounds						
31) Naphthalene	8.30	128	846358	23.46	ng	98
37) 2-Methylnaphthalene	8.98	142	91476	4.15	ng	97

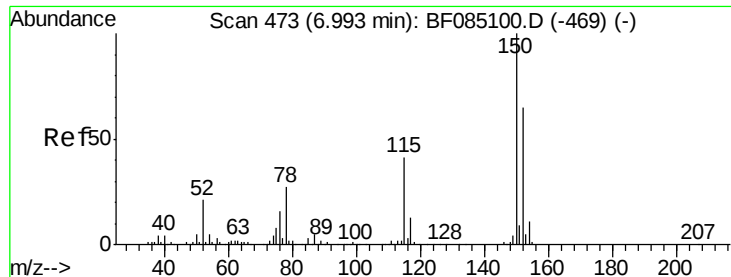
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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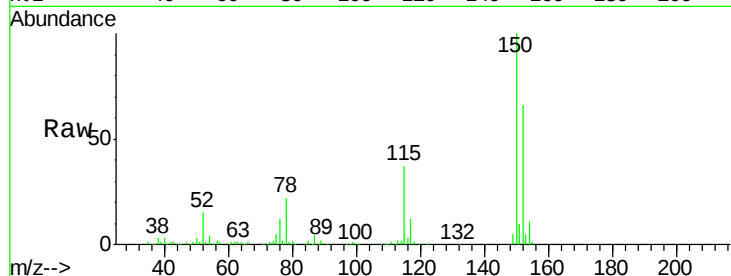


#1

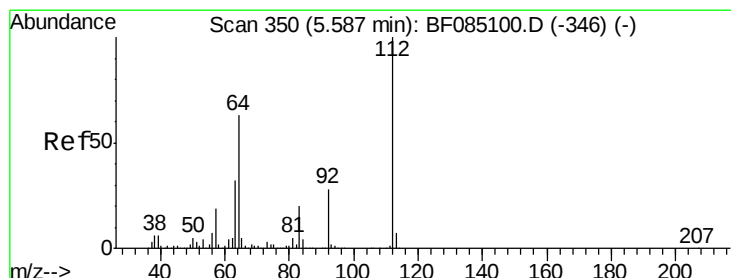
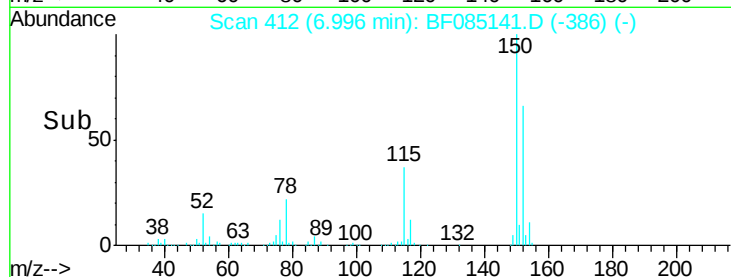
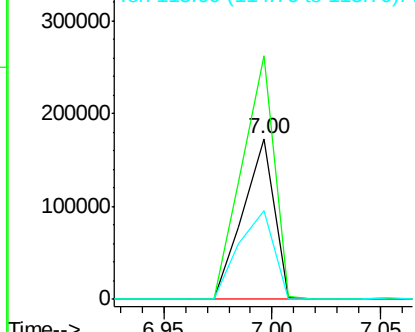
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF085141.D
Acq: 3 Mar 2016 1:24

Instrument :
BNA_F
ClientSampleId :
HSR-WC-33-022516

Tgt Ion:152 Resp: 172558
Ion Ratio Lower Upper
152 100
150 151.7 123.4 185.0
115 55.6 50.0 75.0



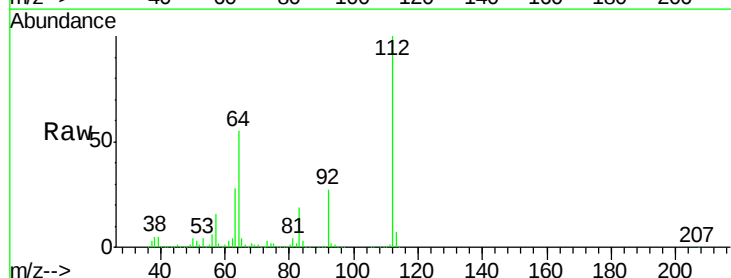
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



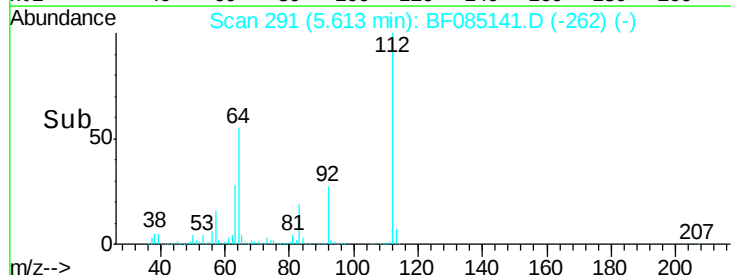
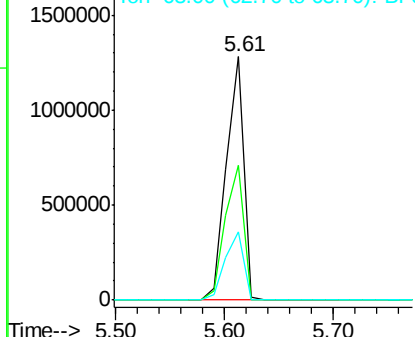
#5

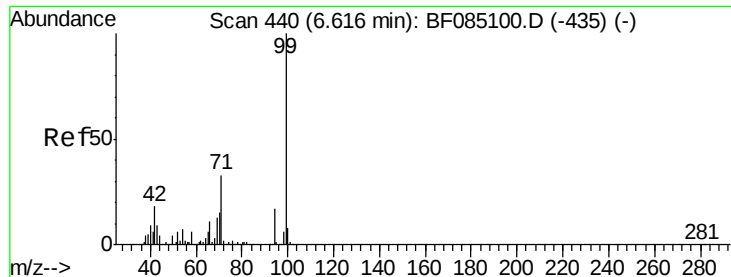
2-Fluorophenol
Concen: 132.37 ng
RT: 5.61 min Scan# 291
Delta R.T. 0.03 min
Lab File: BF085141.D
Acq: 3 Mar 2016 1:24

Tgt Ion:112 Resp: 1407010
Ion Ratio Lower Upper
112 100
64 55.4 50.6 76.0
63 28.1 25.5 38.3



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: 118.73 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085141.D

Acq: 3 Mar 2016 1:24

Instrument :

BNA_F

ClientSampleId :

HSR-WC-33-022516

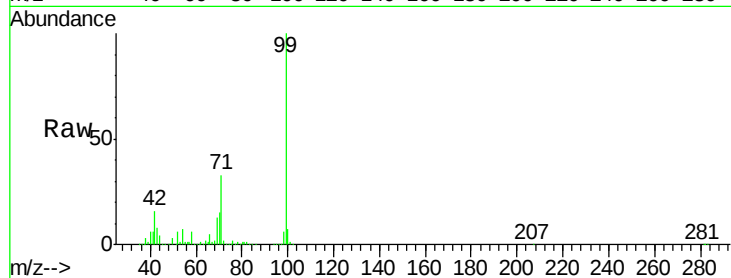
Tgt Ion: 99 Resp: 1654365

Ion Ratio Lower Upper

99 100

42 16.3 14.1 21.1

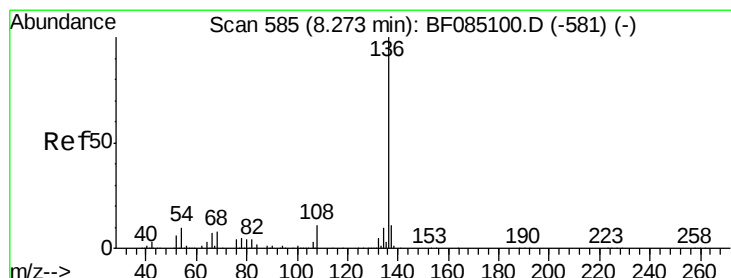
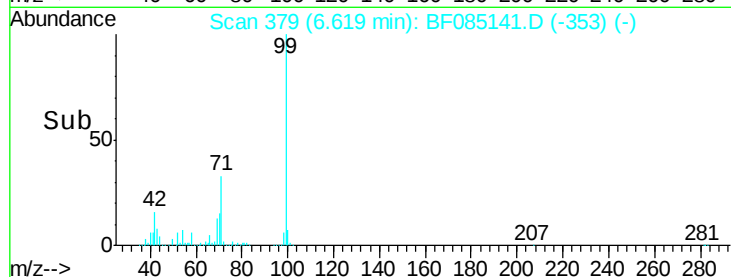
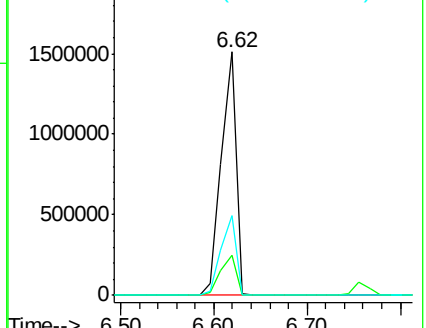
71 32.7 26.8 40.2



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: 8.28 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF085141.D

Acq: 3 Mar 2016 1:24

Tgt Ion: 136 Resp: 713242

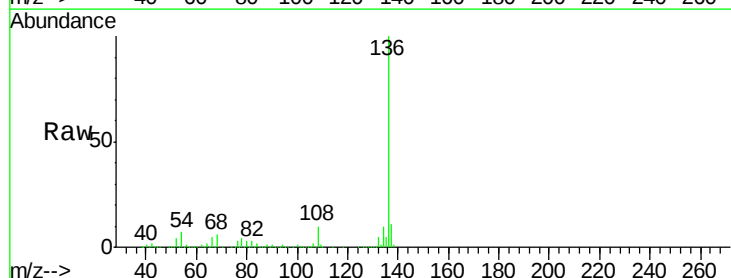
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.1 8.5 12.7#

68 6.0 6.4 9.6#

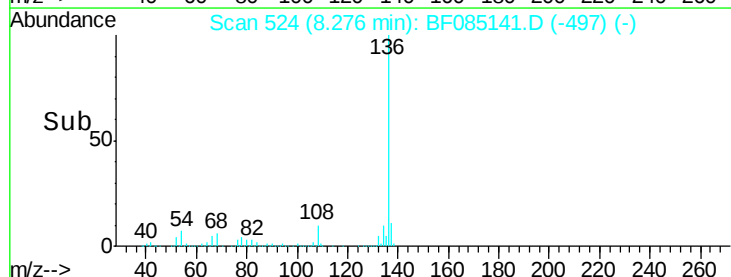
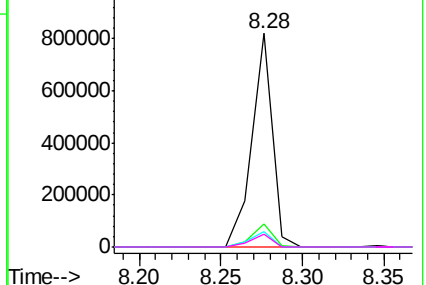


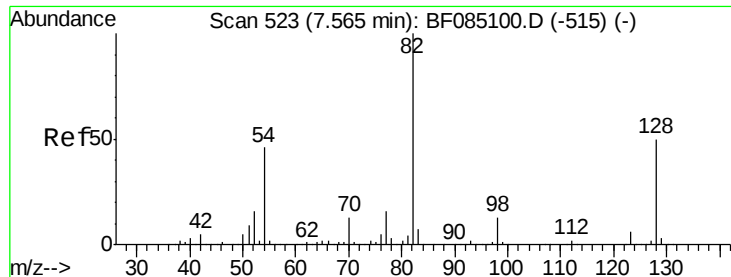
Abundance Ion 136.00 (135.70 to 136.70): E

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

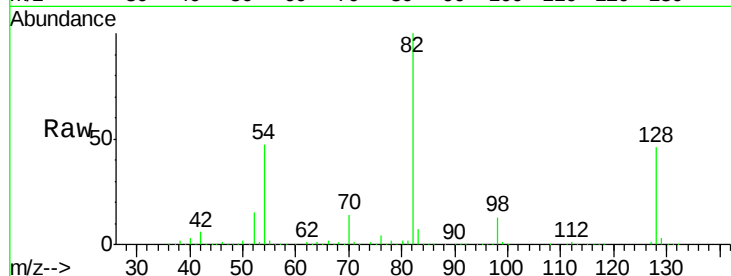




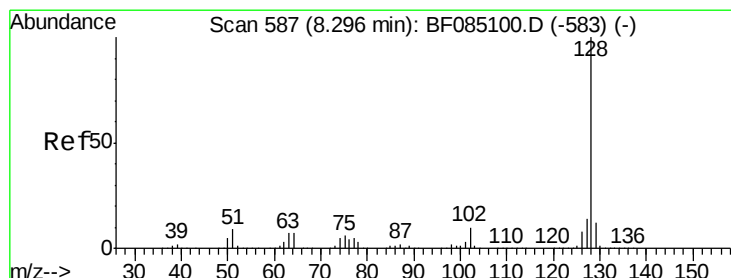
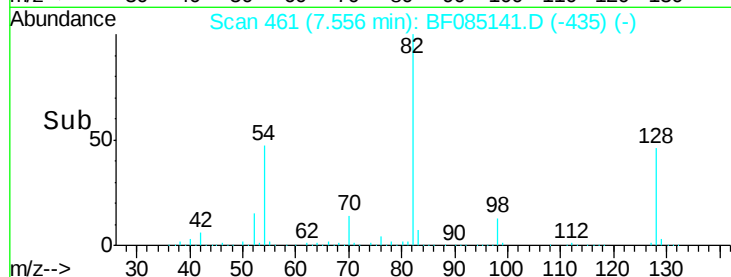
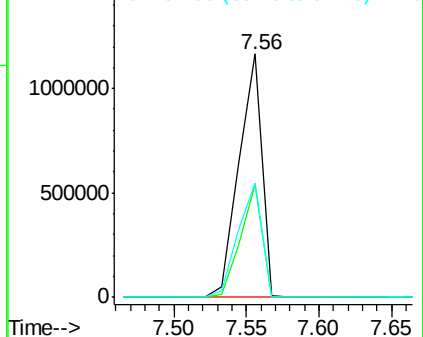
#23
Nitrobenzene-d5
Concen: 95.03 ng
RT: 7.56 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF085141.D
Acq: 3 Mar 2016 1:24

Instrument :
BNA_F
ClientSampleId :
HSR-WC-33-022516

Tgt Ion: 82 Resp: 1273923
Ion Ratio Lower Upper
82 100
128 46.4 39.8 59.6
54 46.8 36.6 54.8

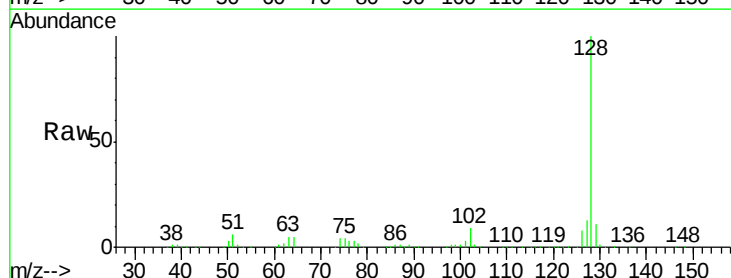


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

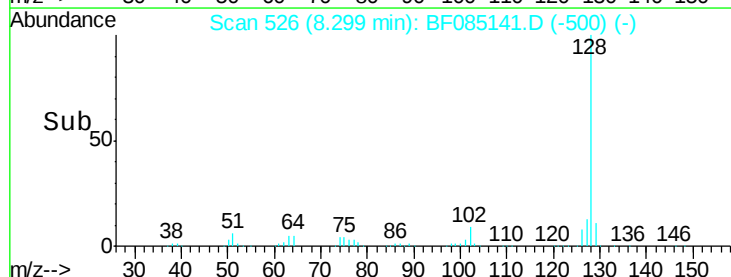
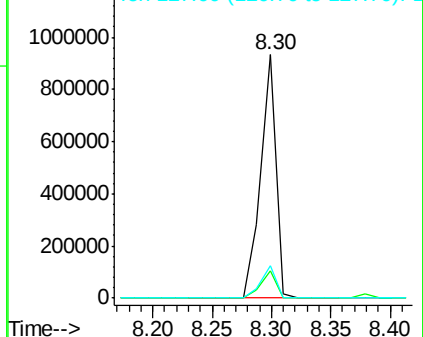


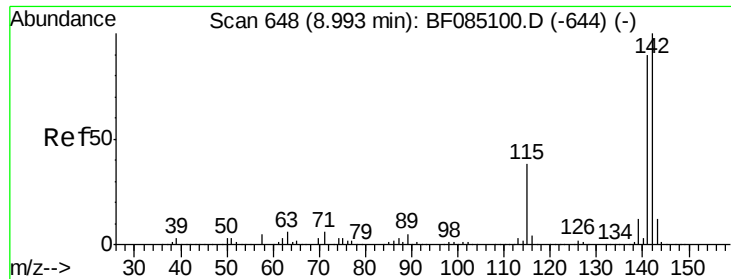
#31
Naphthalene
Concen: 23.46 ng
RT: 8.30 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF085141.D
Acq: 3 Mar 2016 1:24

Tgt Ion: 128 Resp: 846358
Ion Ratio Lower Upper
128 100
129 11.1 9.7 14.5
127 13.4 11.1 16.7



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

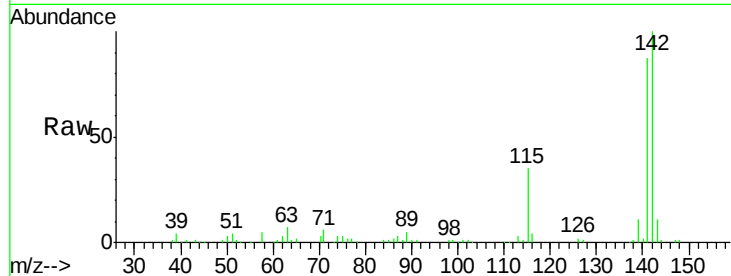




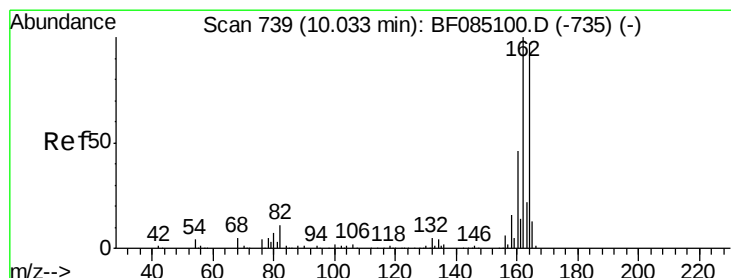
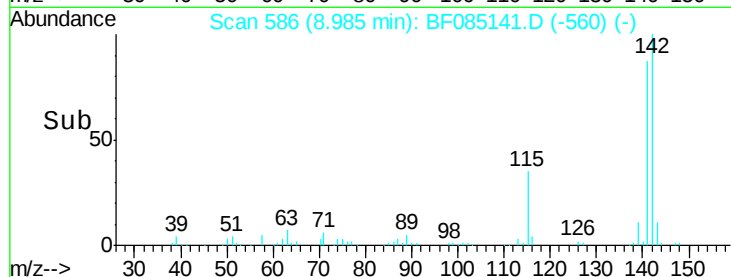
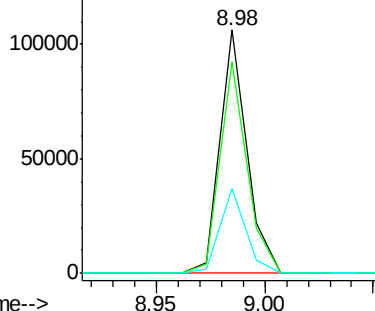
#37
 2-Methylnaphthalene
 Concen: 4.15 ng
 RT: 8.98 min Scan# 586
 Delta R.T. -0.01 min
 Lab File: BF085141.D
 Acq: 3 Mar 2016 1:24

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-33-022516

Tgt Ion:142 Resp: 91476
 Ion Ratio Lower Upper
 142 100
 141 87.0 71.7 107.5
 115 35.0 30.1 45.1

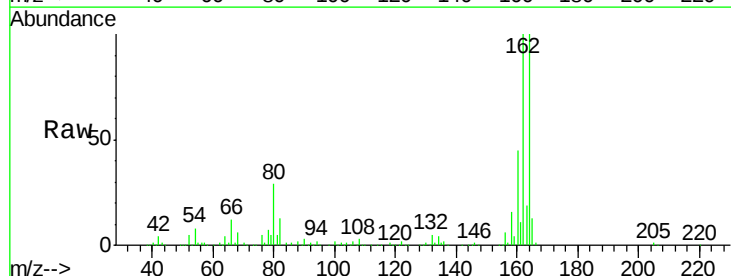


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

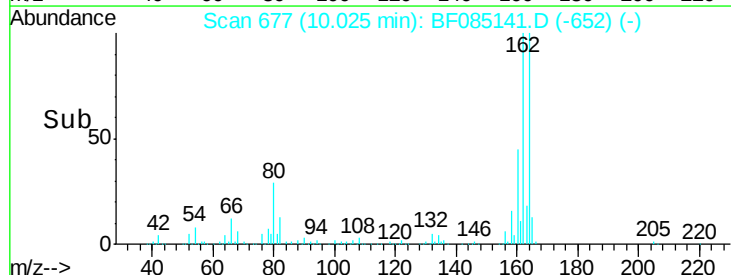
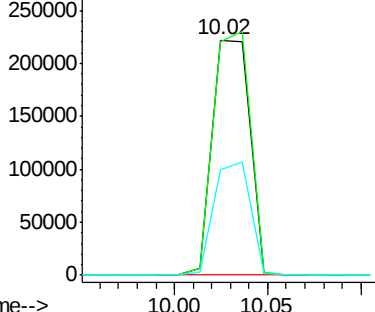


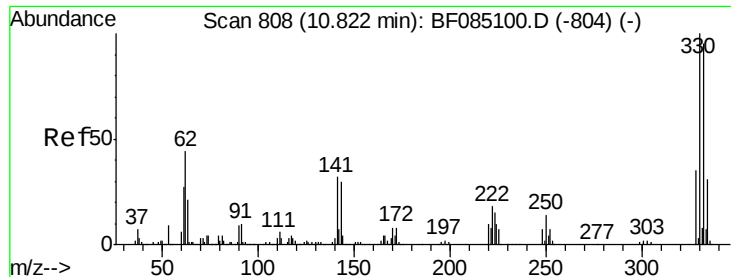
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.02 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: BF085141.D
 Acq: 3 Mar 2016 1:24

Tgt Ion:164 Resp: 308682
 Ion Ratio Lower Upper
 164 100
 162 99.7 82.6 123.8
 160 44.9 38.2 57.2



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

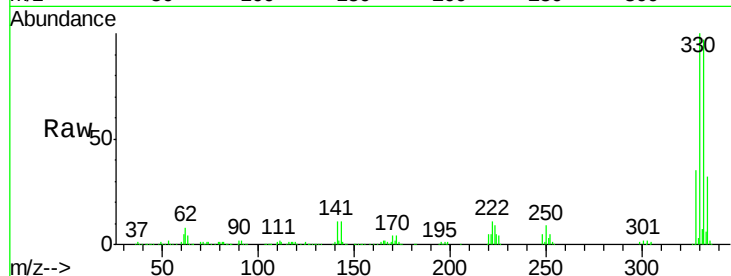




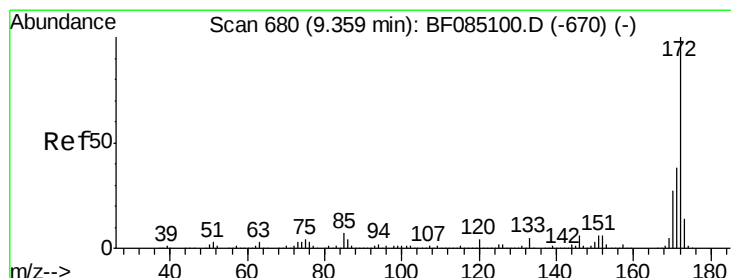
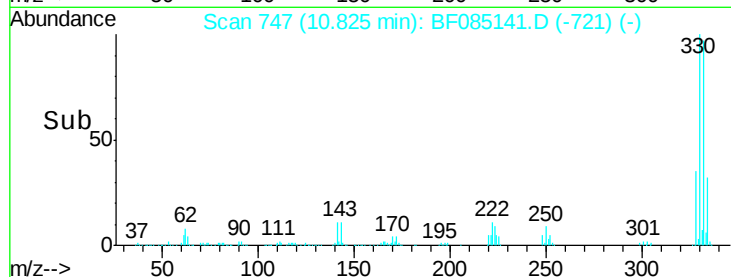
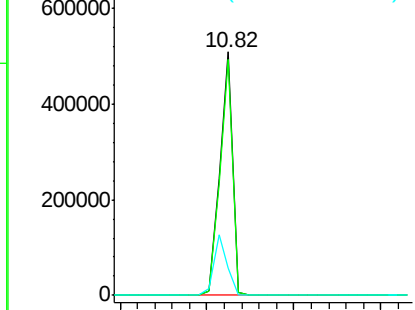
#41
 2,4,6-Tribromophenol
 Concen: 171.26 ng
 RT: 10.82 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF085141.D
 Acq: 3 Mar 2016 1:24

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-33-022516

Tgt Ion:330 Resp: 531258
 Ion Ratio Lower Upper
 330 100
 332 96.5 75.9 113.9
 141 25.8 28.9 43.3#

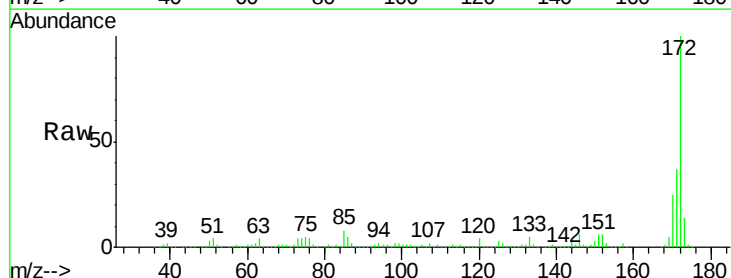


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

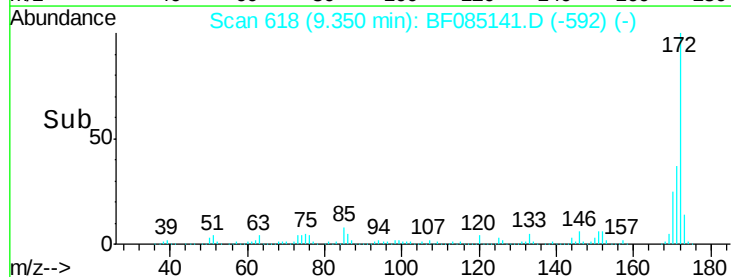
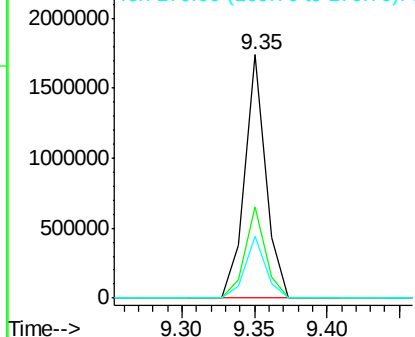


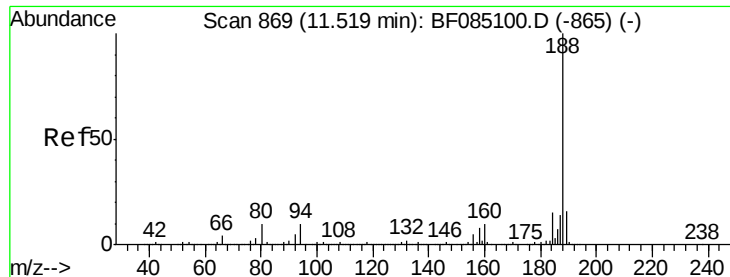
#44
 2-Fluorobiphenyl
 Concen: 83.70 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF085141.D
 Acq: 3 Mar 2016 1:24

Tgt Ion:172 Resp: 1754341
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.5 45.7
 170 25.2 21.2 31.8



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

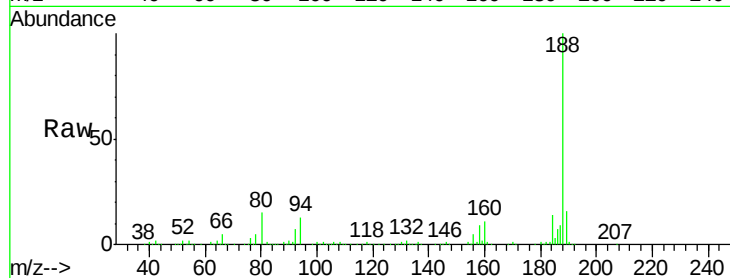




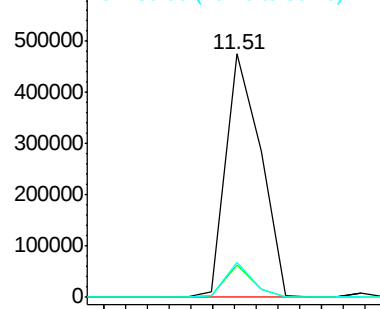
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.51 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF085141.D
Acq: 3 Mar 2016 1:24

Instrument :
BNA_F
ClientSampleId :
HSR-WC-33-022516

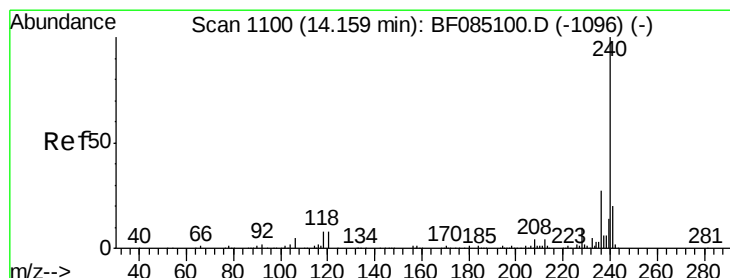
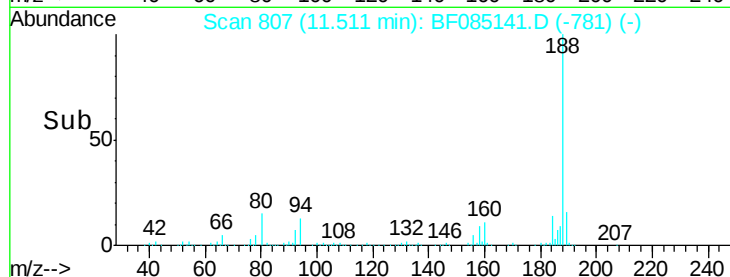
Tgt Ion:188 Resp: 532332
Ion Ratio Lower Upper
188 100
94 13.1 7.8 11.6#
80 14.6 8.2 12.4#



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

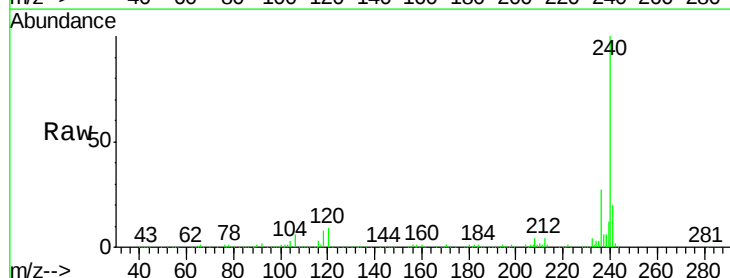


Time--> 11.45 11.50 11.55

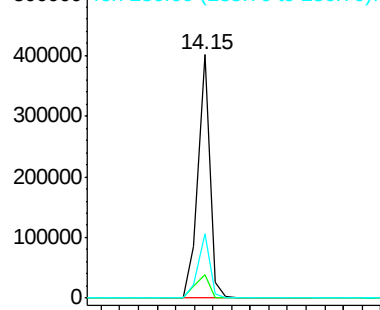


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF085141.D
Acq: 3 Mar 2016 1:24

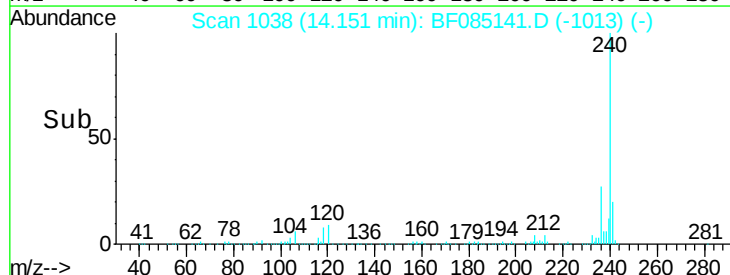
Tgt Ion:240 Resp: 356759
Ion Ratio Lower Upper
240 100
120 9.4 6.7 10.1
236 26.5 21.6 32.4

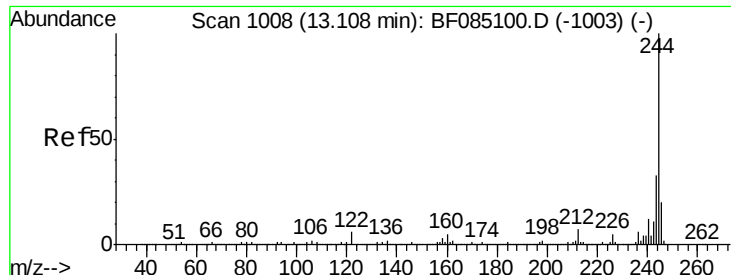


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 14.10 14.20 14.30





#78

Terphenyl-d14

Concen: 96.81 ng

RT: 13.10 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF085141.D

Acq: 3 Mar 2016 1:24

Instrument :

BNA_F

ClientSampleId :

HSR-WC-33-022516

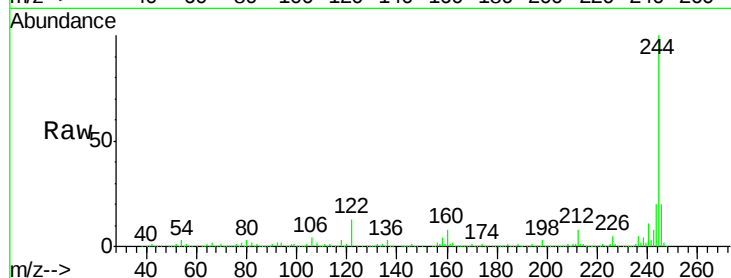
Tgt Ion:244 Resp: 1472356

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.0

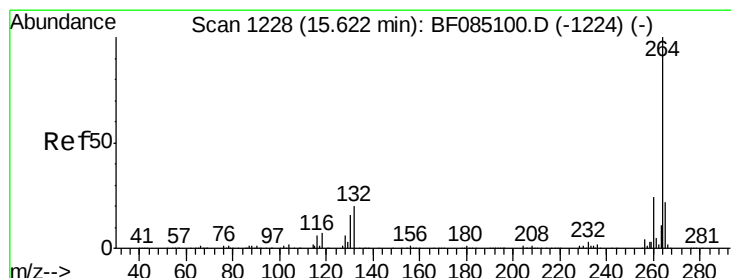
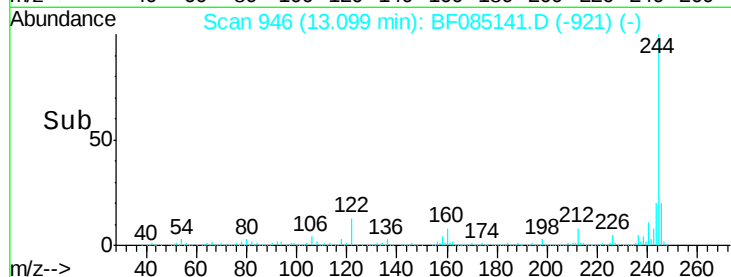
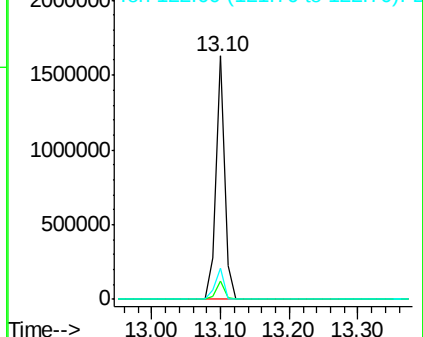
122 12.6 5.1 7.7#



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: 15.63 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF085141.D

Acq: 3 Mar 2016 1:24

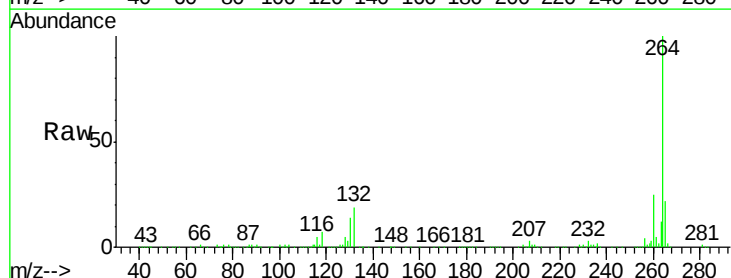
Tgt Ion:264 Resp: 377327

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

265 21.7 17.4 26.2



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

