

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
 Data File : BF086310.D
 Acq On : 20 Apr 2016 15:53
 Operator : UM/SJ
 Sample : PB89932BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89932BL

Quant Time: Apr 21 01:17:24 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 20 15:45:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	274676	20.00	ng	-0.03
21) Naphthalene-d8	8.14	136	1109315	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	474070	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	765591	20.00	ng	-0.03
75) Chrysene-d12	14.01	240	474034	20.00	ng	-0.05
86) Perylene-d12	15.44	264	449335	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1807810	114.83	ng	-0.01
7) Phenol-d6	6.49	99	2336993	113.44	ng	-0.03
23) Nitrobenzene-d5	7.42	82	1437175	74.20	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	423733	114.68	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2317623	96.18	ng	-0.03
78) Terphenyl-d14	12.97	244	1404475	70.53	ng	-0.03

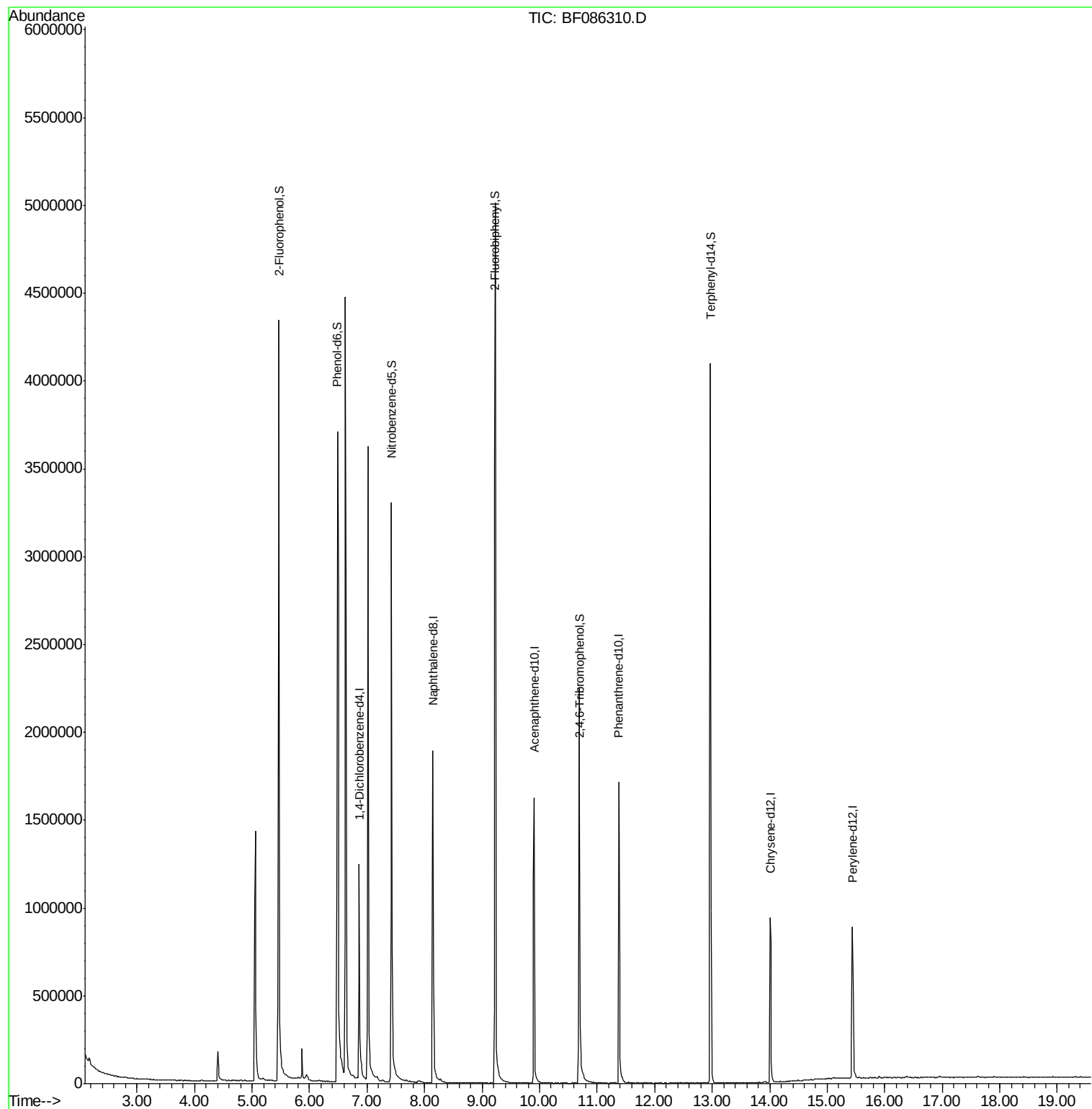
Target Compounds Qvalue

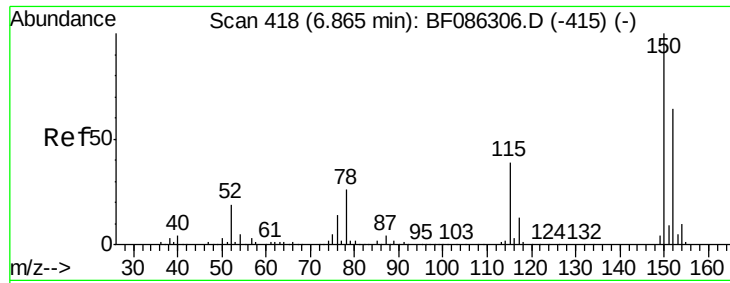
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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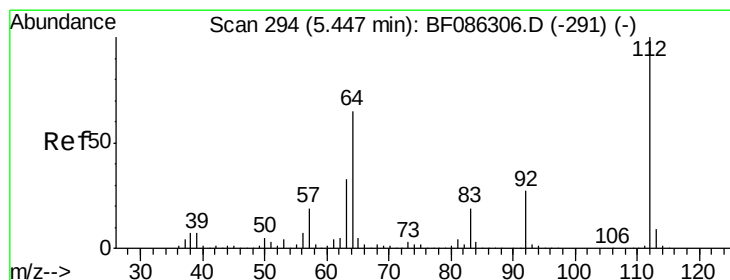
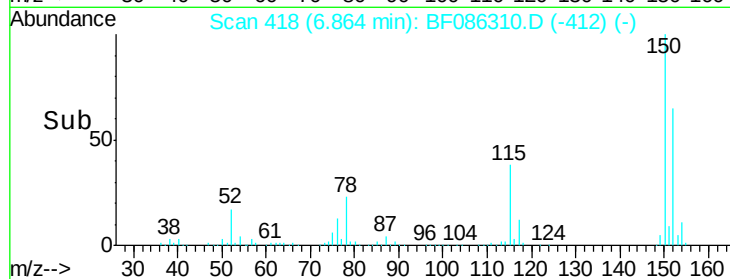
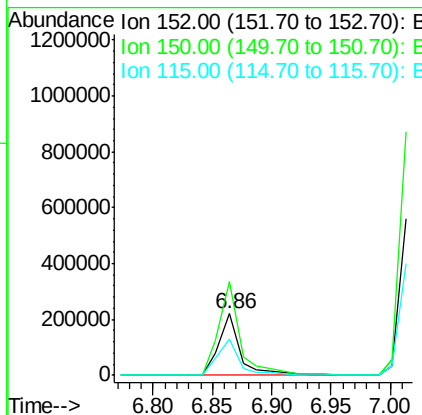
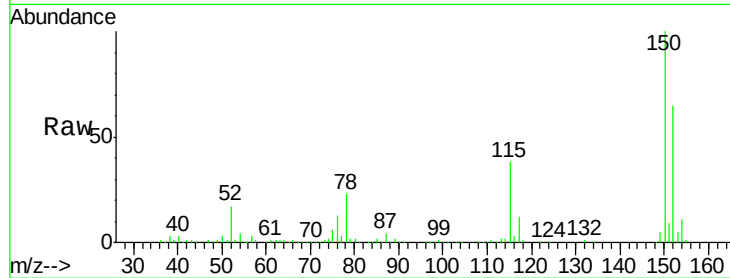


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.03 min
Lab File: BF086310.D
Acq: 20 Apr 2016 15:53

Instrument :
BNA_F
ClientSampleId :
PB89932BL

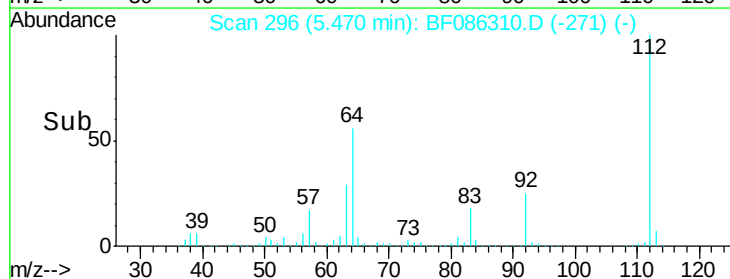
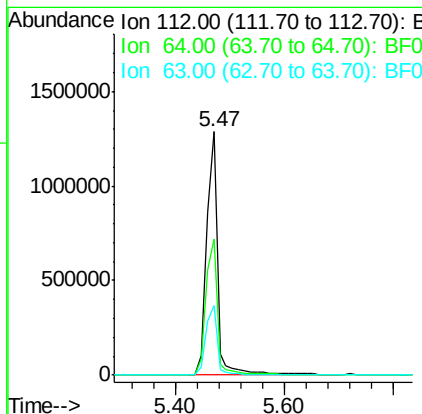
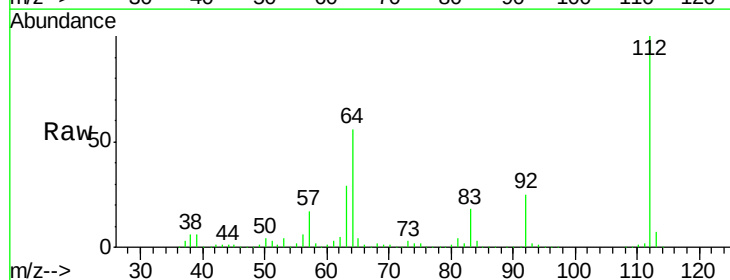
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.1	186.1
115	58.6	43.9	65.9

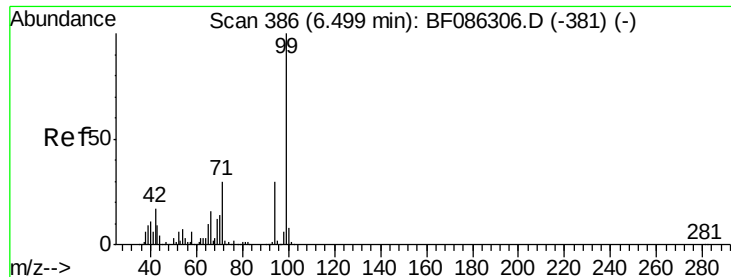


#5

2-Fluorophenol
Concen: 114.83 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.01 min
Lab File: BF086310.D
Acq: 20 Apr 2016 15:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	48.1	72.1
63	28.7	25.5	38.3





#7

Phenol-d6

Concen: 113.44 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.03 min

Lab File: BF086310.D

Acq: 20 Apr 2016 15:53

Instrument :

BNA_F

ClientSampleId :

PB89932BL

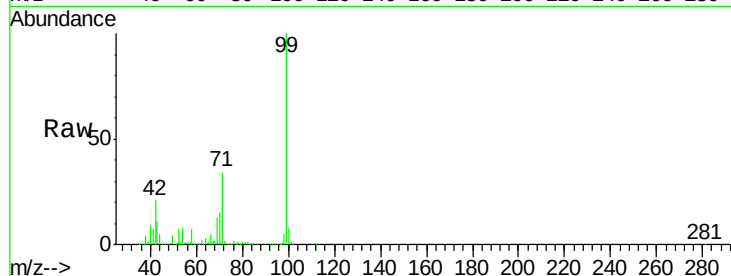
Tot Ion: 99 Resp: 2336993

Ion Ratio Lower Upper

99 100

42 21.2 15.4 23.2

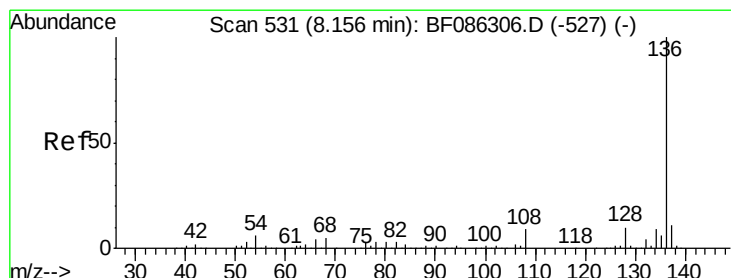
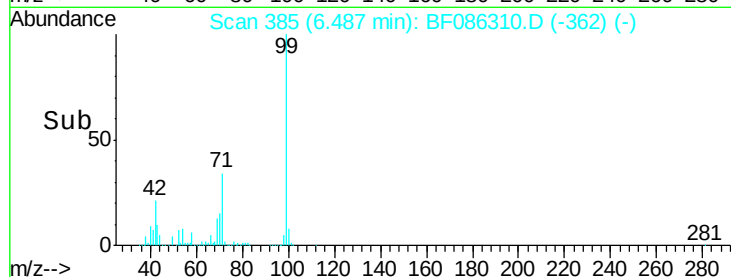
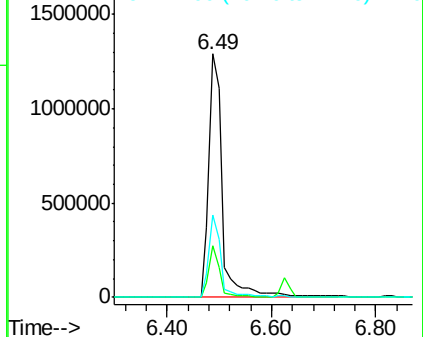
71 33.6 25.6 38.4



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: 8.14 min Scan# 530

Delta R.T. -0.03 min

Lab File: BF086310.D

Acq: 20 Apr 2016 15:53

Tgt Ion: 136 Resp: 1109315

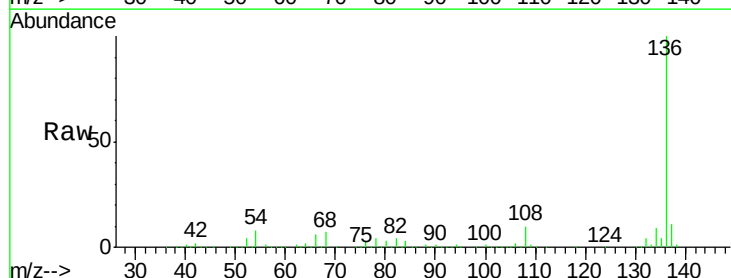
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.5 7.3 10.9

68 7.1 5.7 8.5

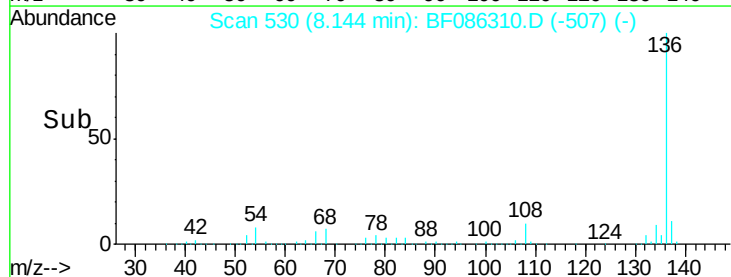
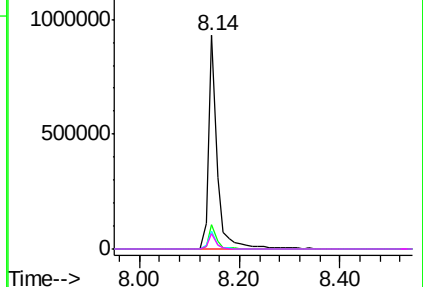


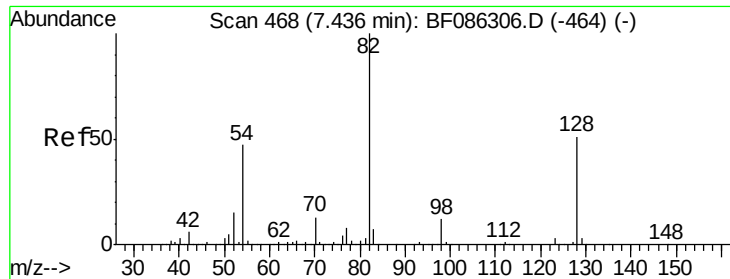
Abundance Ion 136.00 (135.70 to 136.70): E

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

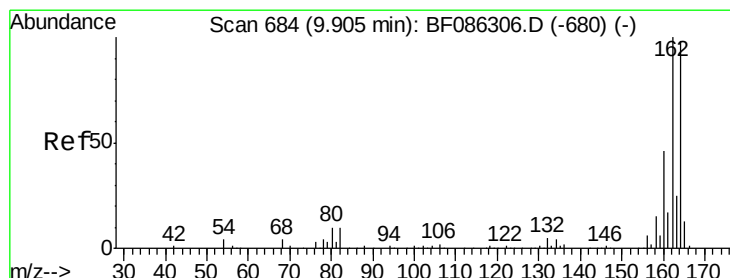
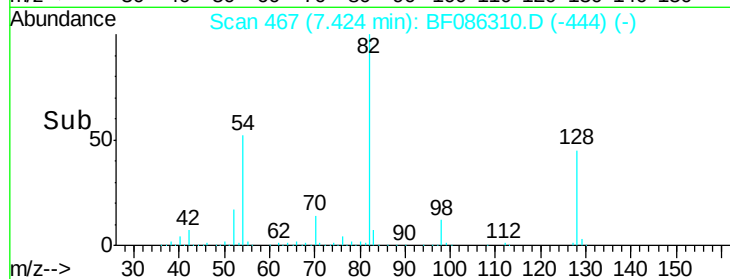
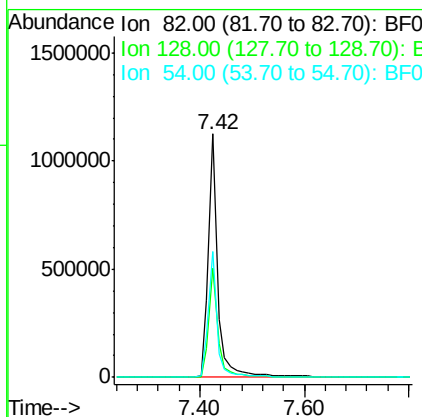
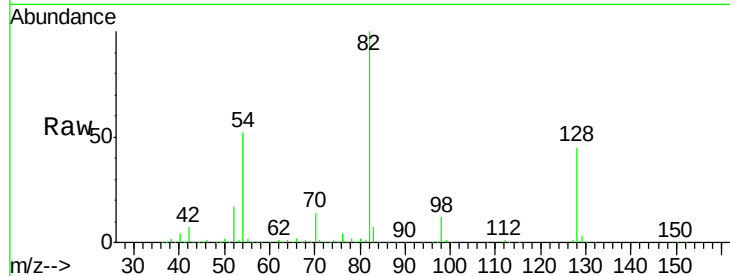




#23
 Nitrobenzene-d5
 Concen: 74.20 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.03 min
 Lab File: BF086310.D
 Acq: 20 Apr 2016 15:53

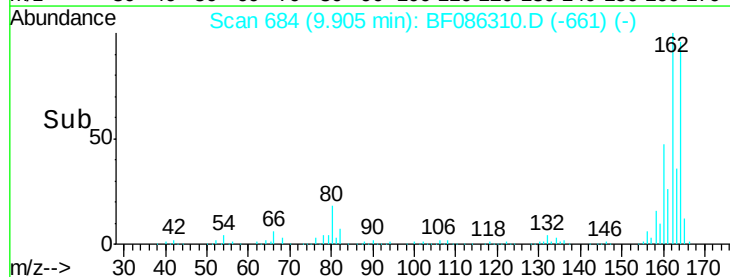
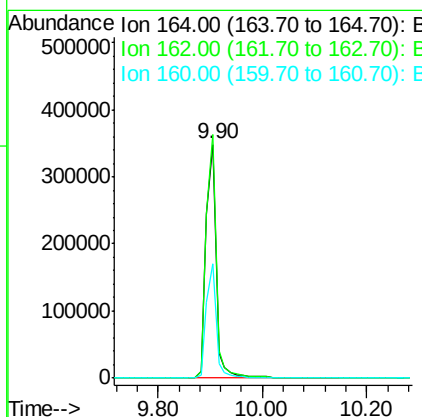
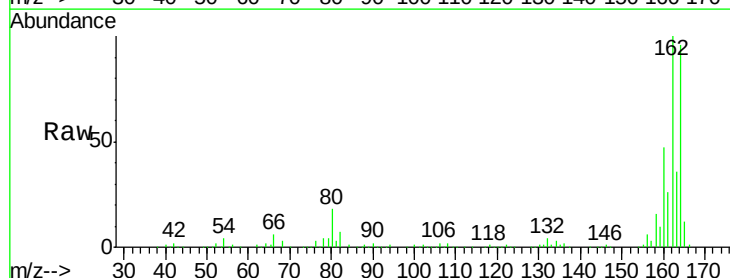
Instrument :
 BNA_F
 ClientSampled :
 PB89932BL

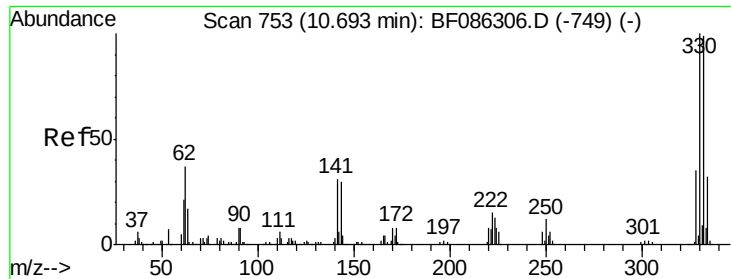
Tot Ion: 82 Resp: 1437175
 Ion Ratio Lower Upper
 82 100
 128 44.6 35.4 53.2
 54 51.6 43.4 65.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.03 min
 Lab File: BF086310.D
 Acq: 20 Apr 2016 15:53

Tgt Ion:164 Resp: 474070
 Ion Ratio Lower Upper
 164 100
 162 104.3 82.8 124.2
 160 48.9 38.9 58.3

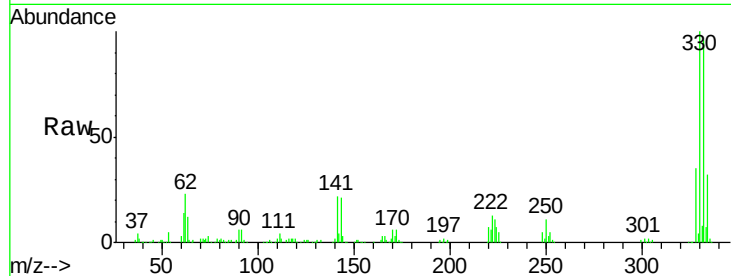




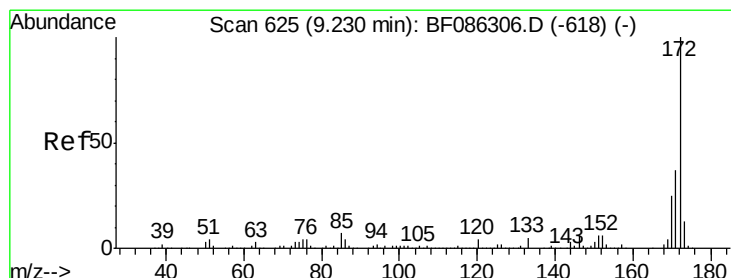
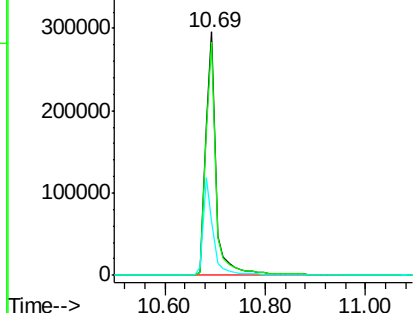
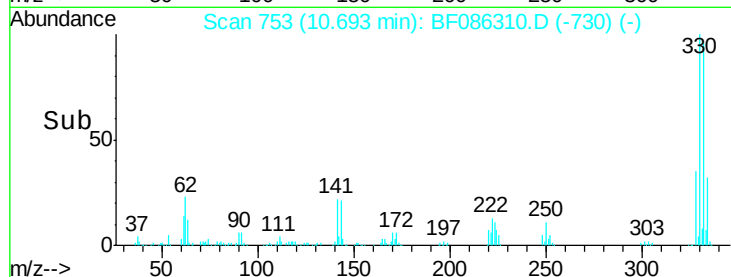
#41
 2,4,6-Tribromophenol
 Concen: 114.68 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.03 min
 Lab File: BF086310.D
 Acq: 20 Apr 2016 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB89932BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.7	118.1
141	39.0	28.6	42.8

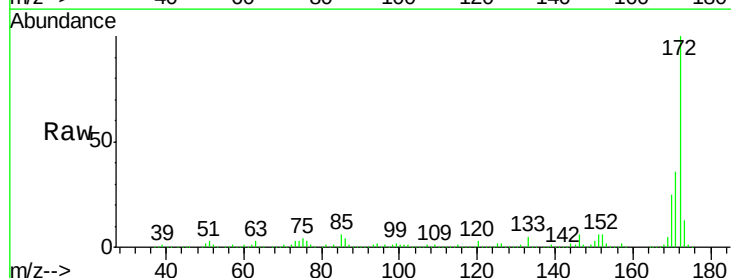


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

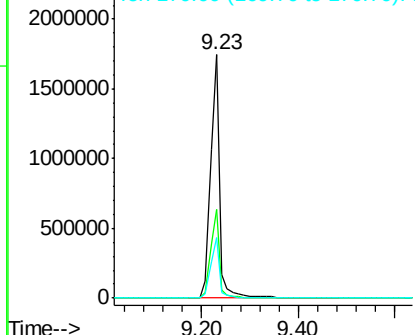
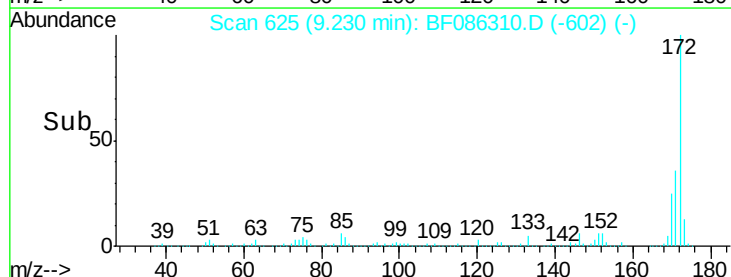


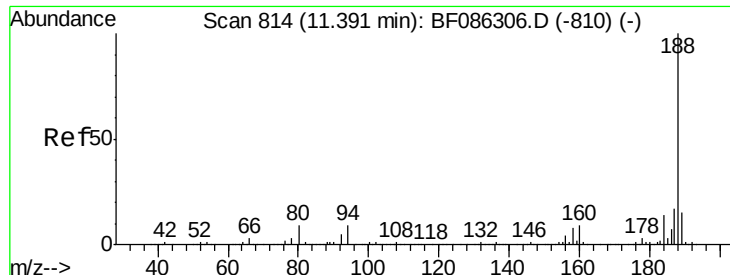
#44
 2-Fluorobiphenyl
 Concen: 96.18 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF086310.D
 Acq: 20 Apr 2016 15:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.1	43.7
170	24.7	19.9	29.9



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

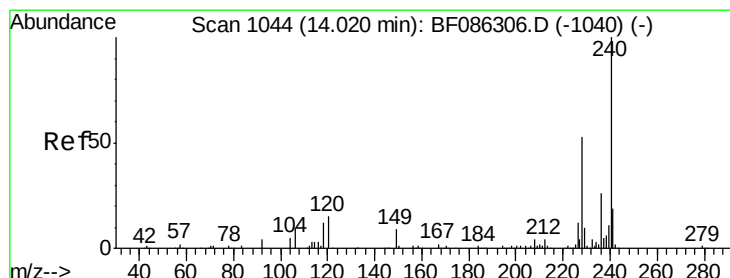
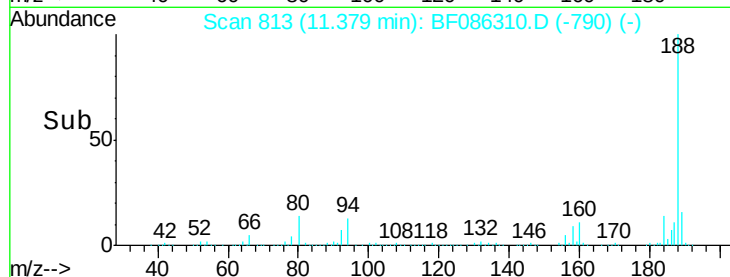
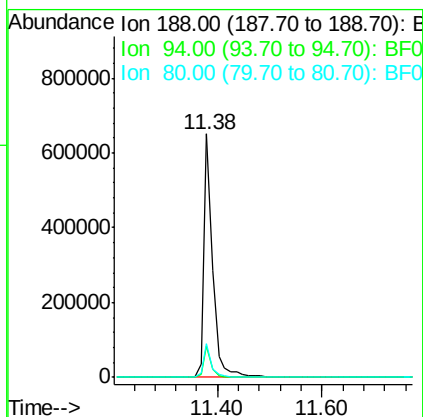
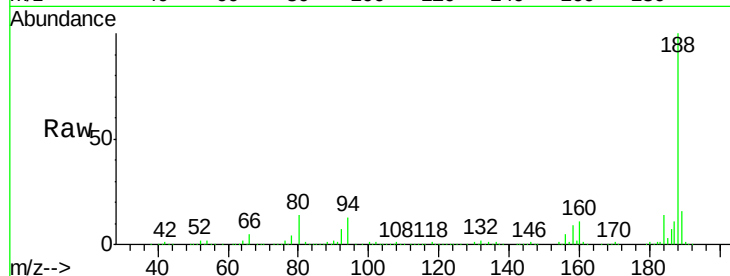




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF086310.D
Acq: 20 Apr 2016 15:53

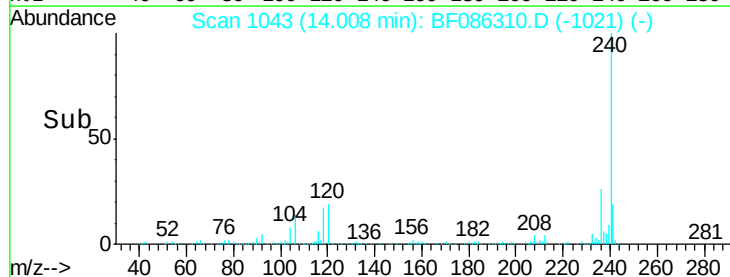
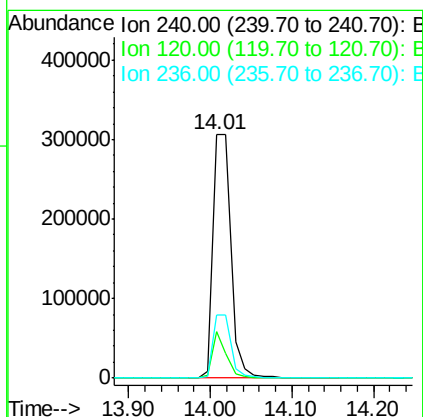
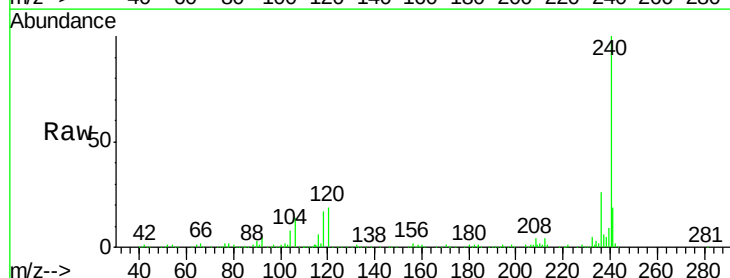
Instrument :
BNA_F
ClientSampleId :
PB89932BL

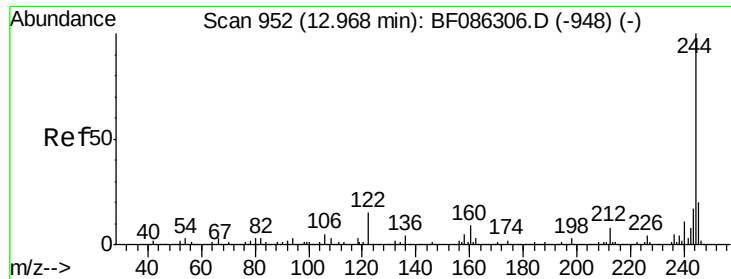
Tot Ion:188 Resp: 765591
Ion Ratio Lower Upper
188 100
94 13.0 9.8 14.8
80 13.8 10.5 15.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.05 min
Lab File: BF086310.D
Acq: 20 Apr 2016 15:53

Tgt Ion:240 Resp: 474034
Ion Ratio Lower Upper
240 100
120 19.0 9.3 13.9#
236 26.0 21.1 31.7

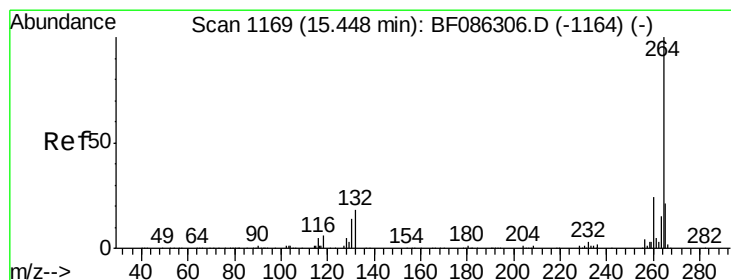
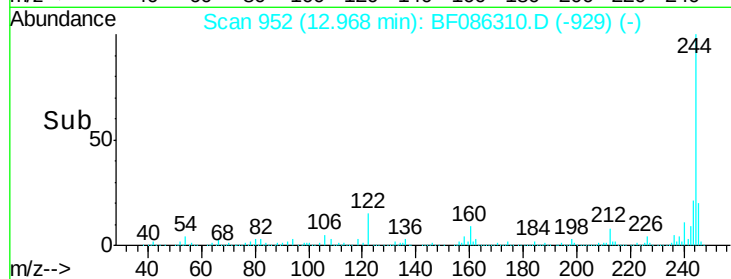
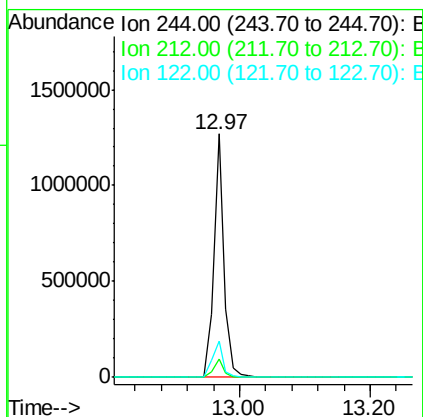
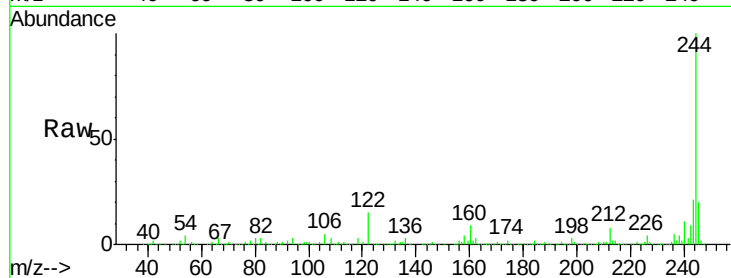




#78
 Terphenyl-d14
 Concen: 70.53 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.03 min
 Lab File: BF086310.D
 Acq: 20 Apr 2016 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB89932BL

Tot Ion:244 Resp: 1404475
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.4 9.6
 122 14.9 11.7 17.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.05 min
 Lab File: BF086310.D
 Acq: 20 Apr 2016 15:53

Tgt Ion:264 Resp: 449335
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.0 30.0
 265 21.9 17.4 26.0

