

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
 Data File : BF082088.D
 Acq On : 6 Oct 2015 17:08
 Operator : UM/IZ
 Sample : G3888-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC093015

Quant Time: Oct 07 02:47:17 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 07 02:00:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	83061	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	331357	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	151814	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	311200	20.00	ng	0.00
75) Chrysene-d12	14.06	240	276325	20.00	ng	-0.01
86) Perylene-d12	15.50	264	203983	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	540093	118.04	ng	0.01
7) Phenol-d6	6.51	99	642124	111.53	ng	0.00
23) Nitrobenzene-d5	7.45	82	517985	104.20	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	247406	160.91	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	932425	108.53	ng	0.00
78) Terphenyl-d14	13.01	244	1088404	179.65	ng	0.00

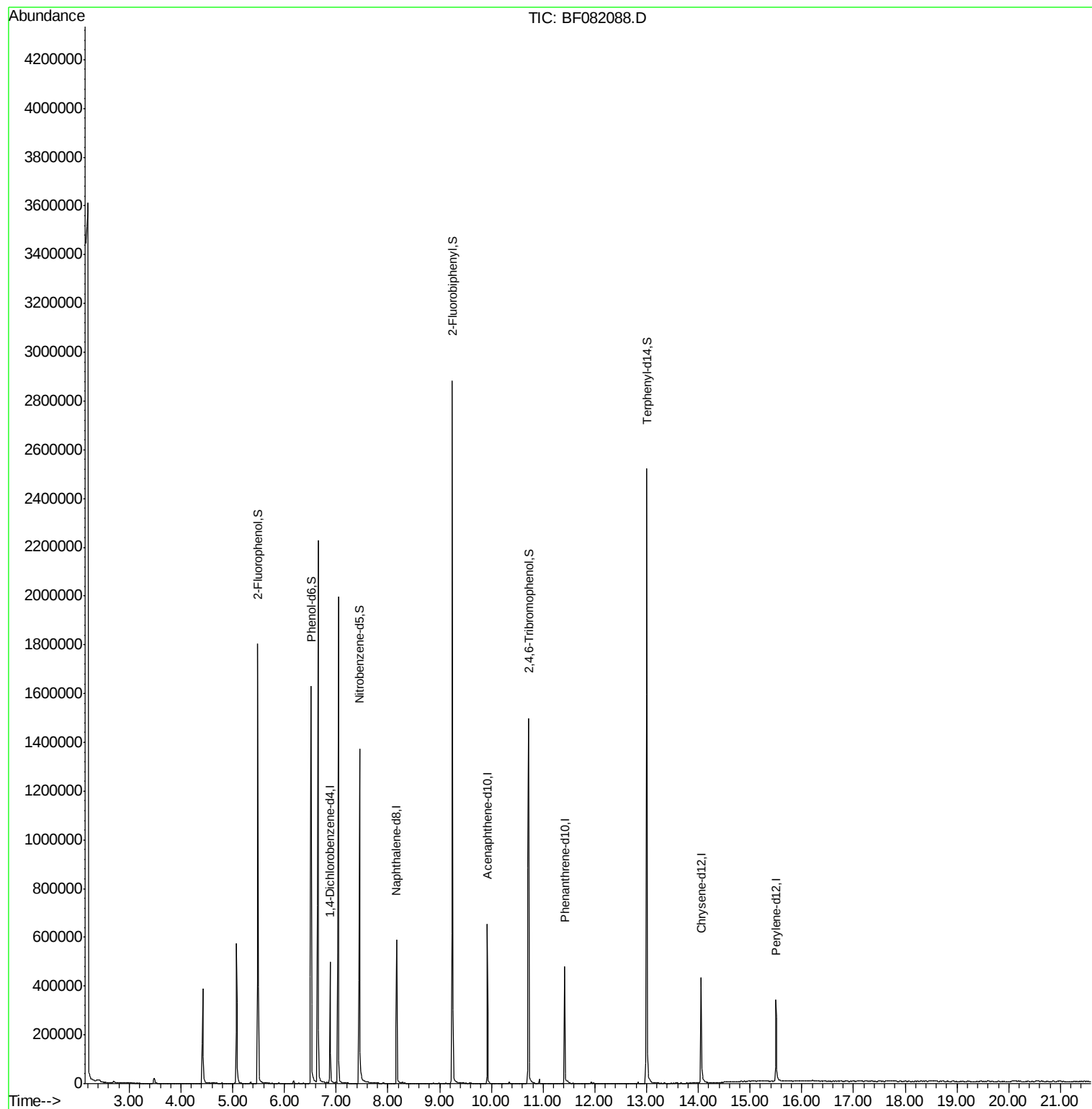
Target Compounds Qvalue

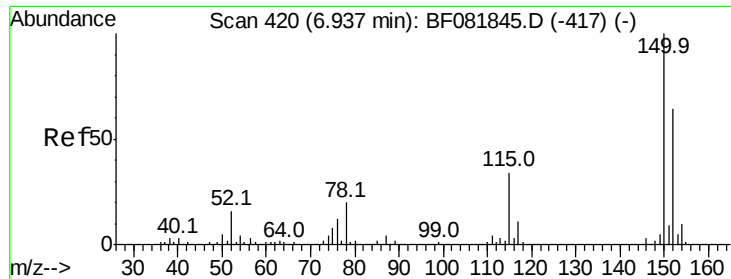
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF082088.D

Acq: 6 Oct 2015 17:08

Instrument :

BNA_F

ClientSampleId :

WC093015

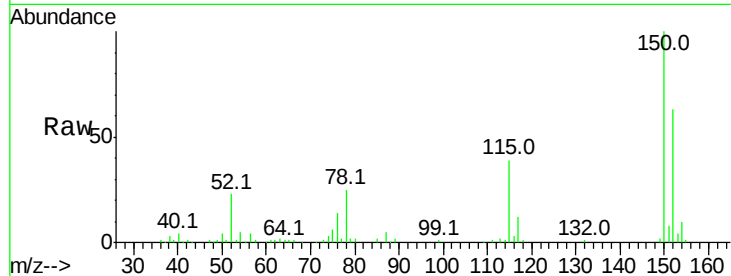
Tot Ion:152 Resp: 83061

Ion Ratio Lower Upper

152 100

150 159.0 124.7 187.1

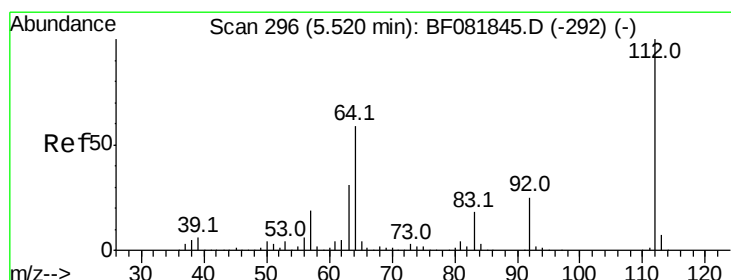
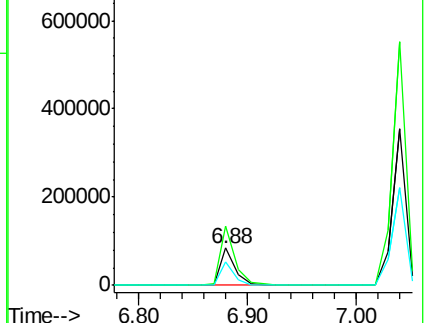
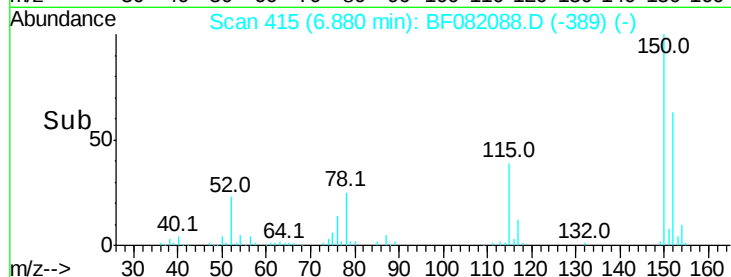
115 61.3 39.0 58.4#



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: 118.04 ng

RT: 5.49 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF082088.D

Acq: 6 Oct 2015 17:08

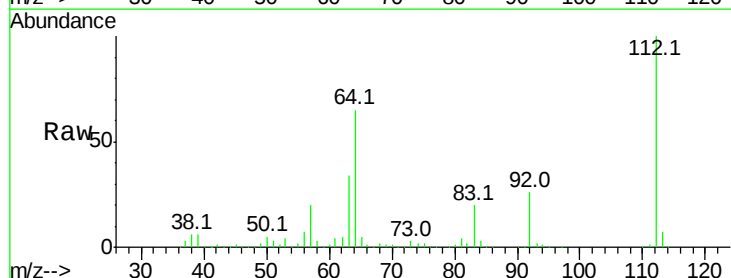
Tgt Ion:112 Resp: 540093

Ion Ratio Lower Upper

112 100

64 64.6 39.7 59.5#

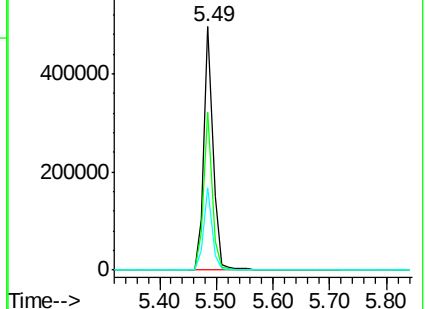
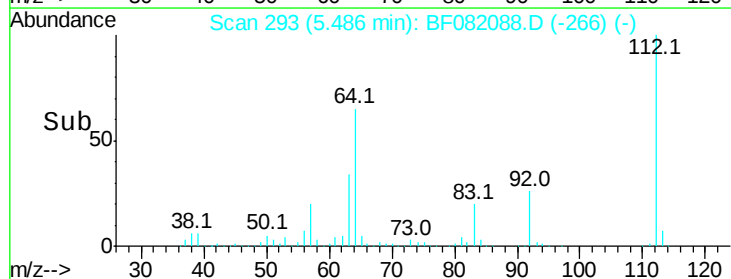
63 33.9 17.4 26.0#

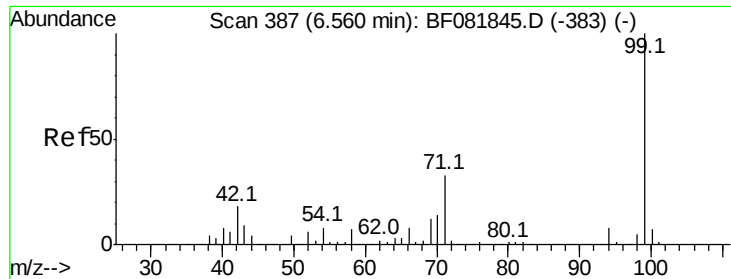


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.53 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF082088.D

Acq: 6 Oct 2015 17:08

Instrument :

BNA_F

ClientSampleId :

WC093015

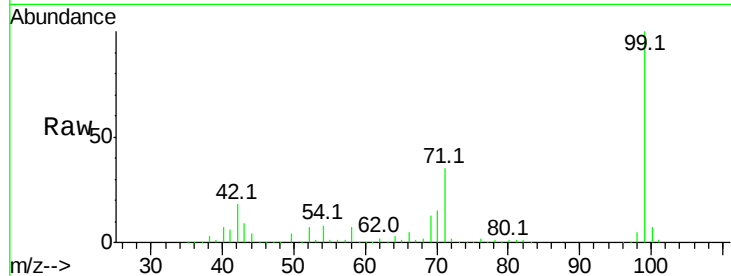
Tot Ion: 99 Resp: 642124

Ion Ratio Lower Upper

99 100

42 18.3 13.7 20.5

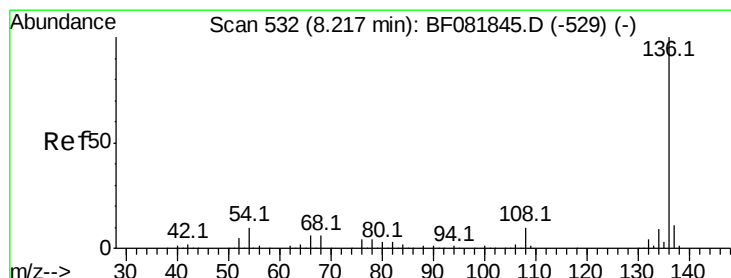
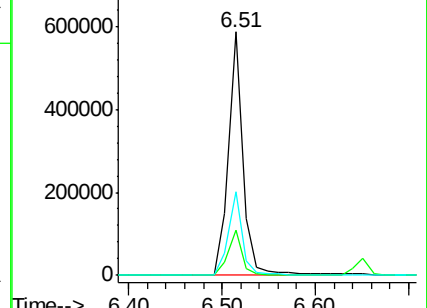
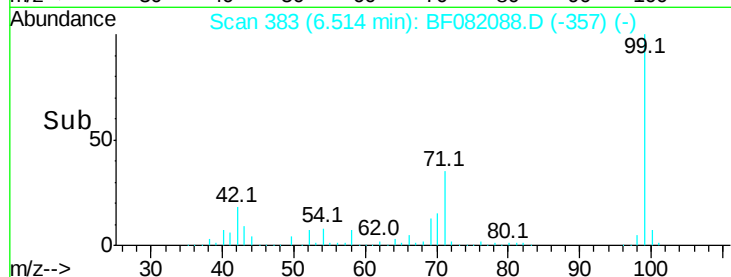
71 34.5 14.2 21.2#



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: 8.17 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF082088.D

Acq: 6 Oct 2015 17:08

Tgt Ion: 136 Resp: 331357

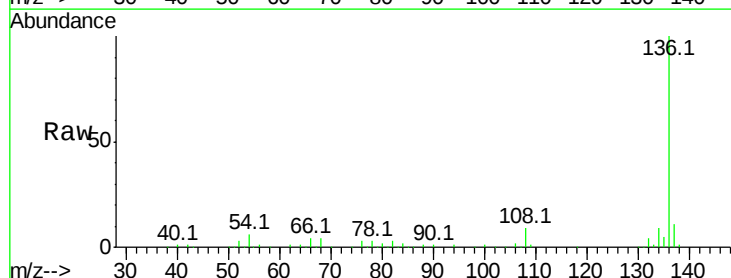
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 6.3 8.2 12.2#

68 4.1 5.8 8.6#

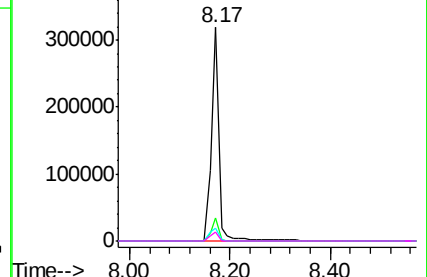
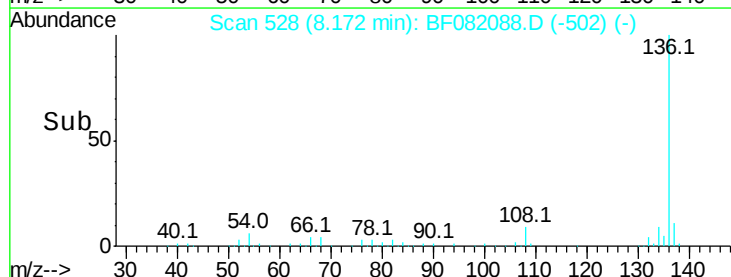


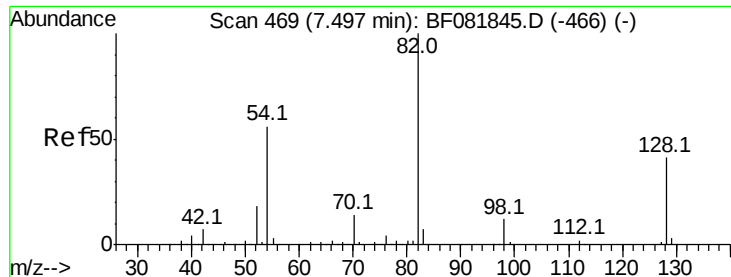
Abundance Ion 136.00 (135.70 to 136.70): E

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

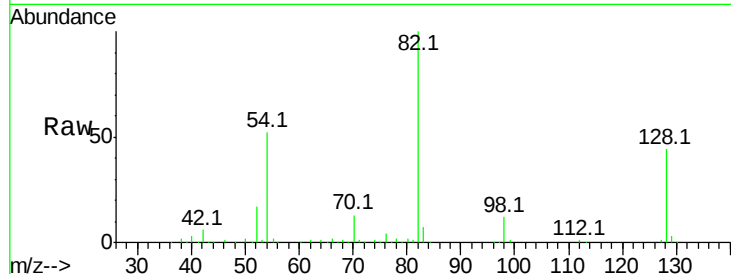




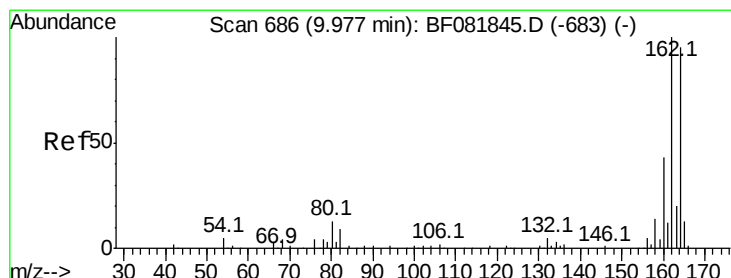
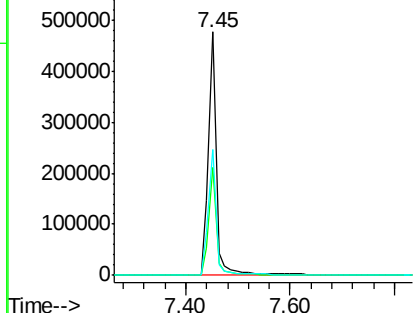
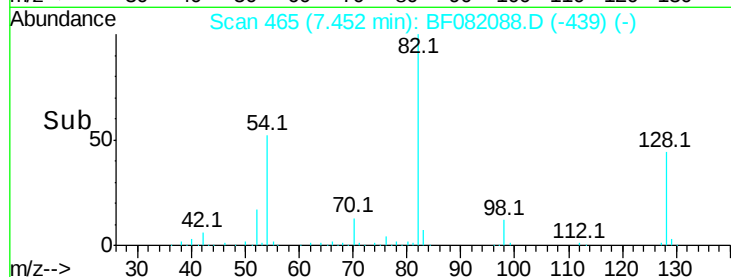
#23
 Nitrobenzene-d5
 Concen: 104.20 ng
 RT: 7.45 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF082088.D
 Acq: 6 Oct 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 WC093015

Tot Ion: 82 Resp: 517985
 Ion Ratio Lower Upper
 82 100
 128 44.2 51.0 76.6#
 54 51.9 47.5 71.3

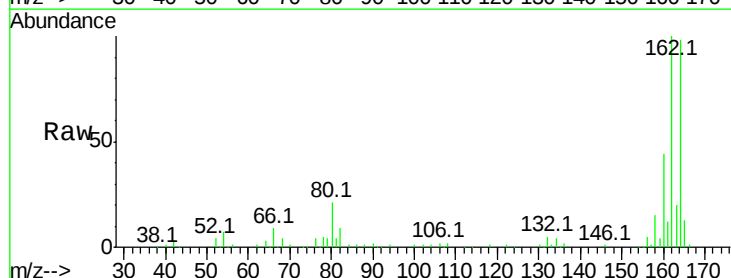


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

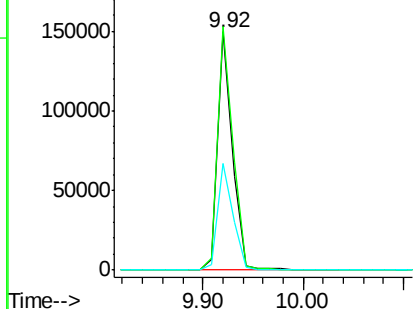
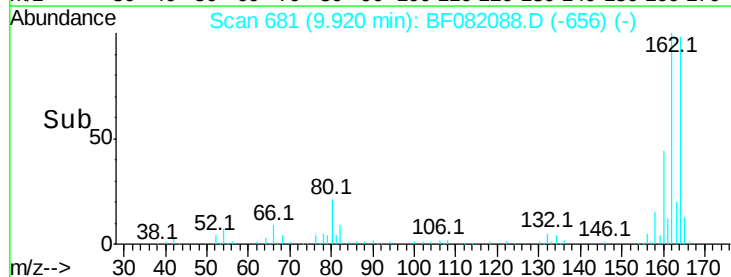


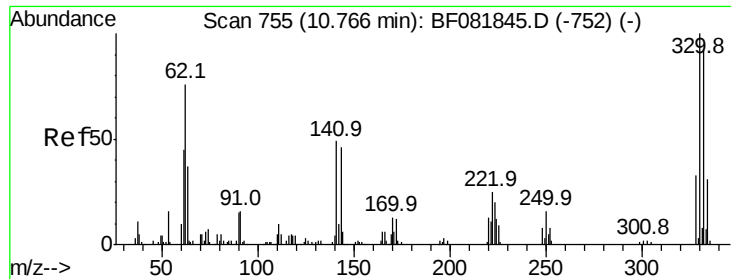
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF082088.D
 Acq: 6 Oct 2015 17:08

Tgt Ion:164 Resp: 151814
 Ion Ratio Lower Upper
 164 100
 162 102.3 75.2 112.8
 160 45.0 31.5 47.3



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

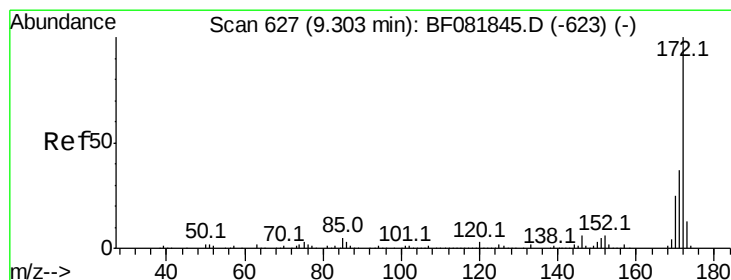
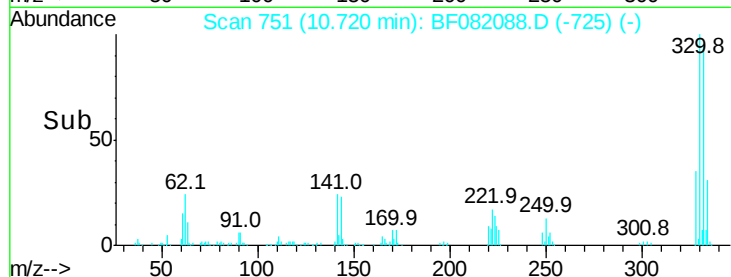
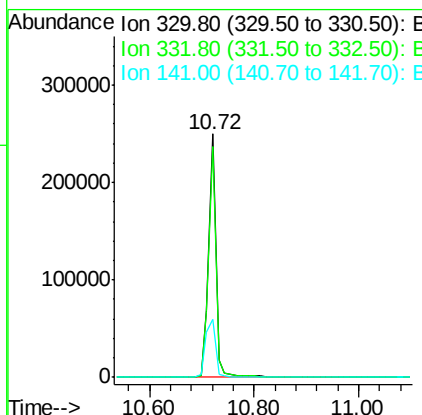
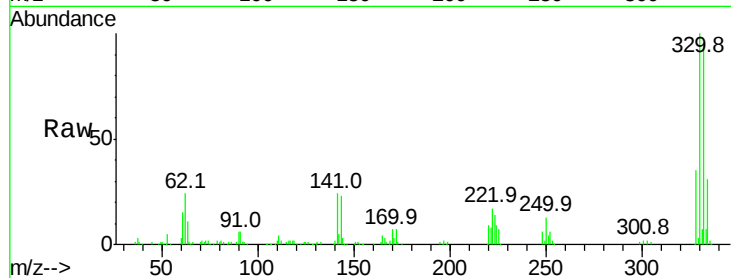




#41
 2,4,6-Tribromophenol
 Concen: 160.91 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF082088.D
 Acq: 6 Oct 2015 17:08

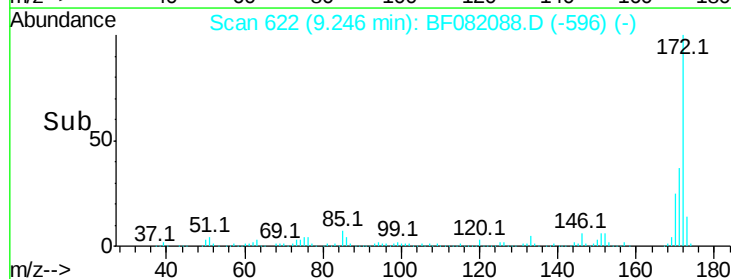
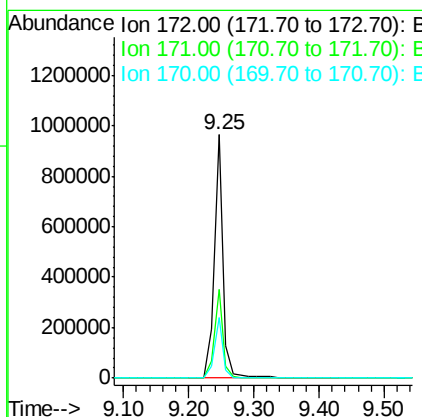
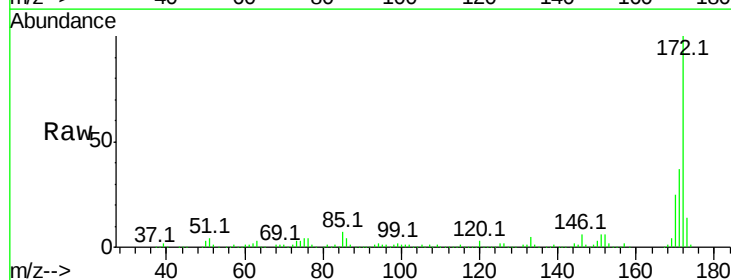
Instrument :
 BNA_F
 ClientSampleId :
 WC093015

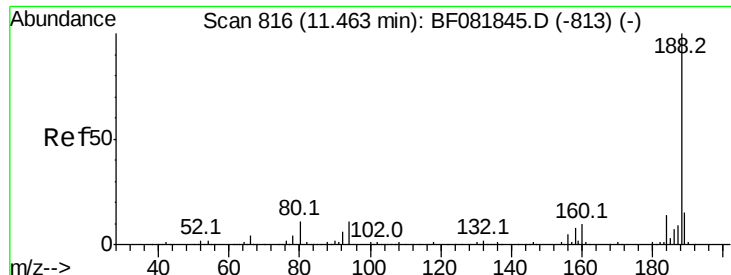
Tot Ion:330 Resp: 247406
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 114.8
 141 32.5 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 108.53 ng
 RT: 9.25 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF082088.D
 Acq: 6 Oct 2015 17:08

Tgt Ion:172 Resp: 932425
 Ion Ratio Lower Upper
 172 100
 171 36.6 26.1 39.1
 170 24.8 17.4 26.2

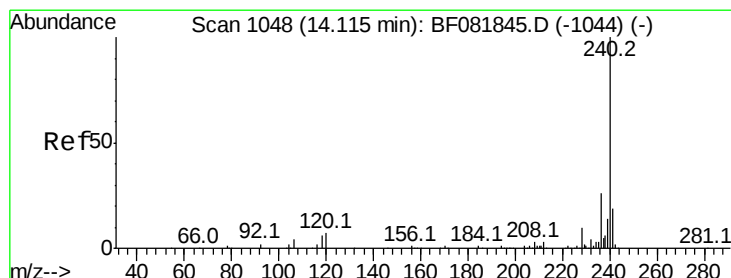
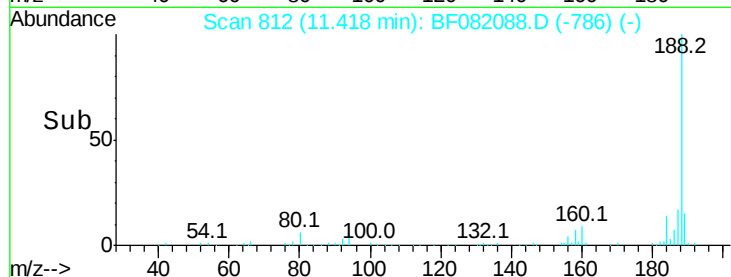
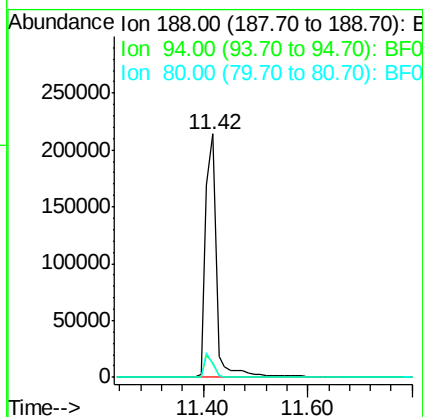
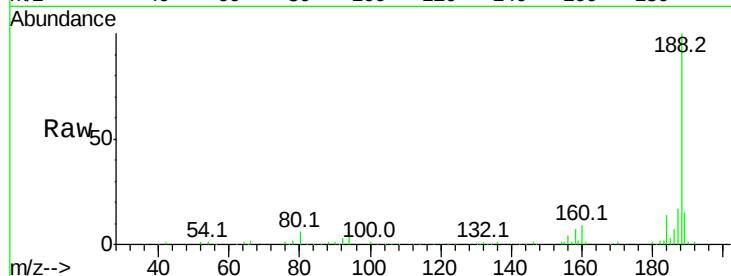




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF082088.D
Acq: 6 Oct 2015 17:08

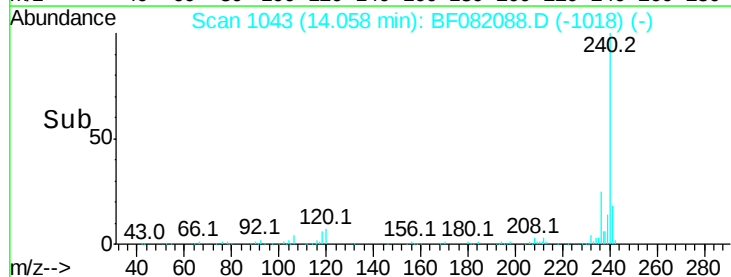
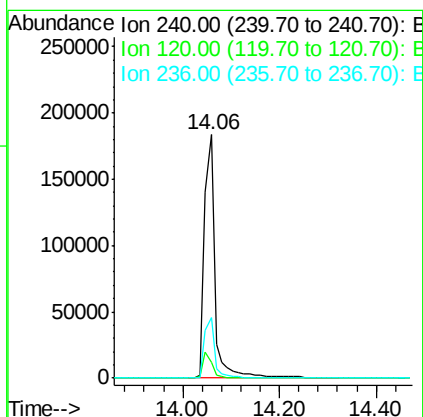
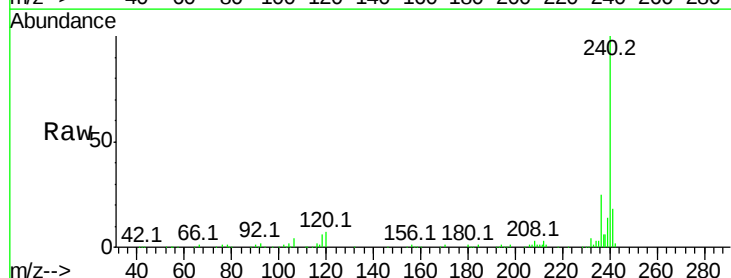
Instrument :
BNA_F
ClientSampled :
WC093015

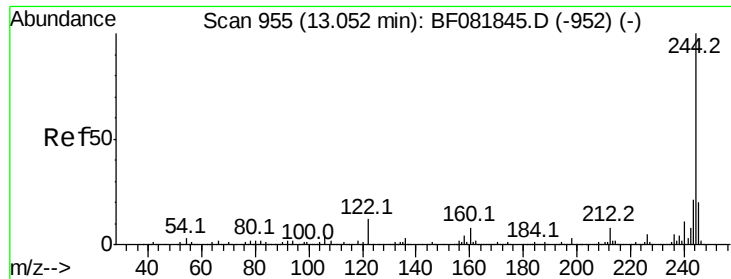
Tot Ion:188 Resp: 311200
Ion Ratio Lower Upper
188 100
94 5.8 11.1 16.7#
80 5.7 11.0 16.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF082088.D
Acq: 6 Oct 2015 17:08

Tgt Ion:240 Resp: 276325
Ion Ratio Lower Upper
240 100
120 6.5 16.2 24.2#
236 25.1 18.4 27.6

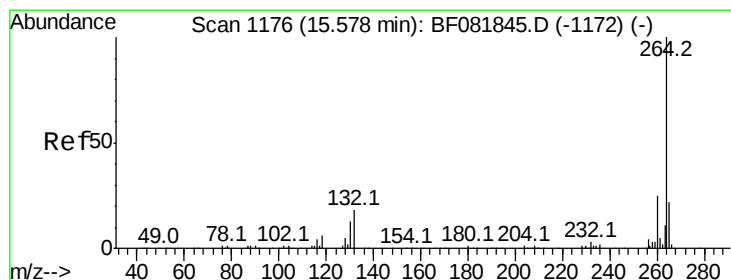
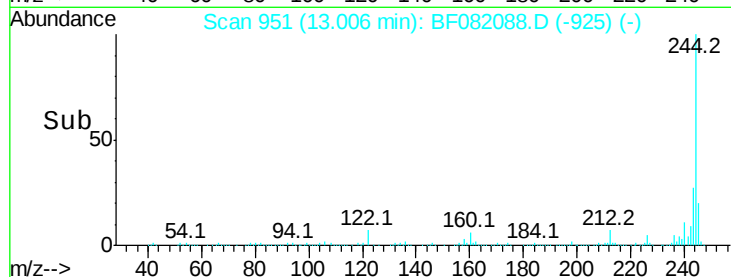
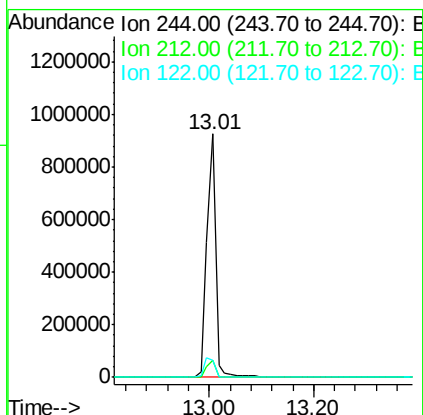
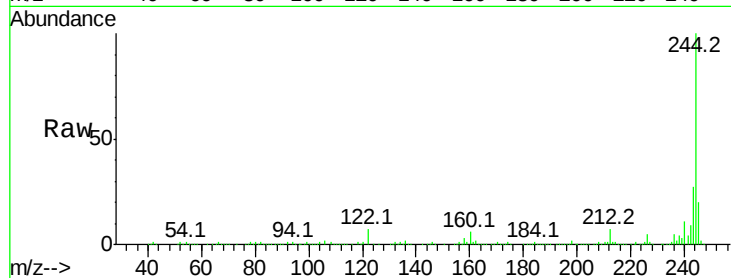




#78
 Terphenyl-d14
 Concen: 179.65 ng
 RT: 13.01 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF082088.D
 Acq: 6 Oct 2015 17:08

Instrument :
 BNA_F
 ClientSampleID :
 WC093015

Tot Ion:244 Resp: 1088404
 Ion Ratio Lower Upper
 244 100
 212 7.0 4.3 6.5#
 122 7.1 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF082088.D
 Acq: 6 Oct 2015 17:08

Tgt Ion:264 Resp: 203983
 Ion Ratio Lower Upper
 264 100
 260 24.1 16.7 25.1
 265 21.7 17.2 25.8

