

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085582.D
 Acq On : 19 Mar 2016 19:32
 Operator : UM/SJ
 Sample : H1788-05
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5(9-10)

Quant Time: Mar 21 02:34:24 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

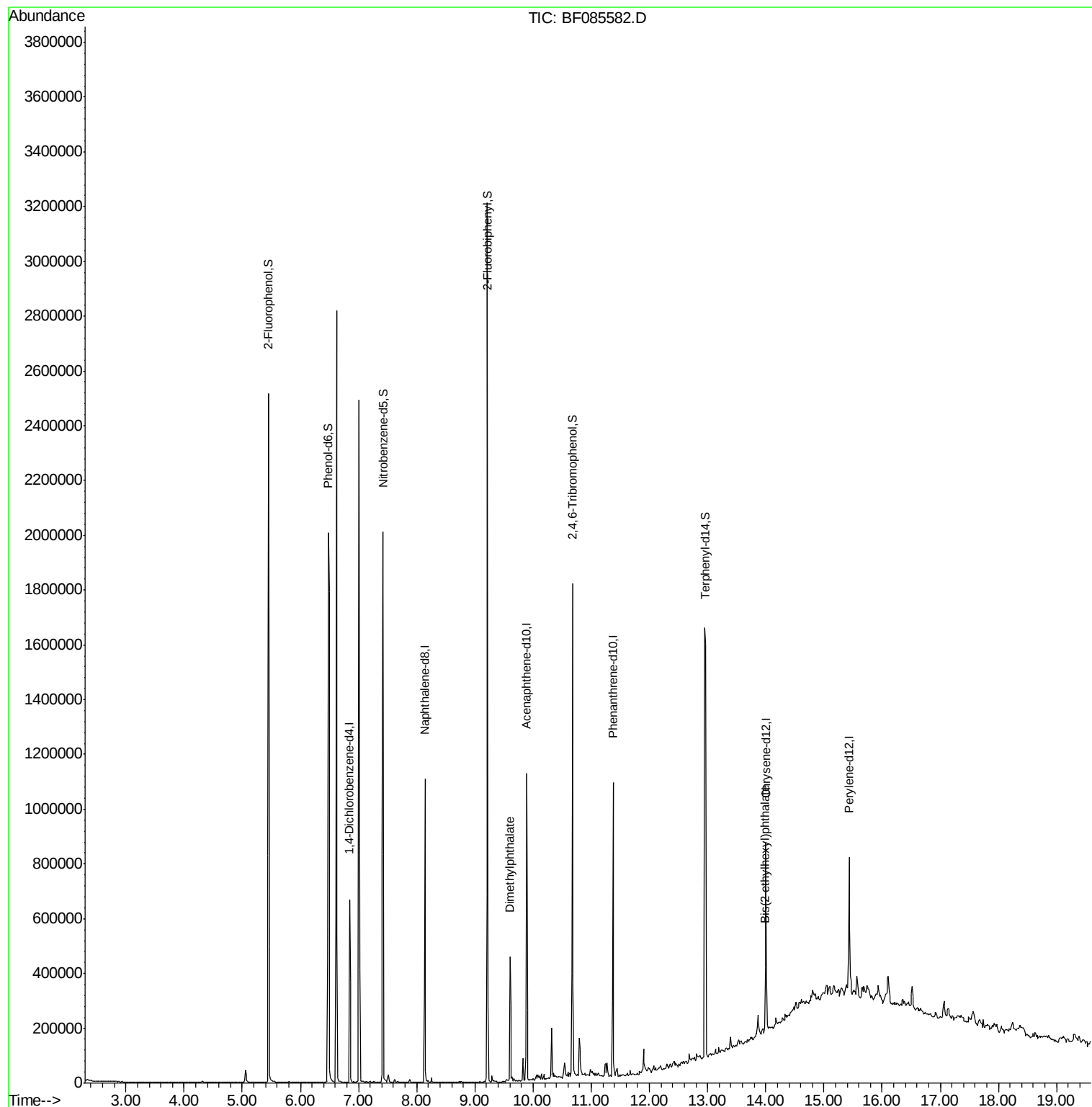
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	122467	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	516151	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	209864	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	385352	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	233660	20.00	ng	-0.01
86) Perylene-d12	15.43	264	232701	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	826248	113.32	ng	0.00
7) Phenol-d6	6.48	99	1186225	126.85	ng	-0.01
23) Nitrobenzene-d5	7.42	82	730270	82.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	217089	105.60	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	964847	76.47	ng	-0.01
78) Terphenyl-d14	12.96	244	739528	76.16	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.60	163	226563	14.31	ng	# 98
83) Bis(2-ethylhexyl)phthalate	13.99	149	46926	4.72	ng	# 96

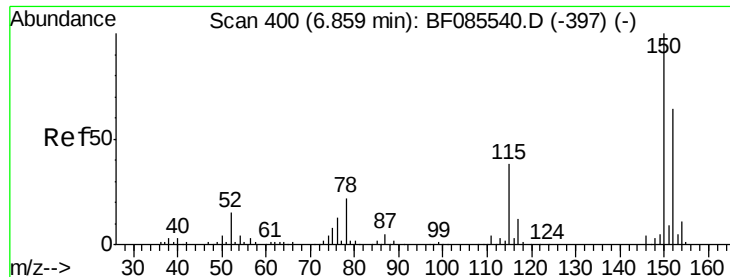
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF085582.D

Acq: 19 Mar 2016 19:32

Instrument :

BNA_F

ClientSampleId :

SB-5(9-10)

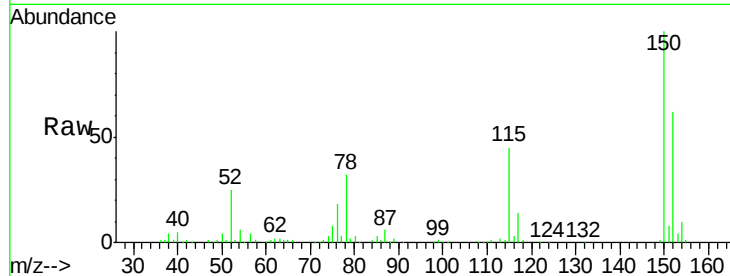
Tgt Ion:152 Resp: 122467

Ion Ratio Lower Upper

152 100

150 161.1 124.2 186.2

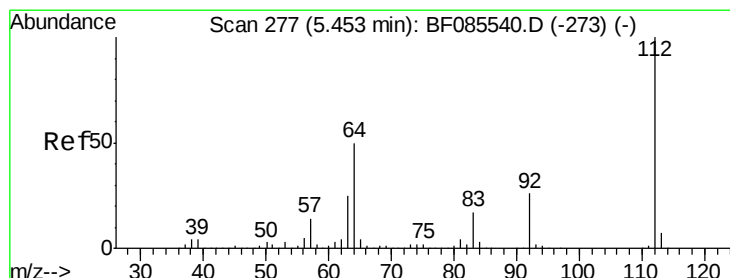
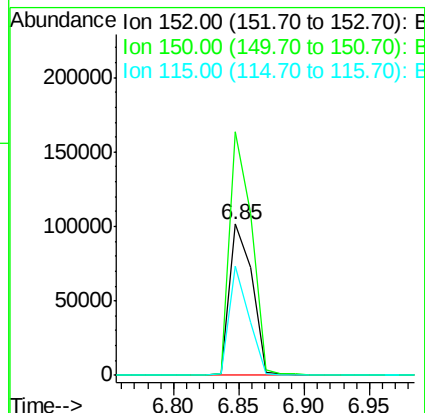
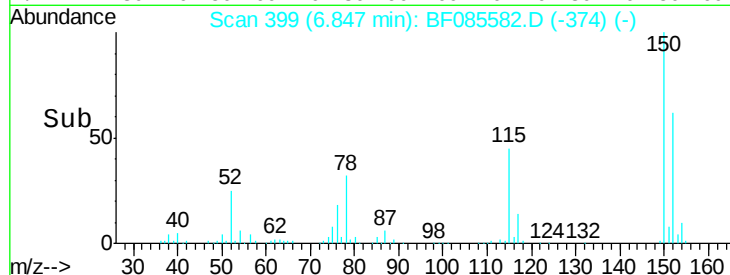
115 72.4 47.0 70.6#



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: 113.32 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.00 min

Lab File: BF085582.D

Acq: 19 Mar 2016 19:32

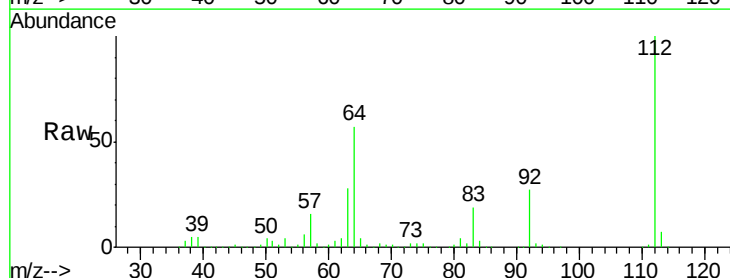
Tgt Ion:112 Resp: 826248

Ion Ratio Lower Upper

112 100

64 56.8 39.9 59.9

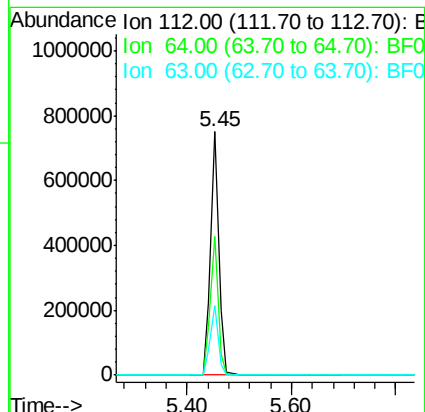
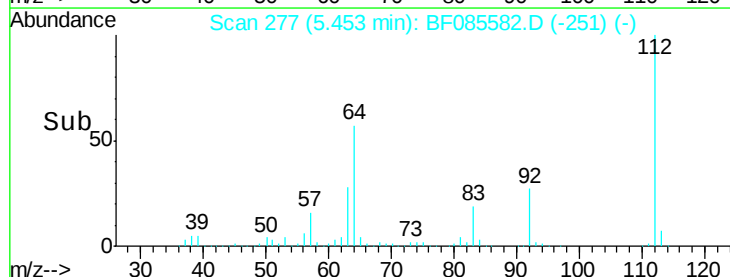
63 28.5 20.2 30.2



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: 126.85 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085582.D

Acq: 19 Mar 2016 19:32

Instrument :

BNA_F

ClientSampleId :

SB-5(9-10)

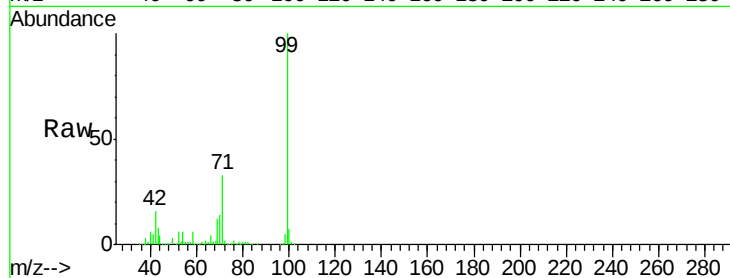
Tgt Ion: 99 Resp: 1186225

Ion Ratio Lower Upper

99 100

42 15.5 11.1 16.7

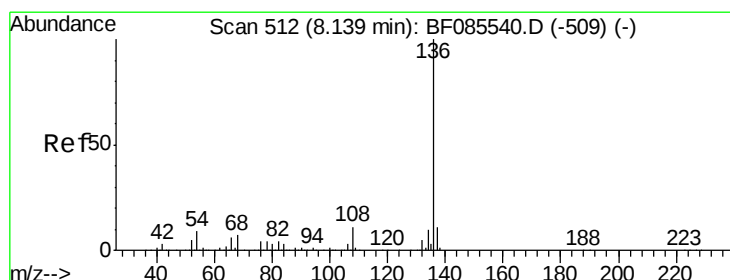
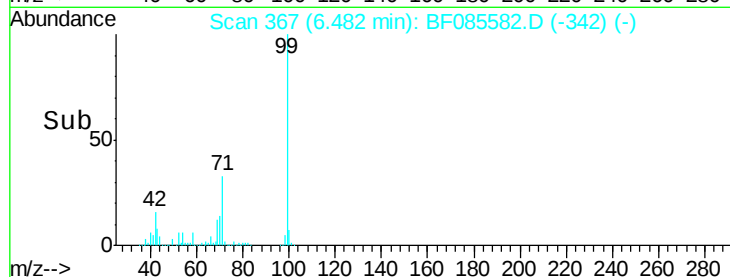
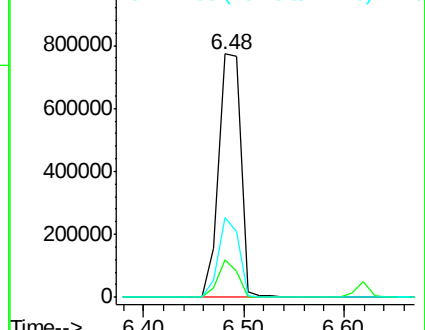
71 32.8 24.9 37.3



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: 8.14 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF085582.D

Acq: 19 Mar 2016 19:32

Tgt Ion: 136 Resp: 516151

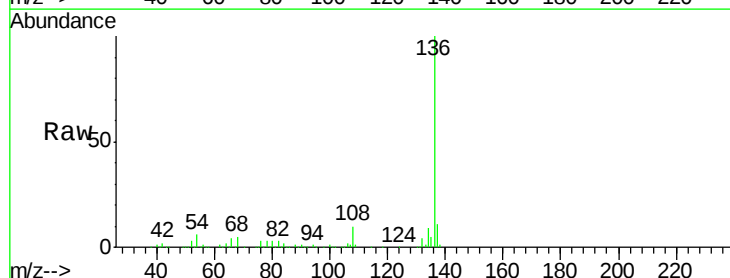
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.0 7.4 11.0#

68 5.1 5.8 8.8#

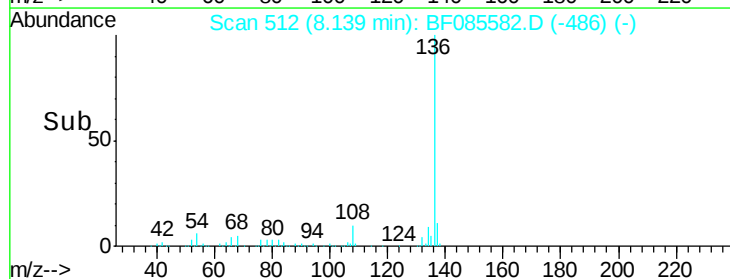
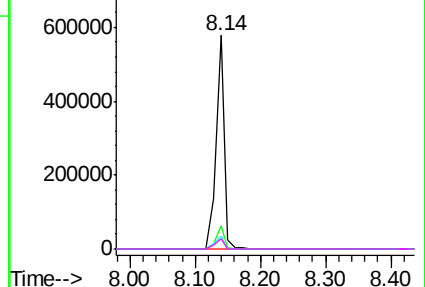


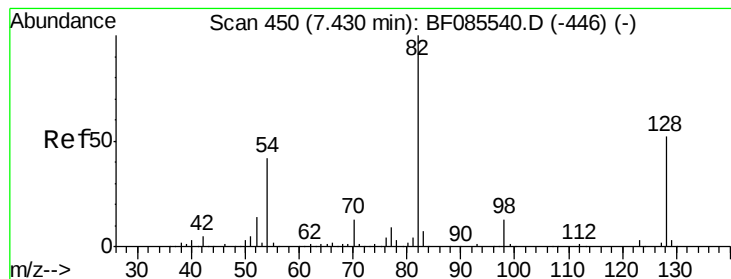
Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.13 ng

RT: 7.42 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF085582.D

Acq: 19 Mar 2016 19:32

Instrument :

BNA_F

ClientSampleId :

SB-5(9-10)

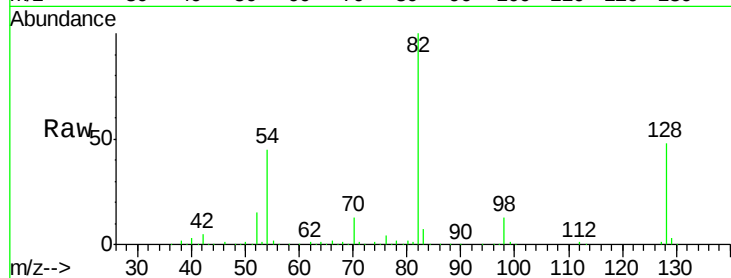
Tgt Ion: 82 Resp: 730270

Ion Ratio Lower Upper

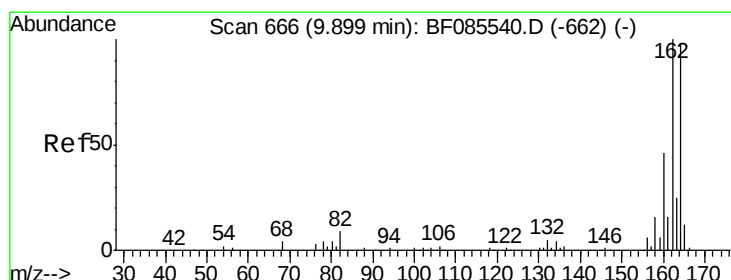
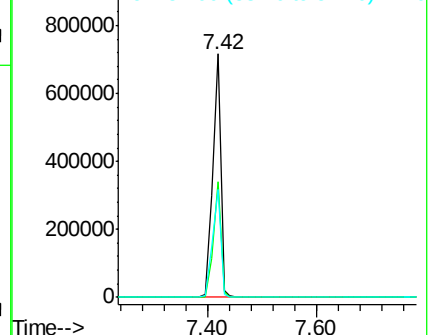
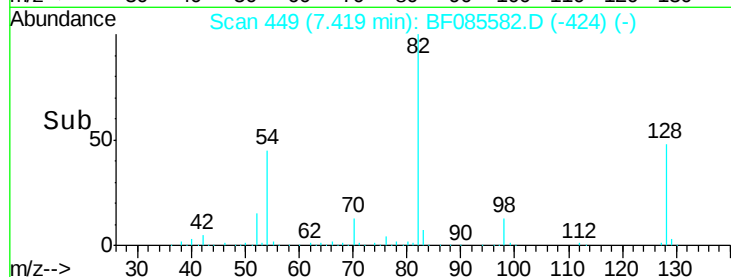
82 100

128 47.5 41.8 62.8

54 44.5 33.4 50.0



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF085582.D

Acq: 19 Mar 2016 19:32

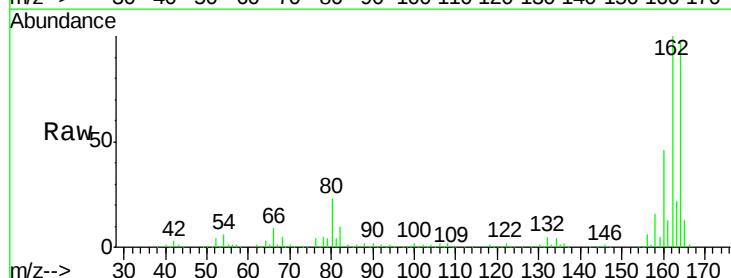
Tgt Ion:164 Resp: 209864

Ion Ratio Lower Upper

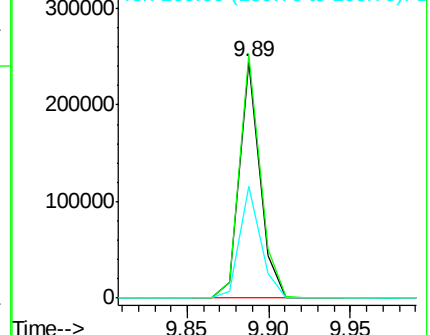
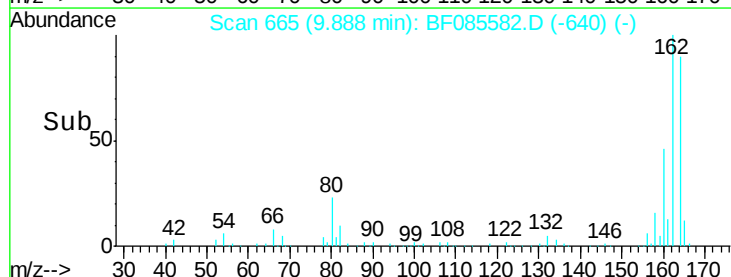
164 100

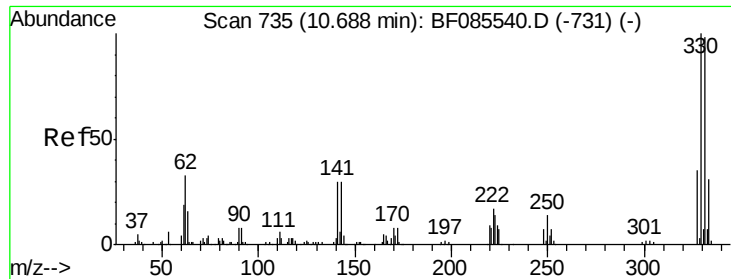
162 103.1 82.1 123.1

160 47.2 37.4 56.2



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

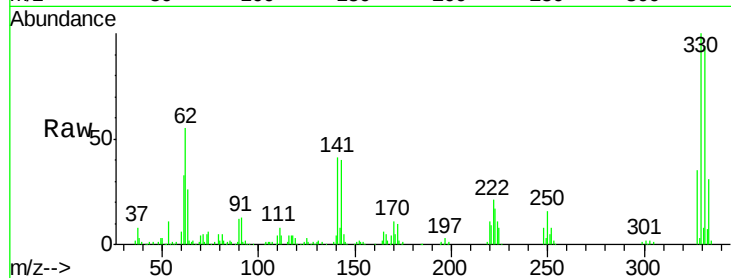




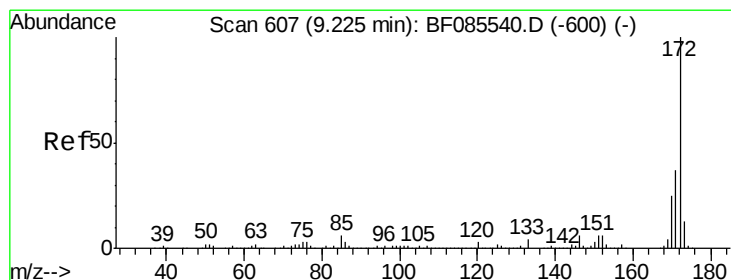
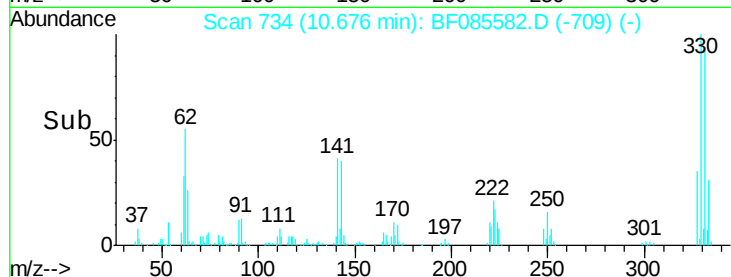
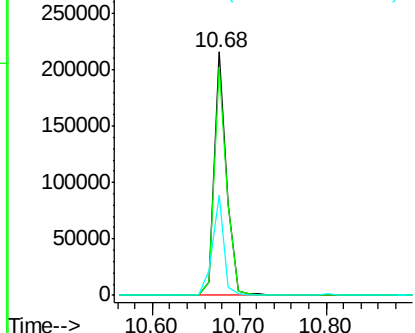
#41
 2,4,6-Tribromophenol
 Concen: 105.60 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF085582.D
 Acq: 19 Mar 2016 19:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-5(9-10)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.2	117.2
141	39.2	31.5	47.3

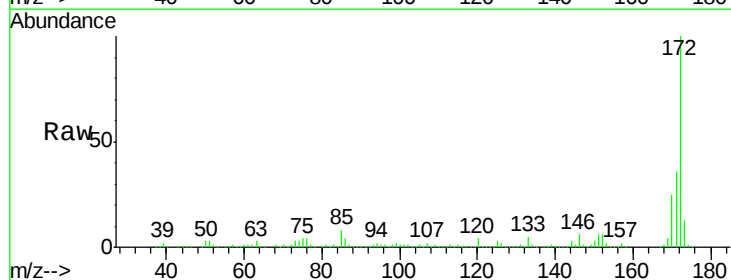


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

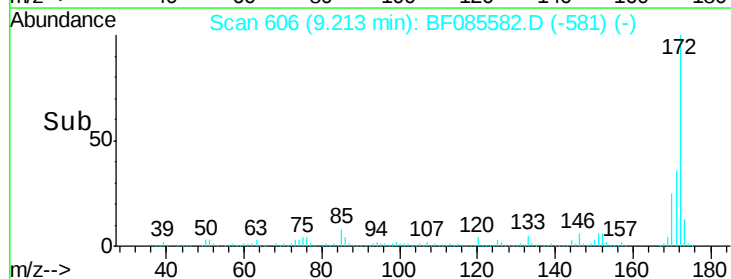
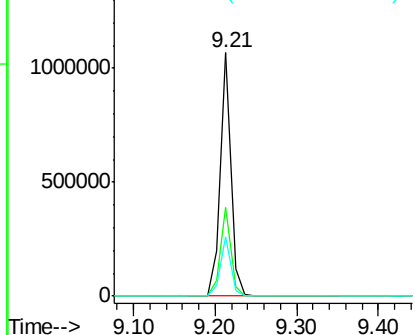


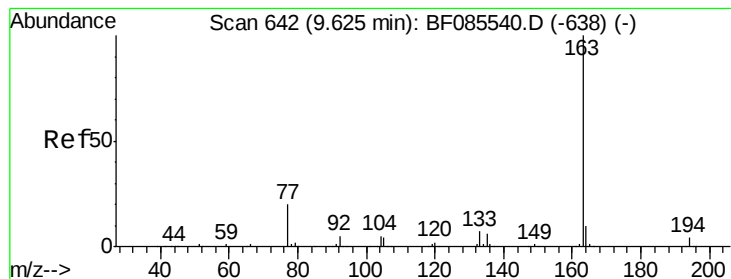
#44
 2-Fluorobiphenyl
 Concen: 76.47 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085582.D
 Acq: 19 Mar 2016 19:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.2
170	24.6	19.8	29.6



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: 14.31 ng

RT: 9.60 min Scan# 640

Delta R.T. -0.02 min

Lab File: BF085582.D

Acq: 19 Mar 2016 19:32

Instrument :

BNA_F

ClientSampleId :

SB-5(9-10)

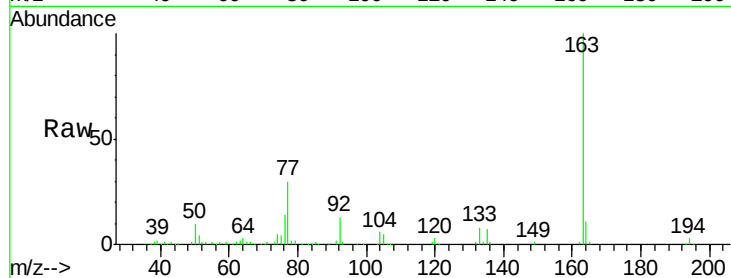
Tgt Ion:163 Resp: 226563

Ion Ratio Lower Upper

163 100

194 2.6 2.9 4.3#

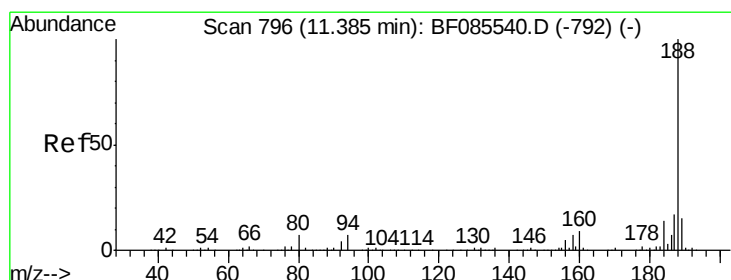
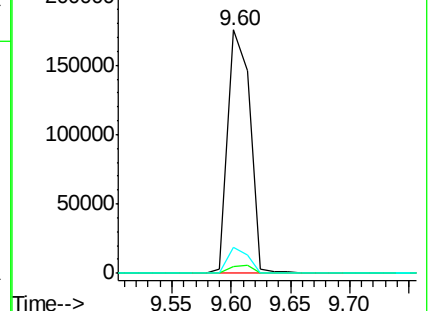
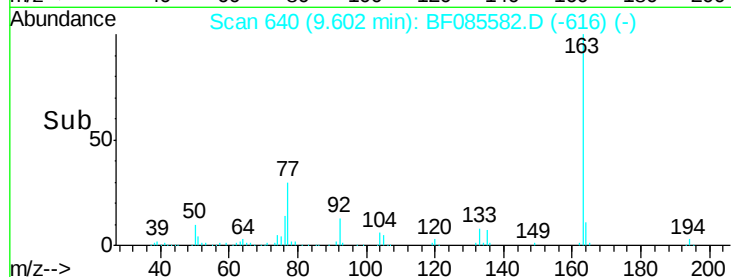
164 10.8 8.3 12.5



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: 11.37 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF085582.D

Acq: 19 Mar 2016 19:32

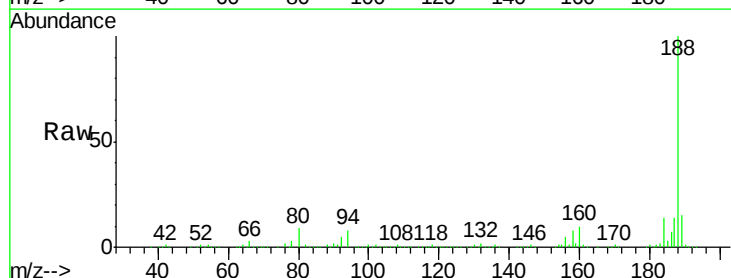
Tgt Ion:188 Resp: 385352

Ion Ratio Lower Upper

188 100

94 8.5 5.4 8.0#

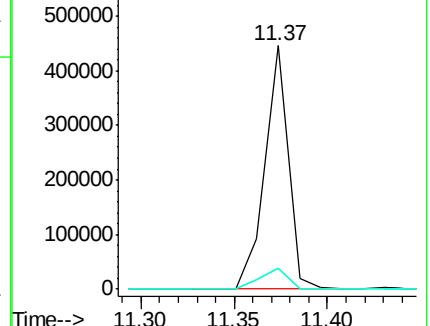
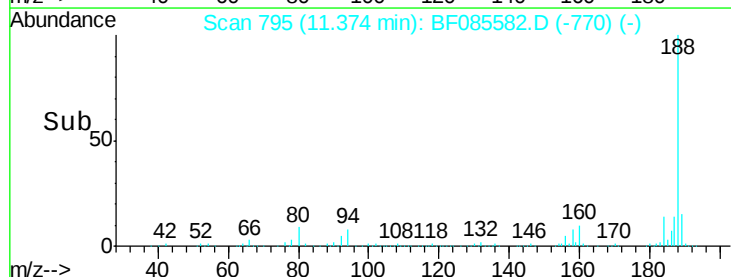
80 8.5 5.5 8.3#

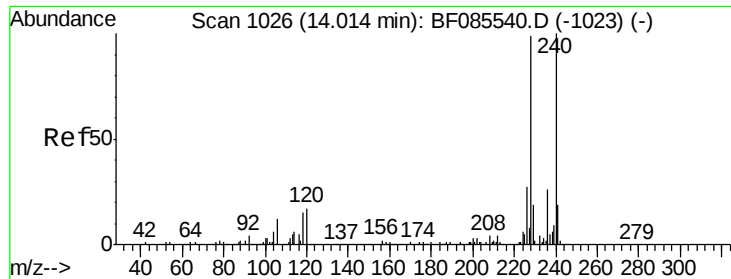


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

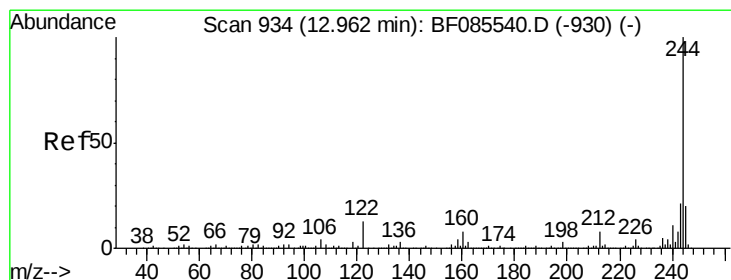
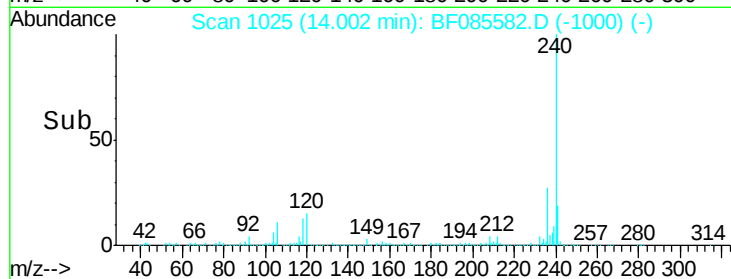
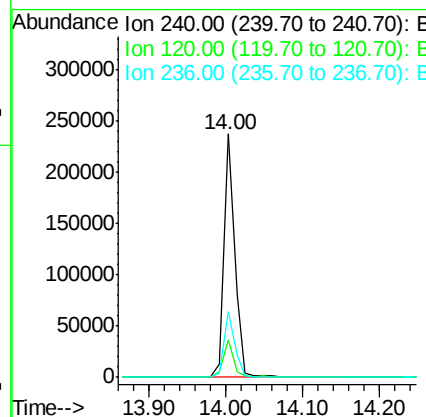
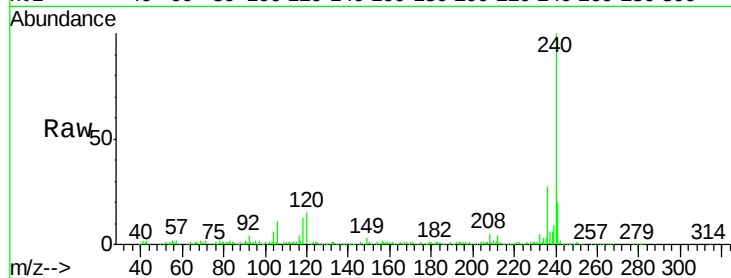




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF085582.D
Acq: 19 Mar 2016 19:32

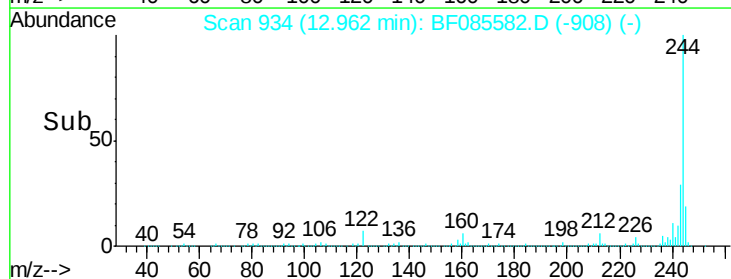
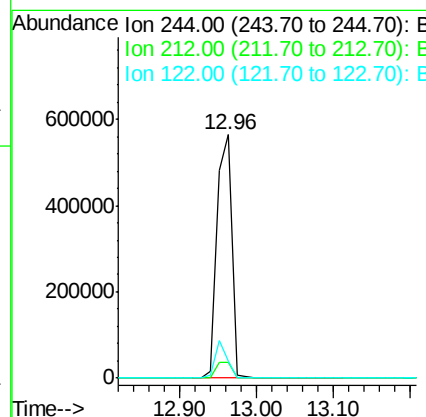
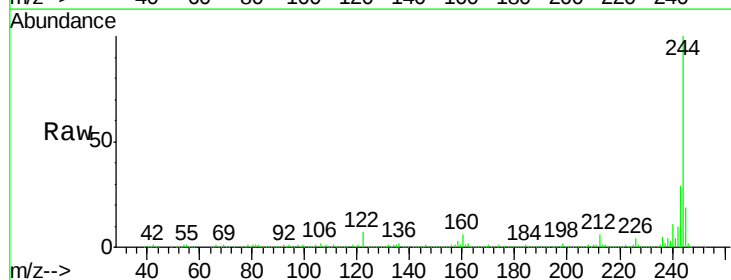
Instrument :
BNA_F
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SB-5(9-10)

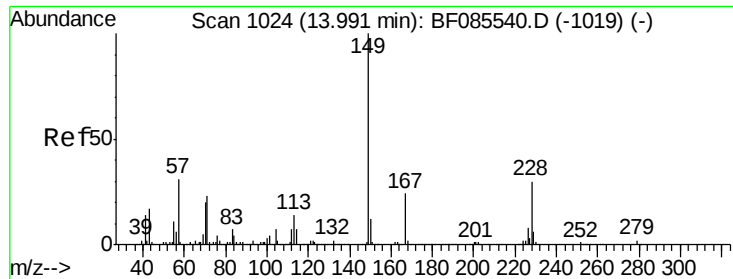
Tgt Ion:240 Resp: 233660
Ion Ratio Lower Upper
240 100
120 15.5 13.8 20.8
236 26.8 20.6 30.8



#78
Terphenyl-d14
Concen: 76.16 ng
RT: 12.96 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF085582.D
Acq: 19 Mar 2016 19:32

Tgt Ion:244 Resp: 739528
Ion Ratio Lower Upper
244 100
212 6.4 6.1 9.1
122 6.9 10.2 15.4#

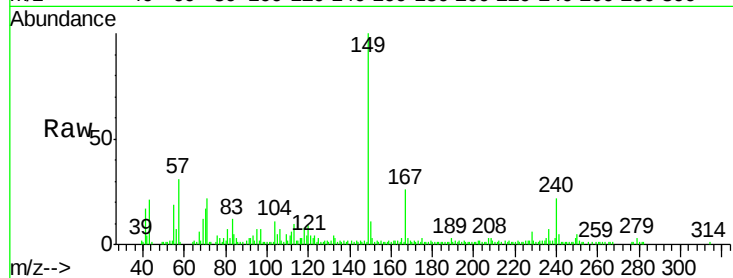




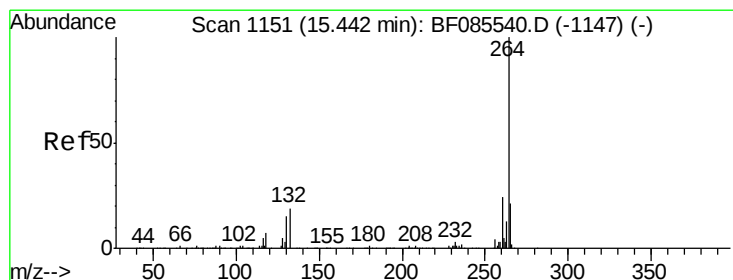
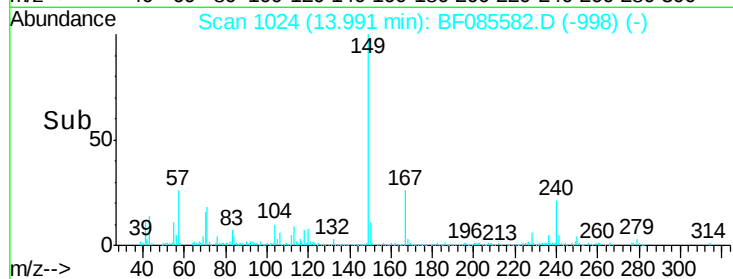
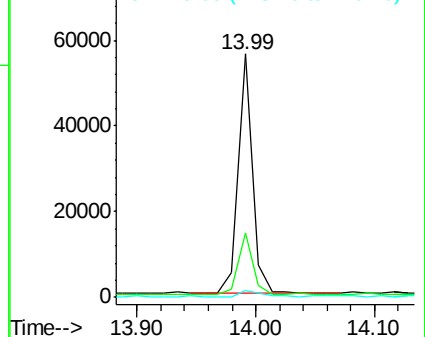
#83
Bis(2-ethylhexyl)phthalate
Concen: 4.72 ng
RT: 13.99 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF085582.D
Acq: 19 Mar 2016 19:32

Instrument :
BNA_F
ClientSampleId :
SB-5(9-10)

Tgt Ion:149 Resp: 46926
Ion Ratio Lower Upper
149 100
167 26.3 19.4 29.2
279 3.1 1.5 2.3#

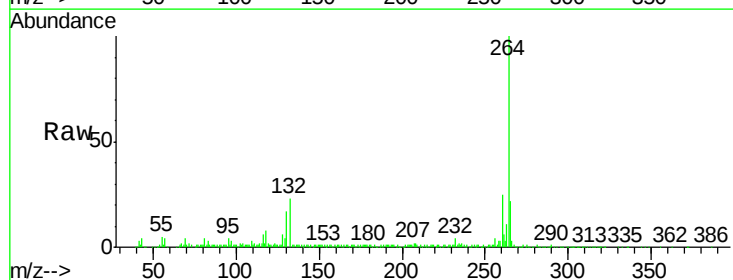


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF085582.D
Acq: 19 Mar 2016 19:32

Tgt Ion:264 Resp: 232701
Ion Ratio Lower Upper
264 100
260 24.5 19.4 29.2
265 22.0 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

