

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102016\
 Data File : BF090684.D
 Acq On : 20 Oct 2016 16:10
 Operator : UM/SJ
 Sample : H5315-01 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FO-TANK-BOTTOM

Quant Time: Oct 20 18:01:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 15:13:23 2016
 Response via : Initial Calibration

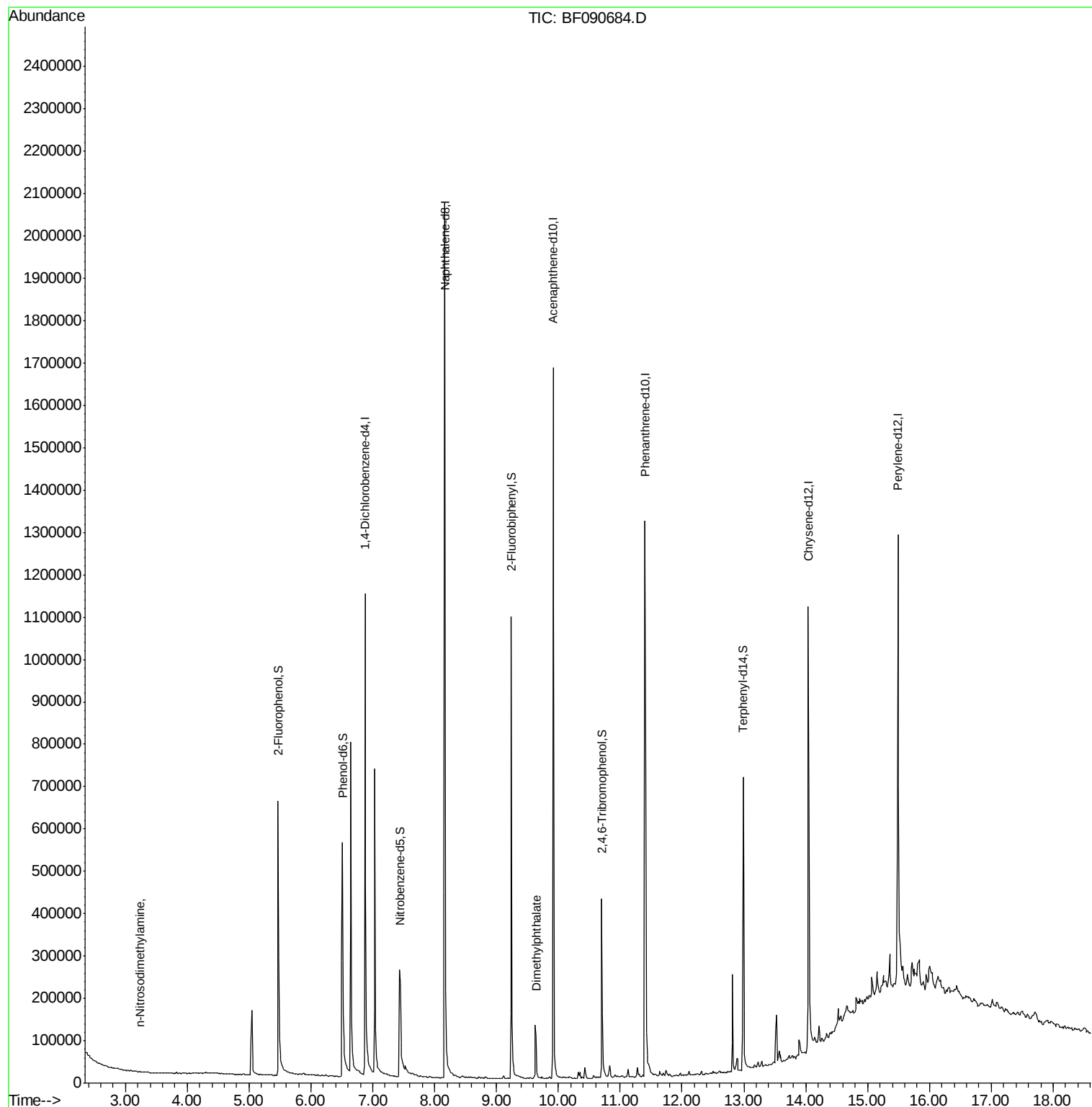
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	200094	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	962267	20.00	ng	-0.01
38) Acenaphthene-d10	9.91	164	448889	20.00	ng	-0.02
63) Phenanthrene-d10	11.40	188	612326	20.00	ng	-0.02
75) Chrysene-d12	14.04	240	450665	20.00	ng	-0.02
86) Perylene-d12	15.49	264	470162	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	230542	21.12	ng	-0.02
7) Phenol-d6	6.51	99	308452	19.02	ng	-0.02
23) Nitrobenzene-d5	7.43	82	192248	11.10	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	42382	10.59	ng	-0.02
44) 2-Fluorobiphenyl	9.24	172	338765	12.43	ng	-0.02
78) Terphenyl-d14	12.99	244	214489	11.08	ng	-0.02
Target Compounds						
4) n-Nitrosodimethylamine	3.23	42	1070	7.35	ng	Qvalue # 1
49) Dimethylphthalate	9.64	163	72913	2.50	ng	97

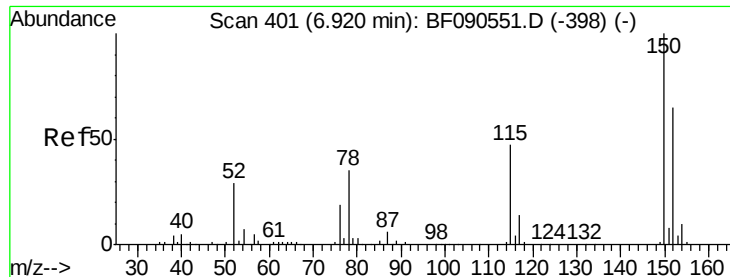
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.87 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF090684.D

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FO-TANK-BOTTOM

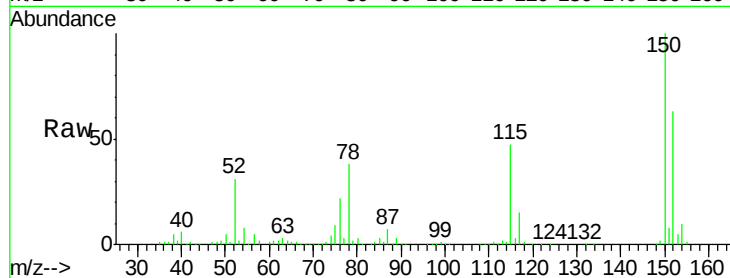
Tgt Ion:152 Resp: 200094

Ion Ratio Lower Upper

152 100

150 158.9 127.2 190.8

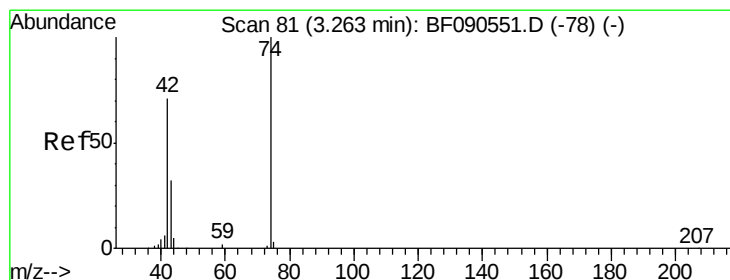
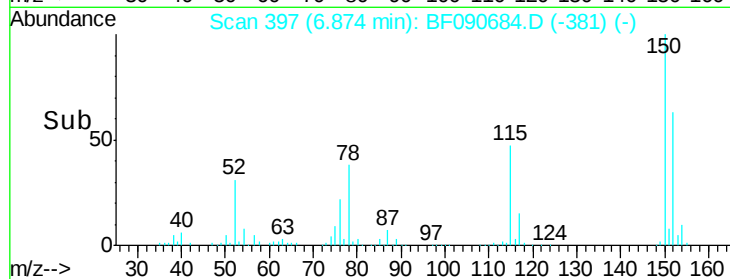
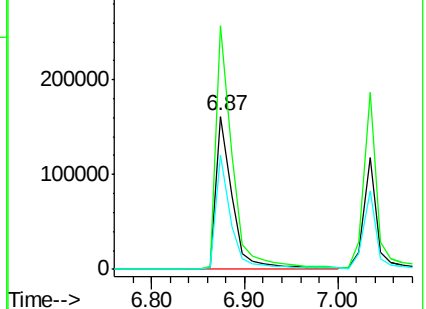
115 74.6 58.6 88.0



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



#4

n-Nitrosodimethylamine

Concen: 7.35 ng

RT: 3.23 min Scan# 78

Delta R.T. 0.01 min

Lab File: BF090684.D

Acq: 20 Oct 2016 16:10

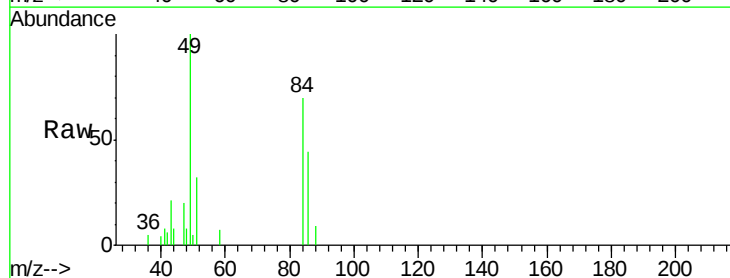
Tgt Ion: 42 Resp: 1070

Ion Ratio Lower Upper

42 100

74 0.0 113.3 169.9#

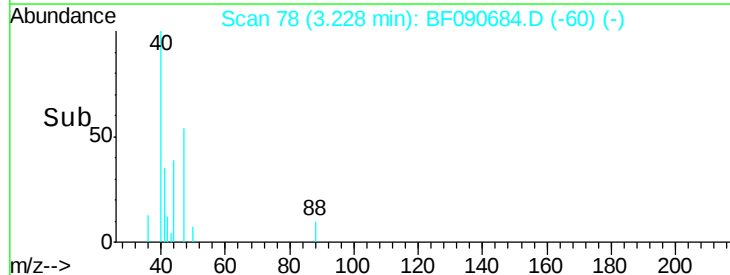
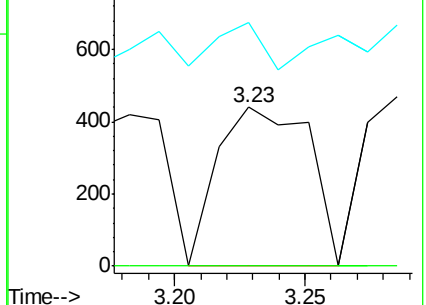
44 153.2 6.0 9.0#

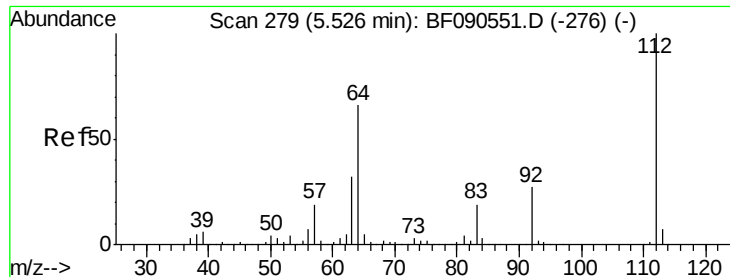


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 21.12 ng

RT: 5.47 min Scan# 274

Delta R.T. -0.02 min

Lab File: BF090684.D

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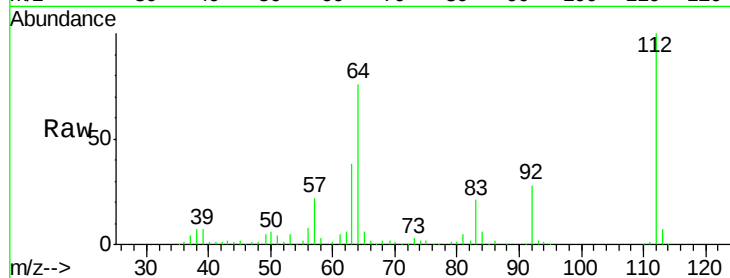
Tgt Ion: 112 Resp: 230542

Ion Ratio Lower Upper

112 100

64 75.6 52.6 78.8

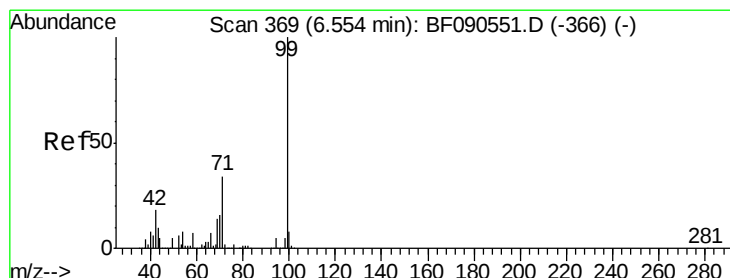
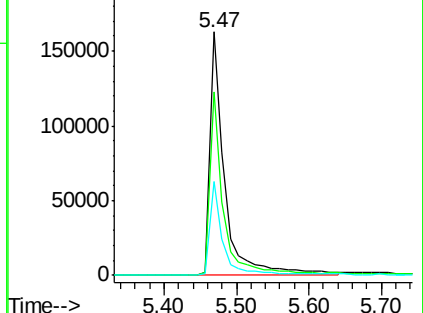
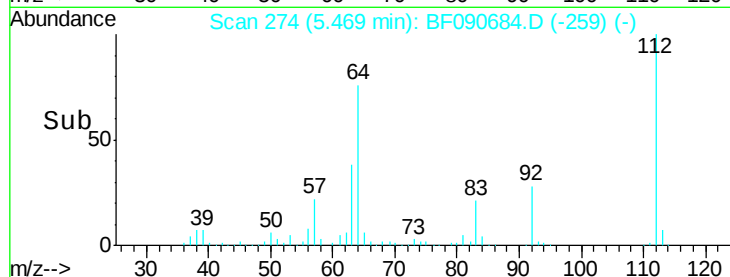
63 38.5 26.0 39.0



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: 19.02 ng

RT: 6.51 min Scan# 365

Delta R.T. -0.02 min

Lab File: BF090684.D

Acq: 20 Oct 2016 16:10

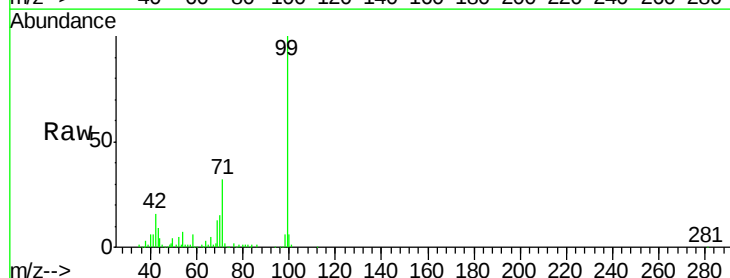
Tgt Ion: 99 Resp: 308452

Ion Ratio Lower Upper

99 100

42 16.1 14.7 22.1

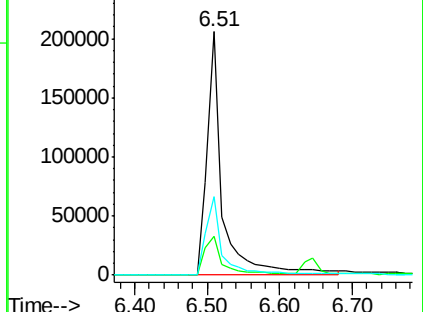
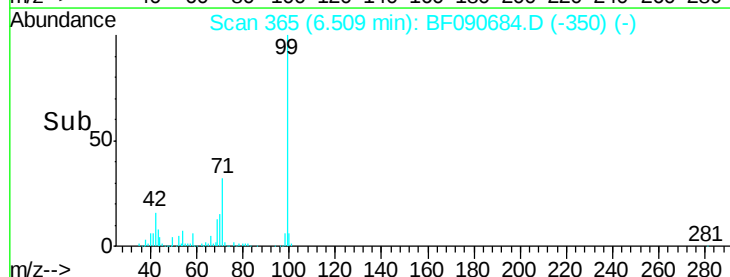
71 32.1 27.6 41.4

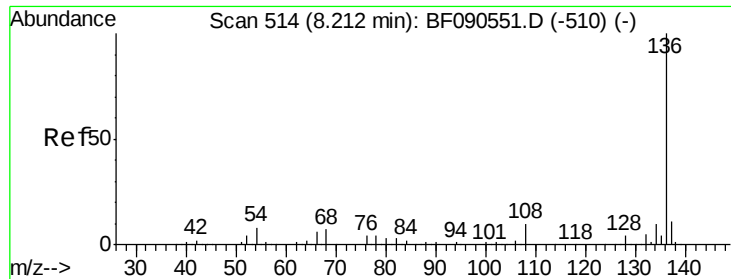


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

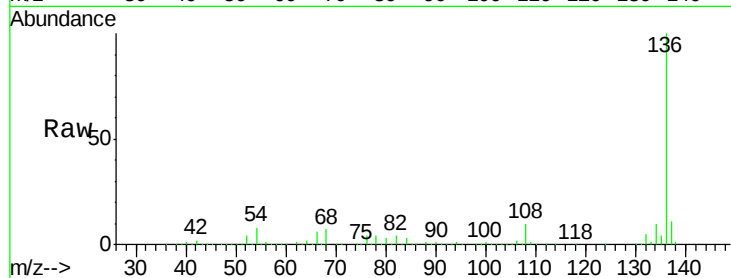




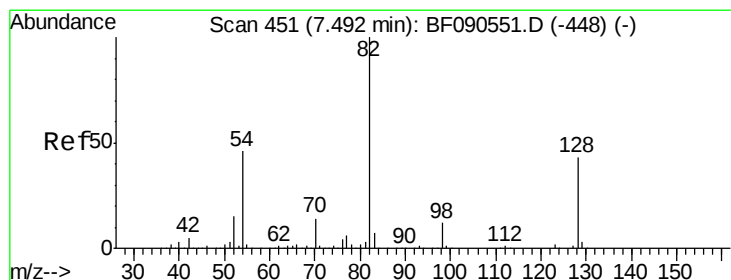
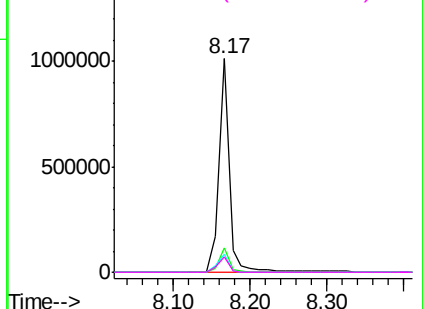
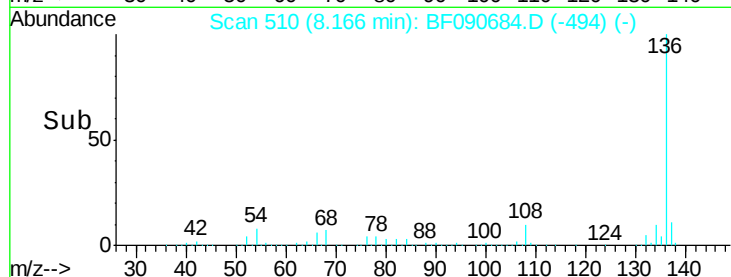
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF090684.D
Acq: 20 Oct 2016 16:10

Instrument :
BNA_F
ClientSampleId :
FO-TANK-BOTTOM

Tgt Ion:	136	Resp:	962267
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.2	6.8	10.2
68	7.1	6.0	9.0

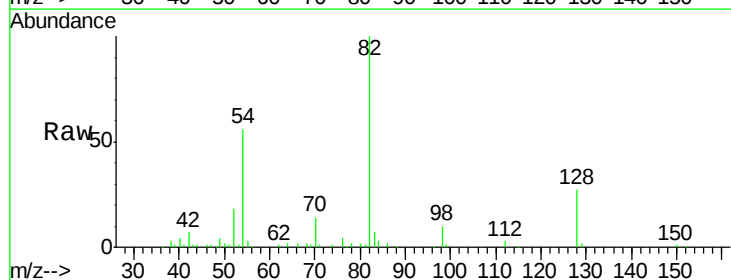


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

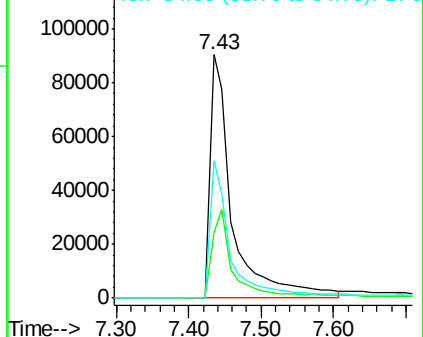
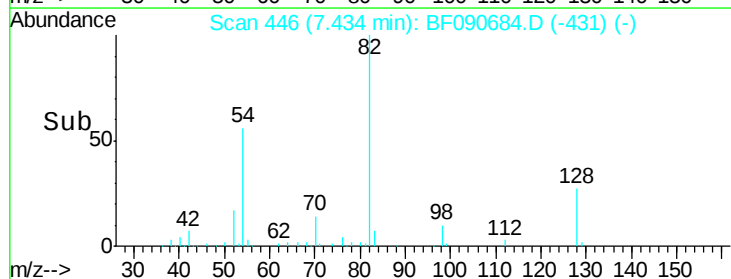


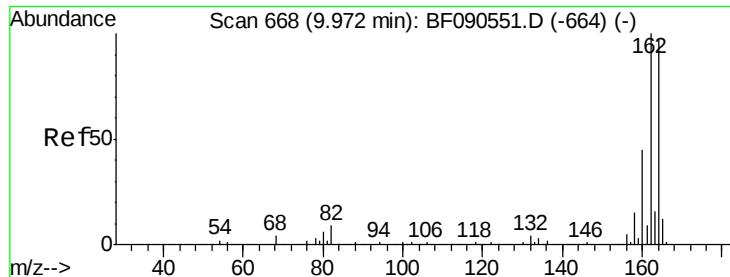
#23
Nitrobenzene-d5
Concen: 11.10 ng
RT: 7.43 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF090684.D
Acq: 20 Oct 2016 16:10

Tgt Ion:	82	Resp:	192248
Ion	Ratio	Lower	Upper
82	100		
128	27.1	34.3	51.5#
54	56.3	37.0	55.6#



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

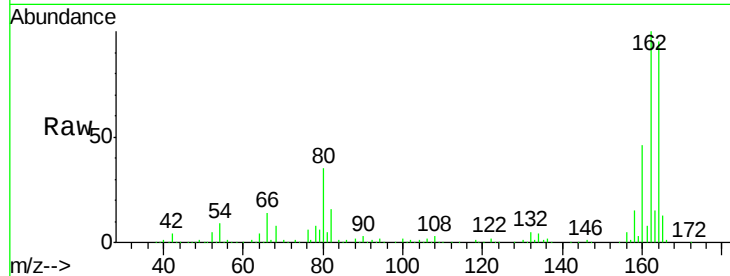




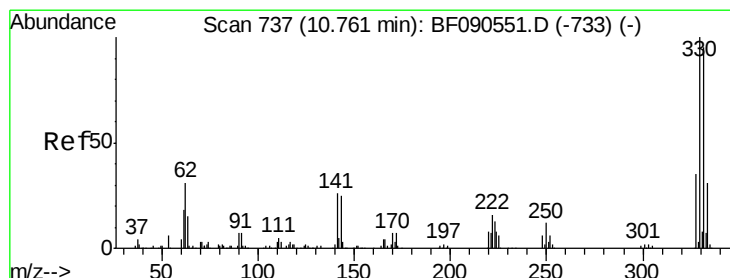
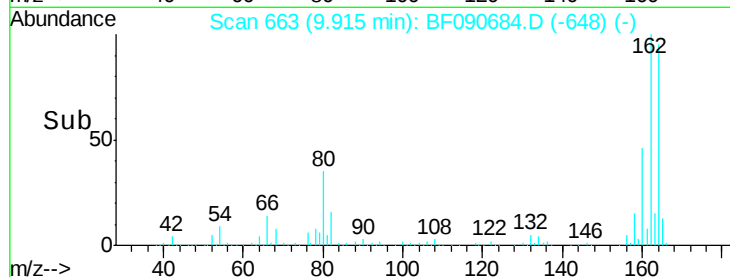
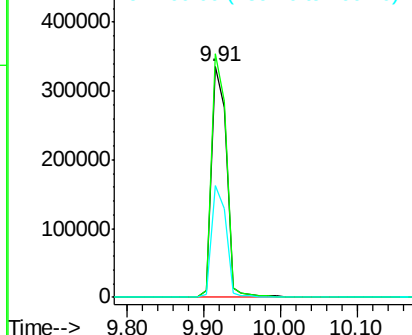
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 663
 Delta R.T. -0.02 min
 Lab File: BF090684.D
 Acq: 20 Oct 2016 16:10

Instrument :
 BNA_F
 ClientSampleId :
 FO-TANK-BOTTOM

Tgt Ion:164 Resp: 448889
 Ion Ratio Lower Upper
 164 100
 162 105.7 82.2 123.4
 160 48.6 36.6 55.0

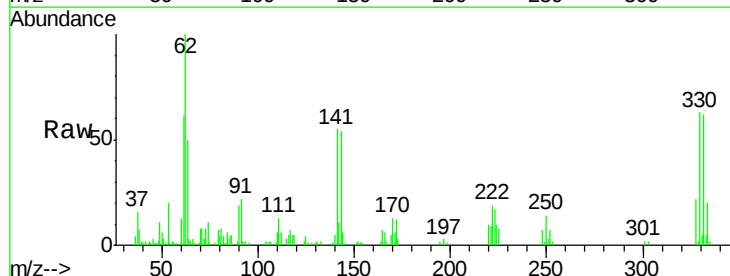


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

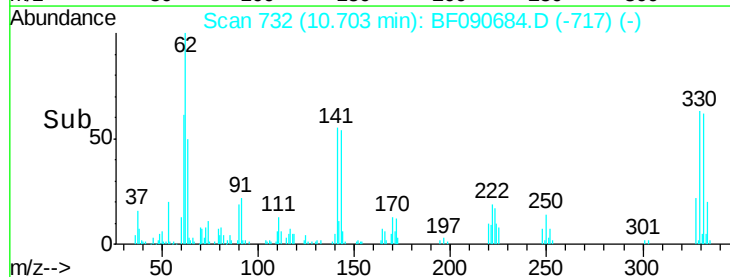
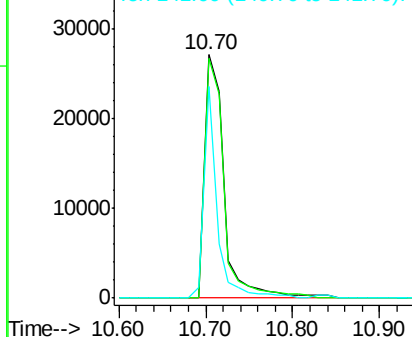


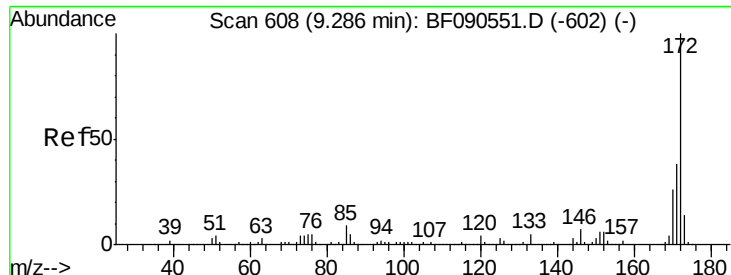
#41
 2,4,6-Tribromophenol
 Concen: 10.59 ng
 RT: 10.70 min Scan# 732
 Delta R.T. -0.02 min
 Lab File: BF090684.D
 Acq: 20 Oct 2016 16:10

Tgt Ion:330 Resp: 42382
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.2 114.2
 141 58.0 31.4 47.2#



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

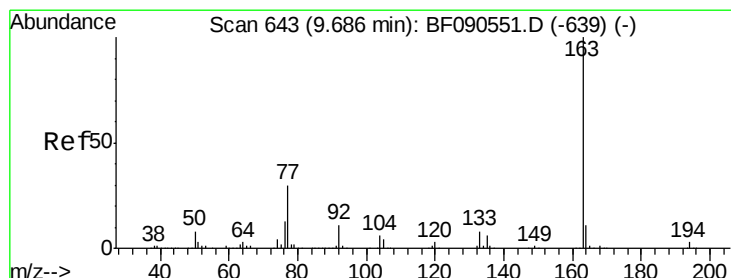
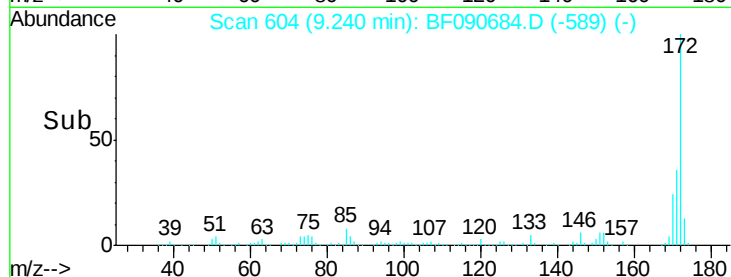
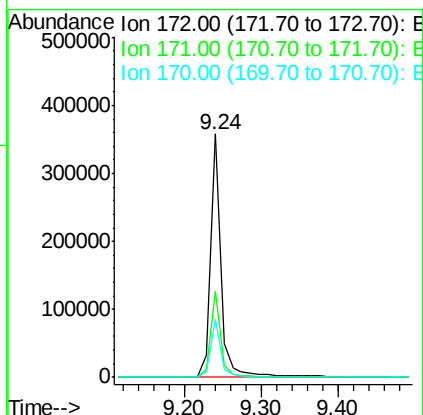
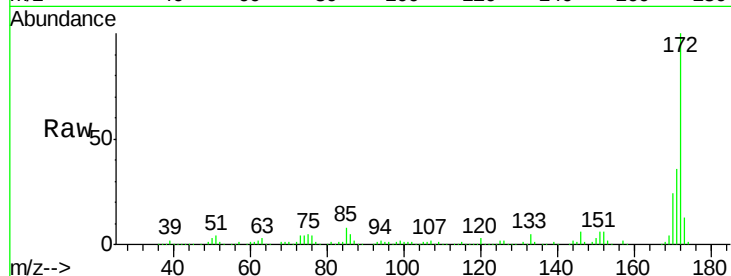




#44
 2-Fluorobiphenyl
 Concen: 12.43 ng
 RT: 9.24 min Scan# 604
 Delta R.T. -0.02 min
 Lab File: BF090684.D
 Acq: 20 Oct 2016 16:10

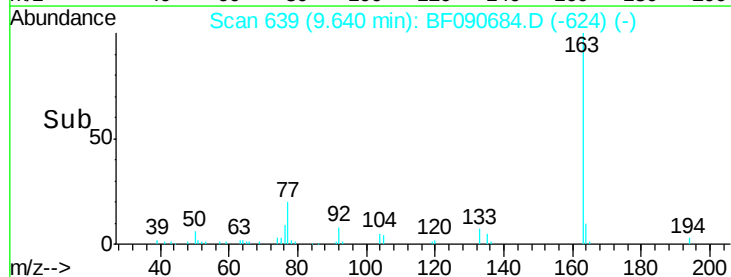
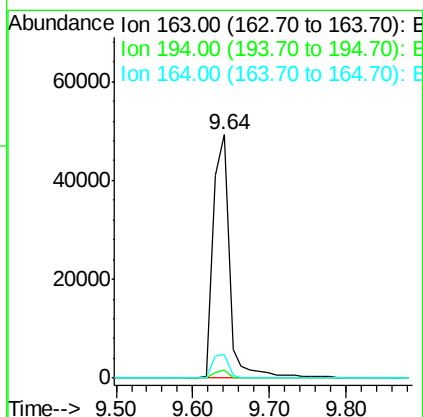
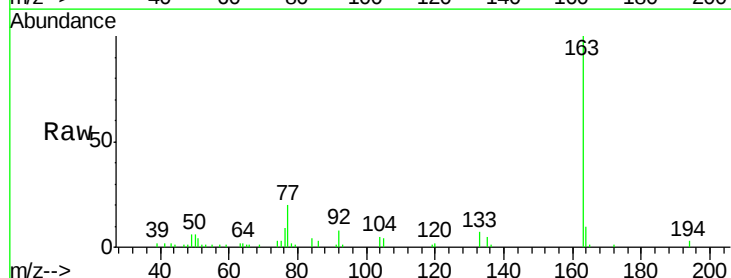
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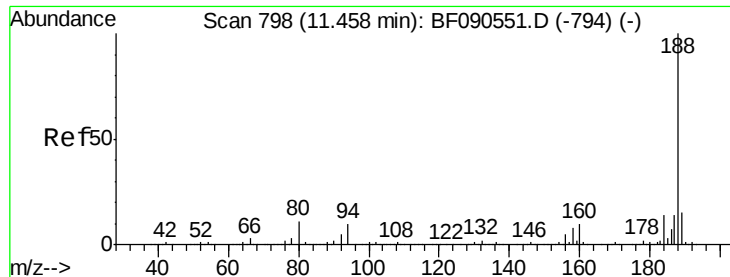
Tgt Ion:172 Resp: 338765
 Ion Ratio Lower Upper
 172 100
 171 35.6 30.1 45.1
 170 24.0 20.6 30.8



#49
 Dimethylphthalate
 Concen: 2.50 ng
 RT: 9.64 min Scan# 639
 Delta R.T. -0.02 min
 Lab File: BF090684.D
 Acq: 20 Oct 2016 16:10

Tgt Ion:163 Resp: 72913
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.3 3.5
 164 9.7 8.6 13.0

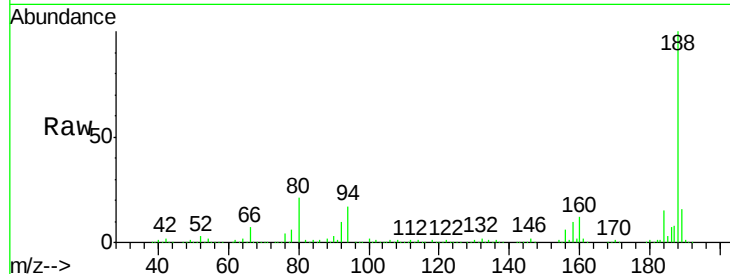




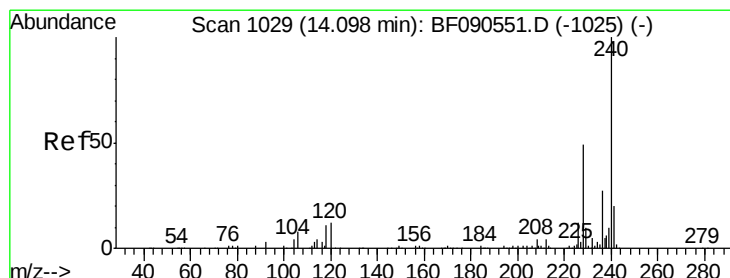
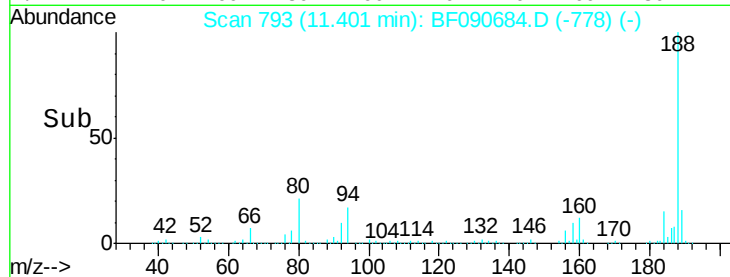
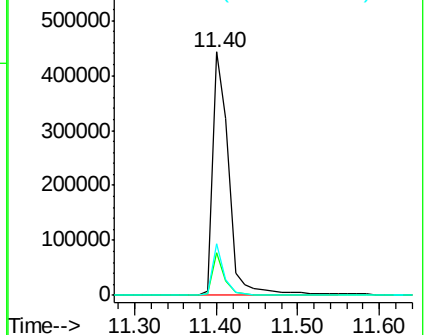
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 793
Delta R.T. -0.02 min
Lab File: BF090684.D
Acq: 20 Oct 2016 16:10

Instrument :
BNA_F
ClientSampleId :
FO-TANK-BOTTOM

Tgt Ion:188 Resp: 612326
Ion Ratio Lower Upper
188 100
94 17.4 7.7 11.5#
80 21.2 8.6 12.8#

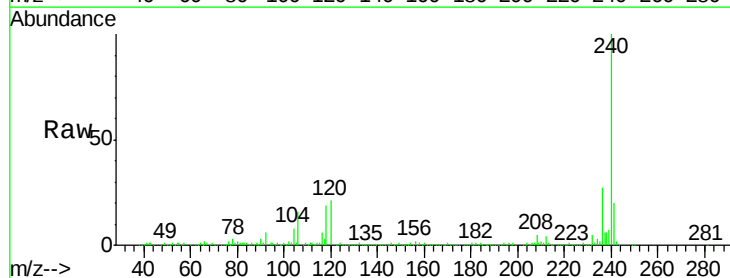


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

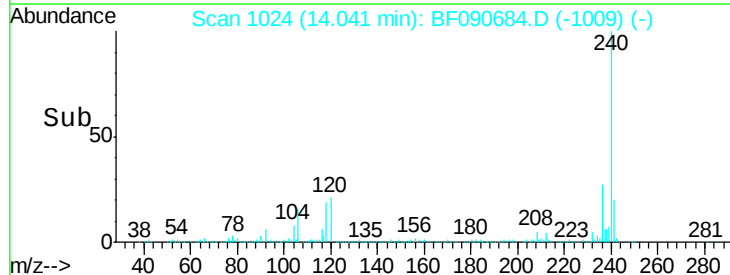
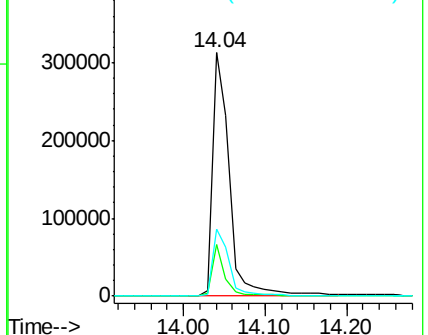


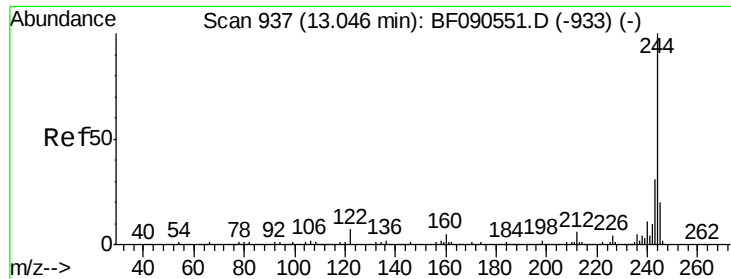
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF090684.D
Acq: 20 Oct 2016 16:10

Tgt Ion:240 Resp: 450665
Ion Ratio Lower Upper
240 100
120 21.4 9.8 14.8#
236 27.3 21.7 32.5



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

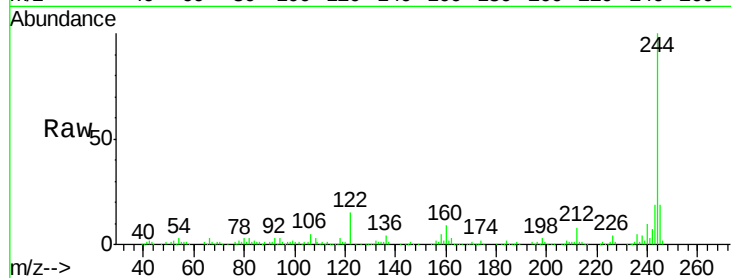




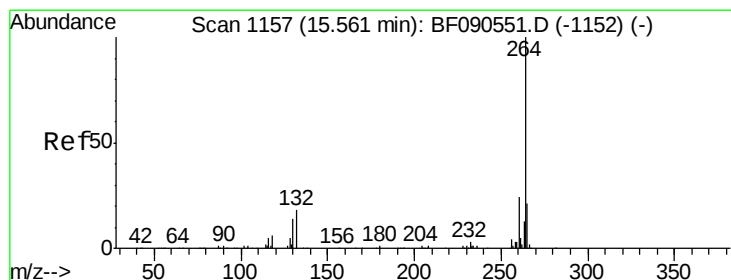
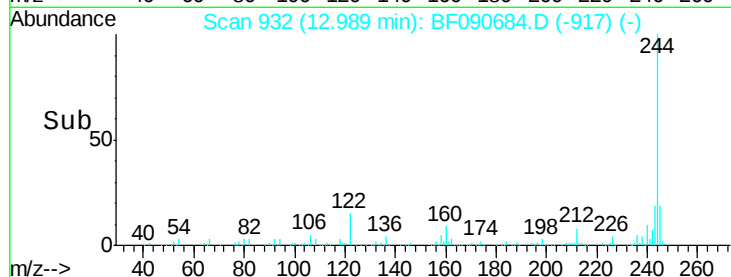
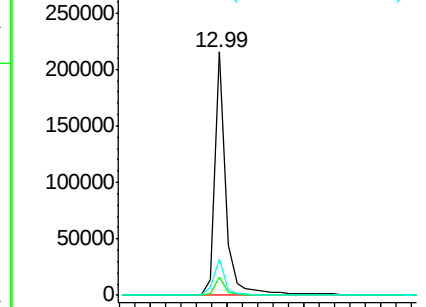
#78
 Terphenyl-d14
 Concen: 11.08 ng
 RT: 12.99 min Scan# 932
 Delta R.T. -0.02 min
 Lab File: BF090684.D
 Acq: 20 Oct 2016 16:10

Instrument :
 BNA_F
 ClientSampleId :
 FO-TANK-BOTTOM

Tgt Ion:244 Resp: 214489
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.0 7.4#
 122 15.1 5.6 8.4#

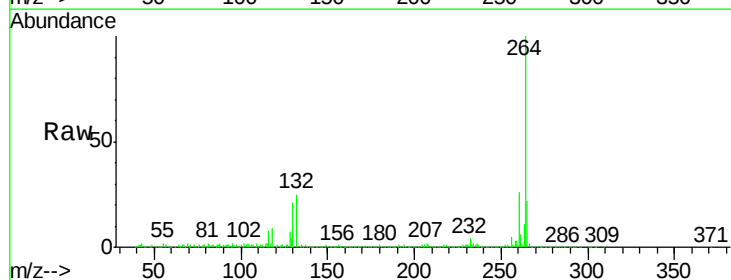


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF090684.D
 Acq: 20 Oct 2016 16:10

Tgt Ion:264 Resp: 470162
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.3 28.9
 265 22.1 16.7 25.1



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

