

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101916\
 Data File : BF090666.D
 Acq On : 19 Oct 2016 23:46
 Operator : UM/SJ
 Sample : PB92148BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94148BL

Quant Time: Oct 20 01:04:48 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

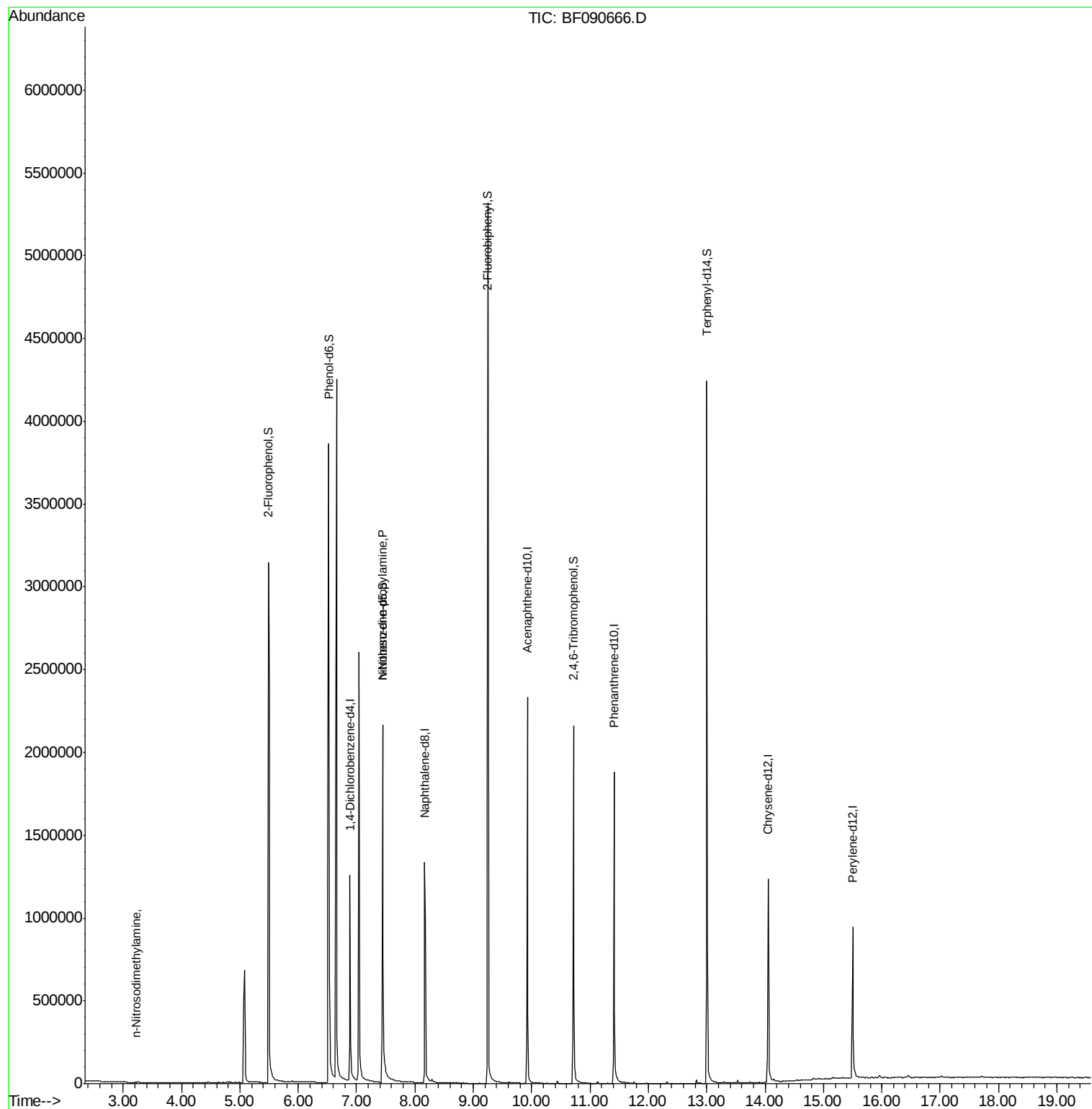
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	210895	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	895777	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	470345	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	713547	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	445599	20.00	ng	-0.01
86) Perylene-d12	15.50	264	411464	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1259508	109.49	ng	0.00
7) Phenol-d6	6.52	99	1592536	93.16	ng	-0.01
23) Nitrobenzene-d5	7.45	82	967240	59.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	250611	59.76	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1766323	61.88	ng	-0.01
78) Terphenyl-d14	13.00	244	1372324	71.71	ng	-0.01
Target Compounds						
4) n-Nitrosodimethylamine	3.23	42	969	7.33	ng	# 1
19) n-Nitroso-di-n-propylamine	7.45	70	109649	9.36	ng	# 80

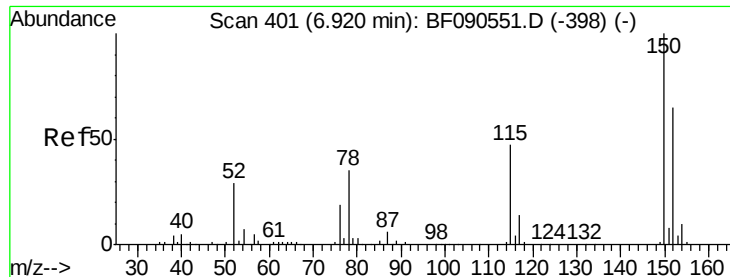
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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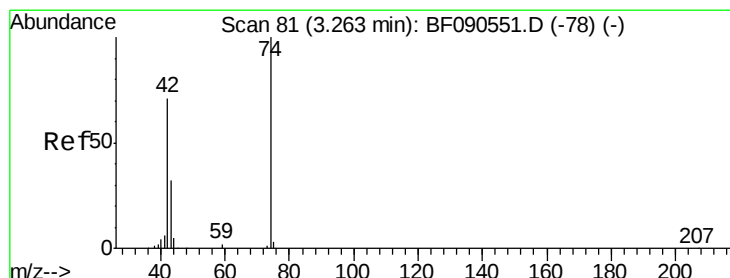
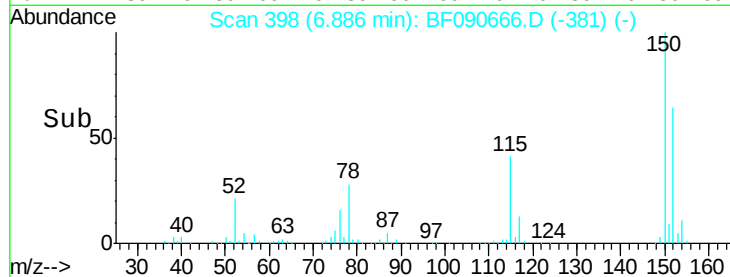
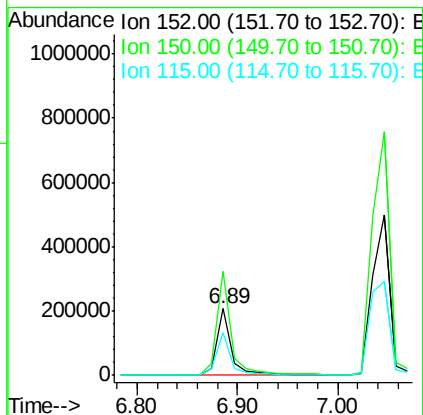
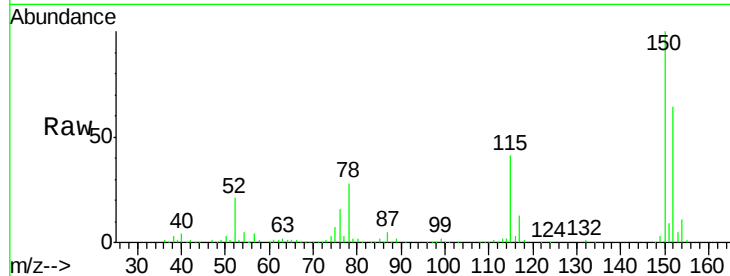


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF090666.D
Acq: 19 Oct 2016 23:46

Instrument :
BNA_F
ClientSampleId :
PB94148BL

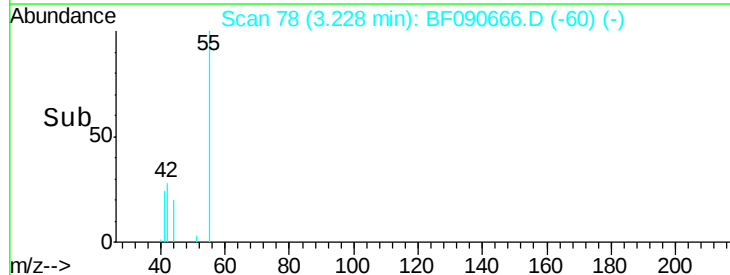
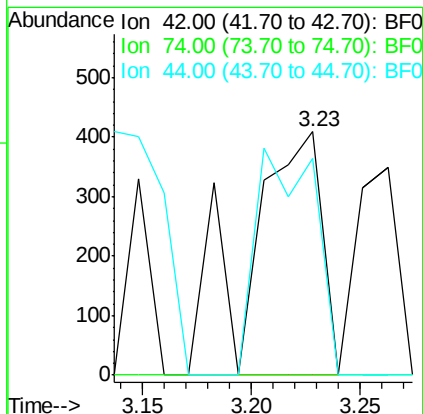
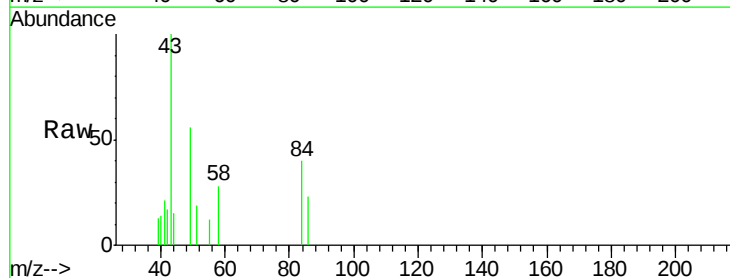
Tgt Ion: 152 Resp: 210895
Ion Ratio Lower Upper
152 100
150 156.5 127.2 190.8
115 64.4 58.6 88.0

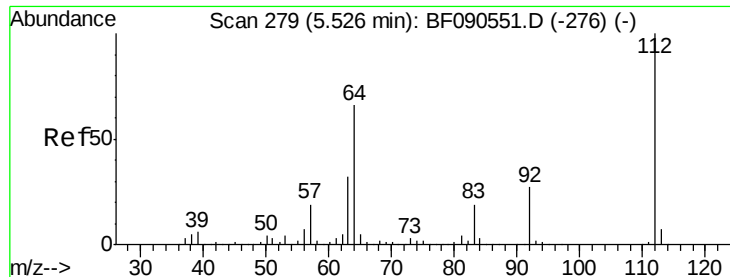


#4

n-Nitrosodimethylamine
Concen: 7.33 ng
RT: 3.23 min Scan# 78
Delta R.T. 0.01 min
Lab File: BF090666.D
Acq: 19 Oct 2016 23:46

Tgt Ion: 42 Resp: 969
Ion Ratio Lower Upper
42 100
74 0.0 113.3 169.9#
44 89.0 6.0 9.0#





#5

2-Fluorophenol

Concen: 109.49 ng

RT: 5.49 min Scan# 276

Delta R.T. -0.00 min

Lab File: BF090666.D

Acq: 19 Oct 2016 23:46

Instrument :

BNA_F

ClientSampleId :

PB94148BL

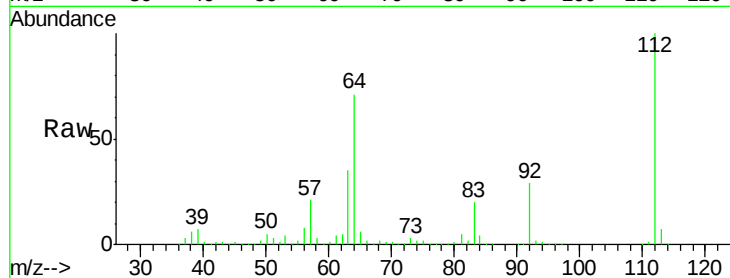
Tgt Ion: 112 Resp: 1259508

Ion Ratio Lower Upper

112 100

64 71.4 52.6 78.8

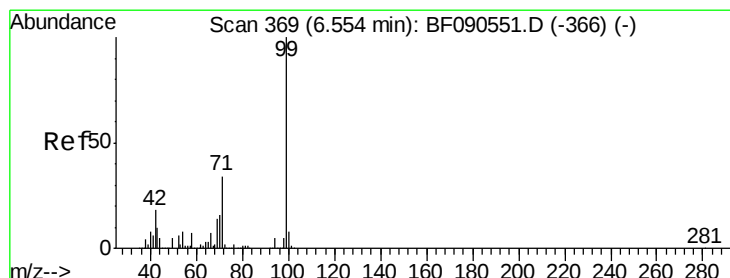
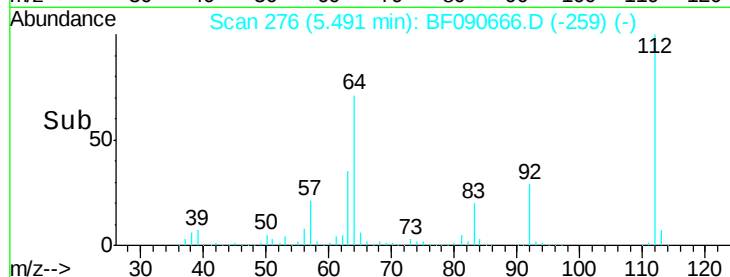
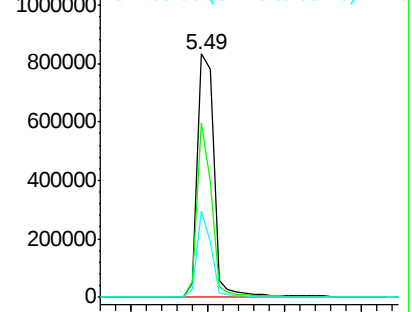
63 35.3 26.0 39.0



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: 93.16 ng

RT: 6.52 min Scan# 366

Delta R.T. -0.01 min

Lab File: BF090666.D

Acq: 19 Oct 2016 23:46

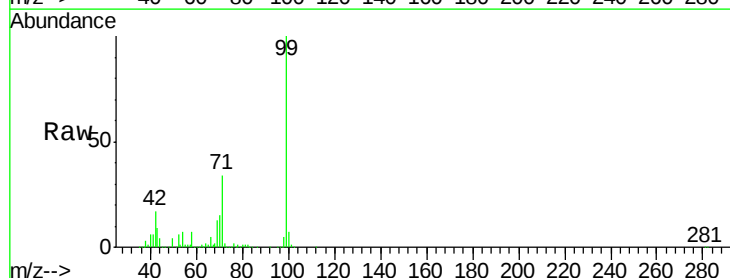
Tgt Ion: 99 Resp: 1592536

Ion Ratio Lower Upper

99 100

42 17.0 14.7 22.1

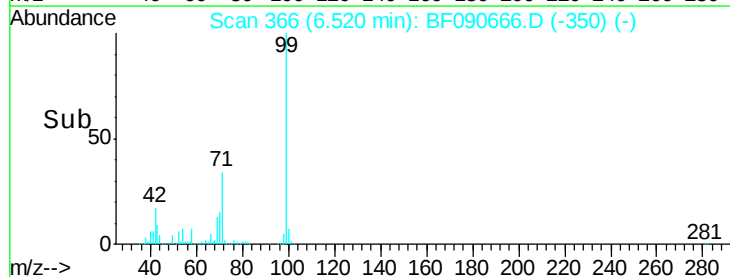
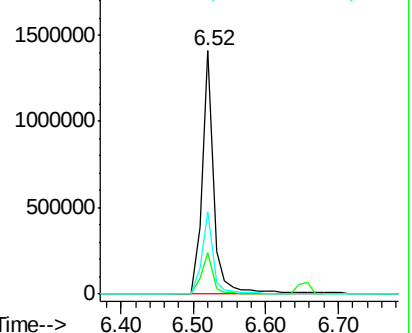
71 33.9 27.6 41.4

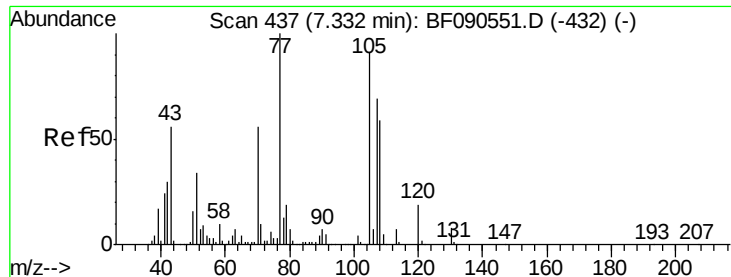


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

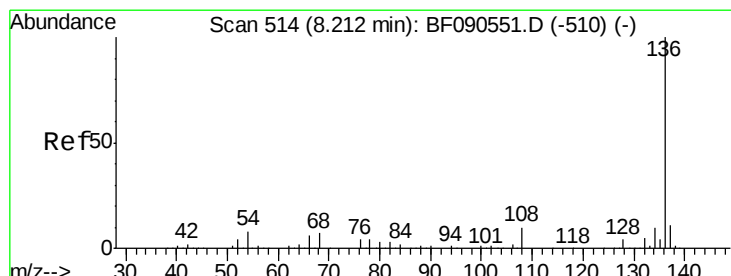
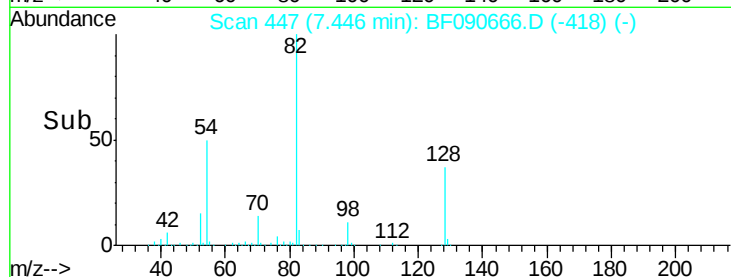
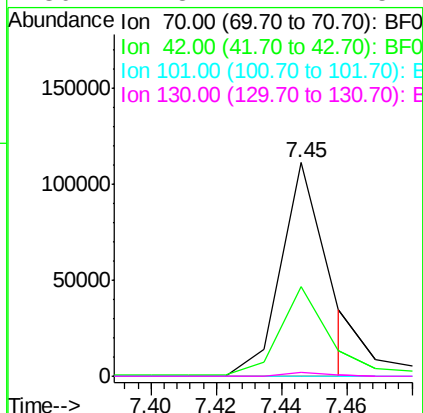
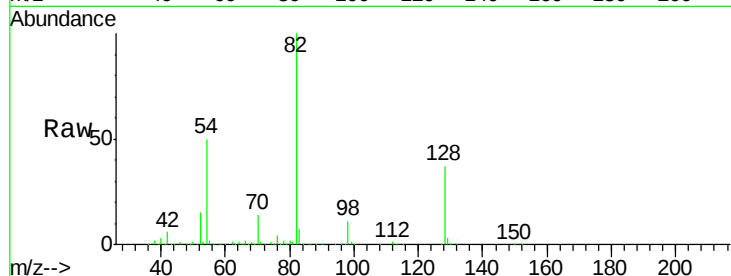




#19
n-Nitroso-di-n-propylamine
Concen: 9.36 ng
RT: 7.45 min Scan# 447
Delta R.T. 0.14 min
Lab File: BF090666.D
Acq: 19 Oct 2016 23:46

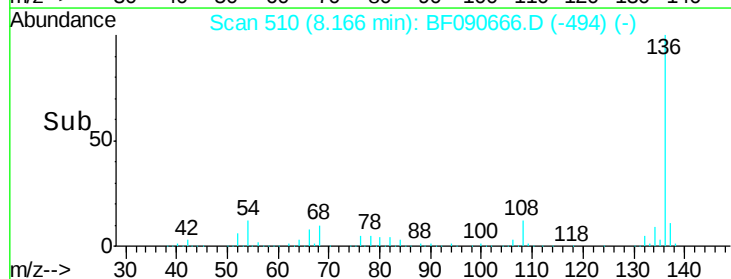
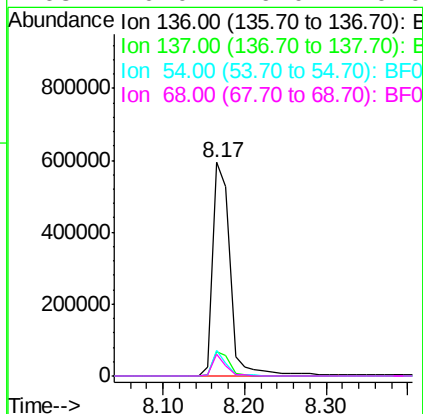
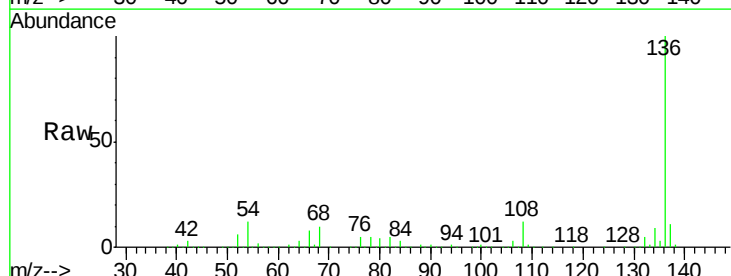
Instrument :
BNA_F
ClientSampleId :
PB94148BL

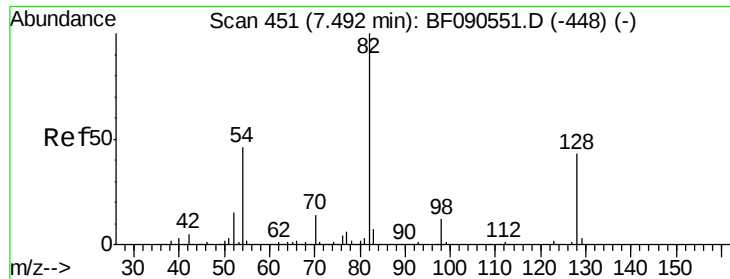
Tgt Ion: 70 Resp: 109649
Ion Ratio Lower Upper
70 100
42 42.2 43.4 65.0#
101 0.0 6.4 9.6#
130 1.8 12.1 18.1#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF090666.D
Acq: 19 Oct 2016 23:46

Tgt Ion: 136 Resp: 895777
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 12.1 6.8 10.2#
68 10.0 6.0 9.0#

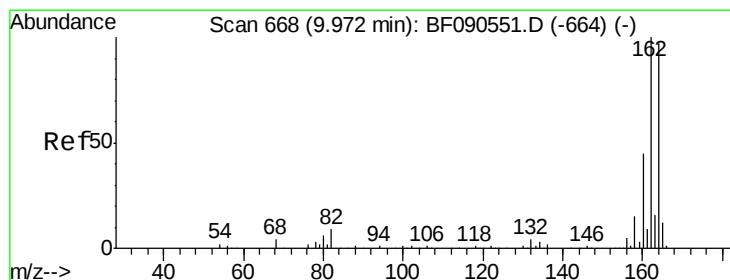
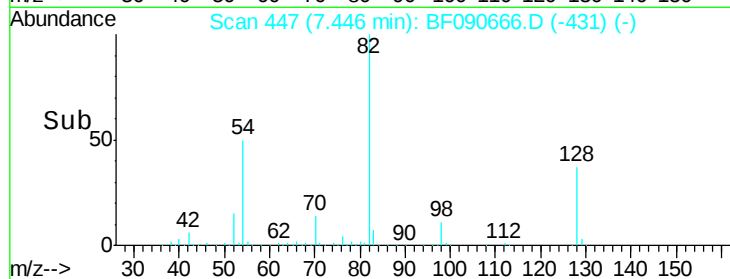
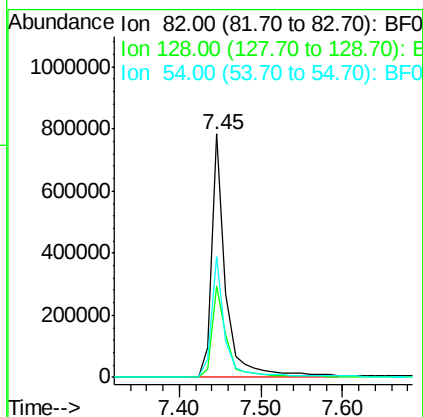
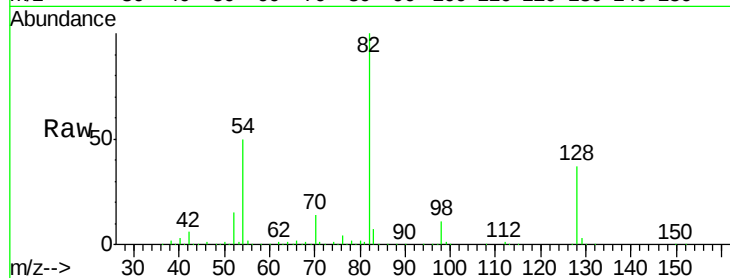




#23
 Nitrobenzene-d5
 Concen: 59.98 ng
 RT: 7.45 min Scan# 447
 Delta R.T. -0.01 min
 Lab File: BF090666.D
 Acq: 19 Oct 2016 23:46

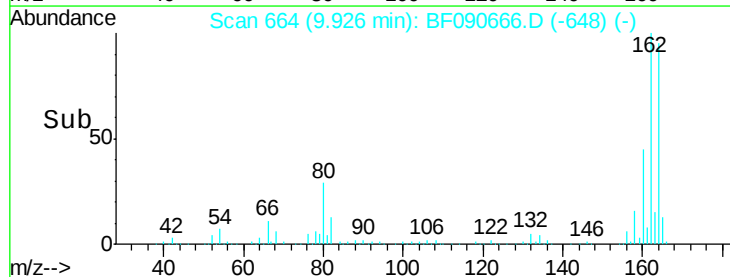
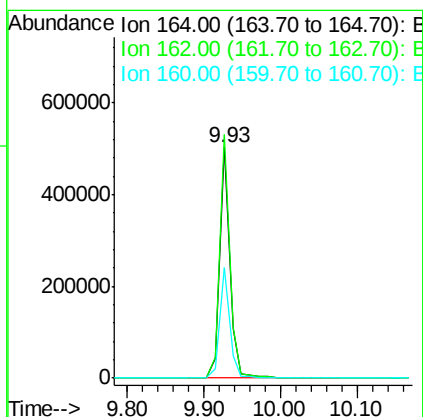
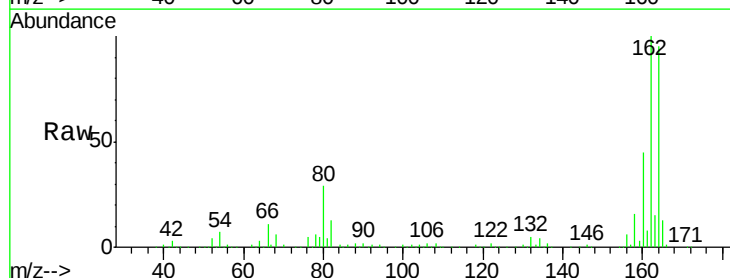
Instrument :
 BNA_F
 ClientSampleId :
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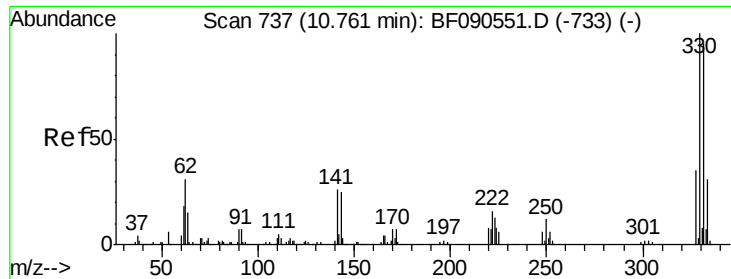
Tgt Ion: 82 Resp: 967240
 Ion Ratio Lower Upper
 82 100
 128 37.4 34.3 51.5
 54 49.8 37.0 55.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 664
 Delta R.T. -0.01 min
 Lab File: BF090666.D
 Acq: 19 Oct 2016 23:46

Tgt Ion: 164 Resp: 470345
 Ion Ratio Lower Upper
 164 100
 162 105.6 82.2 123.4
 160 47.7 36.6 55.0

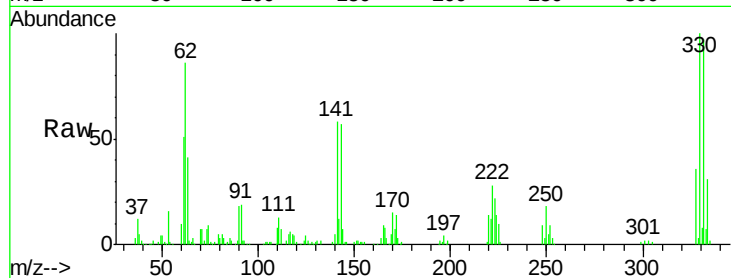




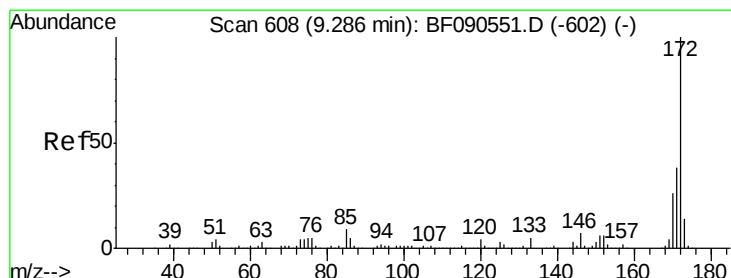
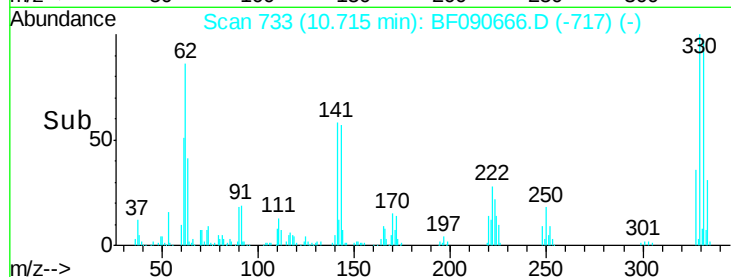
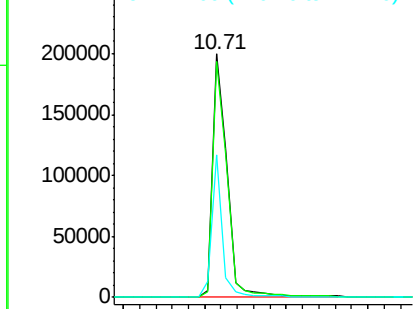
#41
 2,4,6-Tribromophenol
 Concen: 59.76 ng
 RT: 10.71 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF090666.D
 Acq: 19 Oct 2016 23:46

Instrument :
 BNA_F
 ClientSampleId :
 PB94148BL

Tgt Ion:330 Resp: 250611
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.2 114.2
 141 44.1 31.4 47.2

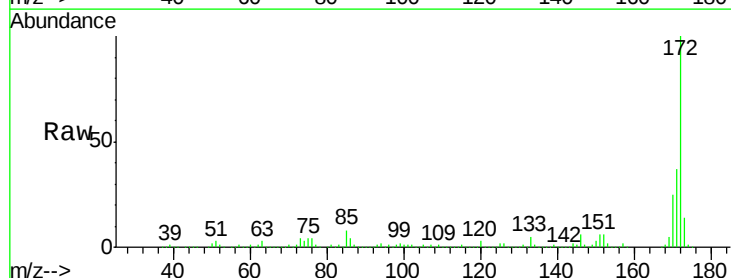


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

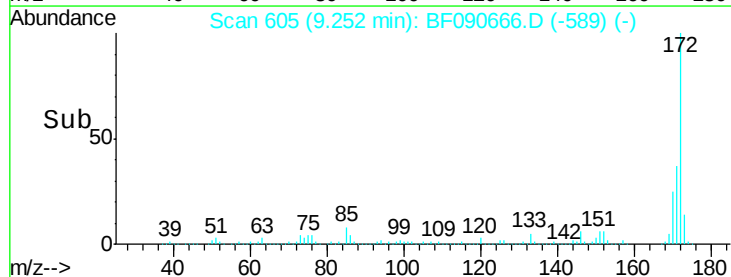
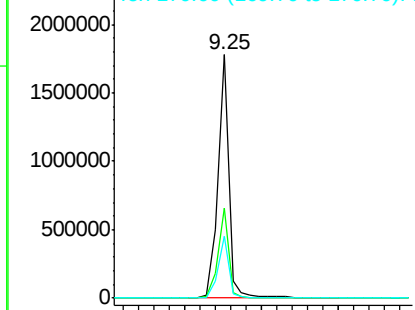


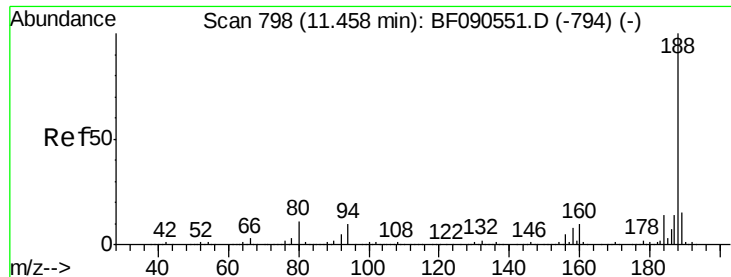
#44
 2-Fluorobiphenyl
 Concen: 61.88 ng
 RT: 9.25 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF090666.D
 Acq: 19 Oct 2016 23:46

Tgt Ion:172 Resp: 1766323
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.1 45.1
 170 25.2 20.6 30.8



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

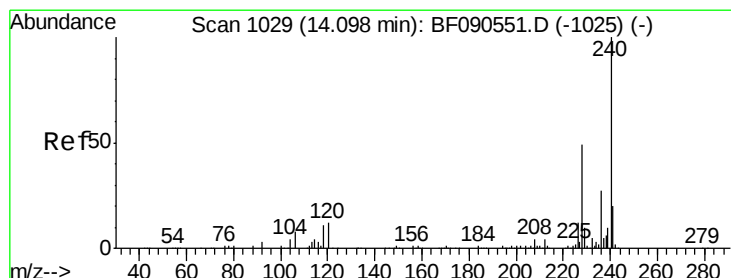
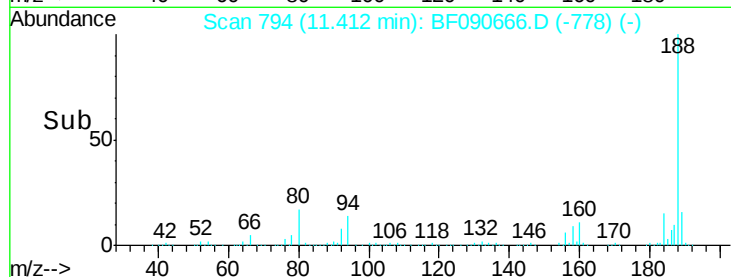
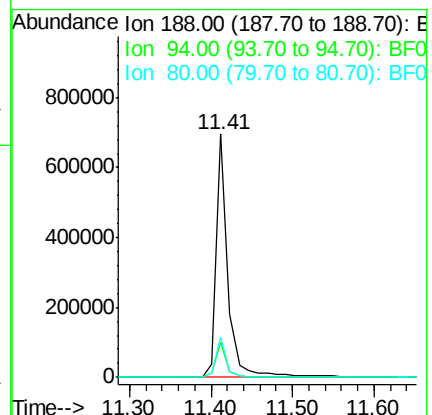
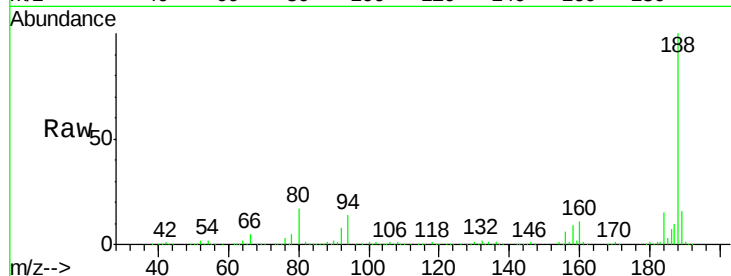




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF090666.D
Acq: 19 Oct 2016 23:46

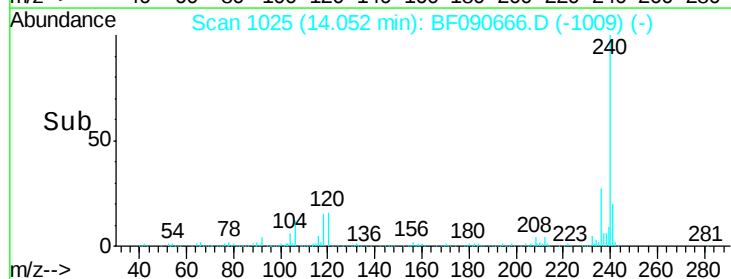
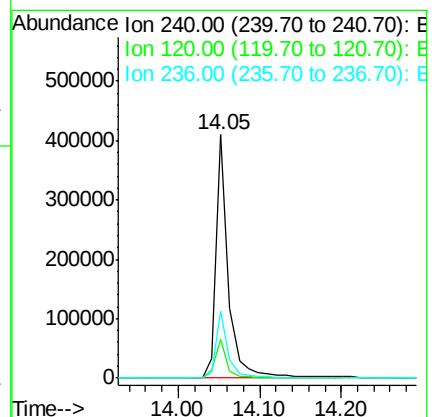
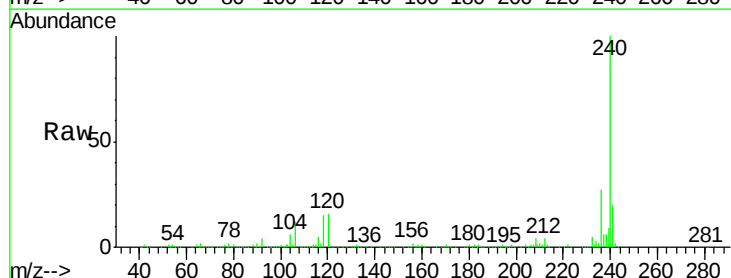
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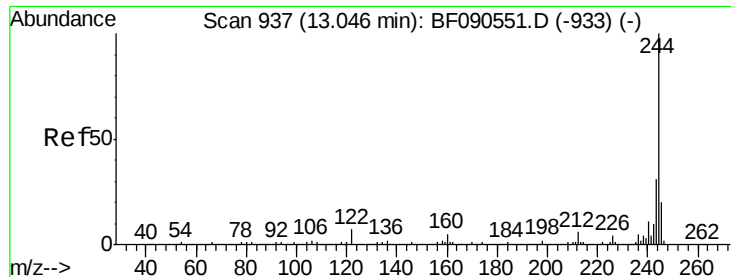
Tgt Ion:188 Resp: 713547
Ion Ratio Lower Upper
188 100
94 14.1 7.7 11.5#
80 16.5 8.6 12.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF090666.D
Acq: 19 Oct 2016 23:46

Tgt Ion:240 Resp: 445599
Ion Ratio Lower Upper
240 100
120 16.2 9.8 14.8#
236 27.5 21.7 32.5

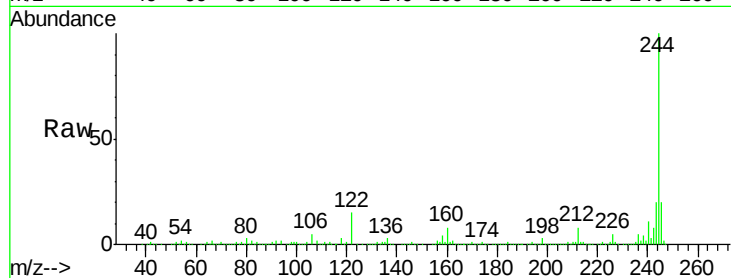




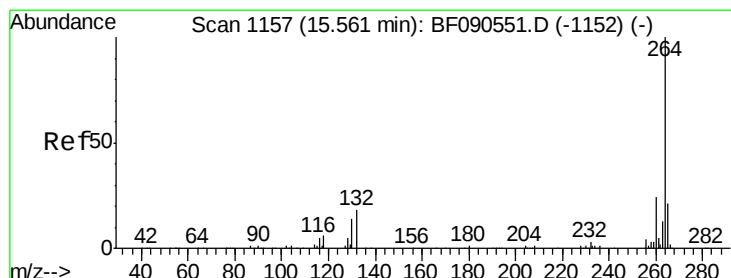
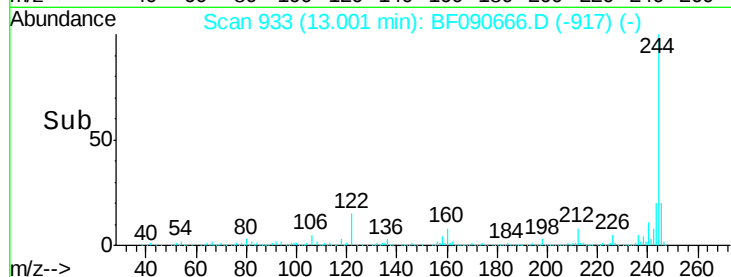
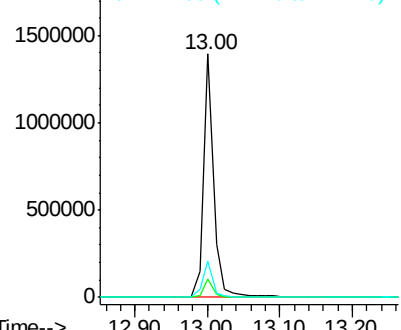
#78
 Terphenyl-d14
 Concen: 71.71 ng
 RT: 13.00 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF090666.D
 Acq: 19 Oct 2016 23:46

Instrument :
 BNA_F
 ClientSampleId :
 PB94148BL

Tgt Ion:244 Resp: 1372324
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.0 7.4#
 122 14.8 5.6 8.4#

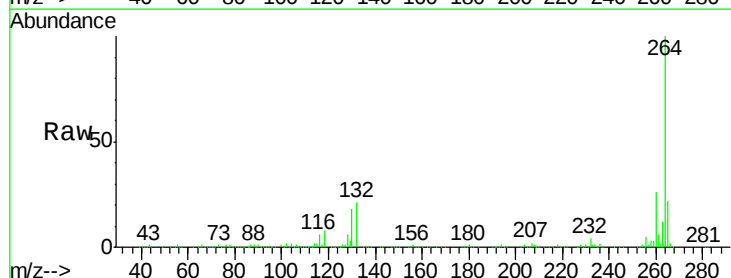


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF090666.D
 Acq: 19 Oct 2016 23:46

Tgt Ion:264 Resp: 411464
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.3 28.9
 265 21.6 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

