

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
 Data File : BF086341.D
 Acq On : 21 Apr 2016 6:43
 Operator : UM/SJ
 Sample : H2617-05
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-931WB(N)(19)

Quant Time: Apr 21 07:31:22 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

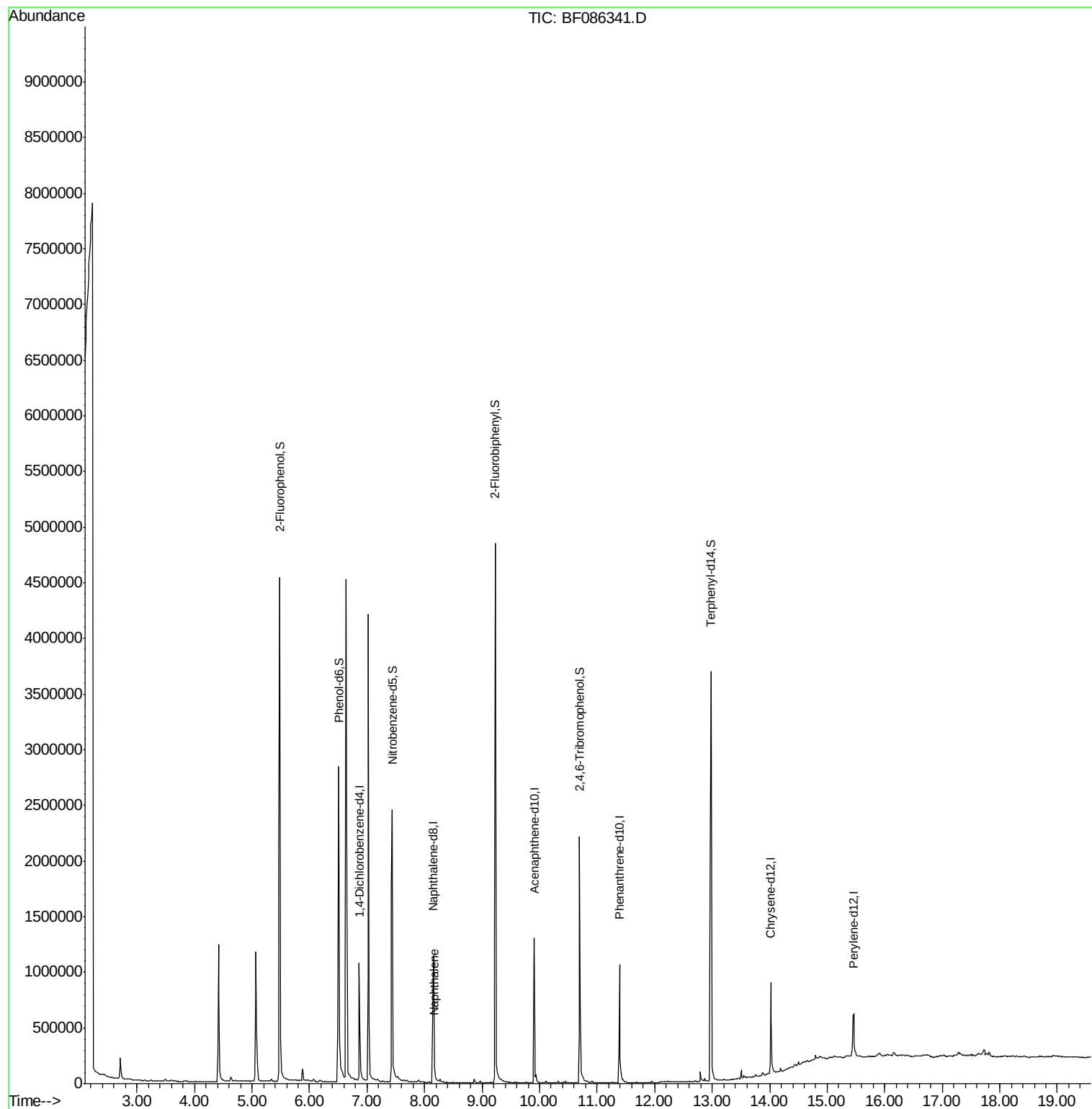
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	200608	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	741555	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	274579	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	478097	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	360386	20.00	ng	-0.03
86) Perylene-d12	15.46	264	237651	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1476849	128.45	ng	0.00
7) Phenol-d6	6.51	99	1880737	125.00	ng	-0.01
23) Nitrobenzene-d5	7.44	82	1256583	97.05	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	312080	145.82	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	1676786	130.69	ng	-0.03
78) Terphenyl-d14	12.98	244	1420520	93.83	ng	-0.02
Target Compounds						
31) Naphthalene	8.17	128	72838	2.06	ng	Qvalue 97

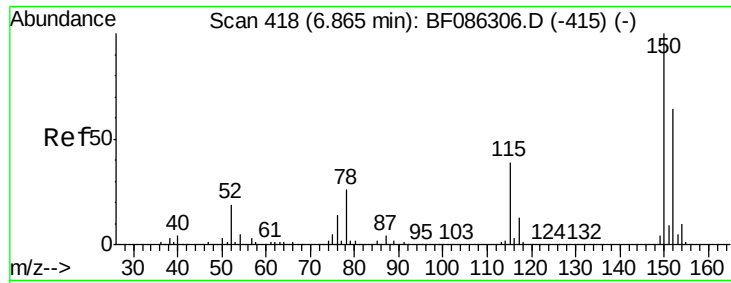
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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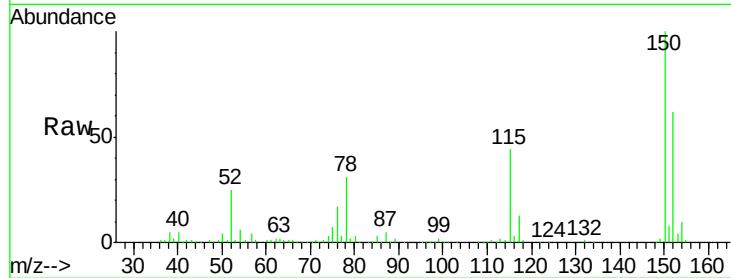




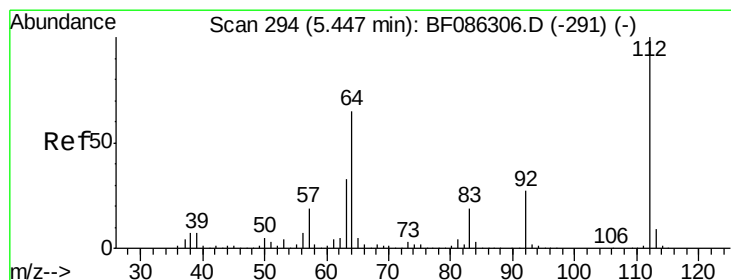
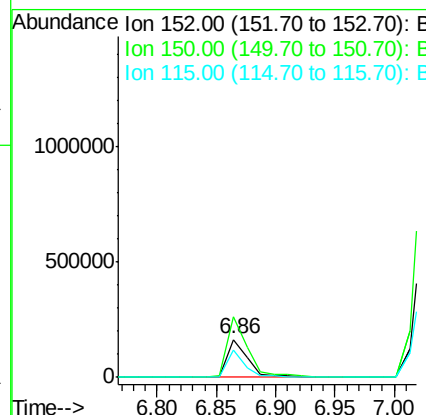
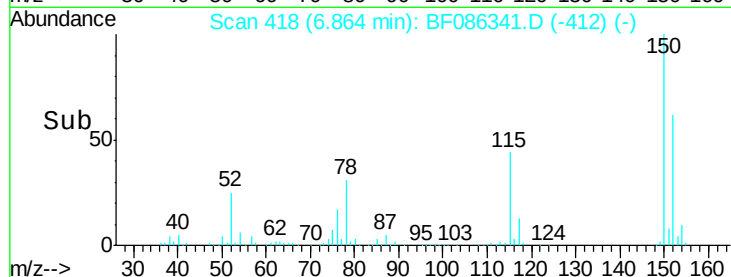
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 418
 Delta R.T. -0.03 min
 Lab File: BF086341.D
 Acq: 21 Apr 2016 6:43

Instrument :
 BNA_F
 ClientSampleId :
 B-931WB(N)(19)

Tot Ion:152 Resp: 200608
 Ion Ratio Lower Upper
 152 100
 150 160.3 124.1 186.1
 115 70.7 43.9 65.9#

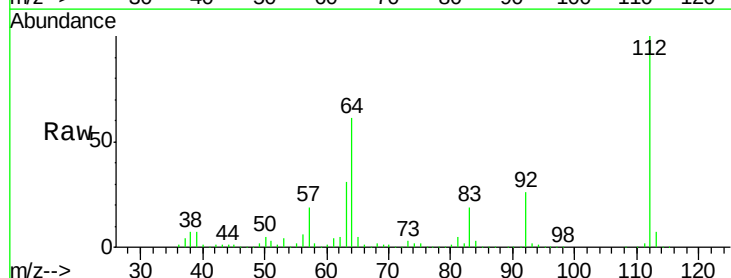


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

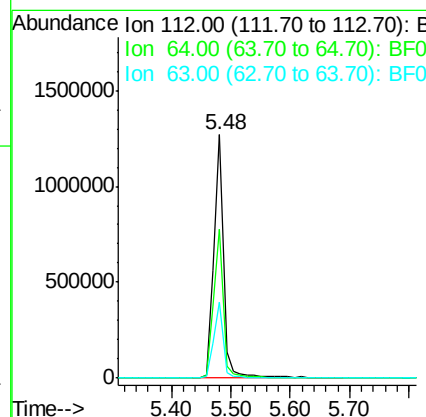
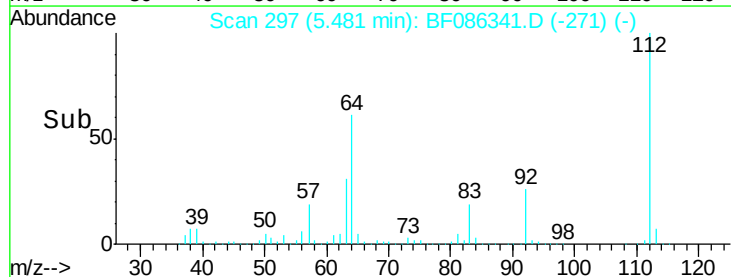


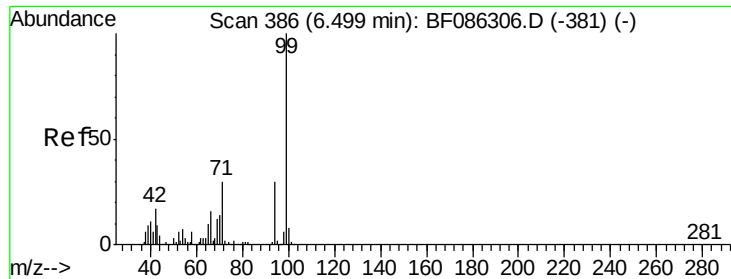
#5
 2-Fluorophenol
 Concen: 128.45 ng
 RT: 5.48 min Scan# 297
 Delta R.T. 0.00 min
 Lab File: BF086341.D
 Acq: 21 Apr 2016 6:43

Tgt Ion:112 Resp: 1476849
 Ion Ratio Lower Upper
 112 100
 64 61.2 48.1 72.1
 63 31.2 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: 125.00 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF086341.D

Acq: 21 Apr 2016 6:43

Instrument :

BNA_F

ClientSampleId :

B-931WB(N)(19)

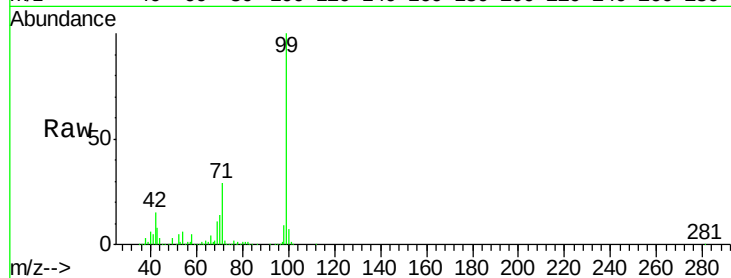
Tot Ion: 99 Resp: 1880737

Ion Ratio Lower Upper

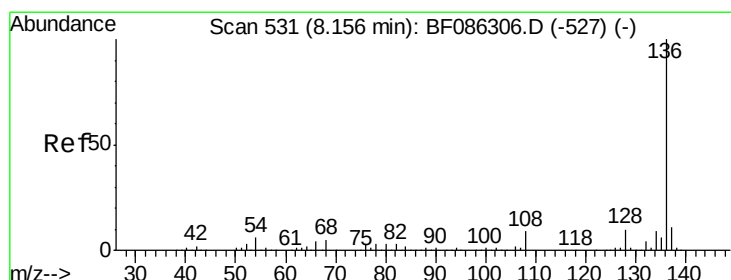
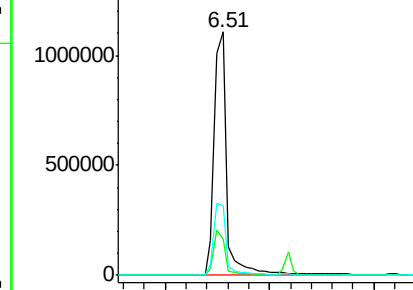
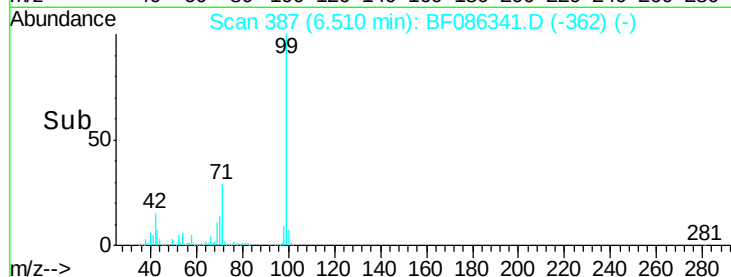
99 100

42 14.9 15.4 23.2#

71 28.7 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: 8.16 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF086341.D

Acq: 21 Apr 2016 6:43

Tgt Ion: 136 Resp: 741555

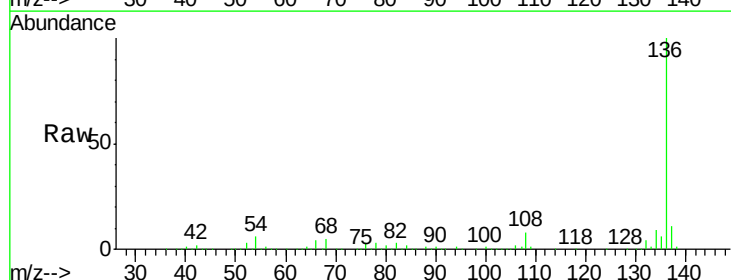
Ion Ratio Lower Upper

136 100

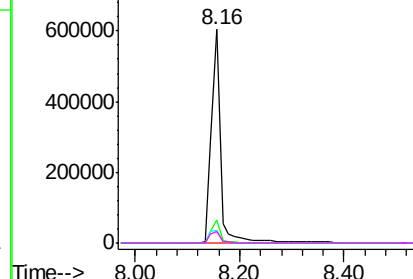
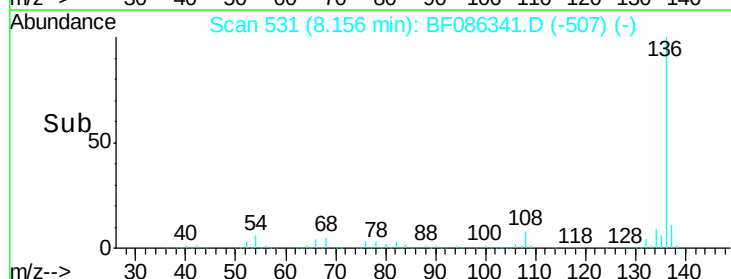
137 10.7 9.1 13.7

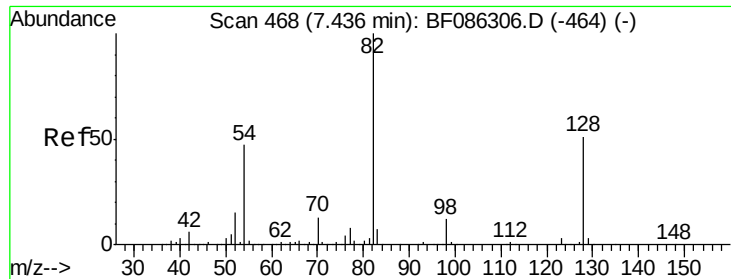
54 6.0 7.3 10.9#

68 5.3 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

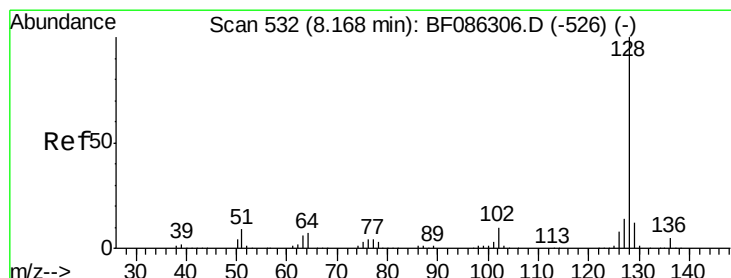
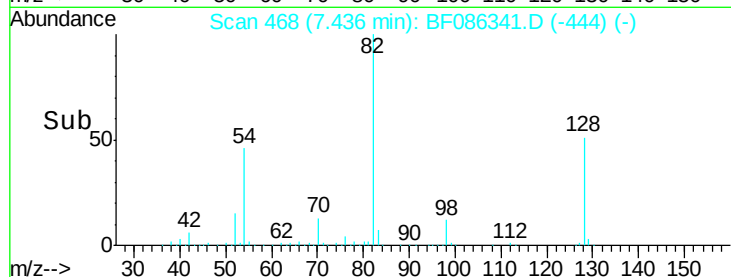
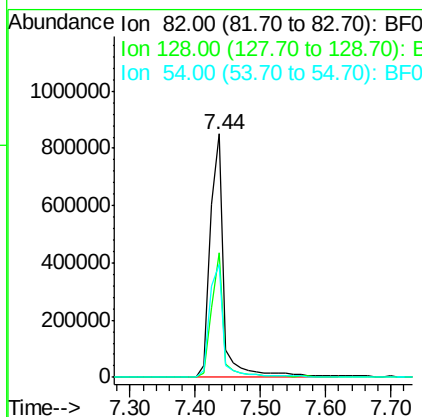
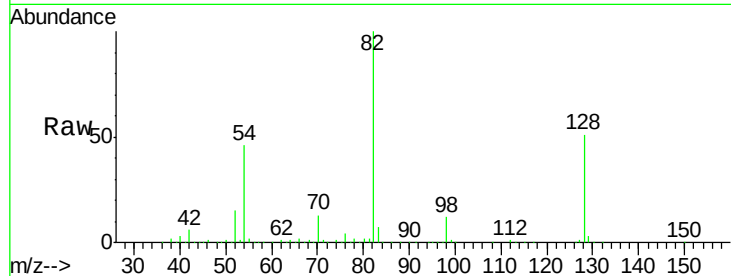




#23
 Nitrobenzene-d5
 Concen: 97.05 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF086341.D
 Acq: 21 Apr 2016 6:43

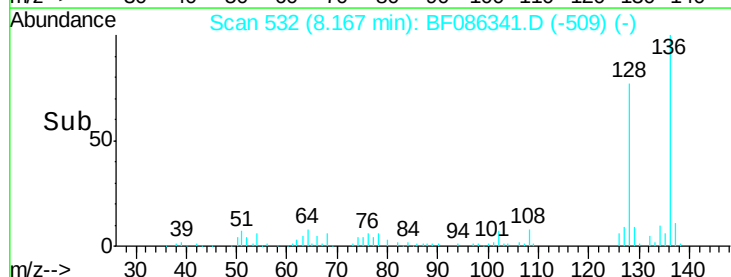
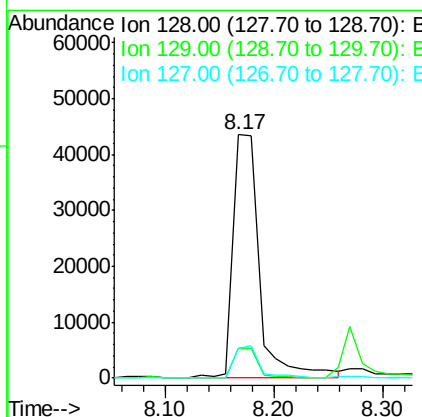
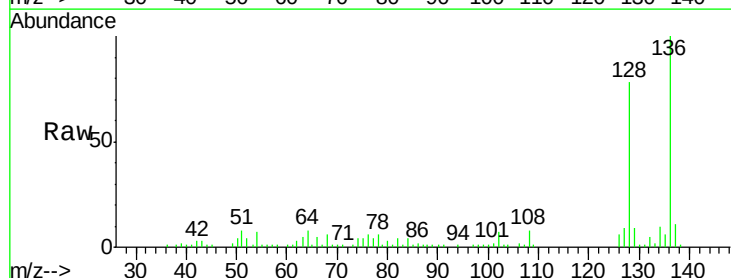
Instrument :
 BNA_F
 ClientSampleId :
 B-931WB(N)(19)

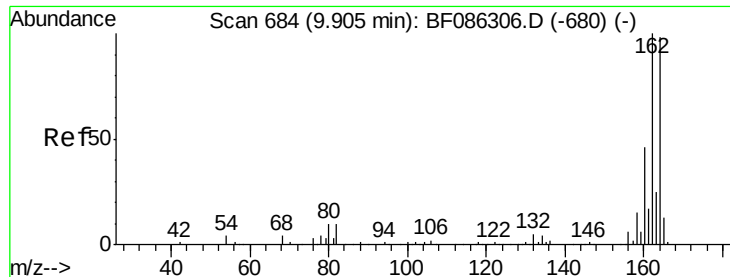
Tot Ion: 82 Resp: 1256583
 Ion Ratio Lower Upper
 82 100
 128 51.0 35.4 53.2
 54 46.3 43.4 65.0



#31
 Naphthalene
 Concen: 2.06 ng
 RT: 8.17 min Scan# 532
 Delta R.T. -0.03 min
 Lab File: BF086341.D
 Acq: 21 Apr 2016 6:43

Tgt Ion: 128 Resp: 72838
 Ion Ratio Lower Upper
 128 100
 129 12.0 9.6 14.4
 127 12.1 11.4 17.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.03 min

Lab File: BF086341.D

Acq: 21 Apr 2016 6:43

Instrument :

BNA_F

ClientSampleId :

B-931WB(N)(19)

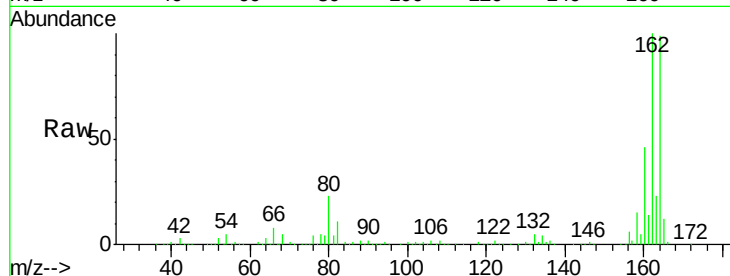
Tot Ion:164 Resp: 274579

Ion Ratio Lower Upper

164 100

162 101.1 82.8 124.2

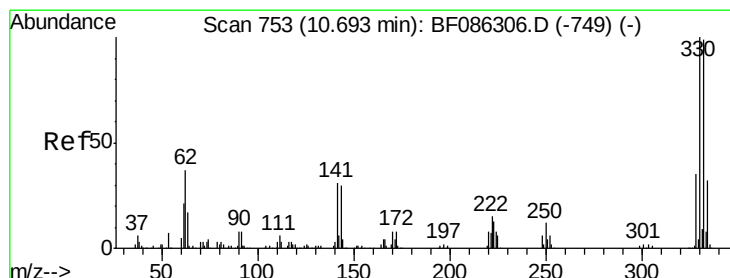
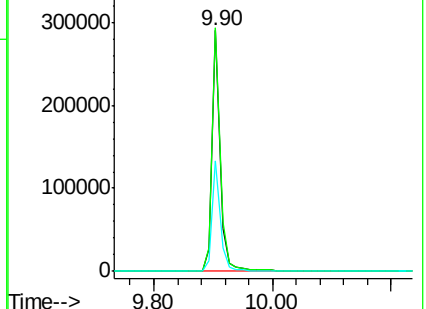
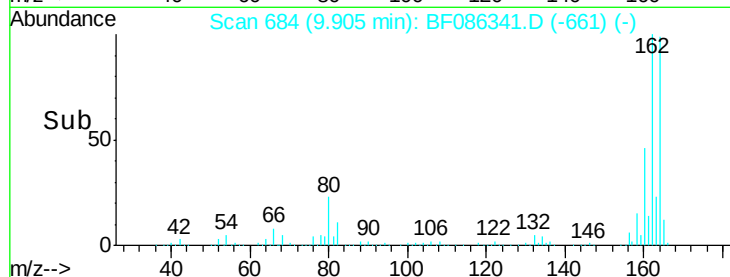
160 46.1 38.9 58.3



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: 145.82 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.03 min

Lab File: BF086341.D

Acq: 21 Apr 2016 6:43

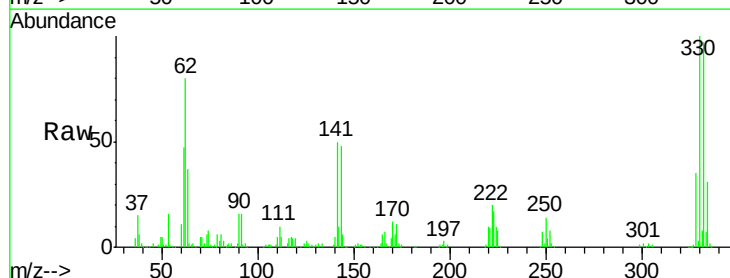
Tgt Ion:330 Resp: 312080

Ion Ratio Lower Upper

330 100

332 96.3 78.7 118.1

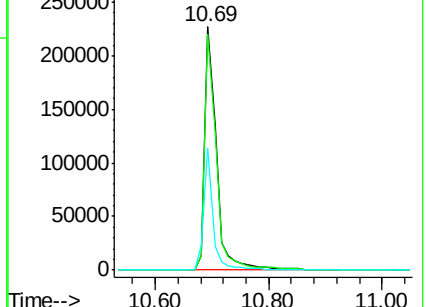
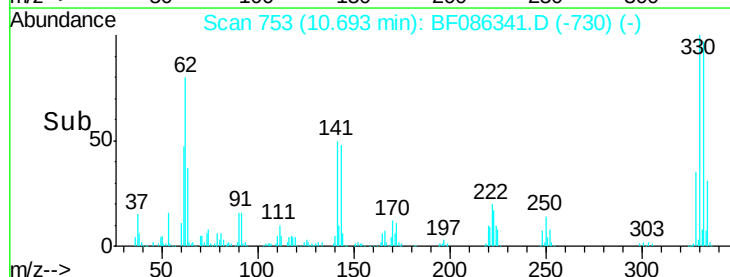
141 40.7 28.6 42.8

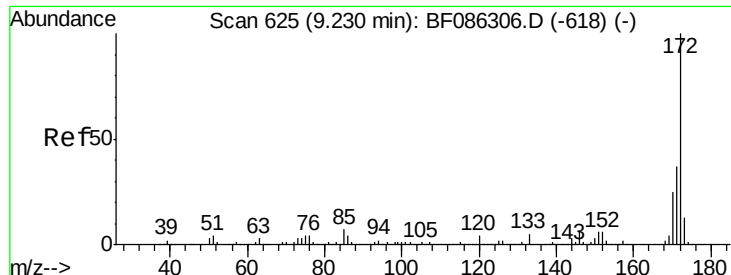


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



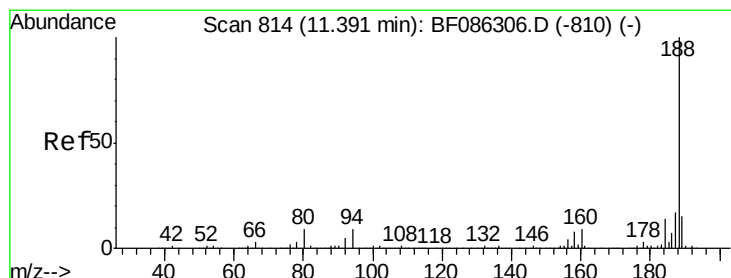
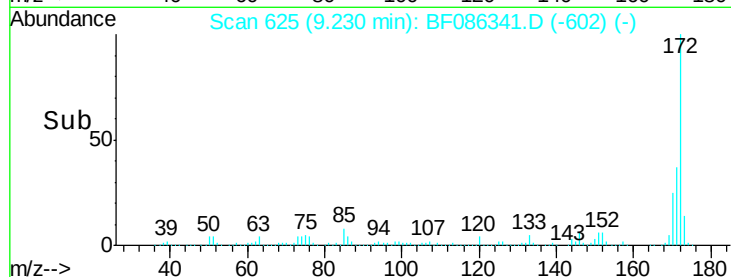
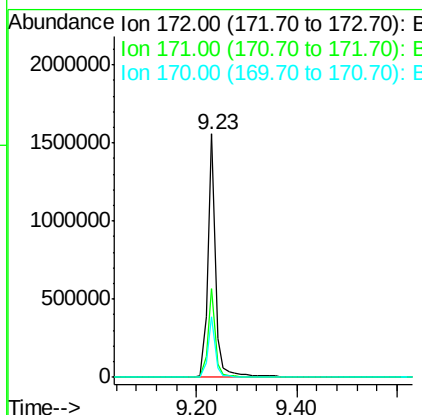
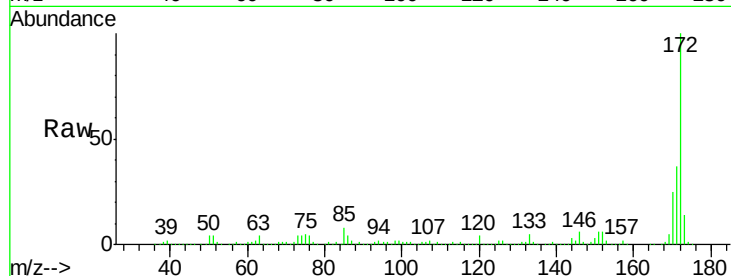


#44
 2-Fluorobiphenyl
 Concen: 130.69 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF086341.D
 Acq: 21 Apr 2016 6:43

Instrument :
 BNA_F
 ClientSampleId :
 B-931WB(N)(19)

Tot Ion:172 Resp: 1676786

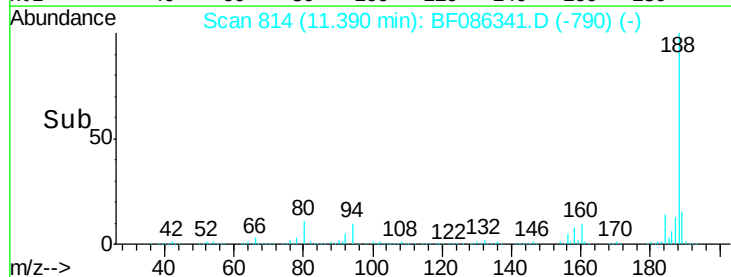
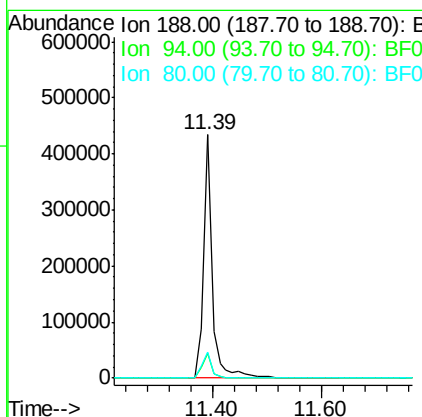
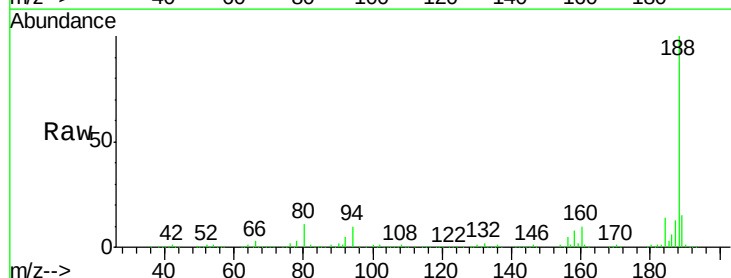
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.1	43.7
170	24.8	19.9	29.9

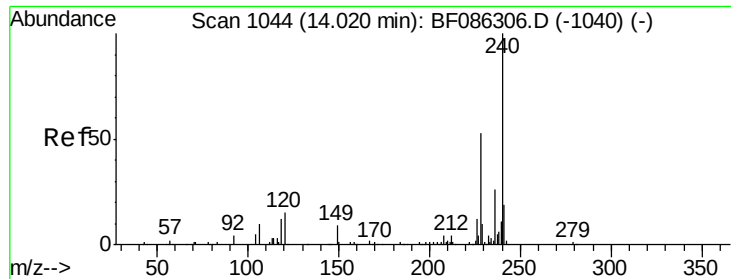


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BF086341.D
 Acq: 21 Apr 2016 6:43

Tgt Ion:188 Resp: 478097

Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.8	14.8
80	10.7	10.5	15.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF086341.D

Acq: 21 Apr 2016 6:43

Instrument :

BNA_F

ClientSampleId :

B-931WB(N)(19)

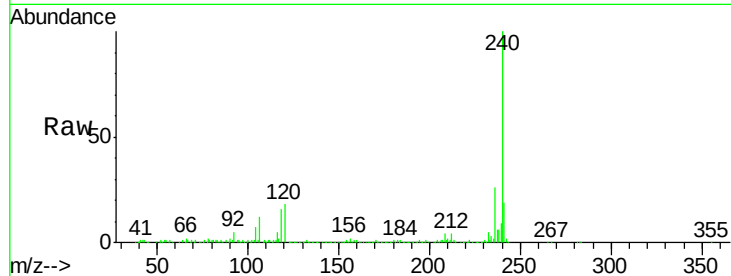
Tot Ion:240 Resp: 360386

Ion Ratio Lower Upper

240 100

120 18.2 9.3 13.9#

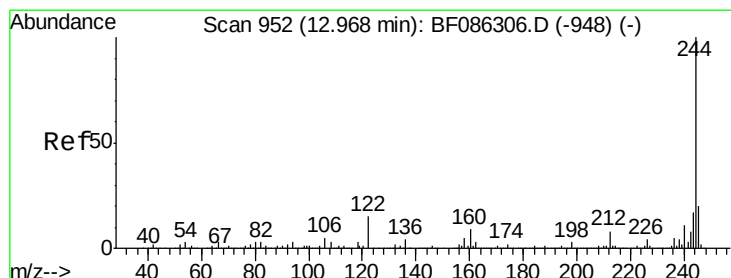
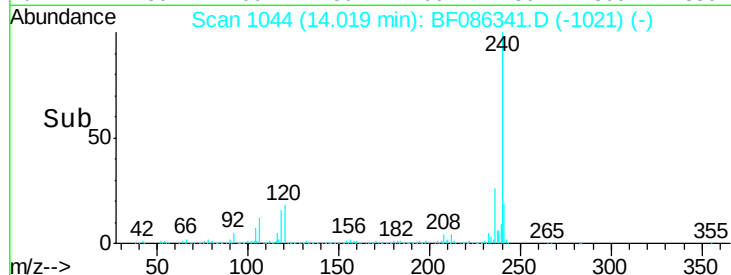
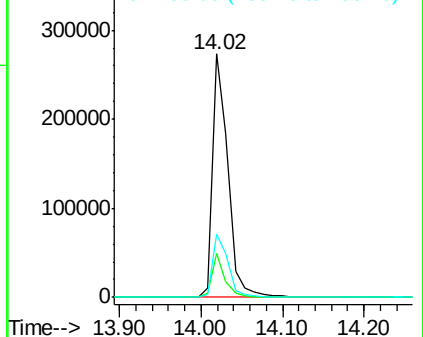
236 25.9 21.1 31.7



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: 93.83 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF086341.D

Acq: 21 Apr 2016 6:43

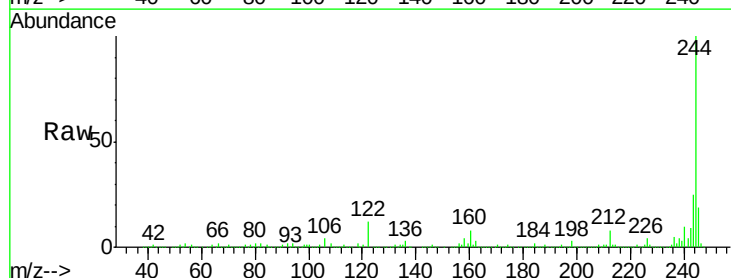
Tgt Ion:244 Resp: 1420520

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

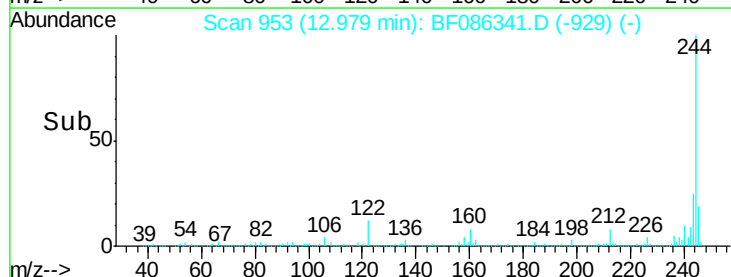
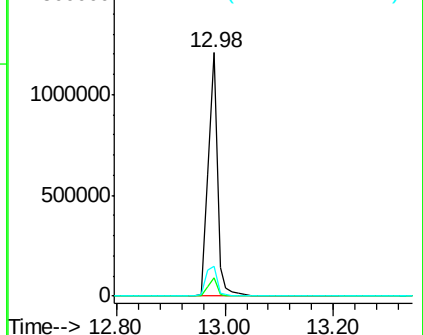
122 12.4 11.7 17.5

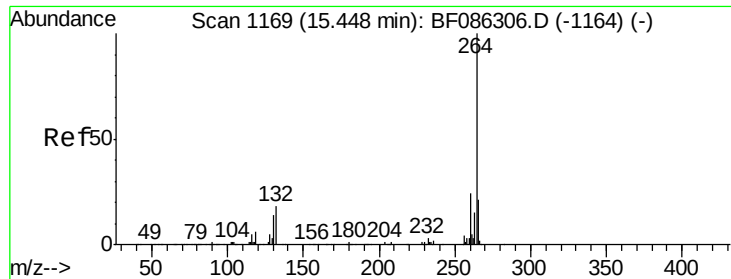


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF086341.D
Acq: 21 Apr 2016 6:43

Instrument :
BNA_F
ClientSampleId :
B-931WB(N)(19)

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	25.1	20.0	30.0	
265	21.7	17.4	26.0	

