

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
 Data File : BF081089.D
 Acq On : 19 Aug 2015 19:21
 Operator : UM/IZ
 Sample : PB85064TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85064TB

Quant Time: Aug 20 01:16:19 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	58809	20.00	ng	-0.04
21) Naphthalene-d8	7.88	136	232926	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	102819	20.00	ng	-0.04
63) Phenanthrene-d10	11.09	188	226010	20.00	ng	-0.04
75) Chrysene-d12	13.71	240	200207	20.00	ng	-0.04
86) Perylene-d12	15.04	264	152807	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	408343	104.44	ng	-0.02
7) Phenol-d6	6.23	99	559402	109.65	ng	-0.03
23) Nitrobenzene-d5	7.16	82	373913	73.33	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	104994	117.80	ng	-0.04
44) 2-Fluorobiphenyl	8.95	172	564712	71.96	ng	-0.04
78) Terphenyl-d14	12.68	244	618648	66.24	ng	-0.03

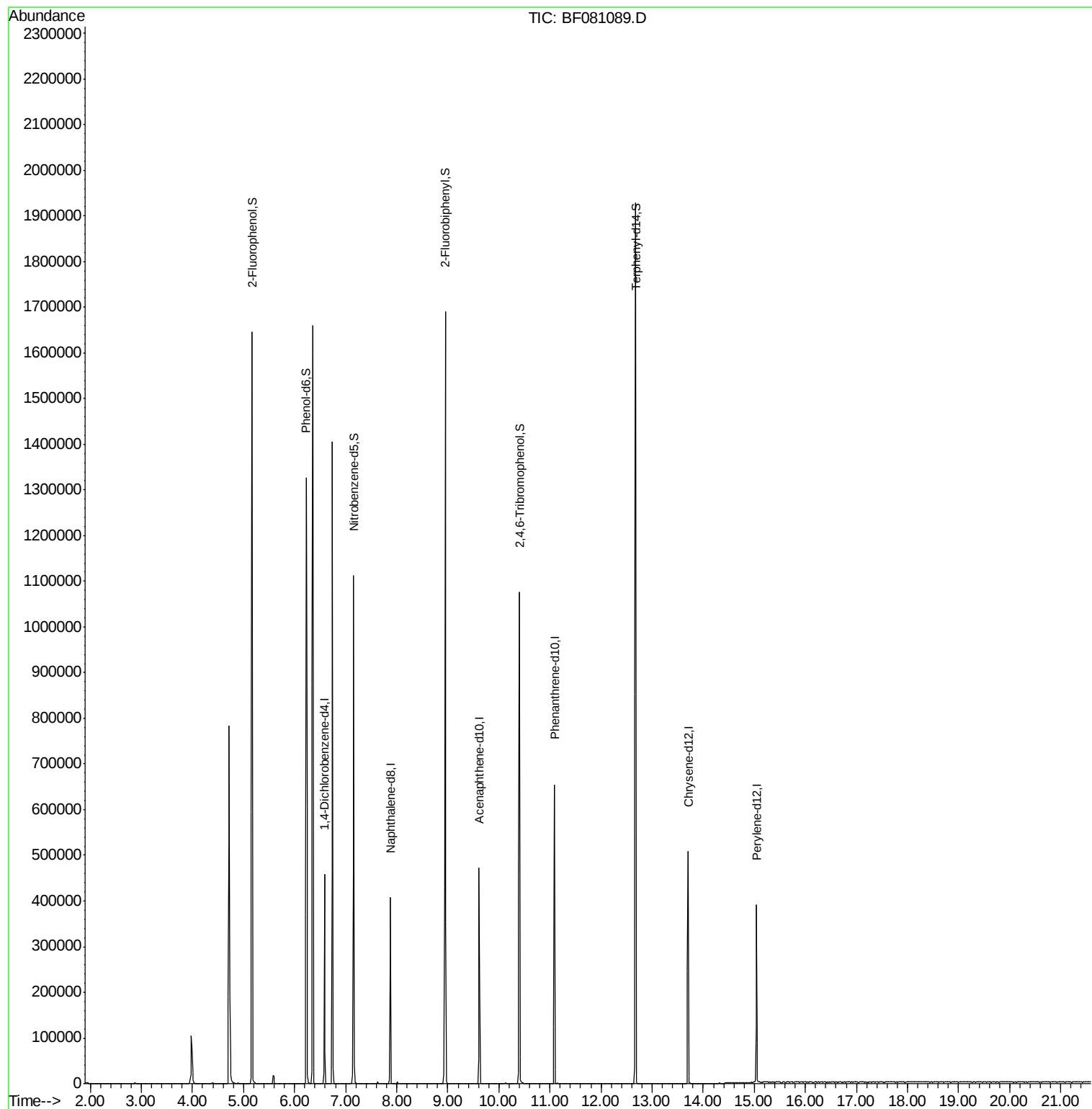
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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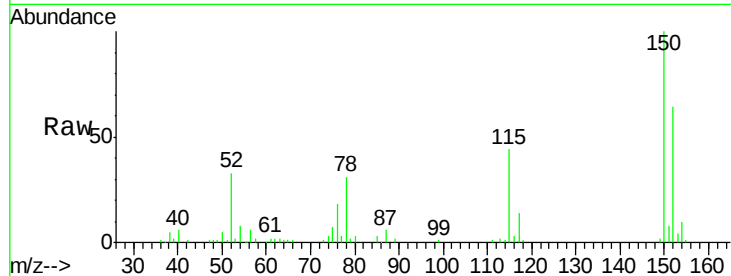


#1

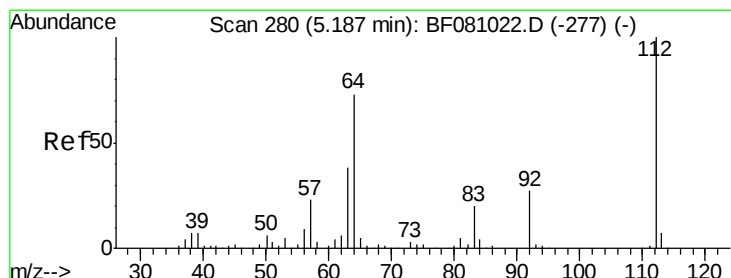
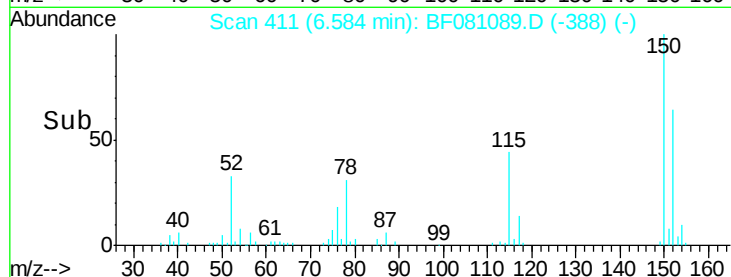
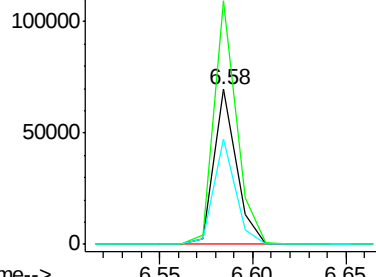
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.58 min Scan# 411
 Delta R.T. -0.04 min
 Lab File: BF081089.D
 Acq: 19 Aug 2015 19:21

Instrument :
 BNA_F
 ClientSampleId :
 PB85064TB

Tgt Ion:152 Resp: 58809
 Ion Ratio Lower Upper
 152 100
 150 157.2 123.8 185.6
 115 68.4 52.1 78.1



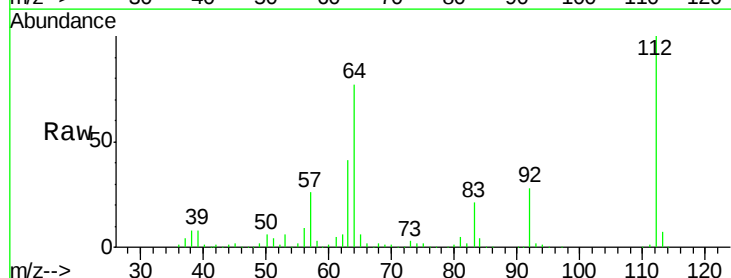
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



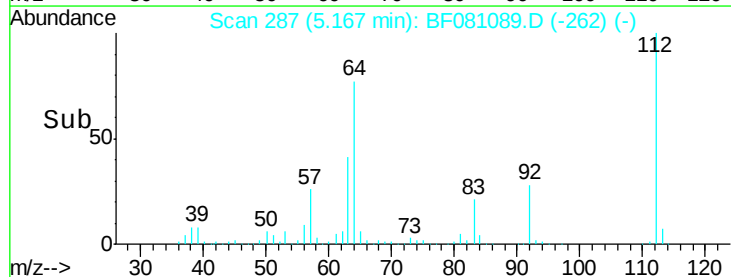
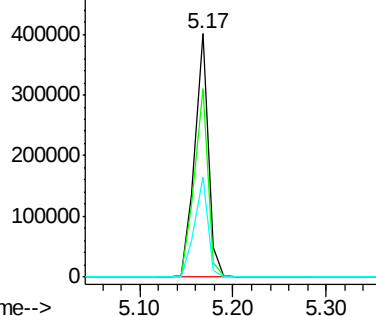
#5

2-Fluorophenol
 Concen: 104.44 ng
 RT: 5.17 min Scan# 287
 Delta R.T. -0.02 min
 Lab File: BF081089.D
 Acq: 19 Aug 2015 19:21

Tgt Ion:112 Resp: 408343
 Ion Ratio Lower Upper
 112 100
 64 77.3 66.9 100.3
 63 41.1 38.1 57.1



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: 109.65 ng

RT: 6.23 min Scan# 380

Delta R.T. -0.03 min

Lab File: BF081089.D

Acq: 19 Aug 2015 19:21

Instrument :

BNA_F

ClientSampleId :

PB85064TB

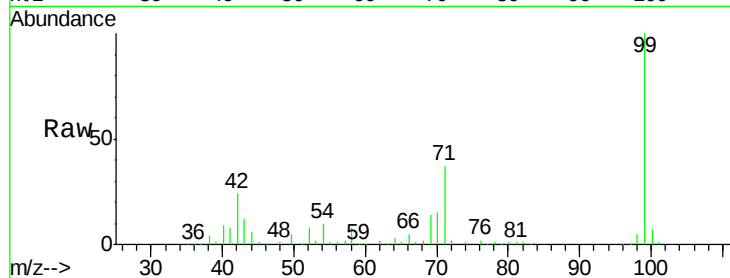
Tgt Ion: 99 Resp: 559402

Ion Ratio Lower Upper

99 100

42 23.8 19.6 29.4

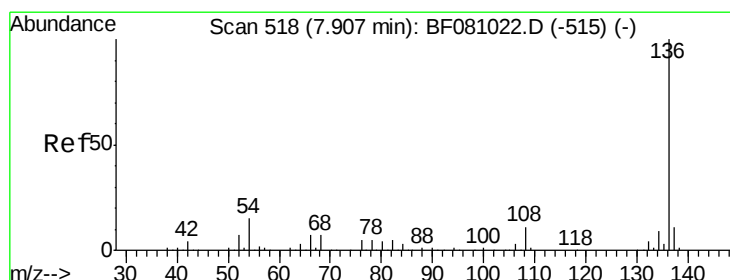
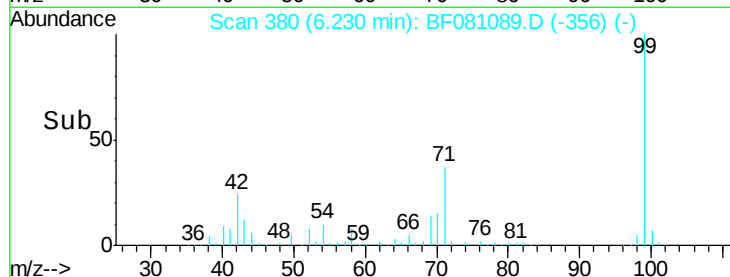
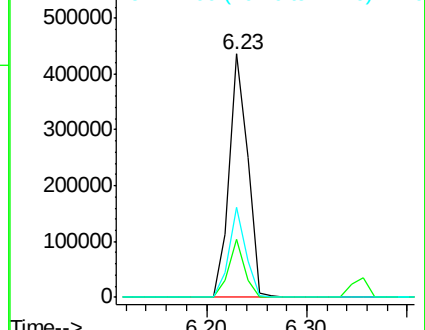
71 37.2 31.2 46.8



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: 7.88 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF081089.D

Acq: 19 Aug 2015 19:21

Tgt Ion: 136 Resp: 232926

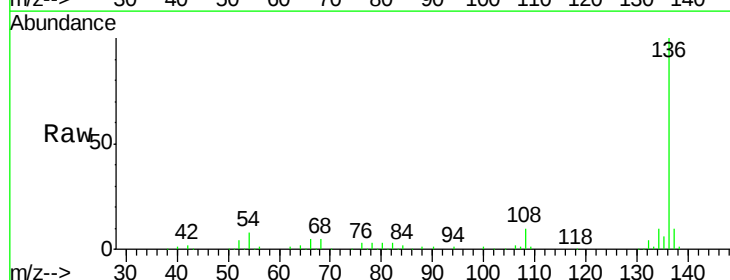
Ion Ratio Lower Upper

136 100

137 10.2 8.2 12.2

54 8.1 7.7 11.5

68 4.6 3.4 5.2

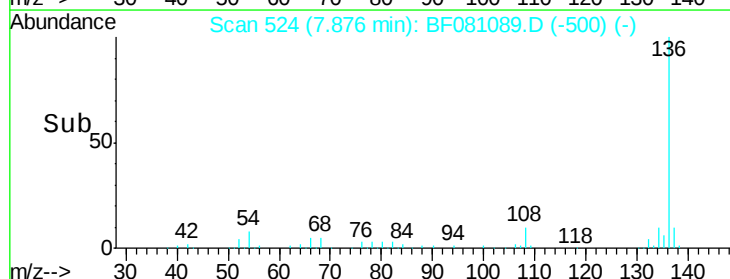
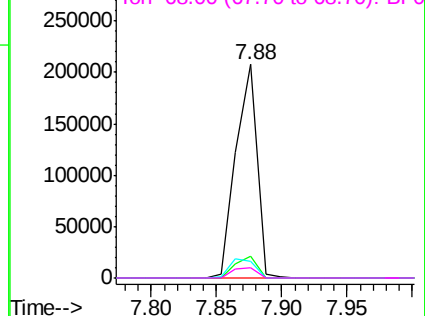


Abundance Ion 136.00 (135.70 to 136.70): E

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

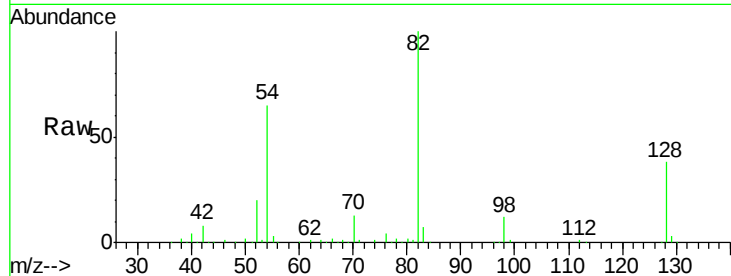




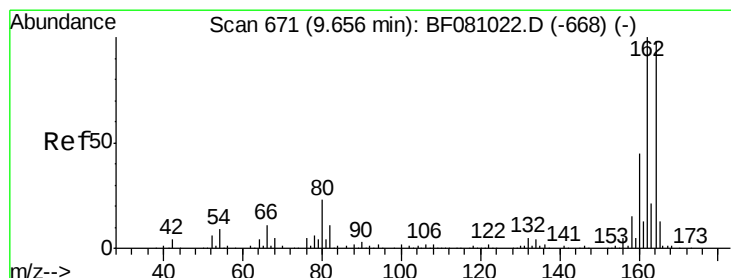
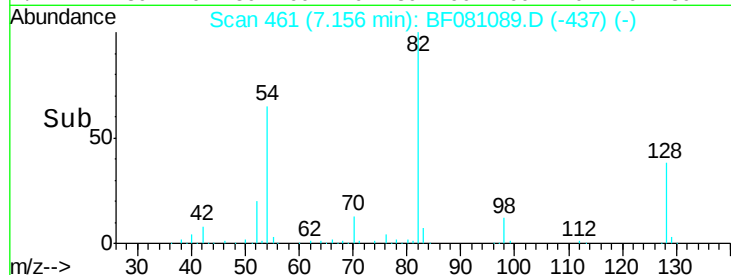
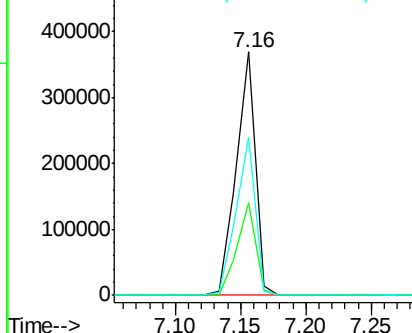
#23
 Nitrobenzene-d5
 Concen: 73.33 ng
 RT: 7.16 min Scan# 461
 Delta R.T. -0.03 min
 Lab File: BF081089.D
 Acq: 19 Aug 2015 19:21

Instrument :
 BNA_F
 ClientSampleId :
 PB85064TB

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.9	28.6	42.8
54	64.7	55.1	82.7

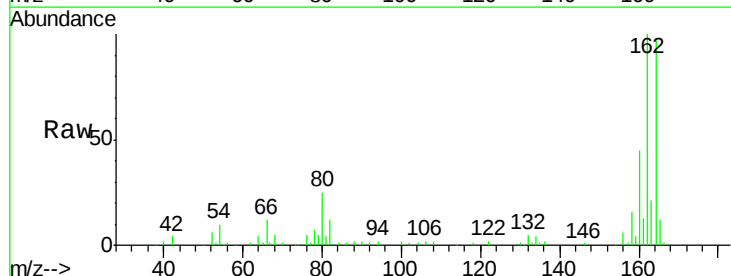


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

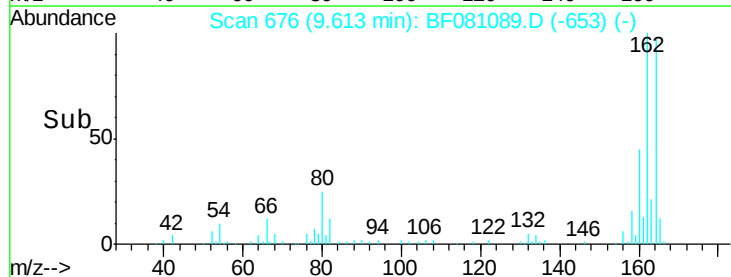
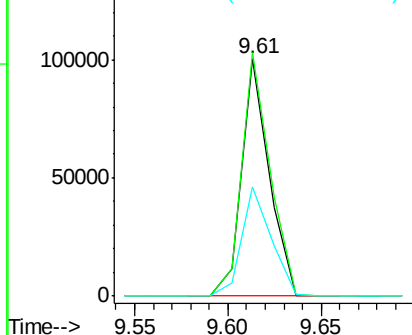


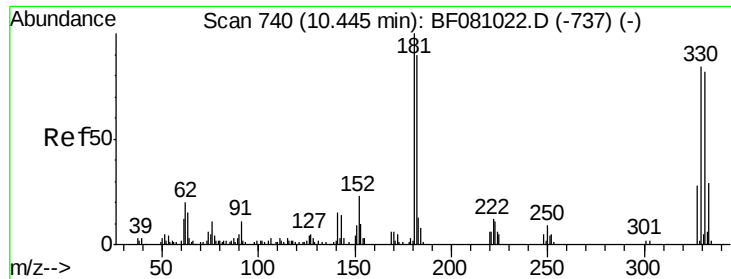
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 676
 Delta R.T. -0.04 min
 Lab File: BF081089.D
 Acq: 19 Aug 2015 19:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	83.8	125.8
160	46.3	39.8	59.8



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: 117.80 ng

RT: 10.40 min Scan# 745

Delta R.T. -0.04 min

Lab File: BF081089.D

Acq: 19 Aug 2015 19:21

Instrument :

BNA_F

ClientSampleId :

PB85064TB

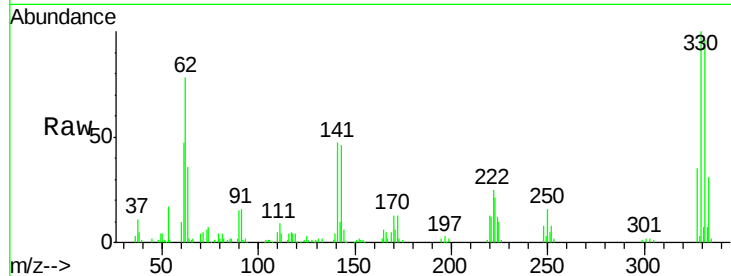
Tgt Ion:330 Resp: 104994

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

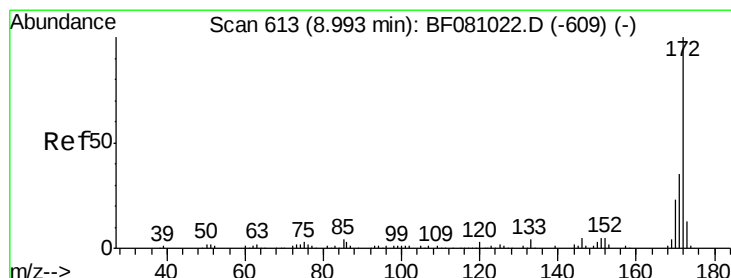
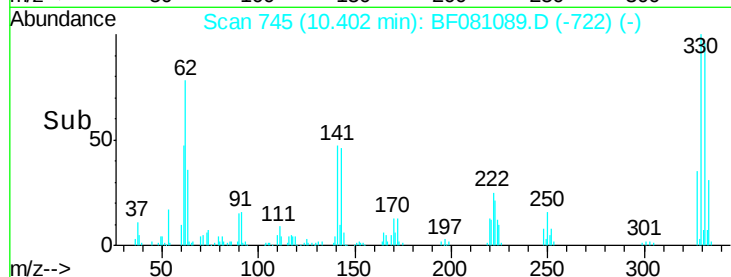
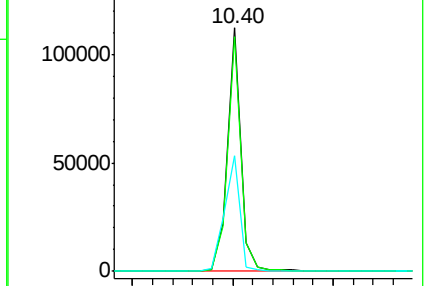
141 53.3 44.9 67.3



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: 71.96 ng

RT: 8.95 min Scan# 618

Delta R.T. -0.04 min

Lab File: BF081089.D

Acq: 19 Aug 2015 19:21

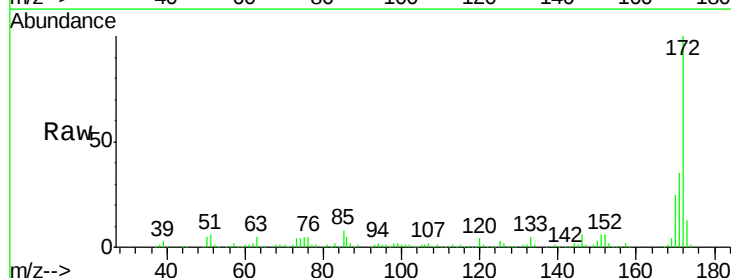
Tgt Ion:172 Resp: 564712

Ion Ratio Lower Upper

172 100

171 35.5 28.9 43.3

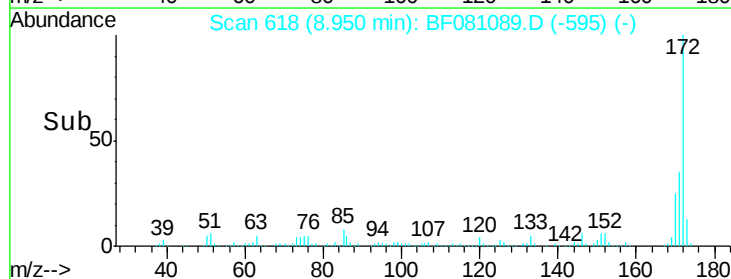
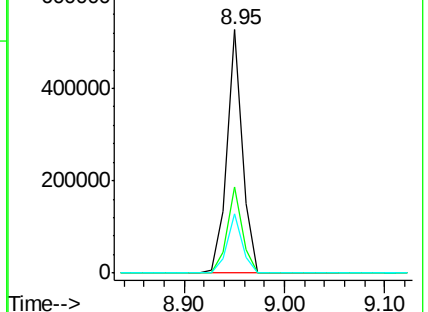
170 24.6 19.4 29.2

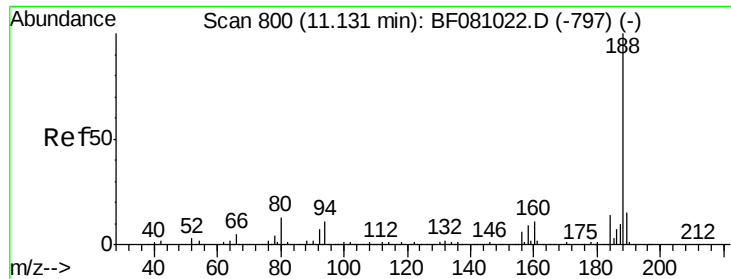


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

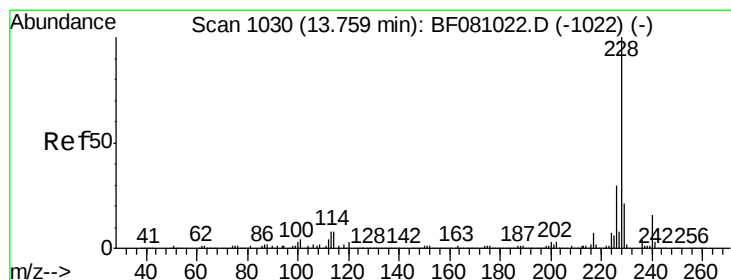
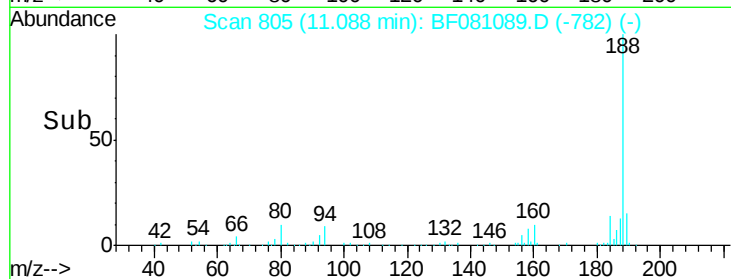
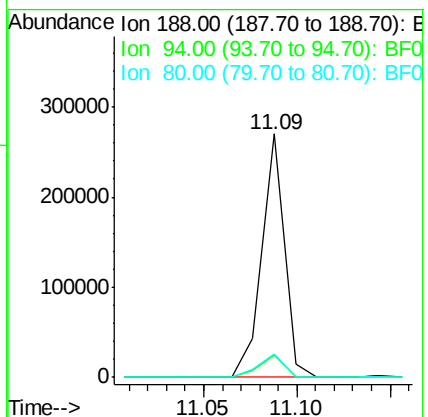
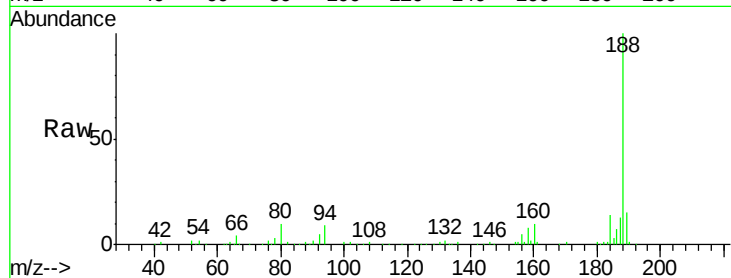




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 805
Delta R.T. -0.04 min
Lab File: BF081089.D
Acq: 19 Aug 2015 19:21

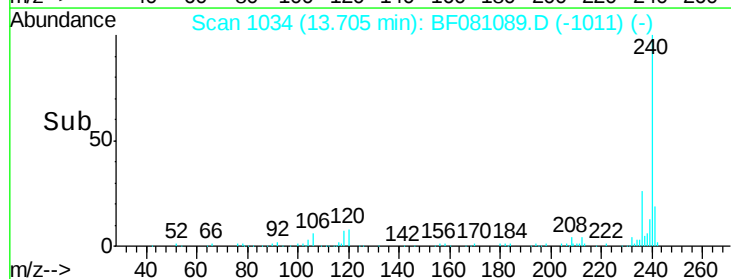
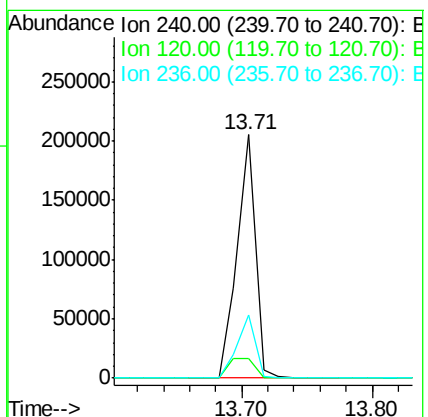
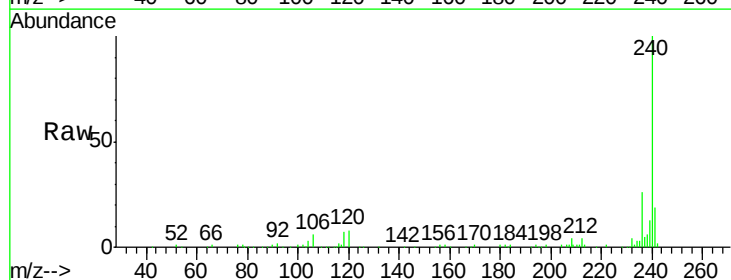
Instrument :
BNA_F
ClientSampleId :
PB85064TB

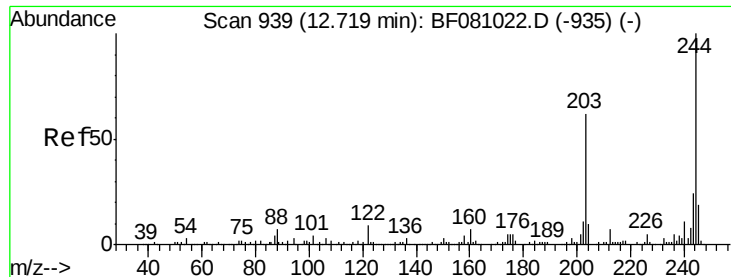
Tgt Ion:188 Resp: 226010
Ion Ratio Lower Upper
188 100
94 9.3 8.2 12.2
80 9.9 9.5 14.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1034
Delta R.T. -0.04 min
Lab File: BF081089.D
Acq: 19 Aug 2015 19:21

Tgt Ion:240 Resp: 200207
Ion Ratio Lower Upper
240 100
120 8.3 5.6 8.4
236 25.9 20.6 30.8

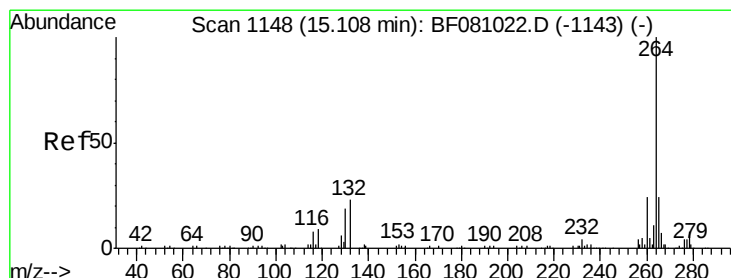
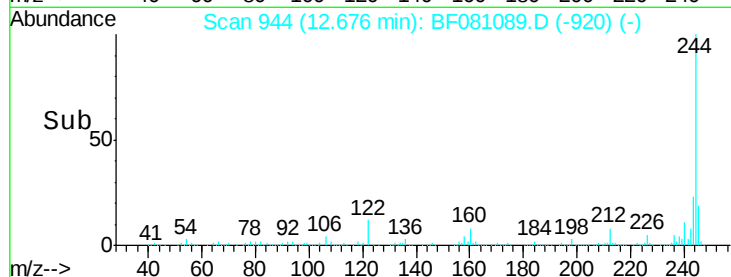
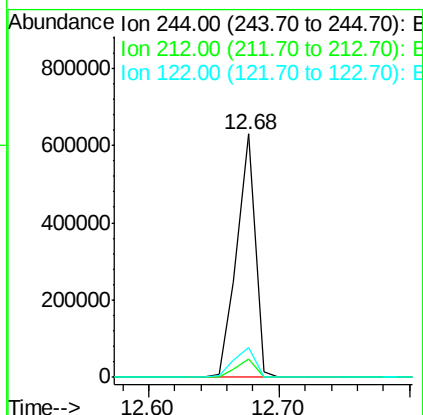
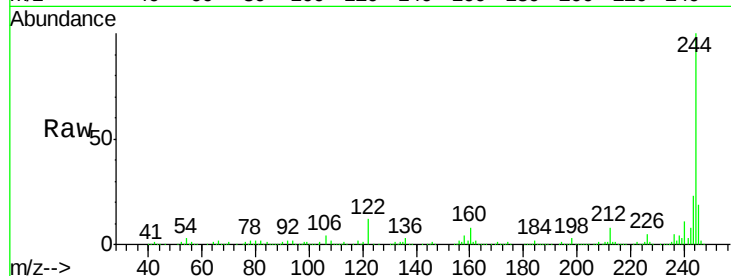




#78
 Terphenyl-d14
 Concen: 66.24 ng
 RT: 12.68 min Scan# 944
 Delta R.T. -0.03 min
 Lab File: BF081089.D
 Acq: 19 Aug 2015 19:21

Instrument :
 BNA_F
 ClientSampleId :
 PB85064TB

Tgt Ion: 244 Resp: 618648
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 12.2 8.2 12.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1151
 Delta R.T. -0.05 min
 Lab File: BF081089.D
 Acq: 19 Aug 2015 19:21

Tgt Ion: 264 Resp: 152807
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.6 29.4
 265 21.0 17.5 26.3

