

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
 Data File : BF088161.D
 Acq On : 19 Jun 2016 4:45
 Operator : UM/SJ
 Sample : H3628-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-14

Quant Time: Jun 20 06:50:57 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 17 16:09:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	95118	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	328777	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	133566	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	225591	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	184884	20.00	ng	-0.02
86) Perylene-d12	15.21	264	141420	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	310515	55.81	ng	0.00
7) Phenol-d6	6.34	99	235998	35.00	ng	-0.01
23) Nitrobenzene-d5	7.26	82	475543	84.46	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	144494	102.46	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	769637	90.90	ng	-0.02
78) Terphenyl-d14	12.79	244	683721	84.15	ng	-0.01

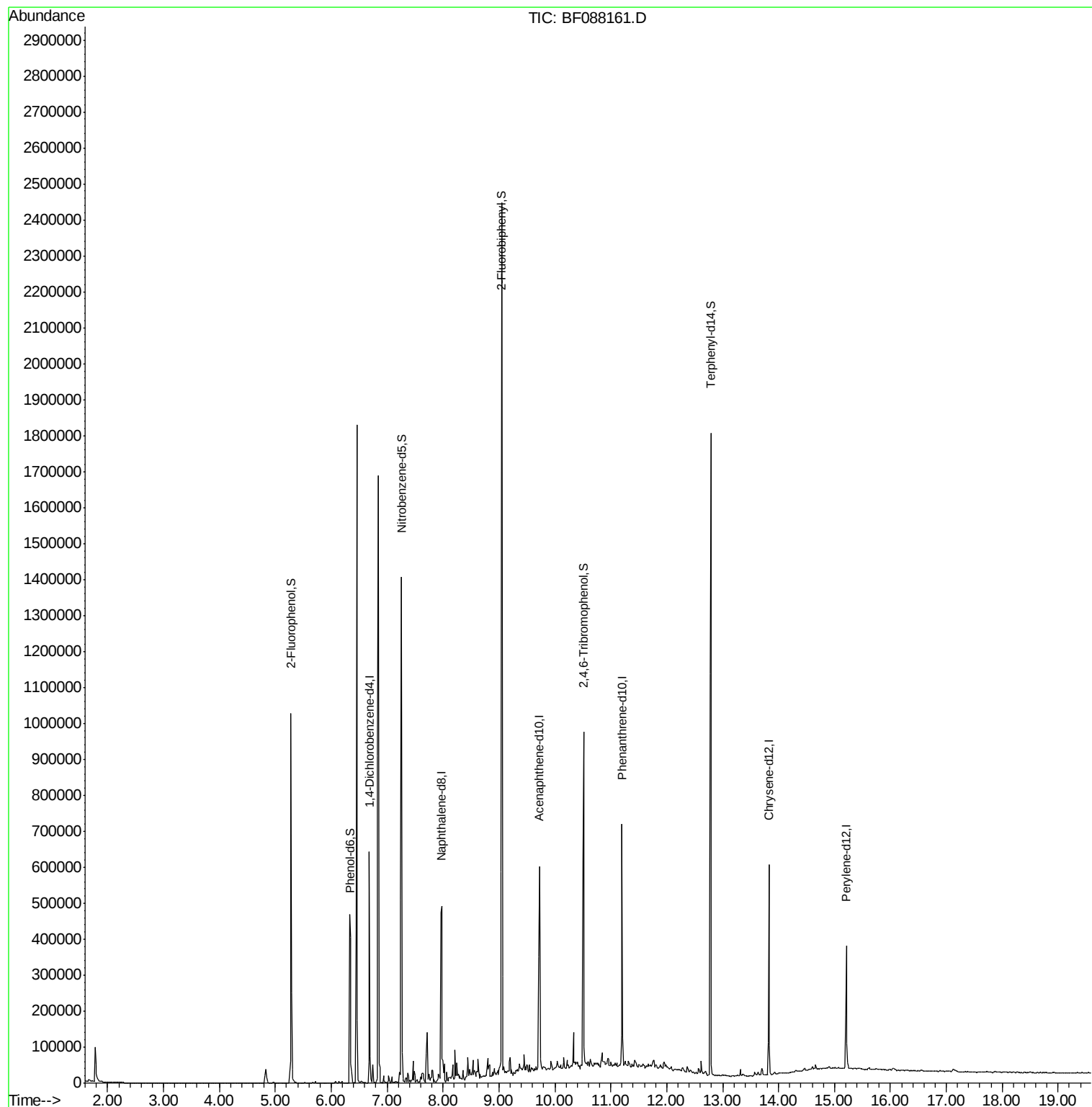
Target Compounds Qvalue

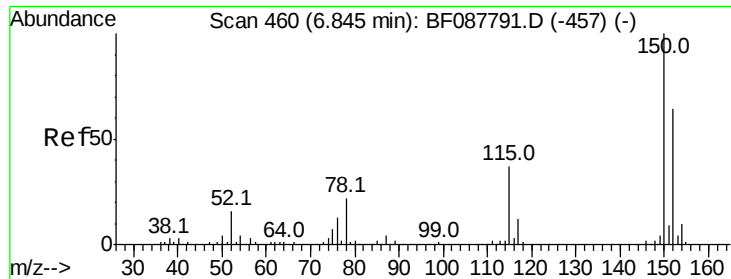
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF088161.D

Acq: 19 Jun 2016 4:45

Instrument :

BNA_F

ClientSampleId :

W-14

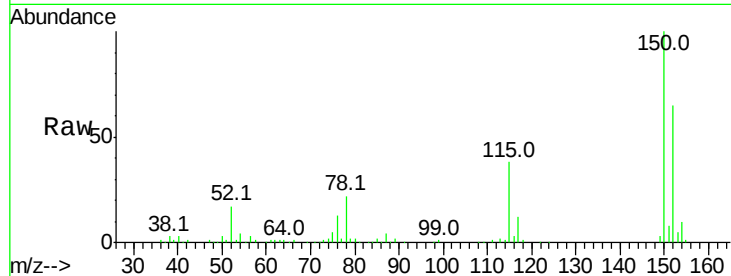
Tot Ion:152 Resp: 95118

Ion Ratio Lower Upper

152 100

150 154.6 123.8 185.6

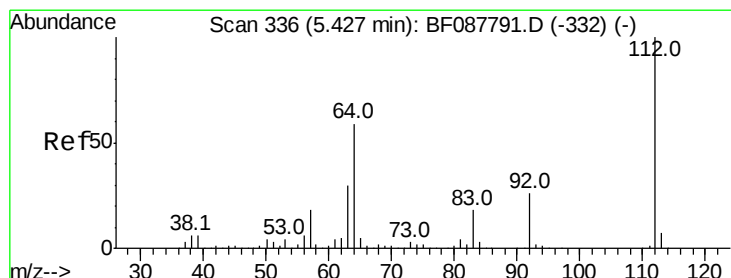
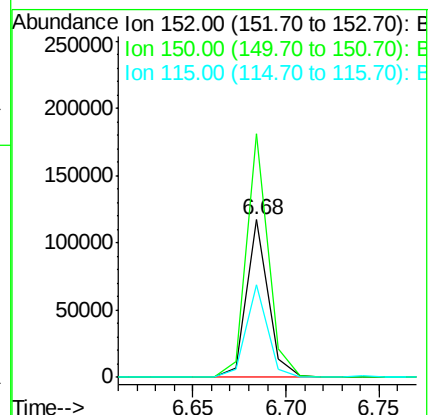
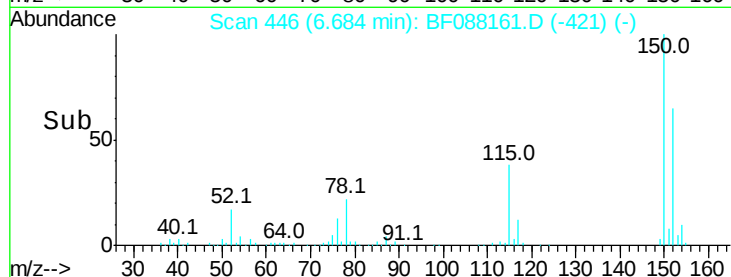
115 58.9 39.6 59.4



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: 55.81 ng

RT: 5.28 min Scan# 323

Delta R.T. -0.00 min

Lab File: BF088161.D

Acq: 19 Jun 2016 4:45

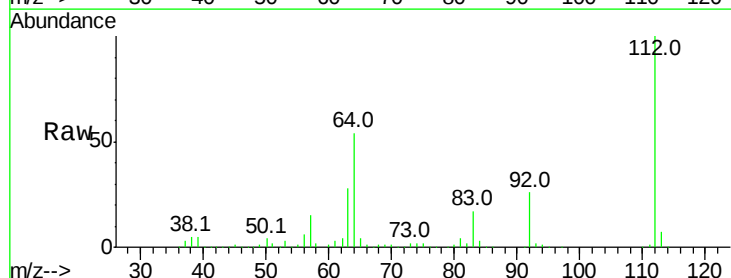
Tgt Ion:112 Resp: 310515

Ion Ratio Lower Upper

112 100

64 54.0 42.2 63.2

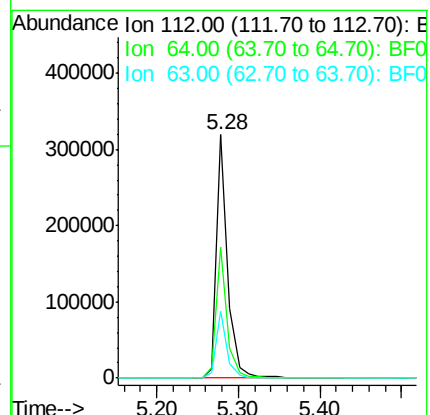
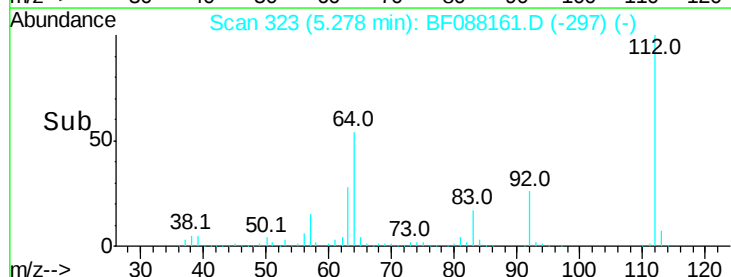
63 27.6 21.8 32.8



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: 35.00 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088161.D

Acq: 19 Jun 2016 4:45

Instrument :

BNA_F

ClientSampleId :

W-14

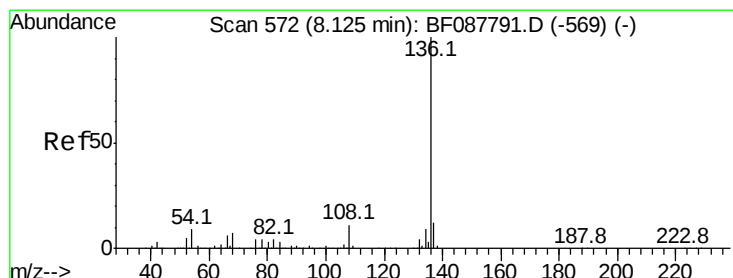
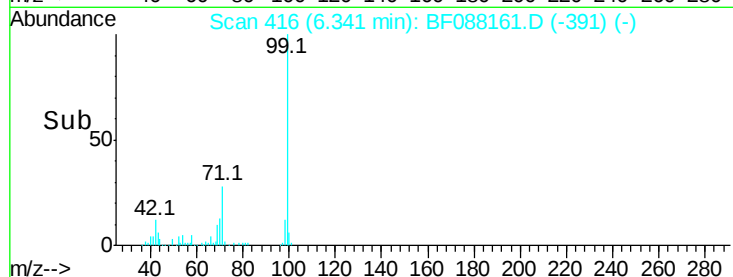
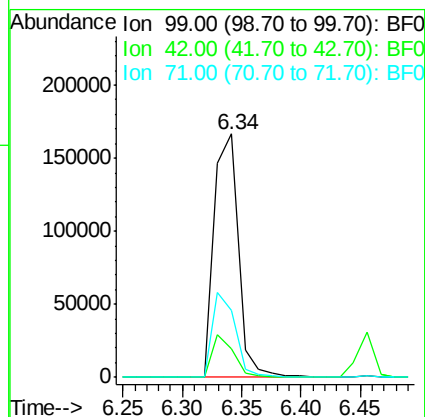
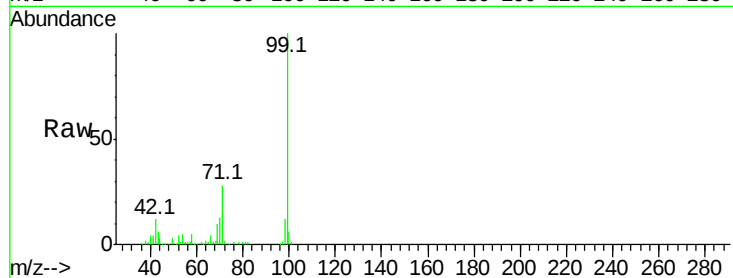
Tot Ion: 99 Resp: 235998

Ion Ratio Lower Upper

99 100

42 11.7 12.2 18.2#

71 27.7 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF088161.D

Acq: 19 Jun 2016 4:45

Tgt Ion: 136 Resp: 328777

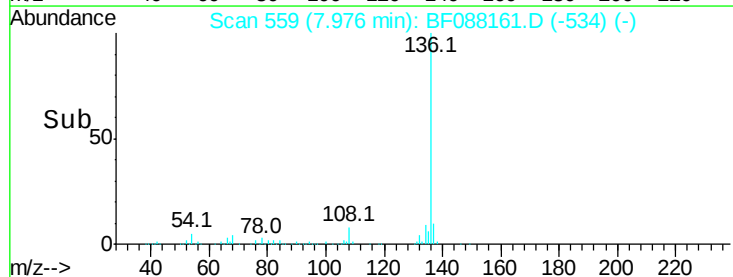
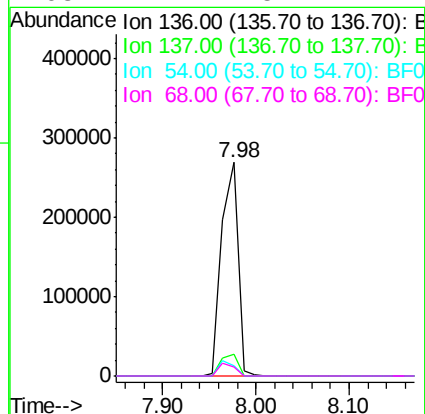
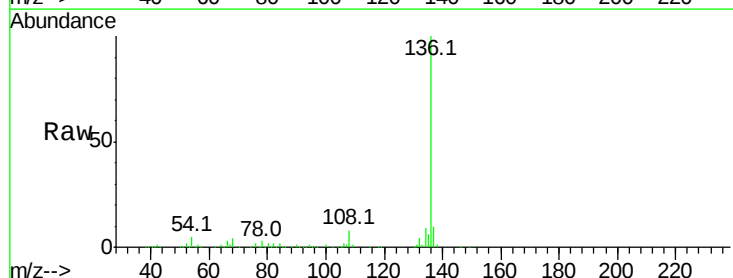
Ion Ratio Lower Upper

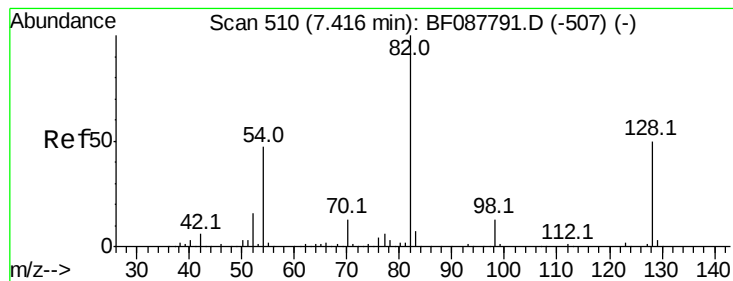
136 100

137 10.1 9.1 13.7

54 4.6 6.6 10.0#

68 4.1 5.1 7.7#





#23

Nitrobenzene-d5

Concen: 84.46 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.02 min

Lab File: BF088161.D

Acq: 19 Jun 2016 4:45

Instrument :

BNA_F

ClientSampleId :

W-14

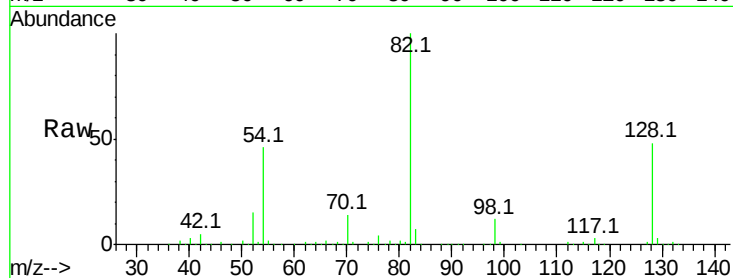
Tot Ion: 82 Resp: 475543

Ion Ratio Lower Upper

82 100

128 48.0 35.9 53.9

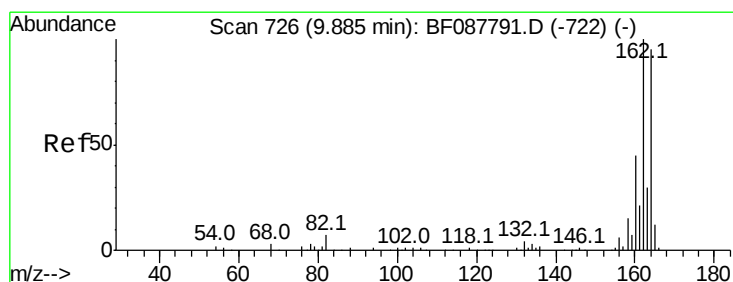
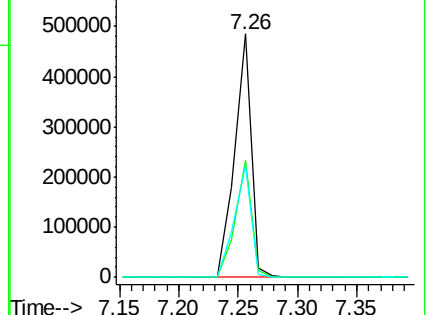
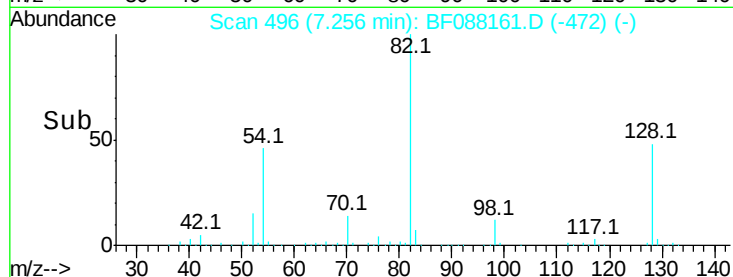
54 45.9 40.9 61.3



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF088161.D

Acq: 19 Jun 2016 4:45

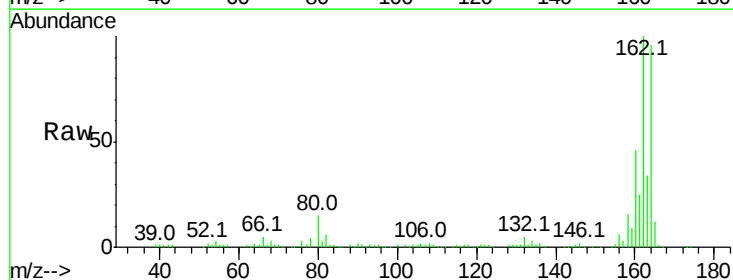
Tgt Ion:164 Resp: 133566

Ion Ratio Lower Upper

164 100

162 104.7 85.4 128.2

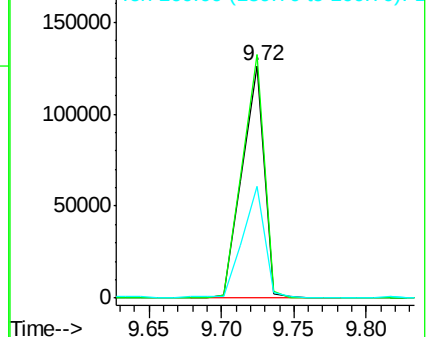
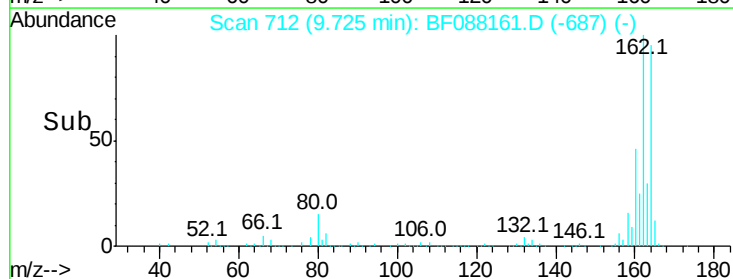
160 48.2 39.5 59.3

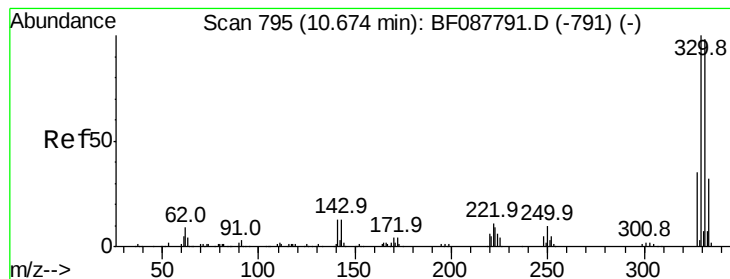


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 102.46 ng

RT: 10.51 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF088161.D

Acq: 19 Jun 2016 4:45

Instrument :

BNA_F

ClientSampleId :

W-14

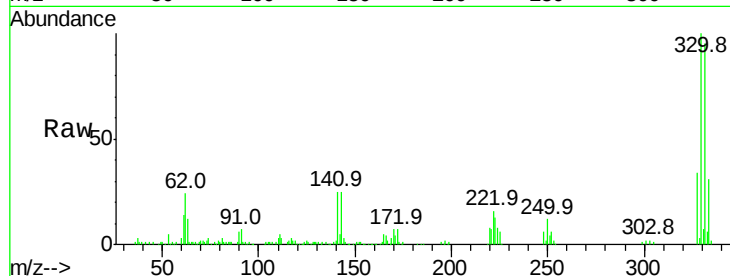
Tot Ion:330 Resp: 144494

Ion Ratio Lower Upper

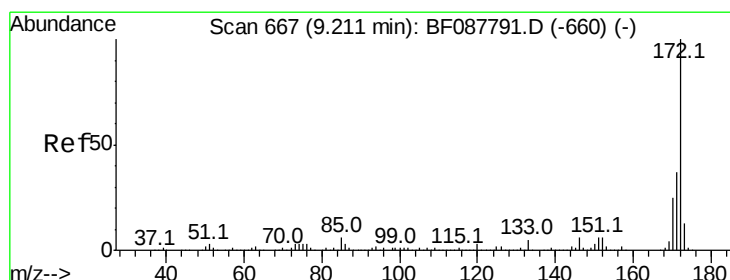
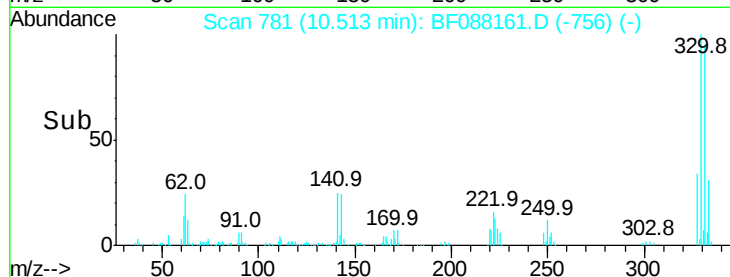
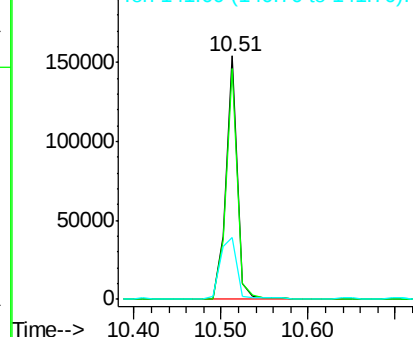
330 100

332 95.1 0.0 0.0#

141 36.6 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: 90.90 ng

RT: 9.05 min Scan# 653

Delta R.T. -0.02 min

Lab File: BF088161.D

Acq: 19 Jun 2016 4:45

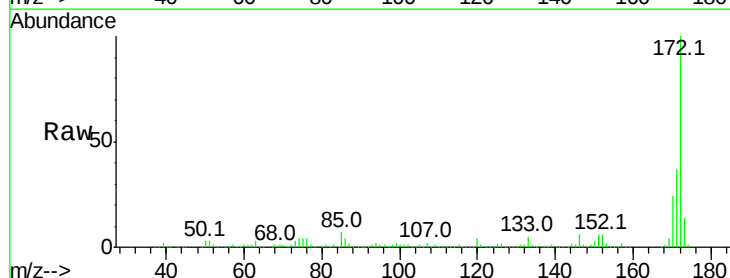
Tgt Ion:172 Resp: 769637

Ion Ratio Lower Upper

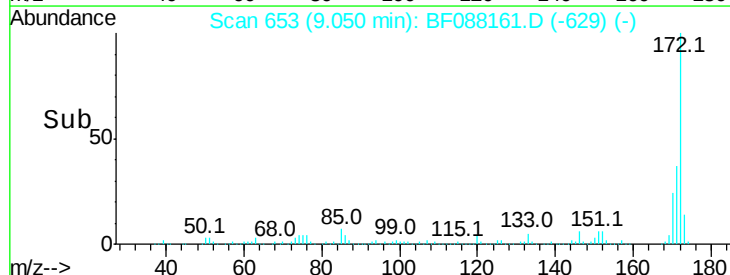
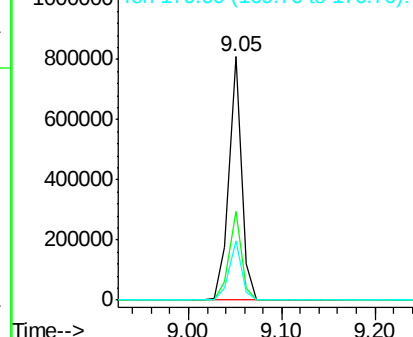
172 100

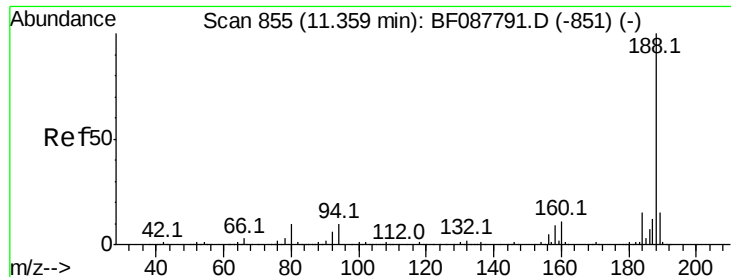
171 36.5 28.6 43.0

170 24.1 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

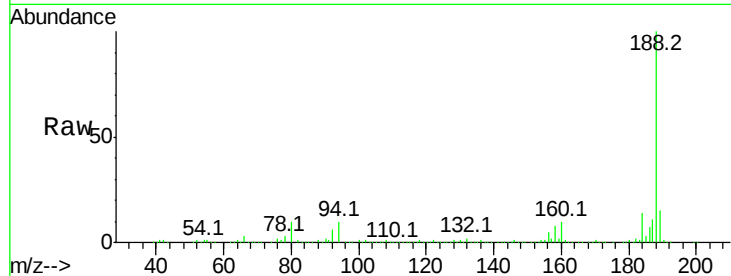




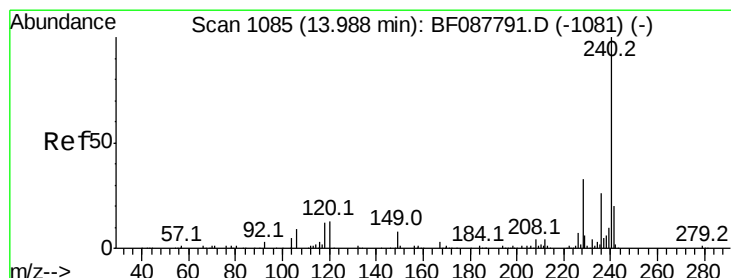
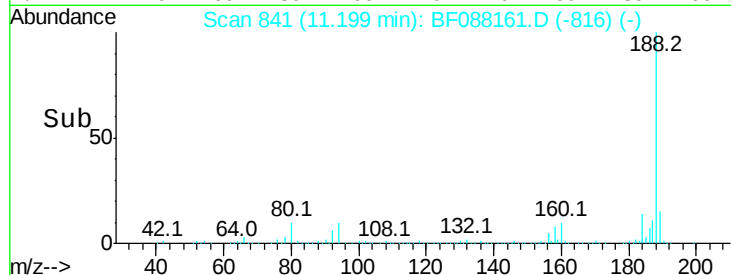
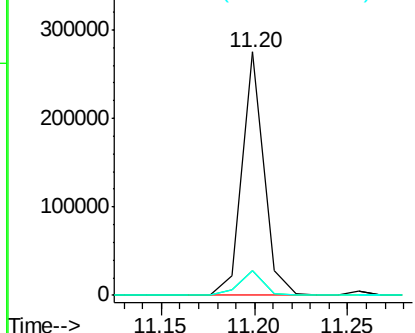
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF088161.D
Acq: 19 Jun 2016 4:45

Instrument :
BNA_F
ClientSampleId :
W-14

Tot Ion:188 Resp: 225591
Ion Ratio Lower Upper
188 100
94 10.0 9.0 13.6
80 10.3 10.0 15.0

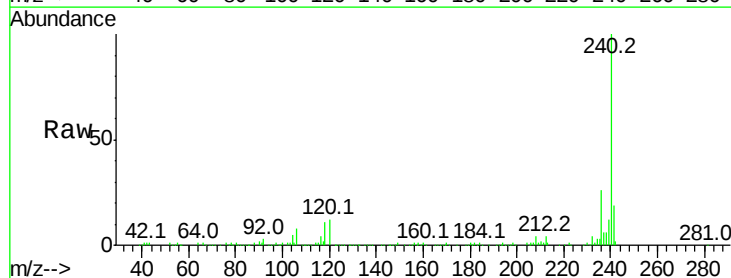


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

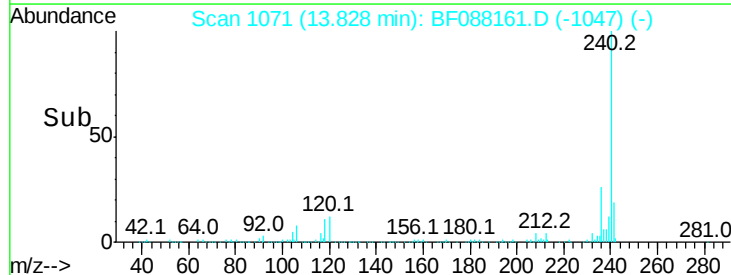
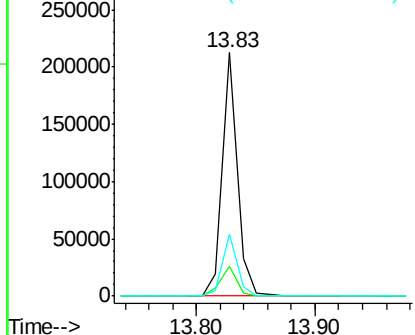


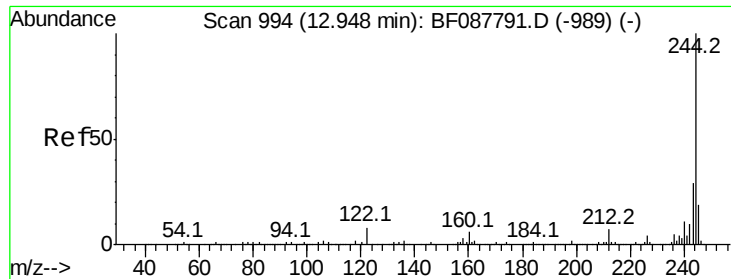
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BF088161.D
Acq: 19 Jun 2016 4:45

Tgt Ion:240 Resp: 184884
Ion Ratio Lower Upper
240 100
120 12.4 6.8 10.2#
236 25.6 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

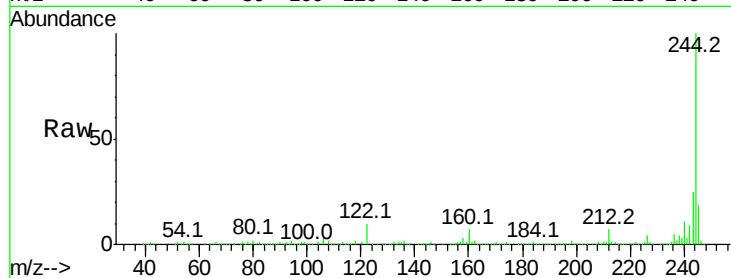




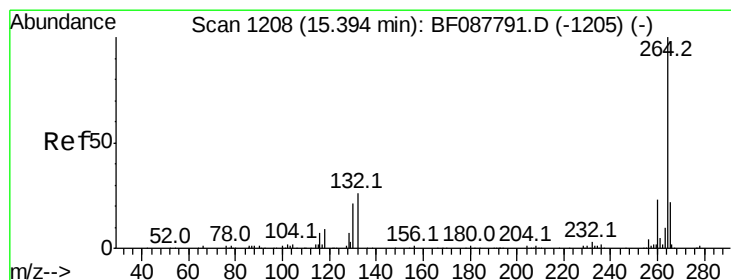
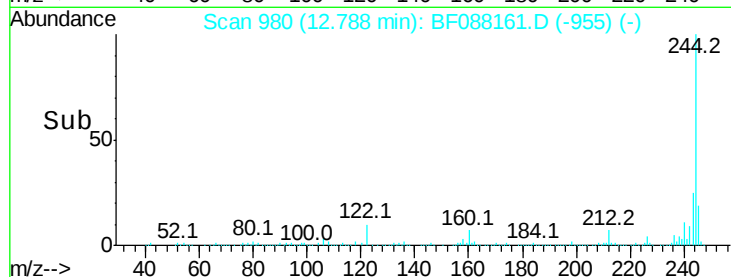
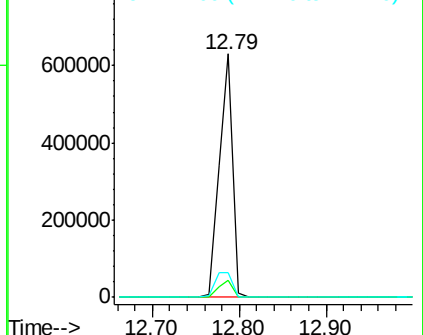
#78
 Terphenyl-d14
 Concen: 84.15 ng
 RT: 12.79 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF088161.D
 Acq: 19 Jun 2016 4:45

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:244 Resp: 683721
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 10.2 11.2 16.8#

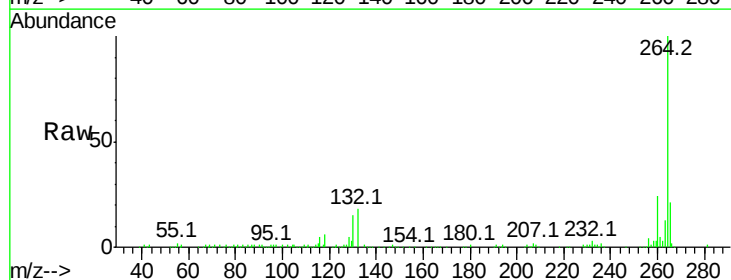


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF088161.D
 Acq: 19 Jun 2016 4:45

Tgt Ion:264 Resp: 141420
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.2 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

