

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
 Data File : BF088007.D
 Acq On : 14 Jun 2016 19:30
 Operator : UM/SJ
 Sample : H3467-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HF-20-WC-1

Quant Time: Jun 15 04:19:17 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 15 04:08:24 2016
 Response via : Initial Calibration

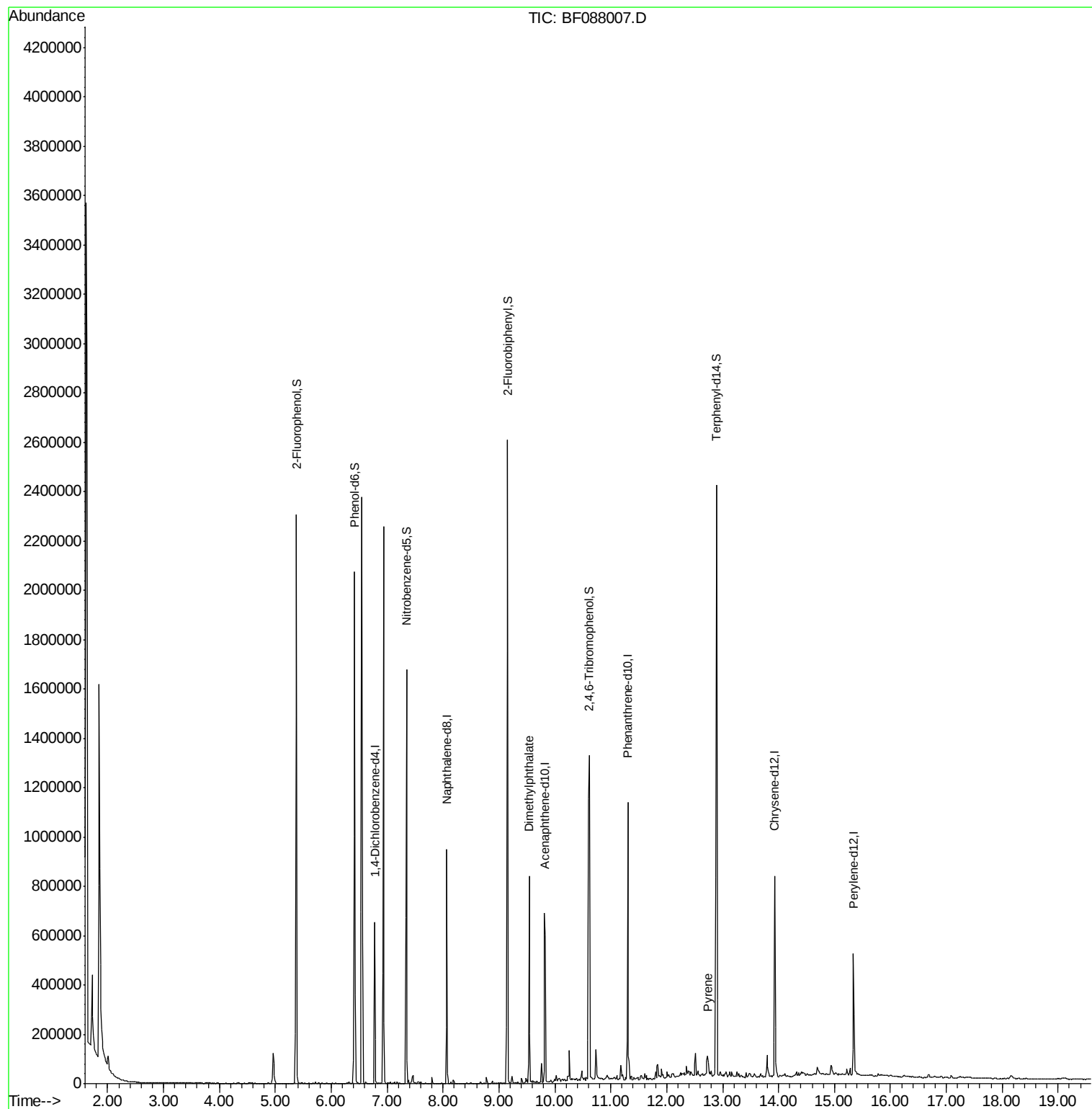
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	101316	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	427148	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	193350	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	373973	20.00	ng	0.00
75) Chrysene-d12	13.93	240	248579	20.00	ng	-0.01
86) Perylene-d12	15.34	264	213976	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	843278	142.29	ng	0.01
7) Phenol-d6	6.42	99	934971	130.17	ng	0.00
23) Nitrobenzene-d5	7.35	82	603111	82.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	237282	116.23	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1097504	89.46	ng	0.00
78) Terphenyl-d14	12.89	244	780800	71.48	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.54	163	349916	24.98	ng	99
77) Pyrene	12.73	202	39837	2.16	ng	97

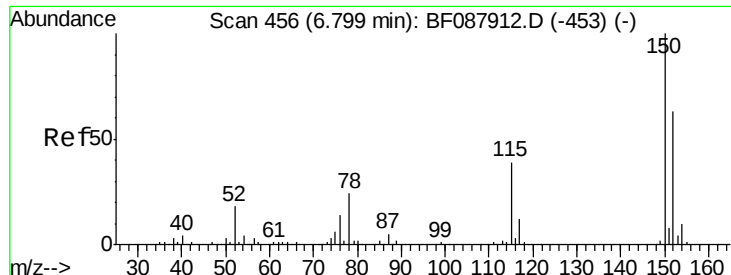
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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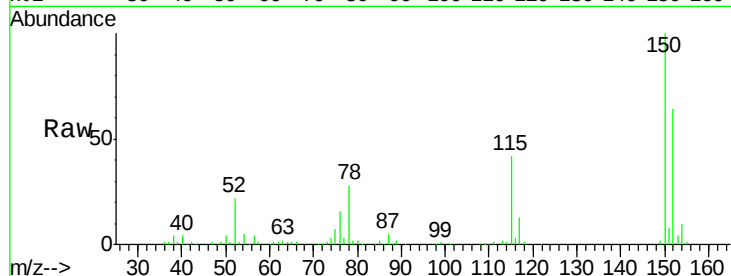


#1

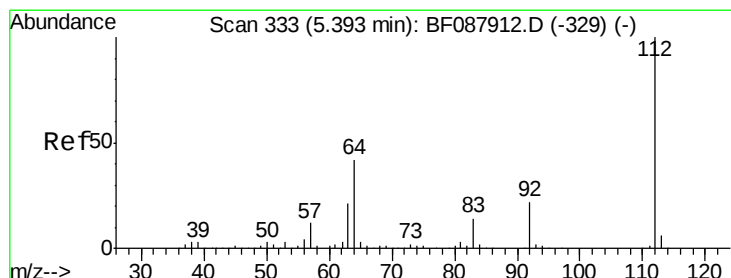
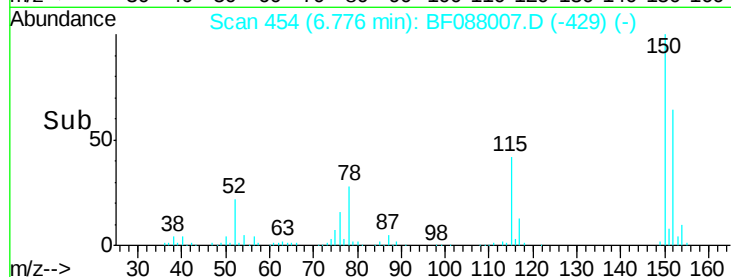
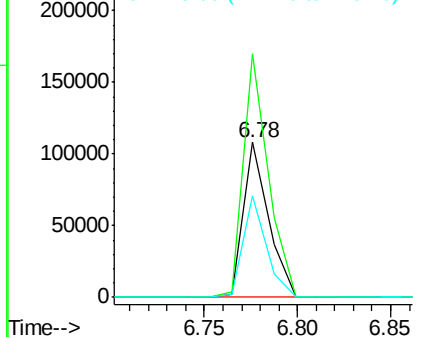
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF088007.D
Acq: 14 Jun 2016 19:30

Instrument :
BNA_F
ClientSampleId :
HF-20-WC-1

Tot Ion:152 Resp: 101316
Ion Ratio Lower Upper
152 100
150 157.3 123.8 185.6
115 65.8 39.6 59.4#



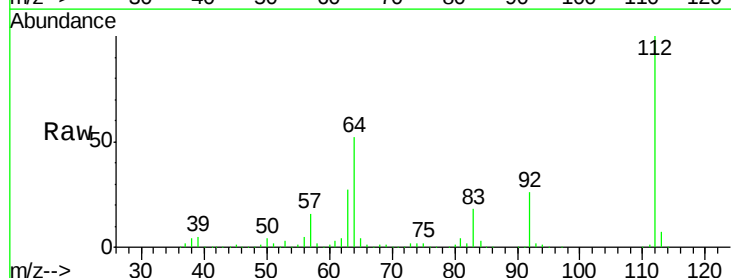
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



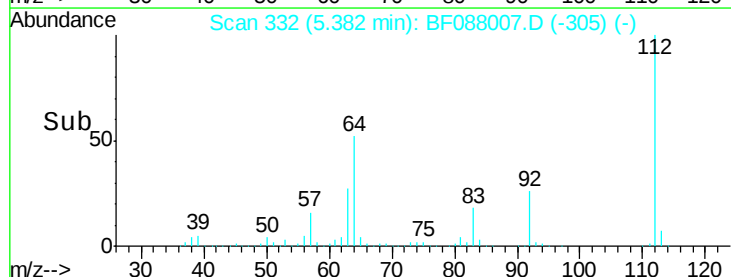
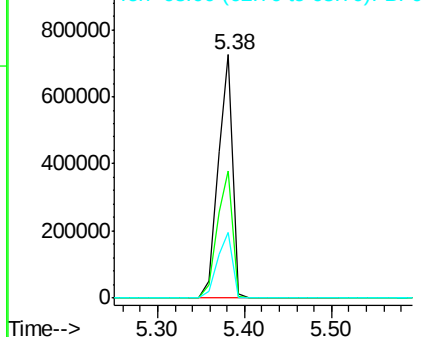
#5

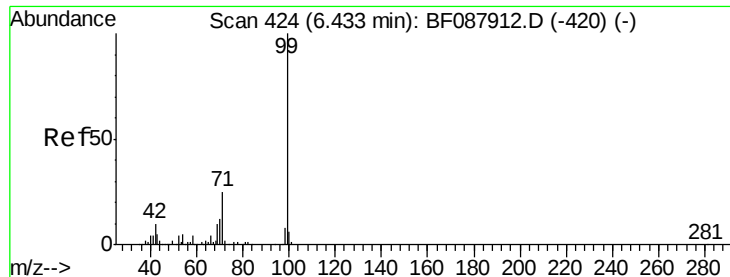
2-Fluorophenol
Concen: 142.29 ng
RT: 5.38 min Scan# 332
Delta R.T. 0.01 min
Lab File: BF088007.D
Acq: 14 Jun 2016 19:30

Tgt Ion:112 Resp: 843278
Ion Ratio Lower Upper
112 100
64 52.1 42.2 63.2
63 26.7 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: 130.17 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF088007.D

Acq: 14 Jun 2016 19:30

Instrument :

BNA_F

ClientSampled :

HF-20-WC-1

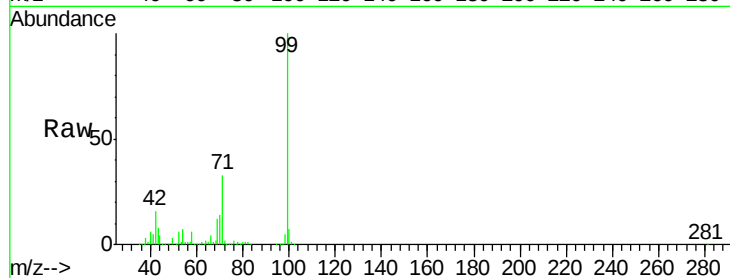
Tot Ion: 99 Resp: 934971

Ion Ratio Lower Upper

99 100

42 15.9 12.2 18.2

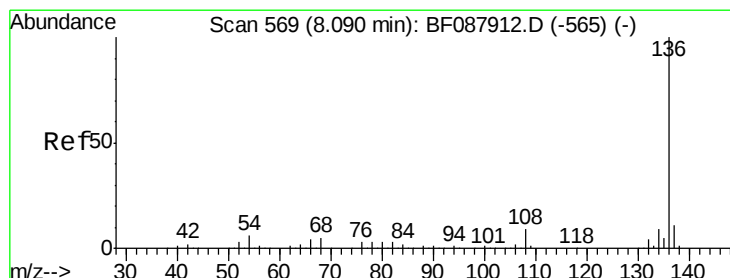
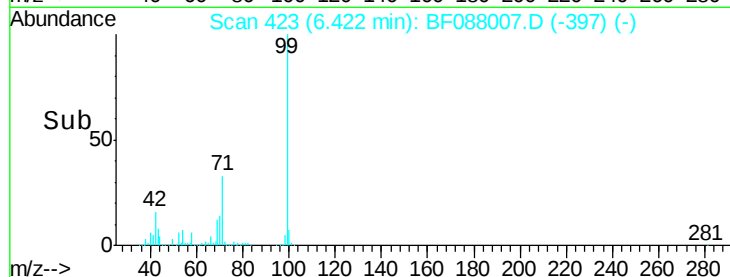
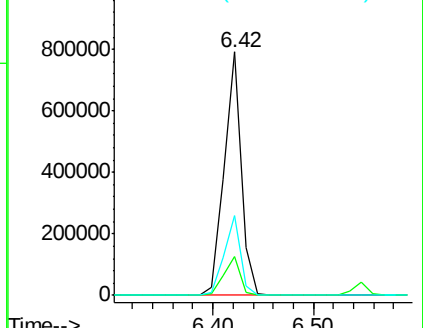
71 32.9 23.4 35.0



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: 8.07 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF088007.D

Acq: 14 Jun 2016 19:30

Tgt Ion: 136 Resp: 427148

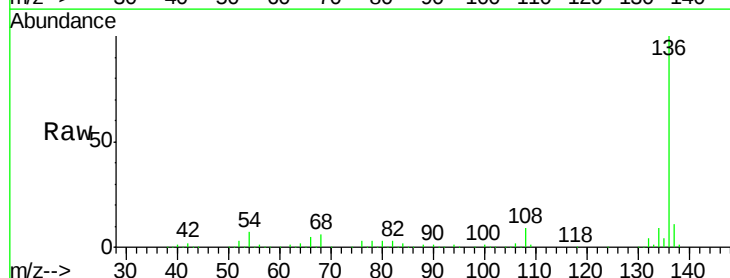
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 6.7 6.6 10.0

68 5.9 5.1 7.7

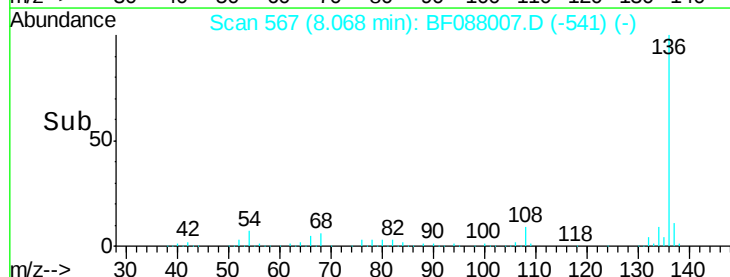
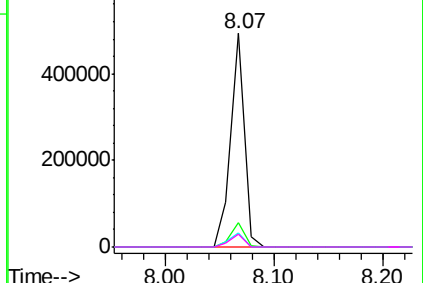


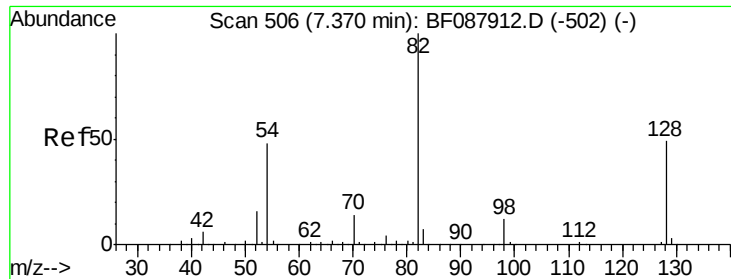
Abundance Ion 136.00 (135.70 to 136.70): E

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

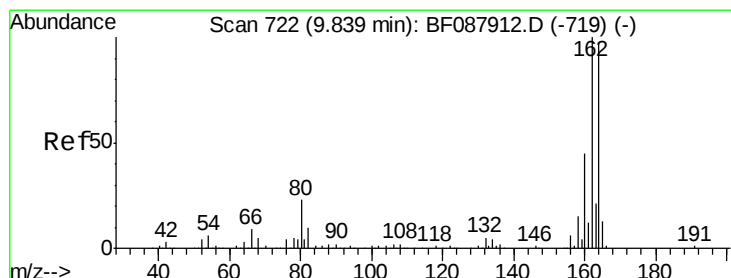
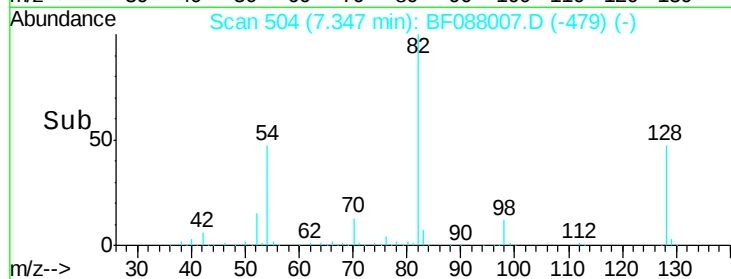
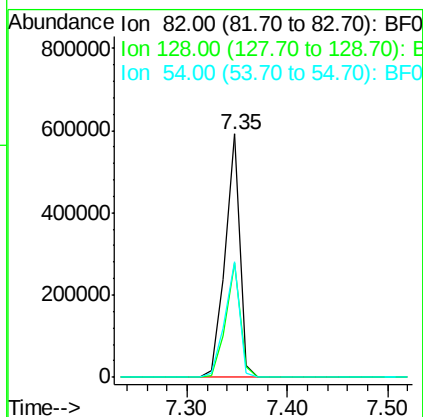
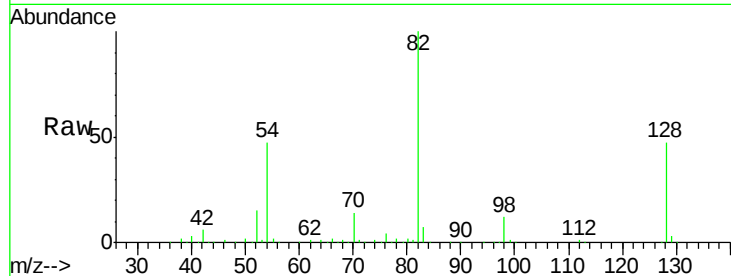




#23
 Nitrobenzene-d5
 Concen: 82.45 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF088007.D
 Acq: 14 Jun 2016 19:30

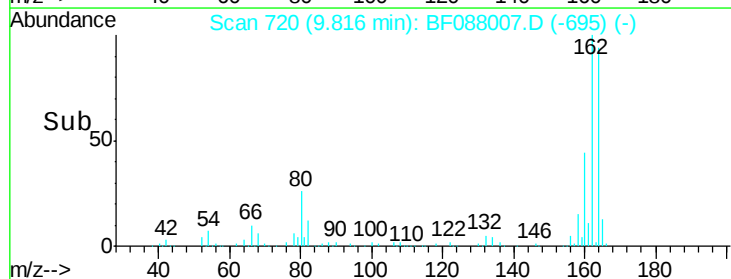
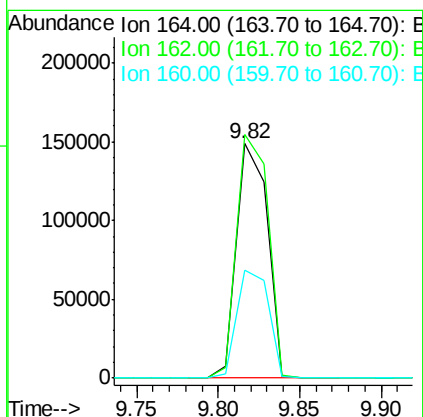
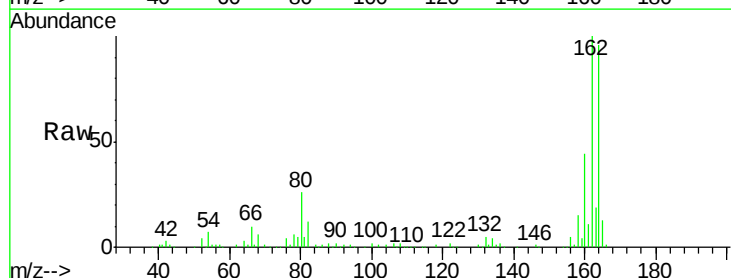
Instrument :
 BNA_F
 ClientSampleId :
 HF-20-WC-1

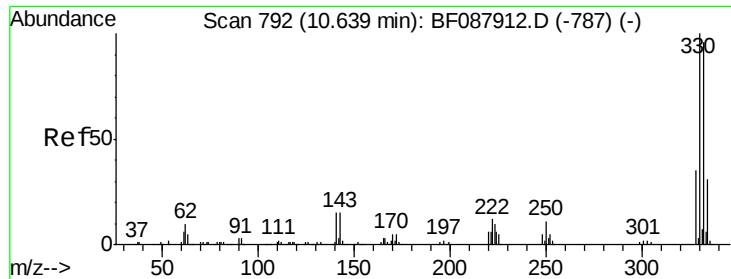
Tot Ion: 82 Resp: 603111
 Ion Ratio Lower Upper
 82 100
 128 46.9 35.9 53.9
 54 47.3 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BF088007.D
 Acq: 14 Jun 2016 19:30

Tgt Ion:164 Resp: 193350
 Ion Ratio Lower Upper
 164 100
 162 103.9 85.4 128.2
 160 46.0 39.5 59.3

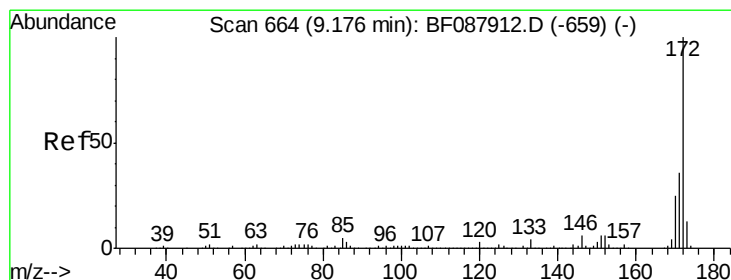
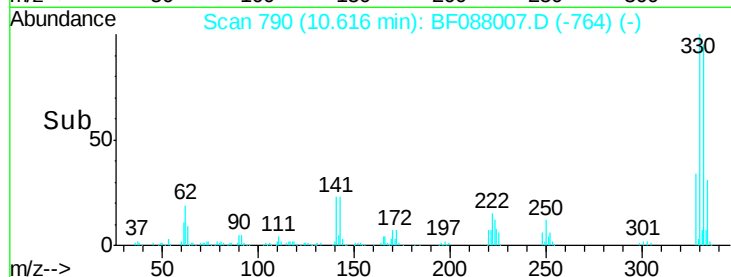
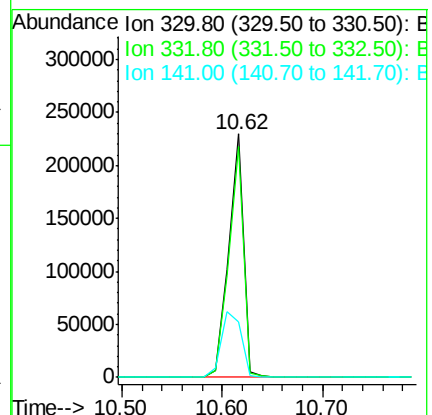
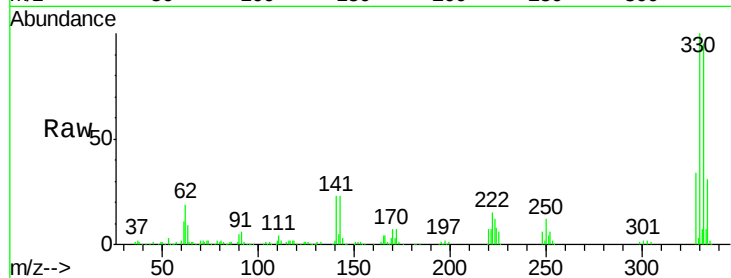




#41
 2,4,6-Tribromophenol
 Concen: 116.23 ng
 RT: 10.62 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF088007.D
 Acq: 14 Jun 2016 19:30

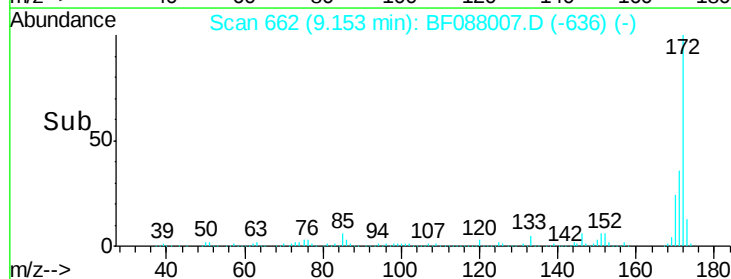
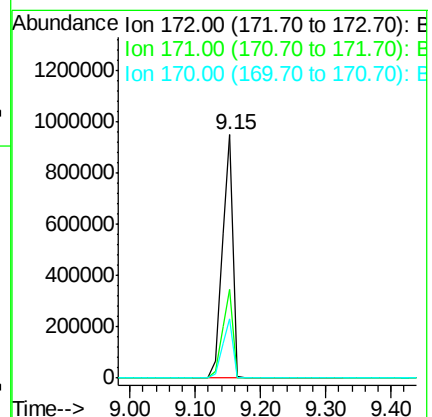
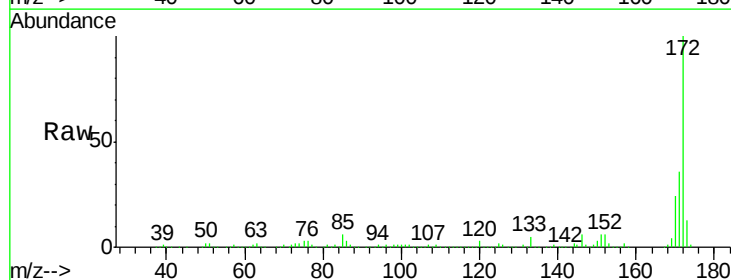
Instrument :
 BNA_F
 ClientSampleId :
 HF-20-WC-1

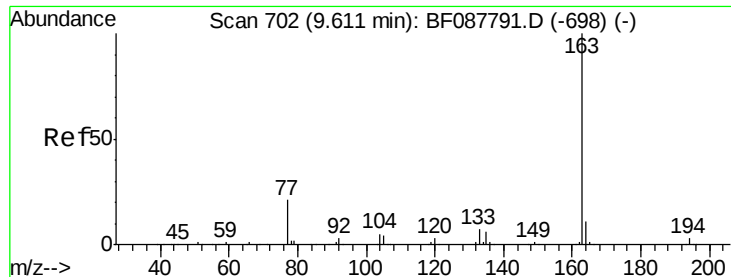
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	0.0	0.0#
141	36.7	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 89.46 ng
 RT: 9.15 min Scan# 662
 Delta R.T. 0.00 min
 Lab File: BF088007.D
 Acq: 14 Jun 2016 19:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.5	19.2	28.8





#49

Dimethylphthalate

Concen: 24.98 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.02 min

Lab File: BF088007.D

Acq: 14 Jun 2016 19:30

Instrument :

BNA_F

ClientSampleId :

HF-20-WC-1

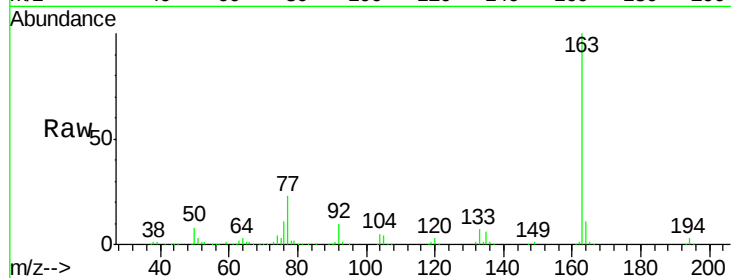
Tot Ion:163 Resp: 349916

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

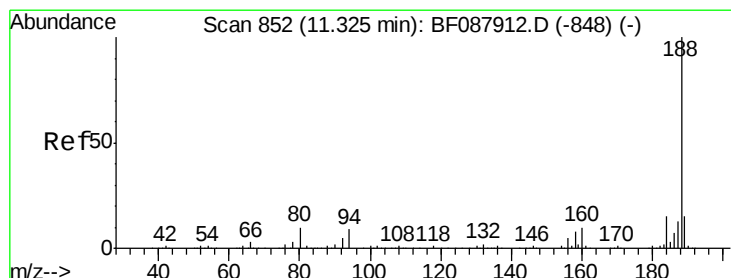
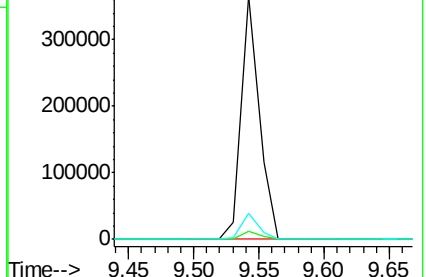
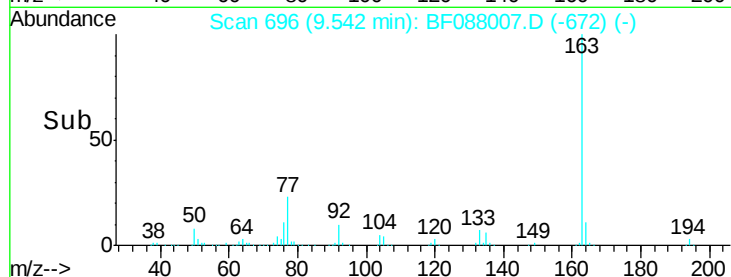
164 10.7 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF088007.D

Acq: 14 Jun 2016 19:30

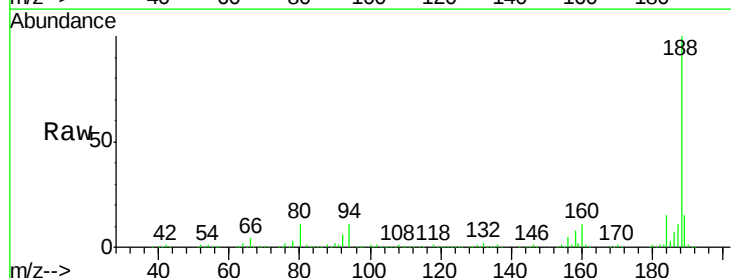
Tgt Ion:188 Resp: 373973

Ion Ratio Lower Upper

188 100

94 10.6 9.0 13.6

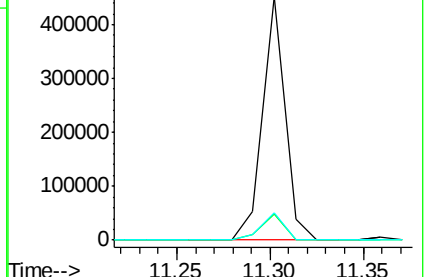
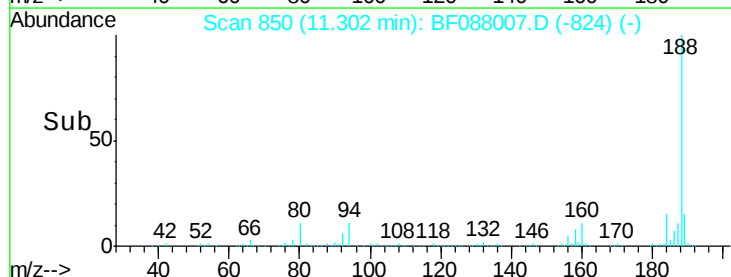
80 11.2 10.0 15.0

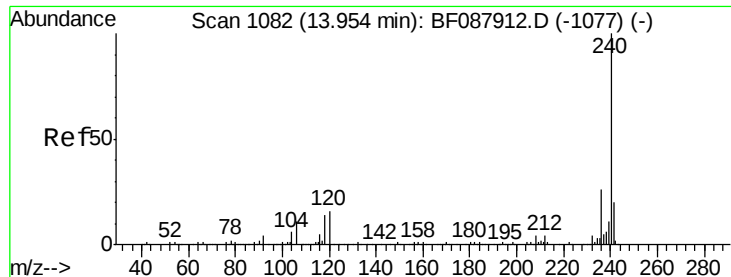


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.93 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BF088007.D

Acq: 14 Jun 2016 19:30

Instrument :

BNA_F

ClientSampleId :

HF-20-WC-1

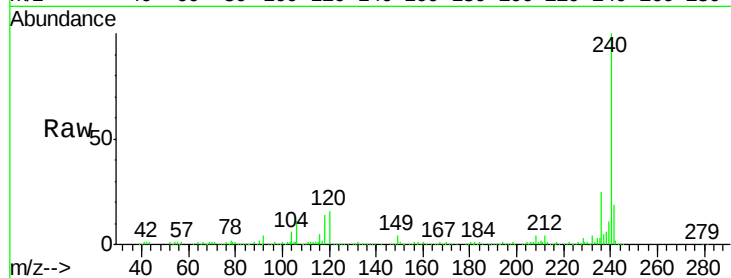
Tot Ion:240 Resp: 248579

Ion Ratio Lower Upper

240 100

120 16.2 6.8 10.2#

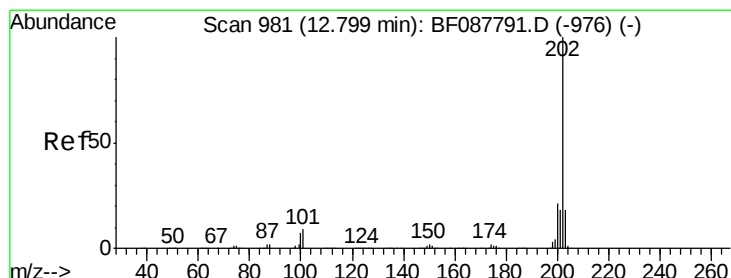
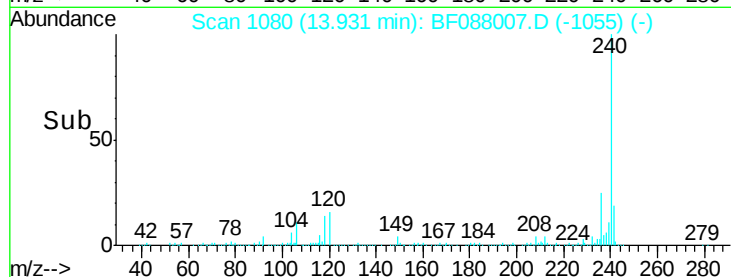
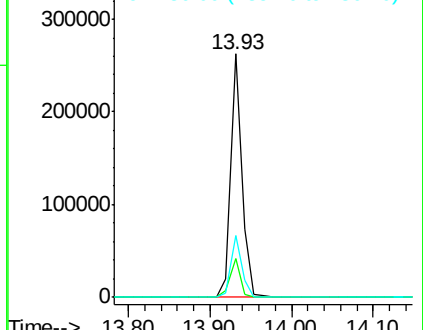
236 25.2 20.2 30.2



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



#77

Pyrene

Concen: 2.16 ng

RT: 12.73 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF088007.D

Acq: 14 Jun 2016 19:30

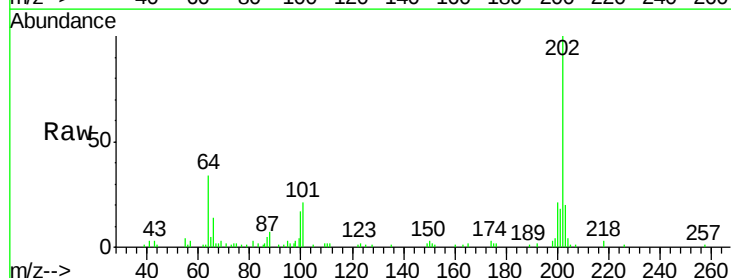
Tgt Ion:202 Resp: 39837

Ion Ratio Lower Upper

202 100

200 20.7 17.4 26.2

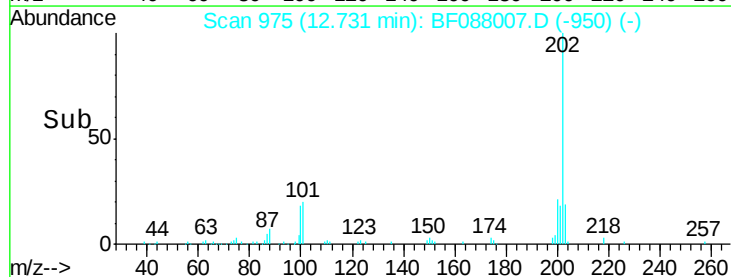
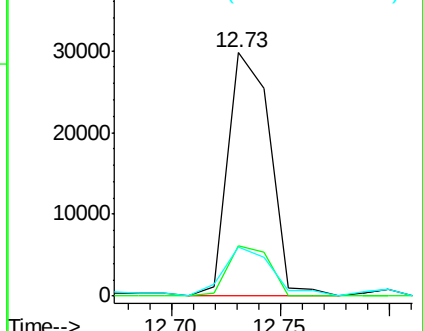
203 20.2 14.5 21.7

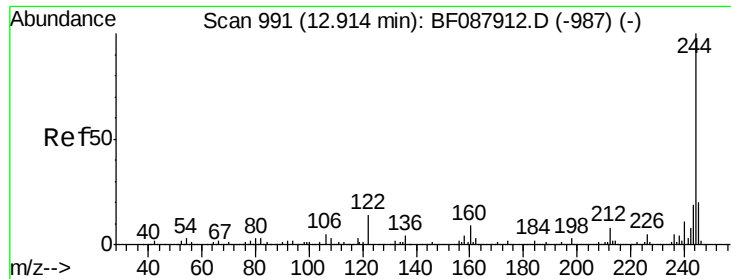


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

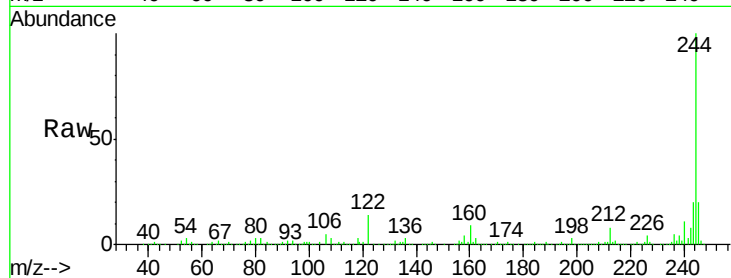




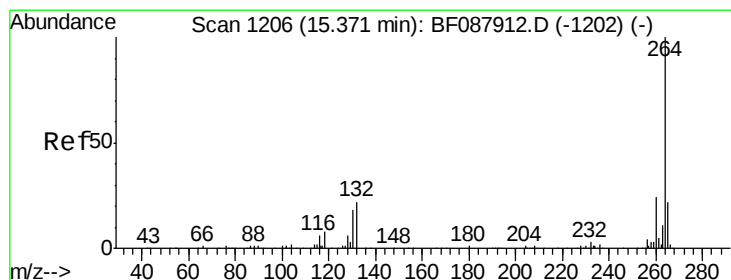
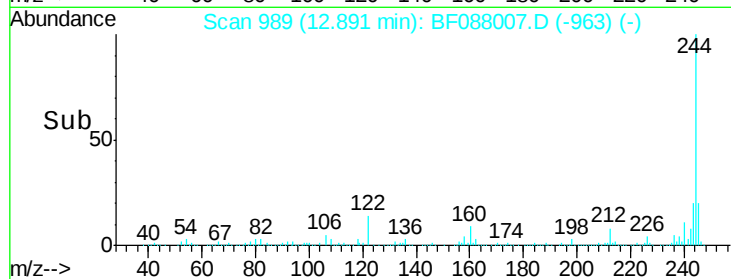
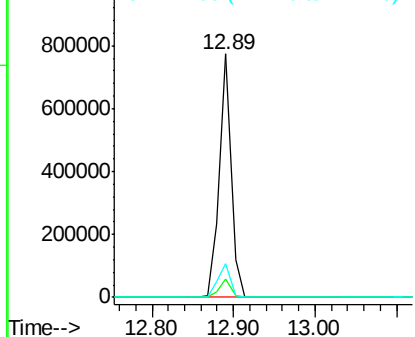
#78
 Terphenyl-d14
 Concen: 71.48 ng
 RT: 12.89 min Scan# 989
 Delta R.T. 0.00 min
 Lab File: BF088007.D
 Acq: 14 Jun 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 HF-20-WC-1

Tot Ion:244 Resp: 780800
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 14.1 11.2 16.8

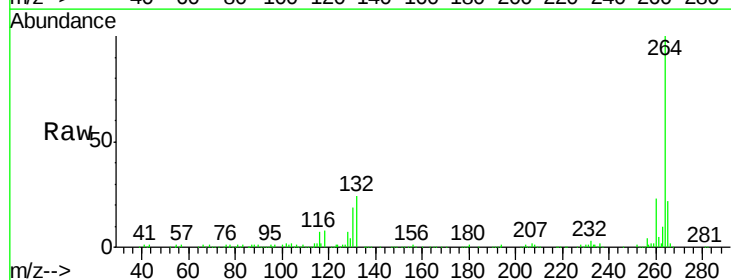


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.34 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF088007.D
 Acq: 14 Jun 2016 19:30

Tgt Ion:264 Resp: 213976
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.7 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

