

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031016\
 Data File : BF085356.D
 Acq On : 11 Mar 2016 2:13
 Operator : UM/SJ
 Sample : H1623-03RE
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-30-022516RE

Quant Time: Mar 11 02:52:45 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 11 00:01:03 2016
 Response via : Initial Calibration

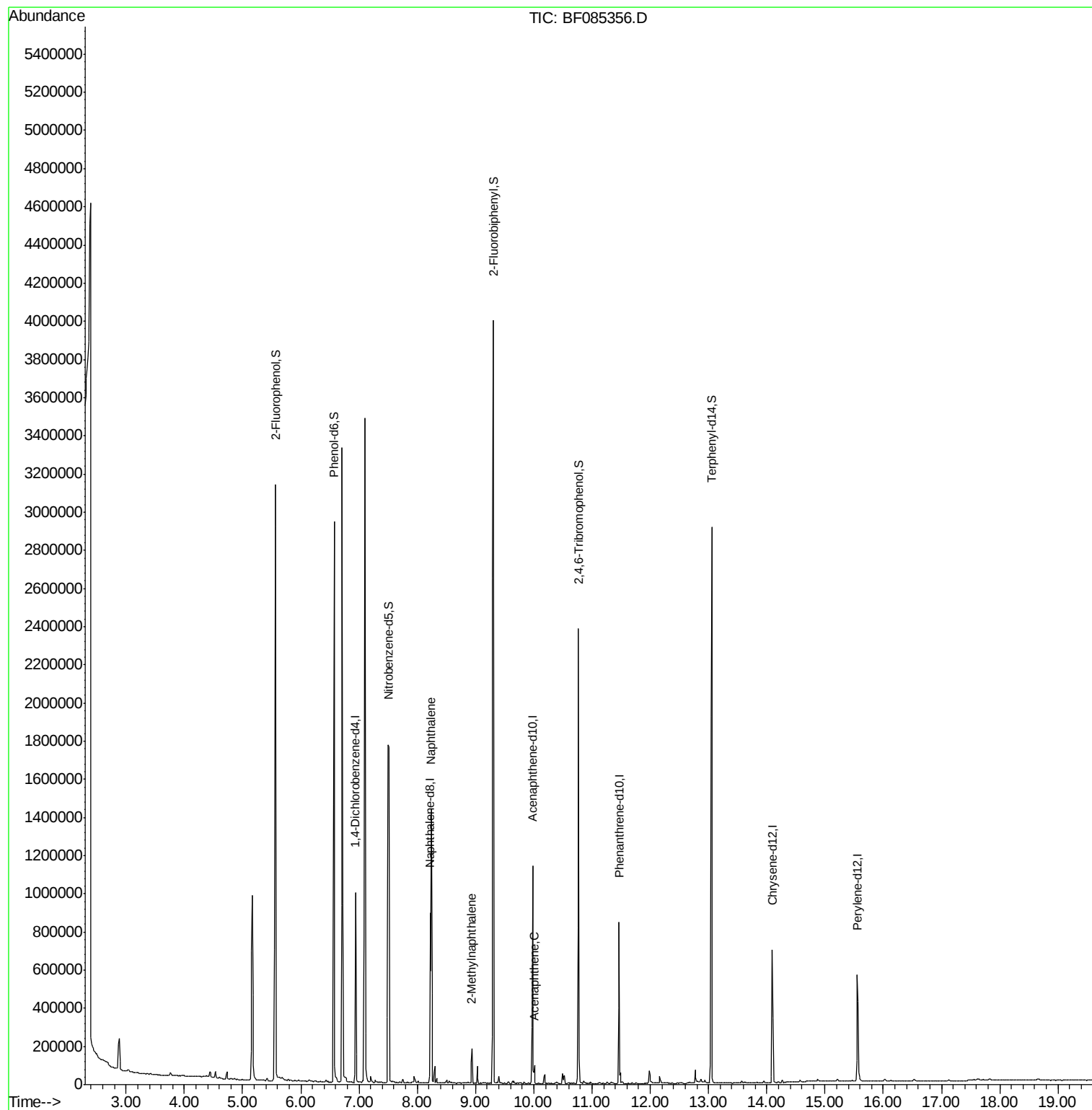
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	140250	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	514611	20.00	ng	-0.01
38) Acenaphthene-d10	9.98	164	223036	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	355414	20.00	ng	0.00
75) Chrysene-d12	14.09	240	271254	20.00	ng	-0.01
86) Perylene-d12	15.56	264	284920	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1454757	173.99	ng	0.03
7) Phenol-d6	6.57	99	1235962	112.83	ng	0.01
23) Nitrobenzene-d5	7.50	82	960838	99.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.77	330	294830	154.49	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1635719	111.54	ng	0.00
78) Terphenyl-d14	13.05	244	1159449	99.23	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.24	128	687254	27.16	ng	98
37) 2-Methylnaphthalene	8.94	142	63082	3.88	ng	98
51) Acenaphthene	10.01	154	27723	2.02	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: 6.94 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF085356.D

Acq: 11 Mar 2016 2:13

Instrument :

BNA_F

ClientSampleId :

HSR-WC-30-022516RE

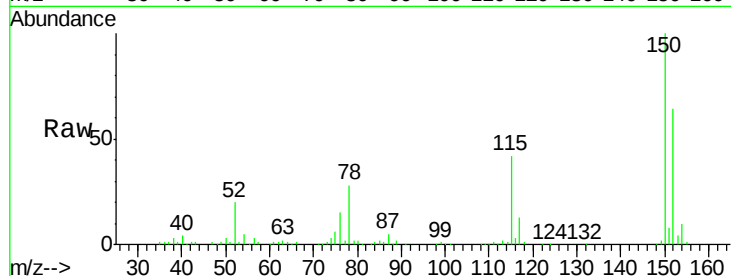
Tot Ion:152 Resp: 140250

Ion Ratio Lower Upper

152 100

150 157.2 124.6 186.8

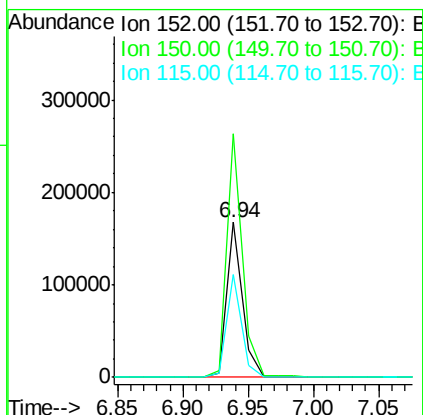
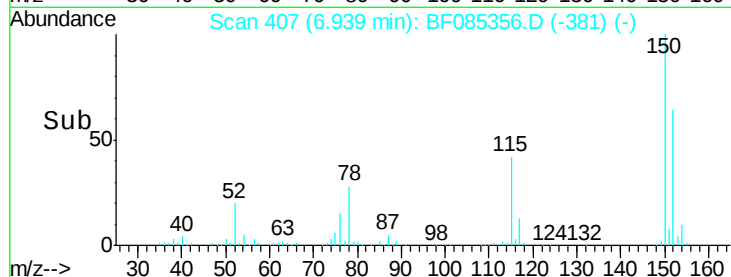
115 66.6 46.6 70.0



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: 173.99 ng

RT: 5.57 min Scan# 287

Delta R.T. 0.03 min

Lab File: BF085356.D

Acq: 11 Mar 2016 2:13

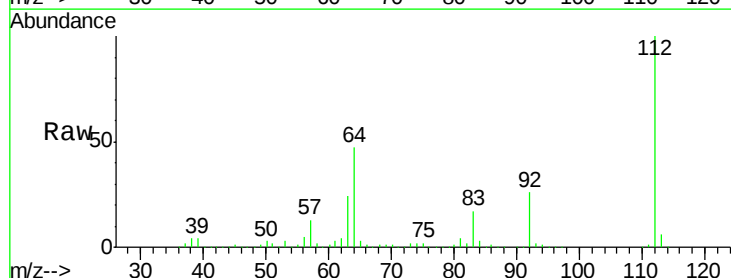
Tgt Ion:112 Resp: 1454757

Ion Ratio Lower Upper

112 100

64 47.2 49.0 73.4#

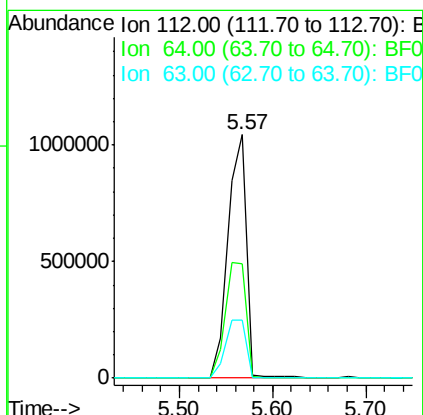
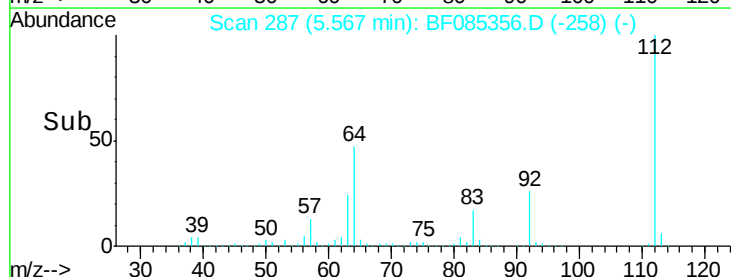
63 23.6 24.8 37.2#



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: 112.83 ng

RT: 6.57 min Scan# 375

Delta R.T. 0.01 min

Lab File: BF085356.D

Acq: 11 Mar 2016 2:13

Instrument :

BNA_F

ClientSampleId :

HSR-WC-30-022516RE

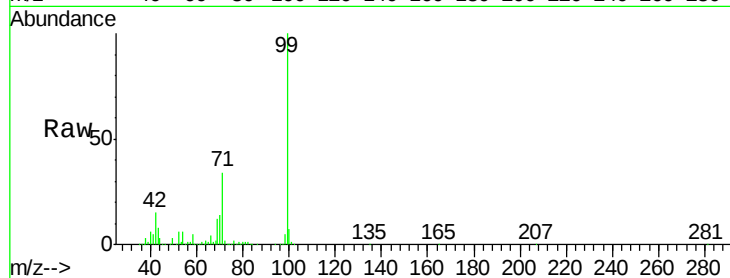
Tot Ion: 99 Resp: 1235962

Ion Ratio Lower Upper

99 100

42 14.8 13.6 20.4

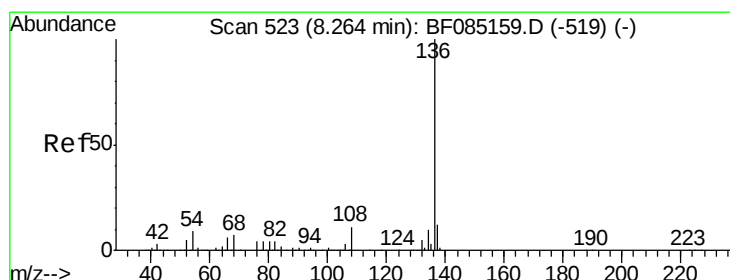
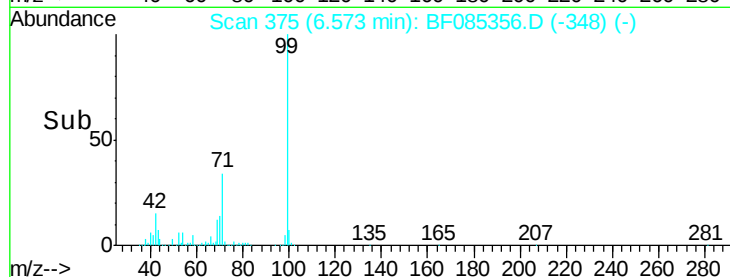
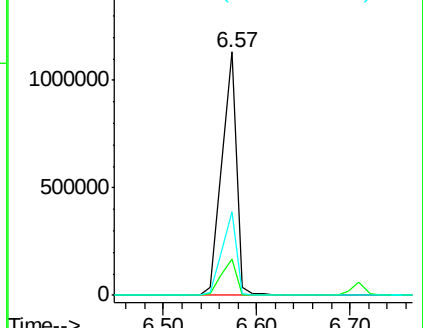
71 34.3 26.7 40.1



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF085356.D

Acq: 11 Mar 2016 2:13

Tgt Ion: 136 Resp: 514611

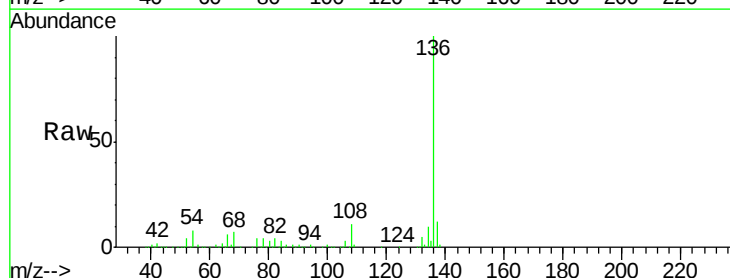
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 8.4 7.4 11.2

68 7.0 6.0 9.0

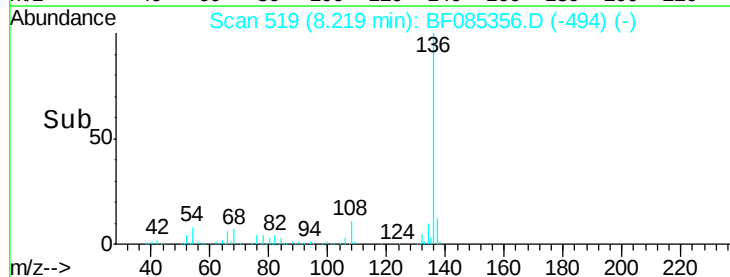
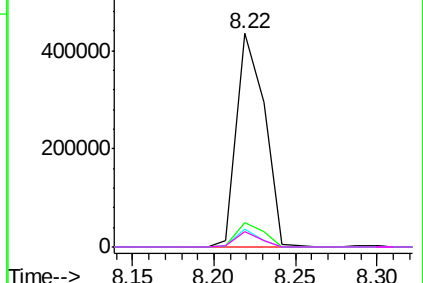


Abundance Ion 136.00 (135.70 to 136.70): E

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

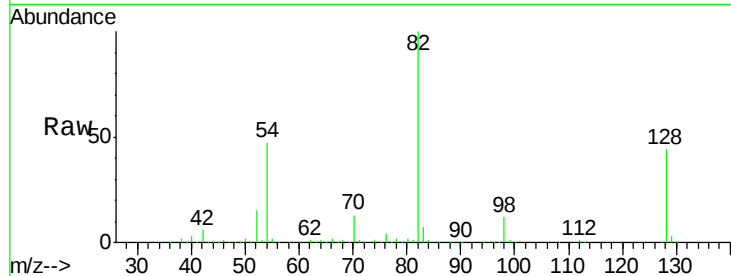




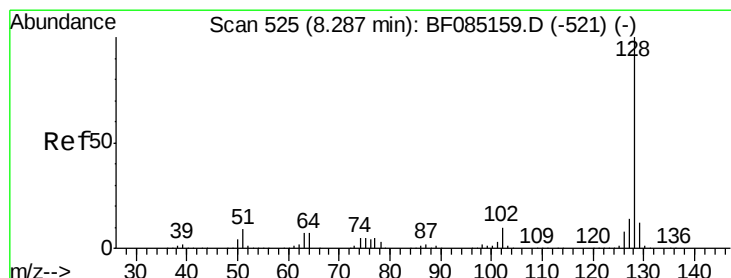
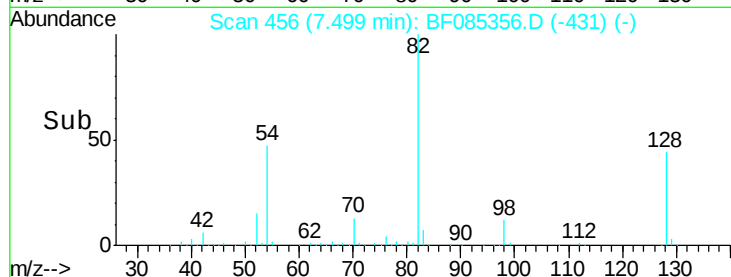
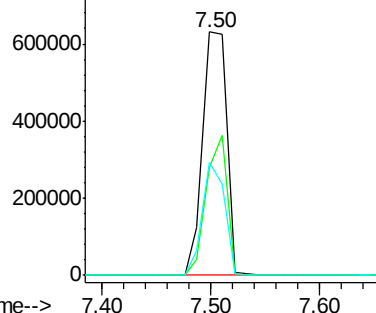
#23
Nitrobenzene-d5
Concen: 99.91 ng
RT: 7.50 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF085356.D
Acq: 11 Mar 2016 2:13

Instrument :
BNA_F
ClientSampleId :
HSR-WC-30-022516RE

Tot Ion: 82 Resp: 960838
Ion Ratio Lower Upper
82 100
128 44.4 34.5 51.7
54 46.6 39.3 58.9

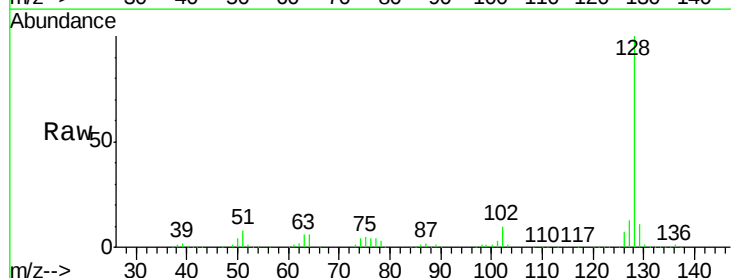


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

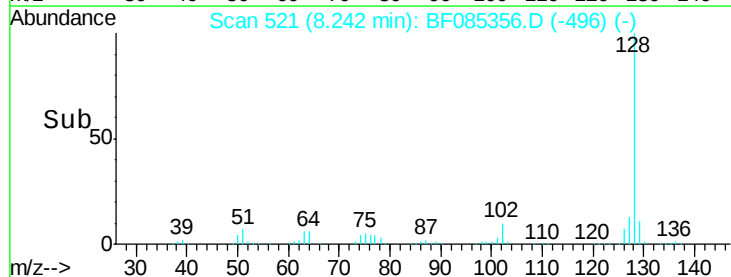
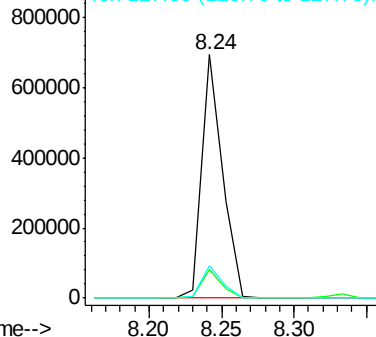


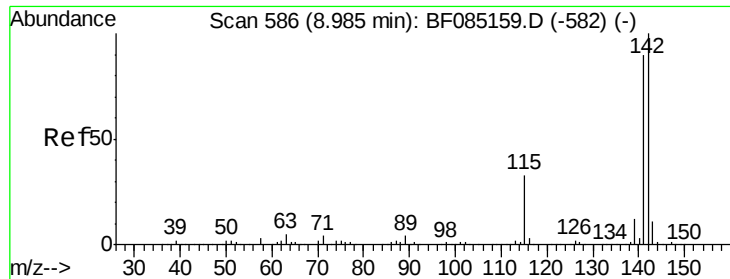
#31
Naphthalene
Concen: 27.16 ng
RT: 8.24 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF085356.D
Acq: 11 Mar 2016 2:13

Tgt Ion: 128 Resp: 687254
Ion Ratio Lower Upper
128 100
129 11.5 9.7 14.5
127 13.2 11.2 16.8



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

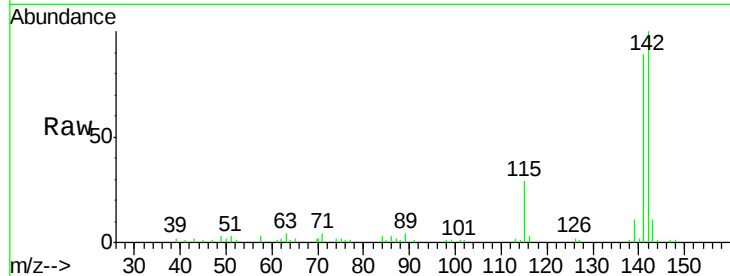




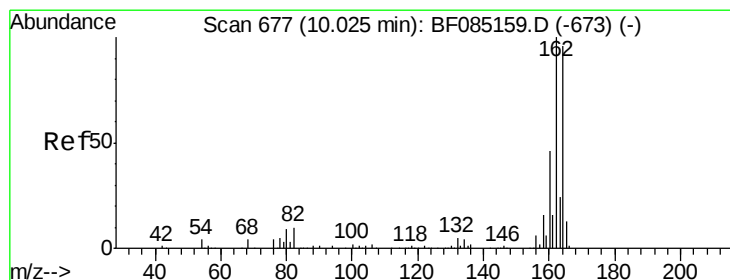
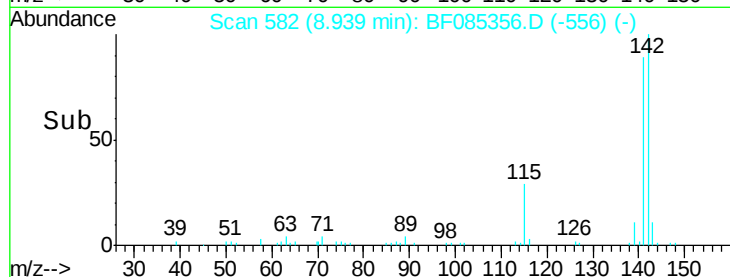
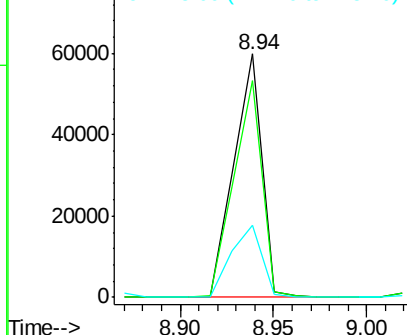
#37
 2-Methylnaphthalene
 Concen: 3.88 ng
 RT: 8.94 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: BF085356.D
 Acq: 11 Mar 2016 2:13

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-30-022516RE

Tot Ion:142 Resp: 63082
 Ion Ratio Lower Upper
 142 100
 141 89.0 71.7 107.5
 115 29.4 26.2 39.4

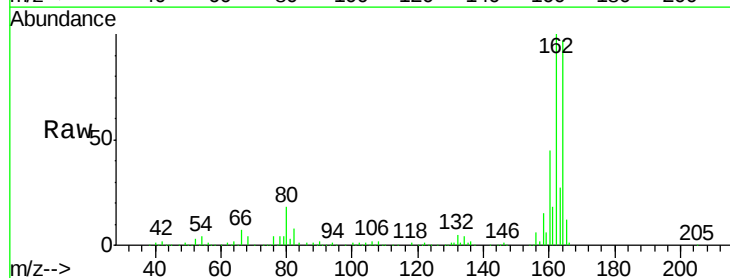


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

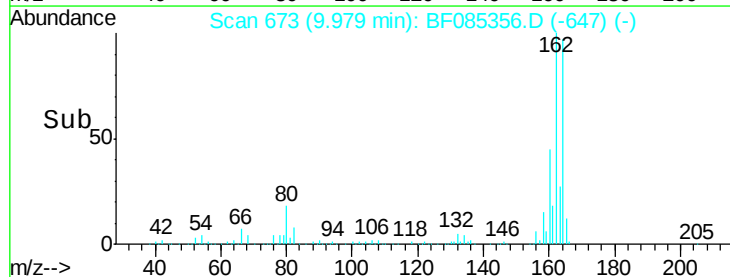
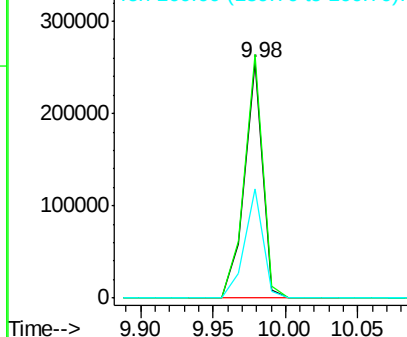


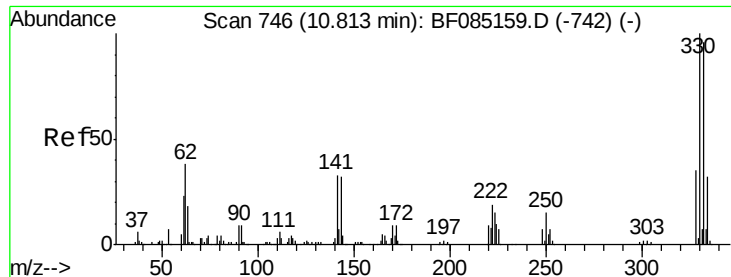
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 673
 Delta R.T. -0.00 min
 Lab File: BF085356.D
 Acq: 11 Mar 2016 2:13

Tgt Ion:164 Resp: 223036
 Ion Ratio Lower Upper
 164 100
 162 103.4 83.3 124.9
 160 46.2 37.9 56.9



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

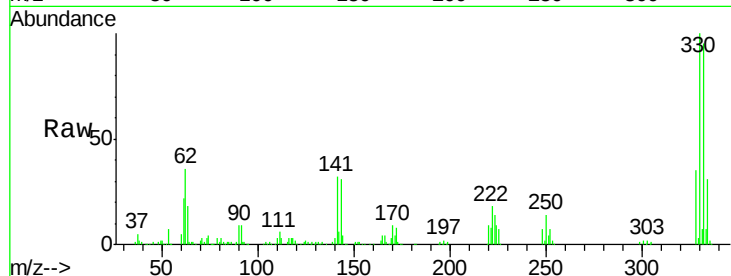




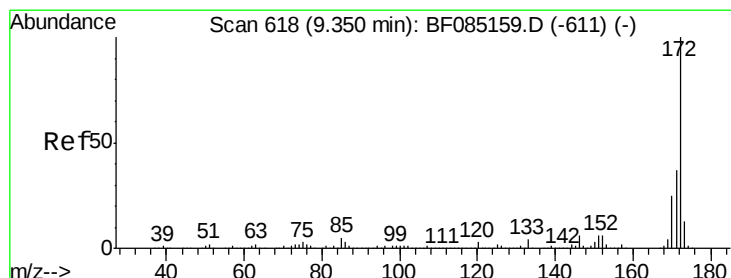
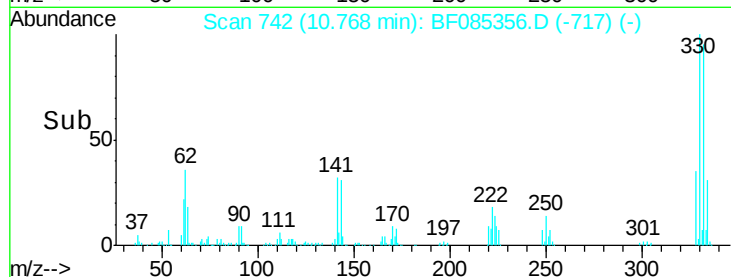
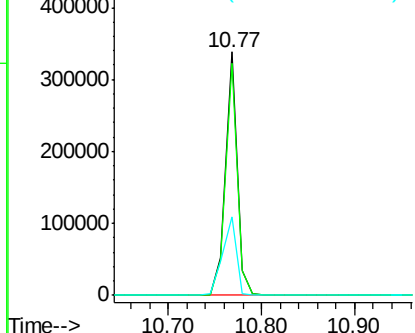
#41
 2,4,6-Tribromophenol
 Concen: 154.49 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF085356.D
 Acq: 11 Mar 2016 2:13

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-30-022516RE

Tot Ion:330 Resp: 294830
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.1 115.7
 141 37.6 35.0 52.6

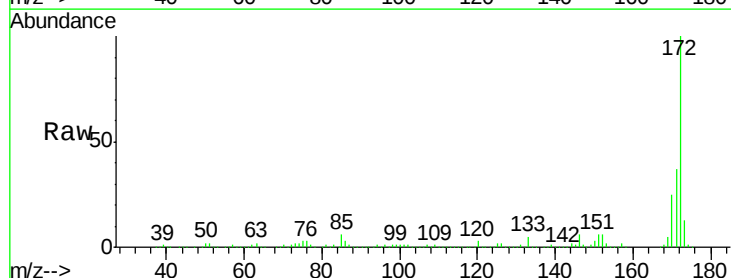


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

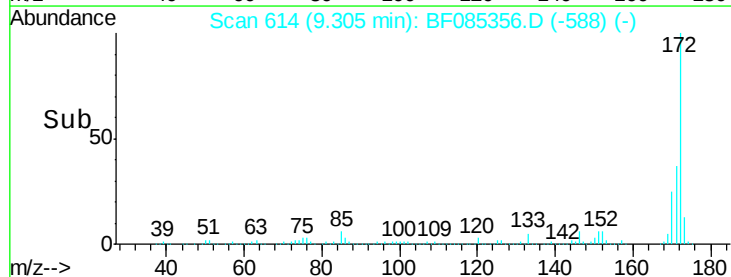
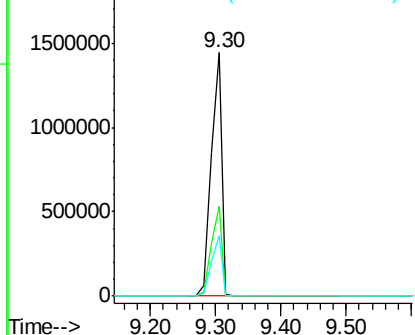


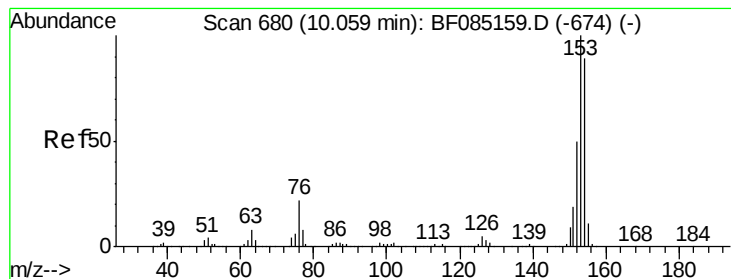
#44
 2-Fluorobiphenyl
 Concen: 111.54 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF085356.D
 Acq: 11 Mar 2016 2:13

Tgt Ion:172 Resp: 1635719
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.3 43.9
 170 24.6 20.0 30.0



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





#51

Acenaphthene

Concen: 2.02 ng

RT: 10.01 min Scan# 676

Delta R.T. -0.00 min

Lab File: BF085356.D

Acq: 11 Mar 2016 2:13

Instrument :

BNA_F

ClientSampleId :

HSR-WC-30-022516RE

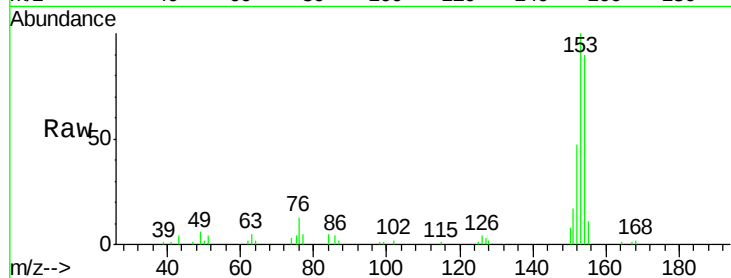
Tot Ion:154 Resp: 27723

Ion Ratio Lower Upper

154 100

153 111.5 89.8 134.8

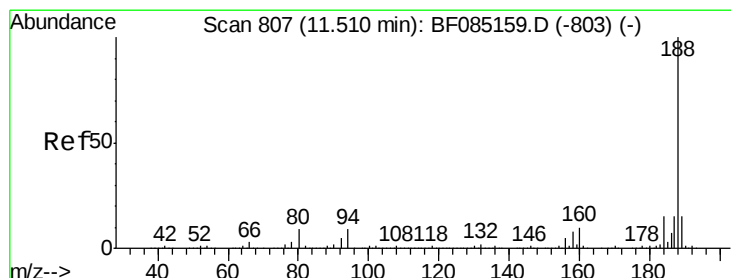
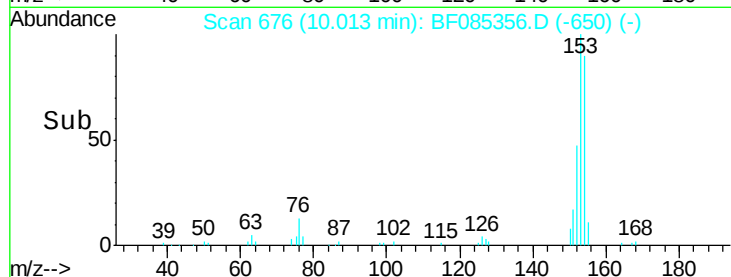
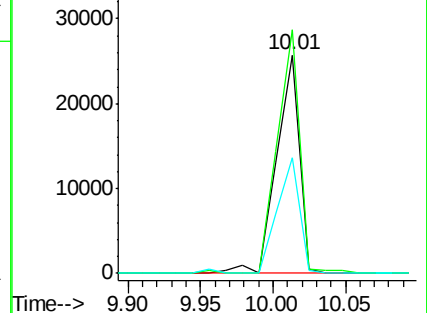
152 52.8 44.6 66.8



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.46 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF085356.D

Acq: 11 Mar 2016 2:13

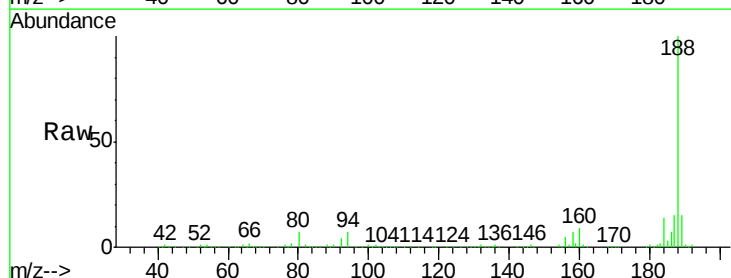
Tgt Ion:188 Resp: 355414

Ion Ratio Lower Upper

188 100

94 7.2 7.0 10.6

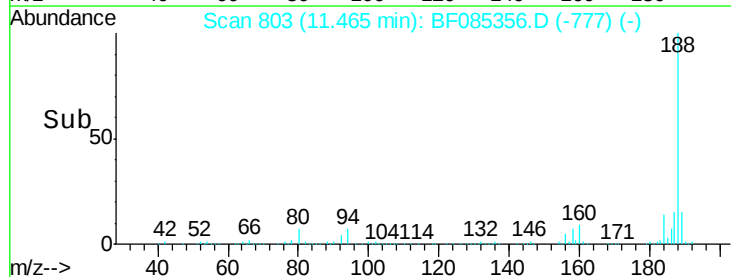
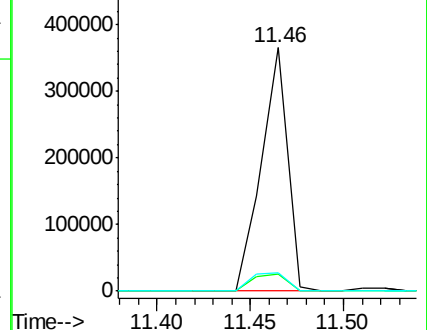
80 7.4 7.4 11.0

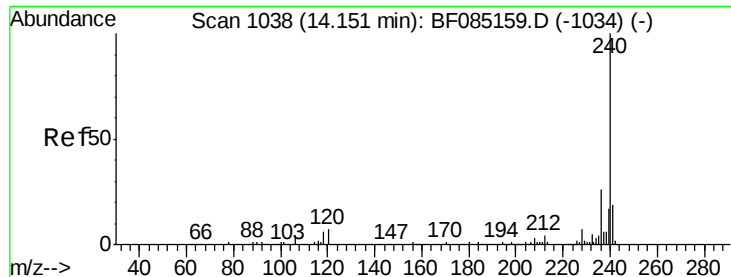


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.09 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF085356.D

Acq: 11 Mar 2016 2:13

Instrument :

BNA_F

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HSR-WC-30-022516RE

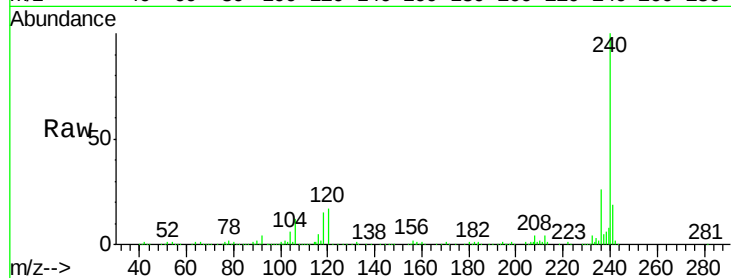
Tot Ion:240 Resp: 271254

Ion Ratio Lower Upper

240 100

120 17.0 5.3 7.9#

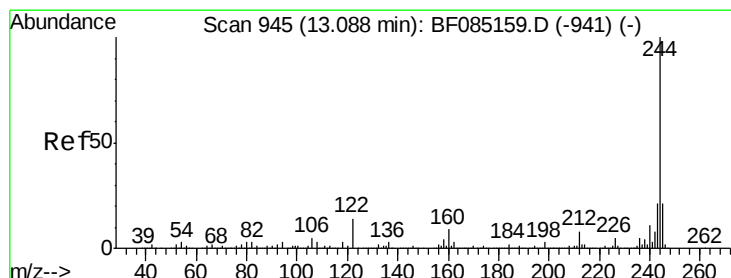
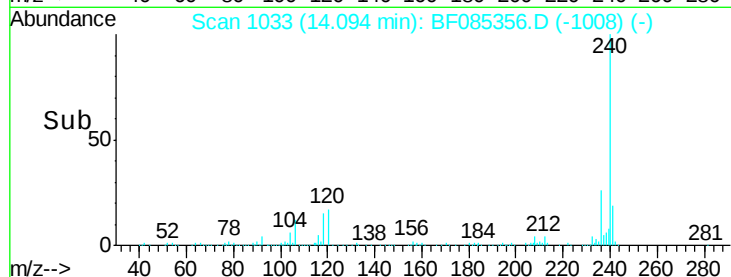
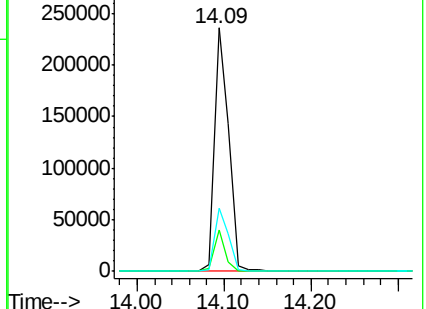
236 25.7 20.7 31.1



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: 99.23 ng

RT: 13.05 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF085356.D

Acq: 11 Mar 2016 2:13

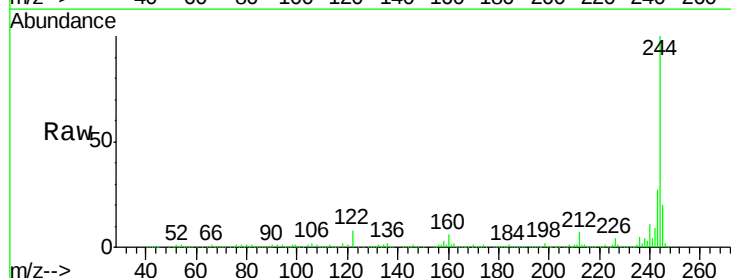
Tgt Ion:244 Resp: 1159449

Ion Ratio Lower Upper

244 100

212 6.9 6.4 9.6

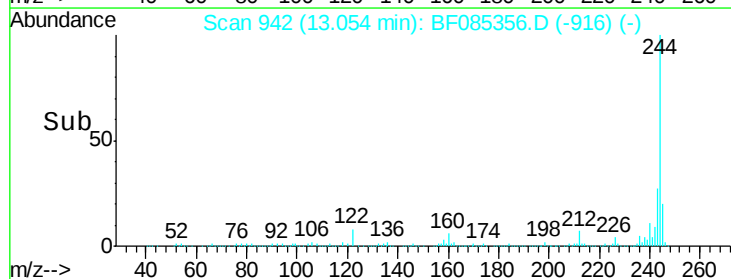
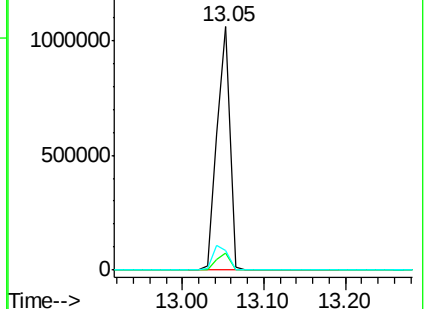
122 8.0 11.4 17.2#

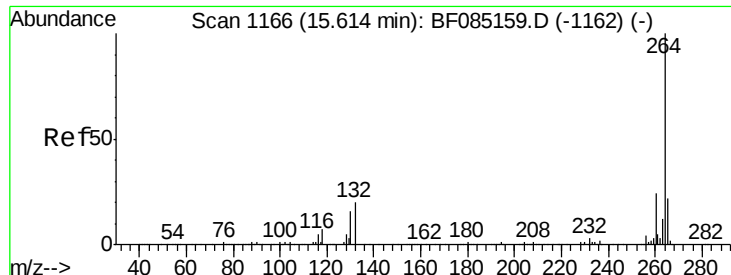


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

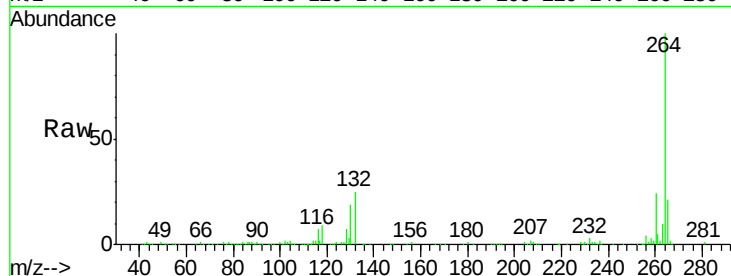




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.56 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF085356.D
 Acq: 11 Mar 2016 2:13

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-30-022516RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.2	17.3	25.9



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

