

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
 Data File : BF081057.D
 Acq On : 18 Aug 2015 23:01
 Operator : UM/IZ
 Sample : PB85016BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85016BL

Quant Time: Aug 19 01:35:02 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	6.60	152	74614	20.00	ng	-0.02
21) Naphthalene-d8	7.88	136	282949	20.00	ng	-0.02
38) Acenaphthene-d10	9.63	164	148136	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	325502	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	289933	20.00	ng	-0.02
86) Perylene-d12	15.07	264	228872	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	511993	103.21	ng	0.00
7) Phenol-d6	6.25	99	635611	98.20	ng	-0.01
23) Nitrobenzene-d5	7.18	82	463803	74.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	138690	108.01	ng	-0.02
44) 2-Fluorobiphenyl	8.97	172	709329	62.74	ng	-0.02
78) Terphenyl-d14	12.70	244	776250	57.40	ng	-0.01

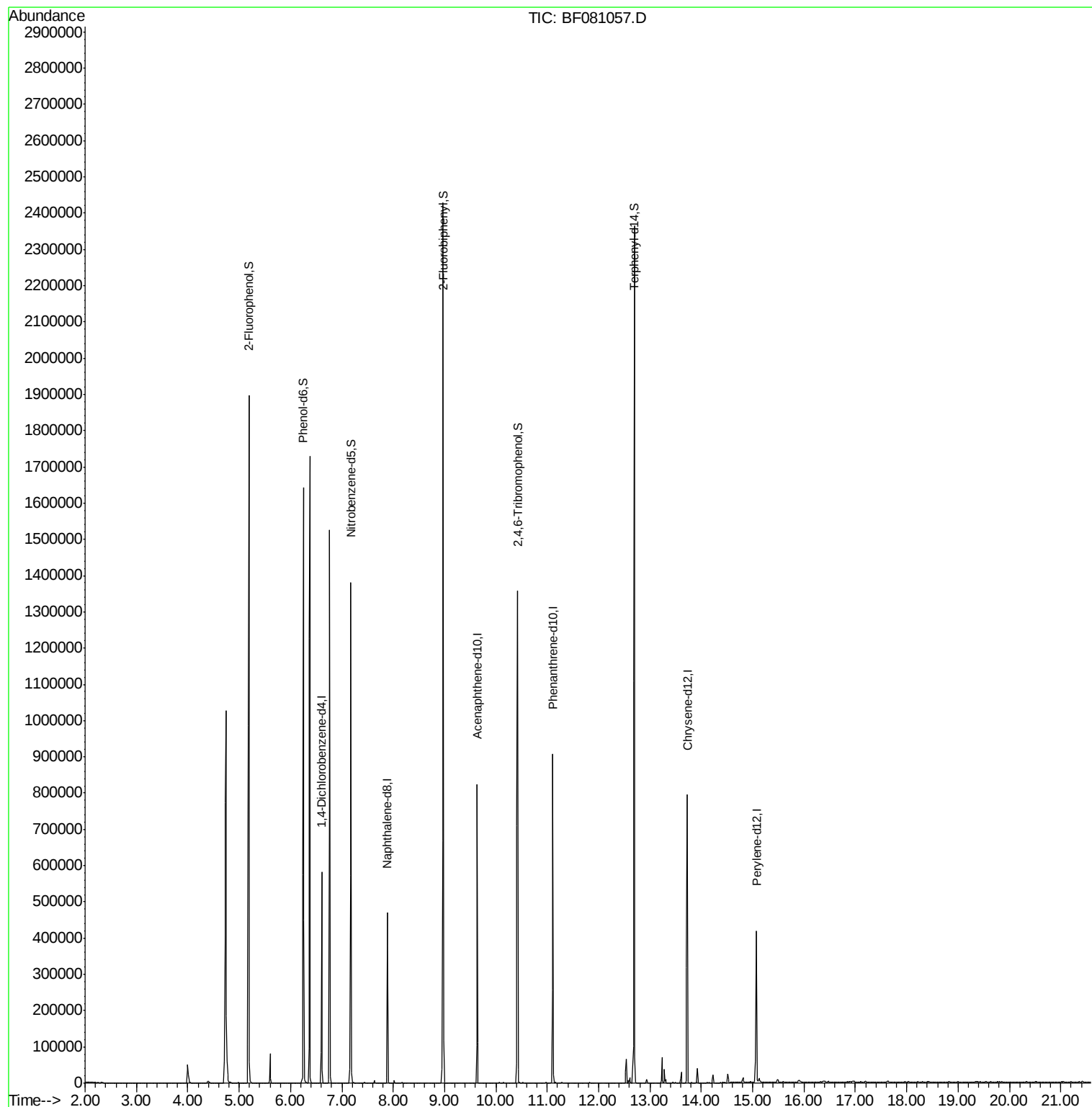
Target Compounds Qvalue

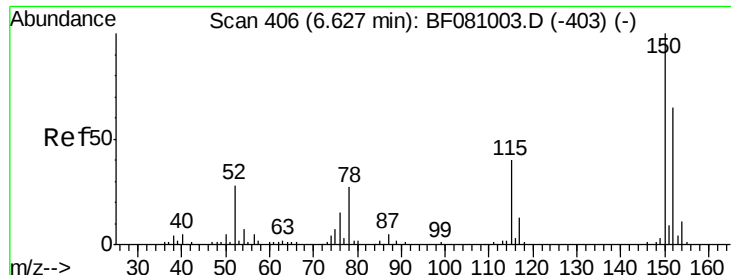
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF081057.D

Acq: 18 Aug 2015 23:01

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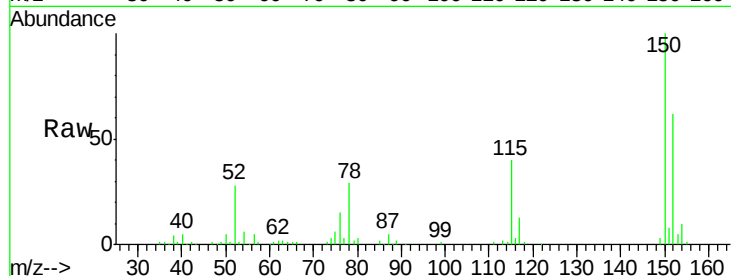
Tot Ion:152 Resp: 74614

Ion Ratio Lower Upper

152 100

150 161.0 123.8 185.6

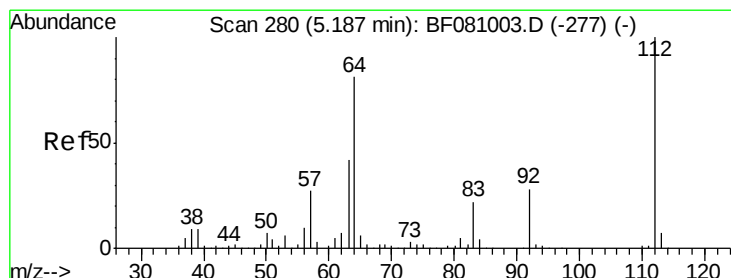
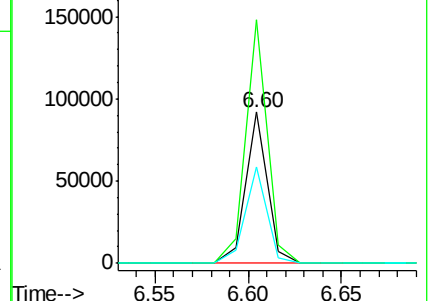
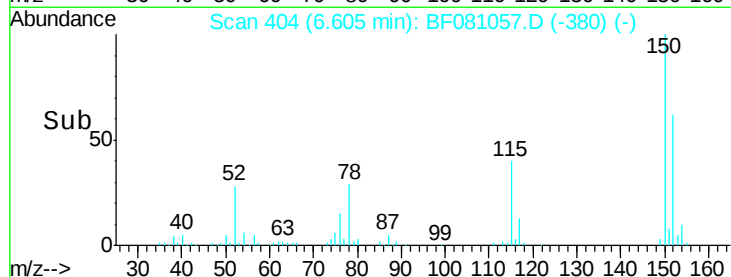
115 64.0 52.1 78.1



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: 103.21 ng

RT: 5.19 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF081057.D

Acq: 18 Aug 2015 23:01

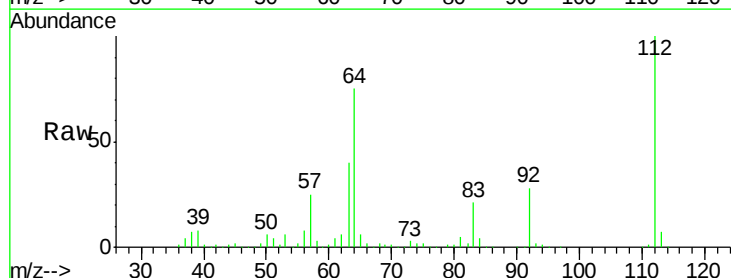
Tgt Ion:112 Resp: 511993

Ion Ratio Lower Upper

112 100

64 75.0 66.9 100.3

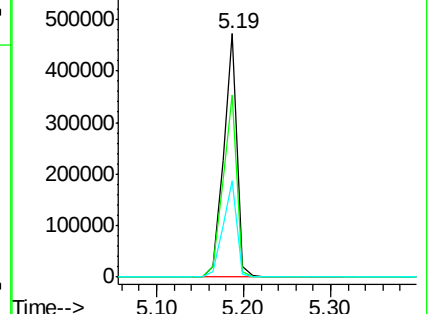
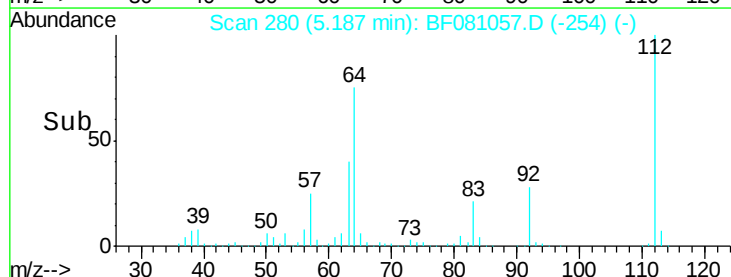
63 39.6 38.1 57.1

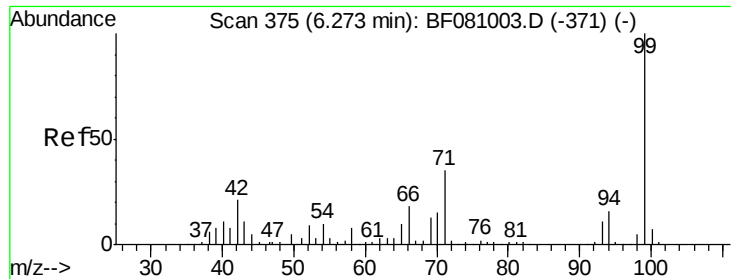


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 98.20 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF081057.D

Acq: 18 Aug 2015 23:01

Instrument :

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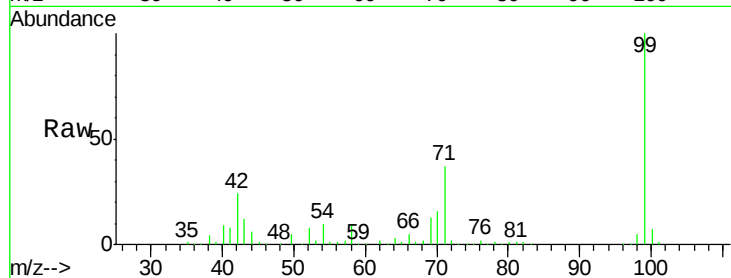
Tot Ion: 99 Resp: 635611

Ion Ratio Lower Upper

99 100

42 23.6 19.6 29.4

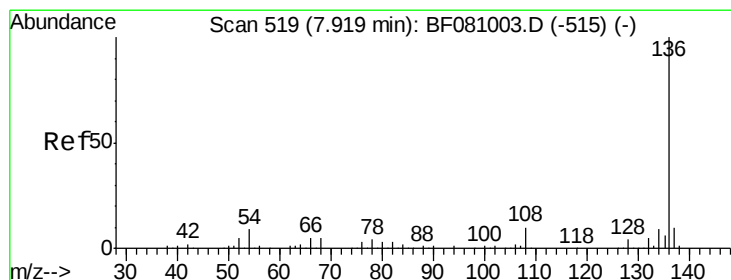
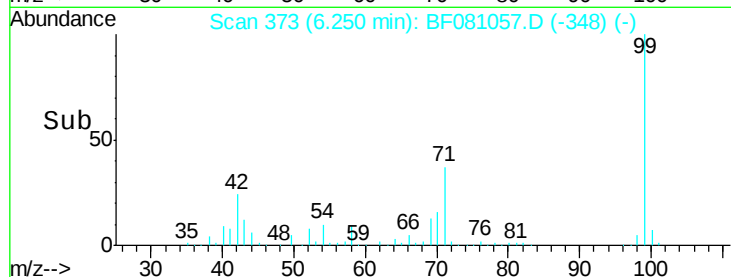
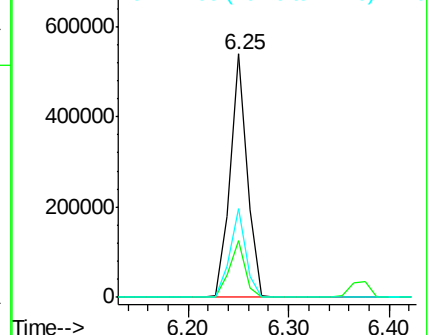
71 36.7 31.2 46.8



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# 516

Delta R.T. -0.02 min

Lab File: BF081057.D

Acq: 18 Aug 2015 23:01

Tgt Ion: 136 Resp: 282949

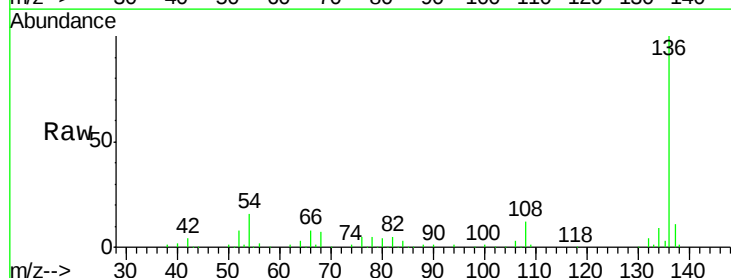
Ion Ratio Lower Upper

136 100

137 11.2 8.2 12.2

54 15.6 7.7 11.5#

68 7.4 3.4 5.2#

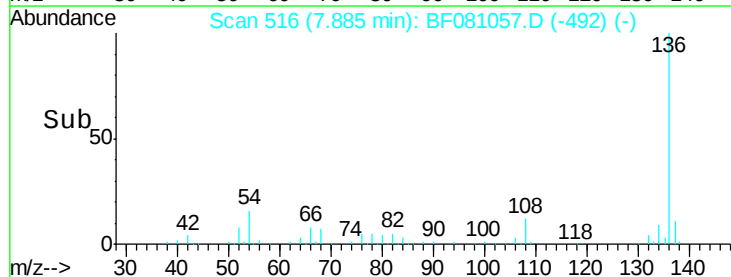
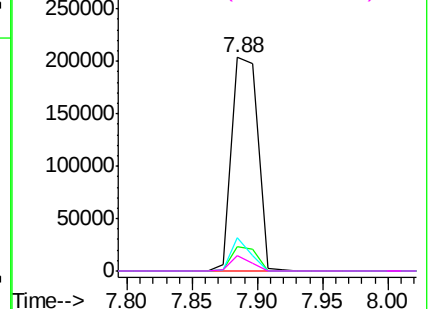


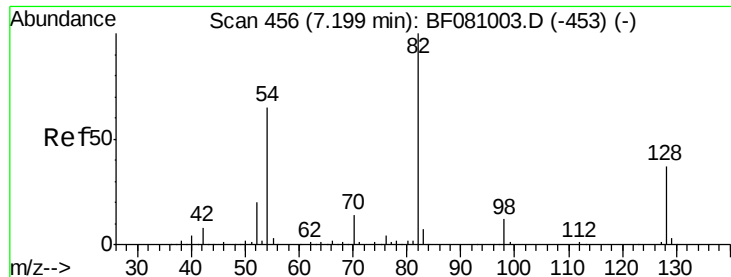
Abundance Ion 136.00 (135.70 to 136.70): E

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

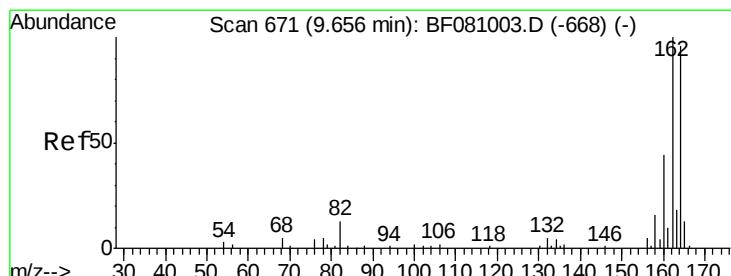
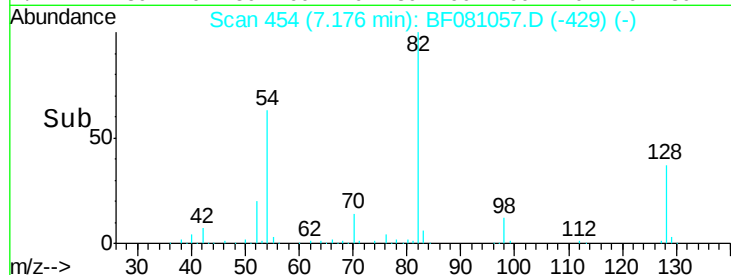
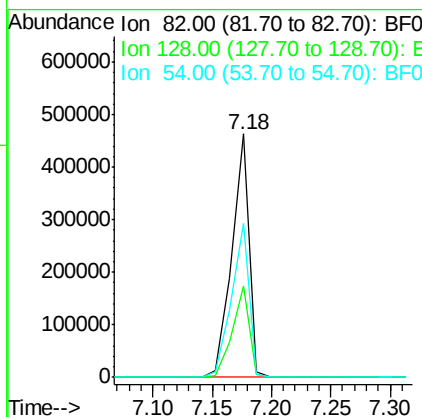
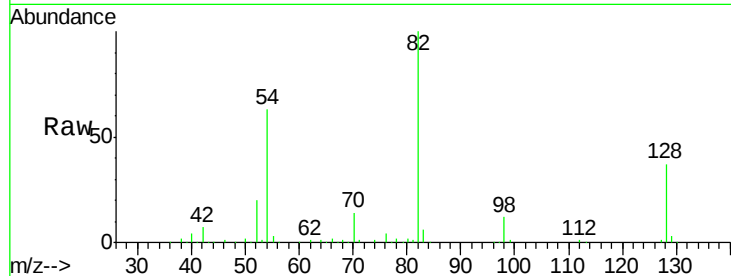




#23
 Nitrobenzene-d5
 Concen: 74.88 ng
 RT: 7.18 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF081057.D
 Acq: 18 Aug 2015 23:01

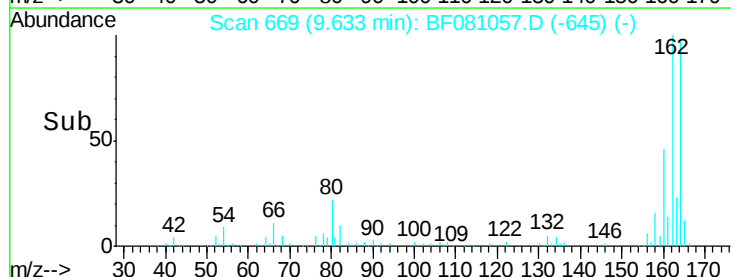
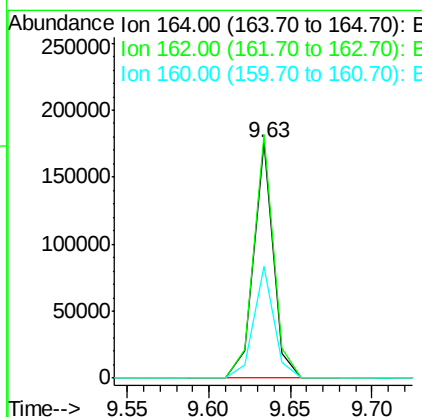
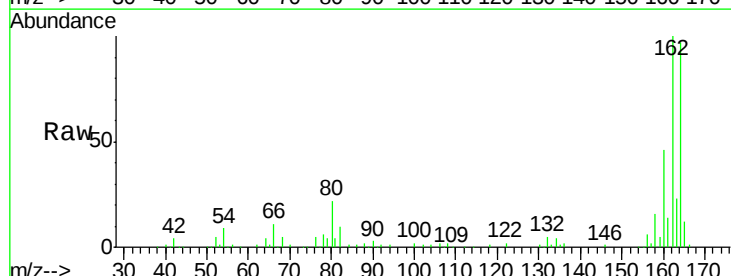
Instrument :
 BNA_F
 ClientSampleId :
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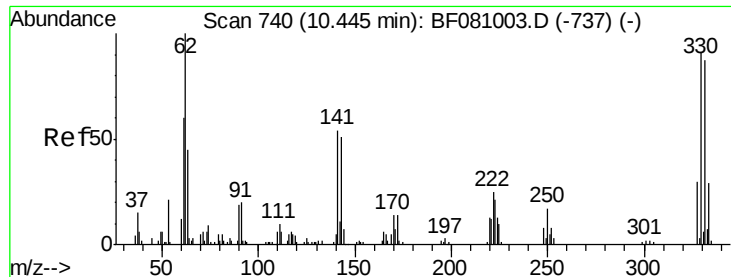
Tot Ion	82	Resp	463803
Ion Ratio	Lower	Upper	
82	100		
128	37.4	28.6	42.8
54	63.3	55.1	82.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 669
 Delta R.T. -0.02 min
 Lab File: BF081057.D
 Acq: 18 Aug 2015 23:01

Tgt Ion	164	Resp	148136
Ion Ratio	Lower	Upper	
164	100		
162	103.3	83.8	125.8
160	47.3	39.8	59.8

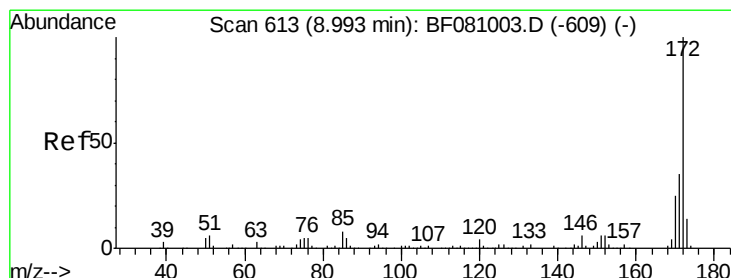
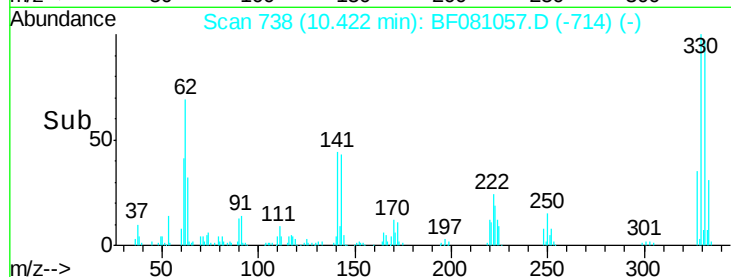
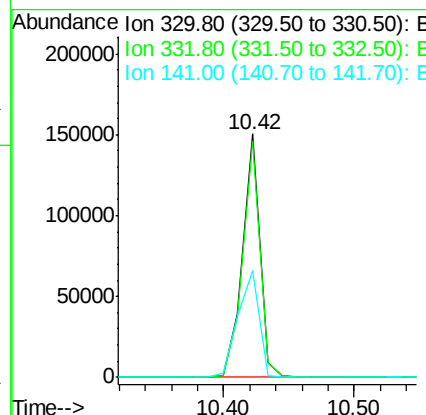
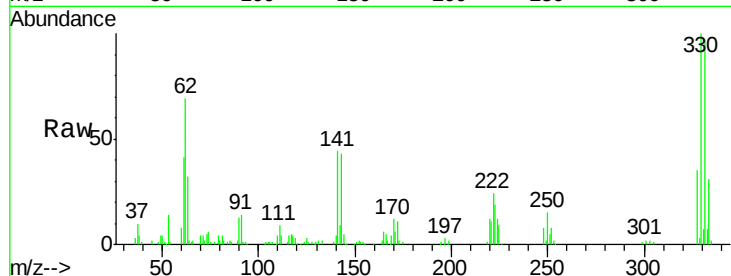




#41
 2,4,6-Tribromophenol
 Concen: 108.01 ng
 RT: 10.42 min Scan# 738
 Delta R.T. -0.02 min
 Lab File: BF081057.D
 Acq: 18 Aug 2015 23:01

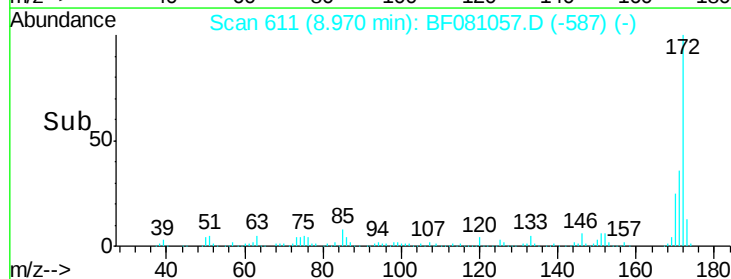
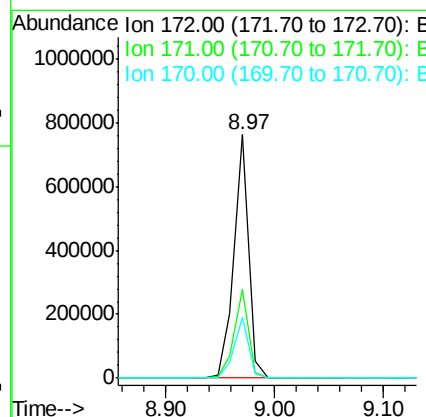
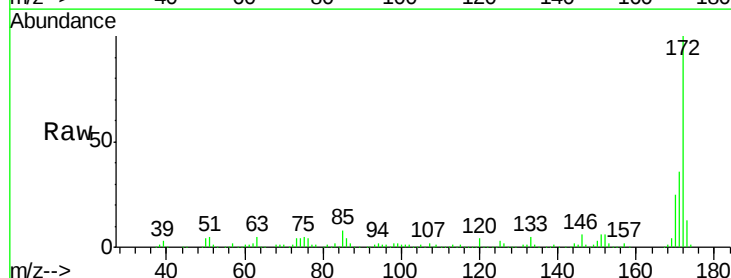
Instrument :
 BNA_F
 ClientSampleId :
 PB85016BL

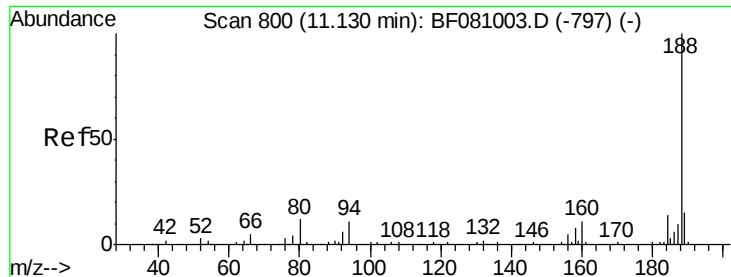
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	53.2	44.9	67.3



#44
 2-Fluorobiphenyl
 Concen: 62.74 ng
 RT: 8.97 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF081057.D
 Acq: 18 Aug 2015 23:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	25.0	19.4	29.2

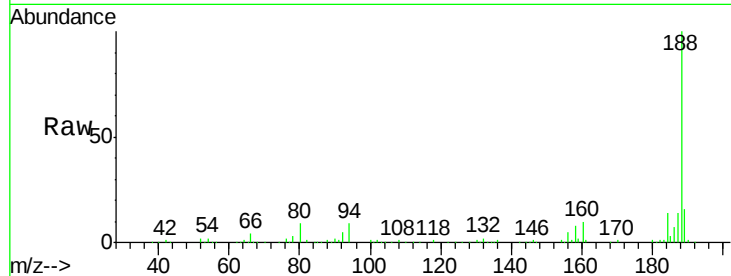




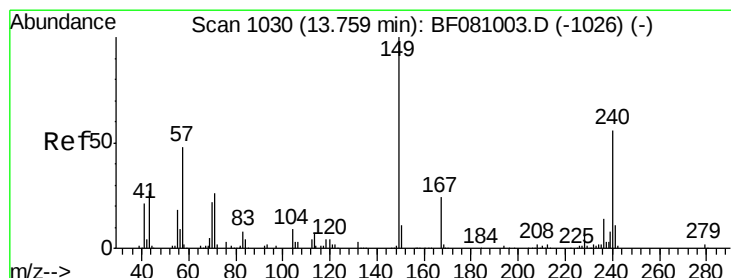
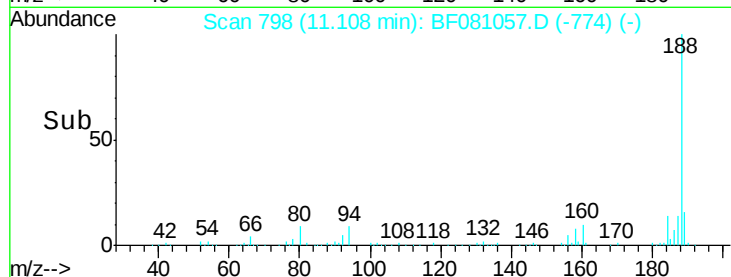
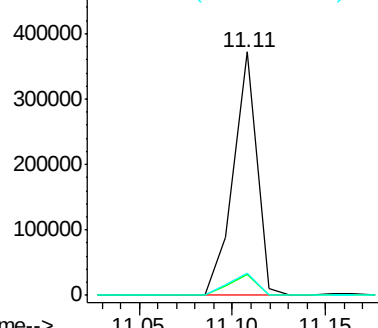
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF081057.D
Acq: 18 Aug 2015 23:01

Instrument :
BNA_F
ClientSampleId :
PB85016BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.2	12.2
80	9.3	9.5	14.3#

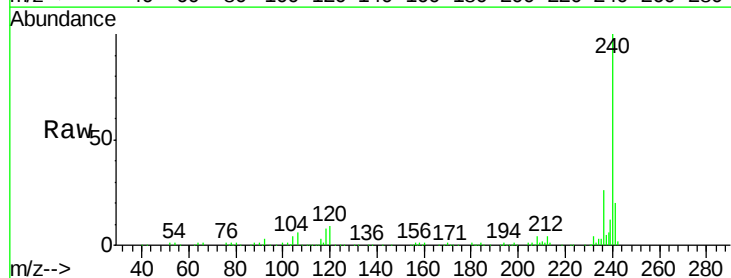


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

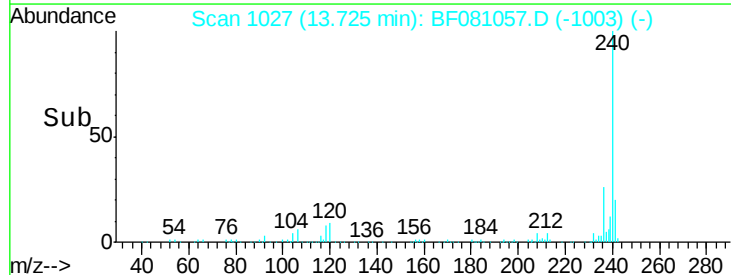
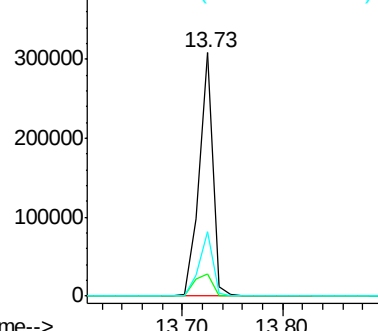


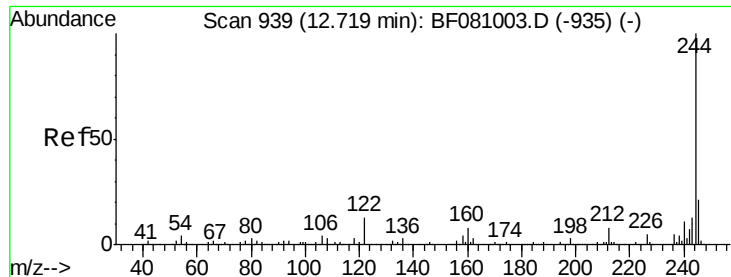
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF081057.D
Acq: 18 Aug 2015 23:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.3	5.6	8.4#
236	26.3	20.6	30.8



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

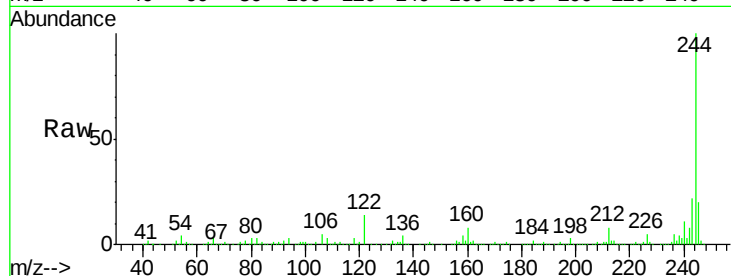




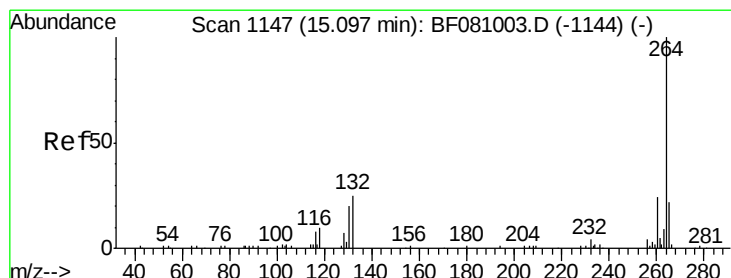
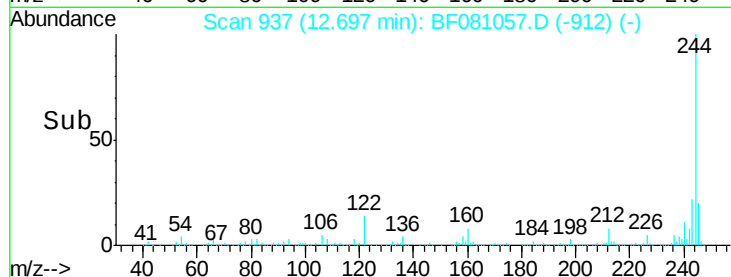
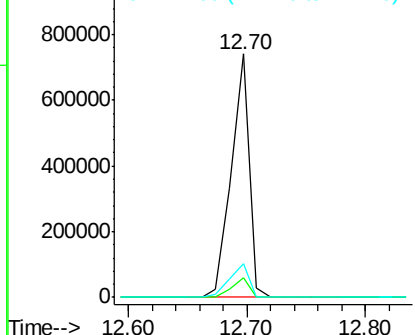
#78
 Terphenyl-d14
 Concen: 57.40 ng
 RT: 12.70 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF081057.D
 Acq: 18 Aug 2015 23:01

Instrument :
 BNA_F
 ClientSampleID :
 PB85016BL

Tot Ion:244 Resp: 776250
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.8
 122 14.0 8.2 12.4#

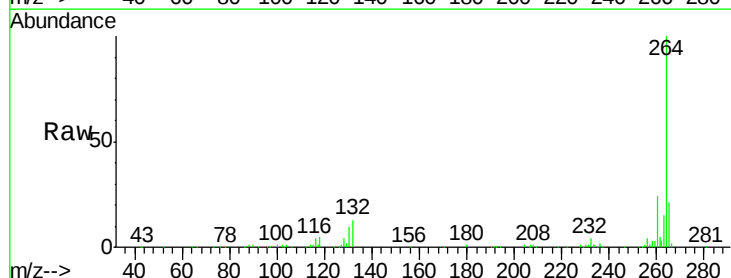


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1145
 Delta R.T. -0.02 min
 Lab File: BF081057.D
 Acq: 18 Aug 2015 23:01

Tgt Ion:264 Resp: 228872
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 20.6 17.5 26.3



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

