

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
 Data File : BF088274.D
 Acq On : 23 Jun 2016 4:35
 Operator : UM/SJ
 Sample : H3065-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 23 05:30:13 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

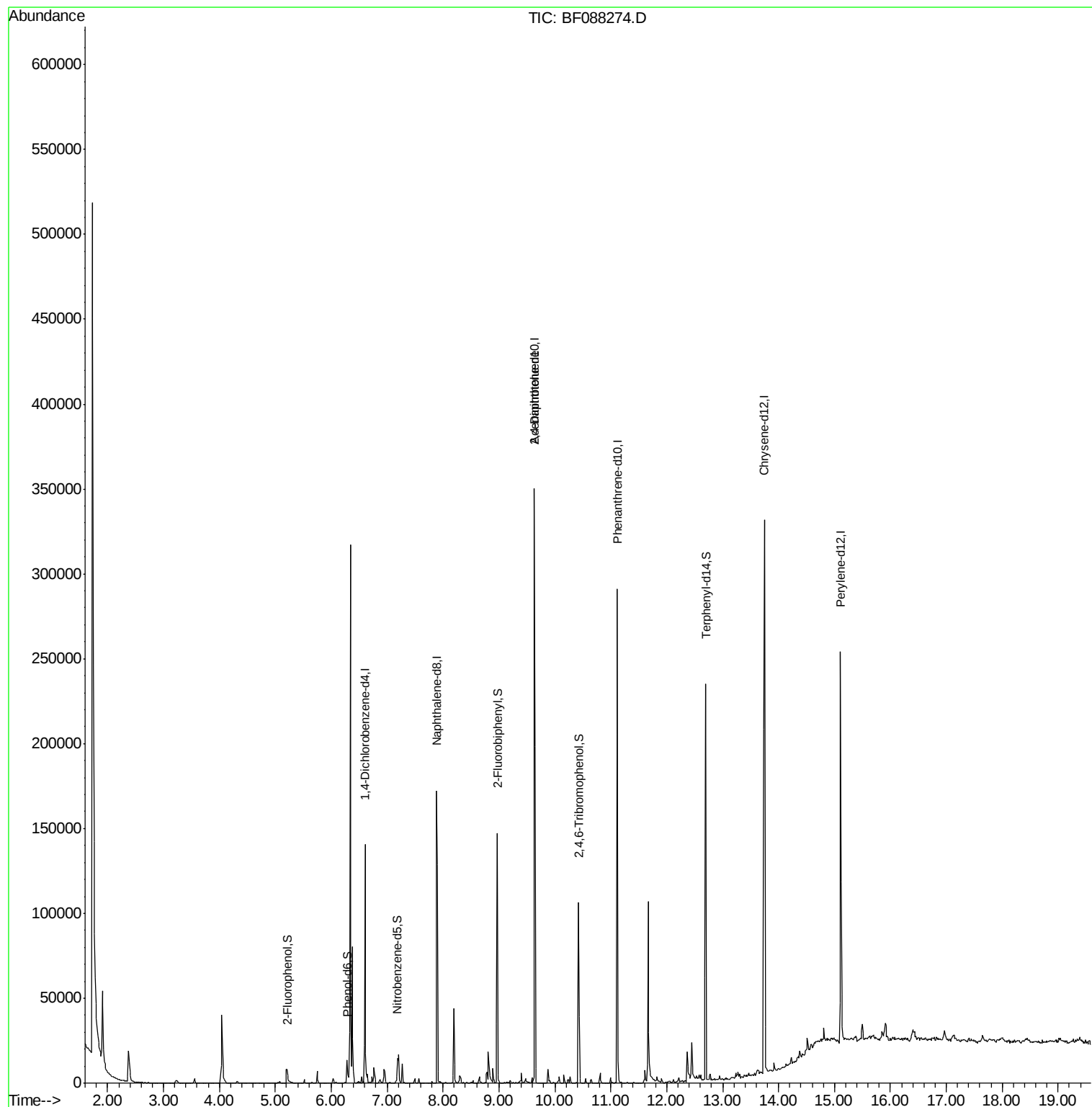
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	24134	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	114119	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	82485	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	143795	20.00	ng	0.00
75) Chrysene-d12	13.75	240	138387	20.00	ng	0.00
86) Perylene-d12	15.11	264	91398	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	8170	5.79	ng	0.03
7) Phenol-d6	6.28	99	11809	6.90	ng	0.02
23) Nitrobenzene-d5	7.19	82	5282	2.70	ng	0.01
41) 2,4,6-Tribromophenol	10.42	330	13836	15.89	ng	-0.01
44) 2-Fluorobiphenyl	8.97	172	48864	4.03	ng	0.00
78) Terphenyl-d14	12.70	244	76241	12.54	ng	0.00
Target Compounds						
56) 2,4-Dinitrotoluene	9.63	165	10594	6.02	ng	# 36
57) Fluorene	10.42	166	678	Below Cal		# 86

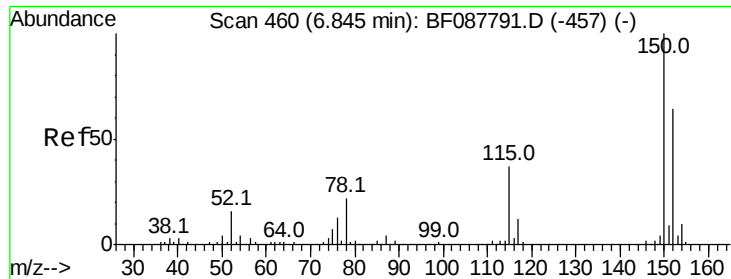
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 22 14:55:14 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF088274.D

Acq: 23 Jun 2016 4:35

Instrument :

BNA_F

ClientSampleId :

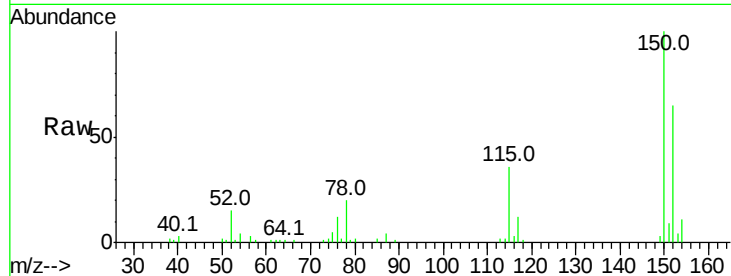
Tot Ion:152 Resp: 24134

Ion Ratio Lower Upper

152 100

150 153.2 123.8 185.6

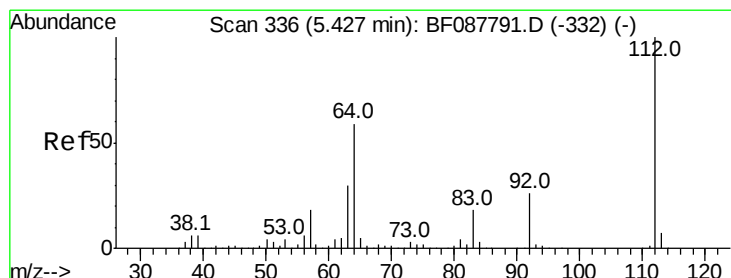
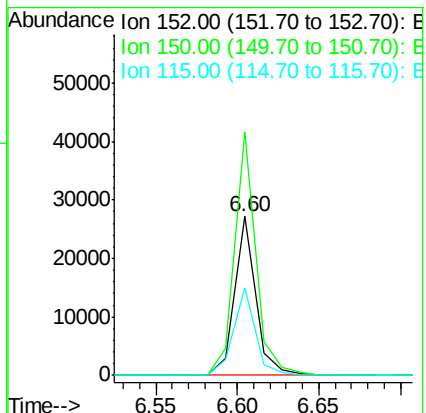
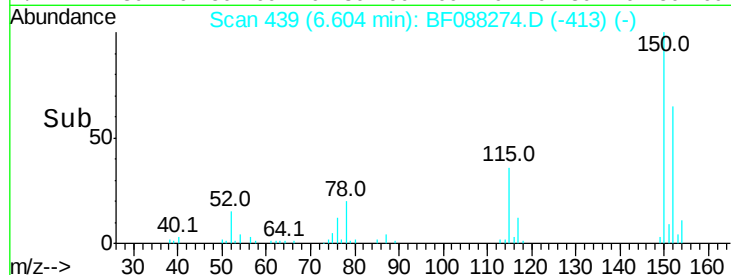
115 54.9 39.6 59.4



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: 5.79 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.03 min

Lab File: BF088274.D

Acq: 23 Jun 2016 4:35

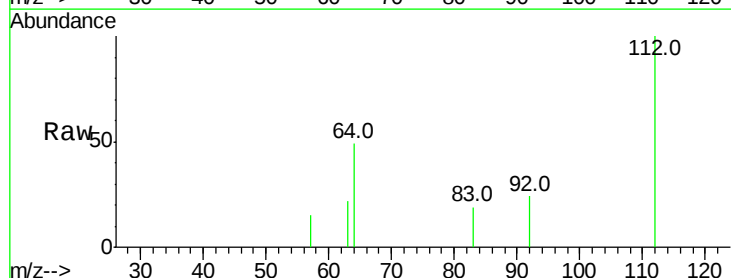
Tgt Ion:112 Resp: 8170

Ion Ratio Lower Upper

112 100

64 49.1 42.2 63.2

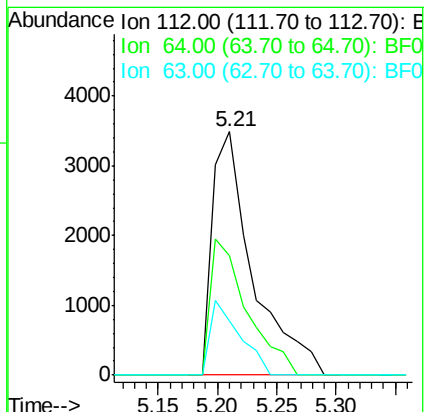
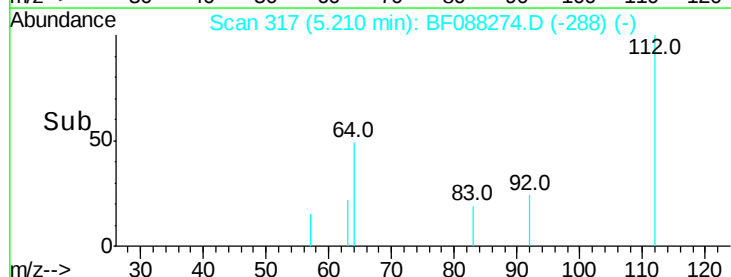
63 22.4 21.8 32.8



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: 6.90 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.02 min

Lab File: BF088274.D

Acq: 23 Jun 2016 4:35

Instrument :

BNA_F

ClientSampleId :

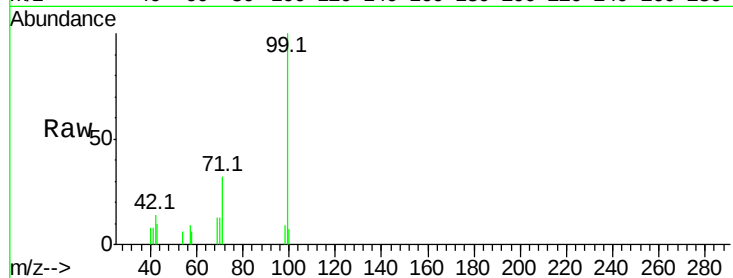
Tot Ion: 99 Resp: 11809

Ion Ratio Lower Upper

99 100

42 13.9 12.2 18.2

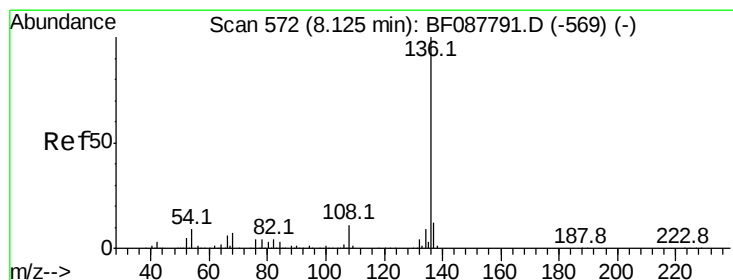
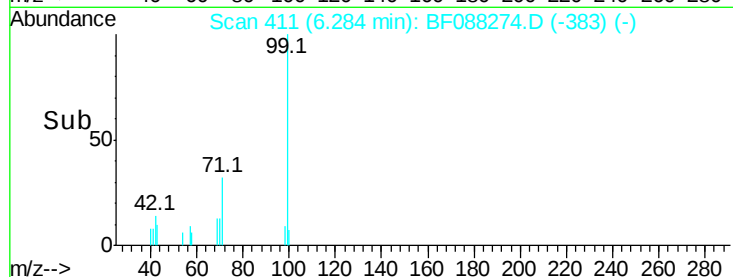
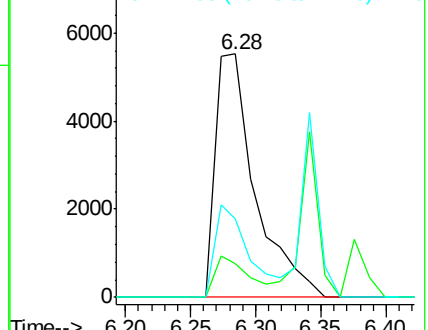
71 32.1 23.4 35.0



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: 7.88 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF088274.D

Acq: 23 Jun 2016 4:35

Tgt Ion: 136 Resp: 114119

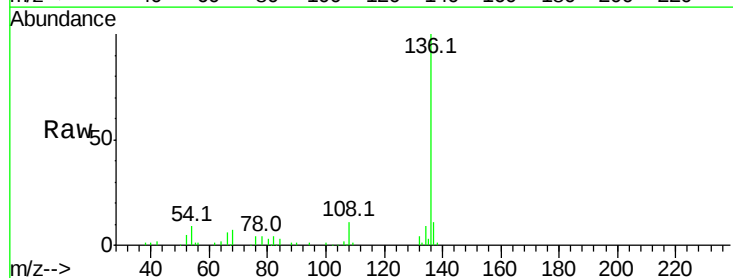
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 9.1 6.6 10.0

68 7.3 5.1 7.7

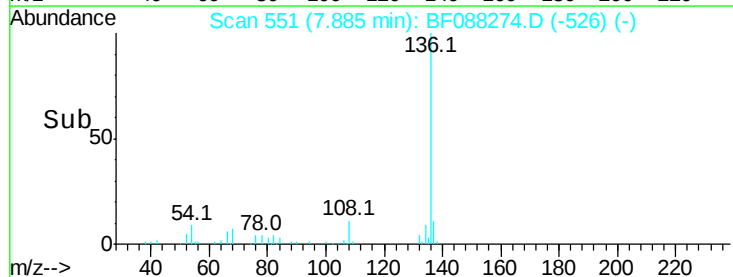
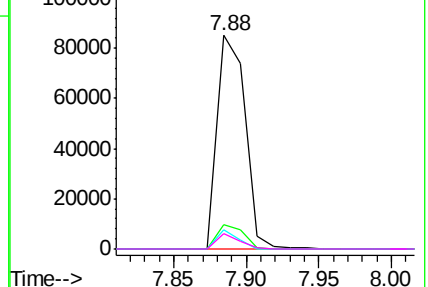


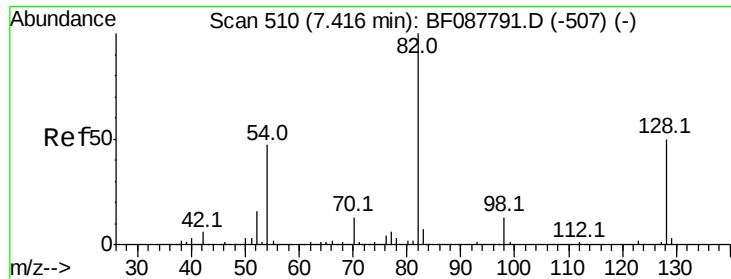
Abundance Ion 136.00 (135.70 to 136.70): E

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

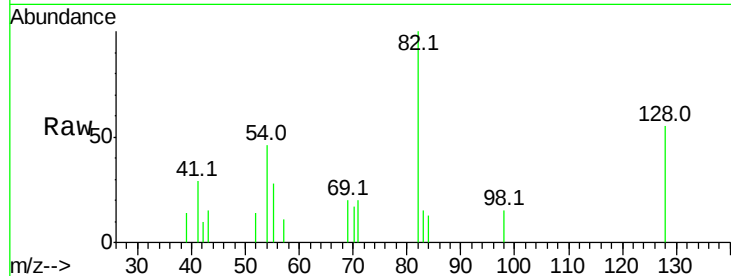




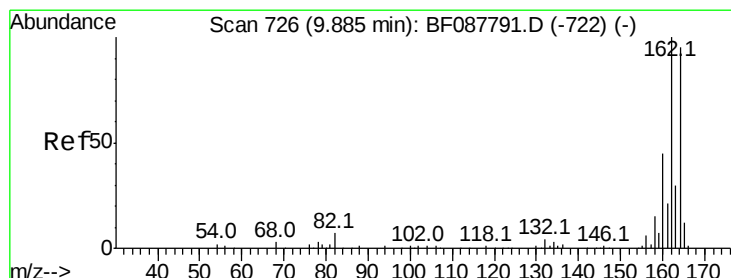
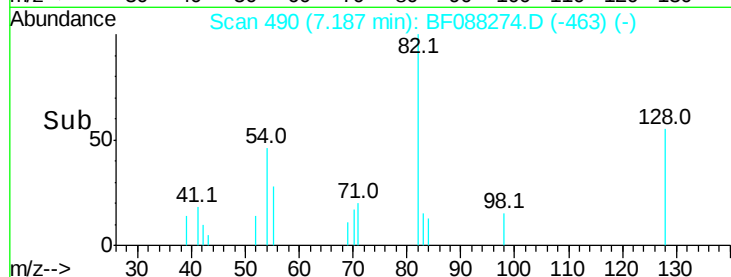
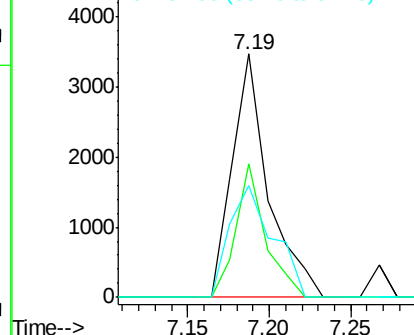
#23
 Nitrobenzene-d5
 Concen: 2.70 ng
 RT: 7.19 min Scan# 490
 Delta R.T. 0.01 min
 Lab File: BF088274.D
 Acq: 23 Jun 2016 4:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 5282
 Ion Ratio Lower Upper
 82 100
 128 54.7 35.9 53.9#
 54 46.0 40.9 61.3

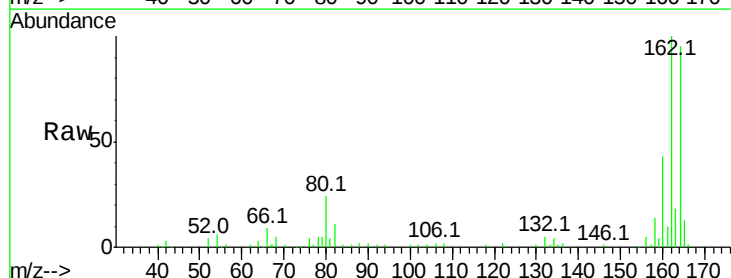


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

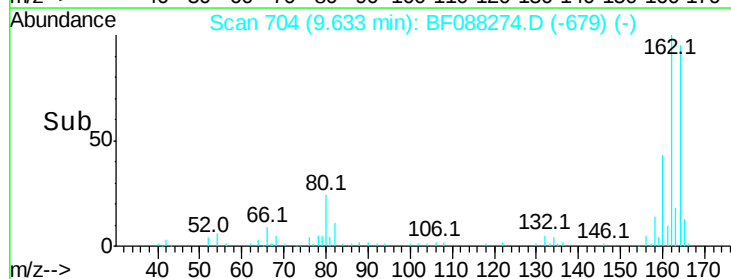
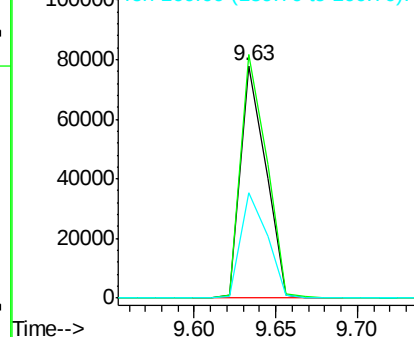


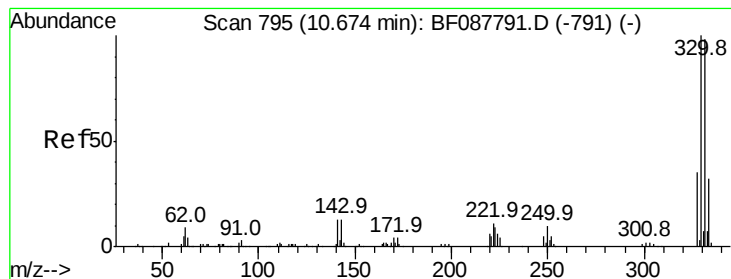
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: BF088274.D
 Acq: 23 Jun 2016 4:35

Tgt Ion:164 Resp: 82485
 Ion Ratio Lower Upper
 164 100
 162 104.7 85.4 128.2
 160 45.4 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: 15.89 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF088274.D

Acq: 23 Jun 2016 4:35

Instrument :

BNA_F

ClientSampleId :

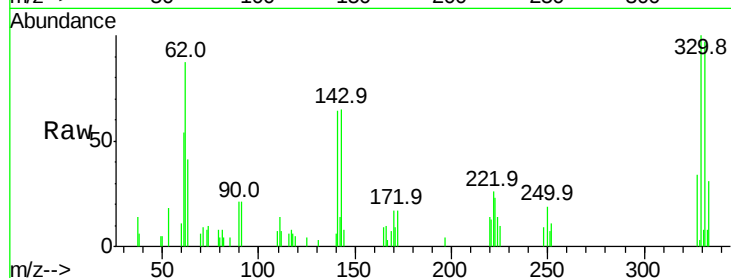
Tot Ion:330 Resp: 13836

Ion Ratio Lower Upper

330 100

332 100.4 0.0 0.0#

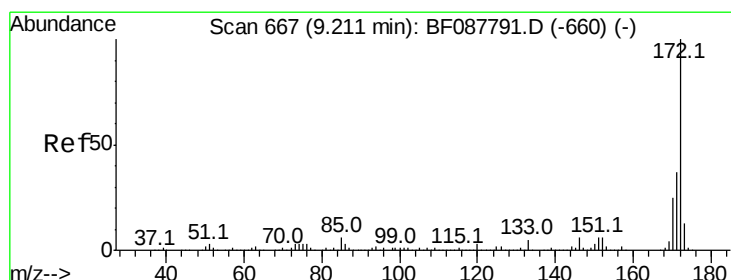
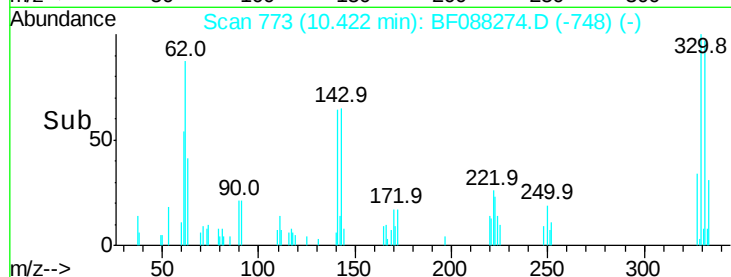
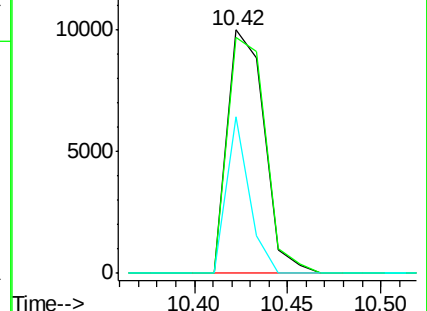
141 39.7 0.0 0.0#



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: 4.03 ng

RT: 8.97 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF088274.D

Acq: 23 Jun 2016 4:35

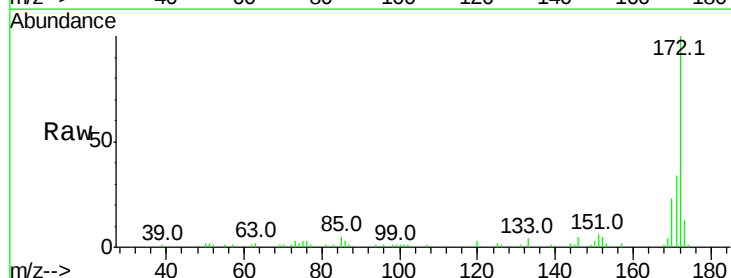
Tgt Ion:172 Resp: 48864

Ion Ratio Lower Upper

172 100

171 34.3 28.6 43.0

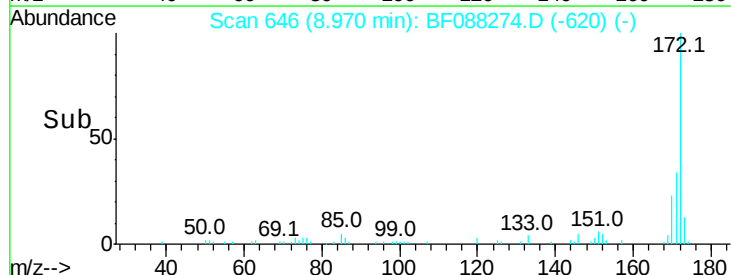
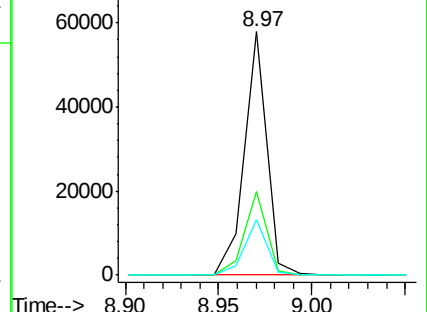
170 22.7 19.2 28.8

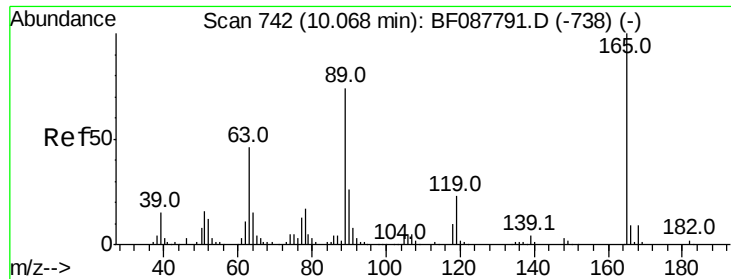


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#56

2,4-Dinitrotoluene

Concen: 6.02 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.22 min

Lab File: BF088274.D

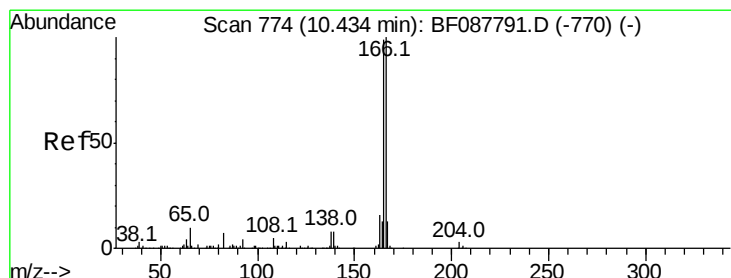
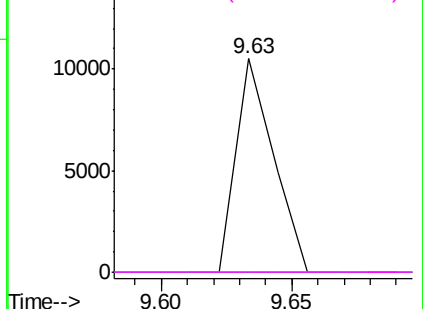
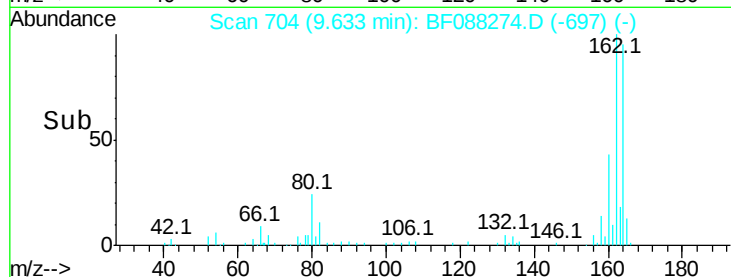
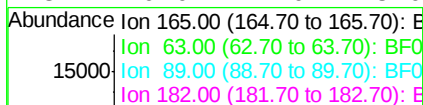
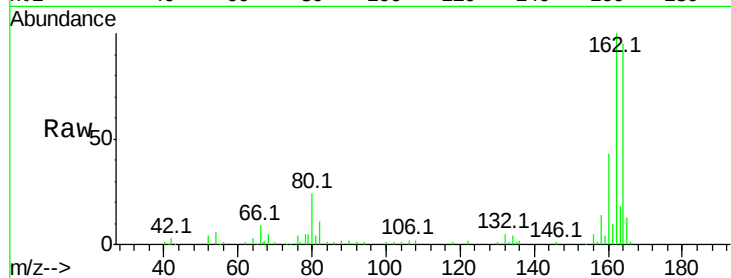
Acq: 23 Jun 2016 4:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165	Resp:	10594
Ion Ratio	Lower	Upper
165	100	
63	0.0	22.0 33.0#
89	0.0	41.1 61.7#
182	0.0	2.0 3.0#



#57

Fluorene

Concen: Below Cal

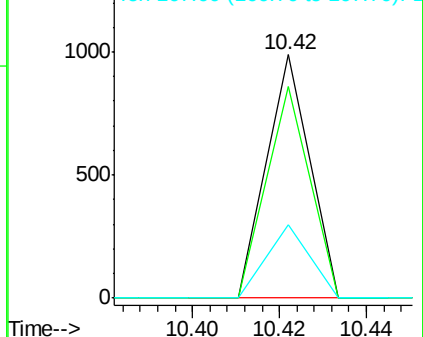
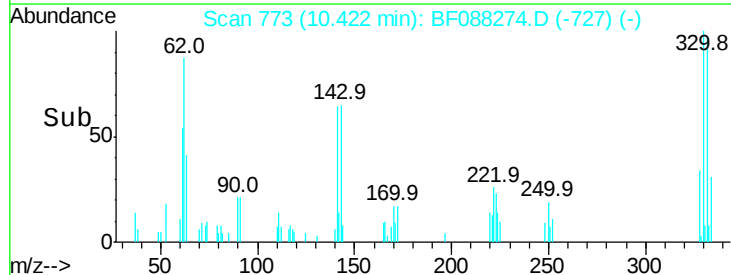
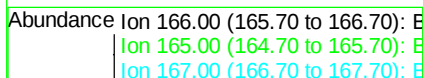
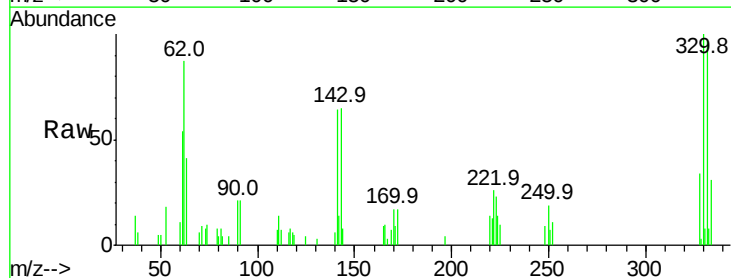
RT: 10.42 min Scan# 773

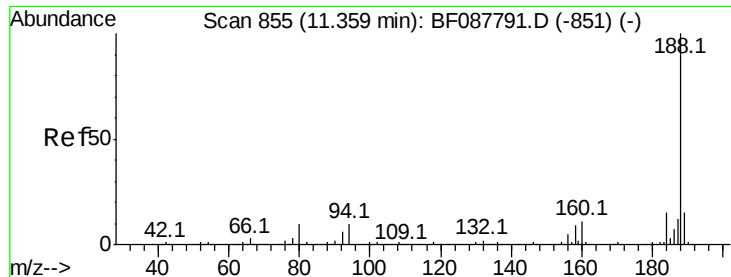
Delta R.T. 0.23 min

Lab File: BF088274.D

Acq: 23 Jun 2016 4:35

Tgt Ion:166	Resp:	678
Ion Ratio	Lower	Upper
166	100	
165	87.0	77.8 116.8
167	30.3	11.2 16.8#

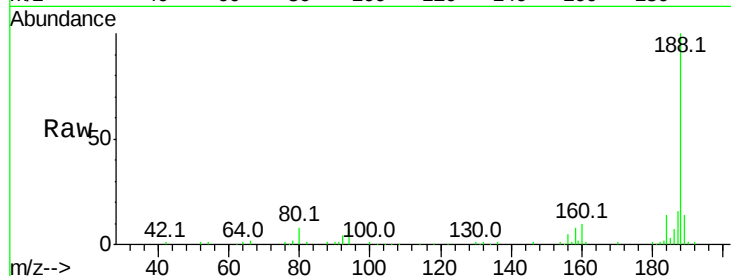




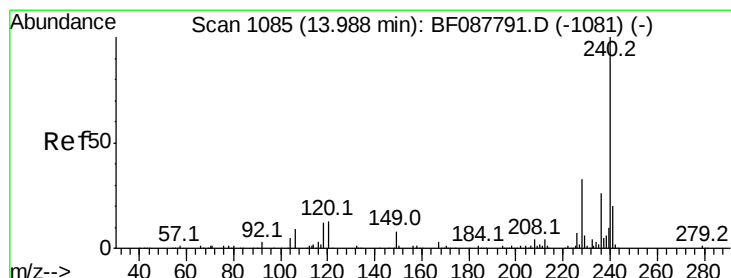
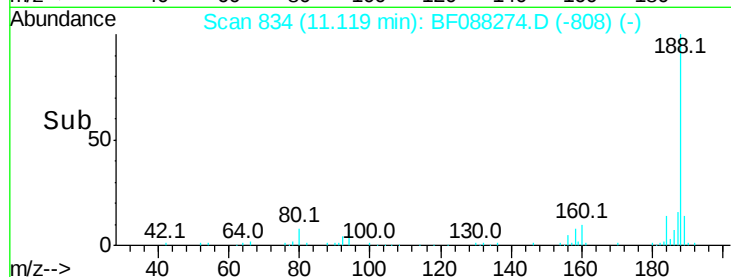
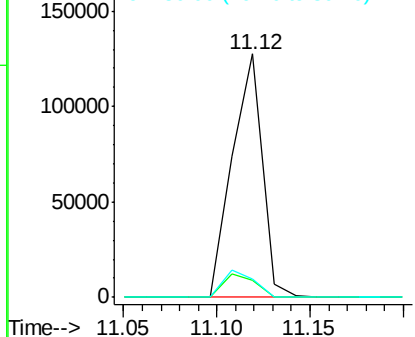
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF088274.D
Acq: 23 Jun 2016 4:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 143795
Ion Ratio Lower Upper
188 100
94 7.2 9.0 13.6#
80 7.7 10.0 15.0#

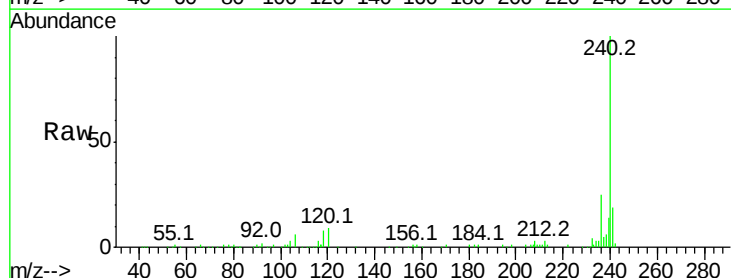


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

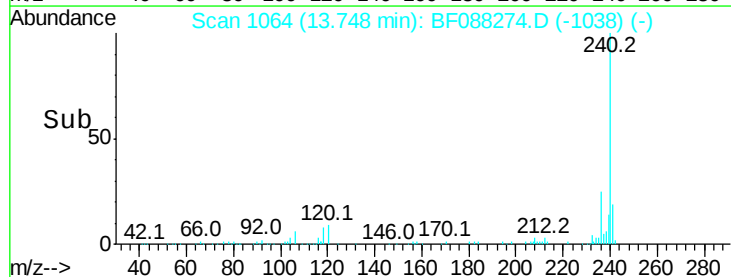
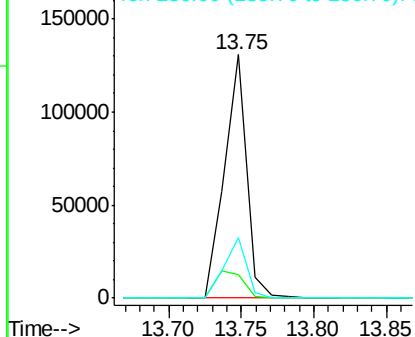


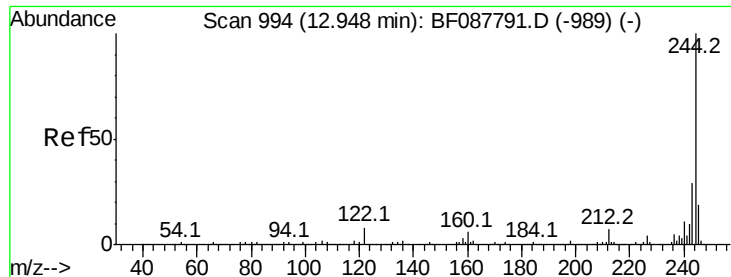
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF088274.D
Acq: 23 Jun 2016 4:35

Tgt Ion:240 Resp: 138387
Ion Ratio Lower Upper
240 100
120 9.5 6.8 10.2
236 24.9 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

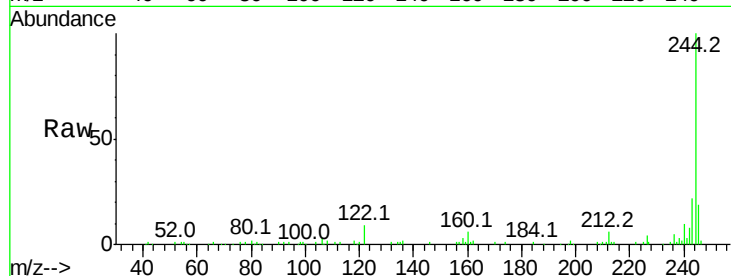




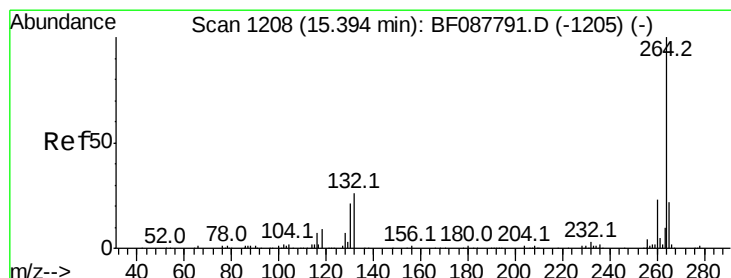
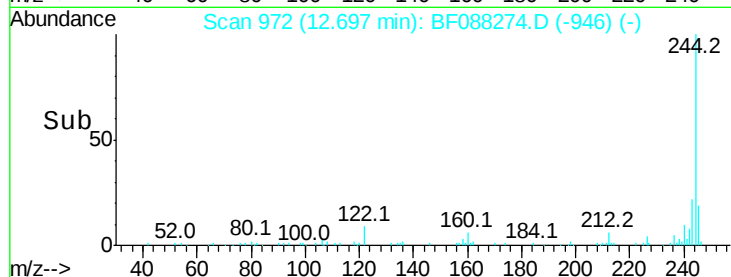
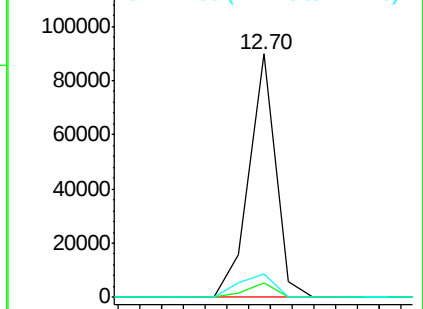
#78
 Terphenyl-d14
 Concen: 12.54 ng
 RT: 12.70 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: BF088274.D
 Acq: 23 Jun 2016 4:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 76241
 Ion Ratio Lower Upper
 244 100
 212 6.2 6.0 9.0
 122 9.4 11.2 16.8#

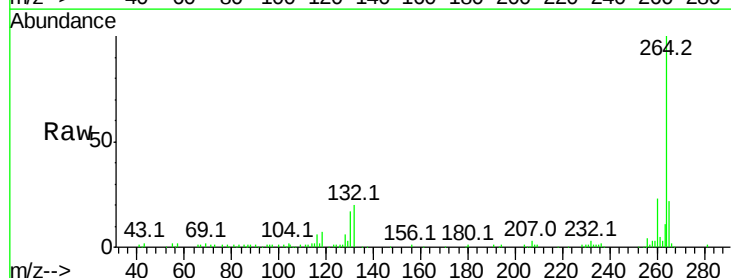


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF088274.D
 Acq: 23 Jun 2016 4:35

Tgt Ion:264 Resp: 91398
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 22.0 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

