

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012016\
 Data File : BF084570.D
 Acq On : 20 Jan 2016 17:50
 Operator : SJ/UM
 Sample : PB87882TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87882TB

Quant Time: Jan 20 22:35:22 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	196680	20.00	ng	-0.06
21) Naphthalene-d8	8.06	136	886006	20.00	ng	-0.06
38) Acenaphthene-d10	9.82	164	420380	20.00	ng	-0.05
63) Phenanthrene-d10	11.31	188	786018	20.00	ng	-0.05
75) Chrysene-d12	13.94	240	640007	20.00	ng	-0.06
86) Perylene-d12	15.36	264	492709	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1496581	123.08	ng	-0.05
7) Phenol-d6	6.43	99	1912310	125.22	ng	-0.05
23) Nitrobenzene-d5	7.34	82	1097913	68.97	ng	-0.06
41) 2,4,6-Tribromophenol	10.61	330	468885	110.48	ng	-0.06
44) 2-Fluorobiphenyl	9.15	172	2140033	89.92	ng	-0.05
78) Terphenyl-d14	12.90	244	1945685	67.86	ng	-0.05

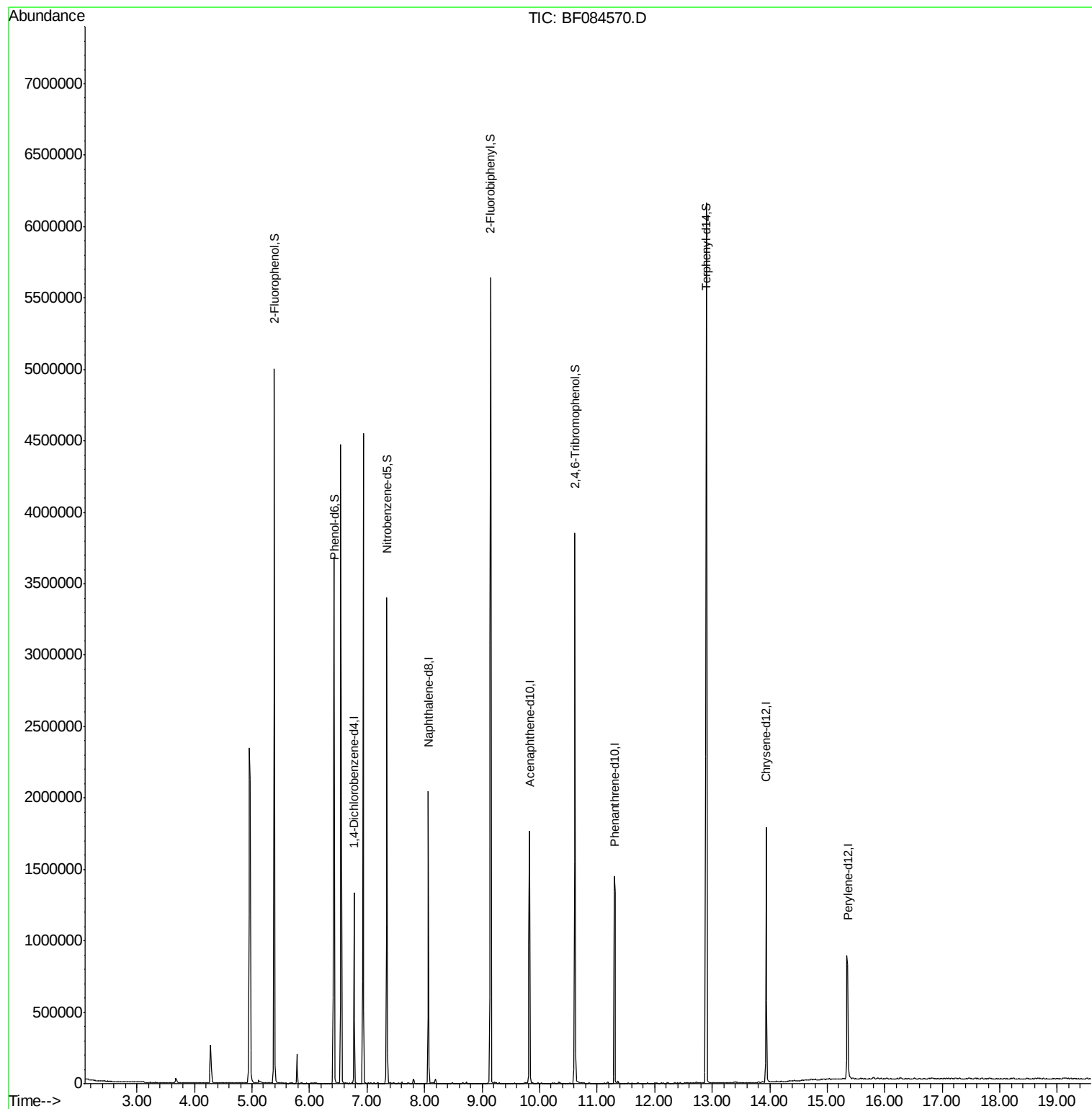
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.06 min

Lab File: BF084570.D

Acq: 20 Jan 2016 17:50

Instrument :

BNA_F

ClientSampleId :

PB87882TB

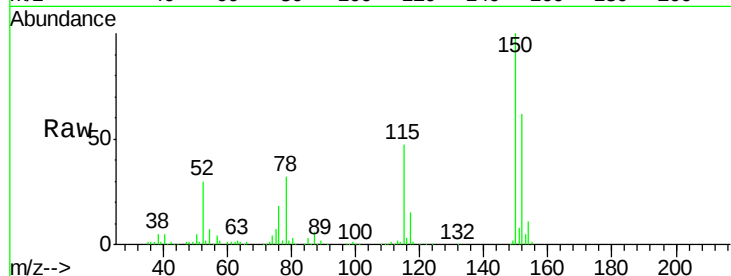
Tot Ion:152 Resp: 196680

Ion Ratio Lower Upper

152 100

150 161.0 123.0 184.4

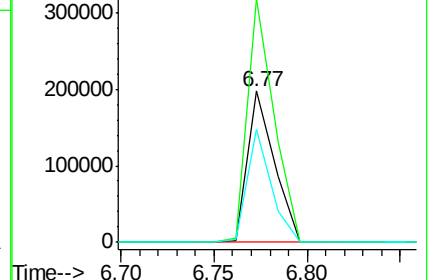
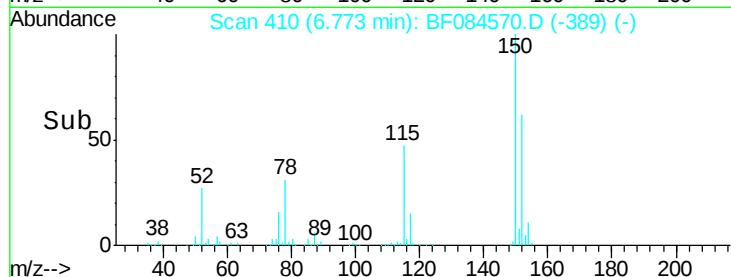
115 74.9 51.4 77.2



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: 123.08 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.05 min

Lab File: BF084570.D

Acq: 20 Jan 2016 17:50

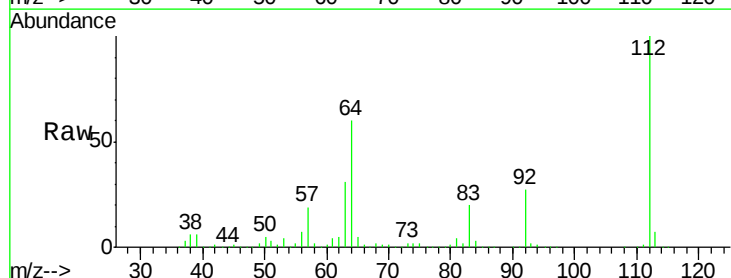
Tgt Ion:112 Resp: 1496581

Ion Ratio Lower Upper

112 100

64 60.1 36.6 55.0#

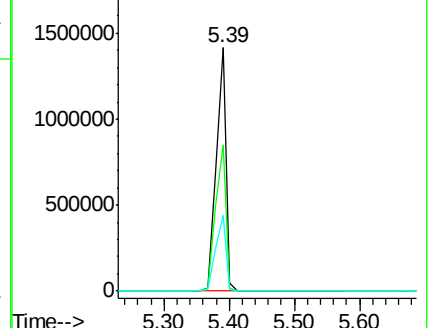
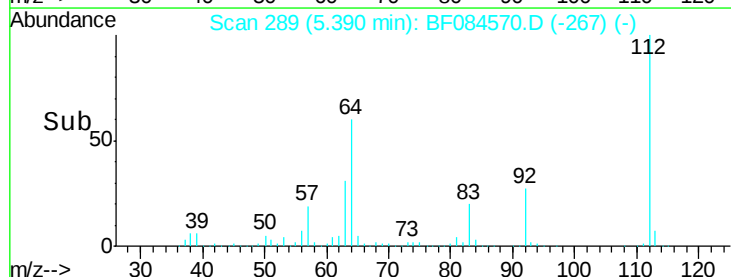
63 31.4 19.4 29.0#

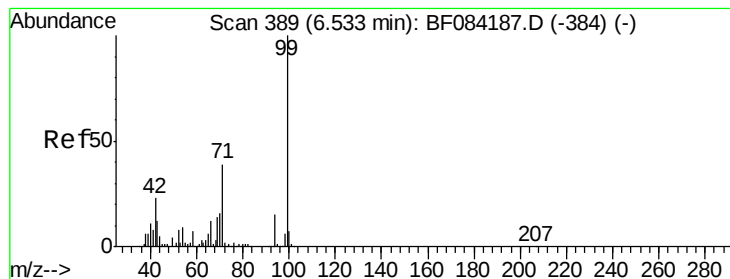


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 125.22 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.05 min

Lab File: BF084570.D

Acq: 20 Jan 2016 17:50

Instrument :

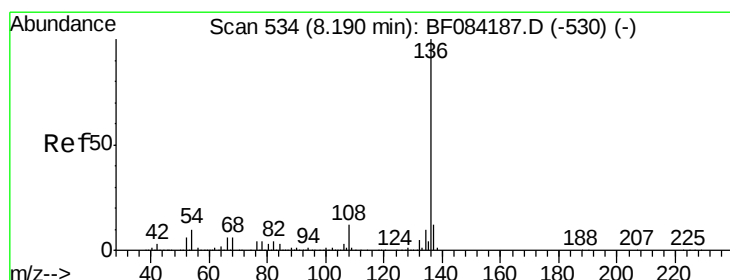
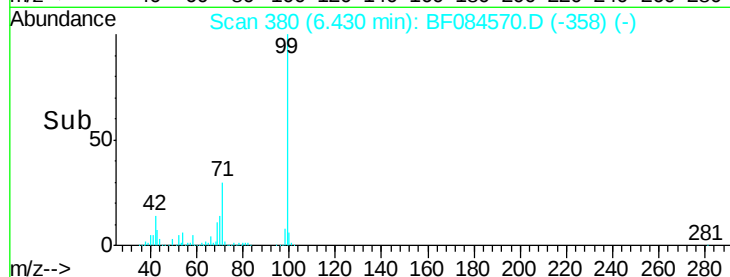
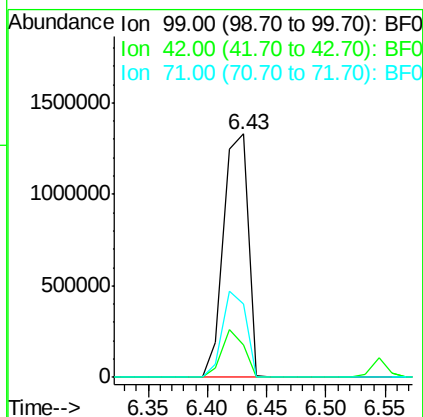
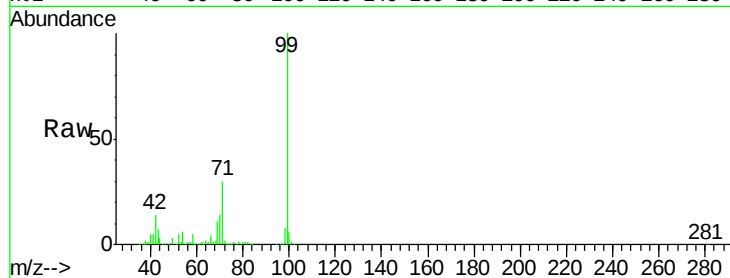
BNA_F

ClientSampleId :

PB87882TB

Tot Ion: 99 Resp: 1912310

Ion	Ratio	Lower	Upper
99	100		
42	13.5	12.8	19.2
71	30.0	30.9	46.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

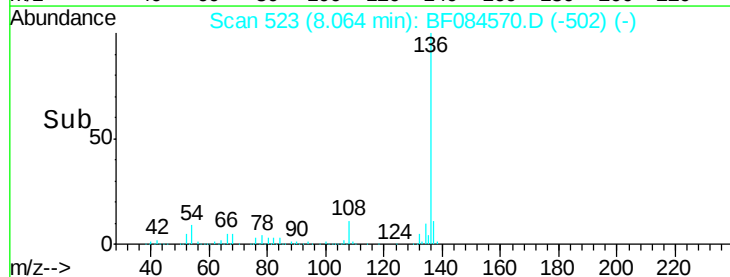
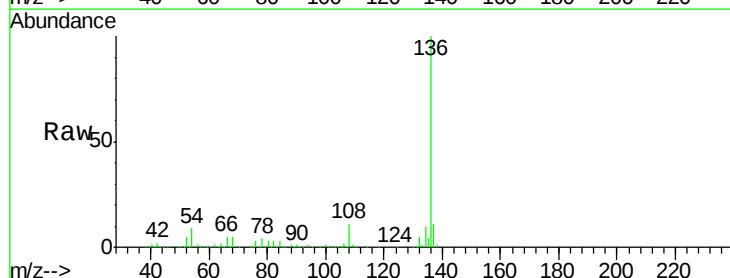
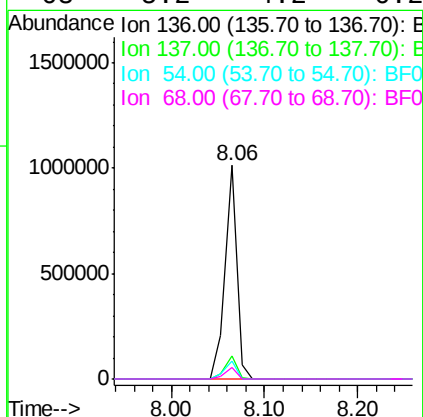
Delta R.T. -0.06 min

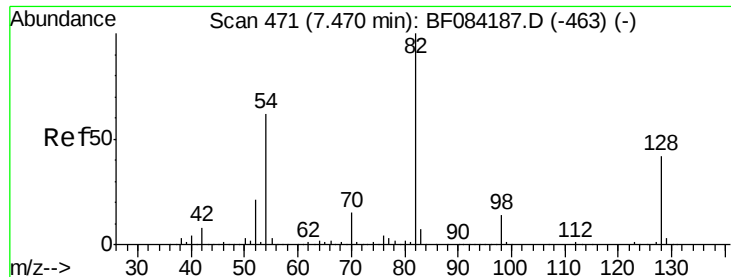
Lab File: BF084570.D

Acq: 20 Jan 2016 17:50

Tgt Ion: 136 Resp: 886006

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	8.6	5.8	8.8
68	5.2	4.2	6.2

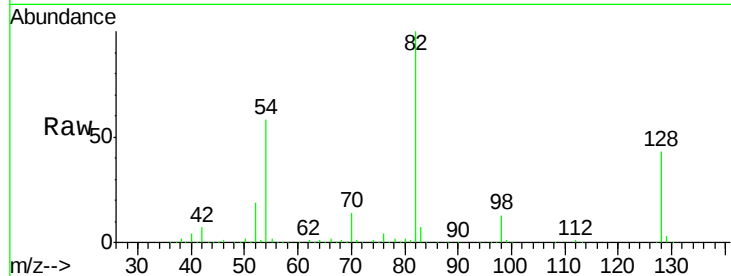




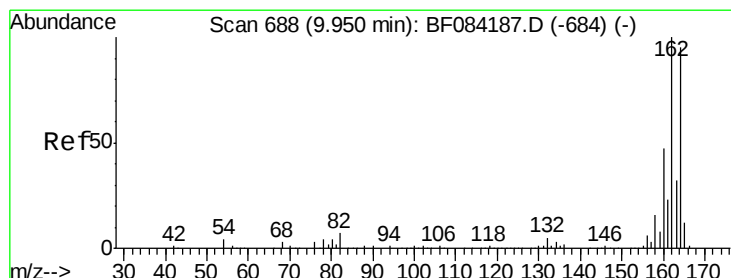
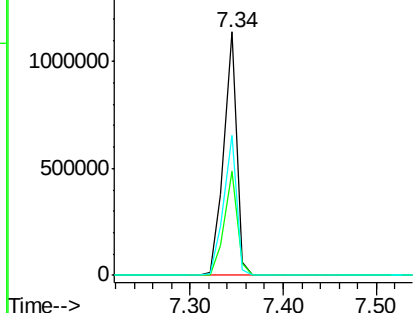
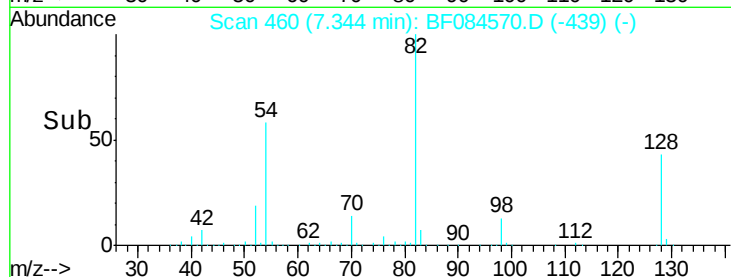
#23
 Nitrobenzene-d5
 Concen: 68.97 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.06 min
 Lab File: BF084570.D
 Acq: 20 Jan 2016 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB87882TB

Tot Ion: 82 Resp: 1097913
 Ion Ratio Lower Upper
 82 100
 128 43.0 34.6 51.8
 54 57.5 38.4 57.6

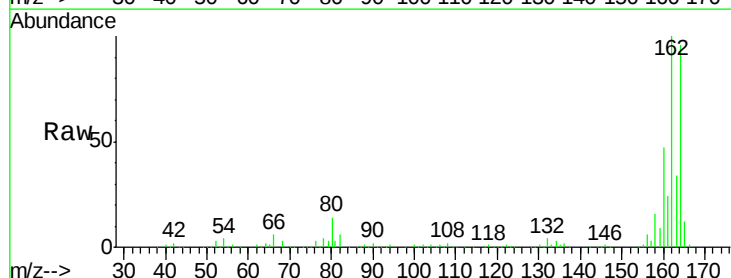


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

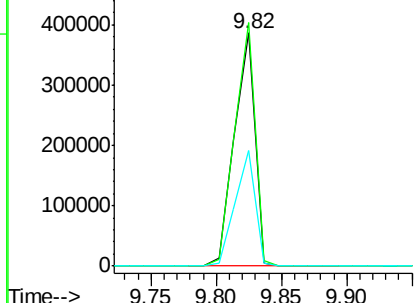
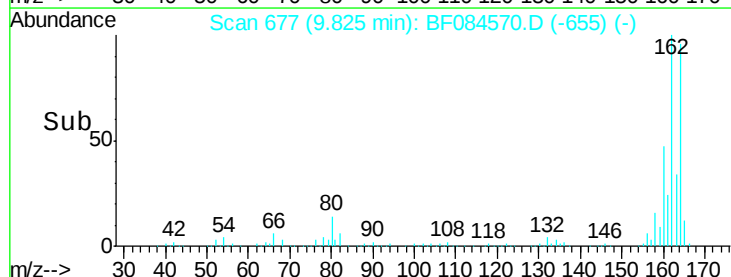


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.05 min
 Lab File: BF084570.D
 Acq: 20 Jan 2016 17:50

Tgt Ion:164 Resp: 420380
 Ion Ratio Lower Upper
 164 100
 162 104.4 85.1 127.7
 160 49.4 37.5 56.3



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

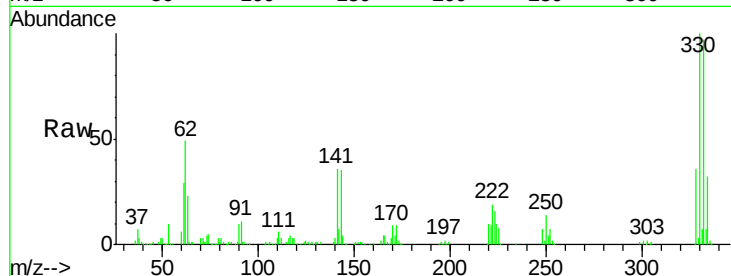




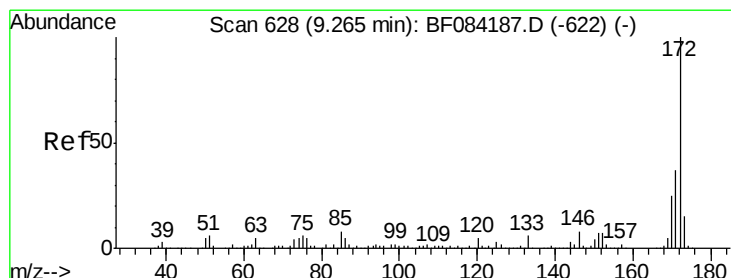
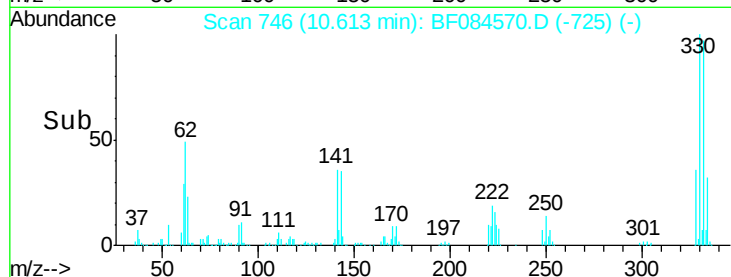
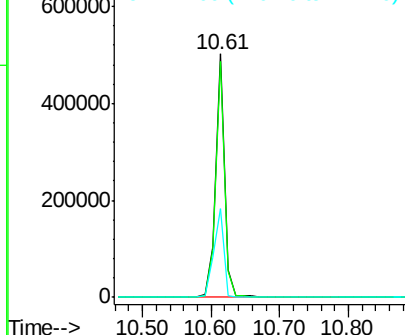
#41
 2,4,6-Tribromophenol
 Concen: 110.48 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.06 min
 Lab File: BF084570.D
 Acq: 20 Jan 2016 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB87882TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	114.8
141	40.5	27.8	41.6

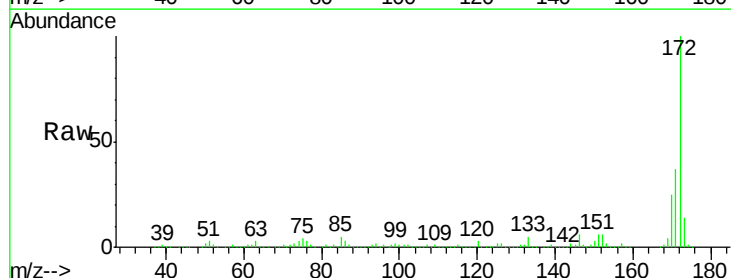


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

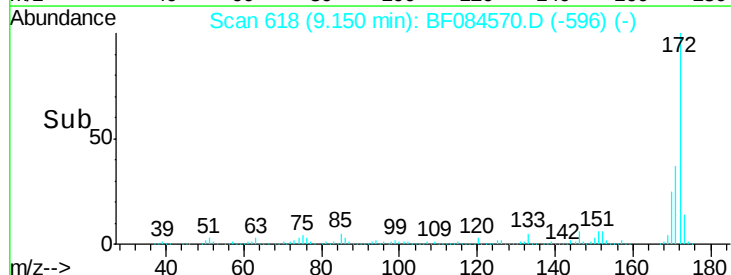
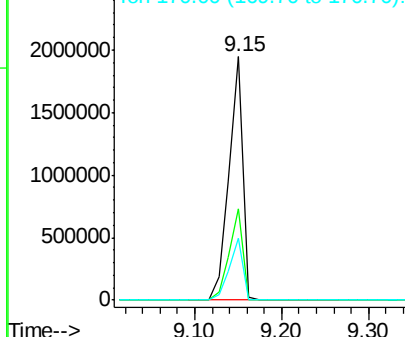


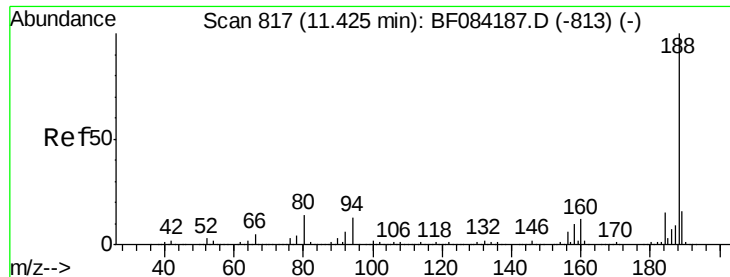
#44
 2-Fluorobiphenyl
 Concen: 89.92 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.05 min
 Lab File: BF084570.D
 Acq: 20 Jan 2016 17:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.9	43.3
170	25.2	18.6	27.8



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

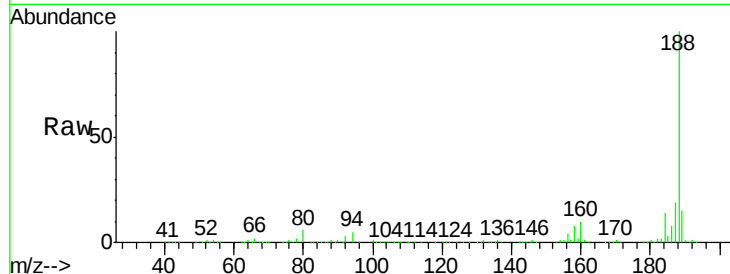




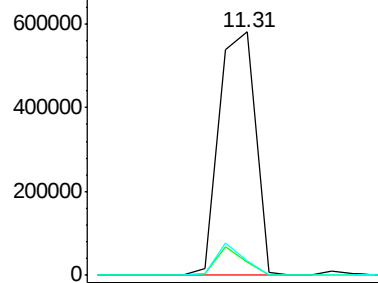
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF084570.D
Acq: 20 Jan 2016 17:50

Instrument :
BNA_F
ClientSampleId :
PB87882TB

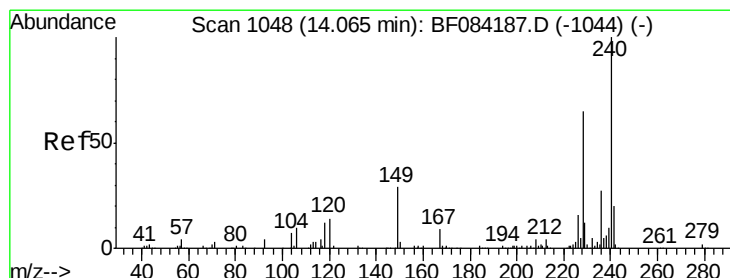
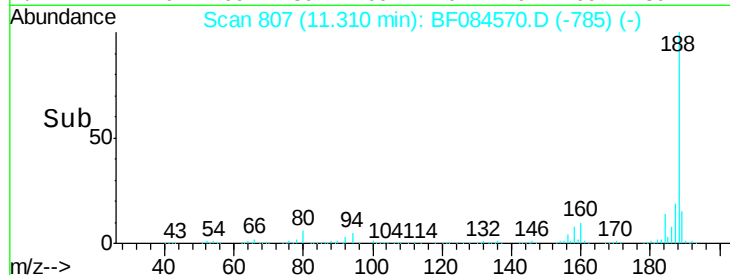
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.2	9.0	13.4#
80	5.8	9.6	14.4#



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

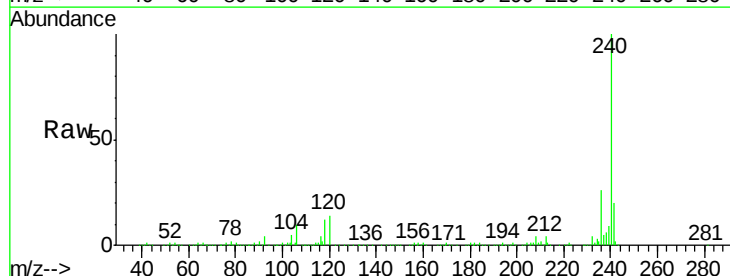


Time-->

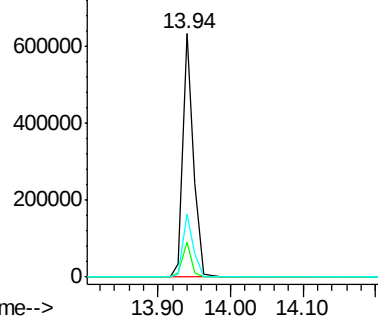


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.06 min
Lab File: BF084570.D
Acq: 20 Jan 2016 17:50

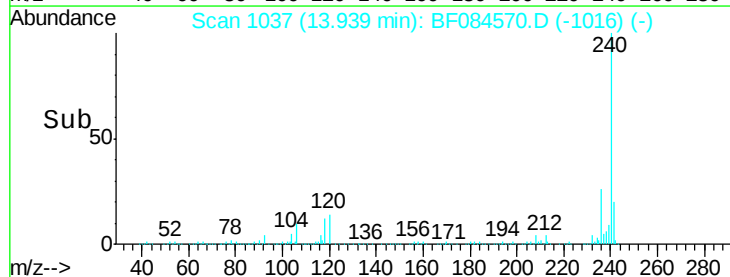
Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.2	9.5	14.3
236	25.7	20.6	31.0

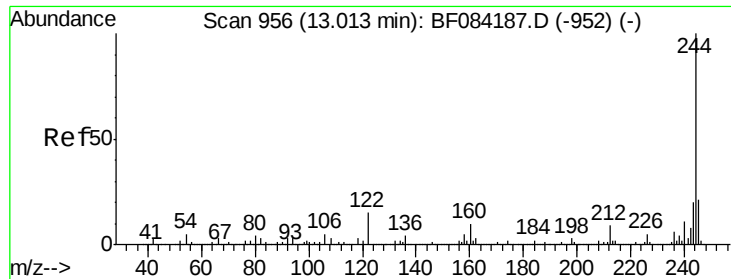


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->

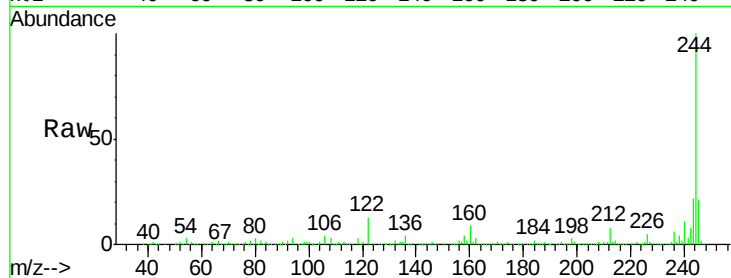




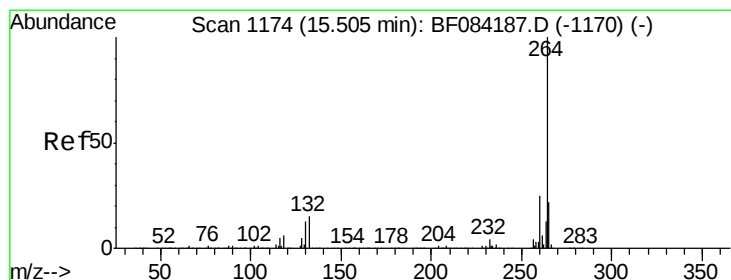
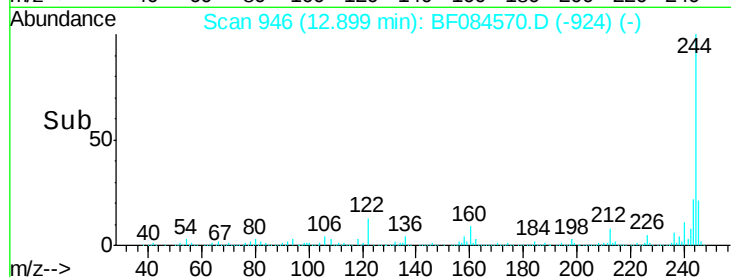
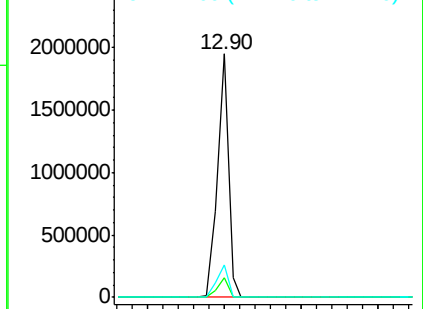
#78
 Terphenyl-d14
 Concen: 67.86 ng
 RT: 12.90 min Scan# 946
 Delta R.T. -0.05 min
 Lab File: BF084570.D
 Acq: 20 Jan 2016 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB87882TB

Tot Ion:244 Resp: 1945685
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.7 8.5
 122 13.2 7.4 11.0#

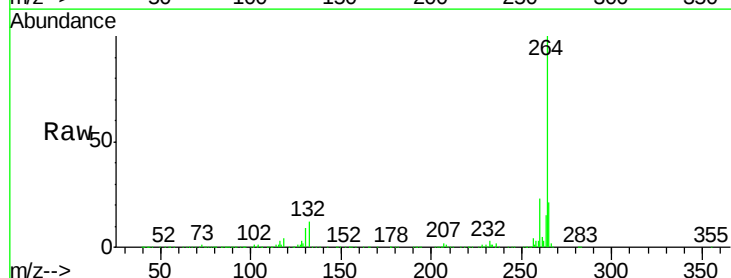


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.06 min
 Lab File: BF084570.D
 Acq: 20 Jan 2016 17:50

Tgt Ion:264 Resp: 492709
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.4 29.2
 265 20.8 17.8 26.6



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

