

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070816\
 Data File : BF088840.D
 Acq On : 8 Jul 2016 22:50
 Operator : UM/SJ
 Sample : H3813-10 50X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 08 23:24:03 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

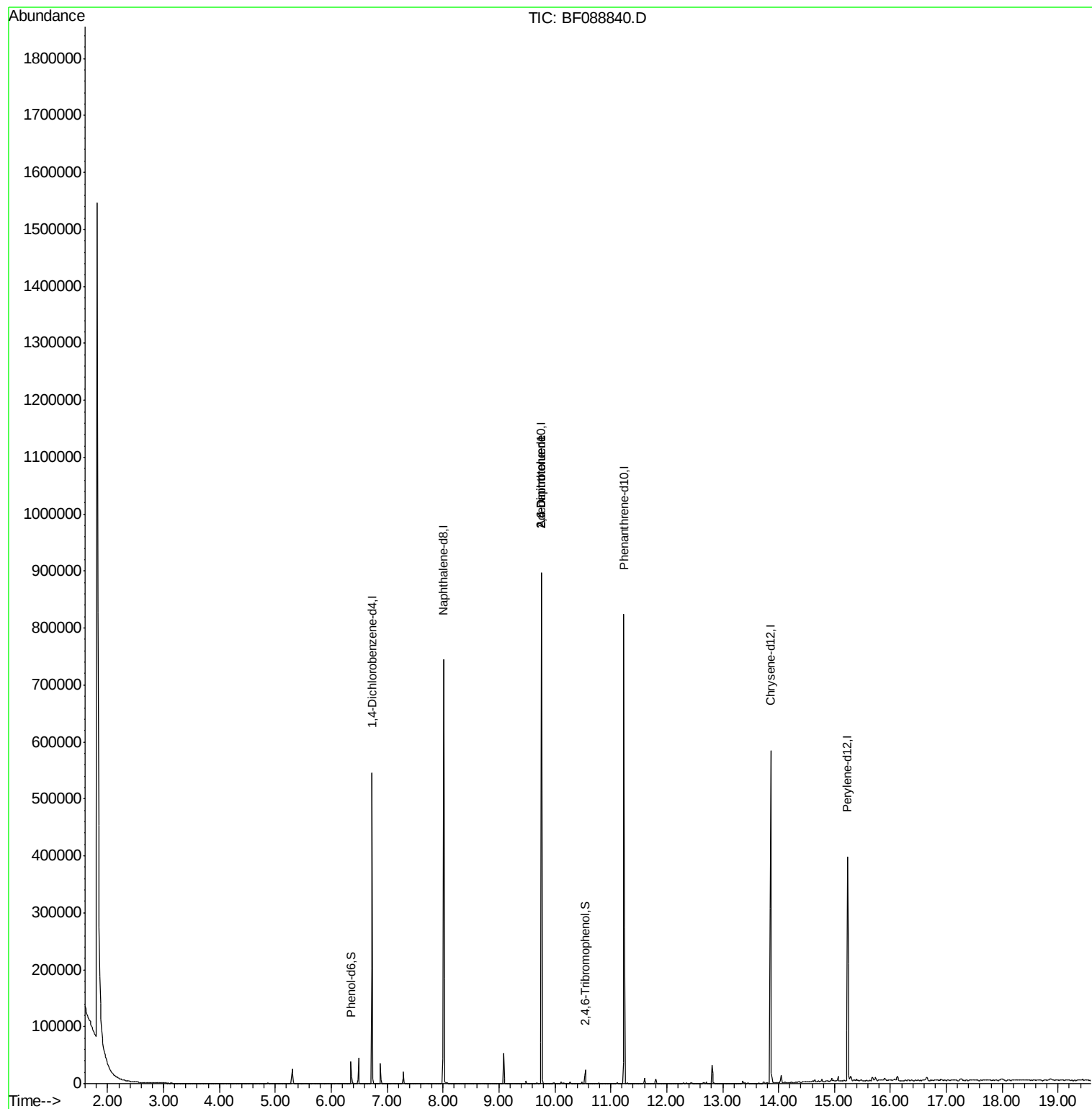
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	88002	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	332715	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	163512	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	307064	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	229101	20.00	ng	-0.01
86) Perylene-d12	15.23	264	178550	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	10629	1.81	ng	-0.02
7) Phenol-d6	6.35	99	15488	2.04	ng	-0.02
23) Nitrobenzene-d5	7.29	82	8936	1.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	3081	2.03	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	17644	1.70	ng	-0.01
78) Terphenyl-d14	12.81	244	13756	1.34	ng	-0.01
Target Compounds						
50) 2,6-Dinitrotoluene	9.76	165	21039	8.15	ng	# 40
56) 2,4-Dinitrotoluene	9.76	165	21039	6.23	ng	# 38

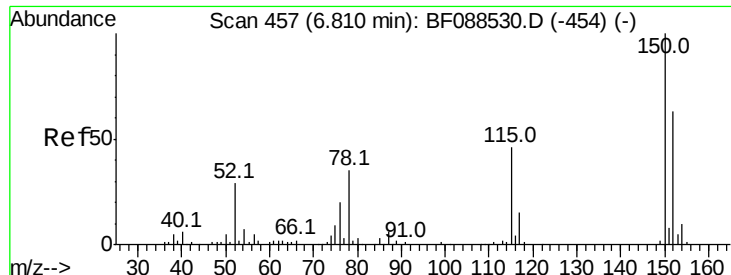
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 08 23:24:03 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
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QLast Update : Fri Jul 08 18:51:20 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF088840.D

Acq: 8 Jul 2016 22:50

Instrument :

BNA_F

ClientSampleId :

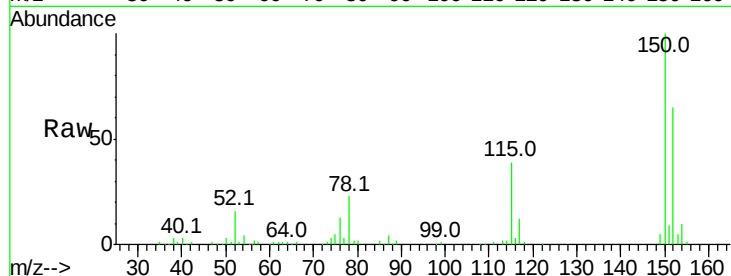
Tot Ion:152 Resp: 88002

Ion Ratio Lower Upper

152 100

150 153.8 123.8 185.6

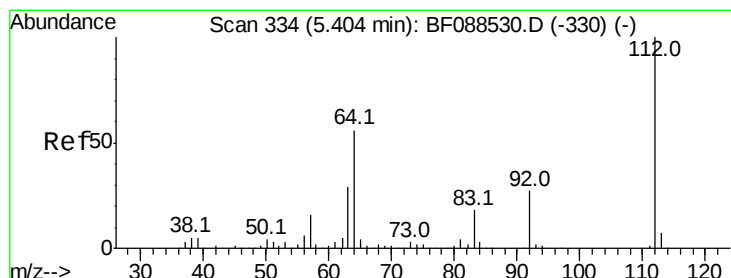
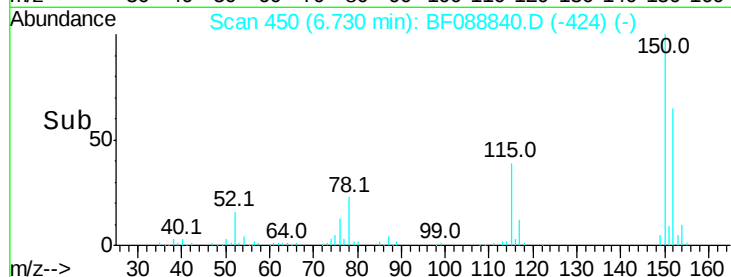
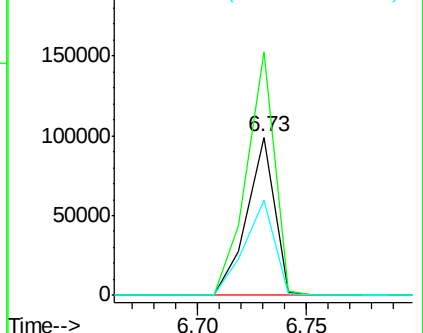
115 60.1 39.6 59.4#



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: 1.81 ng

RT: 5.30 min Scan# 325

Delta R.T. -0.02 min

Lab File: BF088840.D

Acq: 8 Jul 2016 22:50

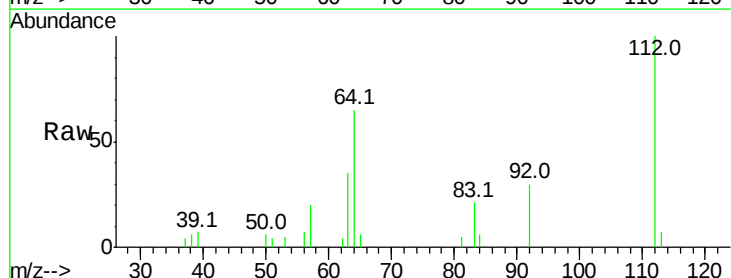
Tgt Ion:112 Resp: 10629

Ion Ratio Lower Upper

112 100

64 65.4 42.2 63.2#

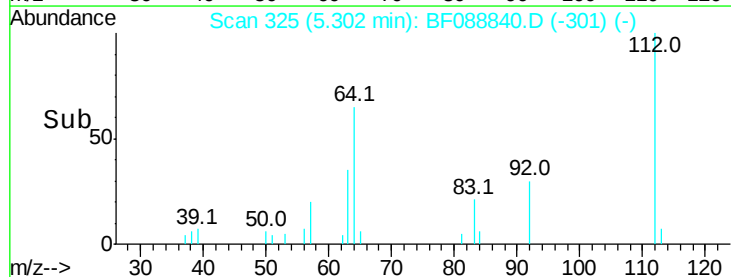
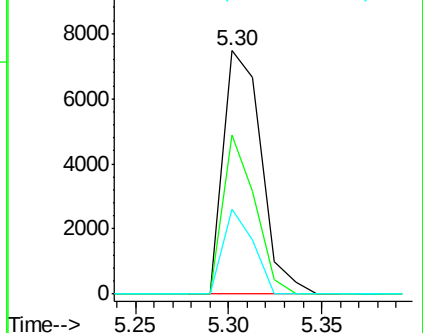
63 35.1 21.8 32.8#

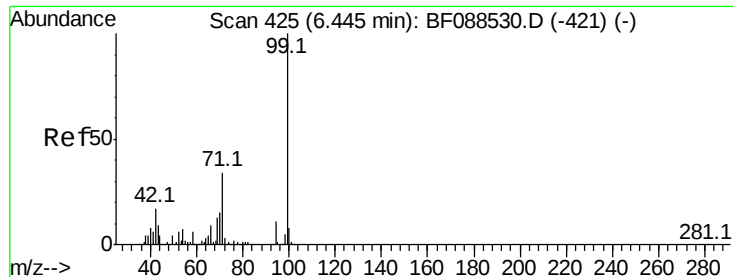


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 2.04 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF088840.D

Acq: 8 Jul 2016 22:50

Instrument :

BNA_F

ClientSampleId :

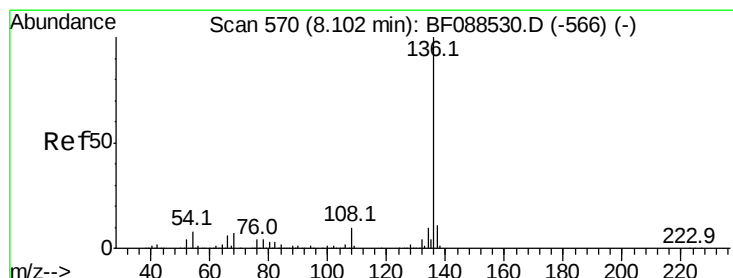
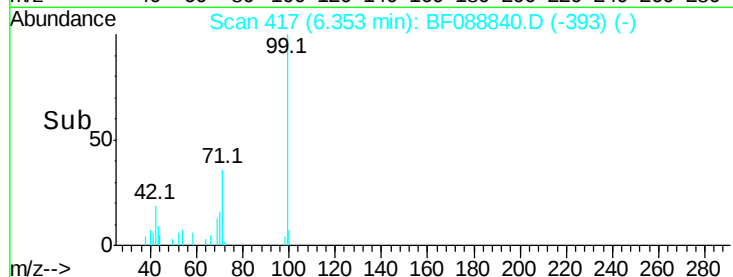
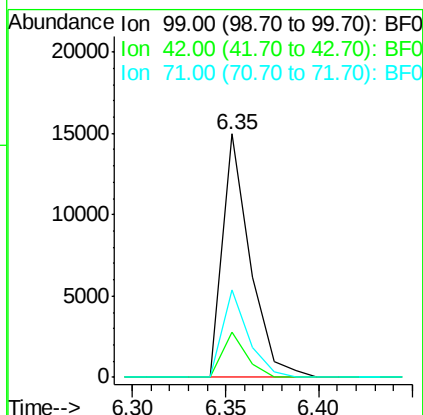
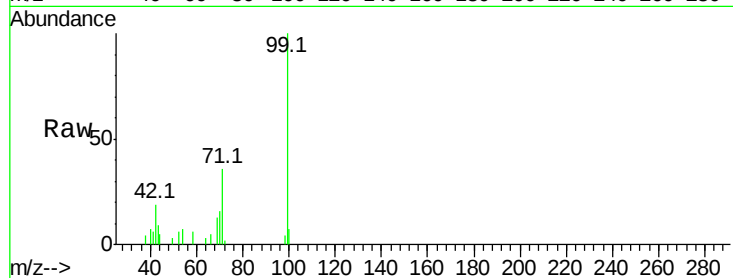
Tot Ion: 99 Resp: 15488

Ion Ratio Lower Upper

99 100

42 18.5 12.2 18.2#

71 36.0 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: BF088840.D

Acq: 8 Jul 2016 22:50

Tgt Ion: 136 Resp: 332715

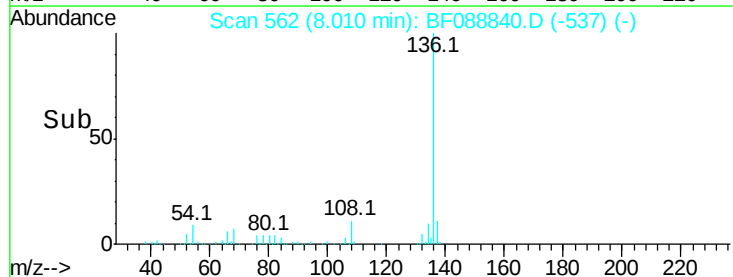
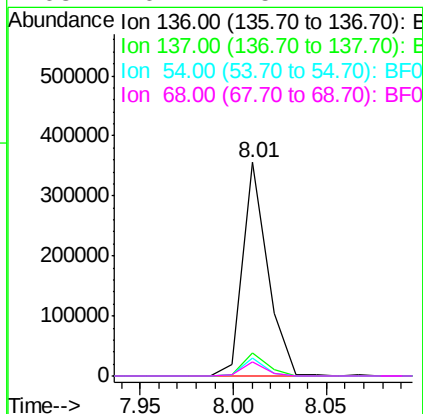
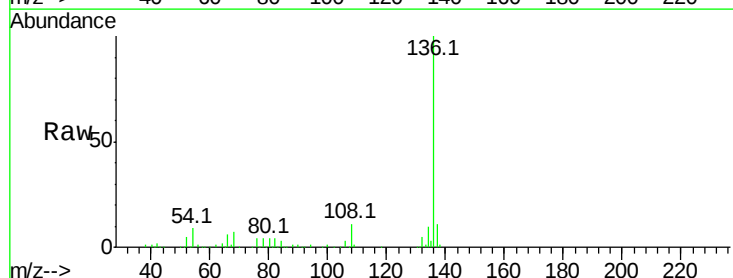
Ion Ratio Lower Upper

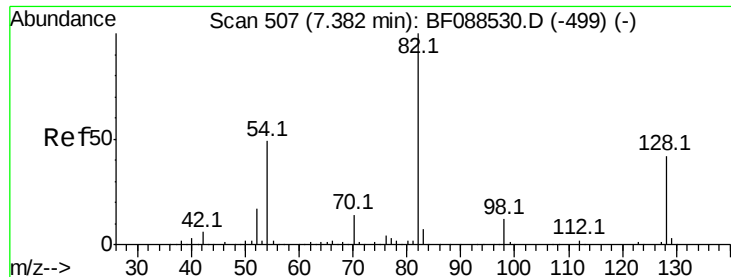
136 100

137 11.1 9.1 13.7

54 8.6 6.6 10.0

68 6.7 5.1 7.7

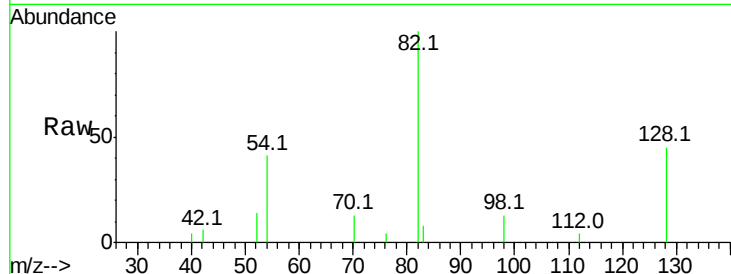




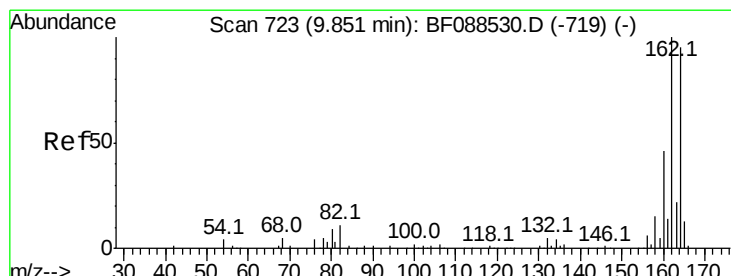
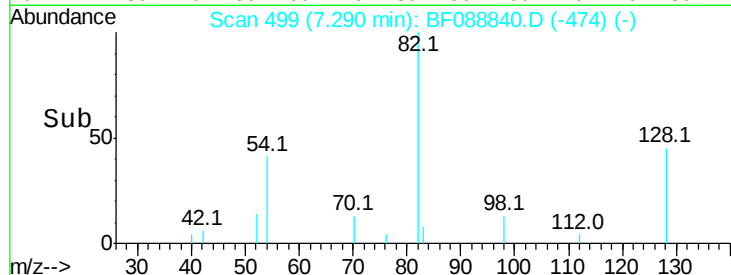
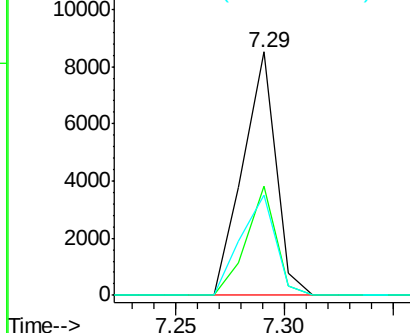
#23
Nitrobenzene-d5
Concen: 1.41 ng
RT: 7.29 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF088840.D
Acq: 8 Jul 2016 22:50

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.9	53.9
54	41.0	40.9	61.3

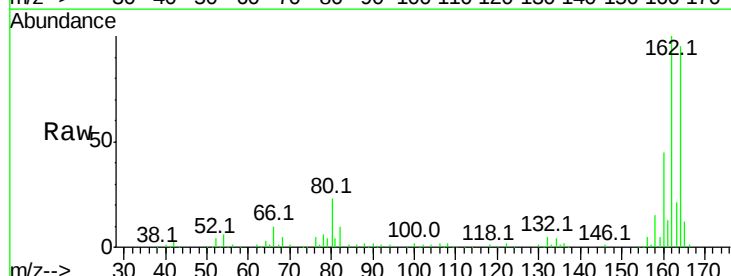


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

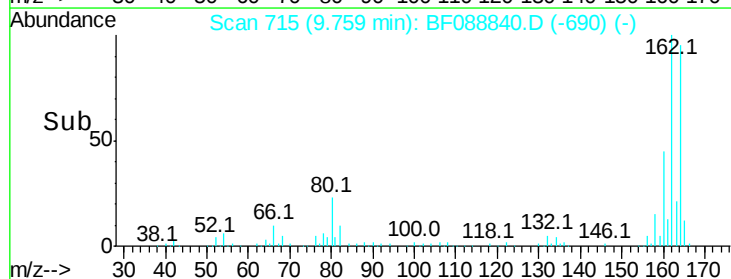
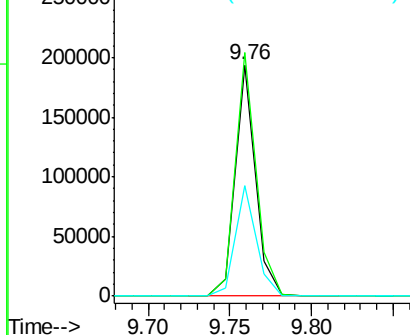


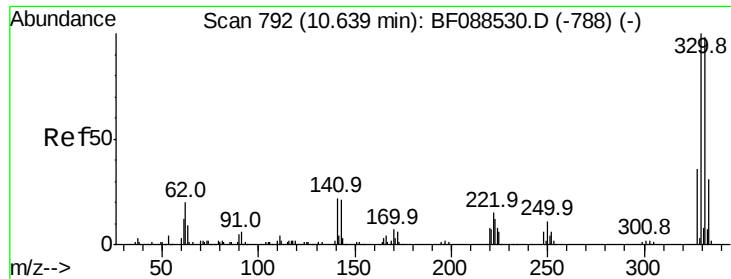
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF088840.D
Acq: 8 Jul 2016 22:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	85.4	128.2
160	47.7	39.5	59.3



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

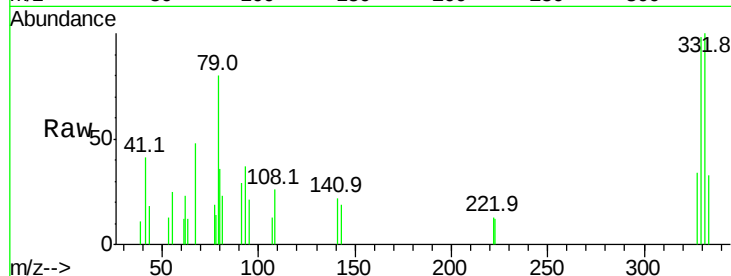




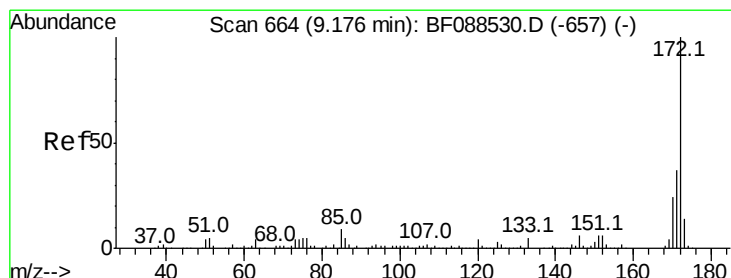
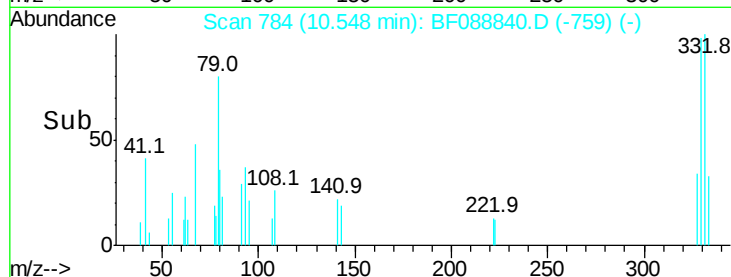
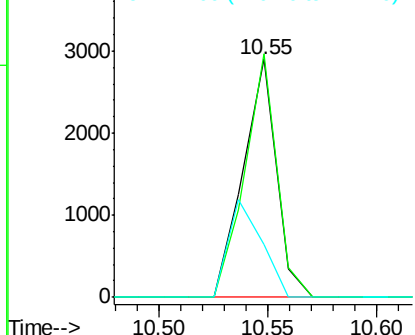
#41
 2,4,6-Tribromophenol
 Concen: 2.03 ng
 RT: 10.55 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF088840.D
 Acq: 8 Jul 2016 22:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 3081
 Ion Ratio Lower Upper
 330 100
 332 97.9 0.0 0.0#
 141 40.8 0.0 0.0#

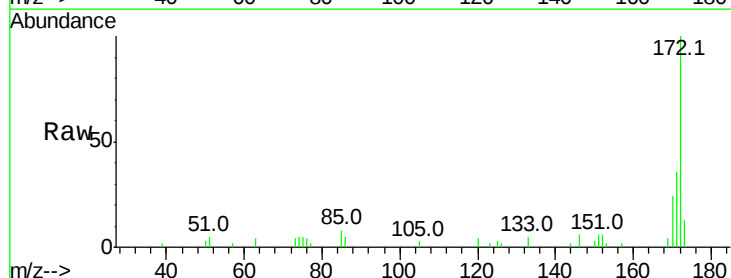


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

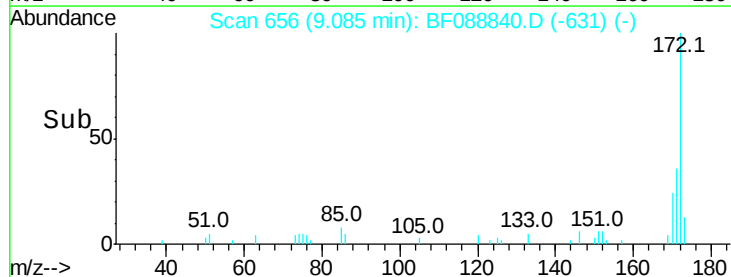
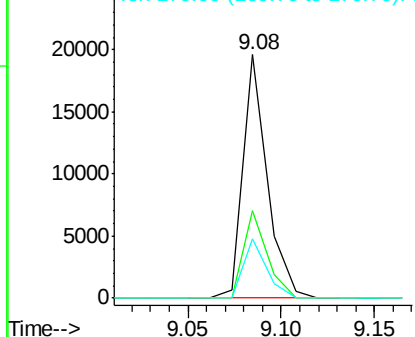


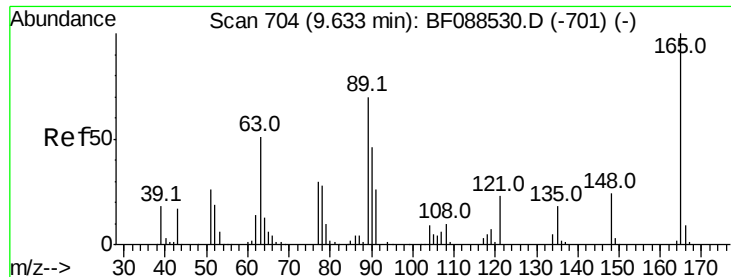
#44
 2-Fluorobiphenyl
 Concen: 1.70 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF088840.D
 Acq: 8 Jul 2016 22:50

Tgt Ion:172 Resp: 17644
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 24.3 19.2 28.8



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

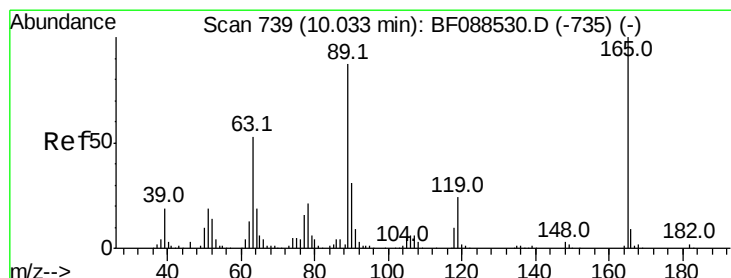
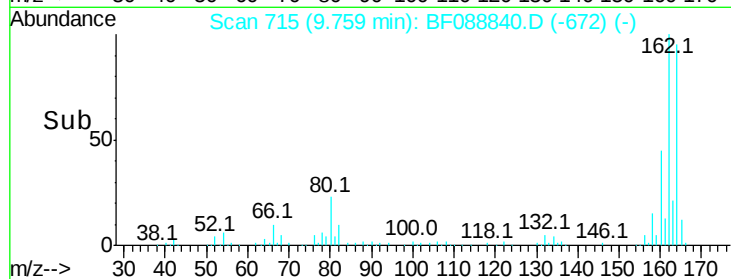
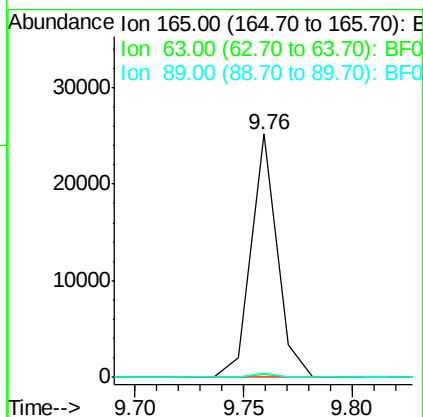
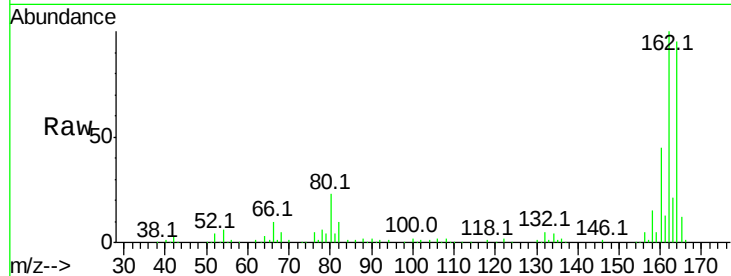




#50
 2,6-Dinitrotoluene
 Concen: 8.15 ng
 RT: 9.76 min Scan# 715
 Delta R.T. 0.19 min
 Lab File: BF088840.D
 Acq: 8 Jul 2016 22:50

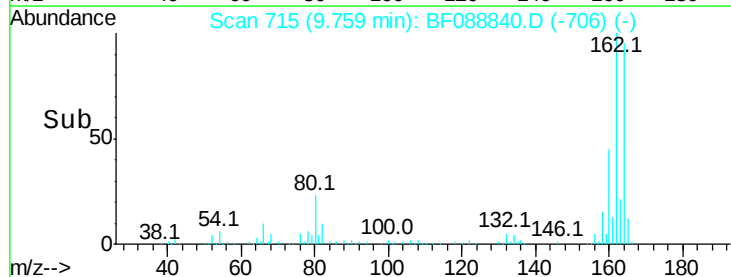
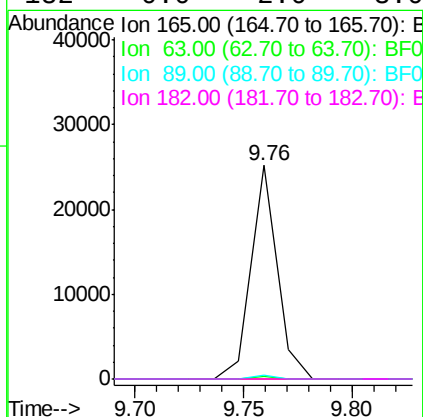
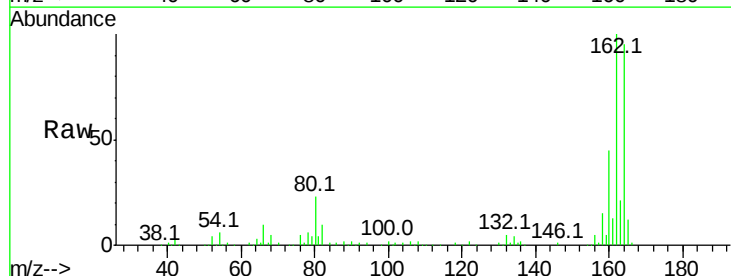
Instrument :
 BNA_F
 ClientSampleId :

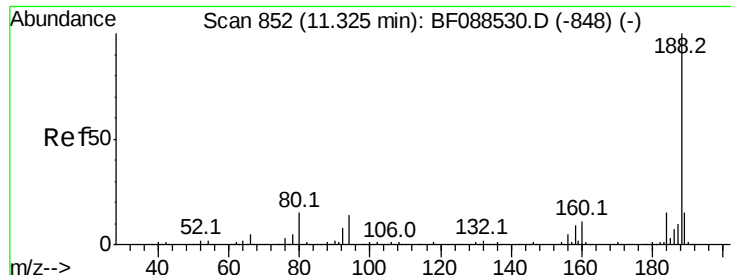
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	28.1	42.1#
89	1.6	32.2	48.2#



#56
 2,4-Dinitrotoluene
 Concen: 6.23 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.19 min
 Lab File: BF088840.D
 Acq: 8 Jul 2016 22:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	22.0	33.0#
89	1.6	41.1	61.7#
182	0.0	2.0	3.0#

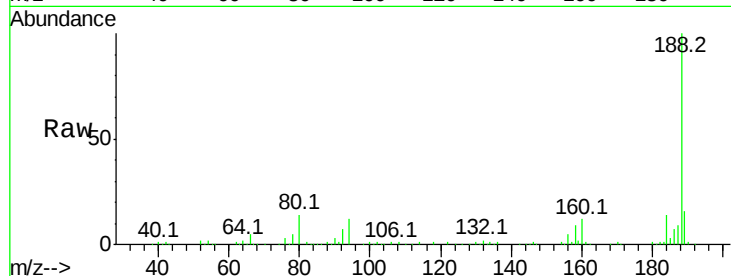




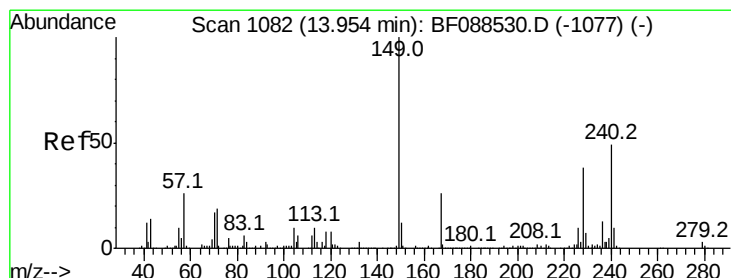
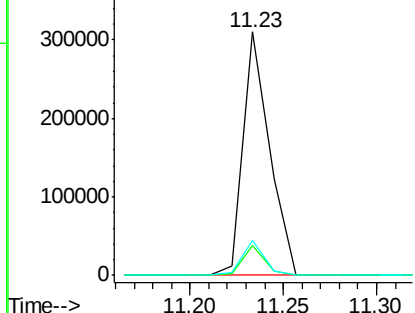
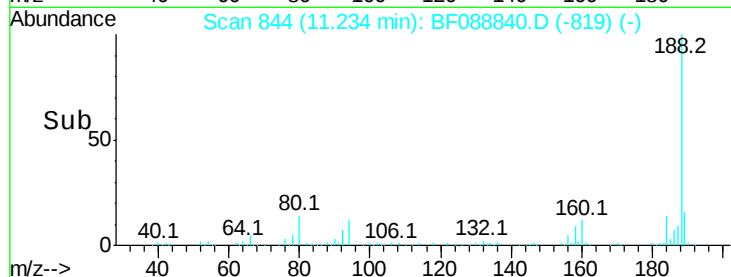
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088840.D
Acq: 8 Jul 2016 22:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 307064
Ion Ratio Lower Upper
188 100
94 12.5 9.0 13.6
80 14.3 10.0 15.0

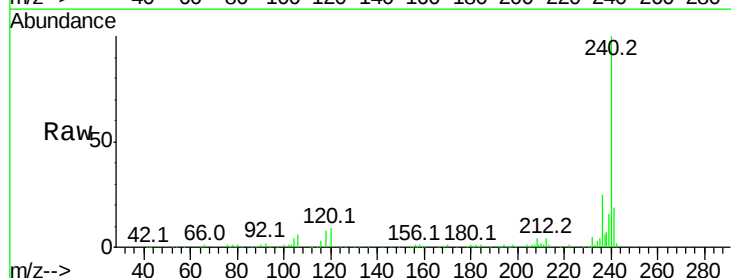


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

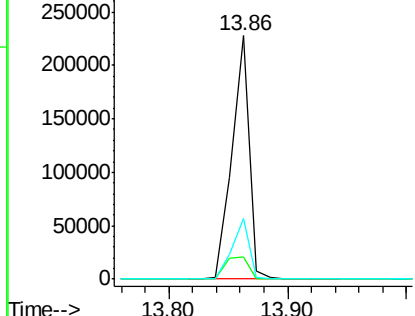
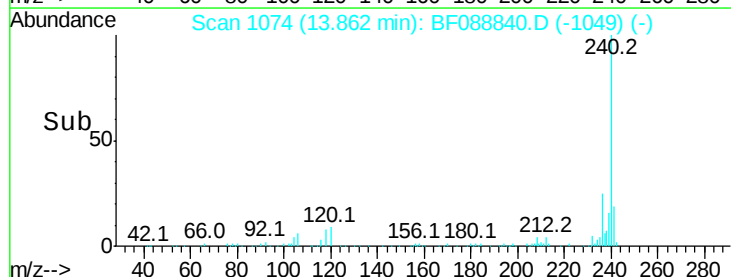


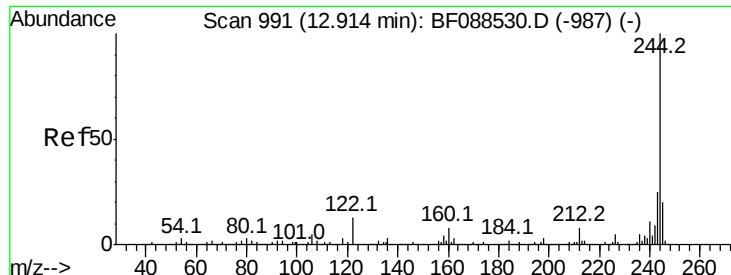
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF088840.D
Acq: 8 Jul 2016 22:50

Tgt Ion:240 Resp: 229101
Ion Ratio Lower Upper
240 100
120 9.0 6.8 10.2
236 25.0 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: 1.34 ng

RT: 12.81 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF088840.D

Acq: 8 Jul 2016 22:50

Instrument :

BNA_F

ClientSampleId :

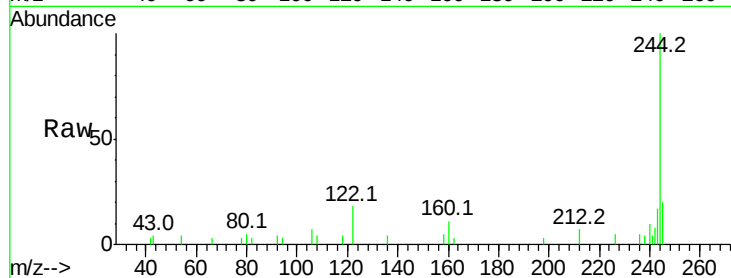
Tot Ion:244 Resp: 13756

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

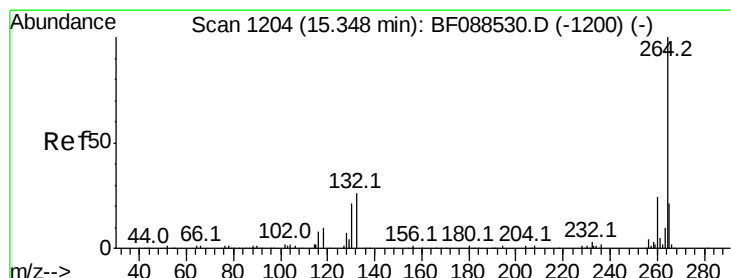
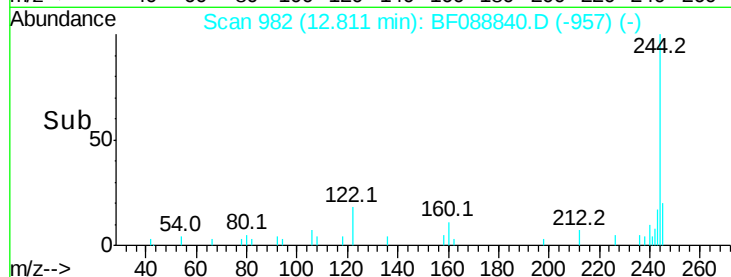
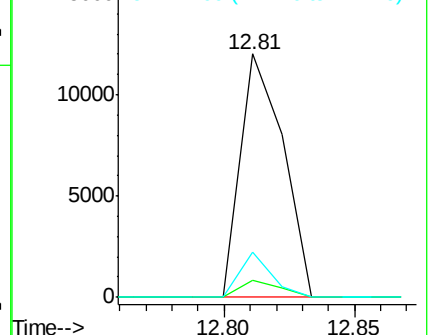
122 18.3 11.2 16.8#



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: BF088840.D

Acq: 8 Jul 2016 22:50

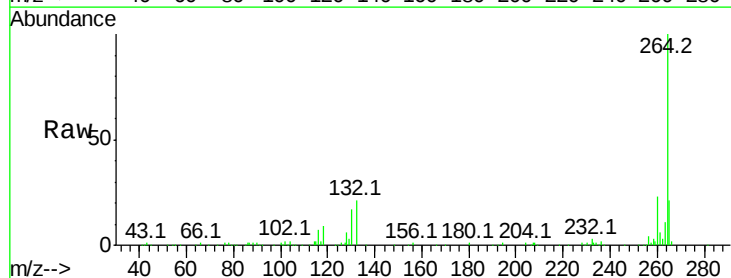
Tgt Ion:264 Resp: 178550

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.0 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

