

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061216\
 Data File : BF087961.D
 Acq On : 12 Jun 2016 21:29
 Operator : UM/SJ
 Sample : H3467-06
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HF-4-WC-3

Quant Time: Jun 13 06:39:09 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 05:09:42 2016
 Response via : Initial Calibration

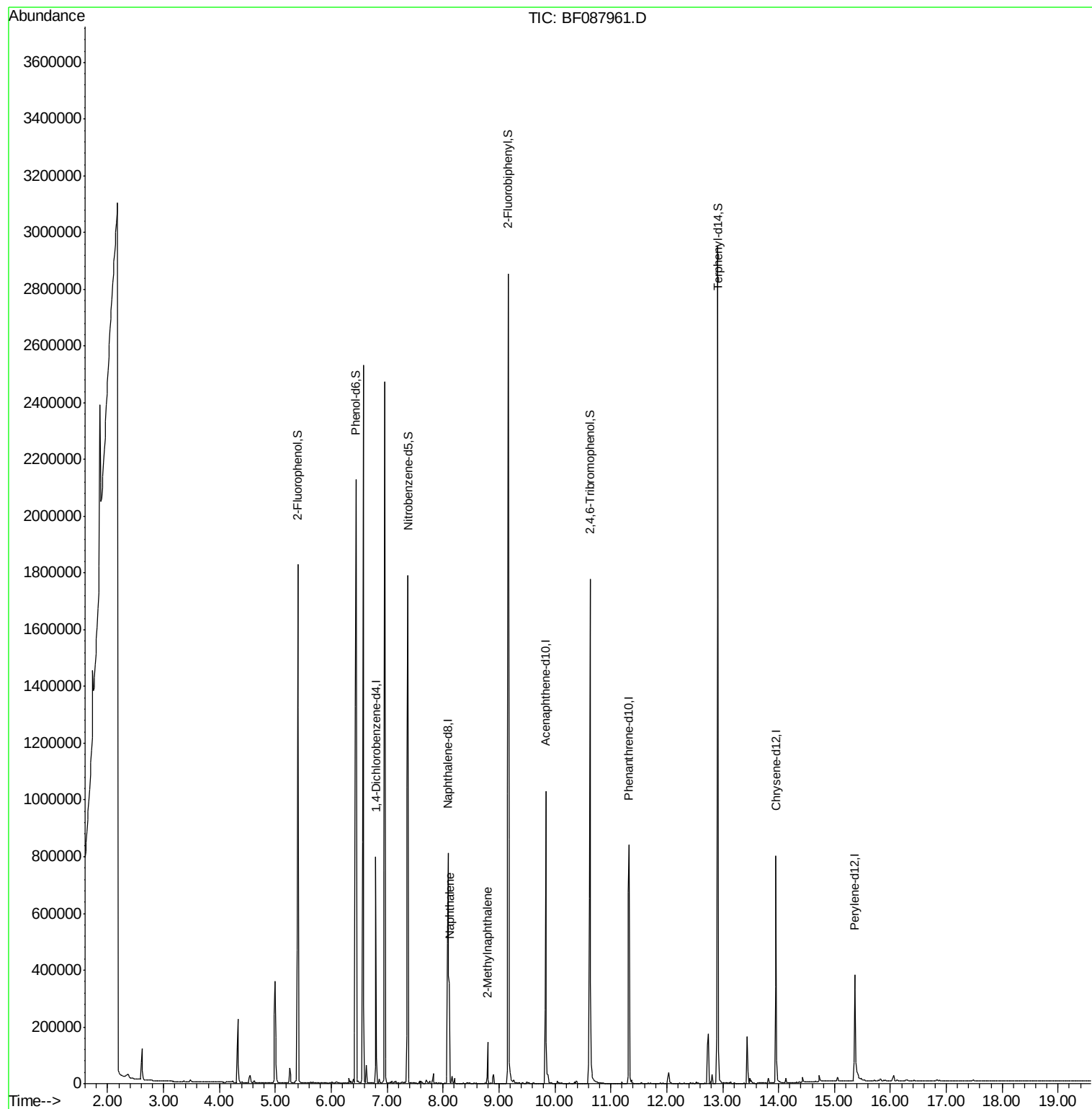
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	112313	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	470787	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	225307	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	439182	20.00	ng	0.00
75) Chrysene-d12	13.95	240	320401	20.00	ng	-0.01
86) Perylene-d12	15.36	264	245122	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	800488	121.84	ng	0.02
7) Phenol-d6	6.44	99	963922	121.06	ng	0.00
23) Nitrobenzene-d5	7.37	82	722824	89.66	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	261179	109.79	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1191902	82.97	ng	-0.01
78) Terphenyl-d14	12.91	244	1104926	78.47	ng	0.00
Target Compounds						
31) Naphthalene	8.11	128	265561	11.40	ng	97
37) 2-Methylnaphthalene	8.80	142	40679	2.65	ng	98

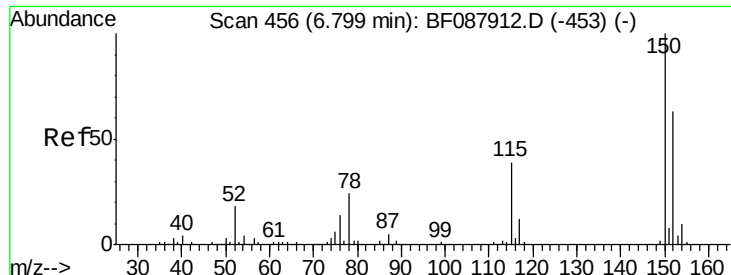
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF087961.D

Acq: 12 Jun 2016 21:29

Instrument :

BNA_F

ClientSampleId :

HF-4-WC-3

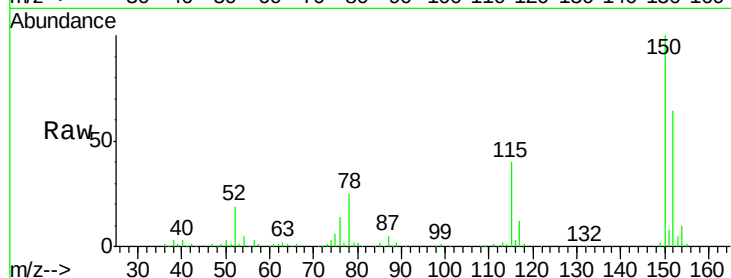
Tot Ion:152 Resp: 112313

Ion Ratio Lower Upper

152 100

150 156.9 123.8 185.6

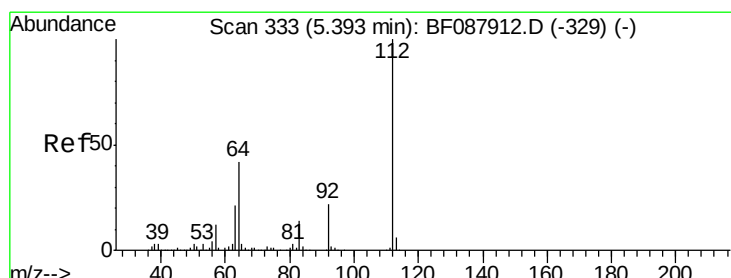
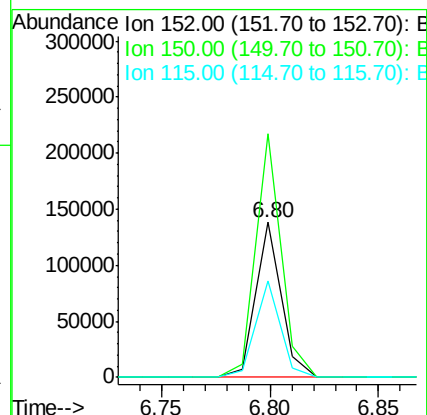
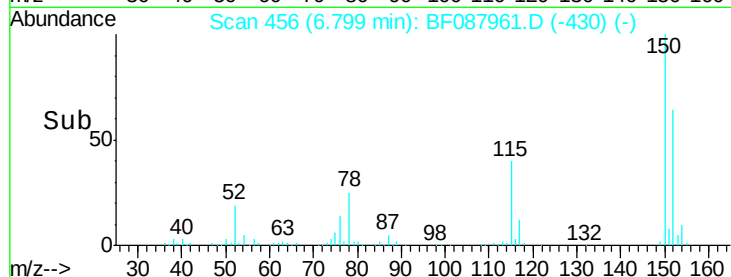
115 62.3 39.6 59.4#



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: 121.84 ng

RT: 5.40 min Scan# 334

Delta R.T. 0.02 min

Lab File: BF087961.D

Acq: 12 Jun 2016 21:29

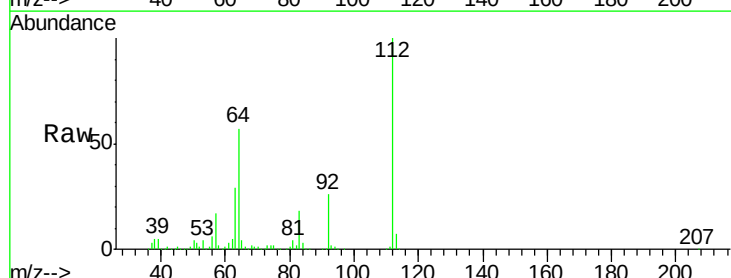
Tgt Ion:112 Resp: 800488

Ion Ratio Lower Upper

112 100

64 57.2 42.2 63.2

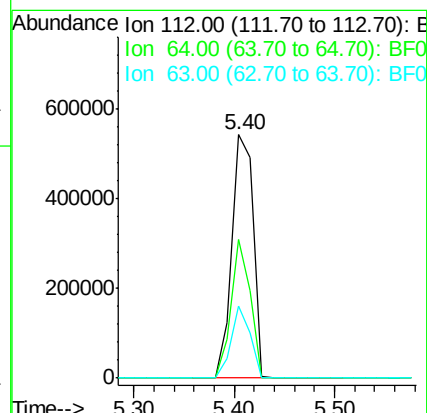
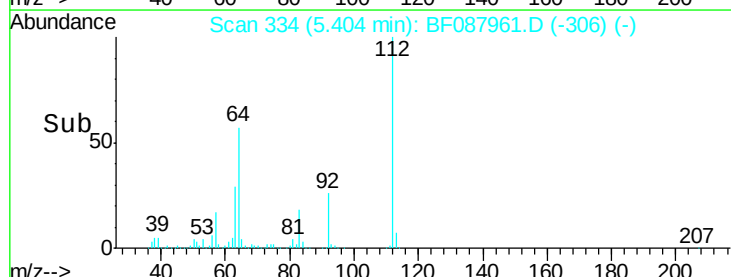
63 29.4 21.8 32.8

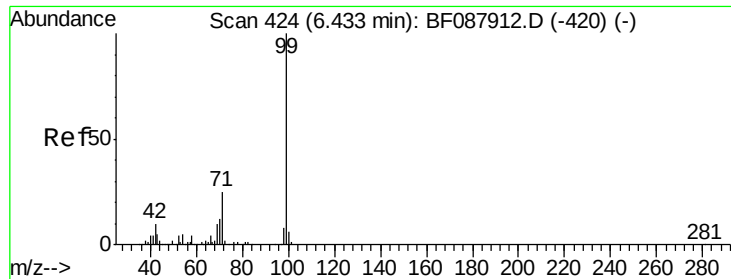


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 121.06 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF087961.D

Acq: 12 Jun 2016 21:29

Instrument :

BNA_F

ClientSampled :

HF-4-WC-3

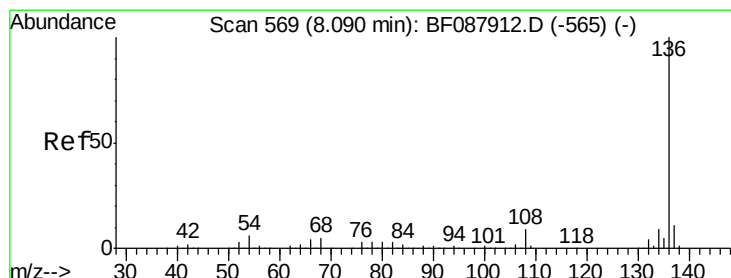
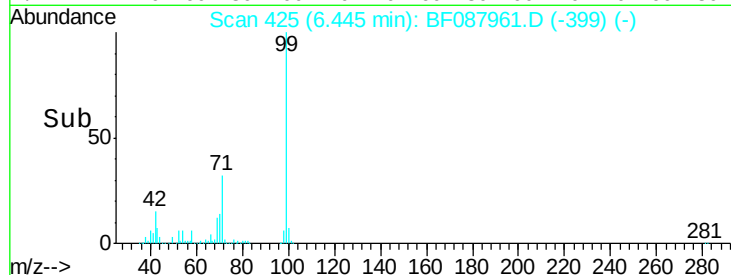
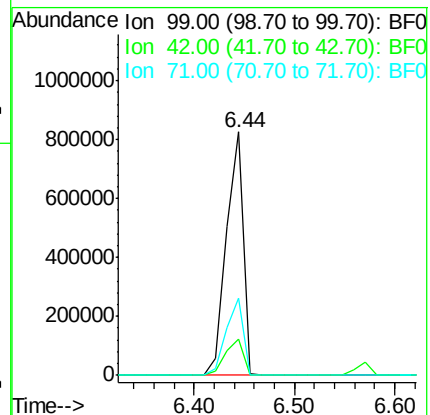
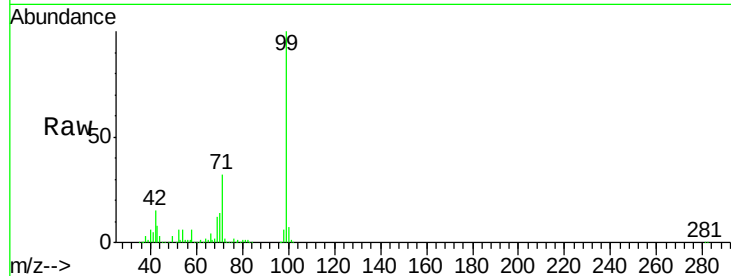
Tot Ion: 99 Resp: 963922

Ion Ratio Lower Upper

99 100

42 14.9 12.2 18.2

71 31.9 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF087961.D

Acq: 12 Jun 2016 21:29

Tgt Ion: 136 Resp: 470787

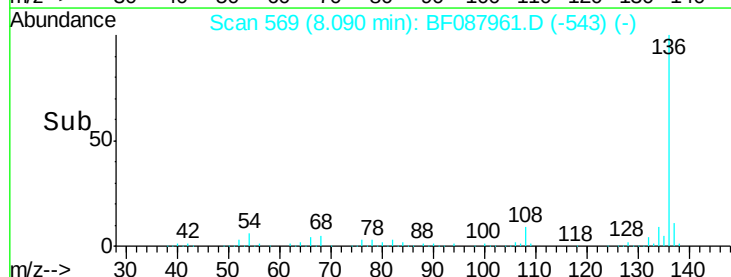
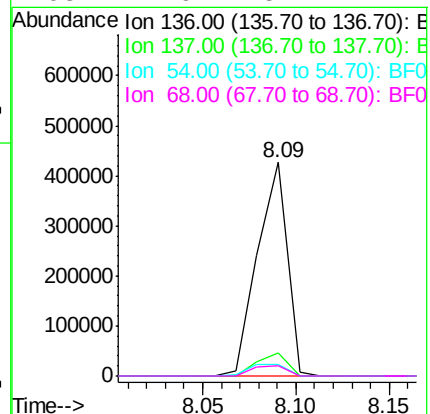
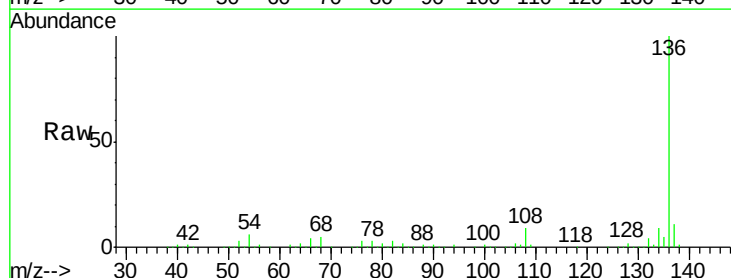
Ion Ratio Lower Upper

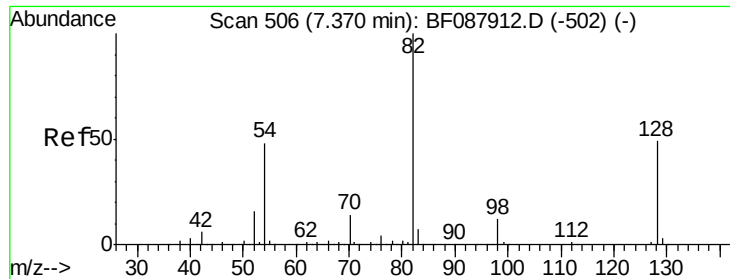
136 100

137 10.7 9.1 13.7

54 5.7 6.6 10.0#

68 4.9 5.1 7.7#

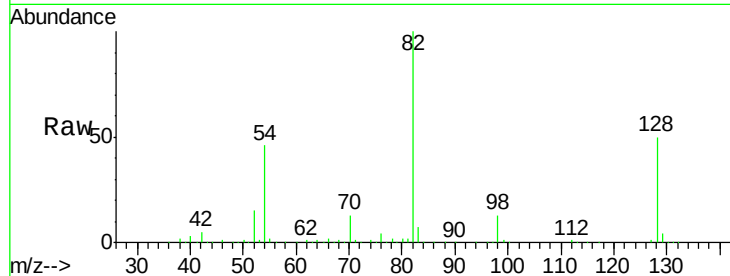




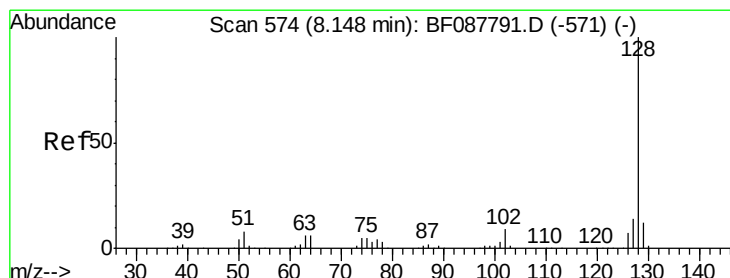
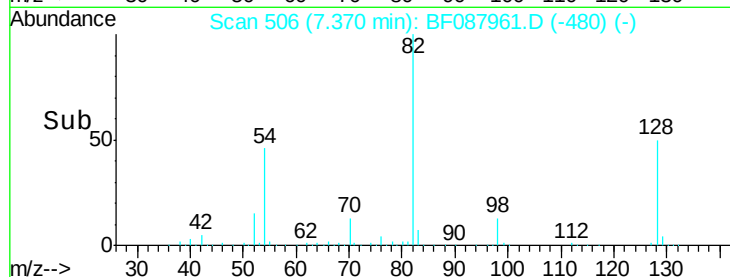
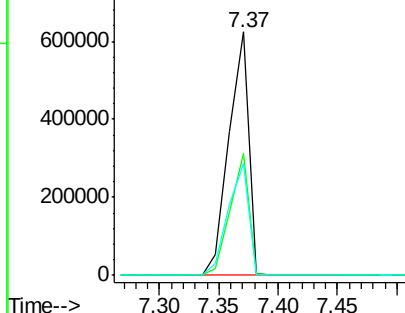
#23
Nitrobenzene-d5
Concen: 89.66 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.00 min
Lab File: BF087961.D
Acq: 12 Jun 2016 21:29

Instrument :
BNA_F
ClientSampleId :
HF-4-WC-3

Tot Ion: 82 Resp: 722824
Ion Ratio Lower Upper
82 100
128 49.9 35.9 53.9
54 46.1 40.9 61.3

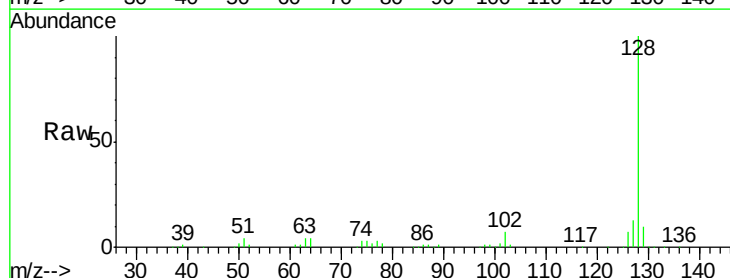


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

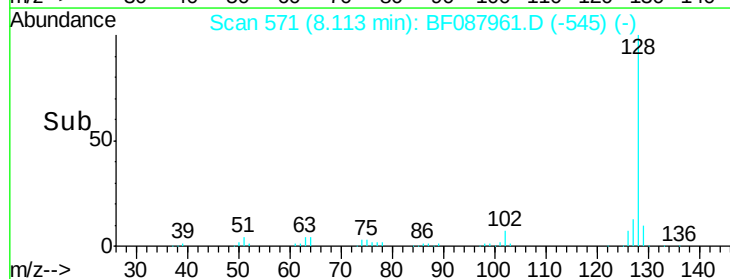
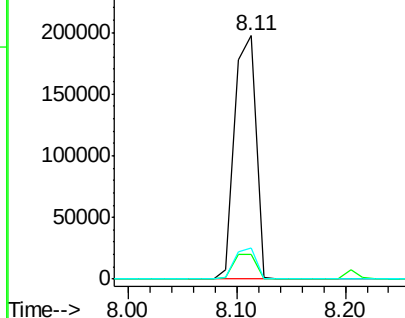


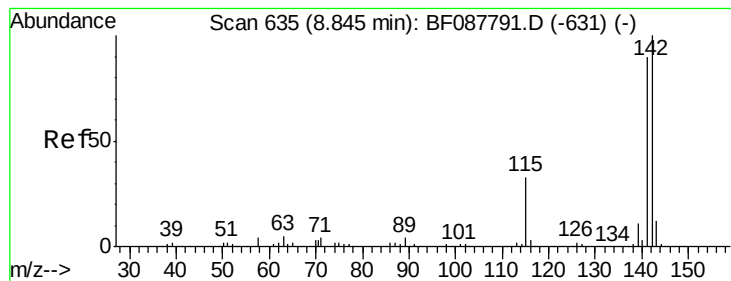
#31
Naphthalene
Concen: 11.40 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.00 min
Lab File: BF087961.D
Acq: 12 Jun 2016 21:29

Tgt Ion: 128 Resp: 265561
Ion Ratio Lower Upper
128 100
129 10.4 9.4 14.2
127 12.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 2.65 ng

RT: 8.80 min Scan# 631

Delta R.T. -0.01 min

Lab File: BF087961.D

Acq: 12 Jun 2016 21:29

Instrument :

BNA_F

ClientSampleId :

HF-4-WC-3

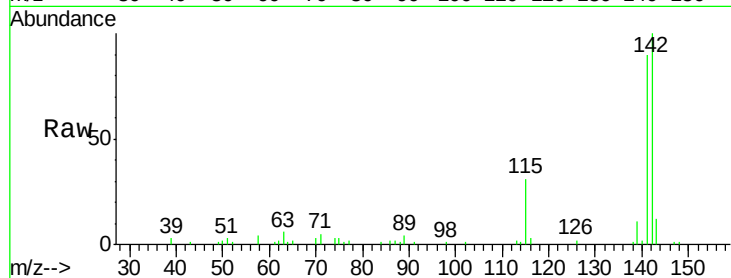
Tot Ion:142 Resp: 40679

Ion Ratio Lower Upper

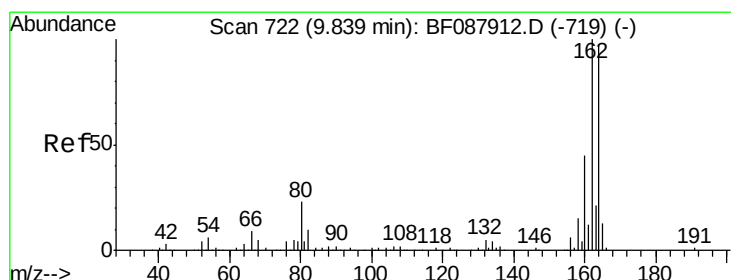
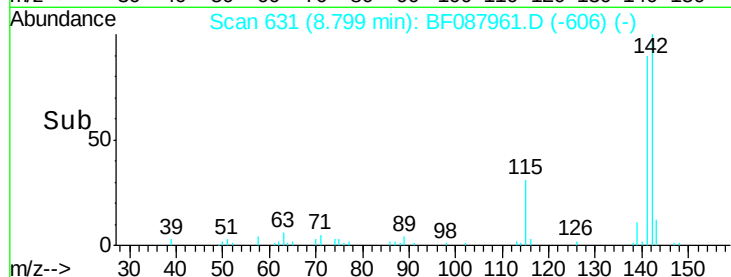
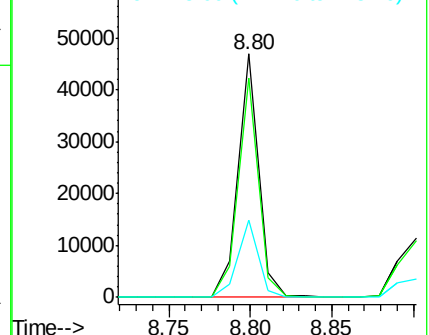
142 100

141 90.0 71.0 106.6

115 31.5 22.6 33.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF087961.D

Acq: 12 Jun 2016 21:29

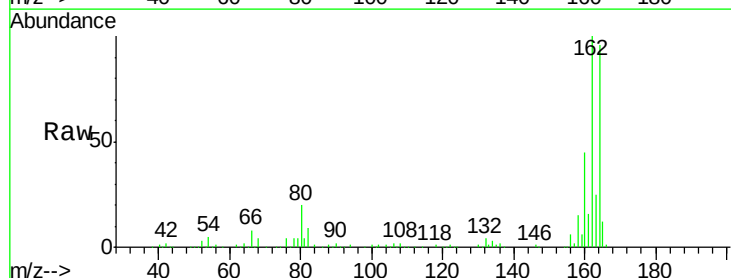
Tgt Ion:164 Resp: 225307

Ion Ratio Lower Upper

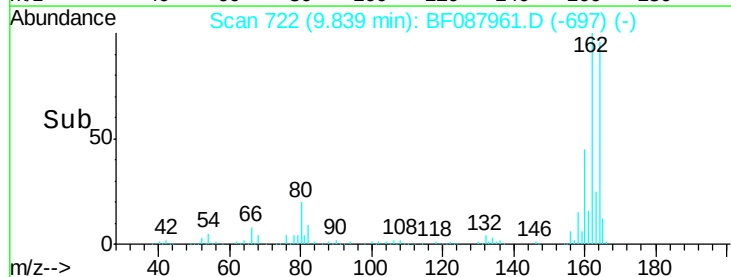
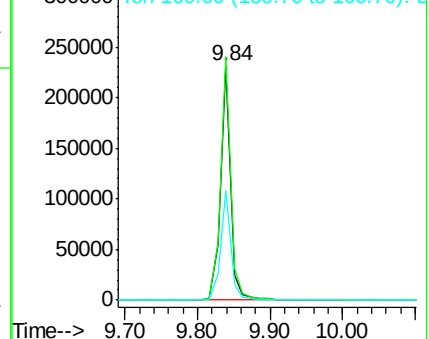
164 100

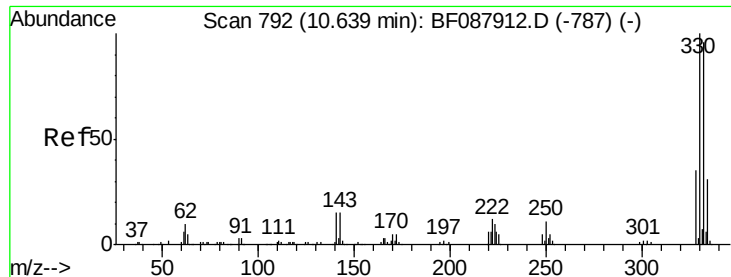
162 104.0 85.4 128.2

160 46.7 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

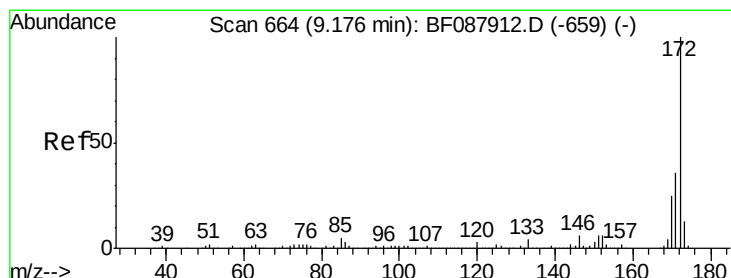
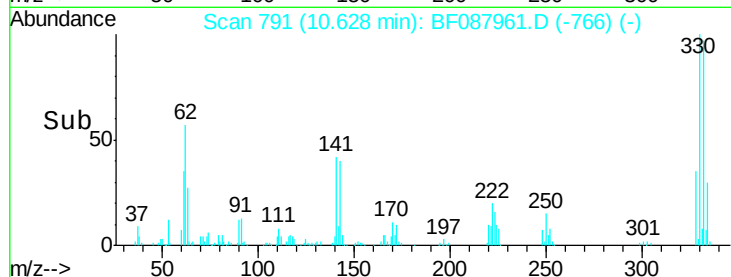
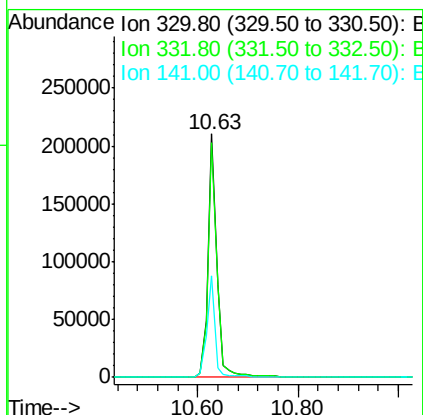
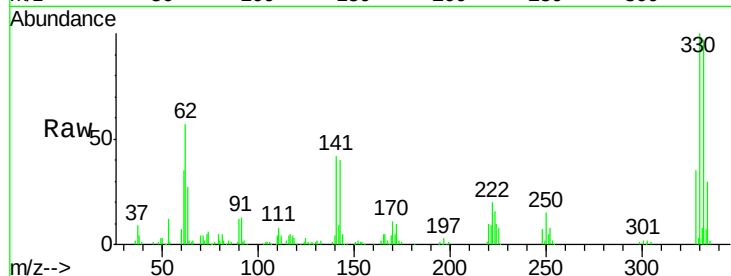




#41
 2,4,6-Tribromophenol
 Concen: 109.79 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF087961.D
 Acq: 12 Jun 2016 21:29

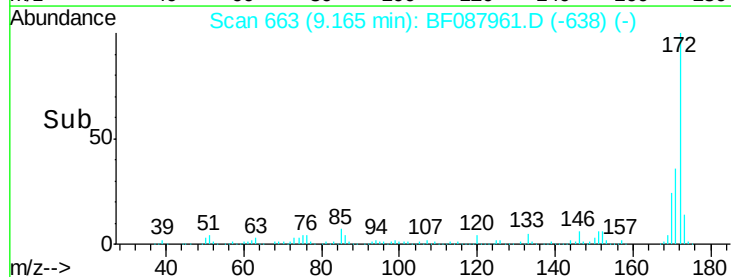
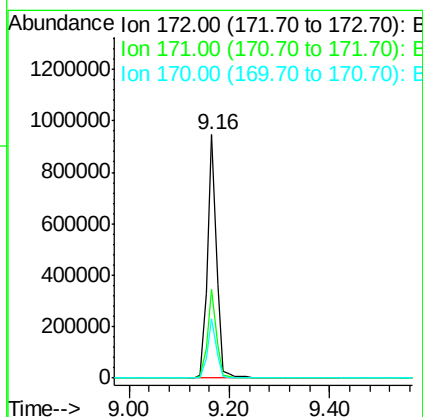
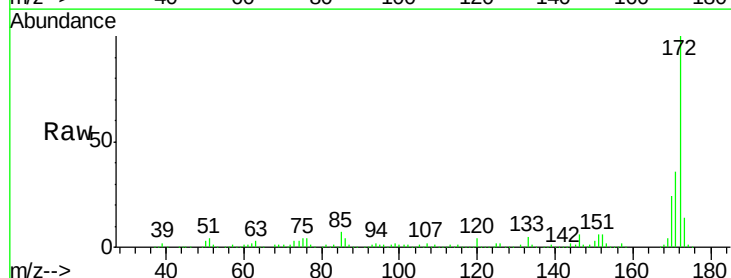
Instrument :
 BNA_F
 ClientSampleId :
 HF-4-WC-3

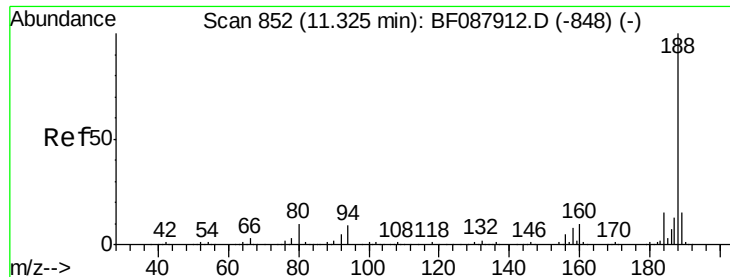
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	38.6	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 82.97 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF087961.D
 Acq: 12 Jun 2016 21:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	24.3	19.2	28.8

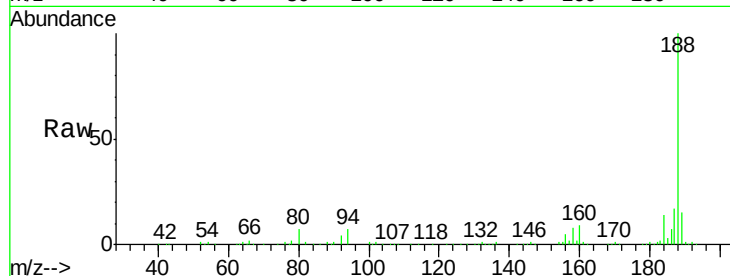




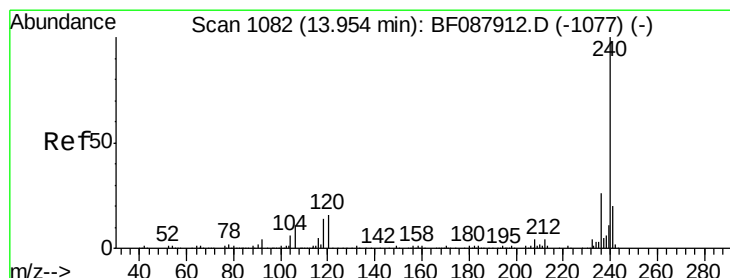
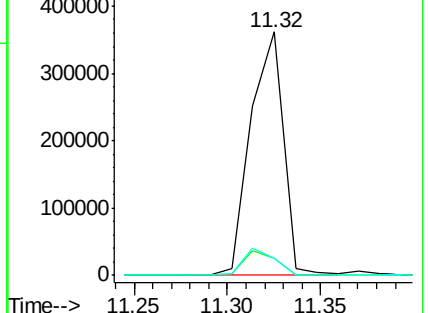
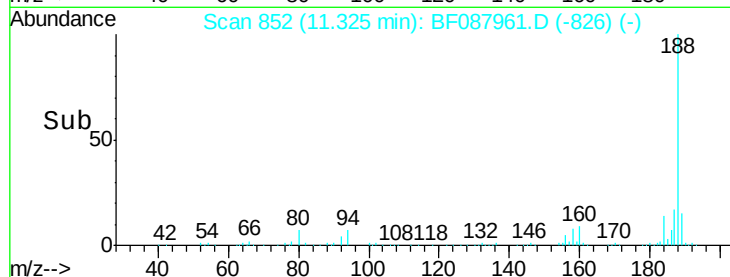
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF087961.D
Acq: 12 Jun 2016 21:29

Instrument :
BNA_F
ClientSampleId :
HF-4-WC-3

Tot Ion:188 Resp: 439182
Ion Ratio Lower Upper
188 100
94 7.0 9.0 13.6#
80 7.0 10.0 15.0#

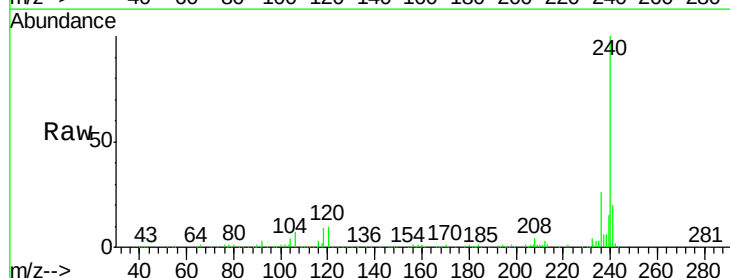


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

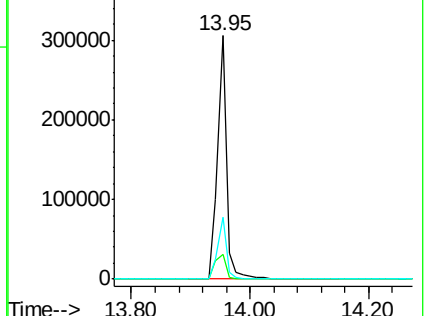
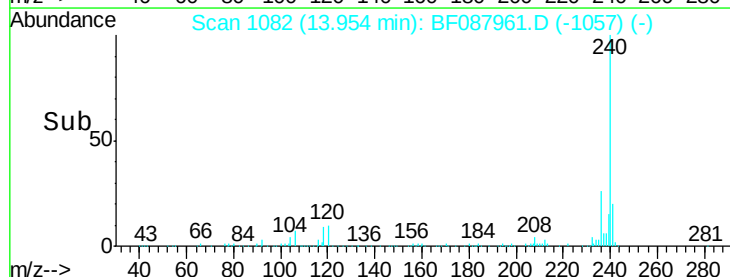


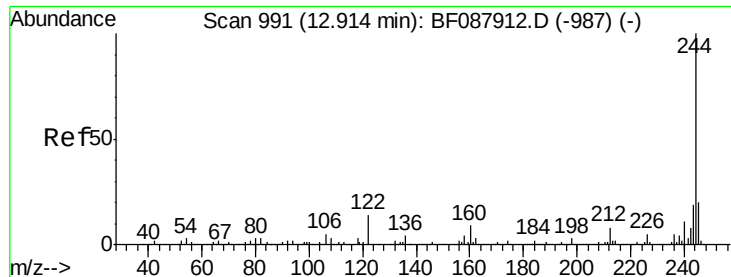
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BF087961.D
Acq: 12 Jun 2016 21:29

Tgt Ion:240 Resp: 320401
Ion Ratio Lower Upper
240 100
120 10.3 6.8 10.2#
236 25.5 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

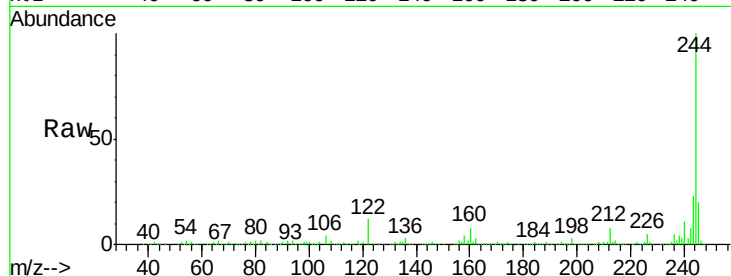




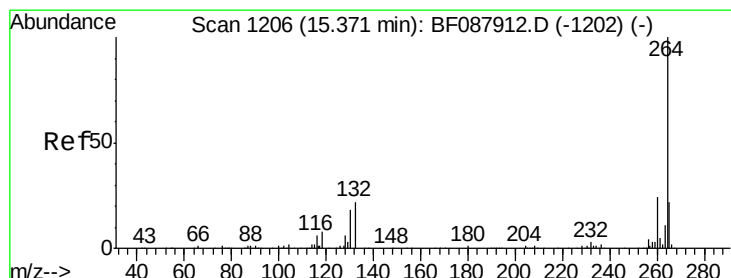
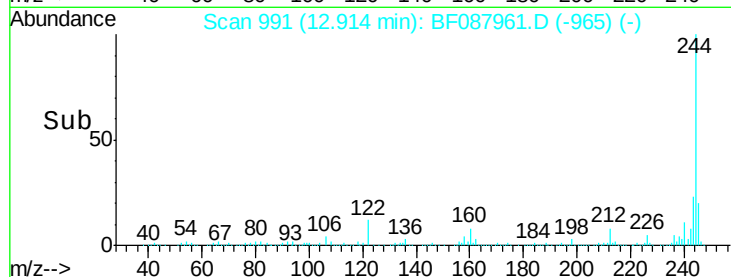
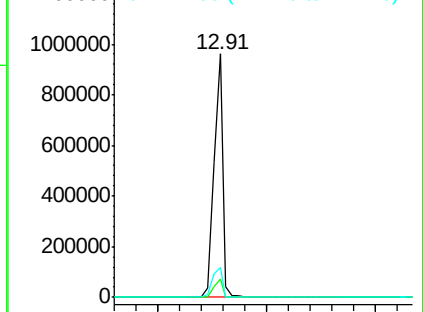
#78
 Terphenyl-d14
 Concen: 78.47 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF087961.D
 Acq: 12 Jun 2016 21:29

Instrument :
 BNA_F
 ClientSampleId :
 HF-4-WC-3

Tot Ion:244 Resp: 1104926
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 12.2 11.2 16.8

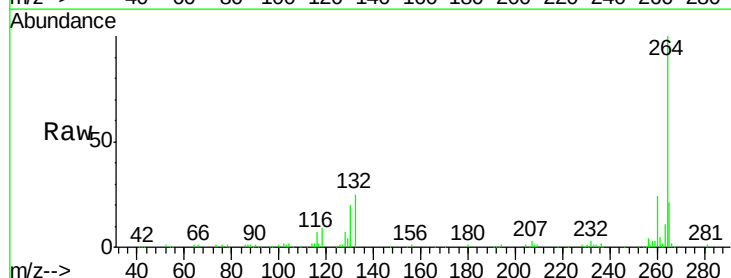


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF087961.D
 Acq: 12 Jun 2016 21:29

Tgt Ion:264 Resp: 245122
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.5 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

