

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042116\
 Data File : BF086347.D
 Acq On : 21 Apr 2016 16:53
 Operator : UM/SJ
 Sample : PB89669TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89669TB

Quant Time: Apr 22 01:06:13 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	6.85	152	261231	20.00	ng	-0.05
21) Naphthalene-d8	8.13	136	1071025	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	535724	20.00	ng	-0.05
63) Phenanthrene-d10	11.38	188	1056009	20.00	ng	-0.03
75) Chrysene-d12	14.01	240	811644	20.00	ng	-0.05
86) Perylene-d12	15.44	264	556346	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1803576	120.46	ng	-0.01
7) Phenol-d6	6.49	99	2148921	109.68	ng	-0.03
23) Nitrobenzene-d5	7.41	82	1502538	80.35	ng	-0.05
41) 2,4,6-Tribromophenol	10.68	330	493987	118.30	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	2448782	88.08	ng	-0.05
78) Terphenyl-d14	12.97	244	2126437	62.36	ng	-0.03

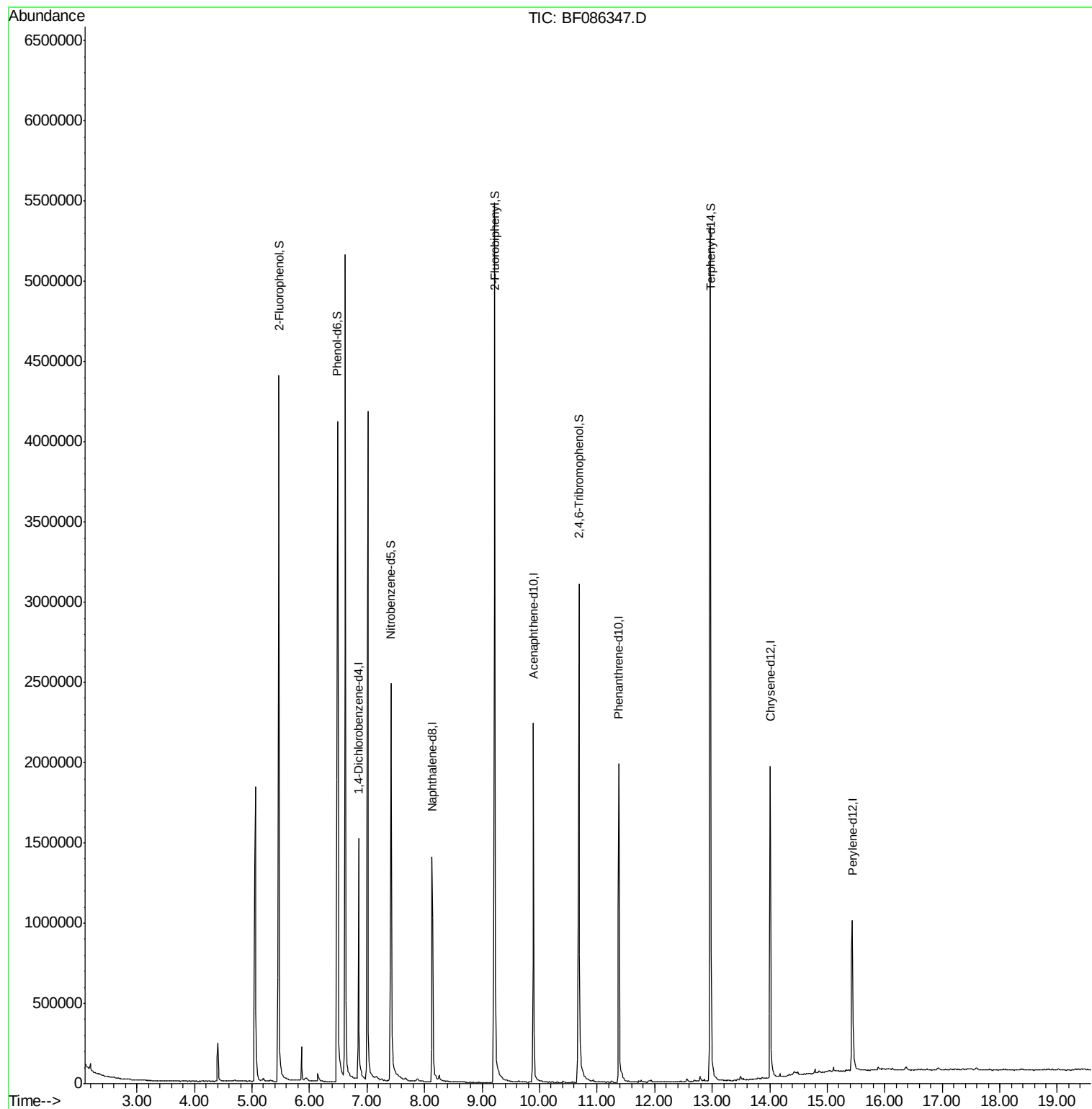
Target Compounds Qvalue

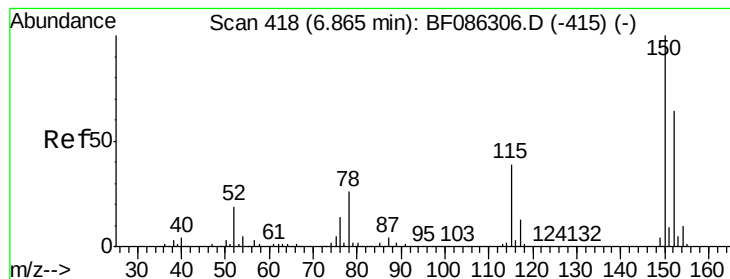
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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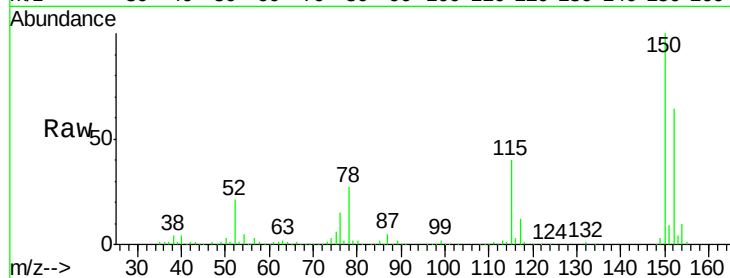


#1

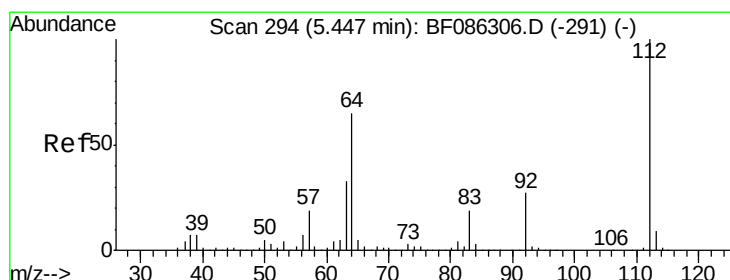
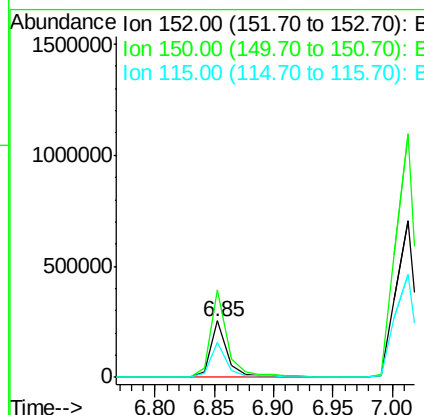
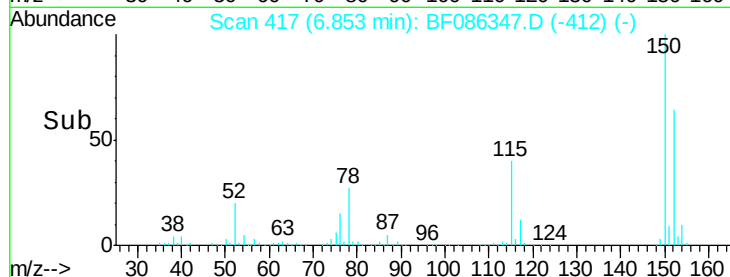
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.05 min
 Lab File: BF086347.D
 Acq: 21 Apr 2016 16:53

Instrument :
 BNA_F
 ClientSampleID :
 PB89669TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.1	186.1
115	62.6	43.9	65.9



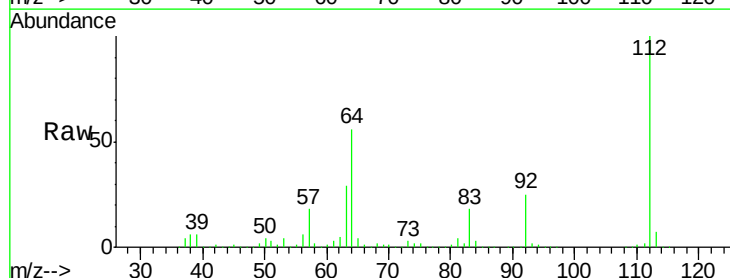
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



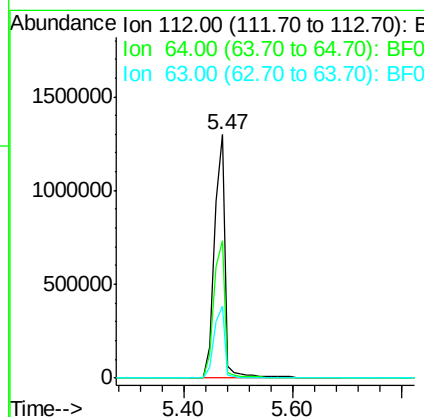
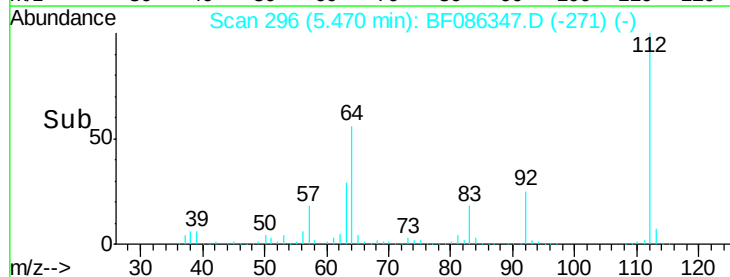
#5

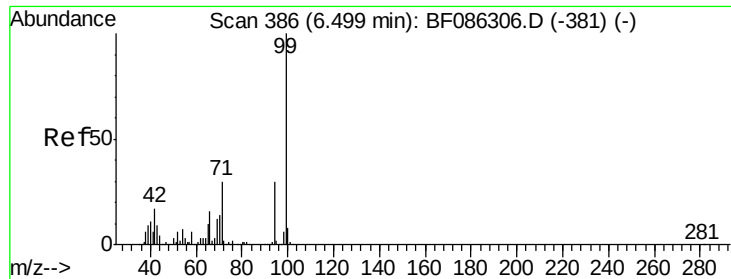
2-Fluorophenol
 Concen: 120.46 ng
 RT: 5.47 min Scan# 296
 Delta R.T. -0.01 min
 Lab File: BF086347.D
 Acq: 21 Apr 2016 16:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	48.1	72.1
63	29.4	25.5	38.3



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: 109.68 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.03 min

Lab File: BF086347.D

Acq: 21 Apr 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB89669TB

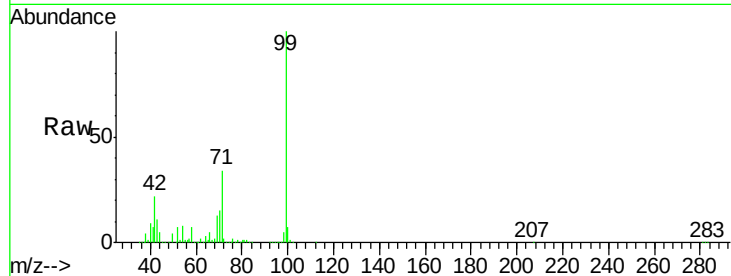
Tot Ion: 99 Resp: 2148921

Ion Ratio Lower Upper

99 100

42 21.8 15.4 23.2

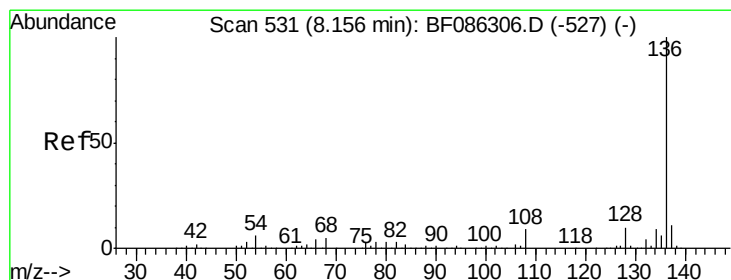
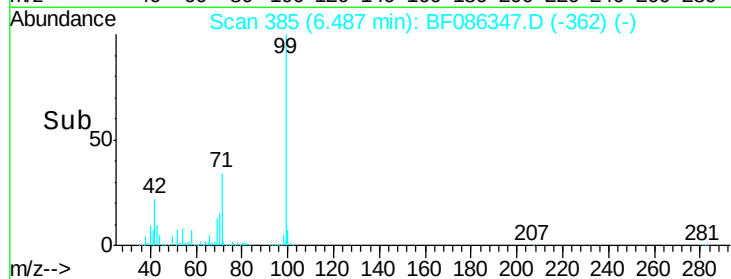
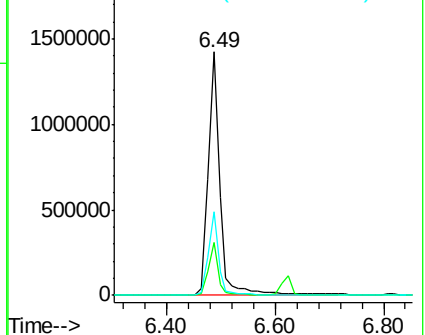
71 34.4 25.6 38.4



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: 8.13 min Scan# 529

Delta R.T. -0.05 min

Lab File: BF086347.D

Acq: 21 Apr 2016 16:53

Tgt Ion: 136 Resp: 1071025

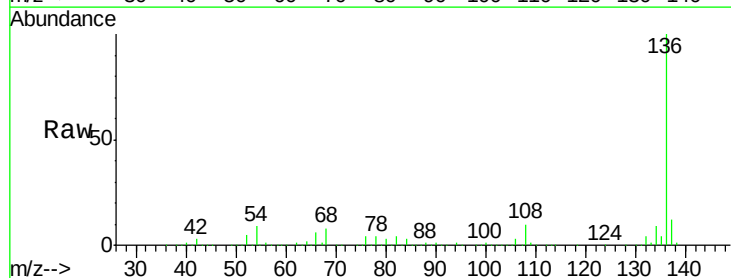
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 9.1 7.3 10.9

68 7.7 5.7 8.5

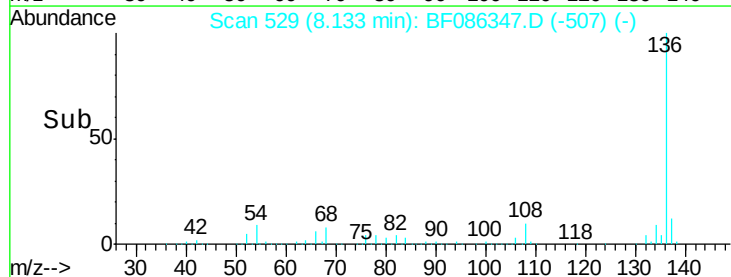
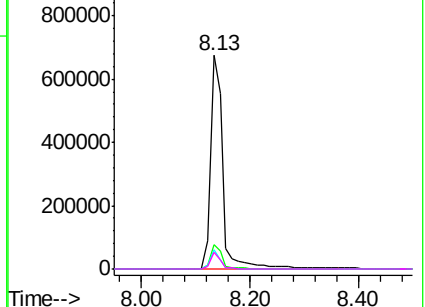


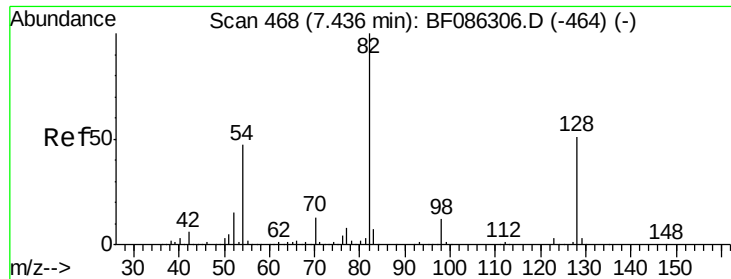
Abundance Ion 136.00 (135.70 to 136.70): E

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

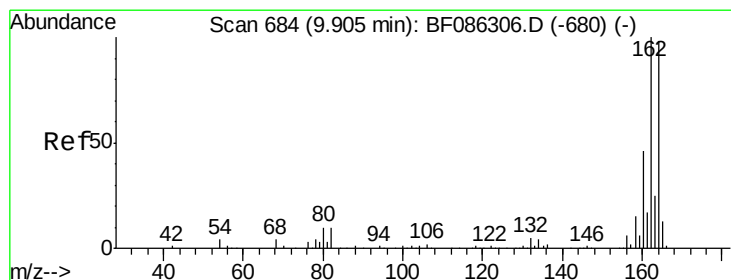
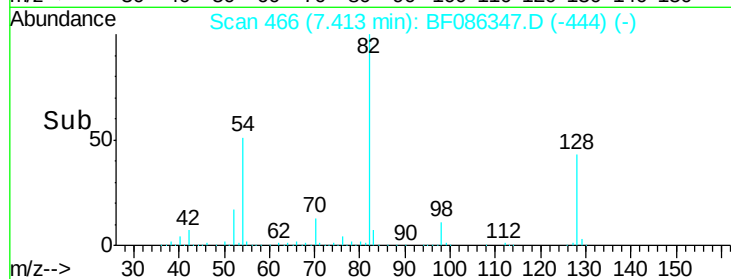
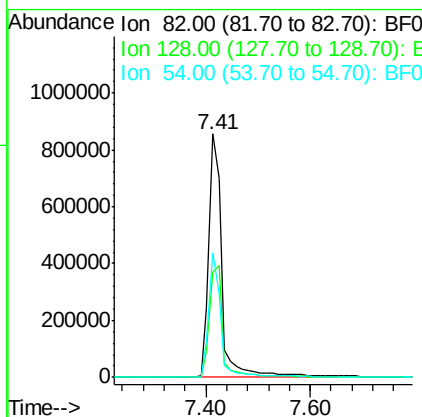
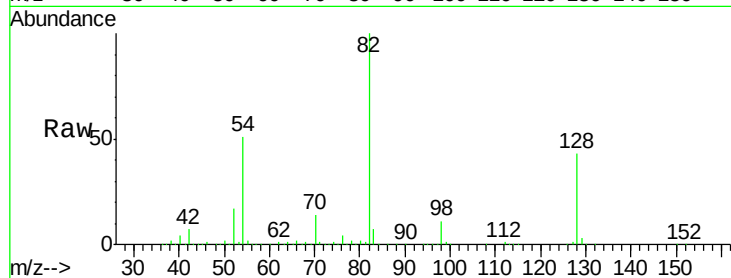




#23
 Nitrobenzene-d5
 Concen: 80.35 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.05 min
 Lab File: BF086347.D
 Acq: 21 Apr 2016 16:53

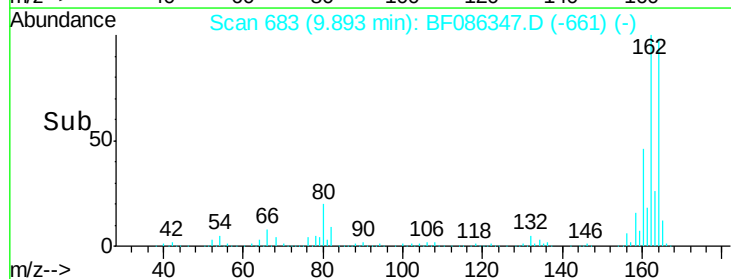
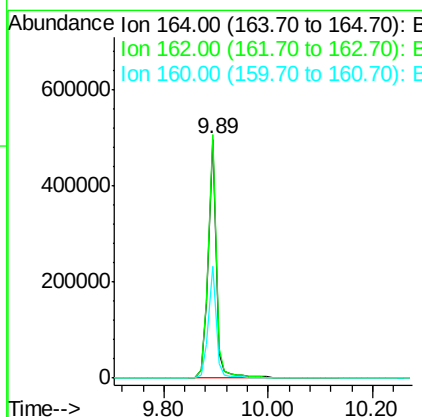
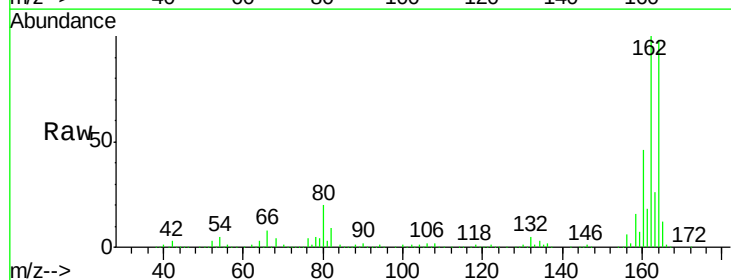
Instrument :
 BNA_F
 ClientSampleId :
 PB89669TB

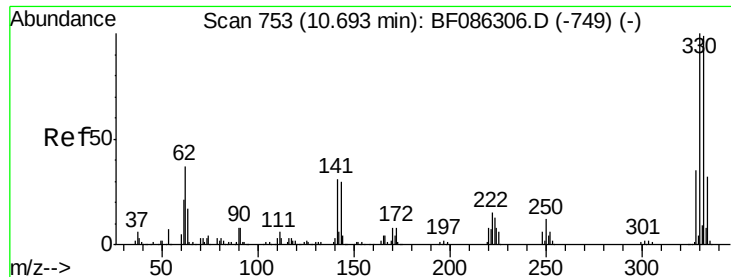
Tot Ion: 82 Resp: 1502538
 Ion Ratio Lower Upper
 82 100
 128 43.2 35.4 53.2
 54 51.4 43.4 65.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.05 min
 Lab File: BF086347.D
 Acq: 21 Apr 2016 16:53

Tgt Ion:164 Resp: 535724
 Ion Ratio Lower Upper
 164 100
 162 101.9 82.8 124.2
 160 46.5 38.9 58.3

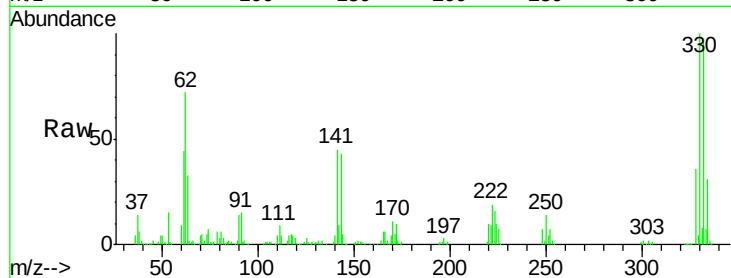




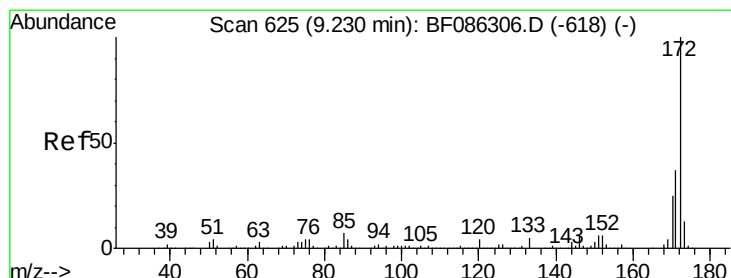
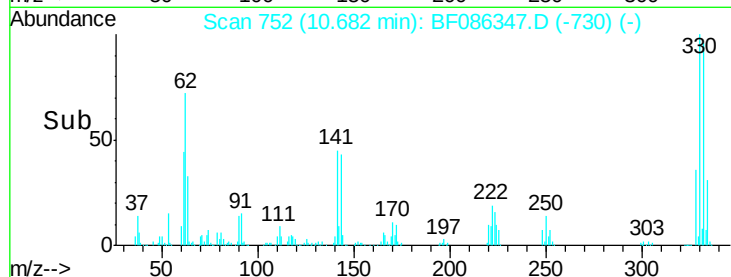
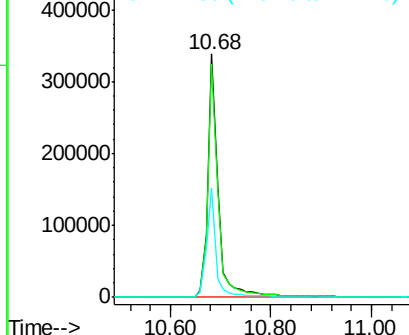
#41
 2,4,6-Tribromophenol
 Concen: 118.30 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.05 min
 Lab File: BF086347.D
 Acq: 21 Apr 2016 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB89669TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.7	118.1
141	41.1	28.6	42.8

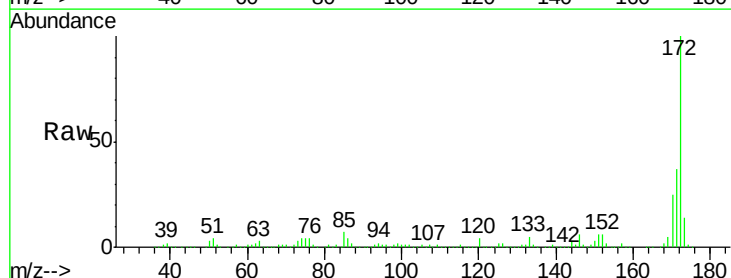


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

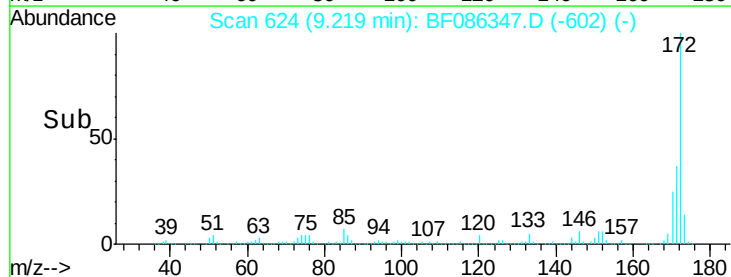
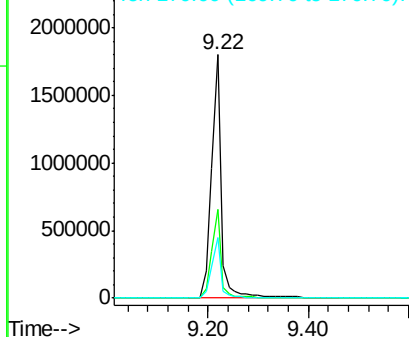


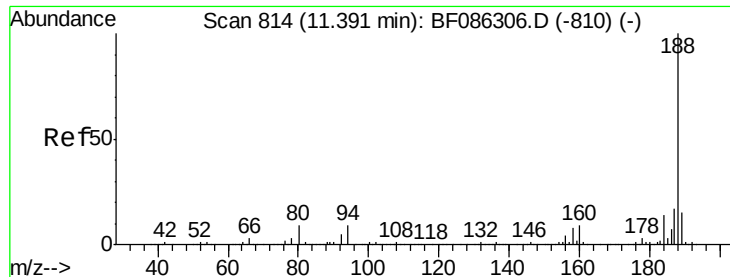
#44
 2-Fluorobiphenyl
 Concen: 88.08 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.05 min
 Lab File: BF086347.D
 Acq: 21 Apr 2016 16:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.1	43.7
170	24.8	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

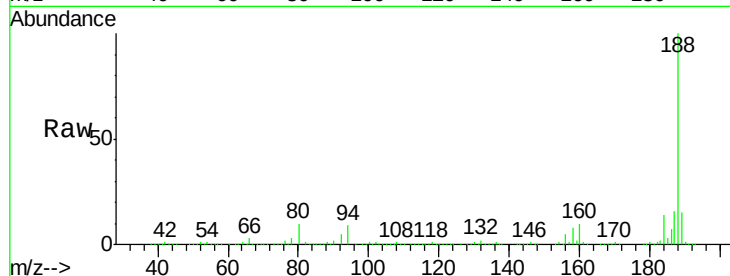




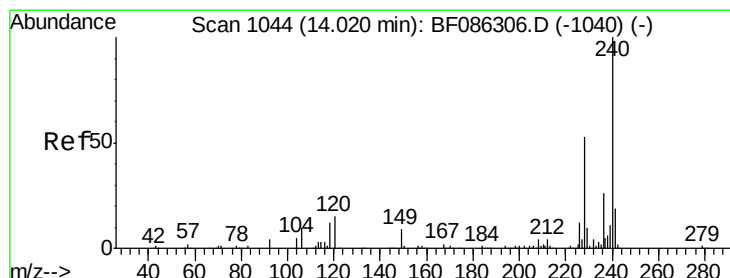
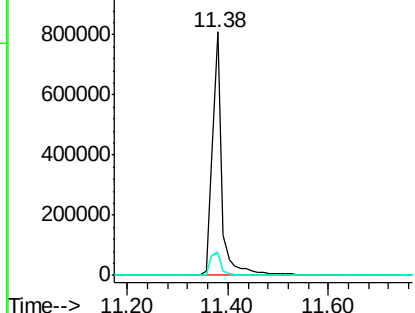
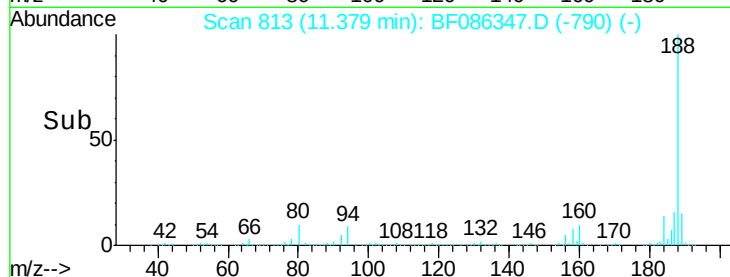
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF086347.D
Acq: 21 Apr 2016 16:53

Instrument :
BNA_F
ClientSampleId :
PB89669TB

Tot Ion:188 Resp: 1056009
Ion Ratio Lower Upper
188 100
94 9.2 9.8 14.8#
80 9.7 10.5 15.7#

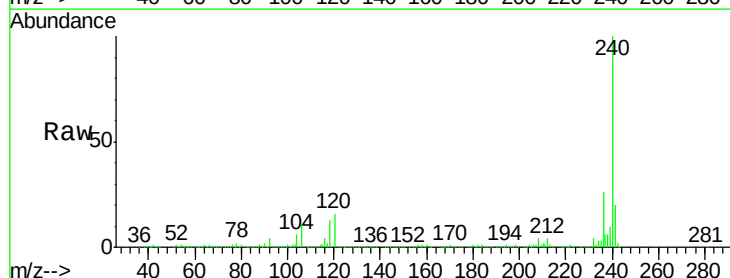


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

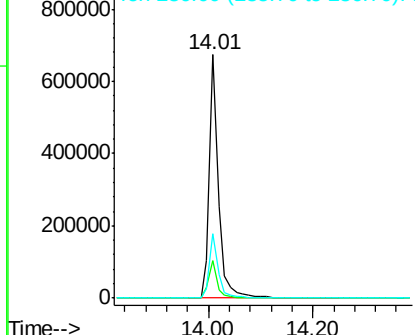
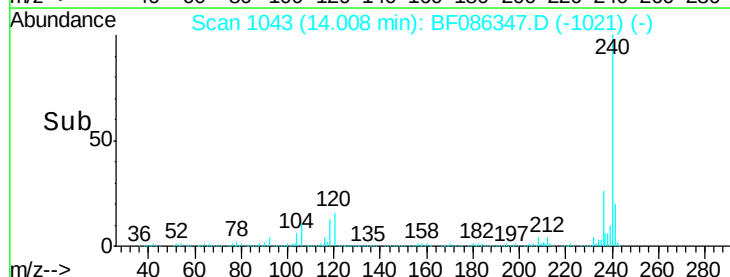


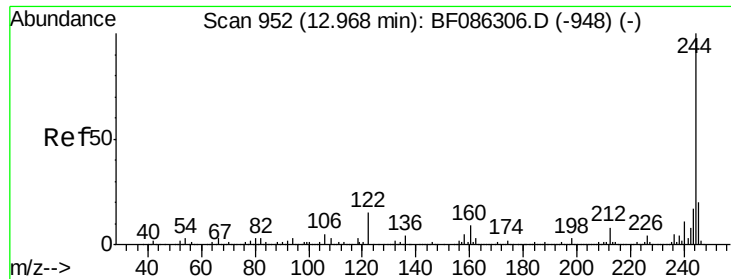
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.05 min
Lab File: BF086347.D
Acq: 21 Apr 2016 16:53

Tgt Ion:240 Resp: 811644
Ion Ratio Lower Upper
240 100
120 15.5 9.3 13.9#
236 26.5 21.1 31.7



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

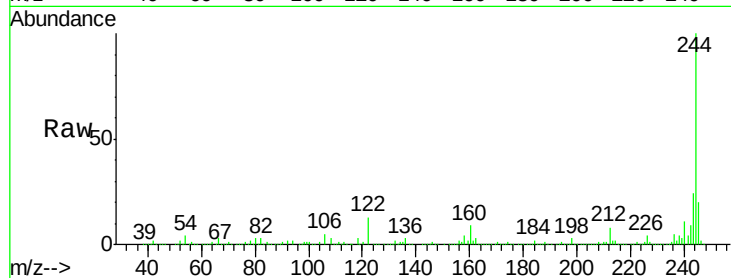




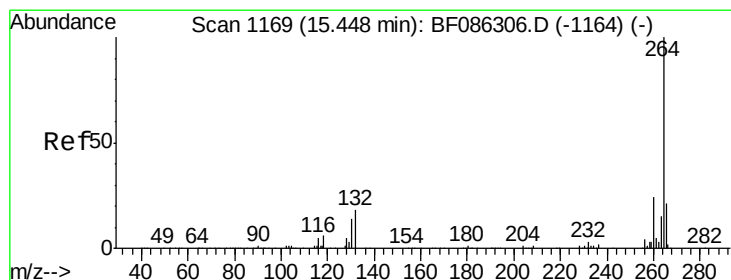
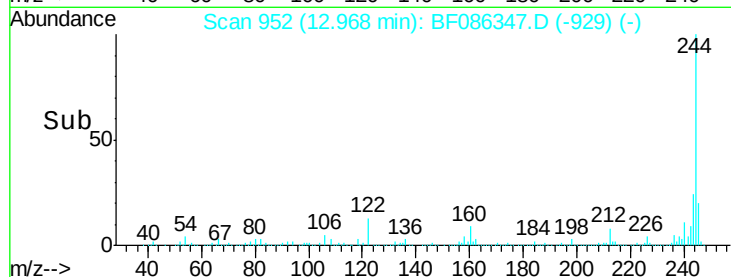
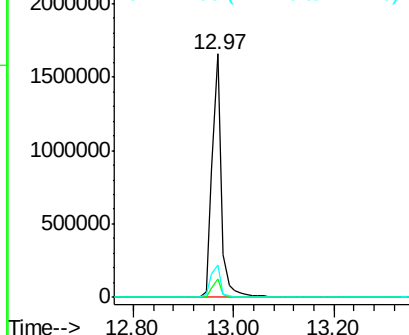
#78
 Terphenyl-d14
 Concen: 62.36 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.03 min
 Lab File: BF086347.D
 Acq: 21 Apr 2016 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB89669TB

Tot Ion:244 Resp: 2126437
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.4 9.6
 122 13.3 11.7 17.5

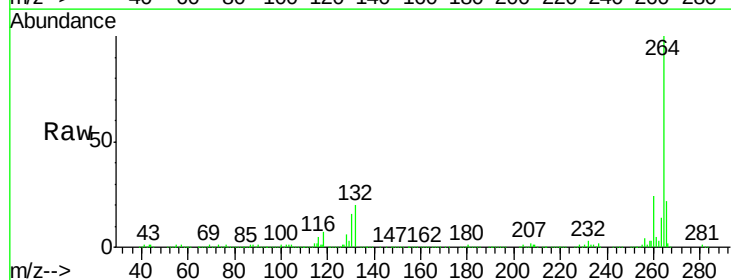


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.05 min
 Lab File: BF086347.D
 Acq: 21 Apr 2016 16:53

Tgt Ion:264 Resp: 556346
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.0 30.0
 265 21.5 17.4 26.0



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

