

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075535.D
 Acq On : 15 Nov 2014 12:04
 Operator : TP / JJ
 Sample : F4706-09
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(5-7)-111114

Quant Time: Nov 16 02:37:34 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 16 02:30:12 2014
 Response via : Initial Calibration

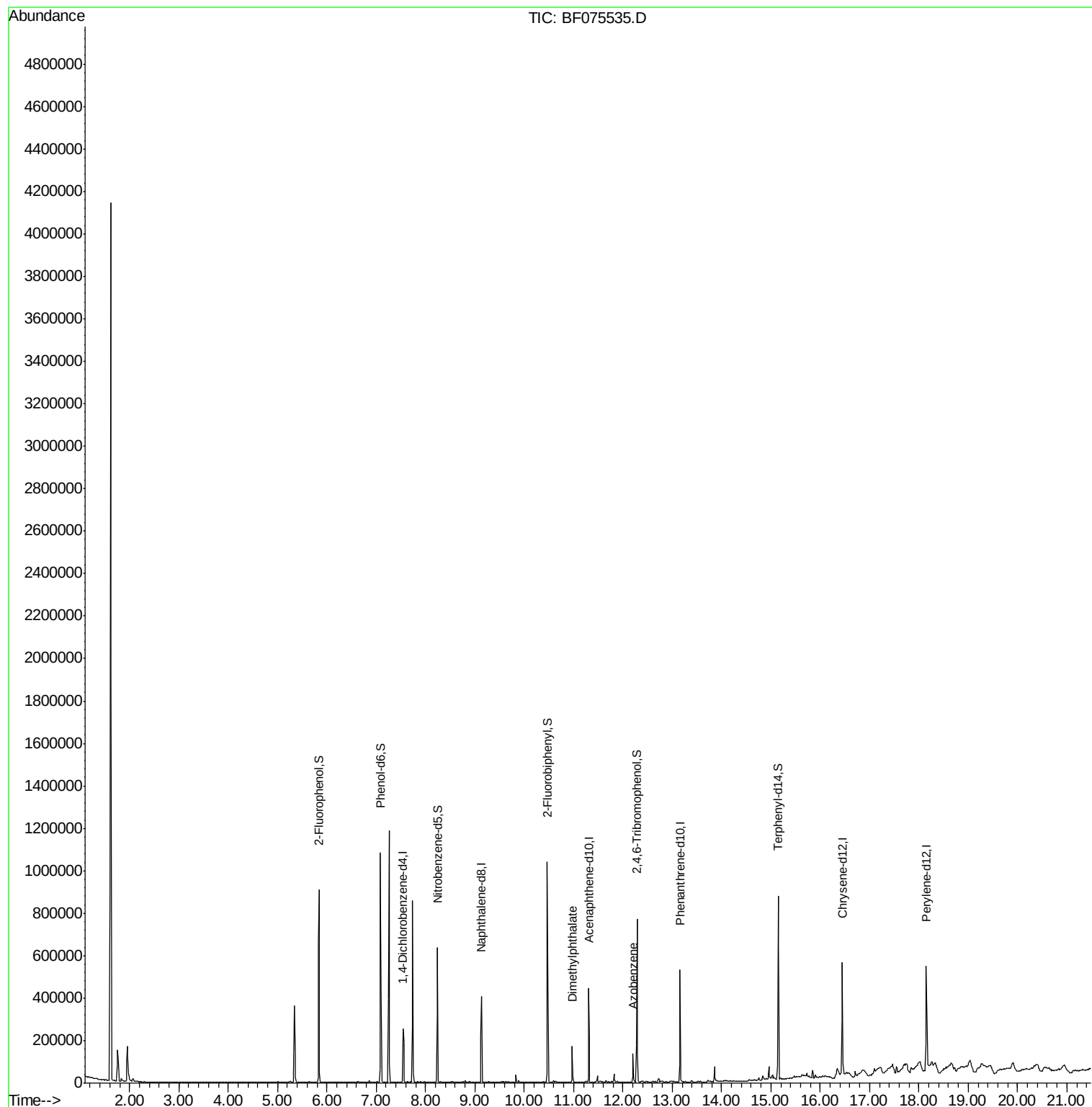
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	51452	20.00	ng	-0.01
21) Naphthalene-d8	9.13	136	218534	20.00	ng	0.00
38) Acenaphthene-d10	11.30	164	113138	20.00	ng	-0.01
63) Phenanthrene-d10	13.16	188	197587	20.00	ng	0.00
75) Chrysene-d12	16.45	240	217651	20.00	ng	-0.01
86) Perylene-d12	18.15	264	229544	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	327669	112.51	ng	0.01
7) Phenol-d6	7.09	99	392977	112.20	ng	0.00
23) Nitrobenzene-d5	8.24	82	218000	73.14	ng	0.00
41) 2,4,6-Tribromophenol	12.29	330	91863	96.94	ng	-0.01
44) 2-Fluorobiphenyl	10.47	172	369486	59.01	ng	-0.01
78) Terphenyl-d14	15.15	244	371713	45.98	ng	-0.01
Target Compounds						
49) Dimethylphthalate	10.97	163	67346	8.71	ng	Qvalue 99
62) Azobenzene	12.21	77	22747	3.22	ng	# 1

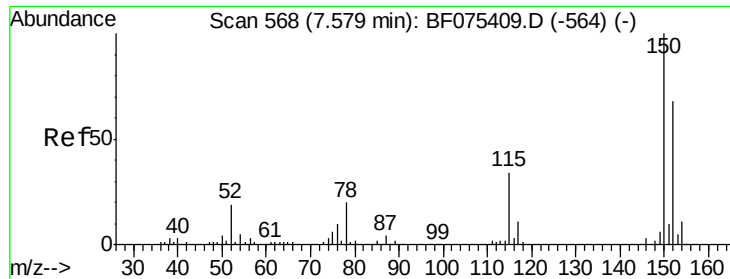
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.54 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF075535.D

Acq: 15 Nov 2014 12:04

Instrument :

BNA_F

ClientSampleId :

SB-10(5-7)-111114

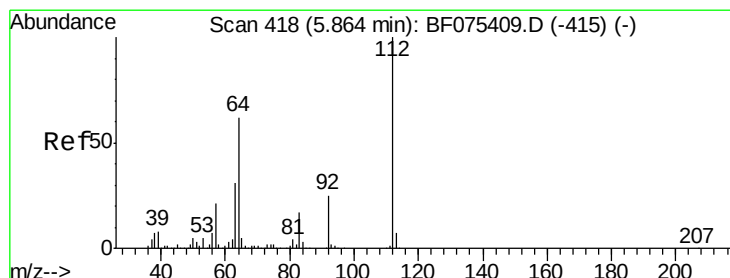
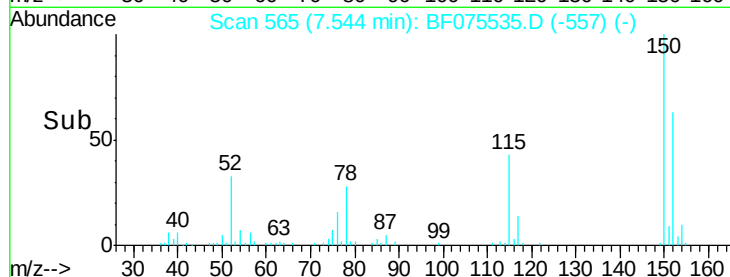
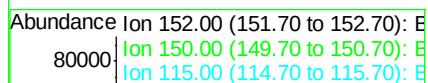
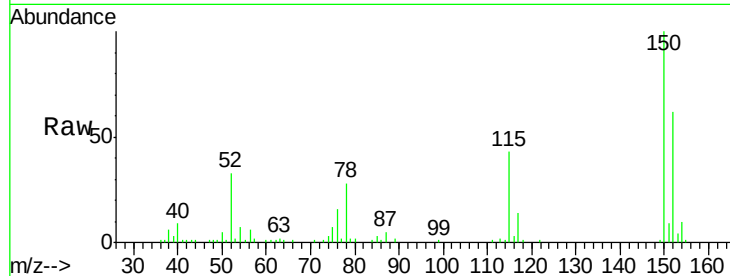
Tgt Ion:152 Resp: 51452

Ion Ratio Lower Upper

152 100

150 160.4 127.2 190.8

115 68.7 57.1 85.7



#5

2-Fluorophenol

Concen: 112.51 ng

RT: 5.84 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF075535.D

Acq: 15 Nov 2014 12:04

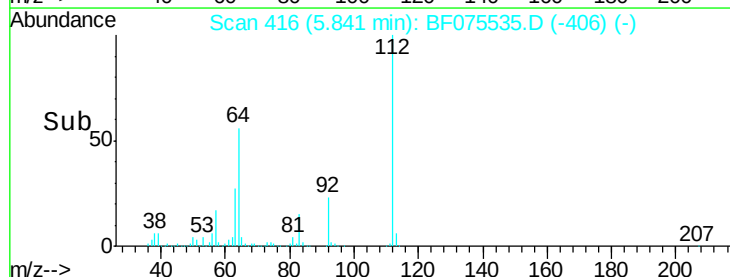
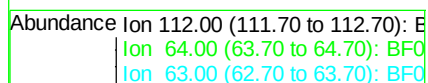
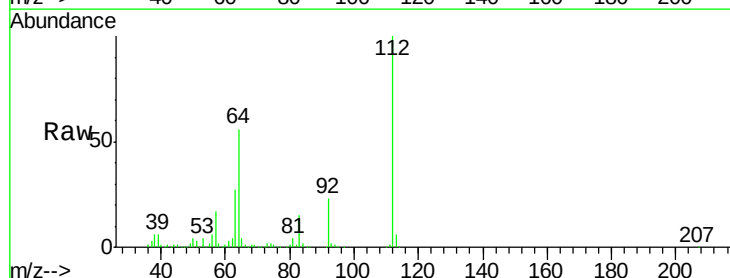
Tgt Ion:112 Resp: 327669

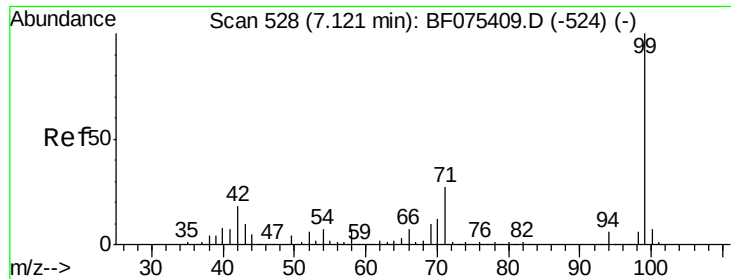
Ion Ratio Lower Upper

112 100

64 56.4 45.8 68.6

63 27.5 22.7 34.1





#7

Phenol-d6

Concen: 112.20 ng

RT: 7.09 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF075535.D

Acq: 15 Nov 2014 12:04

Instrument :

BNA_F

ClientSampleId :

SB-10(5-7)-111114

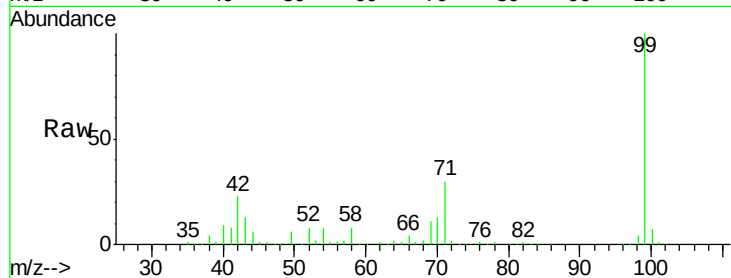
Tgt Ion: 99 Resp: 392977

Ion Ratio Lower Upper

99 100

42 23.4 19.8 29.6

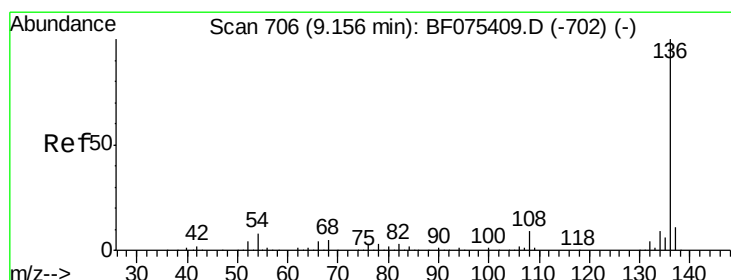
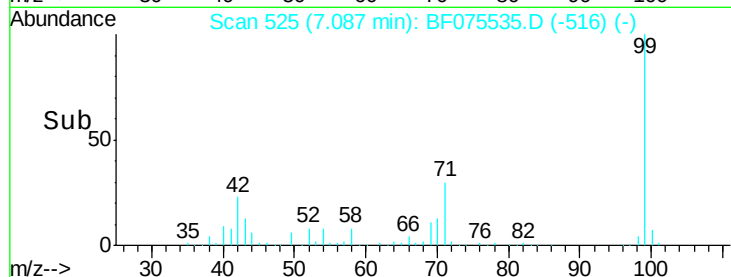
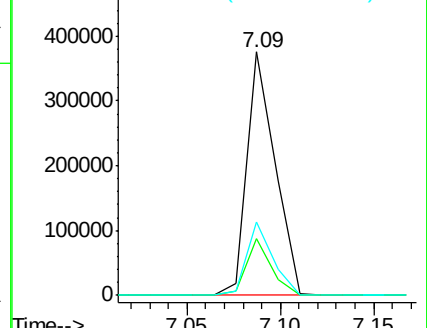
71 30.4 25.5 38.3



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: 9.13 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF075535.D

Acq: 15 Nov 2014 12:04

Tgt Ion: 136 Resp: 218534

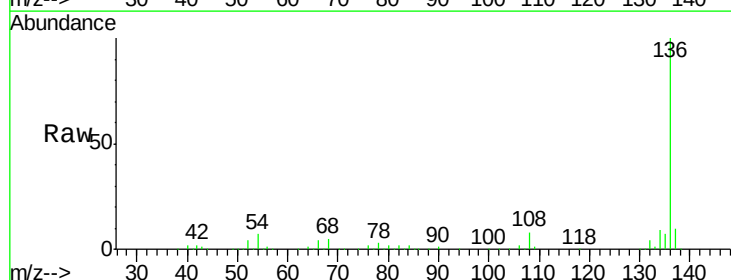
Ion Ratio Lower Upper

136 100

137 10.1 8.2 12.4

54 7.2 6.2 9.4

68 4.8 3.4 5.2

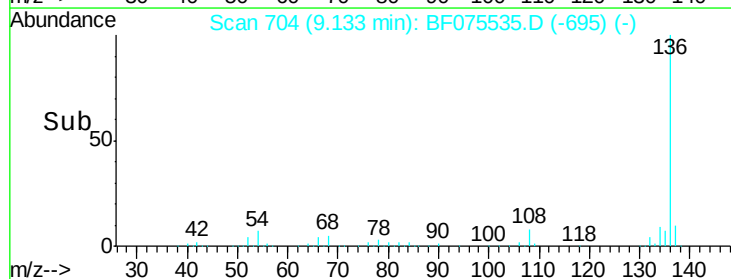
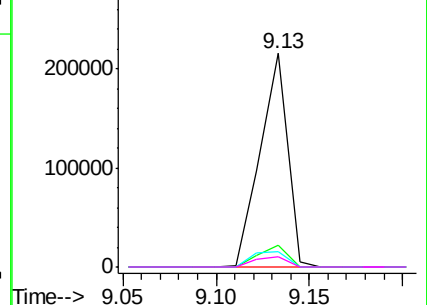


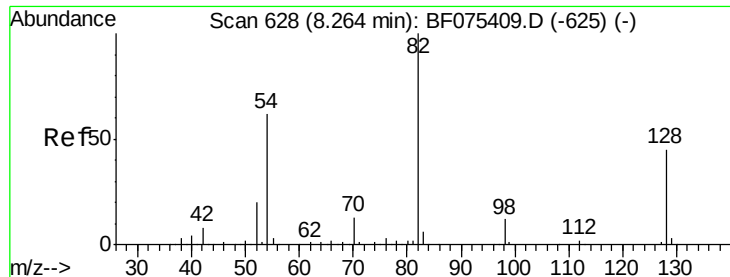
Abundance Ion 136.00 (135.70 to 136.70): E

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

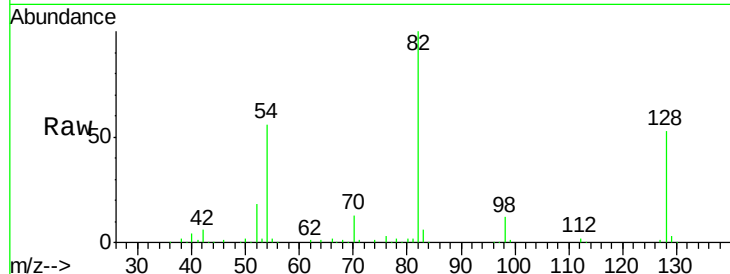




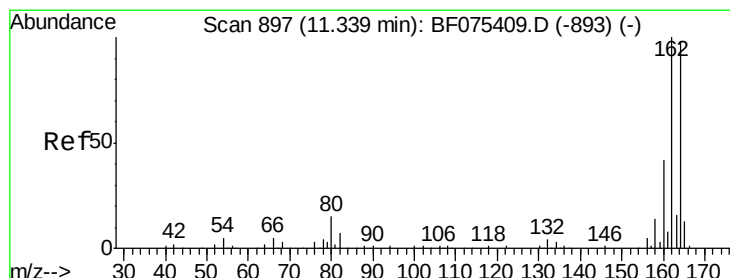
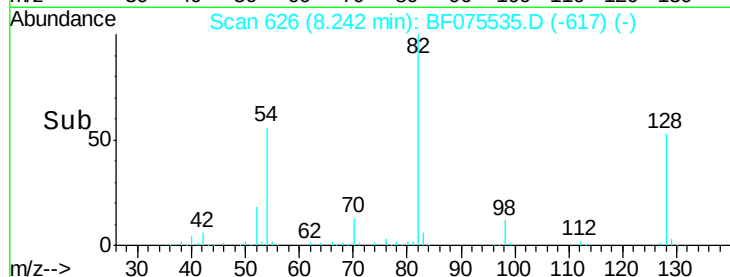
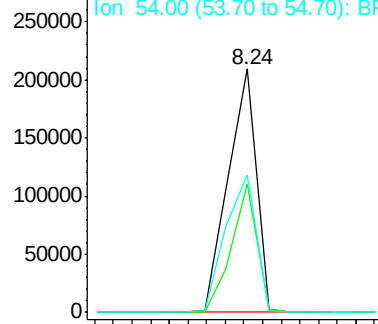
#23
 Nitrobenzene-d5
 Concen: 73.14 ng
 RT: 8.24 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF075535.D
 Acq: 15 Nov 2014 12:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(5-7)-111114

Tgt Ion: 82 Resp: 218000
 Ion Ratio Lower Upper
 82 100
 128 52.8 37.8 56.6
 54 56.3 49.8 74.8

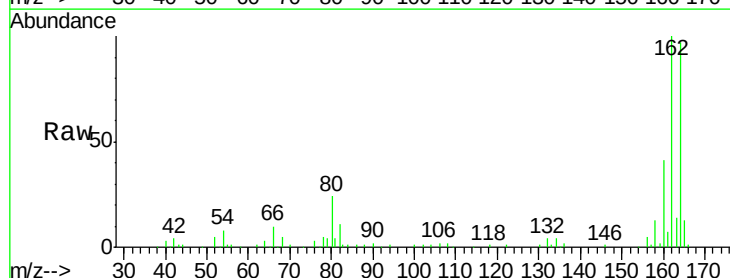


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

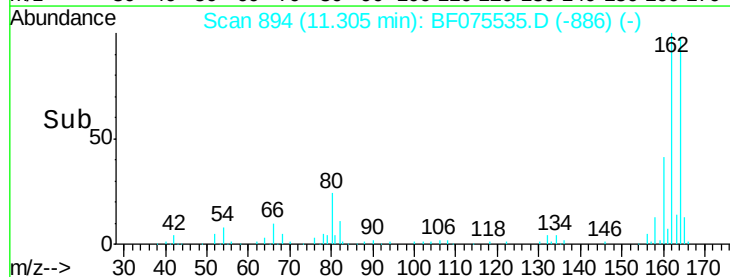
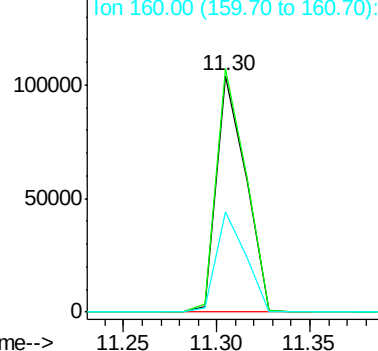


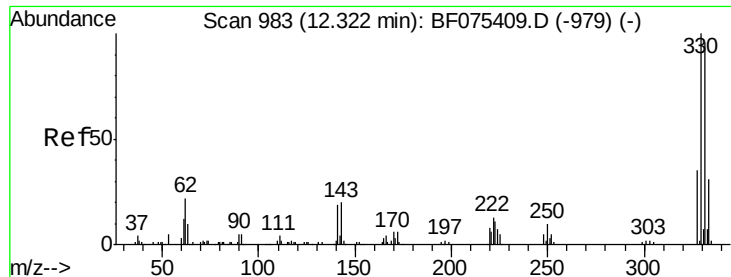
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF075535.D
 Acq: 15 Nov 2014 12:04

Tgt Ion: 164 Resp: 113138
 Ion Ratio Lower Upper
 164 100
 162 103.1 79.1 118.7
 160 42.5 34.6 51.8



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

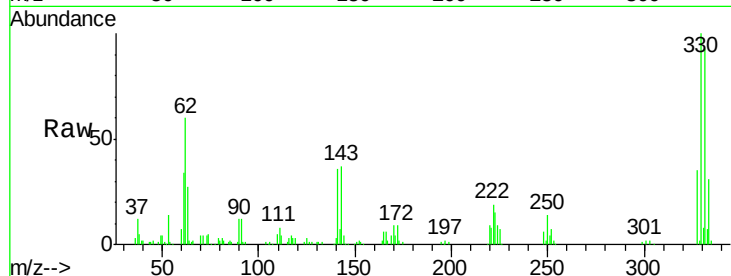




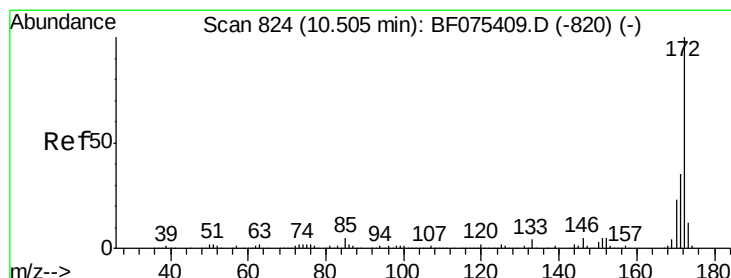
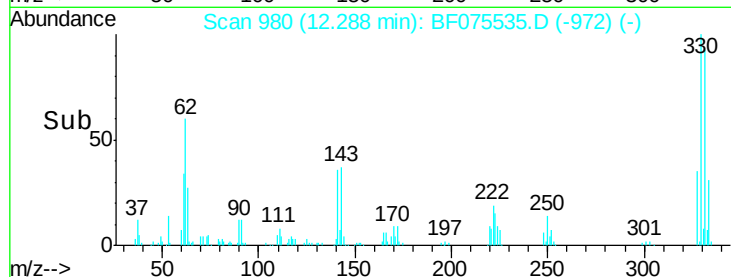
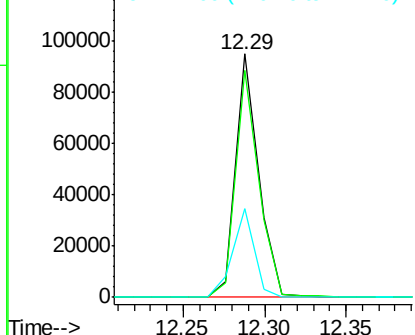
#41
 2,4,6-Tribromophenol
 Concen: 96.94 ng
 RT: 12.29 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF075535.D
 Acq: 15 Nov 2014 12:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(5-7)-111114

Tgt Ion:330 Resp: 91863
 Ion Ratio Lower Upper
 330 100
 332 94.6 74.5 111.7
 141 34.5 30.7 46.1

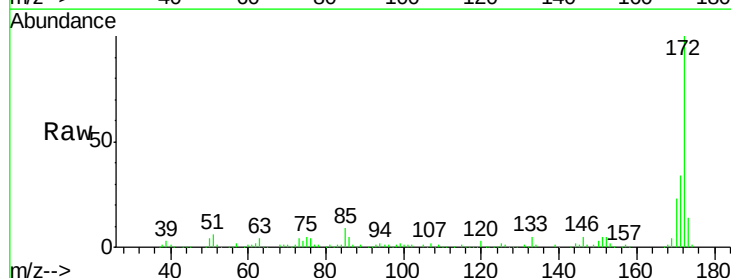


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

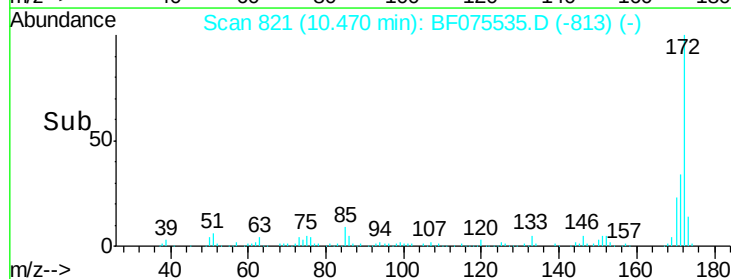
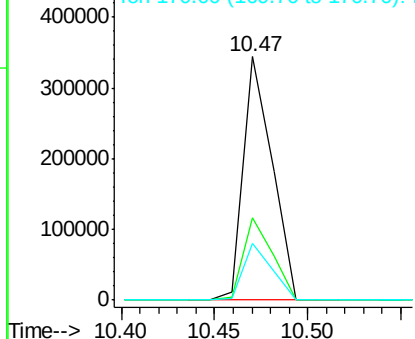


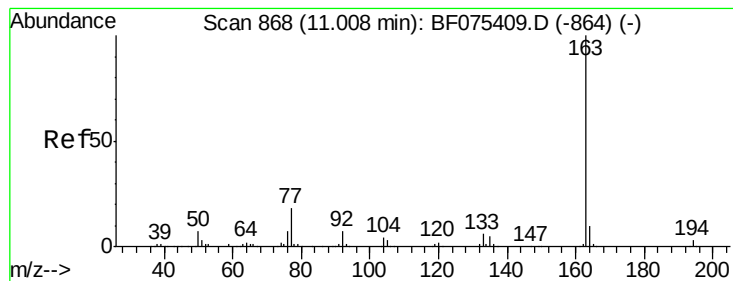
#44
 2-Fluorobiphenyl
 Concen: 59.01 ng
 RT: 10.47 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF075535.D
 Acq: 15 Nov 2014 12:04

Tgt Ion:172 Resp: 369486
 Ion Ratio Lower Upper
 172 100
 171 33.9 27.3 40.9
 170 23.3 18.4 27.6



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: 8.71 ng

RT: 10.97 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF075535.D

Acq: 15 Nov 2014 12:04

Instrument :

BNA_F

ClientSampleId :

SB-10(5-7)-111114

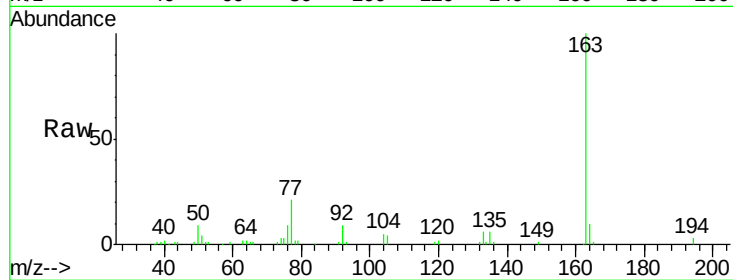
Tgt Ion: 163 Resp: 67346

Ion Ratio Lower Upper

163 100

194 3.0 2.7 4.1

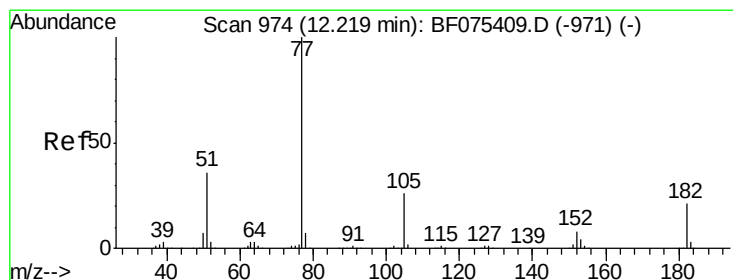
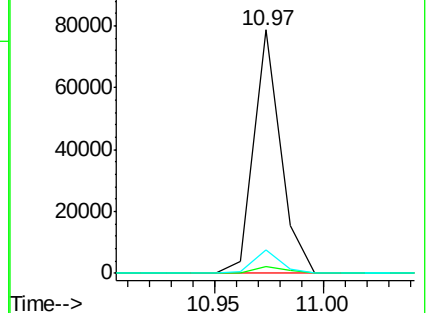
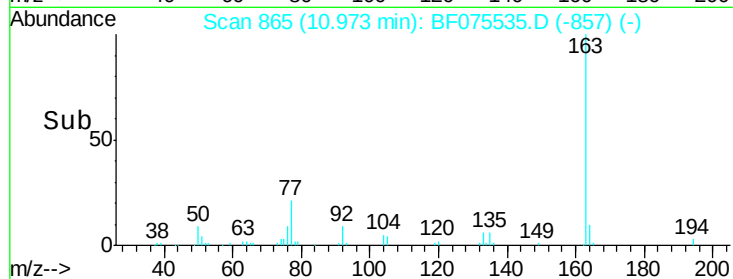
164 9.8 8.0 12.0



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



#62

Azobenzene

Concen: 3.22 ng

RT: 12.21 min Scan# 973

Delta R.T. 0.01 min

Lab File: BF075535.D

Acq: 15 Nov 2014 12:04

Tgt Ion: 77 Resp: 22747

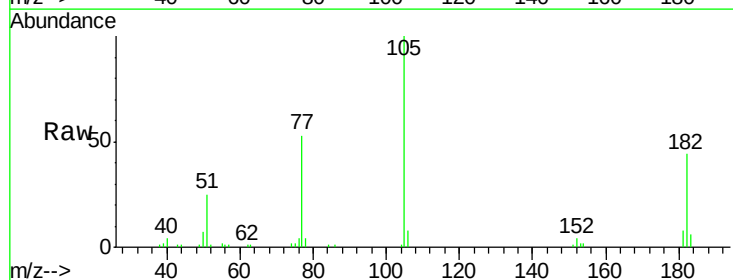
Ion Ratio Lower Upper

77 100

182 83.0 0.0 37.1#

105 190.4 3.7 43.7#

51 47.5 18.7 58.7

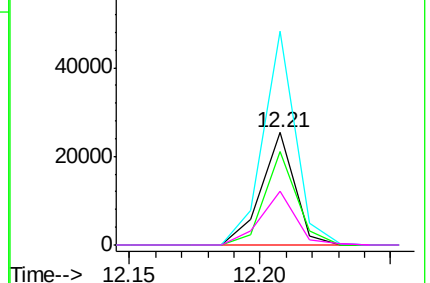
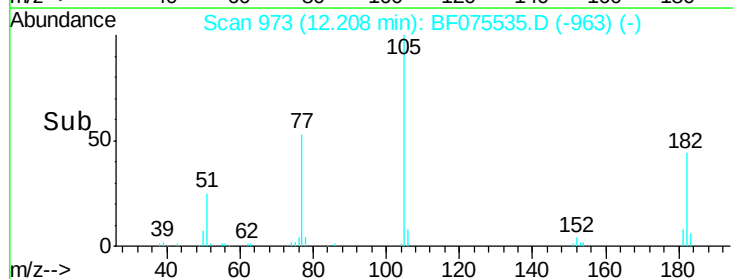


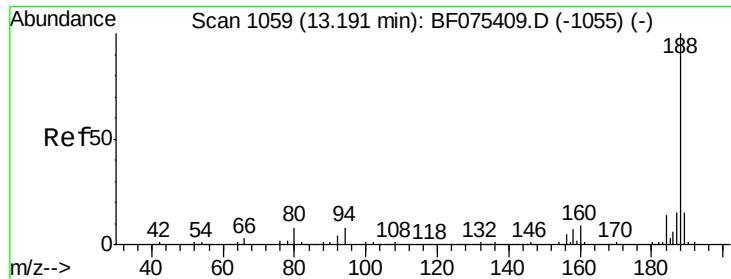
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

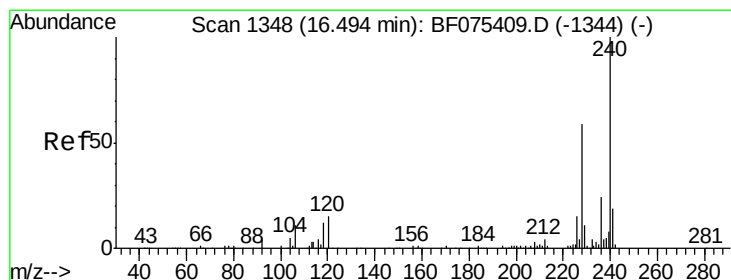
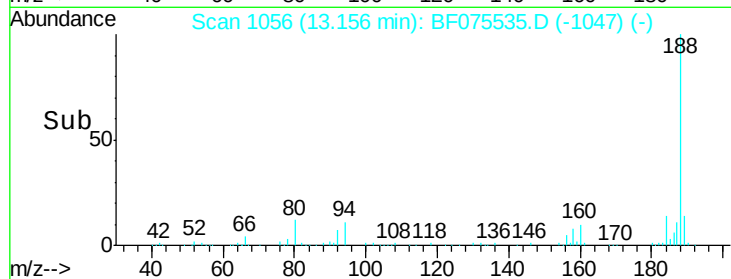
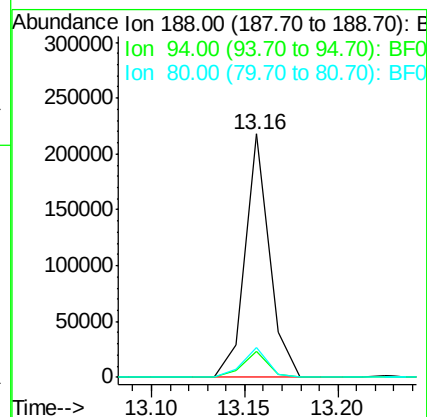
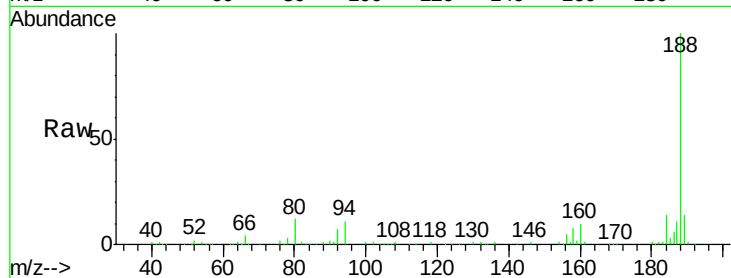




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.16 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF075535.D
Acq: 15 Nov 2014 12:04

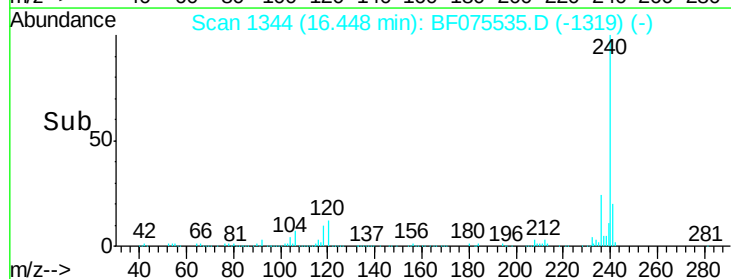
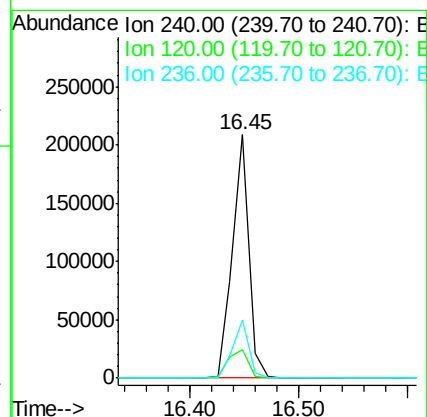
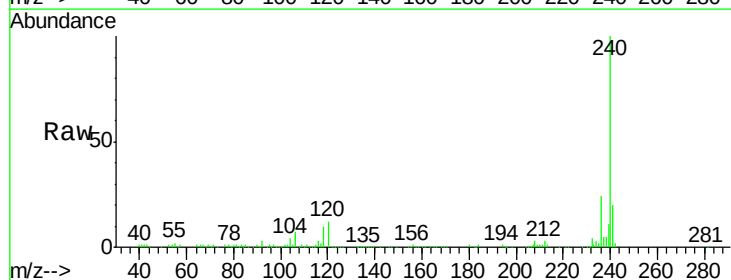
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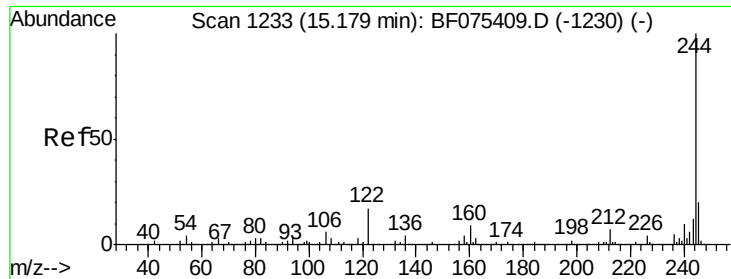
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	7.8	11.6
80	12.1	8.0	12.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.45 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF075535.D
Acq: 15 Nov 2014 12:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.6	14.4
236	23.6	18.9	28.3

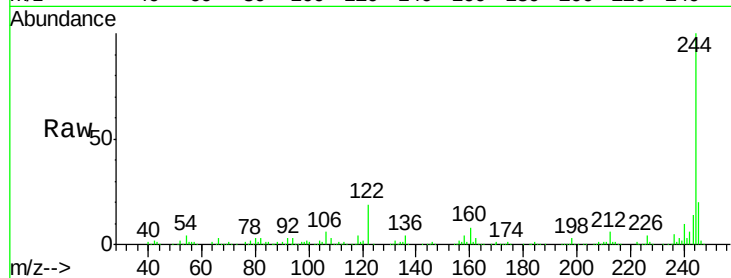




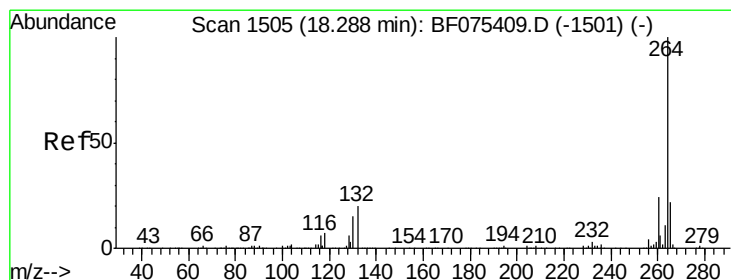
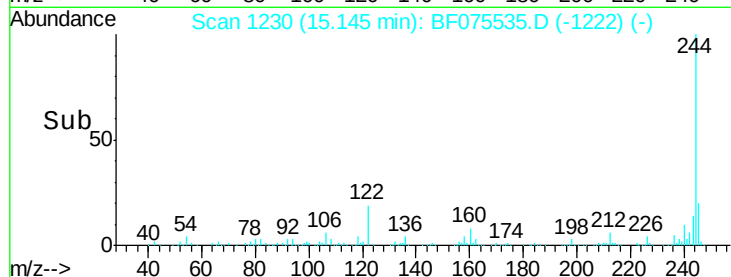
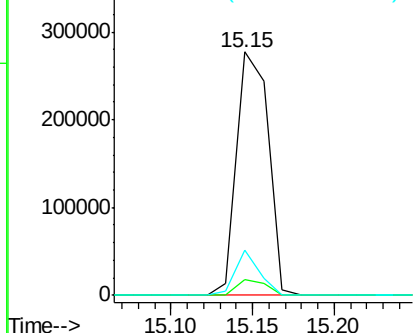
#78
 Terphenyl-d14
 Concen: 45.98 ng
 RT: 15.15 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF075535.D
 Acq: 15 Nov 2014 12:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(5-7)-111114

Tgt Ion:244 Resp: 371713
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.5 8.3
 122 18.6 9.7 14.5#

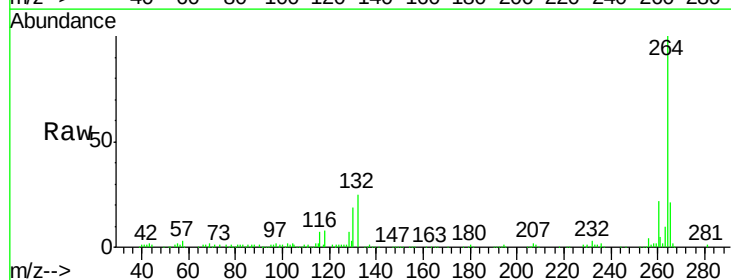


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.15 min Scan# 1493
 Delta R.T. -0.08 min
 Lab File: BF075535.D
 Acq: 15 Nov 2014 12:04

Tgt Ion:264 Resp: 229544
 Ion Ratio Lower Upper
 264 100
 260 22.0 17.9 26.9
 265 21.2 16.3 24.5



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

