

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082915\
 Data File : BF081270.D
 Acq On : 29 Aug 2015 14:47
 Operator : UM/IZ
 Sample : PB85288BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85288BL

Quant Time: Aug 31 01:21:27 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 31 01:11:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	48657	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	190590	20.00	ng	0.00
38) Acenaphthene-d10	9.51	164	90143	20.00	ng	-0.01
63) Phenanthrene-d10	10.98	188	184159	20.00	ng	0.00
75) Chrysene-d12	13.59	240	151576	20.00	ng	-0.01
86) Perylene-d12	14.92	264	132799	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	239647	74.08	ng	0.01
7) Phenol-d6	6.13	99	322056	76.30	ng	-0.01
23) Nitrobenzene-d5	7.05	82	310620	74.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	66704	85.37	ng	-0.01
44) 2-Fluorobiphenyl	8.85	172	482449	70.13	ng	-0.01
78) Terphenyl-d14	12.56	244	502610	71.09	ng	-0.01

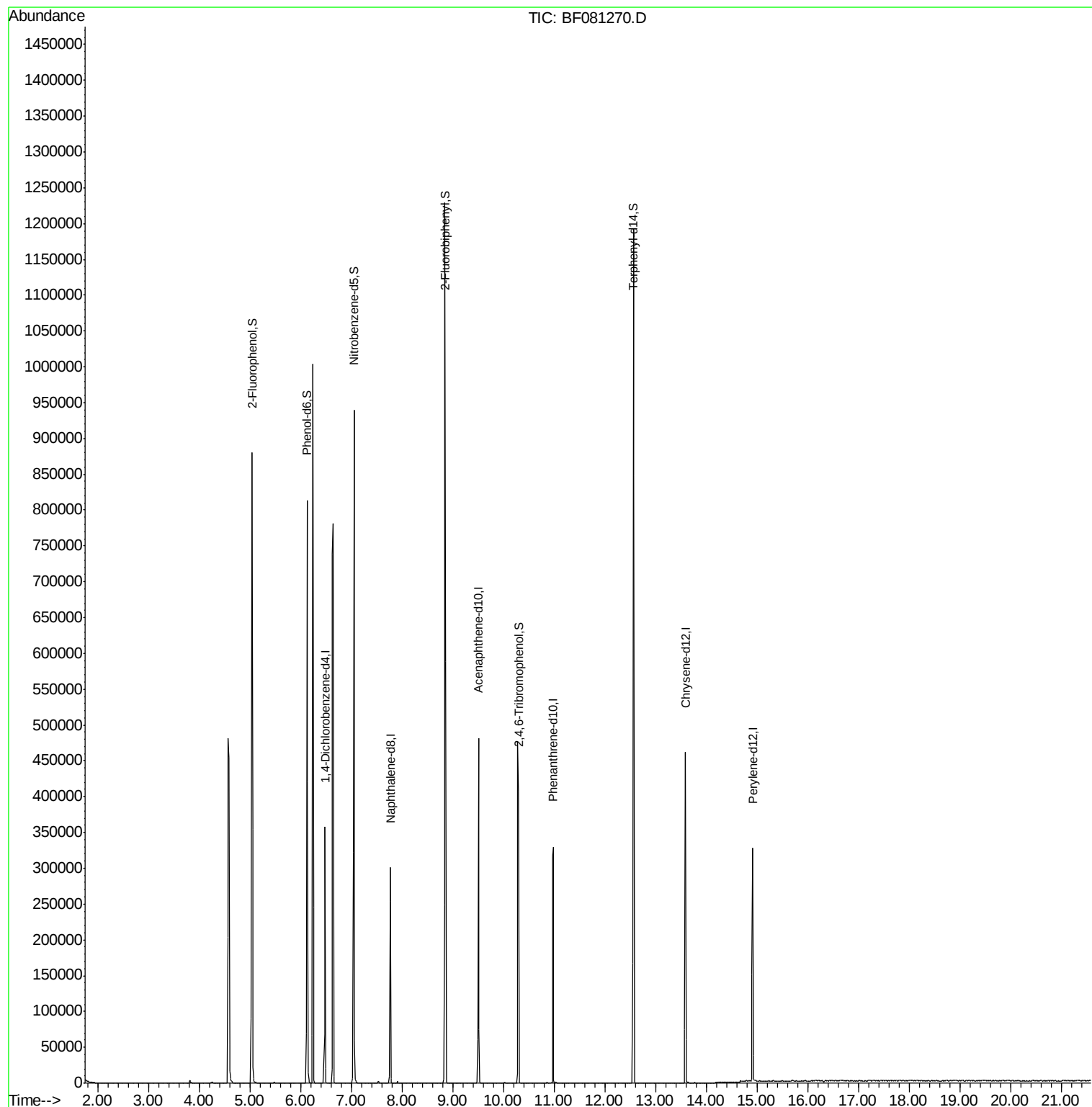
Target Compounds	Qvalue
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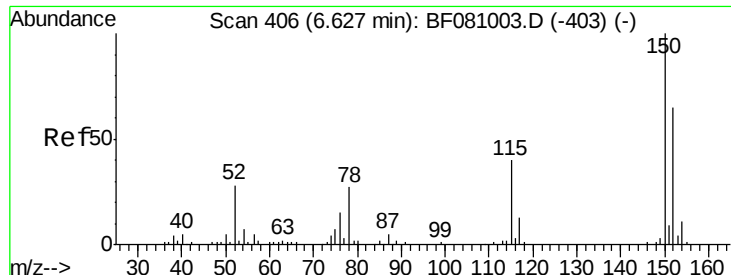
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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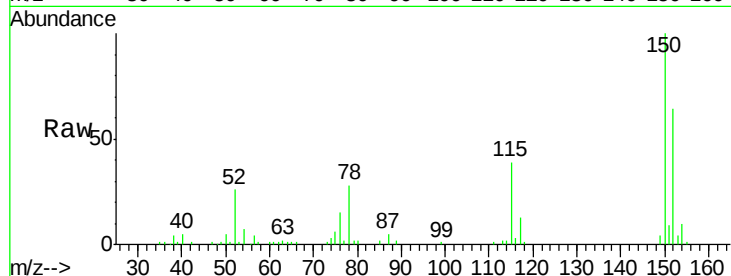


#1

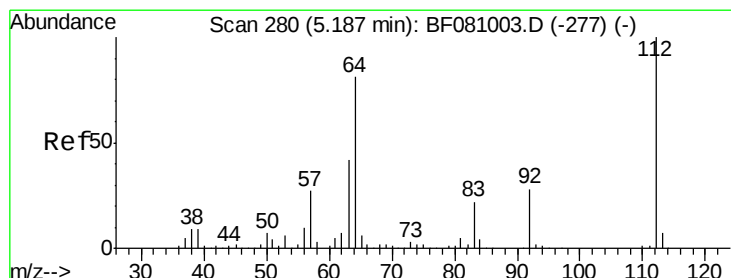
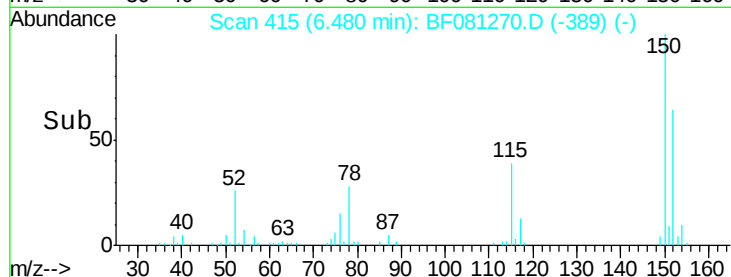
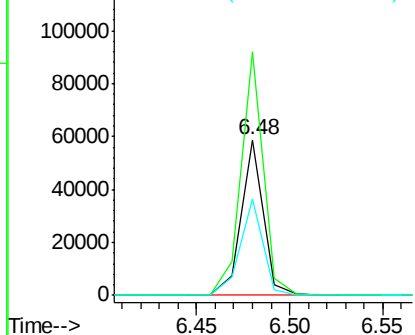
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.48 min Scan# 415
 Delta R.T. 0.00 min
 Lab File: BF081270.D
 Acq: 29 Aug 2015 14:47

Instrument :
 BNA_F
 ClientSampleId :
 PB85288BL

Tgt Ion:152 Resp: 48657
 Ion Ratio Lower Upper
 152 100
 150 156.2 123.8 185.6
 115 61.7 52.1 78.1



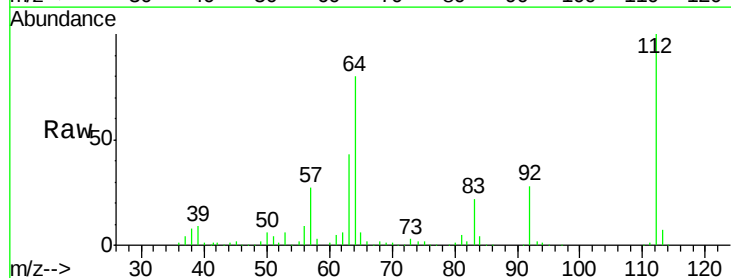
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



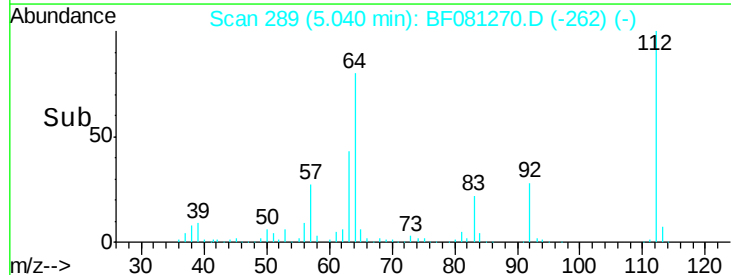
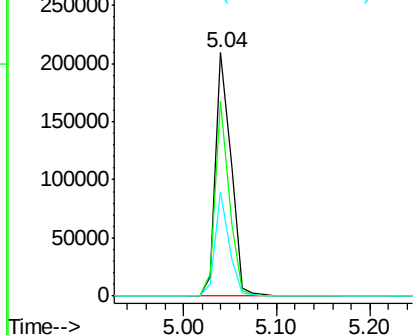
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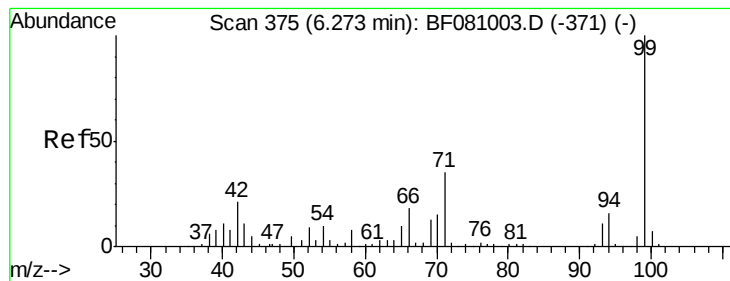
2-Fluorophenol
 Concen: 74.08 ng
 RT: 5.04 min Scan# 289
 Delta R.T. 0.01 min
 Lab File: BF081270.D
 Acq: 29 Aug 2015 14:47

Tgt Ion:112 Resp: 239647
 Ion Ratio Lower Upper
 112 100
 64 80.1 66.9 100.3
 63 42.9 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: 76.30 ng

RT: 6.13 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF081270.D

Acq: 29 Aug 2015 14:47

Instrument :

BNA_F

ClientSampleId :

PB85288BL

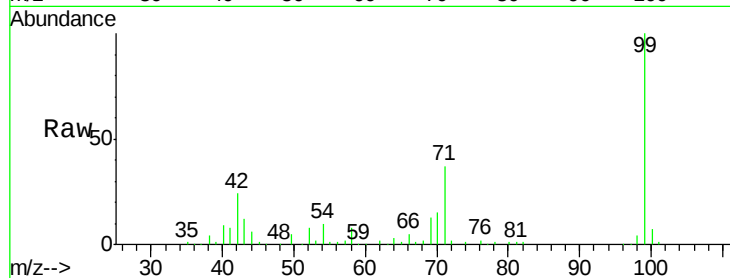
Tgt Ion: 99 Resp: 322056

Ion Ratio Lower Upper

99 100

42 23.9 19.6 29.4

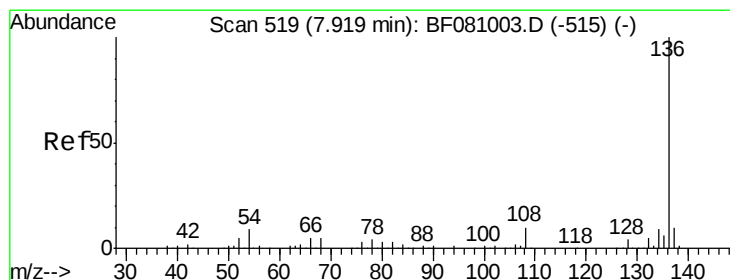
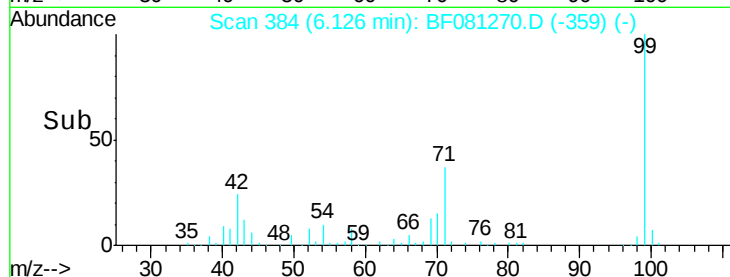
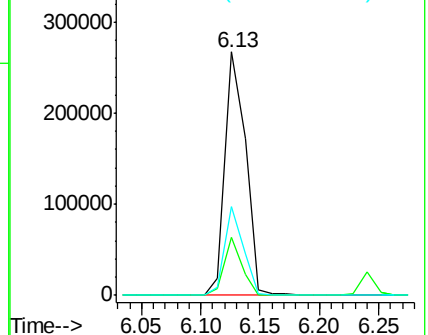
71 36.7 31.2 46.8



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: 7.77 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF081270.D

Acq: 29 Aug 2015 14:47

Tgt Ion: 136 Resp: 190590

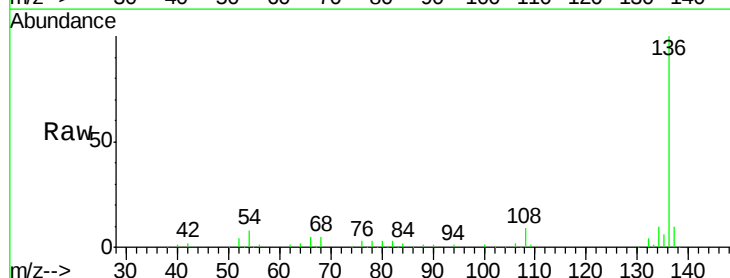
Ion Ratio Lower Upper

136 100

137 10.1 8.2 12.2

54 8.0 7.7 11.5

68 4.7 3.4 5.2

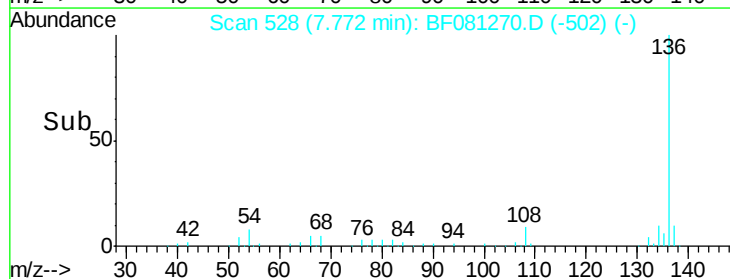
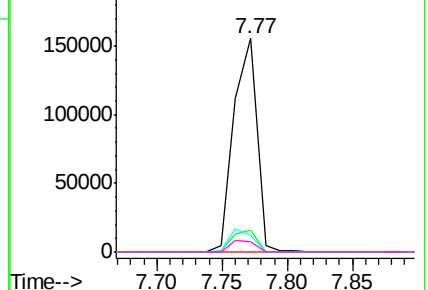


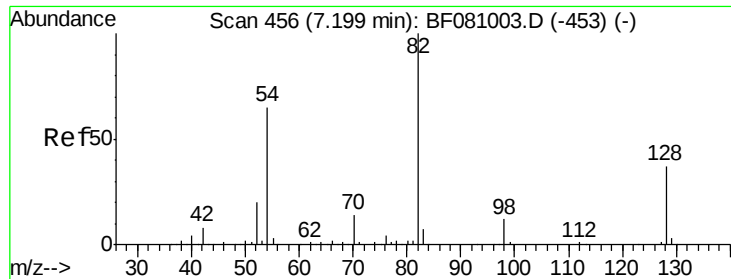
Abundance Ion 136.00 (135.70 to 136.70): E

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

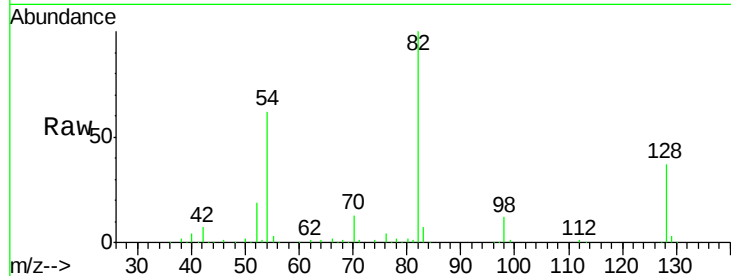




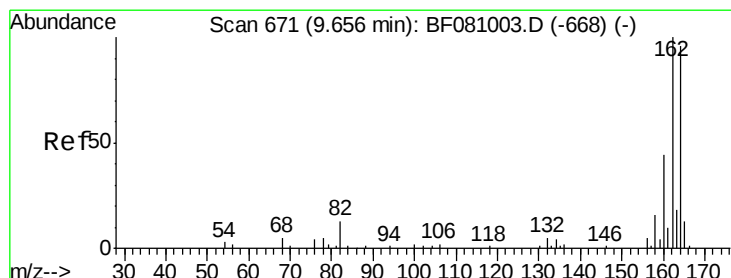
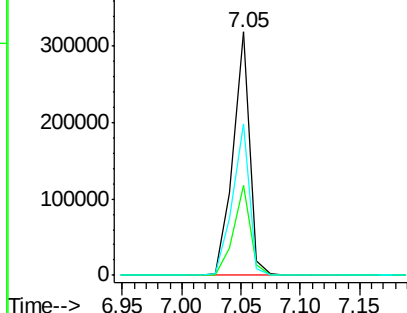
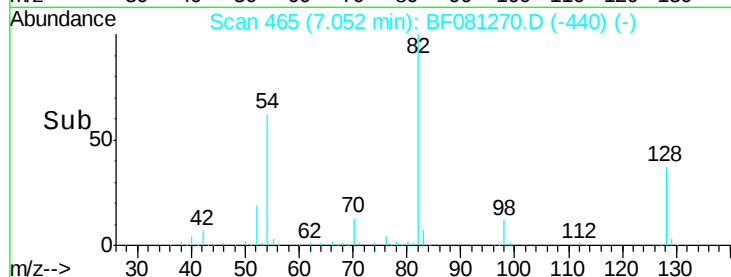
#23
 Nitrobenzene-d5
 Concen: 74.45 ng
 RT: 7.05 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF081270.D
 Acq: 29 Aug 2015 14:47

Instrument :
 BNA_F
 ClientSampleId :
 PB85288BL

Tgt Ion: 82 Resp: 310620
 Ion Ratio Lower Upper
 82 100
 128 37.2 28.6 42.8
 54 62.1 55.1 82.7

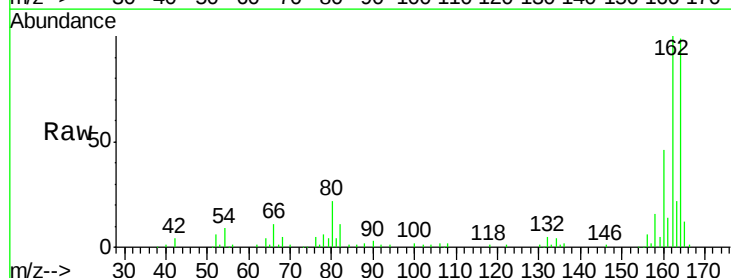


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

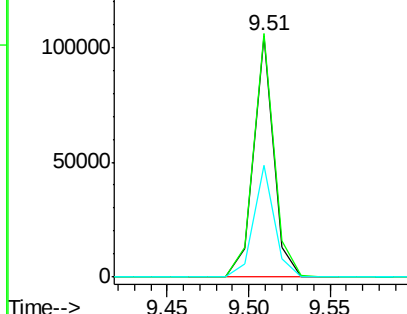
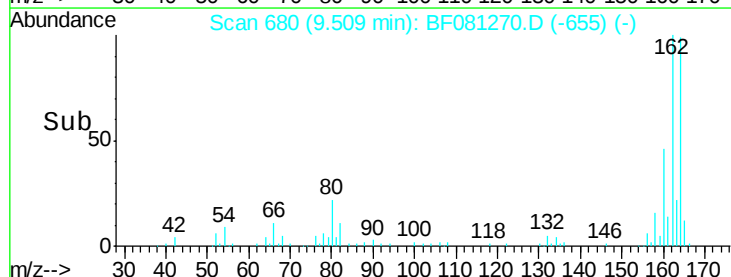


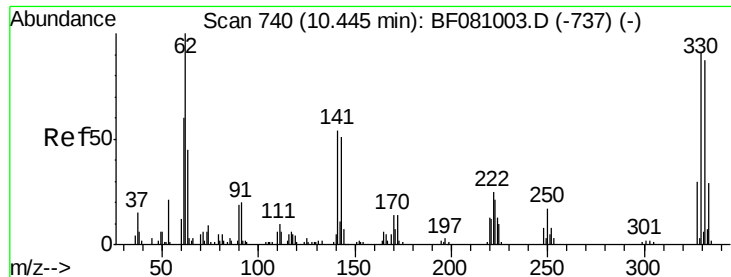
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BF081270.D
 Acq: 29 Aug 2015 14:47

Tgt Ion: 164 Resp: 90143
 Ion Ratio Lower Upper
 164 100
 162 101.0 83.8 125.8
 160 46.4 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

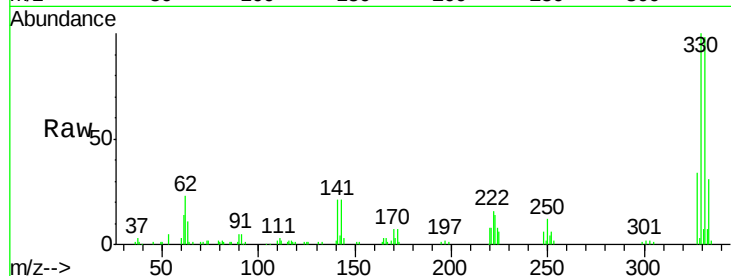




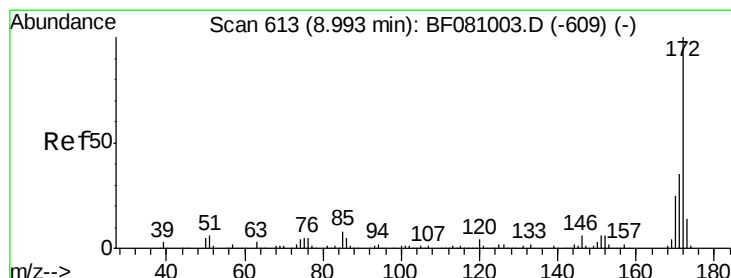
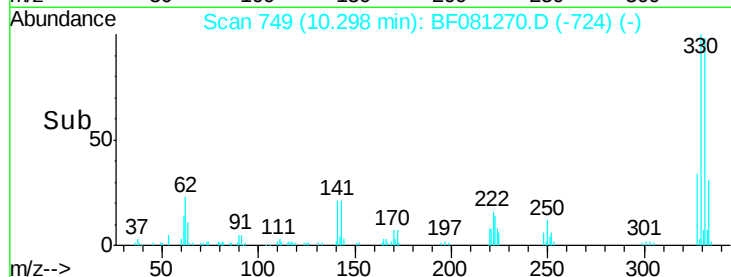
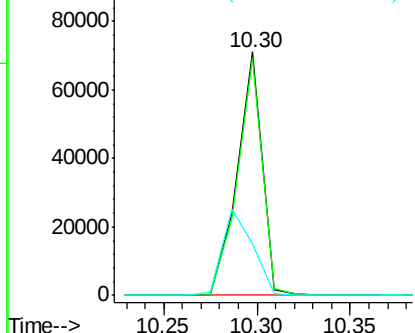
#41
 2,4,6-Tribromophenol
 Concen: 85.37 ng
 RT: 10.30 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF081270.D
 Acq: 29 Aug 2015 14:47

Instrument :
 BNA_F
 ClientSampleId :
 PB85288BL

Tgt Ion:330 Resp: 66704
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.3 115.9
 141 42.8 44.9 67.3#

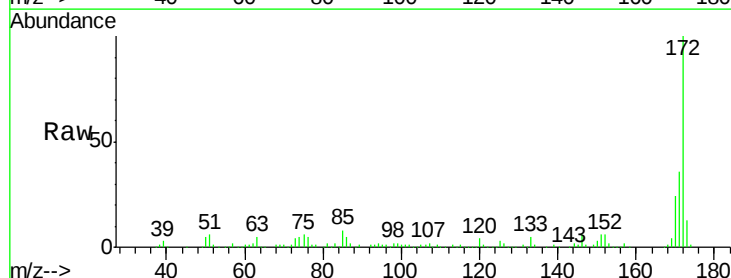


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

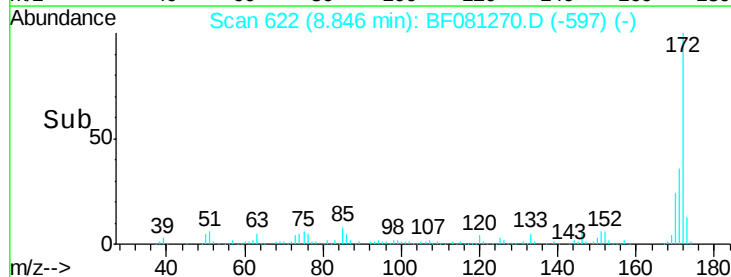
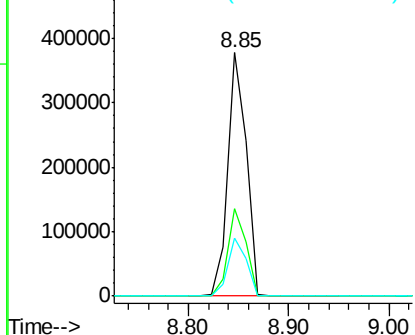


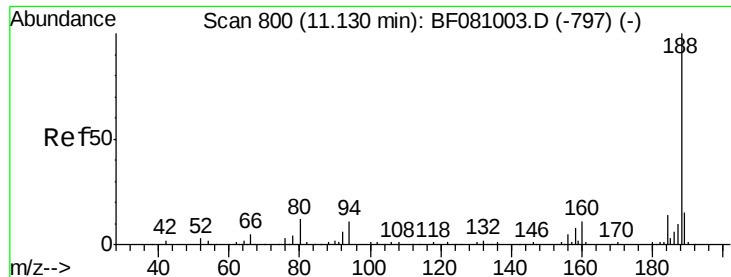
#44
 2-Fluorobiphenyl
 Concen: 70.13 ng
 RT: 8.85 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF081270.D
 Acq: 29 Aug 2015 14:47

Tgt Ion:172 Resp: 482449
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.9 43.3
 170 24.0 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

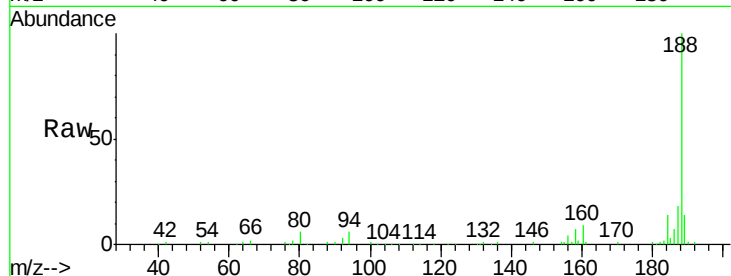




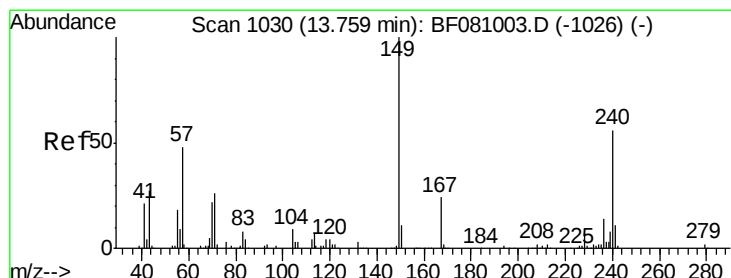
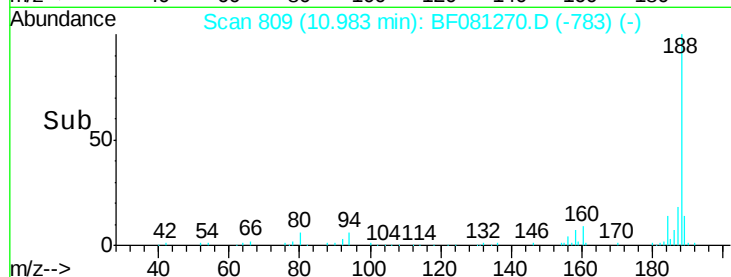
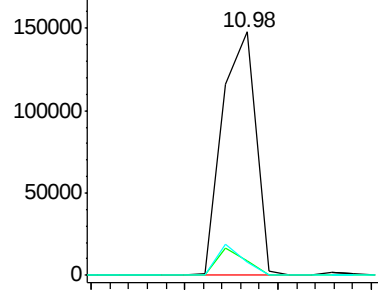
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.98 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF081270.D
Acq: 29 Aug 2015 14:47

Instrument :
BNA_F
ClientSampleId :
PB85288BL

Tgt Ion:188 Resp: 184159
Ion Ratio Lower Upper
188 100
94 5.9 8.2 12.2#
80 5.6 9.5 14.3#

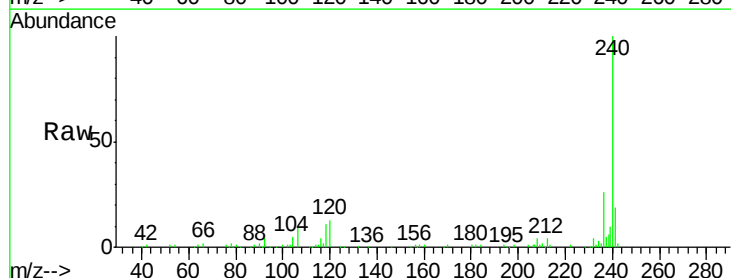


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

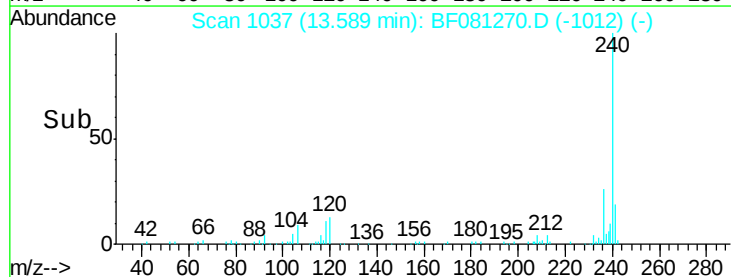
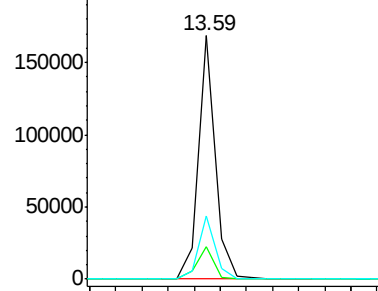


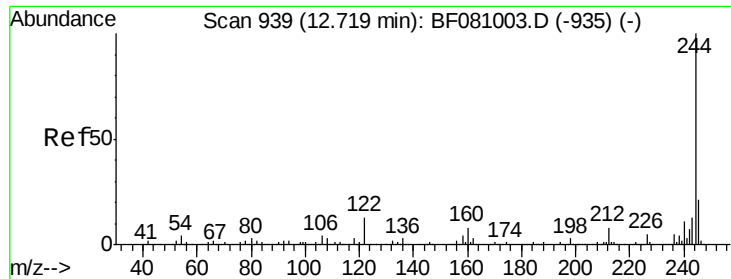
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.59 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF081270.D
Acq: 29 Aug 2015 14:47

Tgt Ion:240 Resp: 151576
Ion Ratio Lower Upper
240 100
120 13.2 5.6 8.4#
236 26.1 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

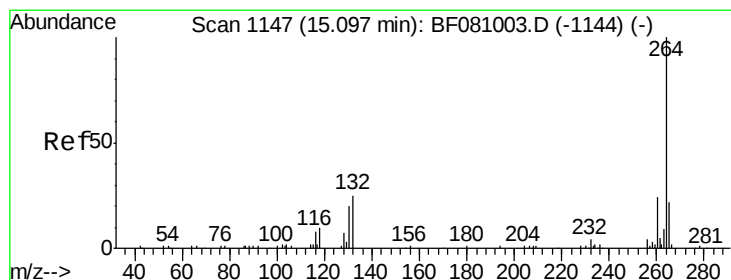
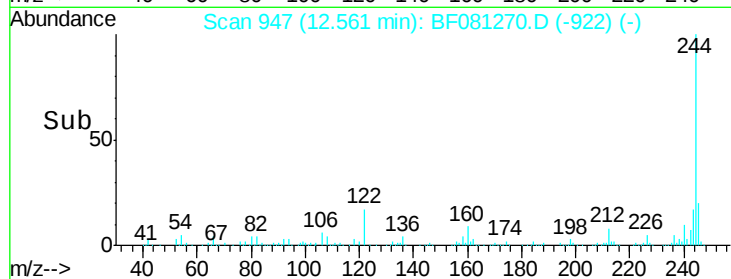
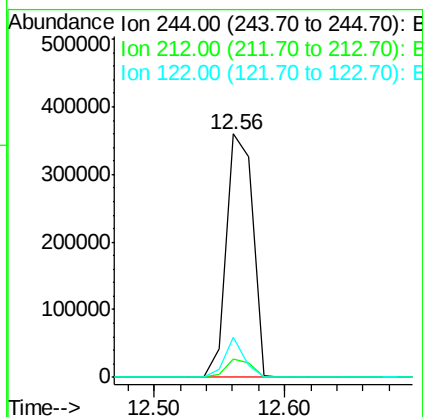
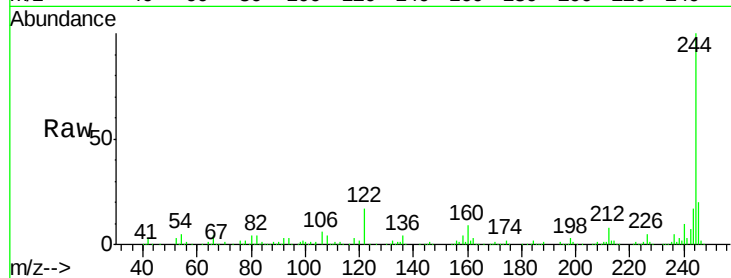




#78
 Terphenyl-d14
 Concen: 71.09 ng
 RT: 12.56 min Scan# 947
 Delta R.T. -0.01 min
 Lab File: BF081270.D
 Acq: 29 Aug 2015 14:47

Instrument :
 BNA_F
 ClientSampleID :
 PB85288BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	16.5	8.2	12.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.92 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF081270.D
 Acq: 29 Aug 2015 14:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	20.6	17.5	26.3

