

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070916\
 Data File : BF088884.D
 Acq On : 9 Jul 2016 21:30
 Operator : UM/SJ
 Sample : H3813-17 25X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS005-0006-01

Quant Time: Jul 11 04:36:49 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

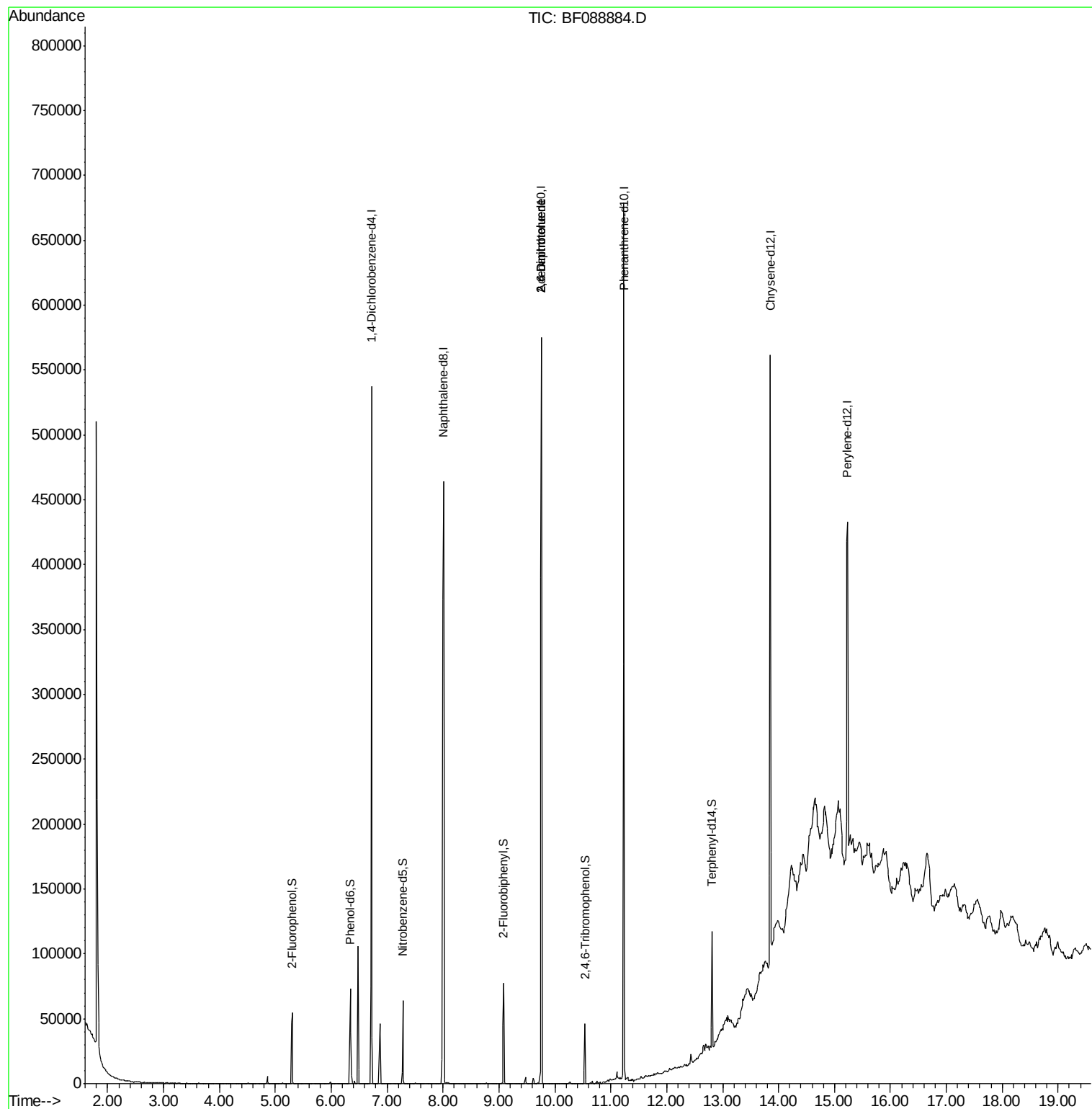
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	74257	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	299230	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	143067	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	278058	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	139366	20.00	ng	-0.02
86) Perylene-d12	15.23	264	137936	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	21742	4.39	ng	-0.02
7) Phenol-d6	6.34	99	29489	4.61	ng	-0.03
23) Nitrobenzene-d5	7.28	82	19319	3.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	6280	4.73	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	34278	3.78	ng	-0.01
78) Terphenyl-d14	12.81	244	25724	4.11	ng	-0.01
Target Compounds						
50) 2,6-Dinitrotoluene	9.76	165	17997	7.97	ng	# 39
56) 2,4-Dinitrotoluene	9.76	165	17997	6.09	ng	# 37

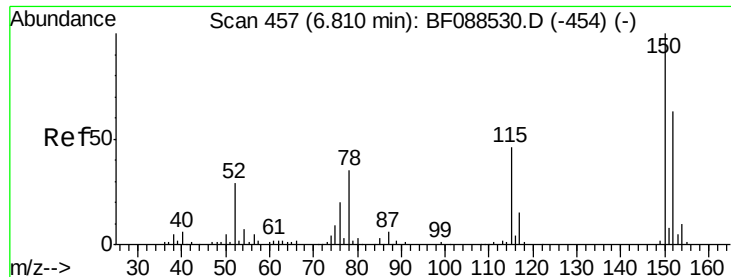
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF088884.D

Acq: 9 Jul 2016 21:30

Instrument :

BNA_F

ClientSampleId :

P001-SS005-0006-01

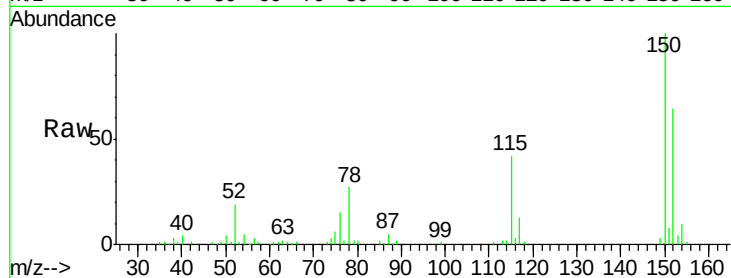
Tgt Ion:152 Resp: 74257

Ion Ratio Lower Upper

152 100

150 156.9 123.8 185.6

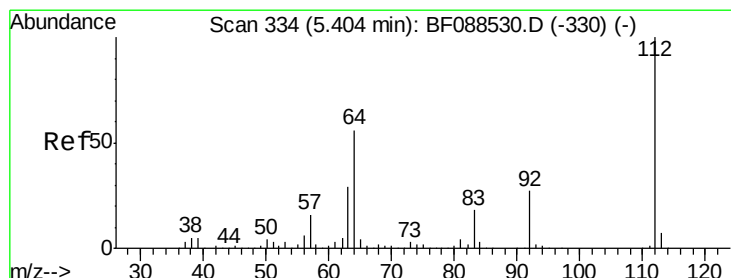
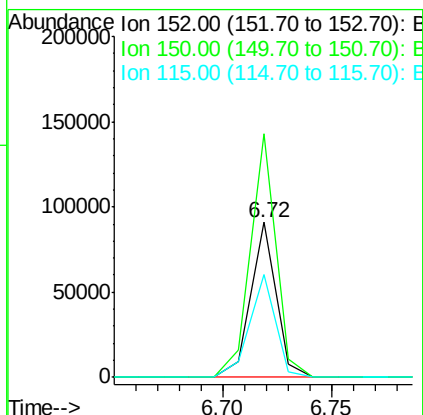
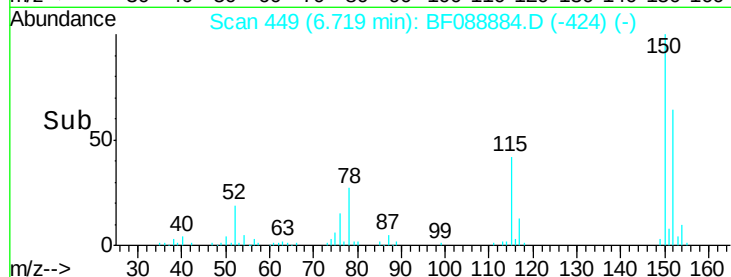
115 65.9 39.6 59.4#



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: 4.39 ng

RT: 5.30 min Scan# 325

Delta R.T. -0.02 min

Lab File: BF088884.D

Acq: 9 Jul 2016 21:30

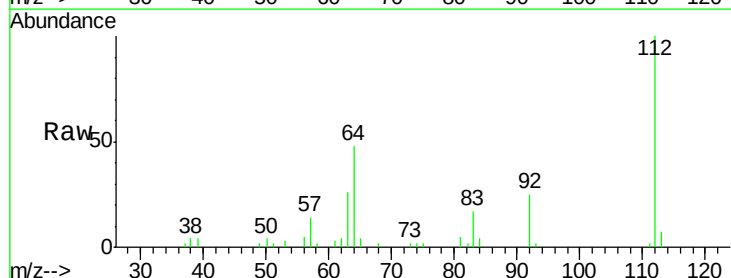
Tgt Ion:112 Resp: 21742

Ion Ratio Lower Upper

112 100

64 48.4 42.2 63.2

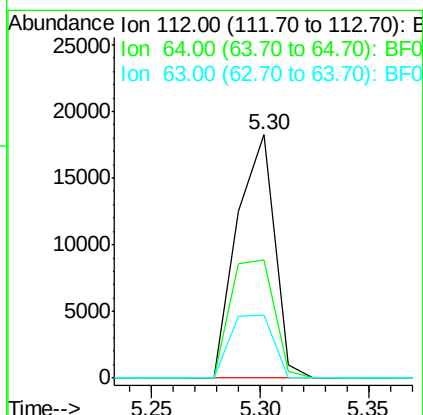
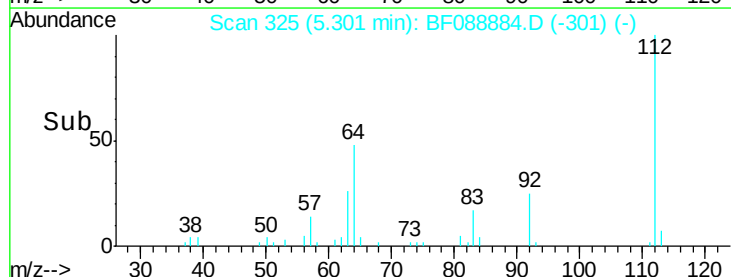
63 25.7 21.8 32.8

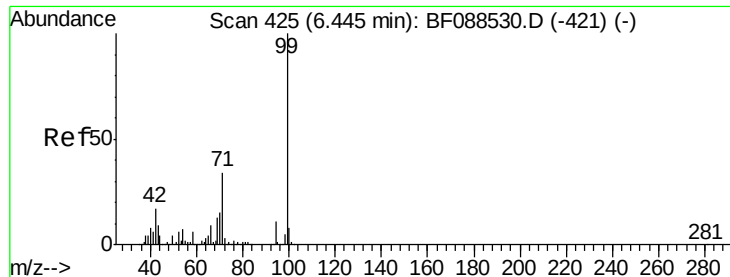


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 4.61 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.03 min

Lab File: BF088884.D

Acq: 9 Jul 2016 21:30

Instrument :

BNA_F

ClientSampleId :

P001-SS005-0006-01

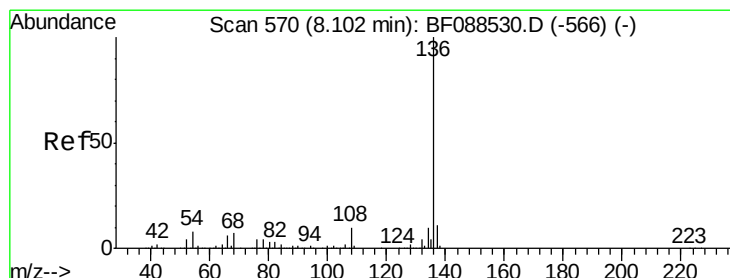
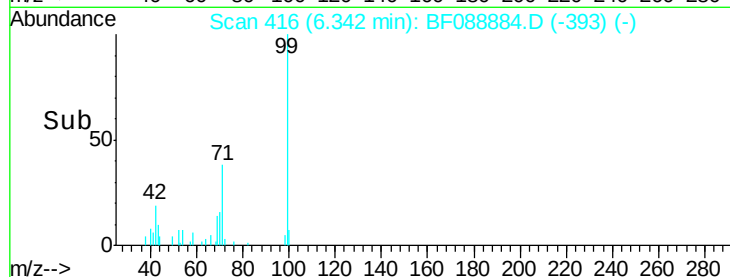
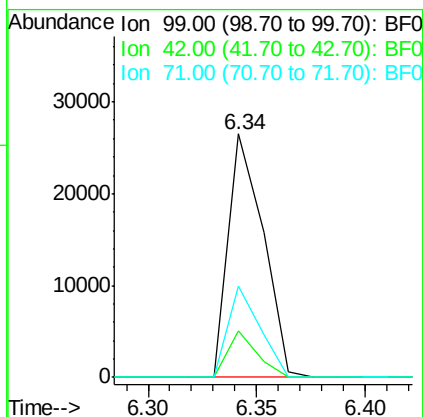
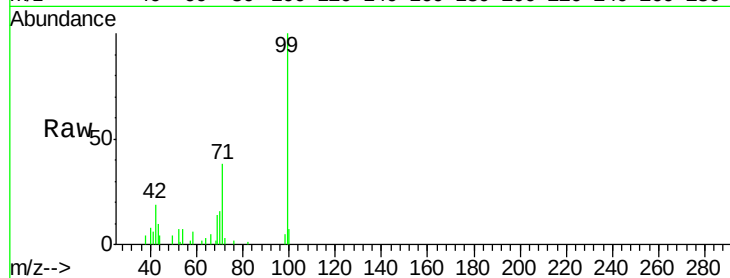
Tgt Ion: 99 Resp: 29489

Ion Ratio Lower Upper

99 100

42 19.1 12.2 18.2#

71 37.7 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF088884.D

Acq: 9 Jul 2016 21:30

Tgt Ion: 136 Resp: 299230

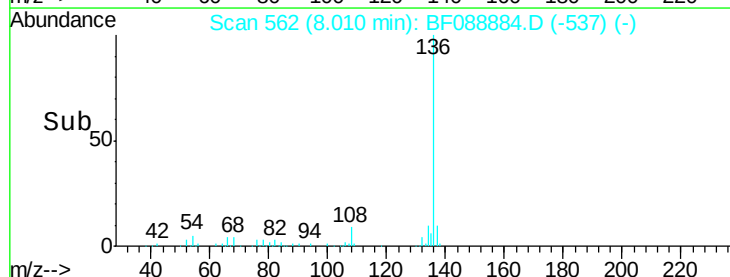
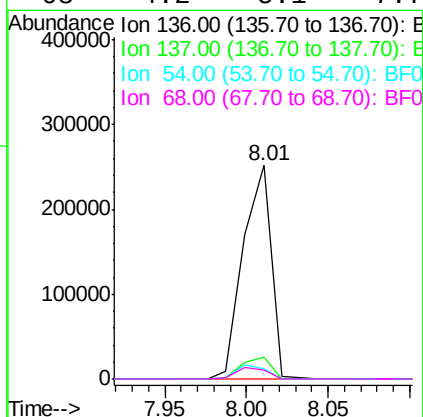
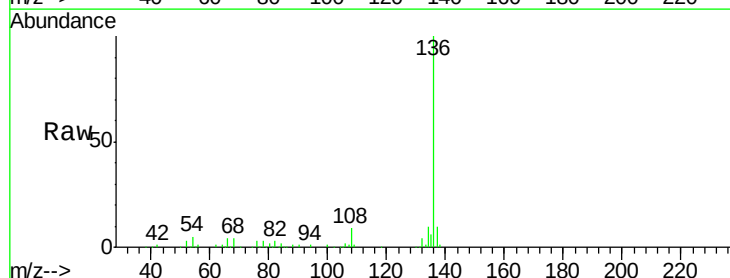
Ion Ratio Lower Upper

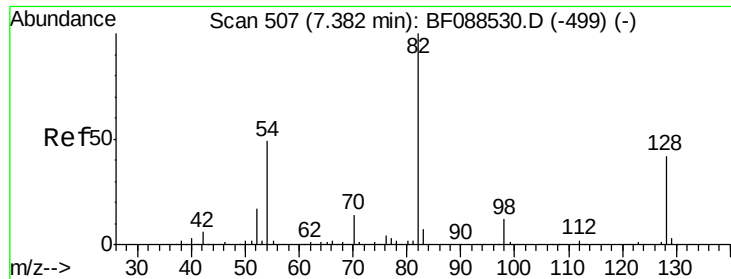
136 100

137 10.3 9.1 13.7

54 4.7 6.6 10.0#

68 4.2 5.1 7.7#

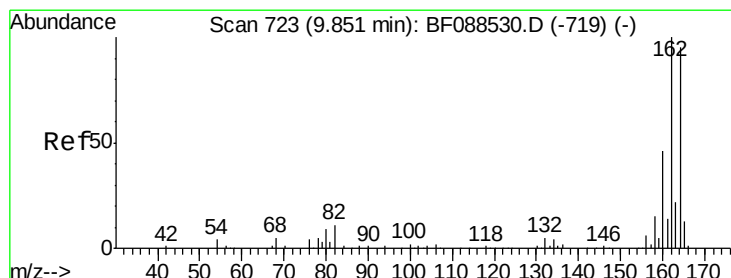
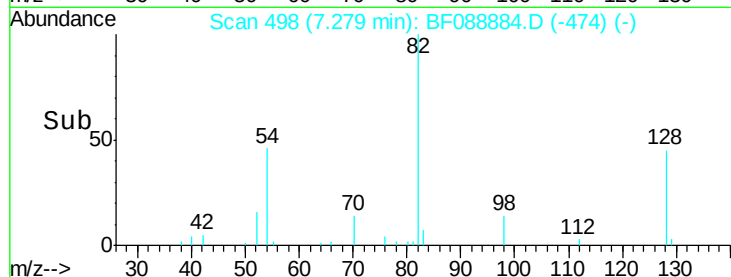
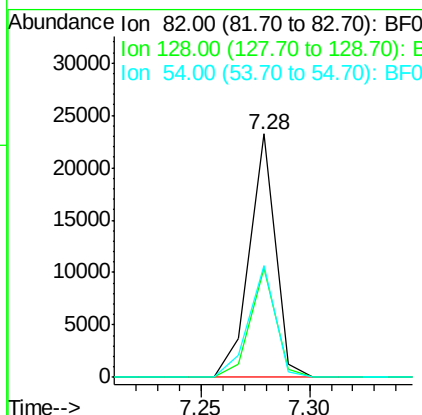
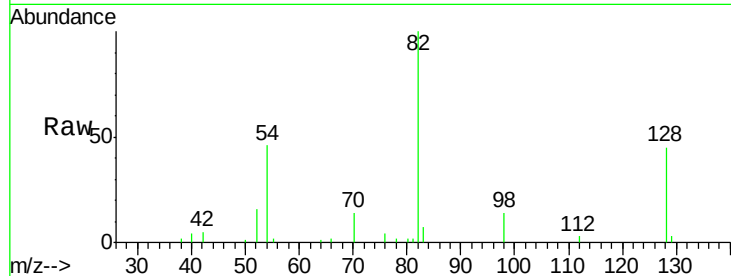




#23
 Nitrobenzene-d5
 Concen: 3.38 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.02 min
 Lab File: BF088884.D
 Acq: 9 Jul 2016 21:30

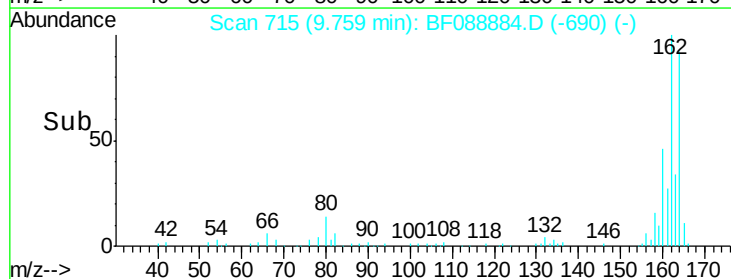
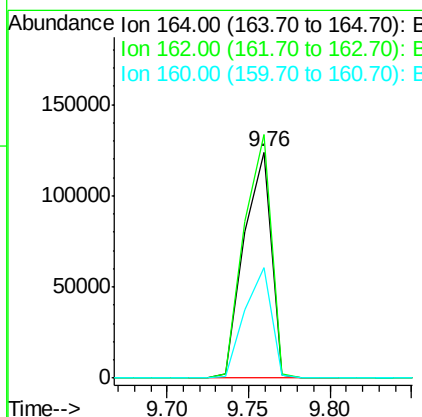
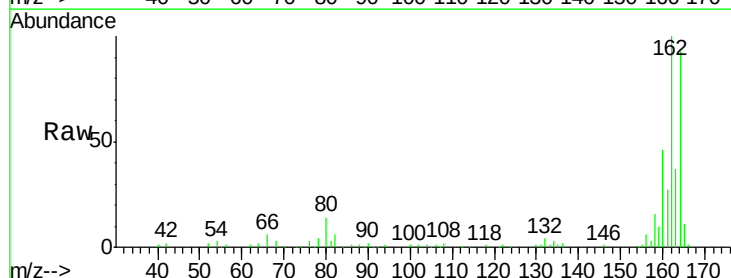
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS005-0006-01

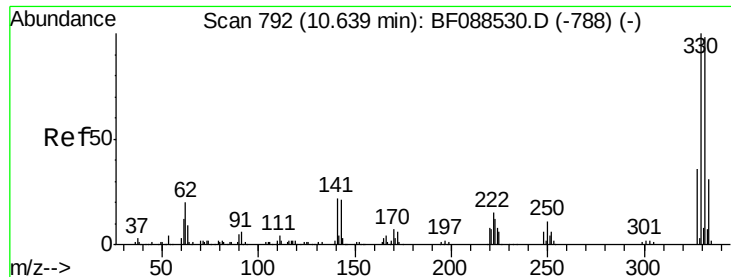
Tgt Ion: 82 Resp: 19319
 Ion Ratio Lower Upper
 82 100
 128 44.9 35.9 53.9
 54 45.7 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BF088884.D
 Acq: 9 Jul 2016 21:30

Tgt Ion: 164 Resp: 143067
 Ion Ratio Lower Upper
 164 100
 162 107.9 85.4 128.2
 160 49.2 39.5 59.3

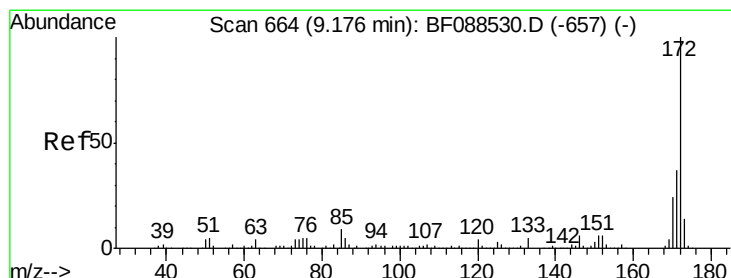
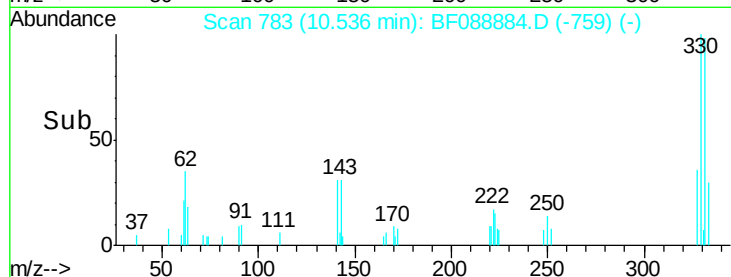
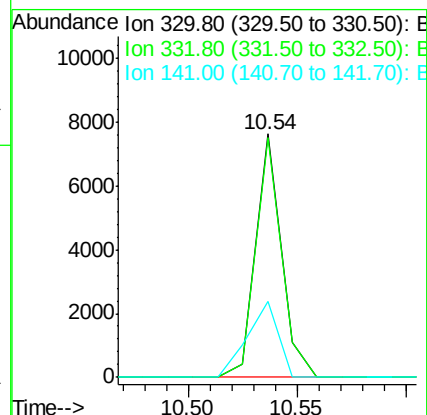
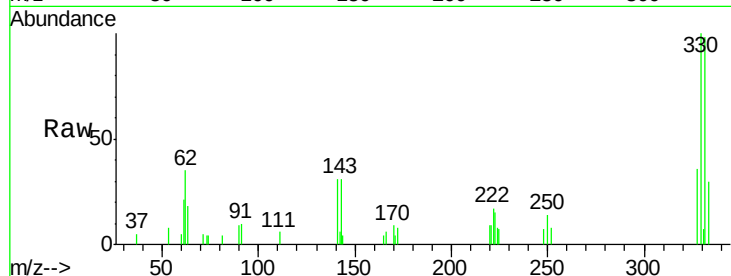




#41
 2,4,6-Tribromophenol
 Concen: 4.73 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF088884.D
 Acq: 9 Jul 2016 21:30

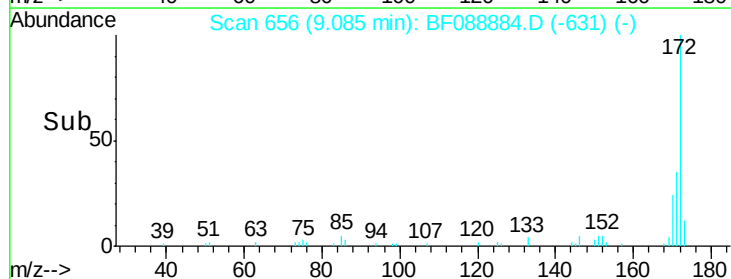
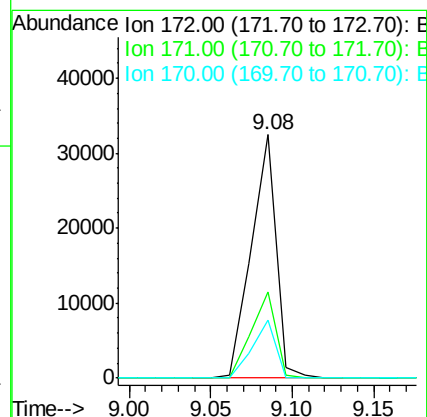
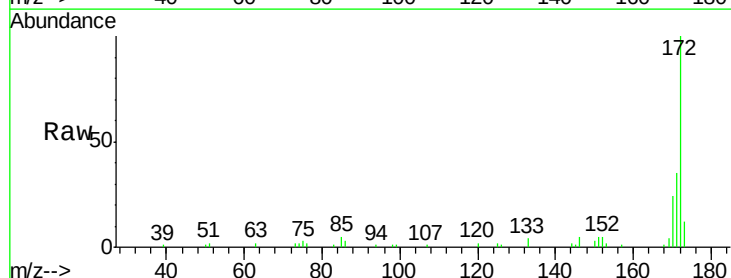
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS005-0006-01

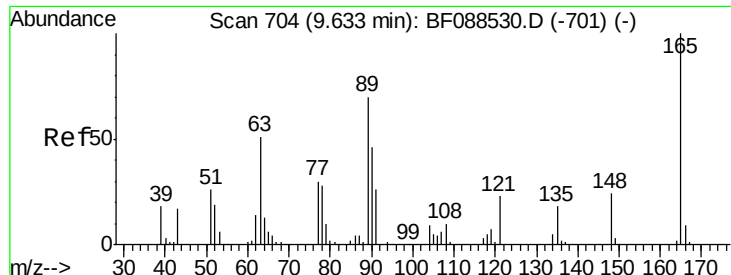
Tgt Ion: 330 Resp: 6280
 Ion Ratio Lower Upper
 330 100
 332 98.5 0.0 0.0#
 141 37.0 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 3.78 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF088884.D
 Acq: 9 Jul 2016 21:30

Tgt Ion: 172 Resp: 34278
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 43.0
 170 23.8 19.2 28.8

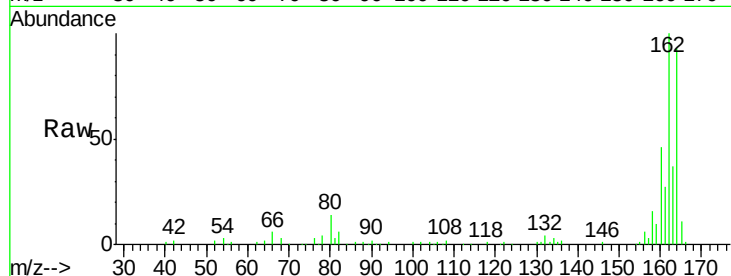




#50
 2,6-Dinitrotoluene
 Concen: 7.97 ng
 RT: 9.76 min Scan# 715
 Delta R.T. 0.19 min
 Lab File: BF088884.D
 Acq: 9 Jul 2016 21:30

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS005-0006-01

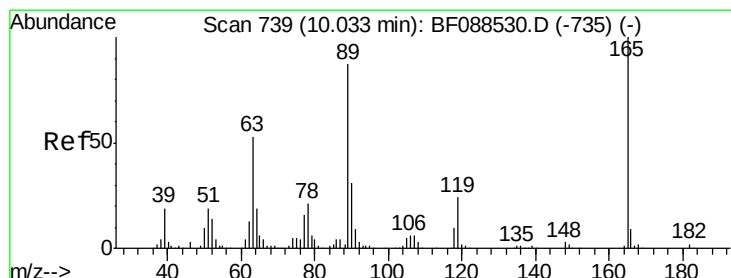
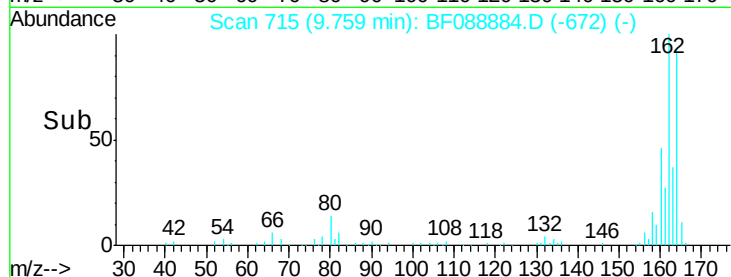
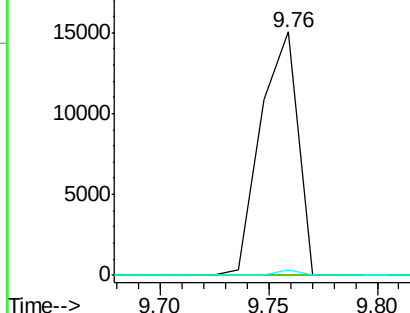
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	2.1	32.2	48.2#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.09 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.19 min
 Lab File: BF088884.D
 Acq: 9 Jul 2016 21:30

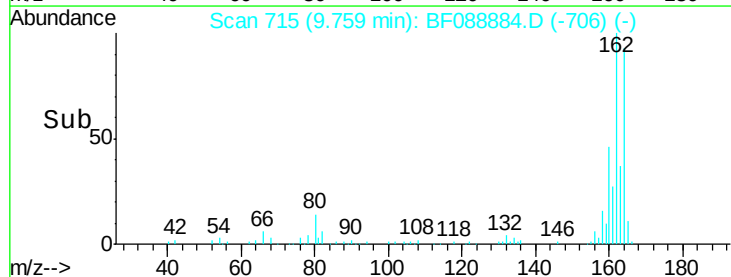
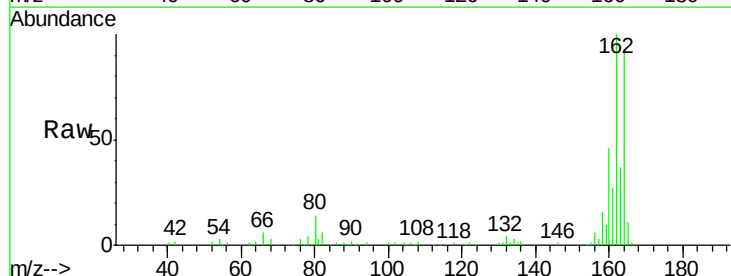
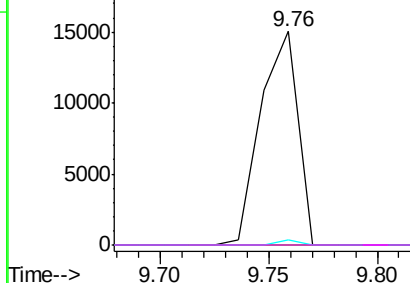
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	2.1	41.1	61.7#
182	0.0	2.0	3.0#

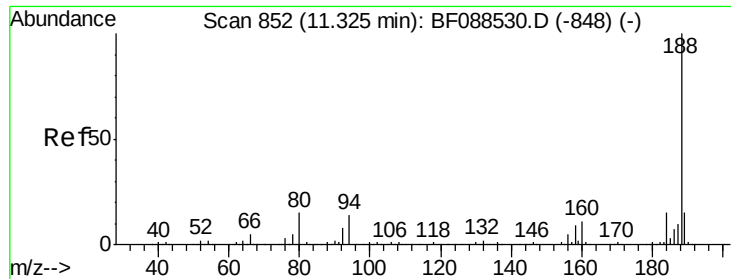
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

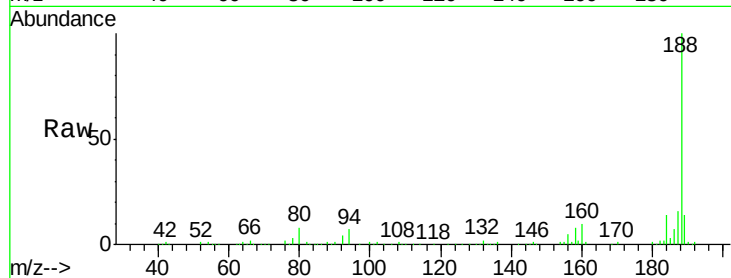




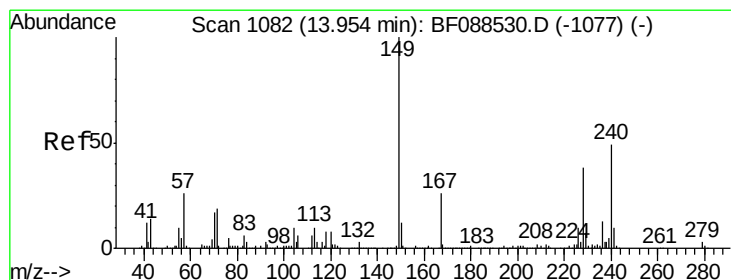
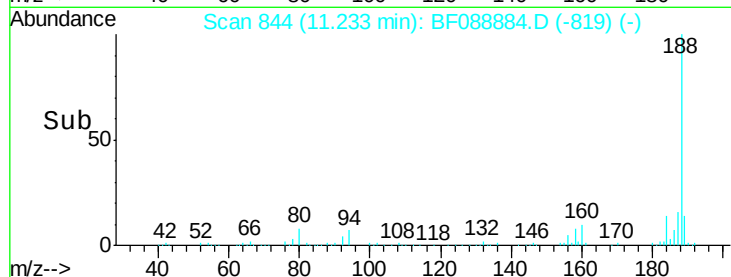
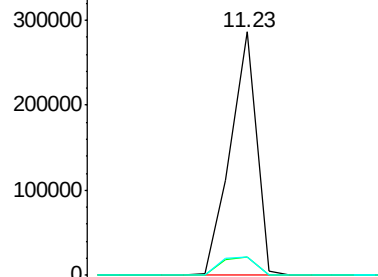
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088884.D
Acq: 9 Jul 2016 21:30

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0006-01

Tgt Ion:188 Resp: 278058
Ion Ratio Lower Upper
188 100
94 7.3 9.0 13.6#
80 7.6 10.0 15.0#

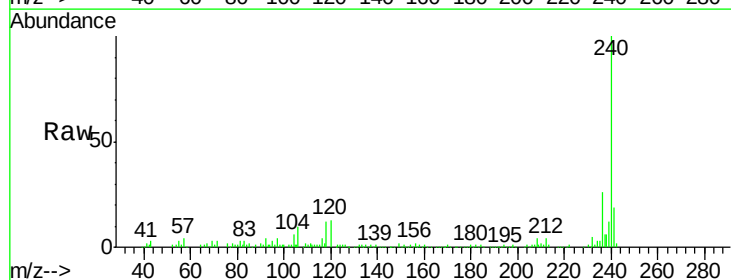


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

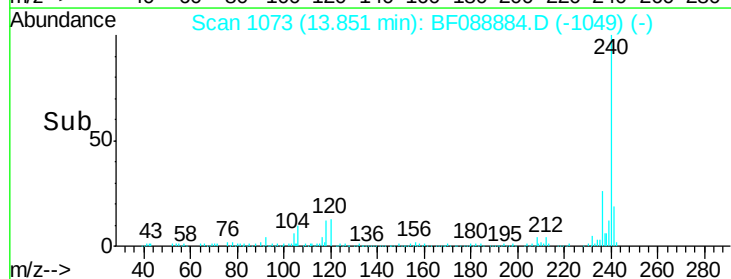
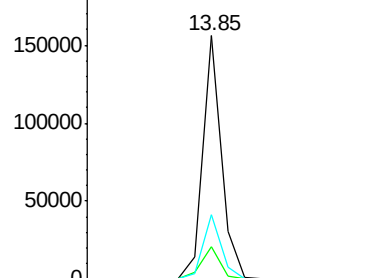


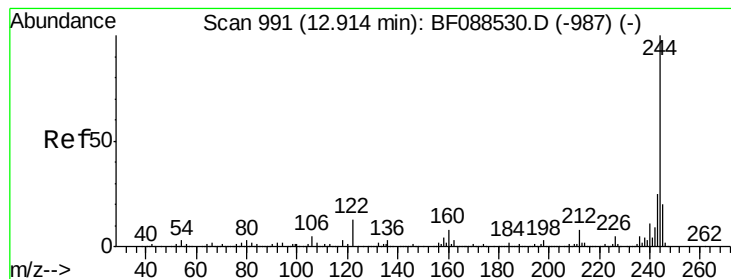
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BF088884.D
Acq: 9 Jul 2016 21:30

Tgt Ion:240 Resp: 139366
Ion Ratio Lower Upper
240 100
120 13.3 6.8 10.2#
236 26.2 20.2 30.2



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: 4.11 ng

RT: 12.81 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF088884.D

Acq: 9 Jul 2016 21:30

Instrument :

BNA_F

ClientSampleId :

P001-SS005-0006-01

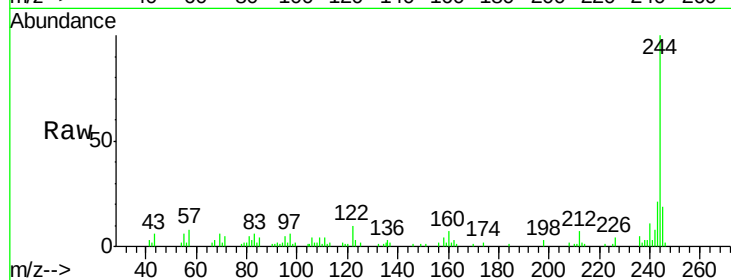
Tgt Ion:244 Resp: 25724

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

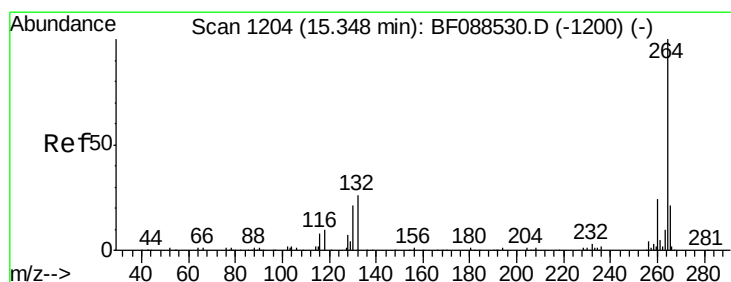
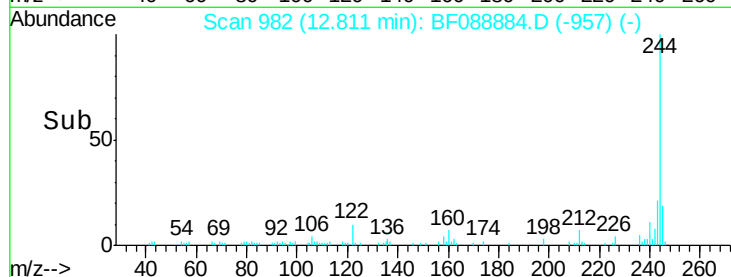
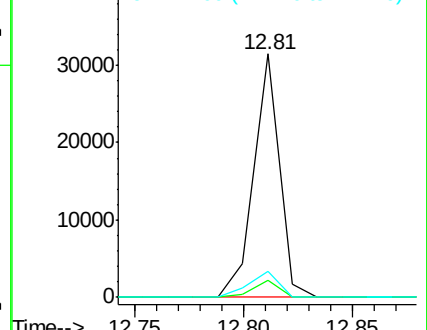
122 10.5 11.2 16.8#



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: 15.23 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF088884.D

Acq: 9 Jul 2016 21:30

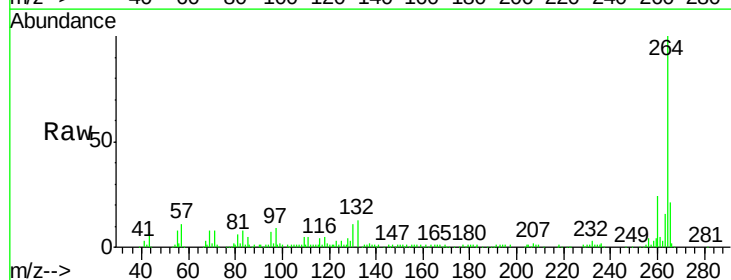
Tgt Ion:264 Resp: 137936

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.3 16.9 25.3



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

