

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085831.D
 Acq On : 29 Mar 2016 5:13
 Operator : UM/SJ
 Sample : H1942-09
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-927ANCOMP

Quant Time: Mar 29 06:52:40 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

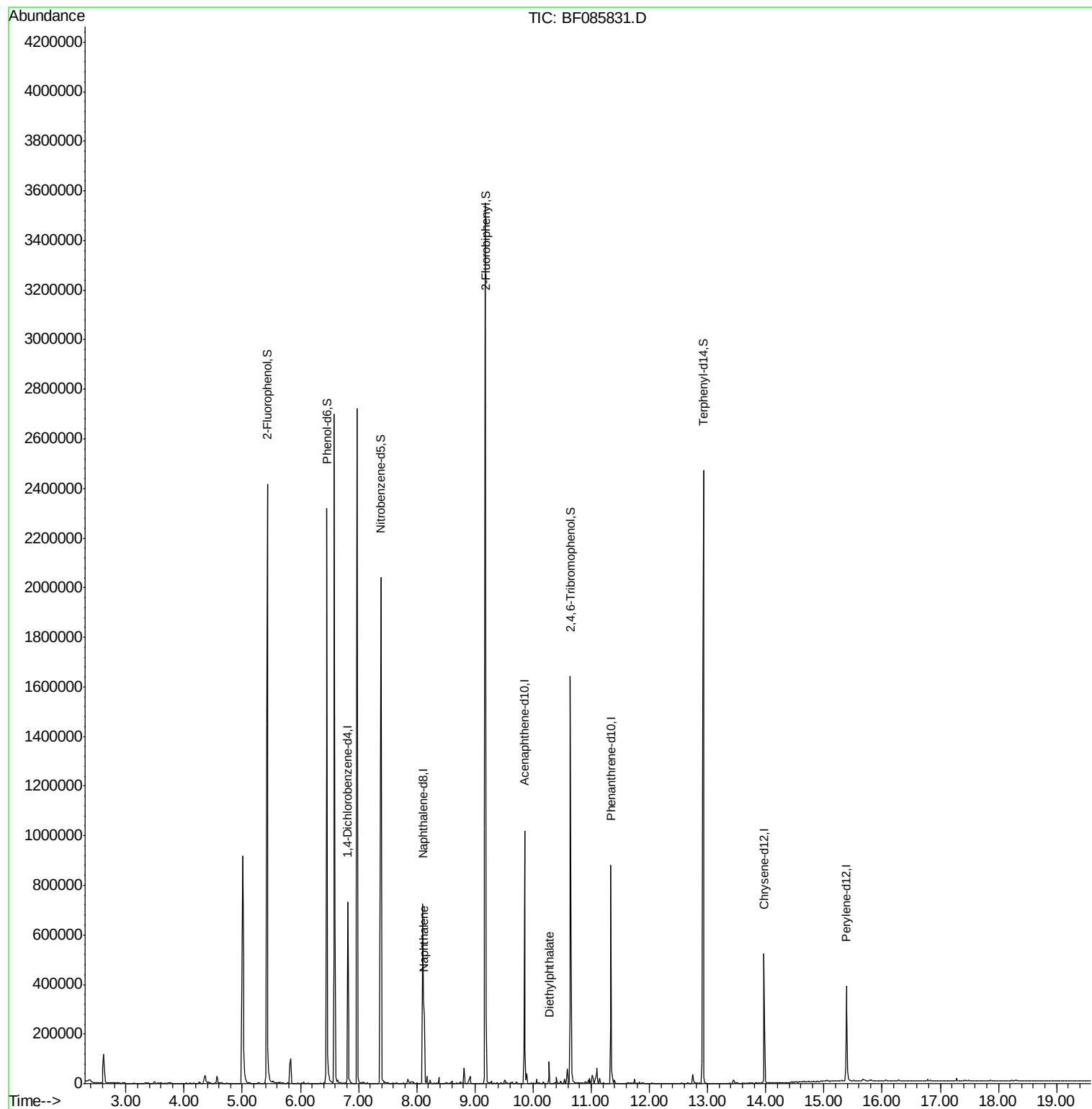
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	109801	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	431196	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	189757	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	323999	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	195950	20.00	ng	-0.01
86) Perylene-d12	15.39	264	196558	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	890439	135.06	ng	0.02
7) Phenol-d6	6.46	99	1049977	125.26	ng	0.00
23) Nitrobenzene-d5	7.38	82	746040	97.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	233444	129.48	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	1134561	99.89	ng	-0.01
78) Terphenyl-d14	12.93	244	975768	102.41	ng	0.00
Target Compounds						
31) Naphthalene	8.13	128	205186	9.44	ng	98
59) Diethylphthalate	10.28	149	33067	2.32	ng	99

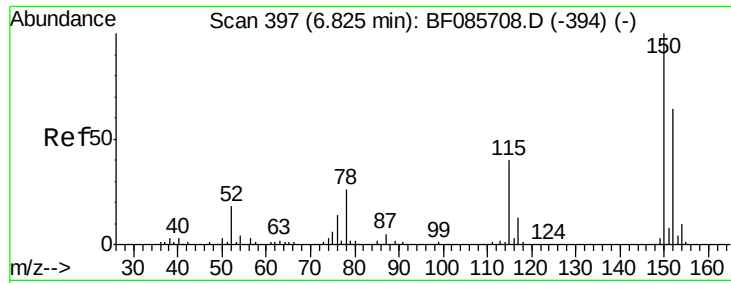
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF085831.D

Acq: 29 Mar 2016 5:13

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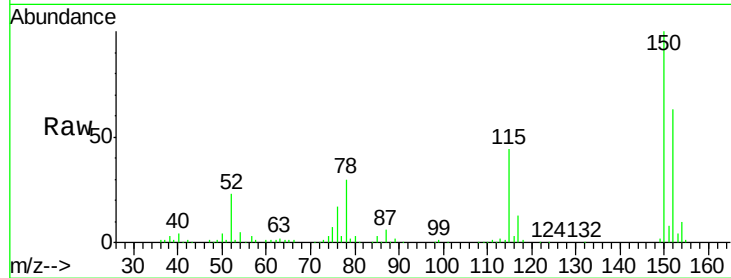
Tgt Ion:152 Resp: 109801

Ion Ratio Lower Upper

152 100

150 158.3 124.2 186.2

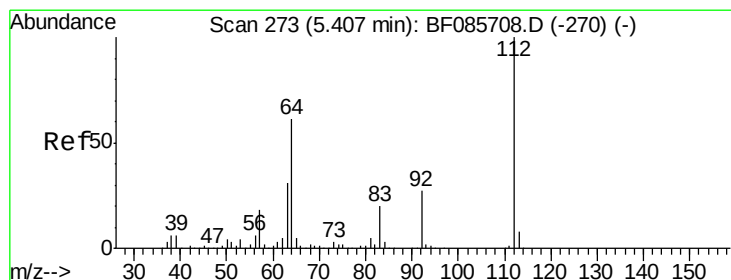
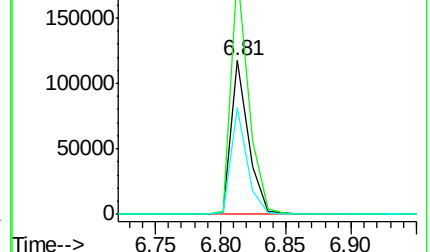
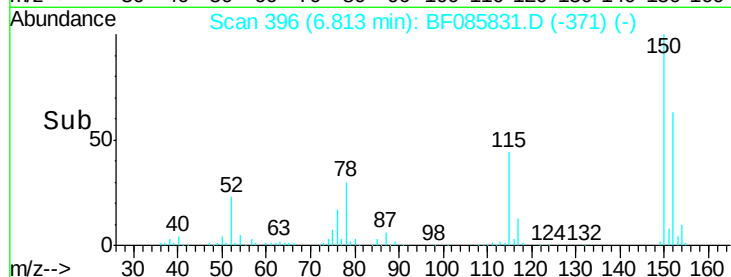
115 69.0 47.0 70.6



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: 135.06 ng

RT: 5.43 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF085831.D

Acq: 29 Mar 2016 5:13

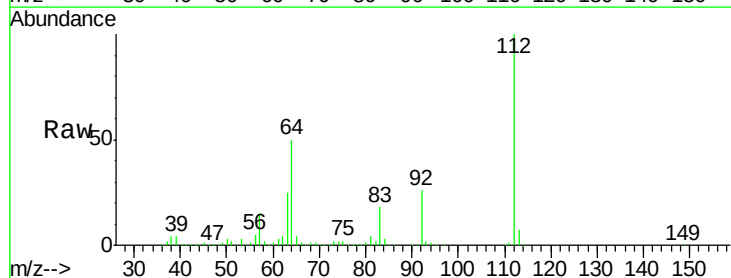
Tgt Ion:112 Resp: 890439

Ion Ratio Lower Upper

112 100

64 50.2 39.9 59.9

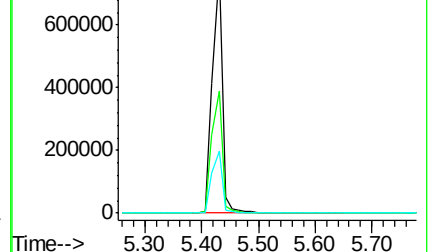
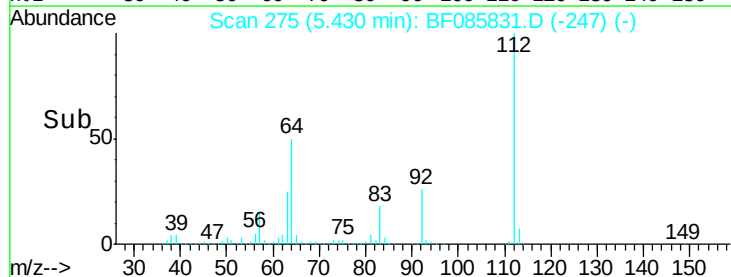
63 25.4 20.2 30.2

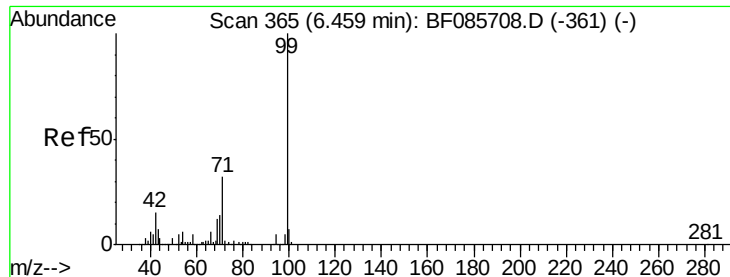


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 125.26 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085831.D

Acq: 29 Mar 2016 5:13

Instrument :

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ClientSampleId :

B-927ANCOMP

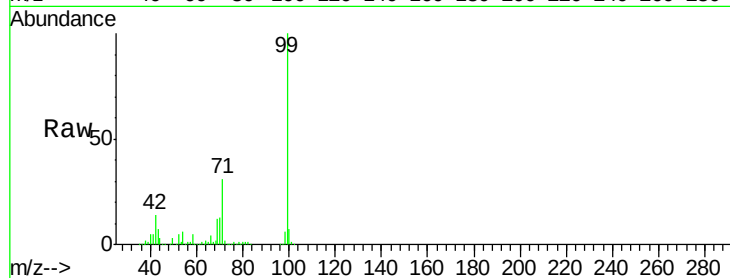
Tgt Ion: 99 Resp: 1049977

Ion Ratio Lower Upper

99 100

42 13.6 11.1 16.7

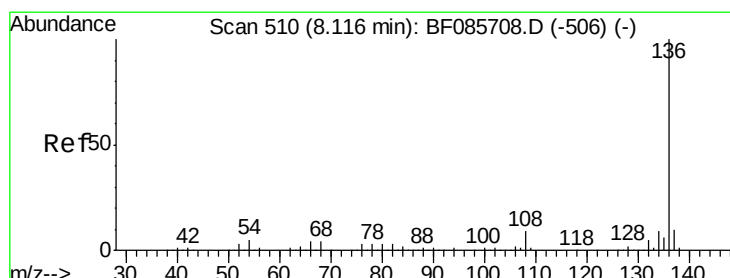
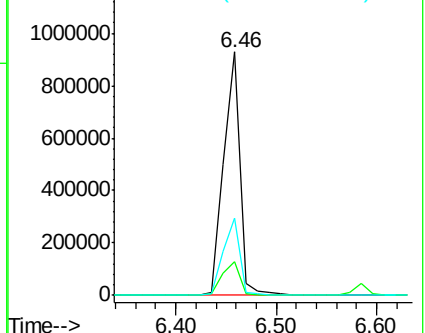
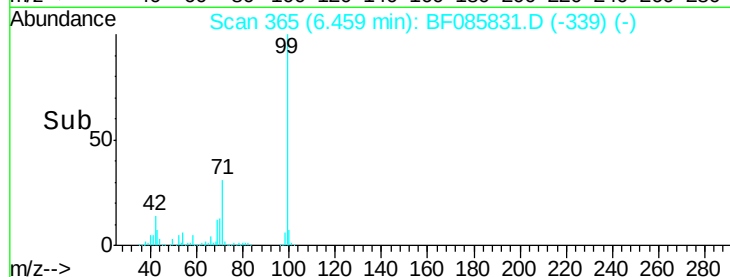
71 31.5 24.9 37.3



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: 8.10 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF085831.D

Acq: 29 Mar 2016 5:13

Tgt Ion: 136 Resp: 431196

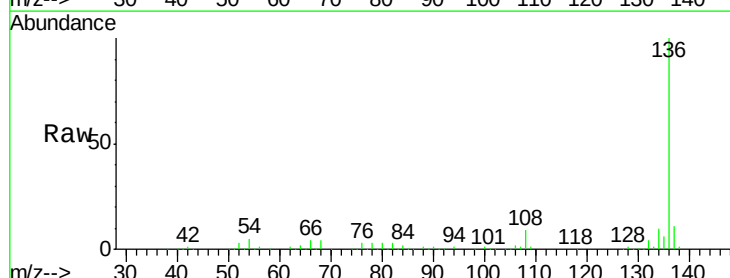
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 5.0 7.4 11.0#

68 4.4 5.8 8.8#

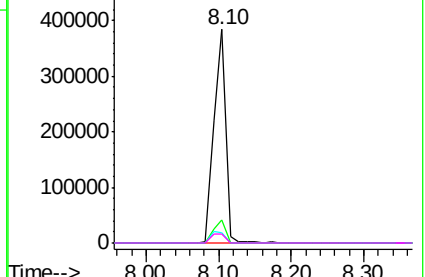
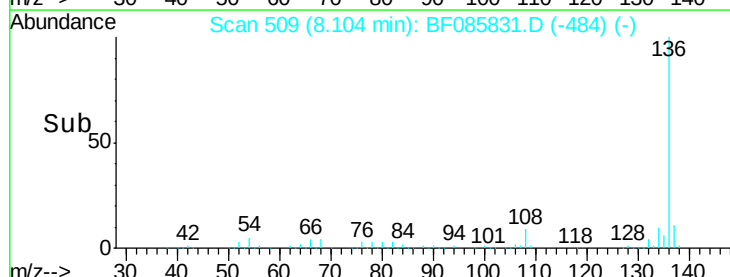


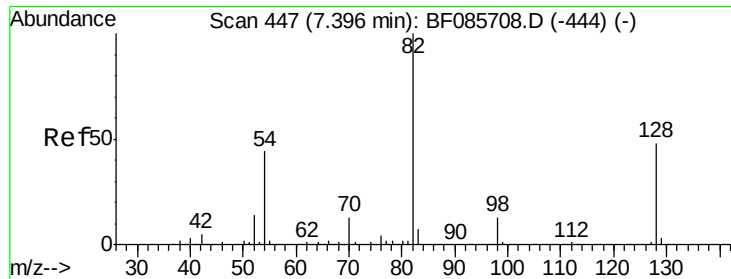
Abundance Ion 136.00 (135.70 to 136.70): E

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

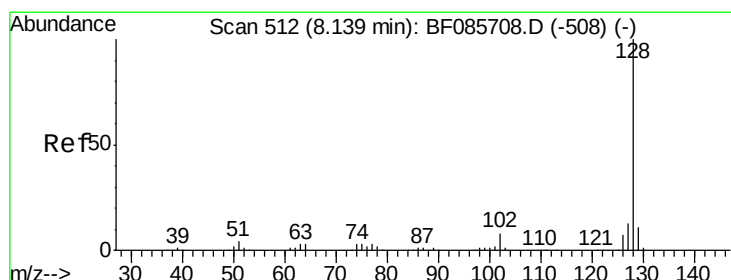
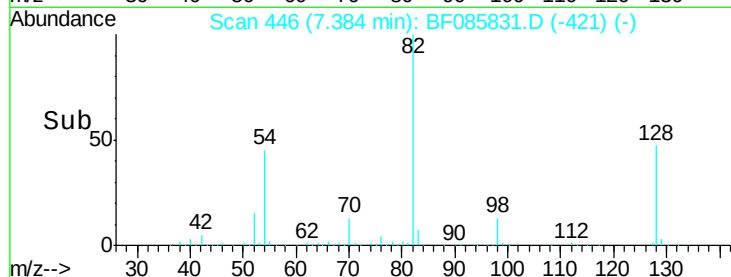
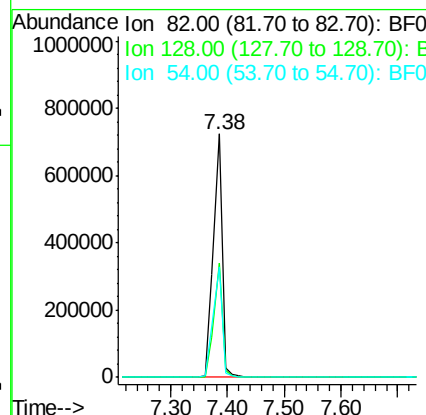
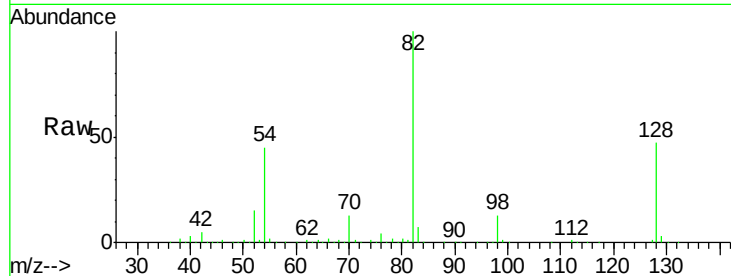




#23
 Nitrobenzene-d5
 Concen: 97.43 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085831.D
 Acq: 29 Mar 2016 5:13

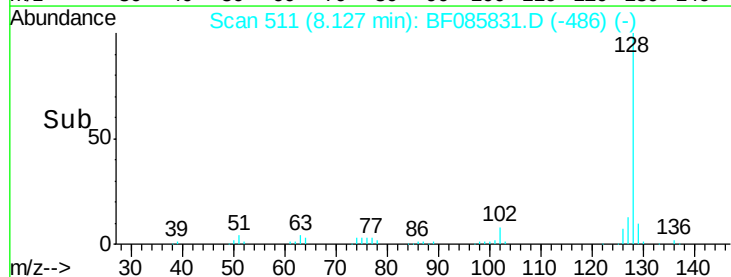
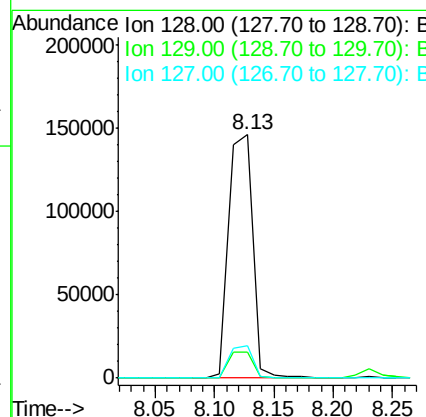
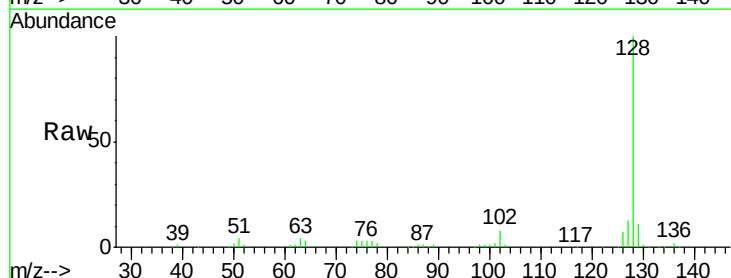
Instrument :
 BNA_F
 ClientSampleId :
 B-927ANCOMP

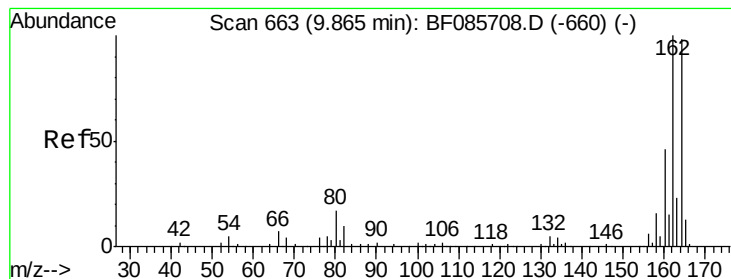
Tgt Ion: 82 Resp: 746040
 Ion Ratio Lower Upper
 82 100
 128 46.8 41.8 62.8
 54 45.3 33.4 50.0



#31
 Naphthalene
 Concen: 9.44 ng
 RT: 8.13 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BF085831.D
 Acq: 29 Mar 2016 5:13

Tgt Ion: 128 Resp: 205186
 Ion Ratio Lower Upper
 128 100
 129 10.6 9.4 14.0
 127 13.2 11.0 16.6





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF085831.D

Acq: 29 Mar 2016 5:13

Instrument :

BNA_F

ClientSampleId :

B-927ANCOMP

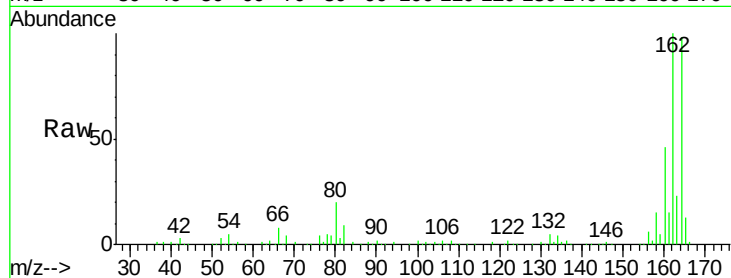
Tgt Ion:164 Resp: 189757

Ion Ratio Lower Upper

164 100

162 102.4 82.1 123.1

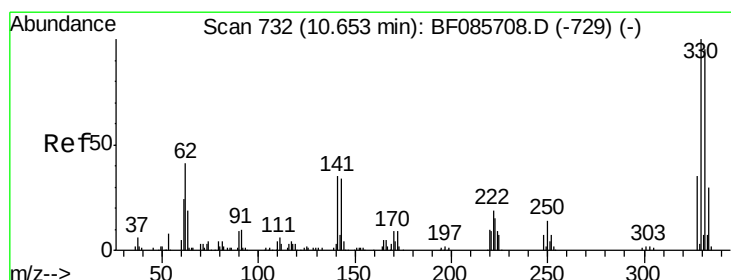
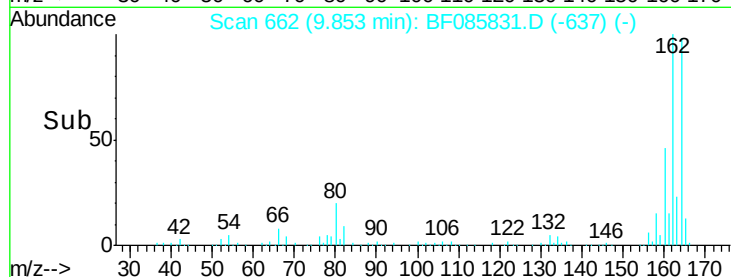
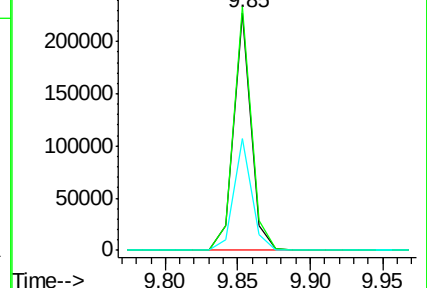
160 47.0 37.4 56.2



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: 129.48 ng

RT: 10.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF085831.D

Acq: 29 Mar 2016 5:13

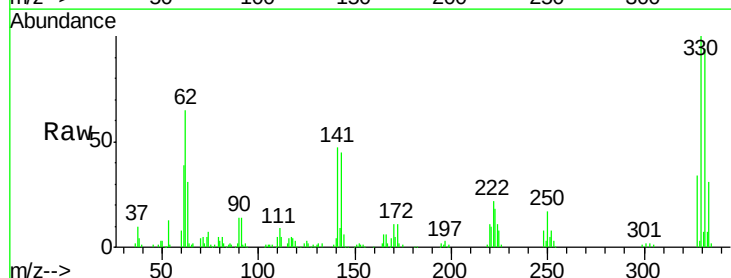
Tgt Ion:330 Resp: 233444

Ion Ratio Lower Upper

330 100

332 96.1 78.2 117.2

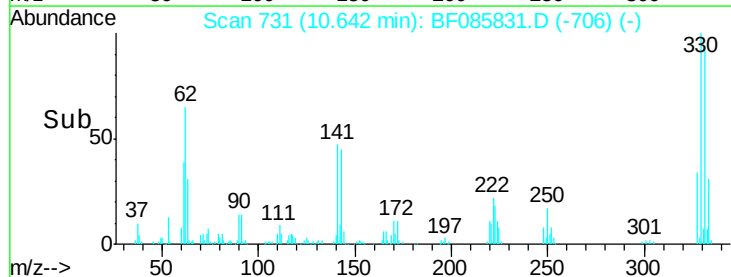
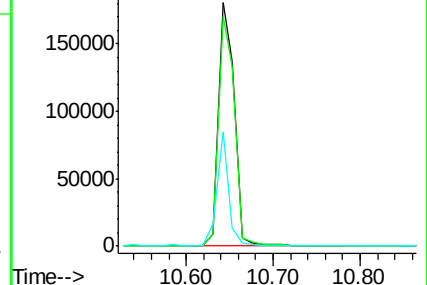
141 35.5 31.5 47.3

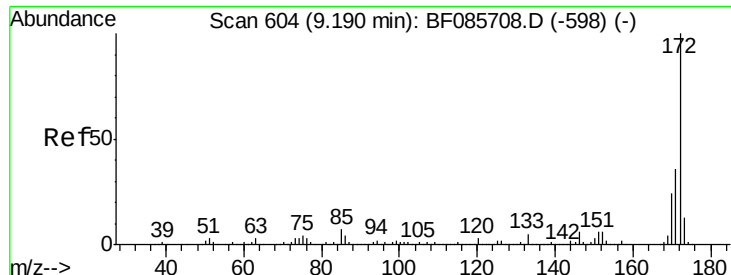


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

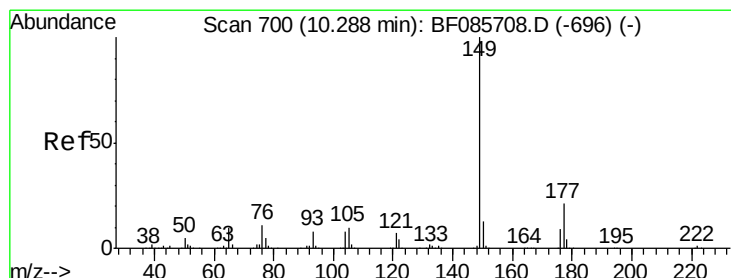
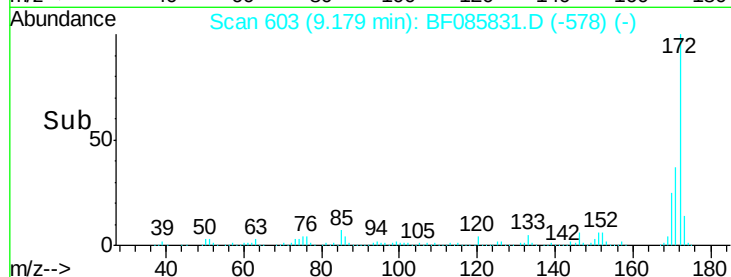
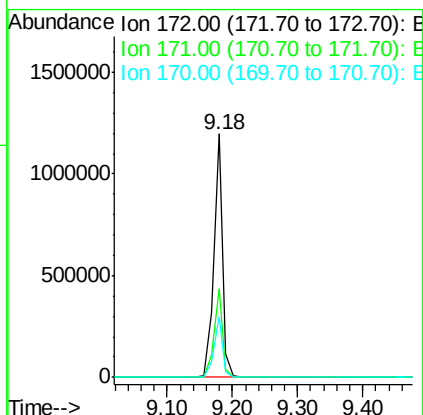
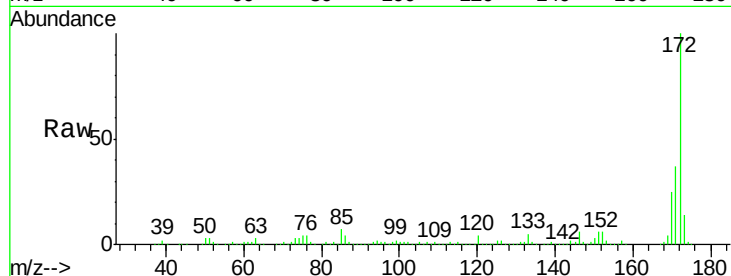




#44
 2-Fluorobiphenyl
 Concen: 99.89 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085831.D
 Acq: 29 Mar 2016 5:13

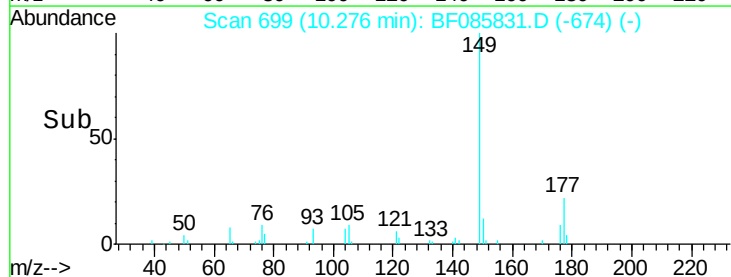
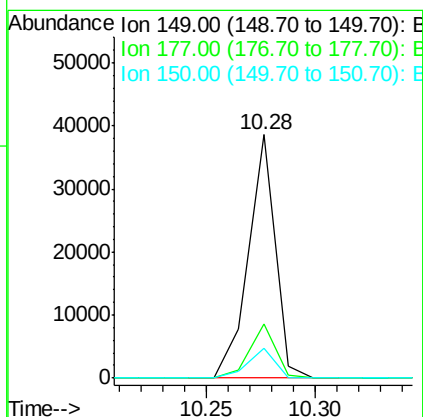
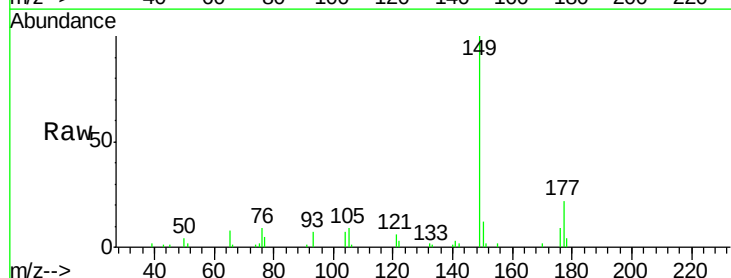
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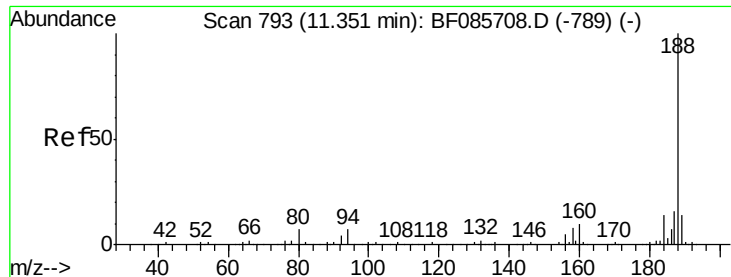
Tgt Ion:172 Resp: 1134561
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.2
 170 24.7 19.8 29.6



#59
 Diethylphthalate
 Concen: 2.32 ng
 RT: 10.28 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: BF085831.D
 Acq: 29 Mar 2016 5:13

Tgt Ion:149 Resp: 33067
 Ion Ratio Lower Upper
 149 100
 177 22.0 17.9 26.9
 150 12.5 10.2 15.2

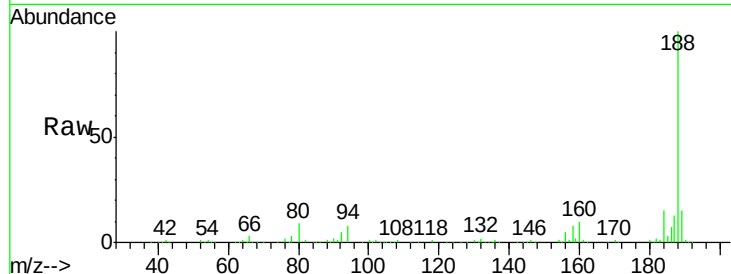




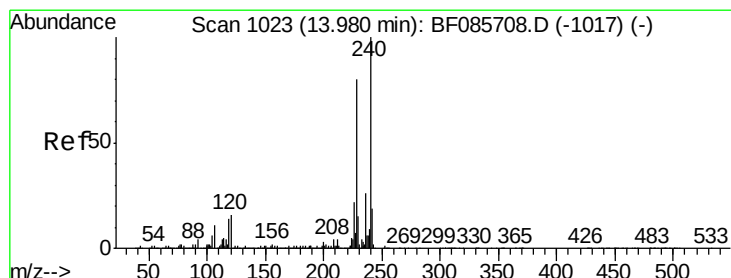
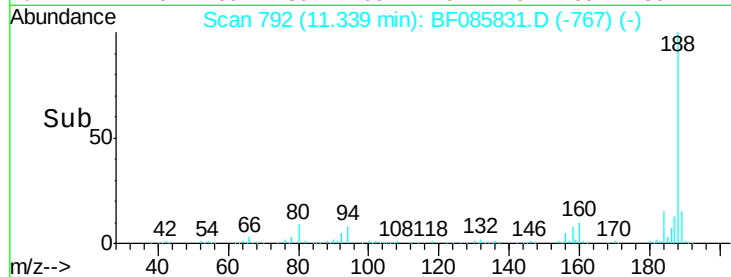
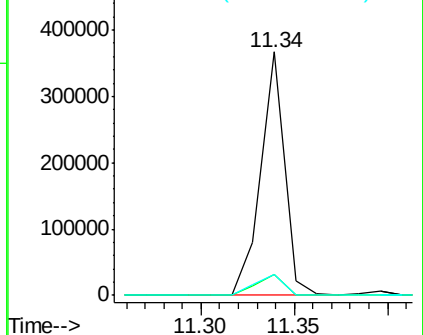
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085831.D
Acq: 29 Mar 2016 5:13

Instrument :
BNA_F
ClientSampleId :
B-927ANCOMP

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	5.4	8.0#
80	8.6	5.5	8.3#

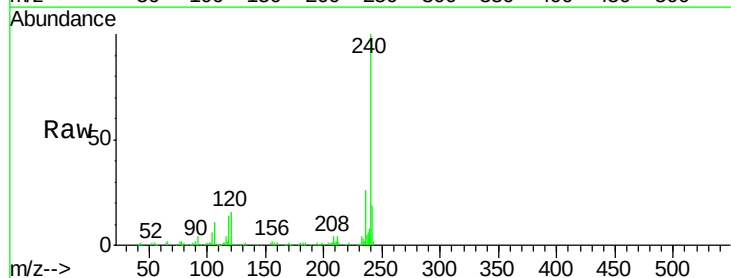


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

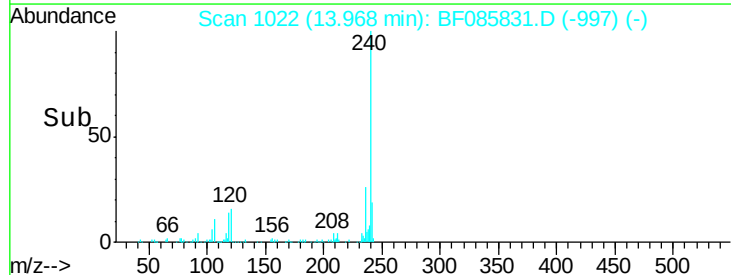
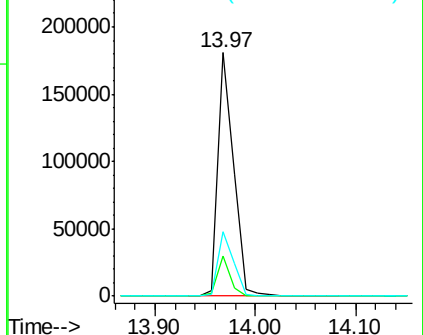


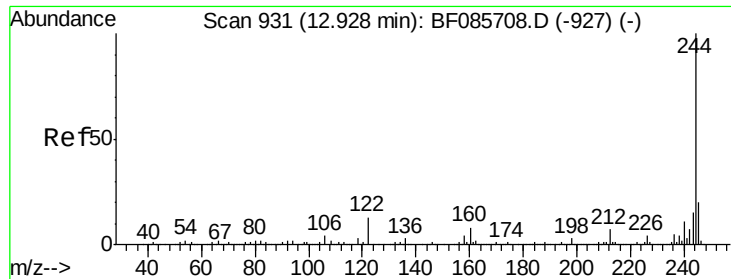
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF085831.D
Acq: 29 Mar 2016 5:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	16.3	13.8	20.8
236	26.5	20.6	30.8



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

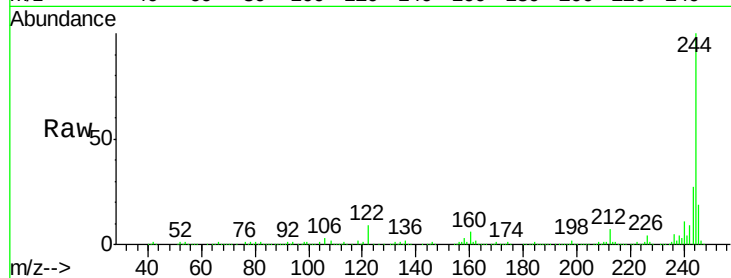




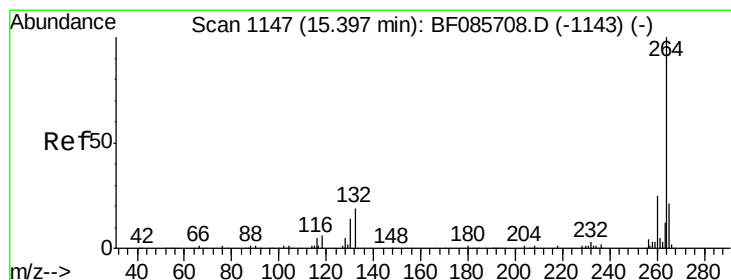
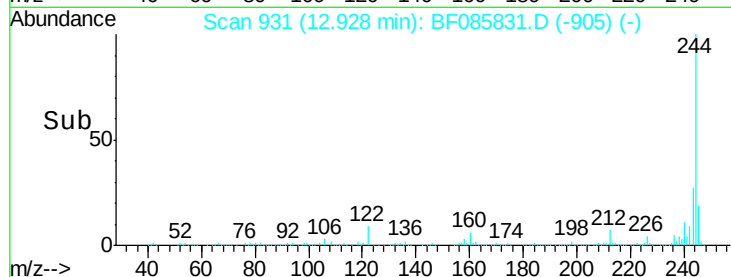
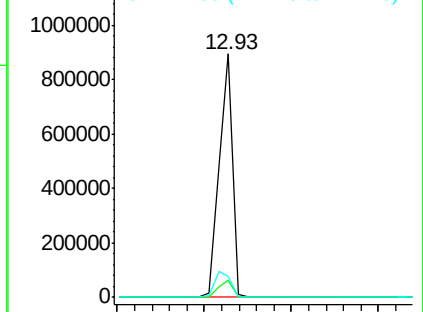
#78
 Terphenyl-d14
 Concen: 102.41 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085831.D
 Acq: 29 Mar 2016 5:13

Instrument :
 BNA_F
 ClientSampleId :
 B-927ANCOMP

Tgt Ion:244 Resp: 975768
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.1 9.1
 122 8.5 10.2 15.4#

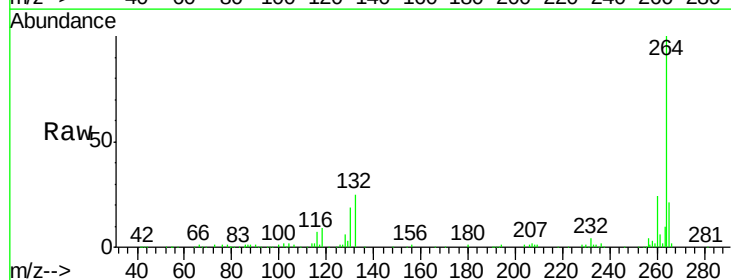


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF085831.D
 Acq: 29 Mar 2016 5:13

Tgt Ion:264 Resp: 196558
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 21.0 17.2 25.8



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

