

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061116\
 Data File : BF087915.D
 Acq On : 11 Jun 2016 21:31
 Operator : UM/SJ
 Sample : H3346-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-201605A

Quant Time: Jun 12 05:43:54 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	169139	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	714650	20.00	ng	-0.03
38) Acenaphthene-d10	9.84	164	329011	20.00	ng	-0.05
63) Phenanthrene-d10	11.32	188	658843	20.00	ng	-0.03
75) Chrysene-d12	13.95	240	579922	20.00	ng	-0.03
86) Perylene-d12	15.37	264	494004	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	664	0.07	ng	-0.05
7) Phenol-d6	6.42	99	5429	0.45	ng	-0.06
23) Nitrobenzene-d5	7.37	82	796505	65.08	ng	-0.05
41) 2,4,6-Tribromophenol	10.63	330	213	0.06	ng	-0.05
44) 2-Fluorobiphenyl	9.18	172	1538042	72.63	ng	-0.03
78) Terphenyl-d14	12.91	244	1467035	57.56	ng	-0.03

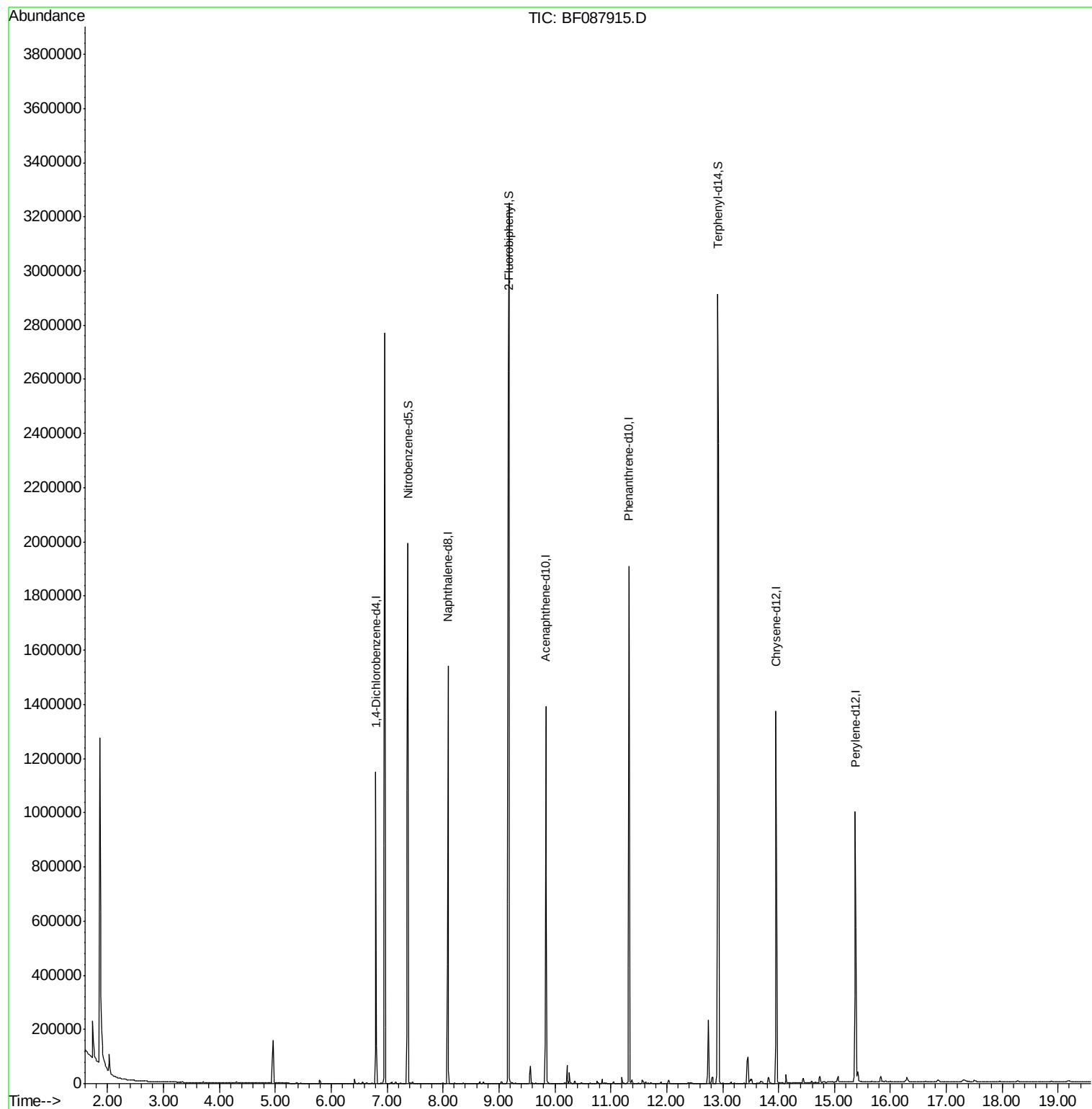
Target Compounds	Qvalue
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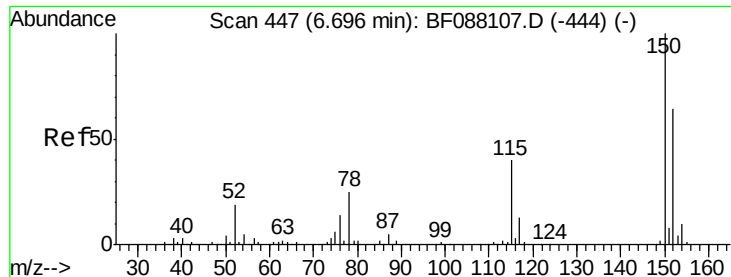
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.05 min

Lab File: BF087915.D

Acq: 11 Jun 2016 21:31

Instrument :

BNA_F

ClientSampleId :

WC-201605A

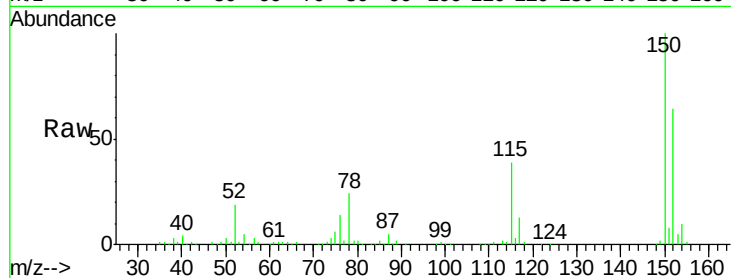
Tgt Ion:152 Resp: 169139

Ion Ratio Lower Upper

152 100

150 155.3 123.8 185.6

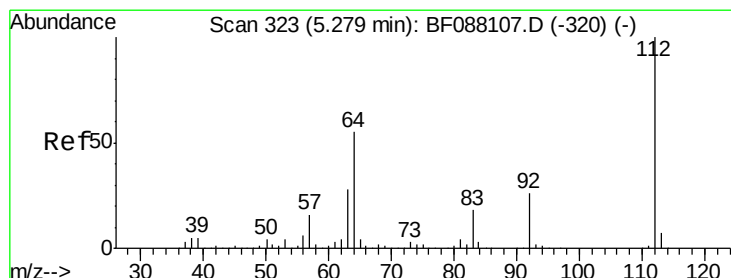
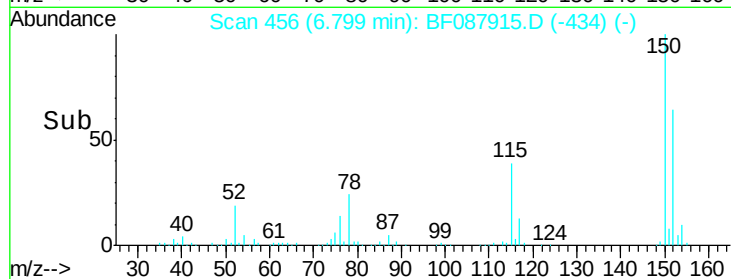
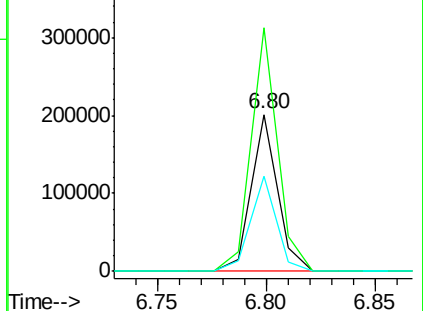
115 60.9 39.6 59.4#



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: 0.07 ng

RT: 5.38 min Scan# 332

Delta R.T. -0.05 min

Lab File: BF087915.D

Acq: 11 Jun 2016 21:31

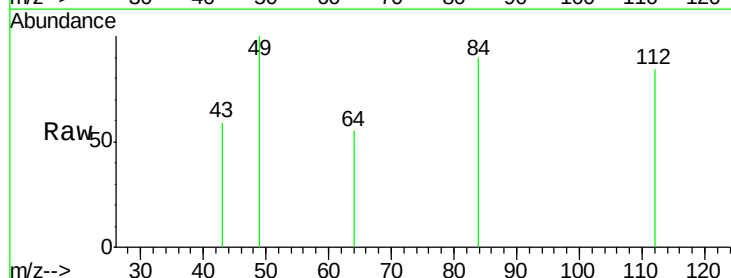
Tgt Ion:112 Resp: 664

Ion Ratio Lower Upper

112 100

64 65.6 42.2 63.2#

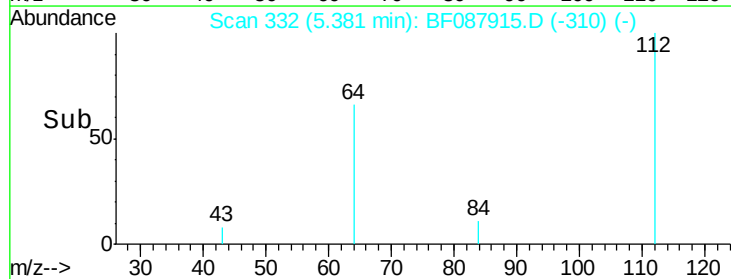
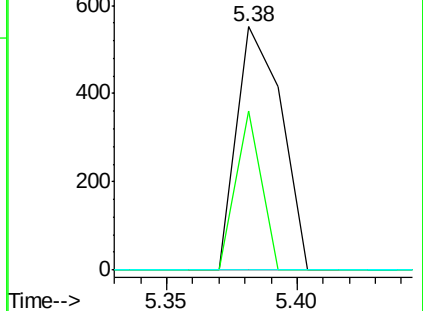
63 0.0 21.8 32.8#

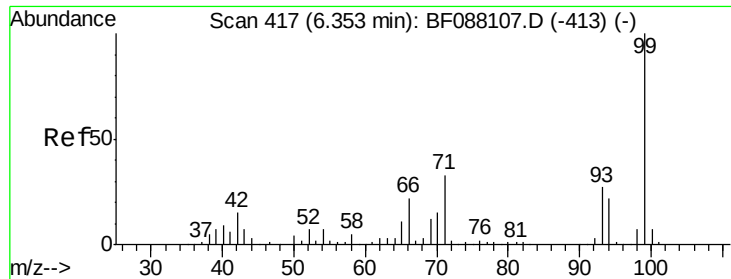


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 0.45 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.06 min

Lab File: BF087915.D

Acq: 11 Jun 2016 21:31

Instrument :

BNA_F

ClientSampleId :

WC-201605A

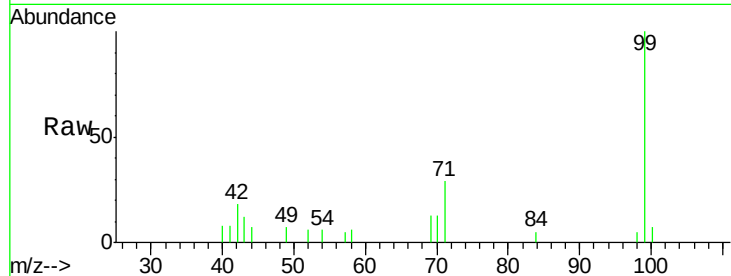
Tgt Ion: 99 Resp: 5429

Ion Ratio Lower Upper

99 100

42 17.8 12.2 18.2

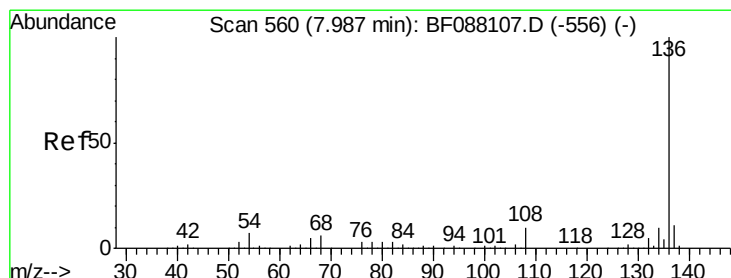
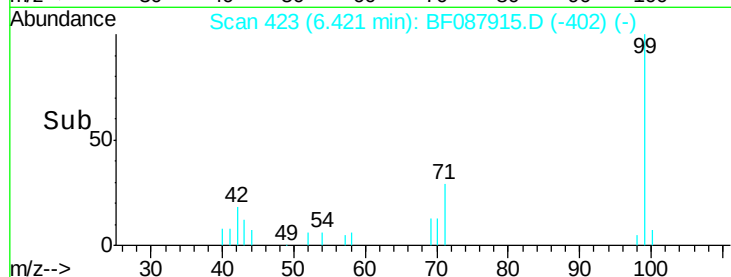
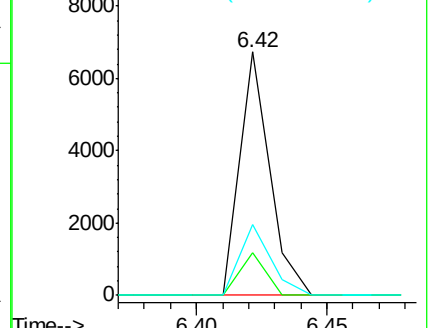
71 29.3 23.4 35.0



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: 8.09 min Scan# 569

Delta R.T. -0.03 min

Lab File: BF087915.D

Acq: 11 Jun 2016 21:31

Tgt Ion: 136 Resp: 714650

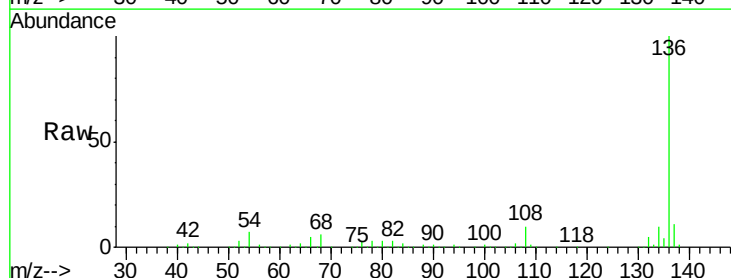
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 6.8 6.6 10.0

68 5.8 5.1 7.7

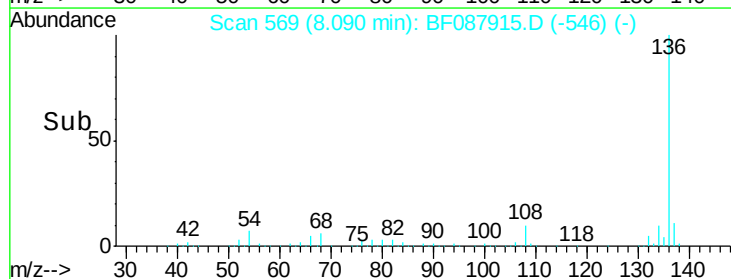
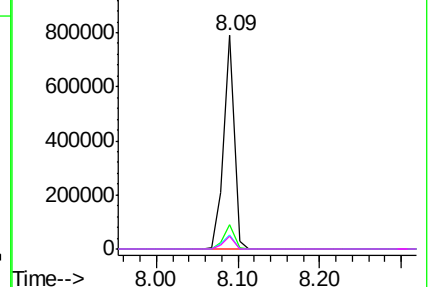


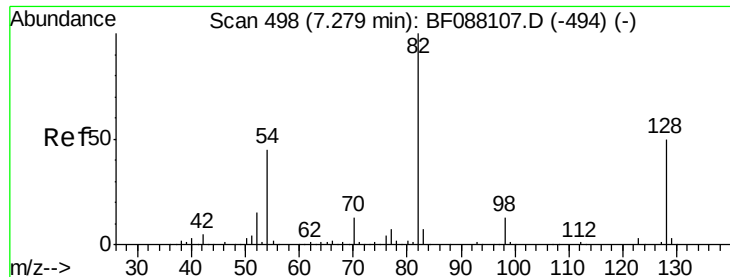
Abundance Ion 136.00 (135.70 to 136.70): E

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

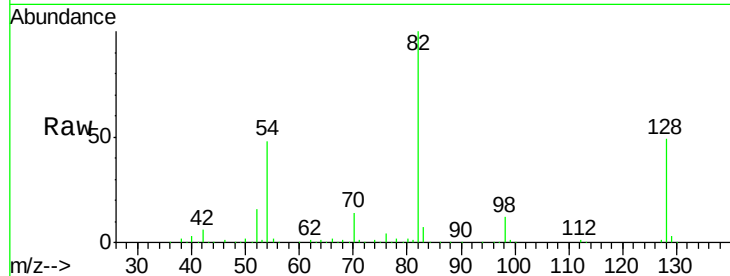




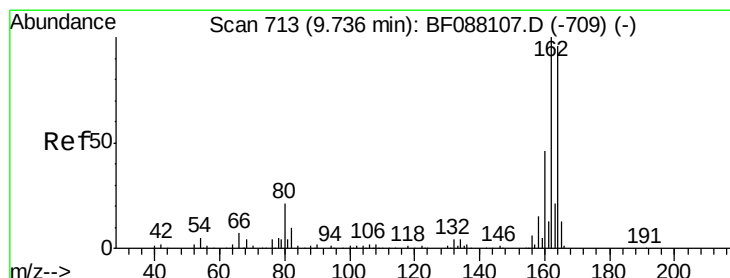
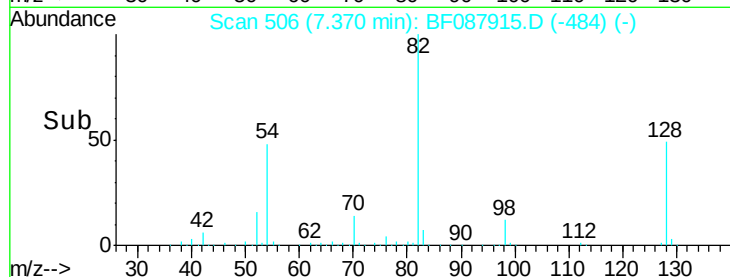
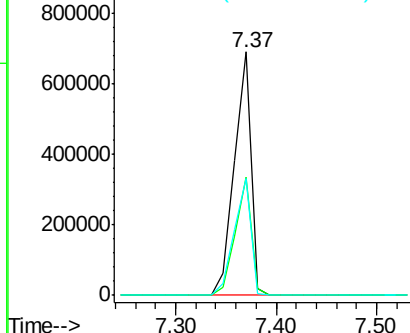
#23
Nitrobenzene-d5
Concen: 65.08 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.05 min
Lab File: BF087915.D
Acq: 11 Jun 2016 21:31

Instrument :
BNA_F
ClientSampleId :
WC-201605A

Tgt Ion: 82 Resp: 796505
Ion Ratio Lower Upper
82 100
128 48.7 35.9 53.9
54 48.2 40.9 61.3

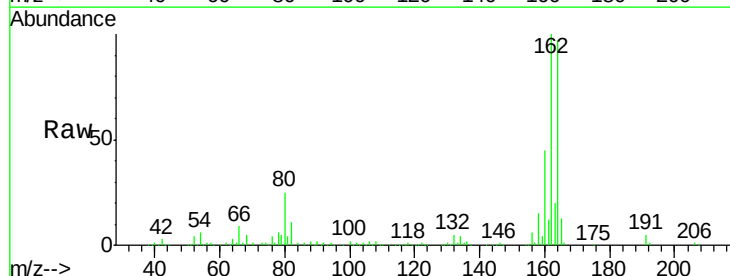


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

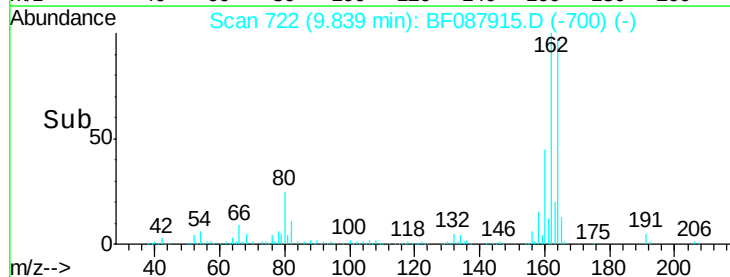
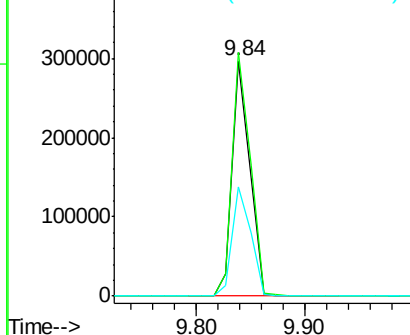


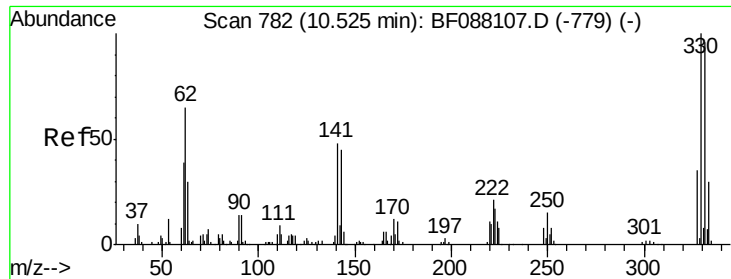
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.05 min
Lab File: BF087915.D
Acq: 11 Jun 2016 21:31

Tgt Ion: 164 Resp: 329011
Ion Ratio Lower Upper
164 100
162 103.6 85.4 128.2
160 46.6 39.5 59.3



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

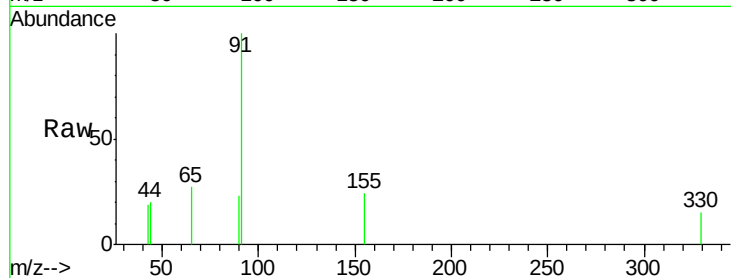




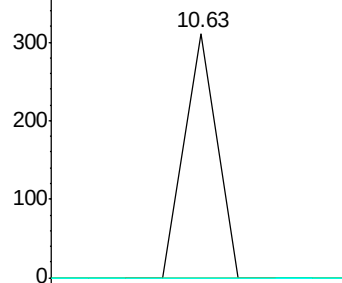
#41
 2,4,6-Tribromophenol
 Concen: 0.06 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.05 min
 Lab File: BF087915.D
 Acq: 11 Jun 2016 21:31

Instrument :
 BNA_F
 ClientSampleId :
 WC-201605A

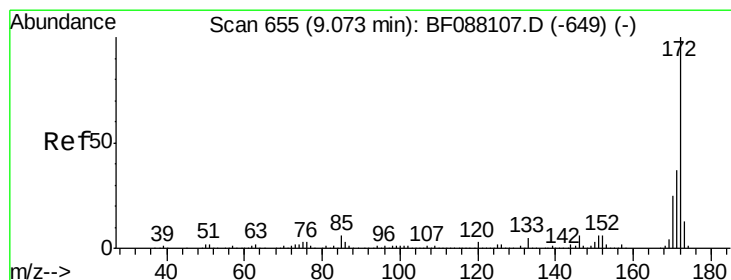
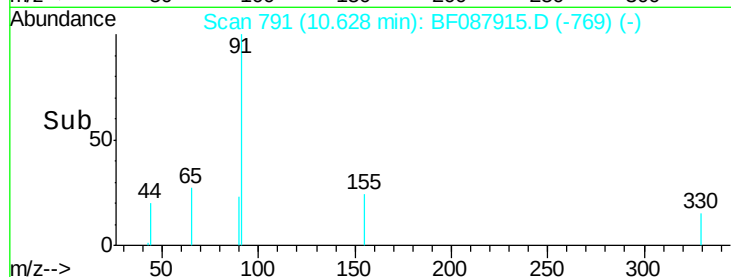
Tgt Ion:330 Resp: 213
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 0.0 0.0 0.0



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

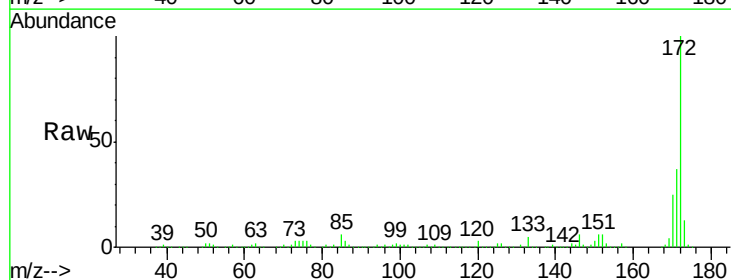


Time-->

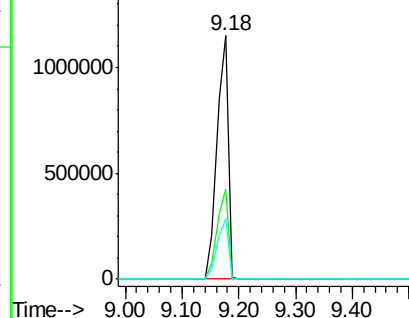


#44
 2-Fluorobiphenyl
 Concen: 72.63 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.03 min
 Lab File: BF087915.D
 Acq: 11 Jun 2016 21:31

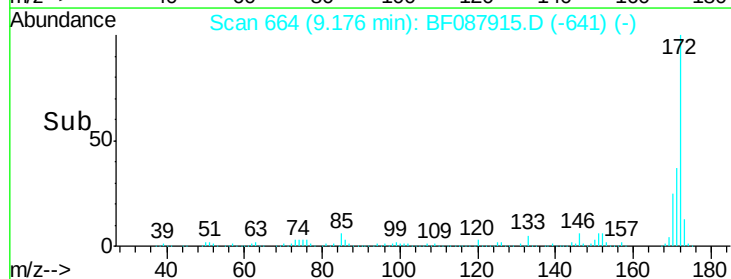
Tgt Ion:172 Resp: 1538042
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.6 43.0
 170 25.0 19.2 28.8

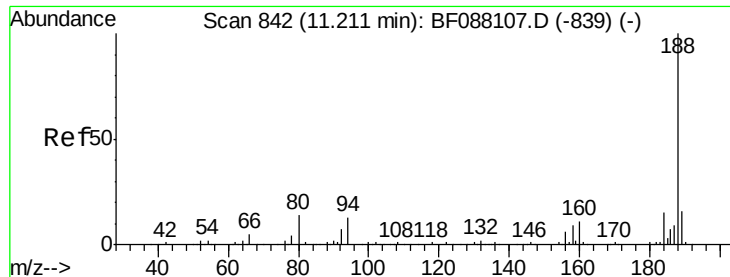


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



Time-->

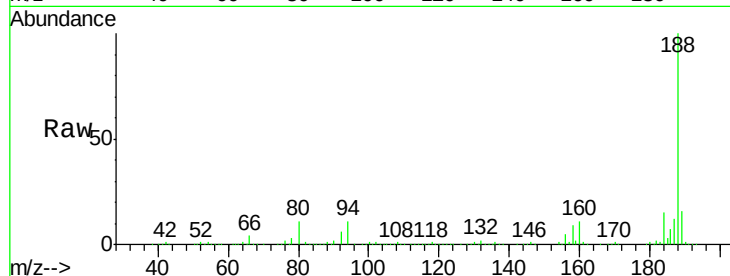




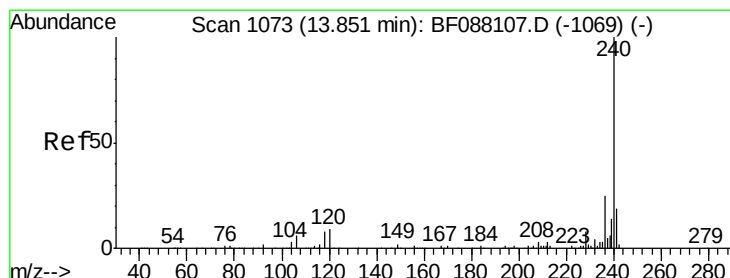
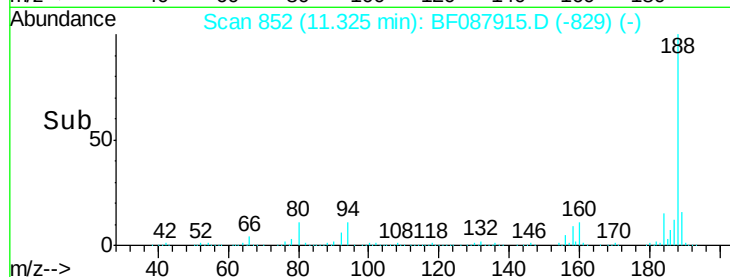
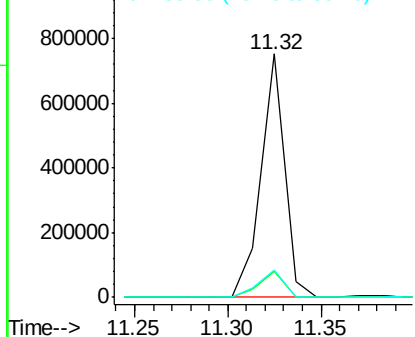
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087915.D
Acq: 11 Jun 2016 21:31

Instrument :
BNA_F
ClientSampleId :
WC-201605A

Tgt Ion:188 Resp: 658843
Ion Ratio Lower Upper
188 100
94 10.7 9.0 13.6
80 11.2 10.0 15.0

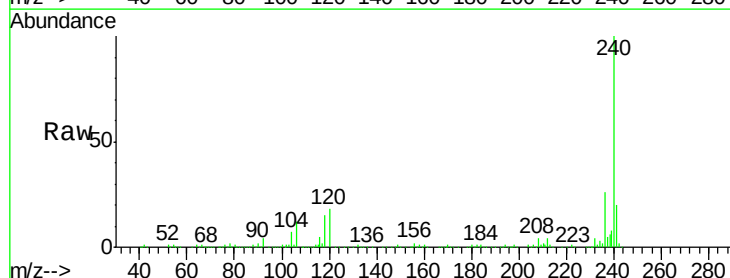


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

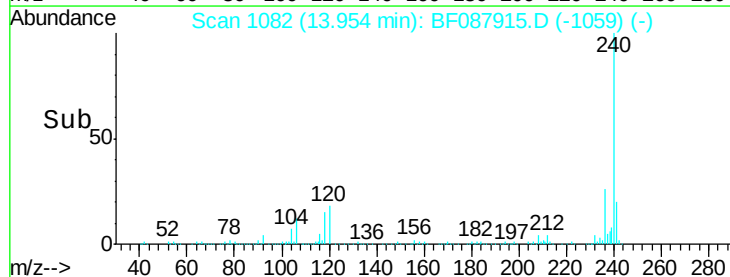
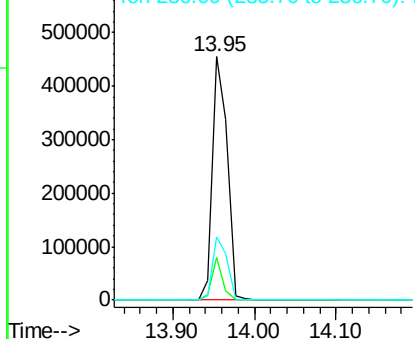


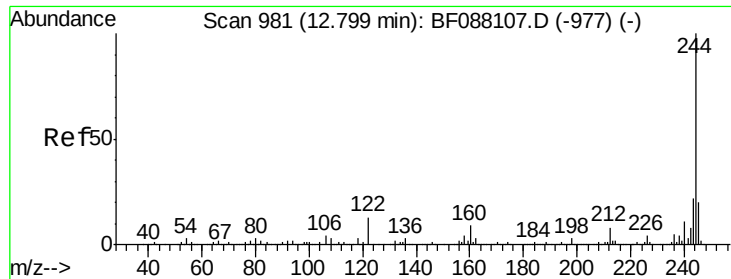
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BF087915.D
Acq: 11 Jun 2016 21:31

Tgt Ion:240 Resp: 579922
Ion Ratio Lower Upper
240 100
120 17.7 6.8 10.2#
236 26.1 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

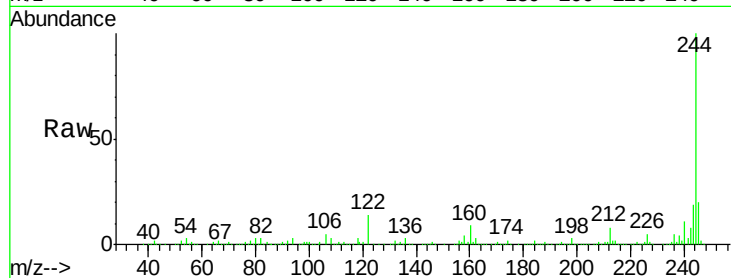




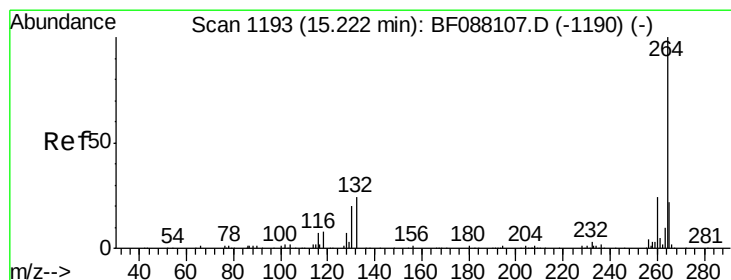
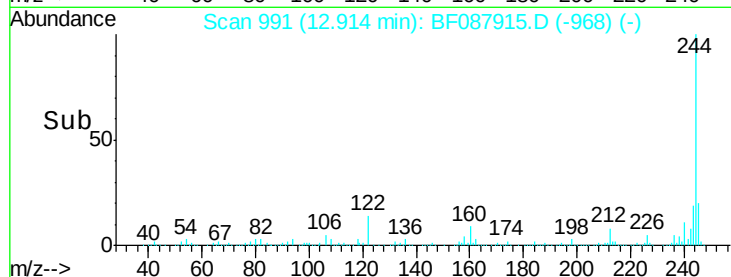
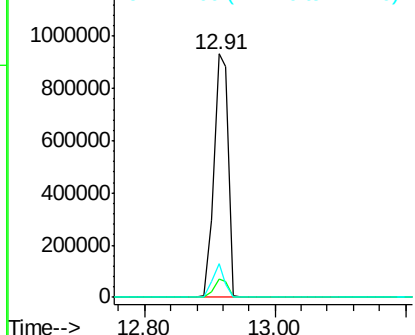
#78
 Terphenyl-d14
 Concen: 57.56 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.03 min
 Lab File: BF087915.D
 Acq: 11 Jun 2016 21:31

Instrument :
 BNA_F
 ClientSampleId :
 WC-201605A

Tgt Ion:244 Resp: 1467035
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 14.0 11.2 16.8

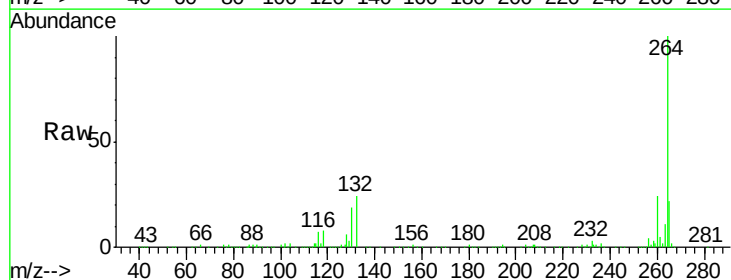


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1206
 Delta R.T. -0.02 min
 Lab File: BF087915.D
 Acq: 11 Jun 2016 21:31

Tgt Ion:264 Resp: 494004
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 22.1 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

