

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
 Data File : BF091499.D
 Acq On : 8 Dec 2016 5:59
 Operator : UM/SJ
 Sample : H5867-09
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-06-01

Quant Time: Dec 08 06:39:17 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 08 00:35:13 2016
 Response via : Initial Calibration

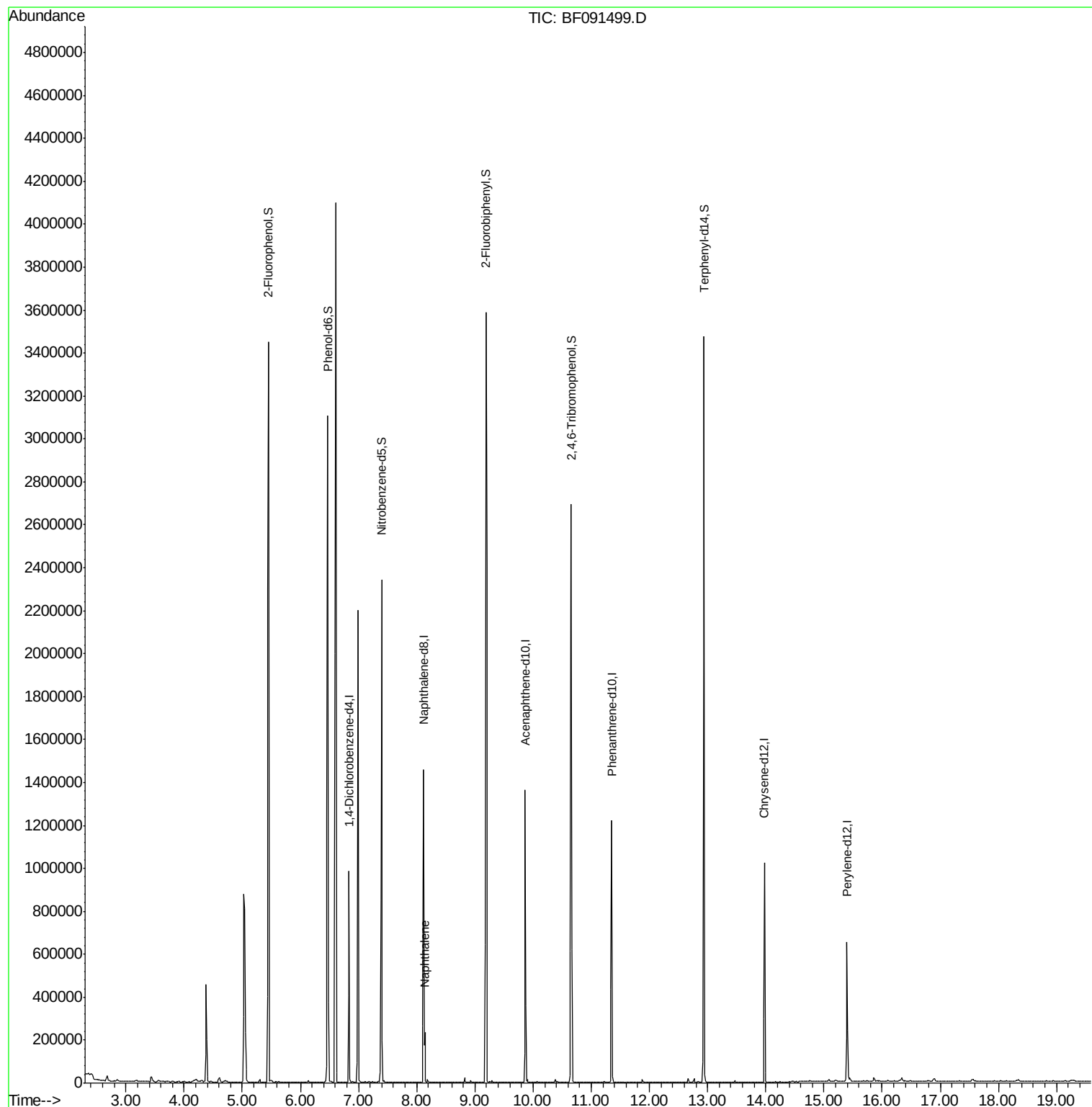
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	159103	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	603442	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	316758	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	497971	20.00	ng	0.00
75) Chrysene-d12	13.98	240	377624	20.00	ng	0.00
86) Perylene-d12	15.40	264	309434	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1080161	110.91	ng	0.02
7) Phenol-d6	6.47	99	1059010	88.33	ng	0.00
23) Nitrobenzene-d5	7.40	82	758418	70.43	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	351381	117.17	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1617646	92.47	ng	-0.01
78) Terphenyl-d14	12.94	244	1370816	78.90	ng	0.00
Target Compounds						
31) Naphthalene	8.14	128	99644	3.47	ng	Qvalue 98

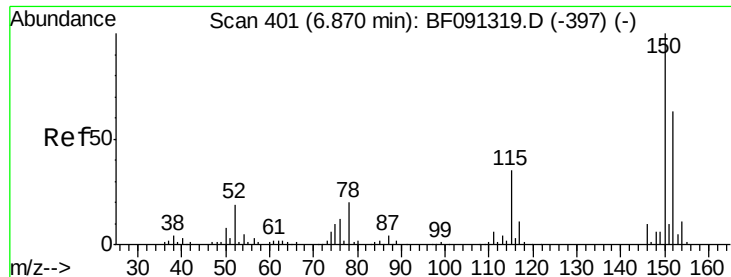
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF091499.D

Acq: 8 Dec 2016 5:59

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-06-01

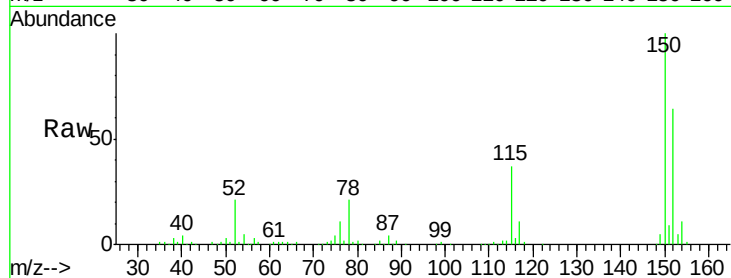
Tot Ion:152 Resp: 159103

Ion Ratio Lower Upper

152 100

150 155.5 122.5 183.7

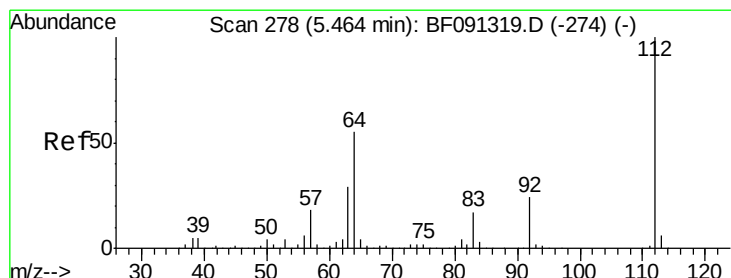
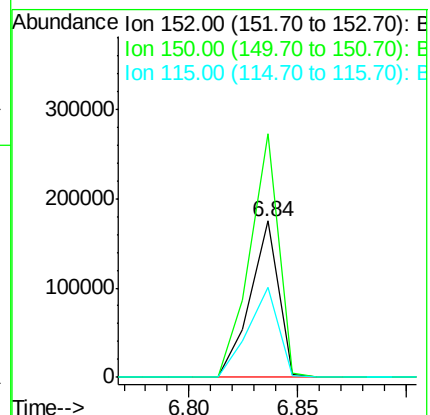
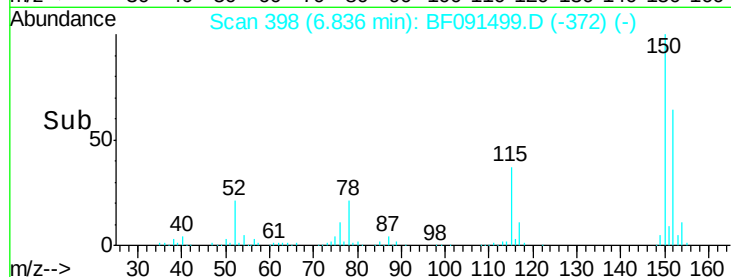
115 57.1 51.8 77.8



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: 110.91 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.02 min

Lab File: BF091499.D

Acq: 8 Dec 2016 5:59

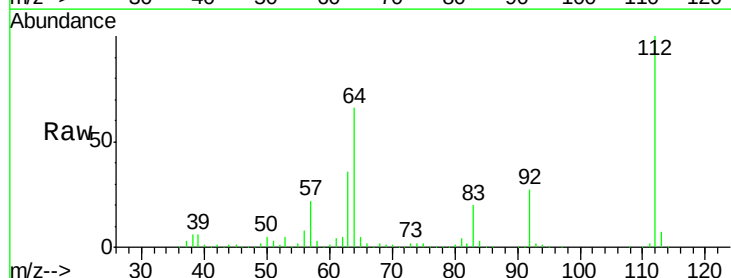
Tgt Ion:112 Resp: 1080161

Ion Ratio Lower Upper

112 100

64 66.5 61.5 92.3

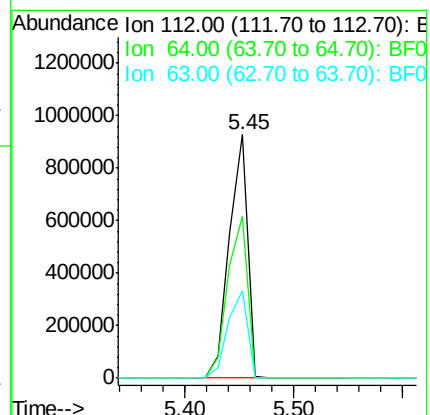
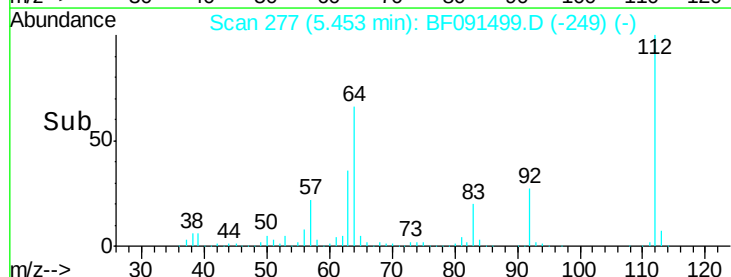
63 35.8 33.3 49.9

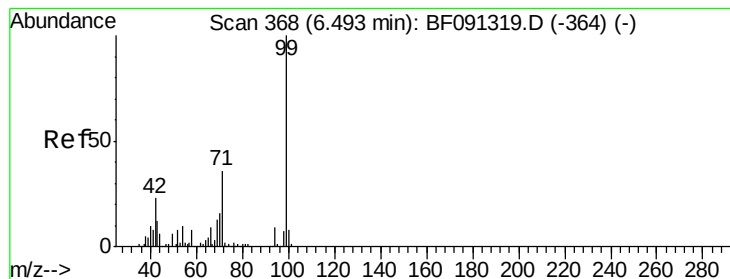


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 88.33 ng

RT: 6.47 min Scan# 366

Delta R.T. 0.00 min

Lab File: BF091499.D

Acq: 8 Dec 2016 5:59

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-06-01

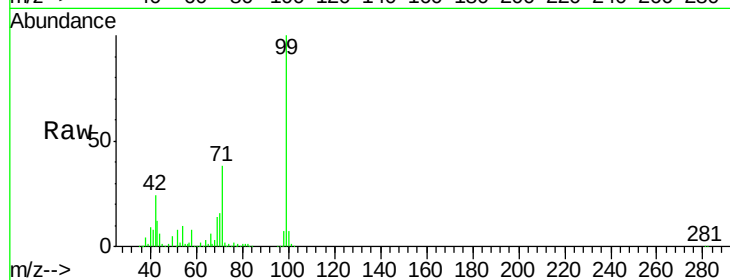
Tot Ion: 99 Resp: 1059010

Ion Ratio Lower Upper

99 100

42 23.6 20.6 31.0

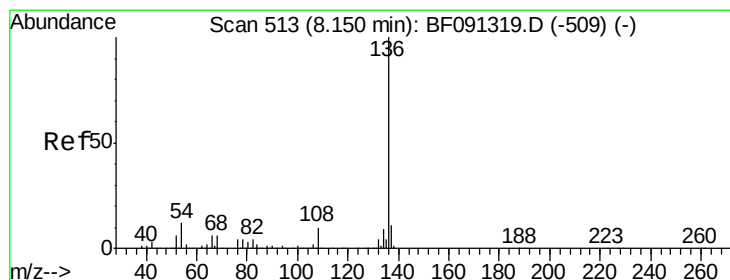
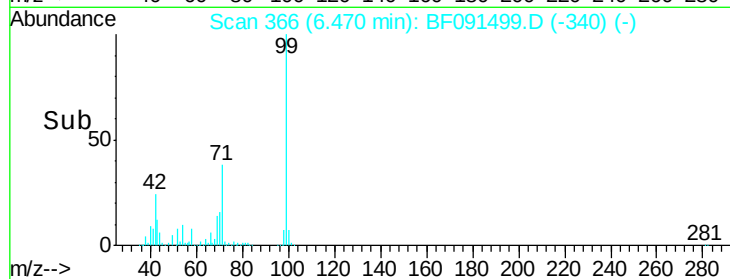
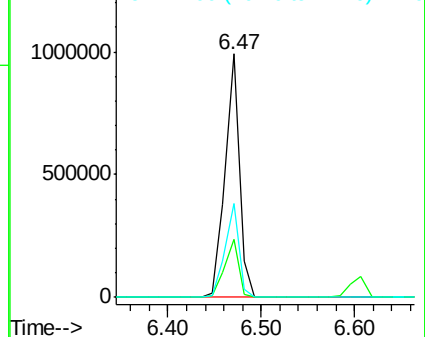
71 38.5 29.9 44.9



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: 8.12 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF091499.D

Acq: 8 Dec 2016 5:59

Tgt Ion: 136 Resp: 603442

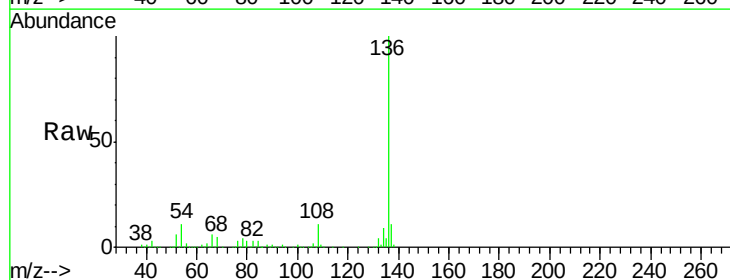
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 10.9 9.1 13.7

68 5.1 5.9 8.9#

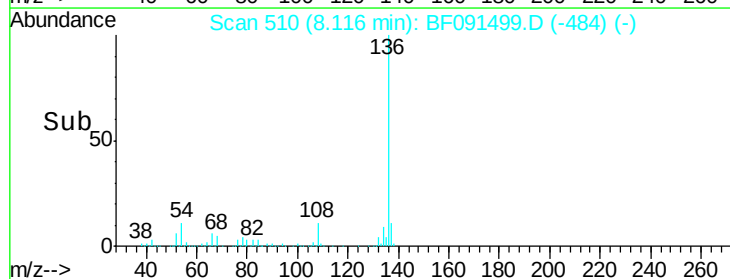
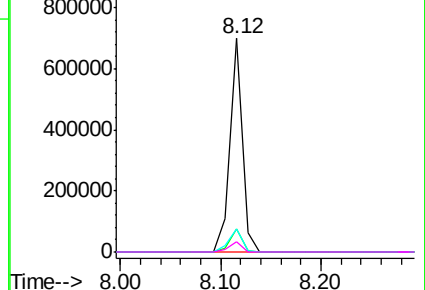


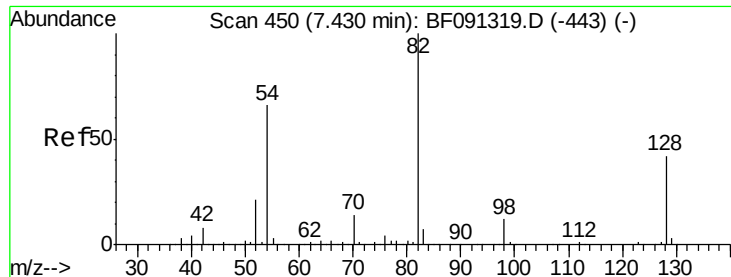
Abundance Ion 136.00 (135.70 to 136.70): E

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

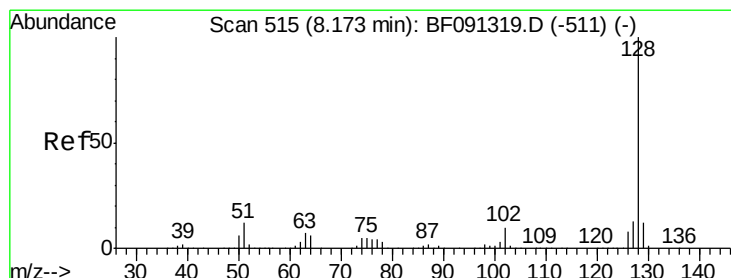
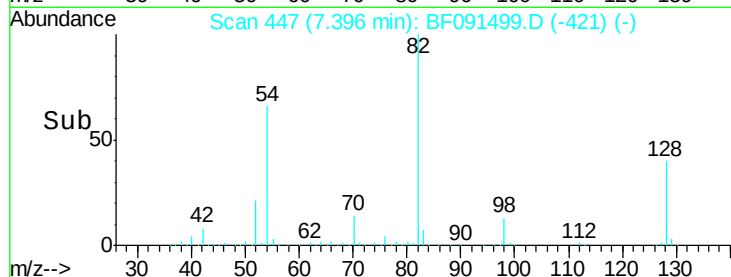
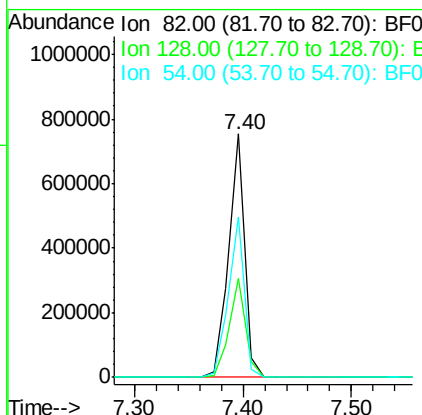
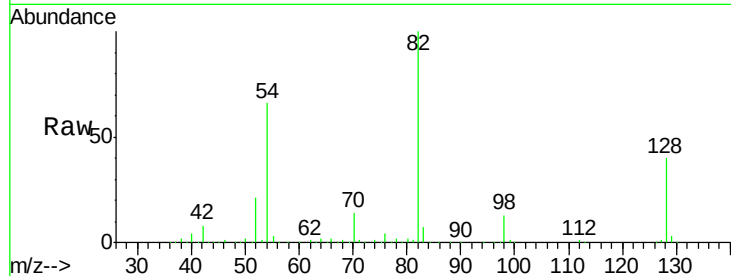




#23
Nitrobenzene-d5
Concen: 70.43 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF091499.D
Acq: 8 Dec 2016 5:59

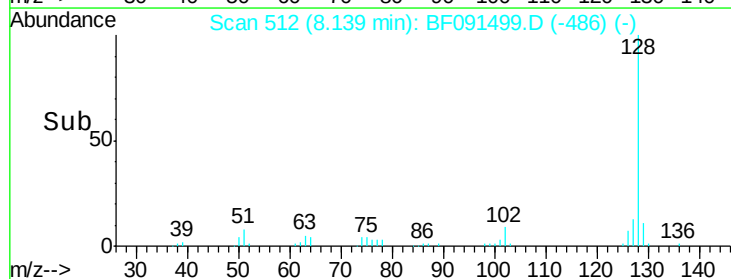
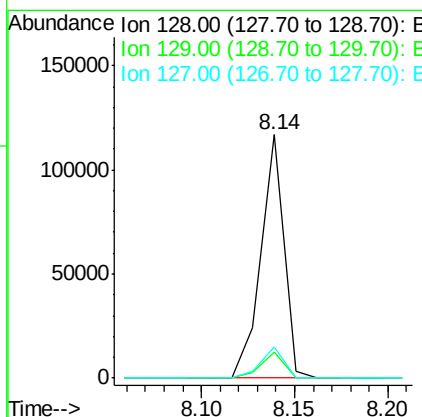
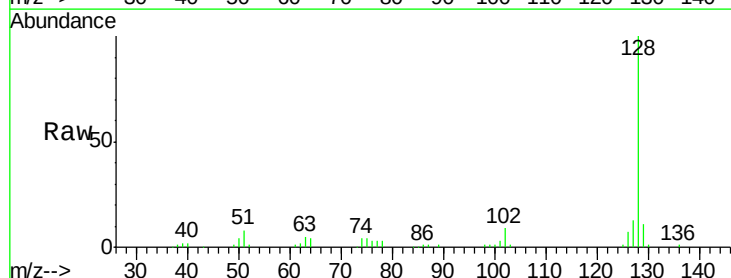
Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-06-01

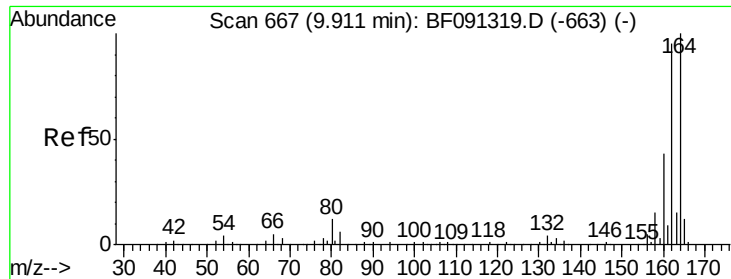
Tot Ion: 82 Resp: 758418
Ion Ratio Lower Upper
82 100
128 40.5 31.8 47.6
54 66.1 49.1 73.7



#31
Naphthalene
Concen: 3.47 ng
RT: 8.14 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF091499.D
Acq: 8 Dec 2016 5:59

Tgt Ion: 128 Resp: 99644
Ion Ratio Lower Upper
128 100
129 10.7 9.1 13.7
127 12.7 11.0 16.4

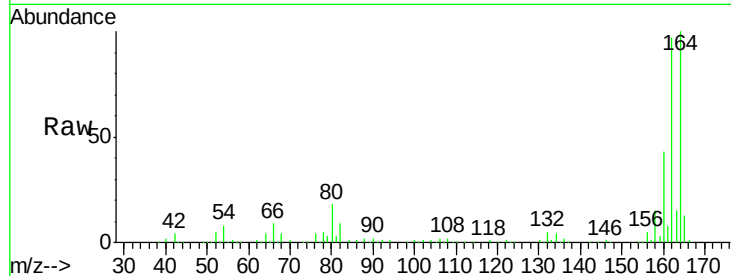




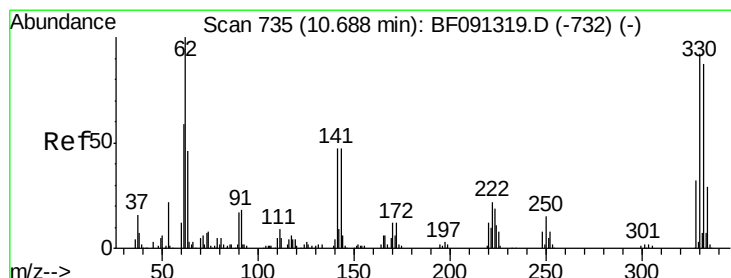
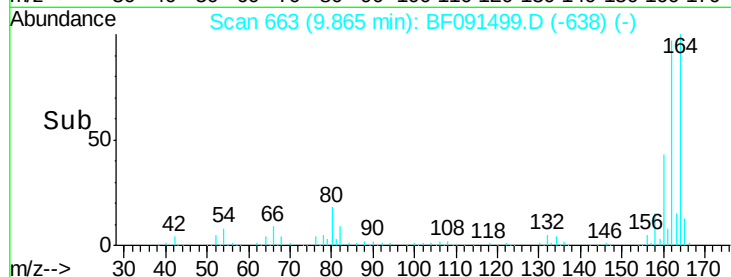
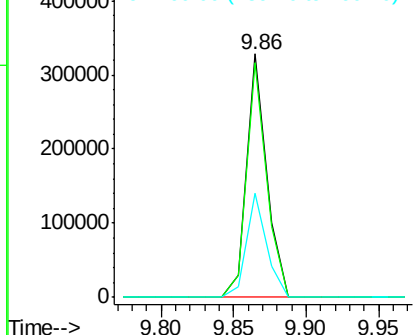
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF091499.D
 Acq: 8 Dec 2016 5:59

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-06-01

Tot Ion:164 Resp: 316758
 Ion Ratio Lower Upper
 164 100
 162 96.5 82.6 124.0
 160 42.7 36.7 55.1

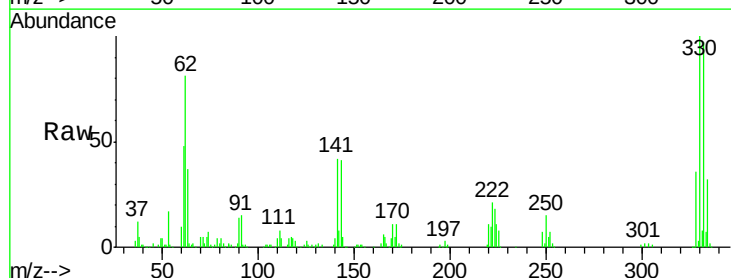


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

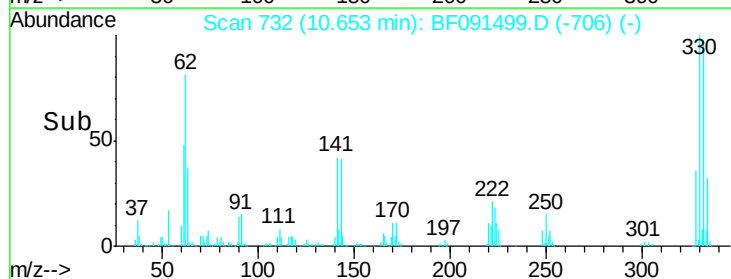
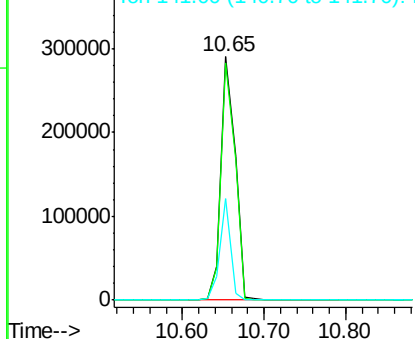


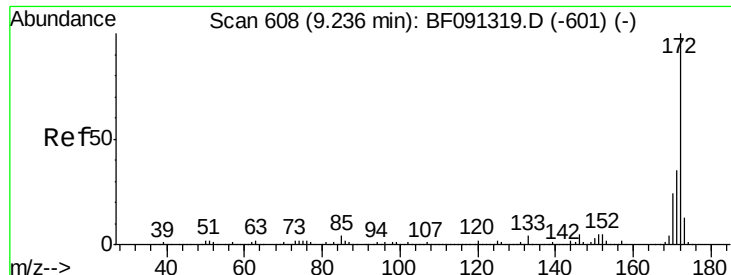
#41
 2,4,6-Tribromophenol
 Concen: 117.17 ng
 RT: 10.65 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF091499.D
 Acq: 8 Dec 2016 5:59

Tgt Ion:330 Resp: 351381
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.2 114.4
 141 31.0 33.6 50.4#



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

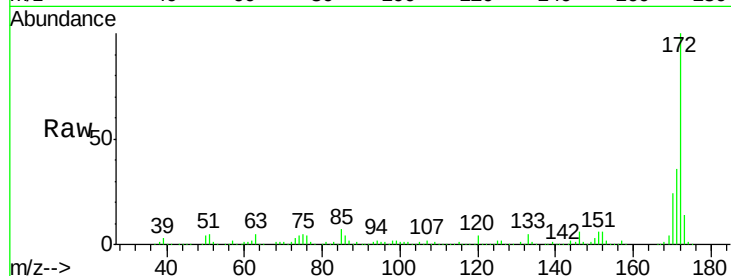




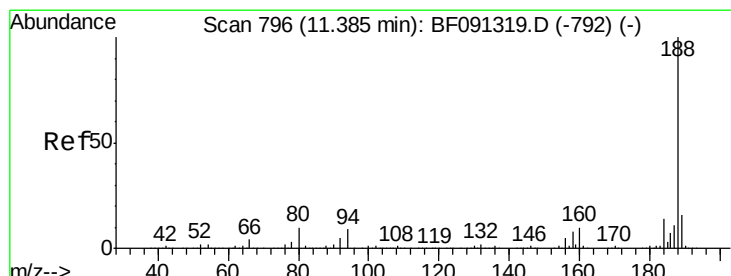
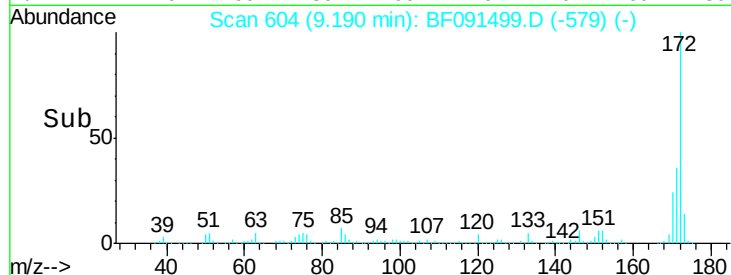
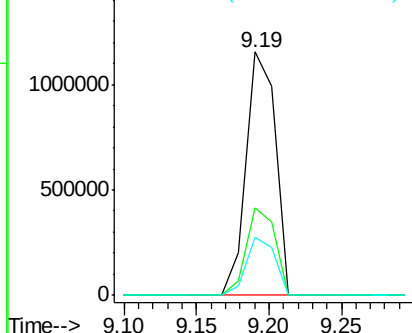
#44
2-Fluorobiphenyl
Concen: 92.47 ng
RT: 9.19 min Scan# 604
Delta R.T. -0.01 min
Lab File: BF091499.D
Acq: 8 Dec 2016 5:59

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-06-01

Tot Ion:172 Resp: 1617646
Ion Ratio Lower Upper
172 100
171 36.0 29.4 44.0
170 23.9 19.7 29.5

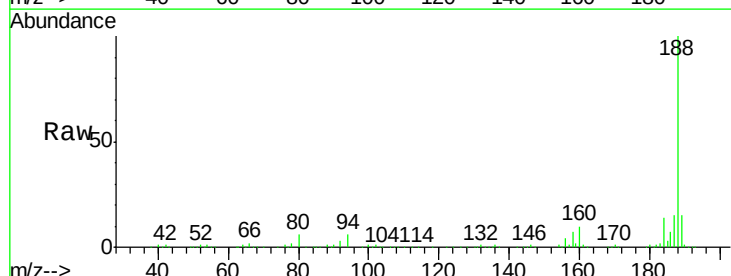


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

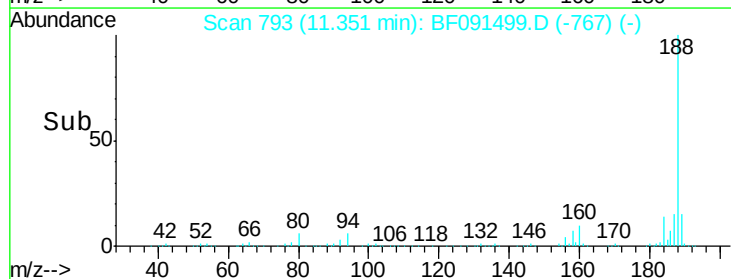
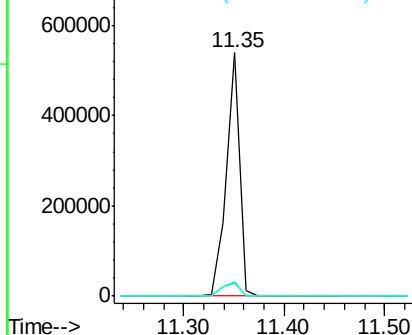


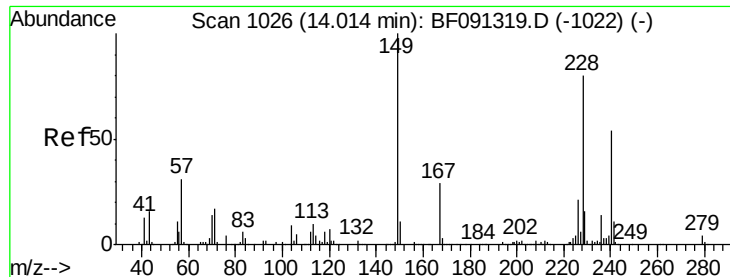
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF091499.D
Acq: 8 Dec 2016 5:59

Tgt Ion:188 Resp: 497971
Ion Ratio Lower Upper
188 100
94 5.5 9.2 13.8#
80 6.1 10.5 15.7#



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: 13.98 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF091499.D

Acq: 8 Dec 2016 5:59

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-06-01

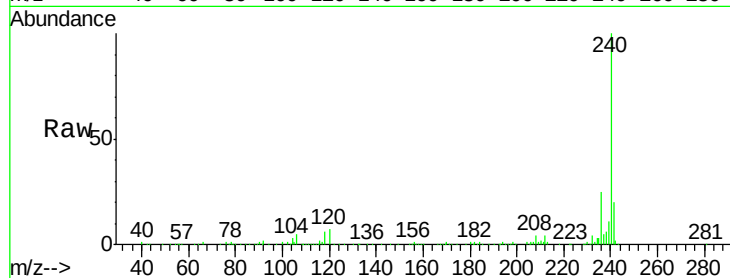
Tot Ion:240 Resp: 377624

Ion Ratio Lower Upper

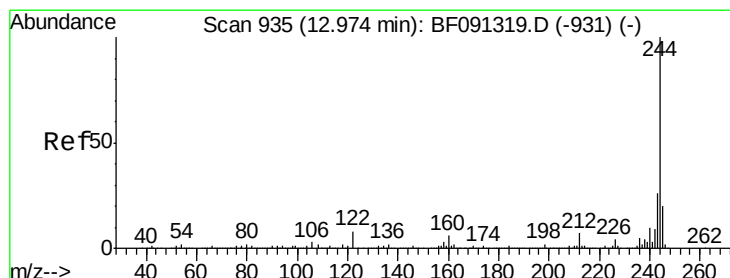
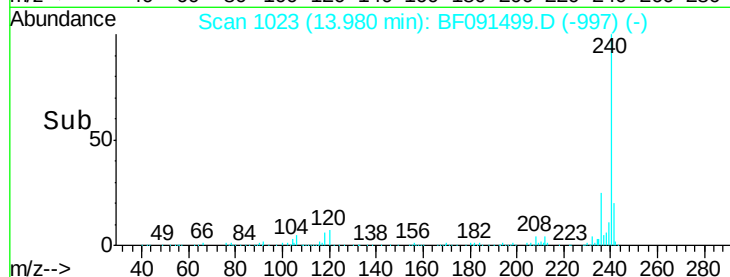
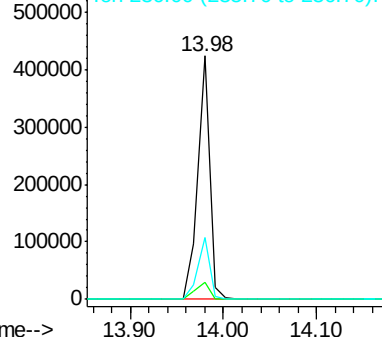
240 100

120 6.9 12.1 18.1#

236 25.1 21.0 31.6



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: 78.90 ng

RT: 12.94 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF091499.D

Acq: 8 Dec 2016 5:59

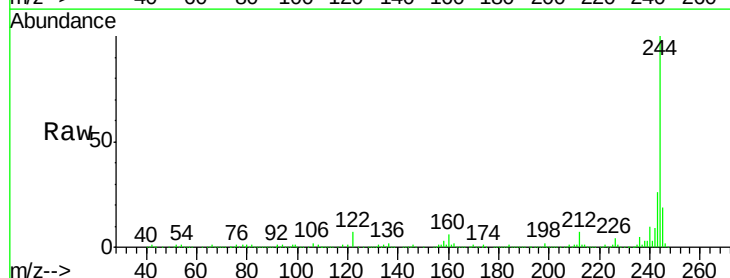
Tgt Ion:244 Resp: 1370816

Ion Ratio Lower Upper

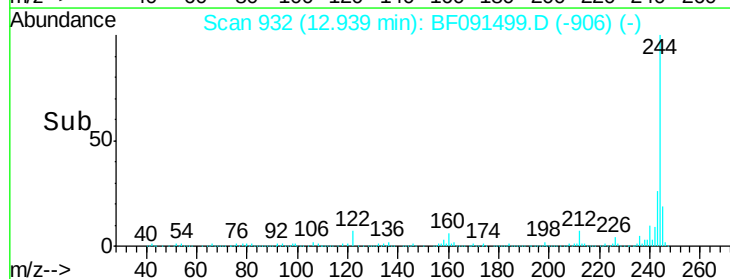
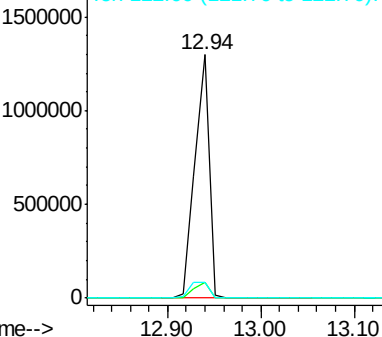
244 100

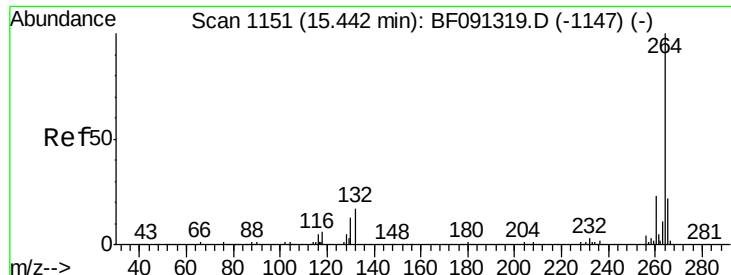
212 6.6 6.5 9.7

122 6.7 9.5 14.3#



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

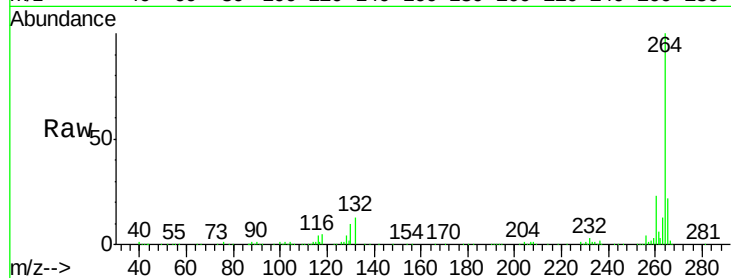




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF091499.D
 Acq: 8 Dec 2016 5:59

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-06-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.8	28.2
265	21.6	17.0	25.6

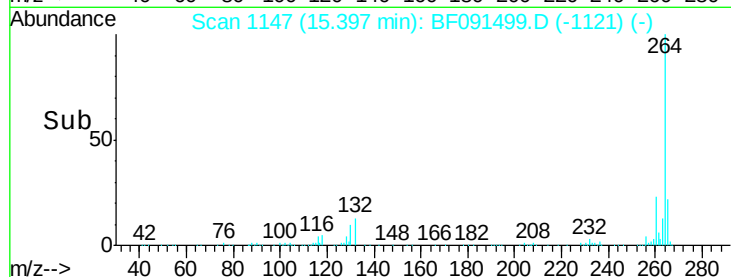
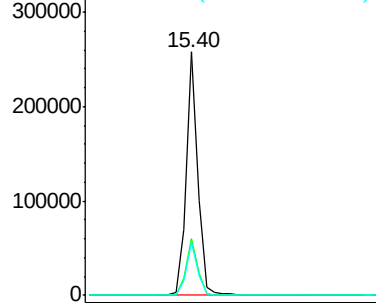


Abundance

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



Time-->