

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
 Data File : BF084833.D
 Acq On : 4 Feb 2016 17:16
 Operator : SJ/IZ
 Sample : H1306-01 50X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BLFS-RL01

Quant Time: Feb 05 06:03:14 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

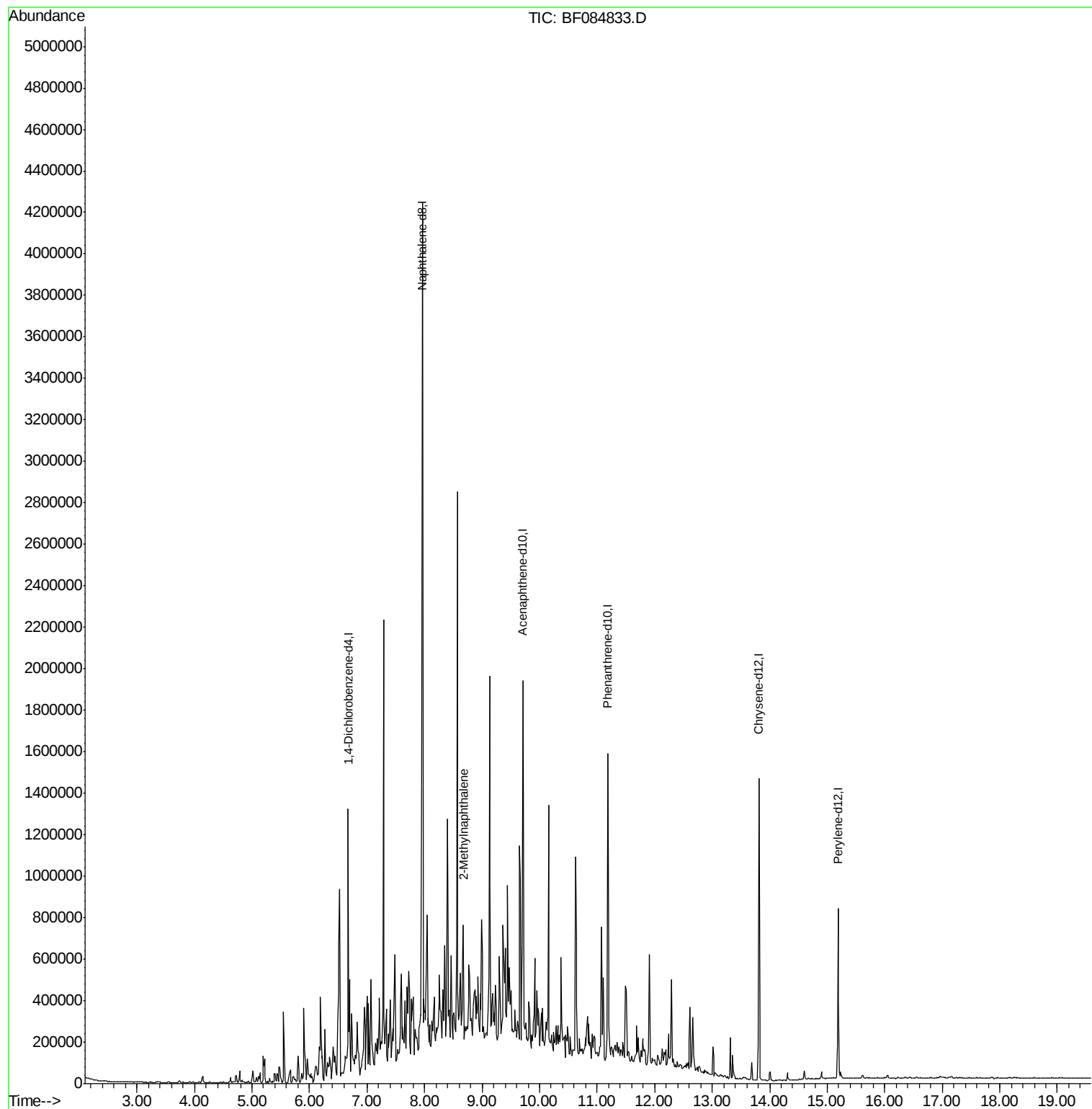
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	159034	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	628701	20.00	ng	-0.01
38) Acenaphthene-d10	9.71	164	316819	20.00	ng	-0.02
63) Phenanthrene-d10	11.18	188	545841	20.00	ng	-0.02
75) Chrysene-d12	13.81	240	492647	20.00	ng	-0.02
86) Perylene-d12	15.19	264	358596	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	2053	0.20	ng	-0.01
7) Phenol-d6	6.33	99	2738	0.22	ng	-0.01
23) Nitrobenzene-d5	7.21	82	5041	0.45	ng	-0.06
41) 2,4,6-Tribromophenol	10.50	330	562	0.17	ng	-0.02
44) 2-Fluorobiphenyl	9.04	172	4619	-1.00	ng	-0.02
78) Terphenyl-d14	12.77	244	3707	0.17	ng	-0.02
Target Compounds						
37) 2-Methylnaphthalene	8.67	142	132897	6.73	ng	Qvalue 97

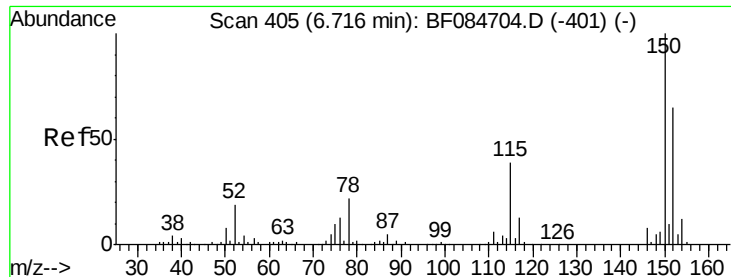
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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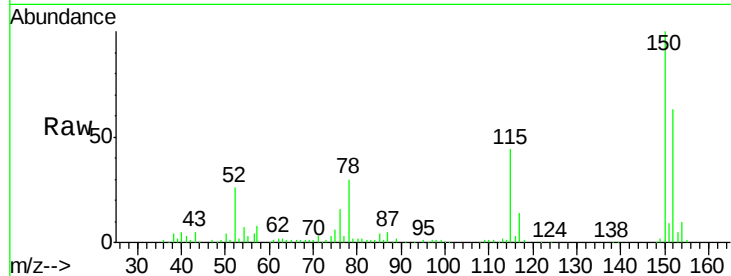


#1

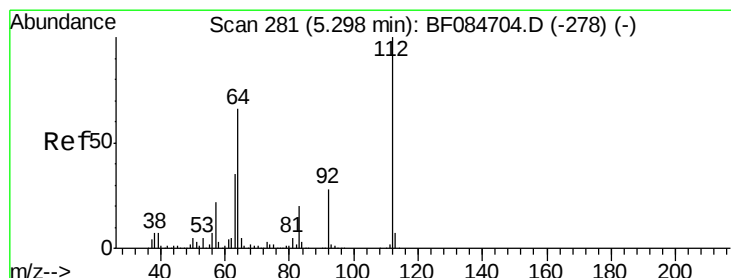
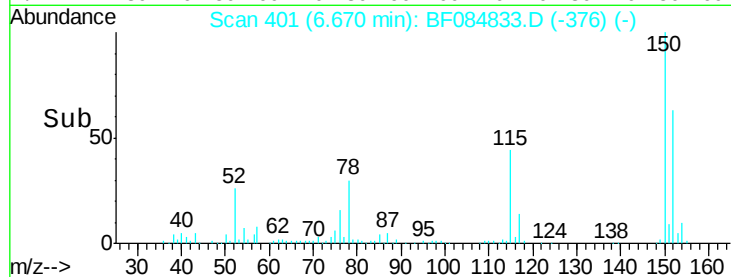
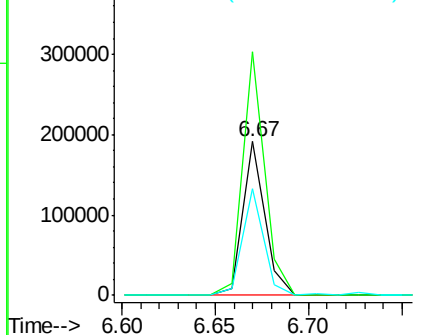
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 401
Delta R.T. -0.01 min
Lab File: BF084833.D
Acq: 4 Feb 2016 17:16

Instrument :
BNA_F
ClientSampleId :
BLFS-RL01

Tot Ion:152 Resp: 159034
Ion Ratio Lower Upper
152 100
150 158.2 123.0 184.4
115 69.3 51.4 77.2



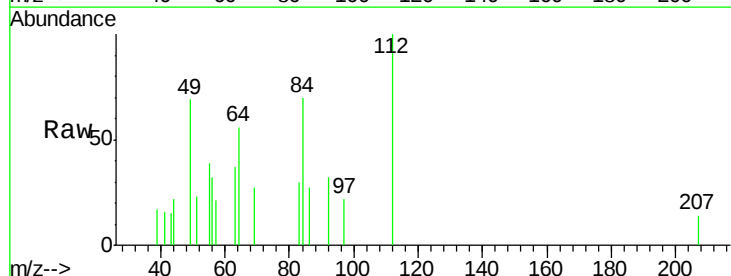
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



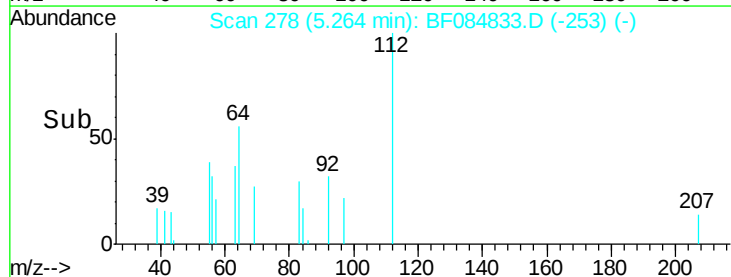
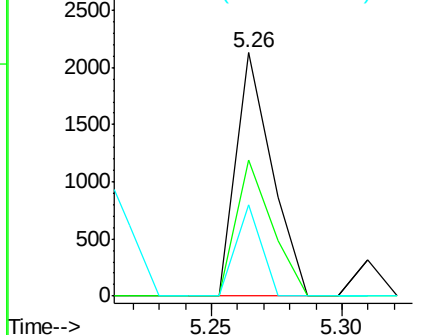
#5

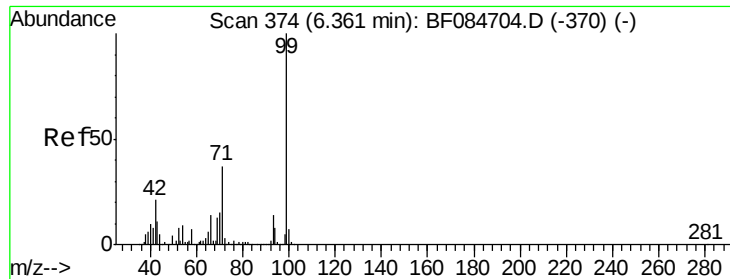
2-Fluorophenol
Concen: 0.20 ng
RT: 5.26 min Scan# 278
Delta R.T. -0.01 min
Lab File: BF084833.D
Acq: 4 Feb 2016 17:16

Tgt Ion:112 Resp: 2053
Ion Ratio Lower Upper
112 100
64 55.8 36.6 55.0#
63 37.4 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: 0.22 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF084833.D

Acq: 4 Feb 2016 17:16

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

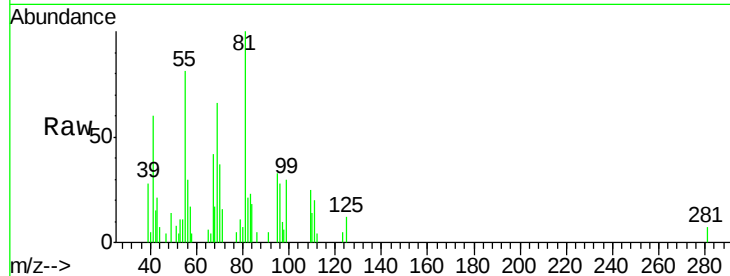
Tot Ion: 99 Resp: 2738

Ion Ratio Lower Upper

99 100

42 50.3 12.8 19.2#

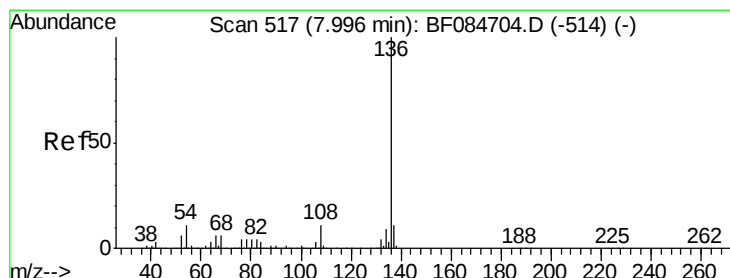
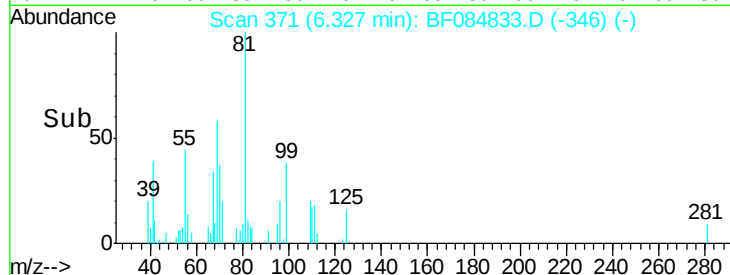
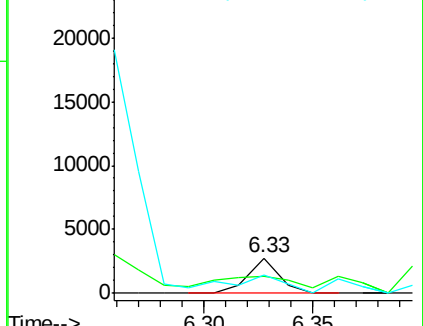
71 53.0 30.9 46.3#



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: 7.96 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF084833.D

Acq: 4 Feb 2016 17:16

Tgt Ion: 136 Resp: 628701

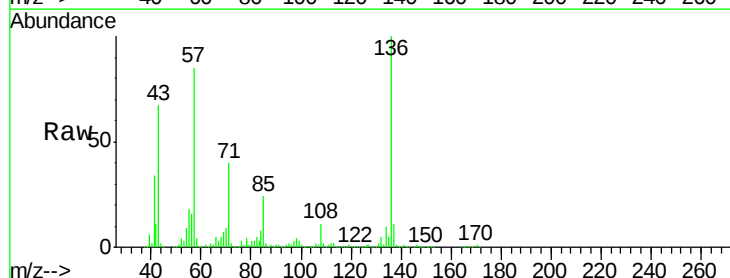
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 9.4 5.8 8.8#

68 5.4 4.2 6.2

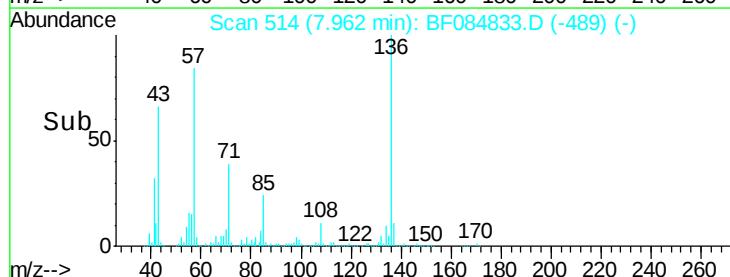
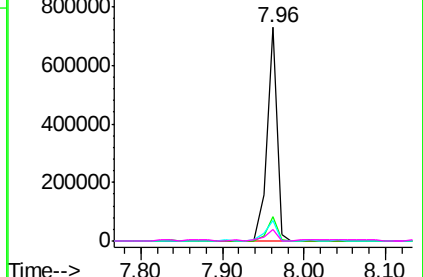


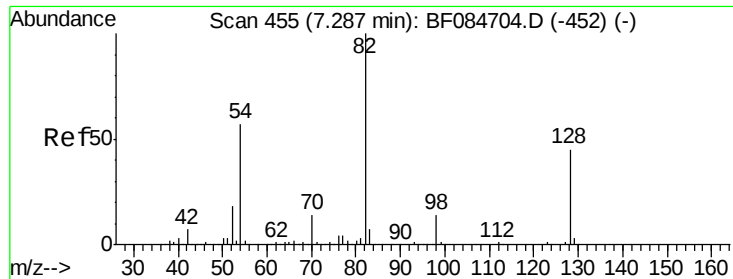
Abundance Ion 136.00 (135.70 to 136.70): E

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

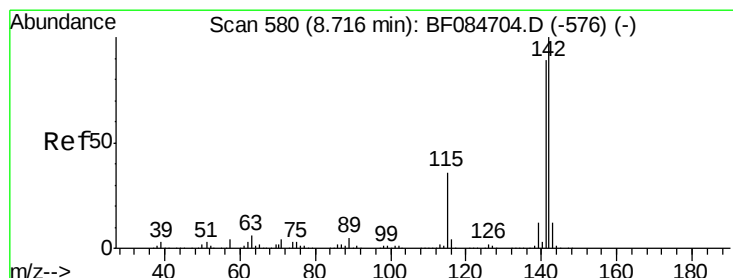
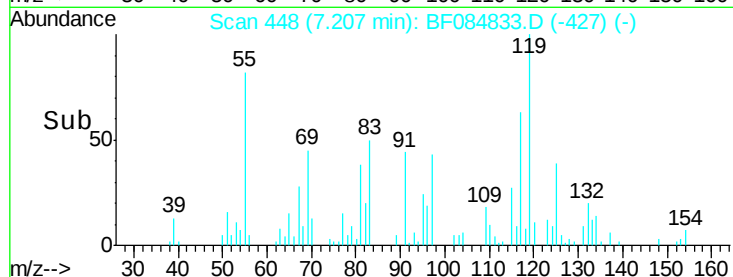
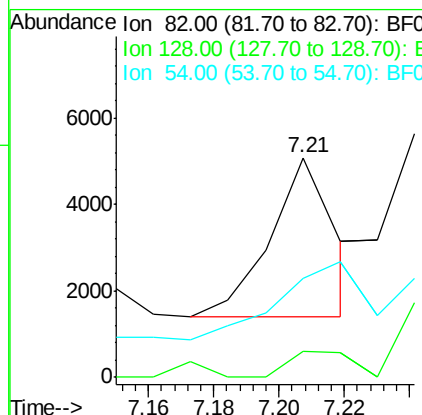
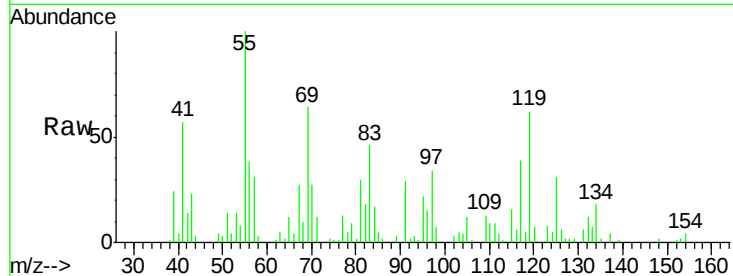




#23
 Nitrobenzene-d5
 Concen: 0.45 ng
 RT: 7.21 min Scan# 448
 Delta R.T. -0.06 min
 Lab File: BF084833.D
 Acq: 4 Feb 2016 17:16

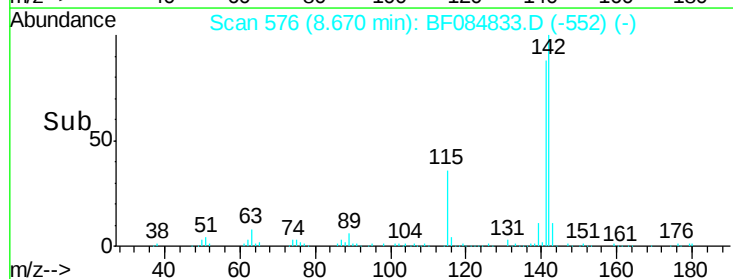
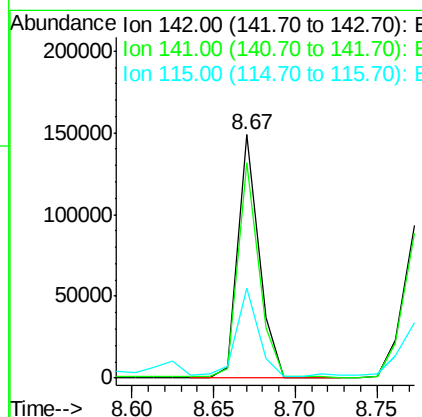
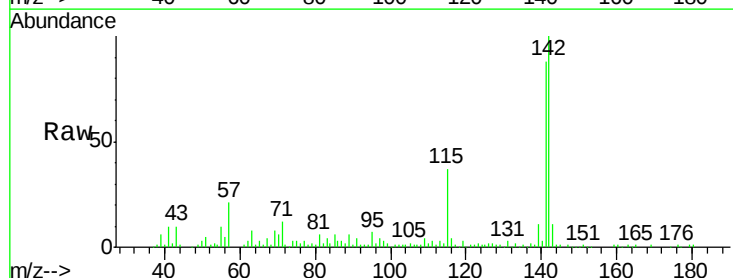
Instrument :
 BNA_F
 ClientSampleId :
 BLFS-RL01

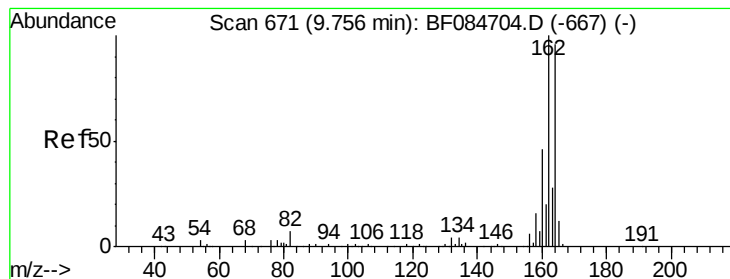
Tot Ion: 82 Resp: 5041
 Ion Ratio Lower Upper
 82 100
 128 11.7 34.6 51.8#
 54 45.1 38.4 57.6



#37
 2-Methylnaphthalene
 Concen: 6.73 ng
 RT: 8.67 min Scan# 576
 Delta R.T. -0.02 min
 Lab File: BF084833.D
 Acq: 4 Feb 2016 17:16

Tgt Ion: 142 Resp: 132897
 Ion Ratio Lower Upper
 142 100
 141 88.3 72.4 108.6
 115 36.9 27.9 41.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF084833.D

Acq: 4 Feb 2016 17:16

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

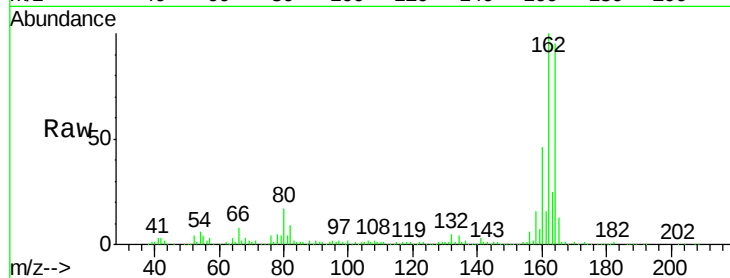
Tot Ion:164 Resp: 316819

Ion Ratio Lower Upper

164 100

162 104.8 85.1 127.7

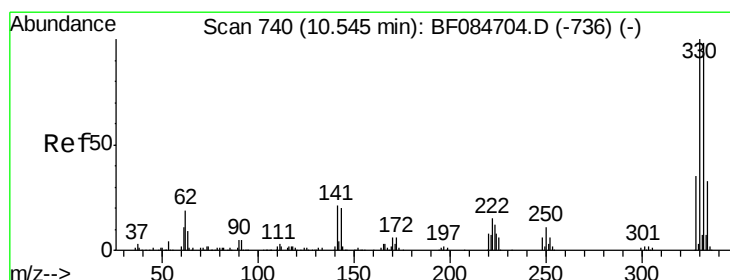
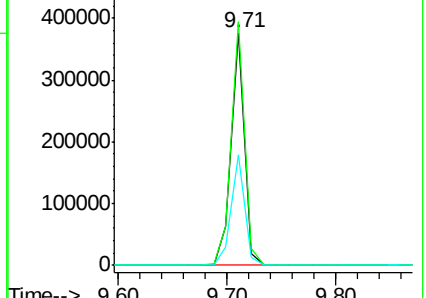
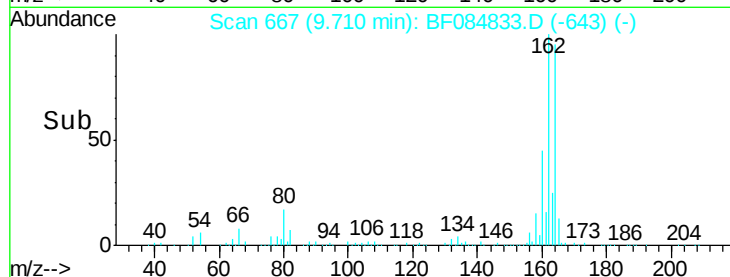
160 47.7 37.5 56.3



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: 0.17 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.02 min

Lab File: BF084833.D

Acq: 4 Feb 2016 17:16

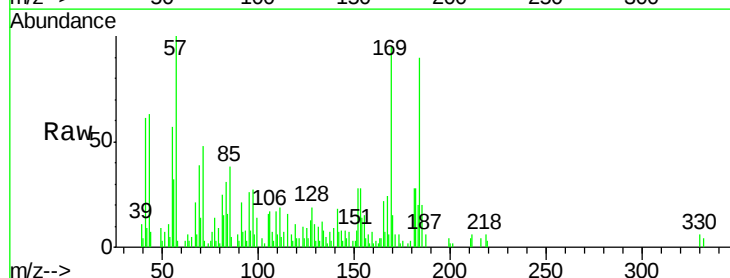
Tgt Ion:330 Resp: 562

Ion Ratio Lower Upper

330 100

332 68.9 76.6 114.8#

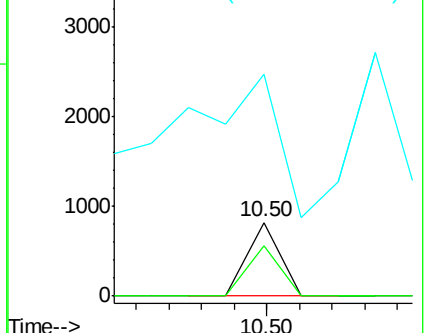
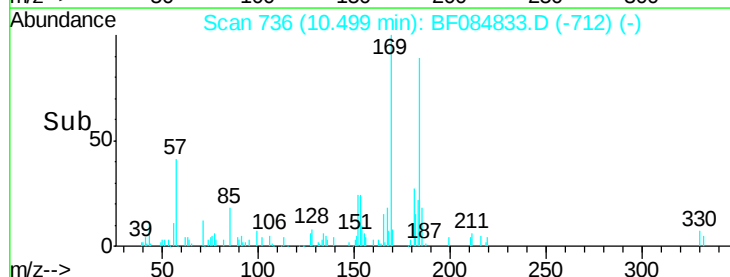
141 660.1 27.8 41.6#

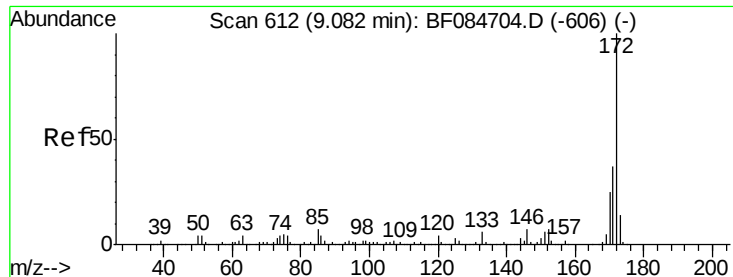


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

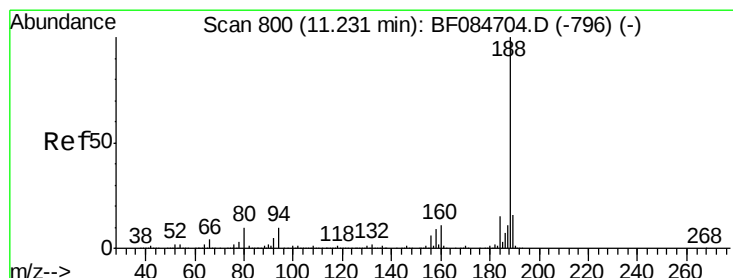
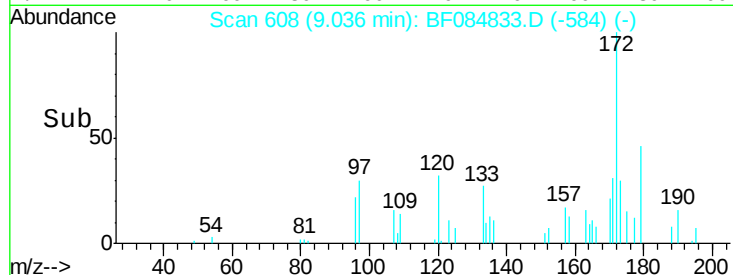
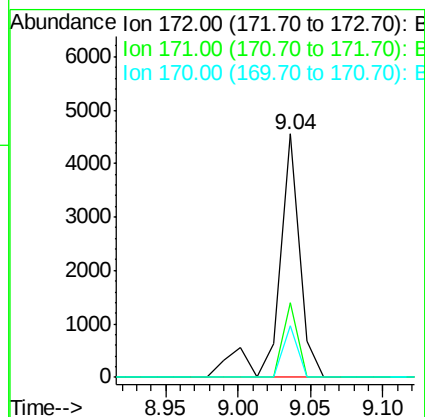
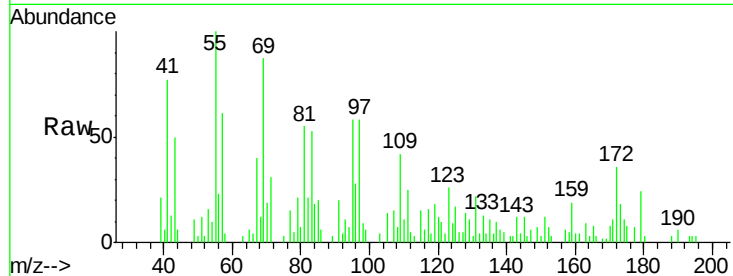




#44
 2-Fluorobiphenyl
 Concen: -1.00 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF084833.D
 Acq: 4 Feb 2016 17:16

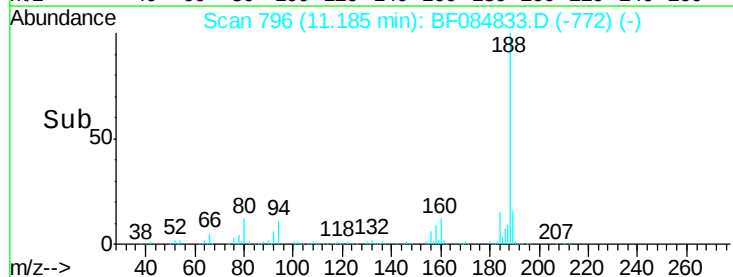
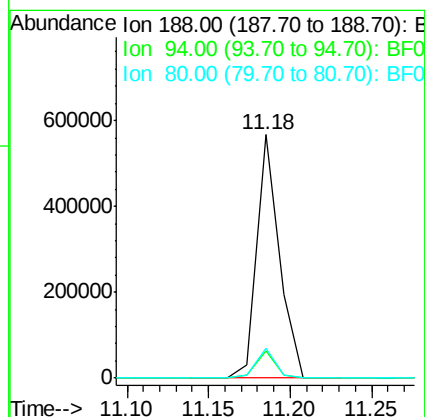
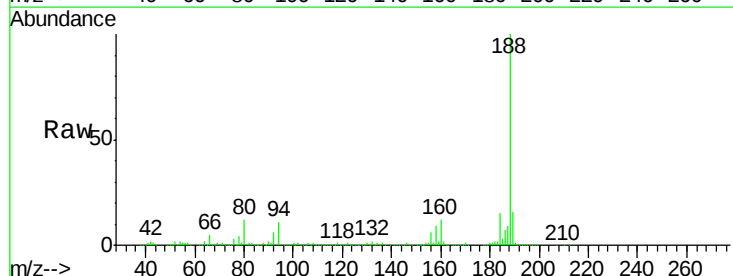
Instrument :
 BNA_F
 ClientSampleId :
 BLFS-RL01

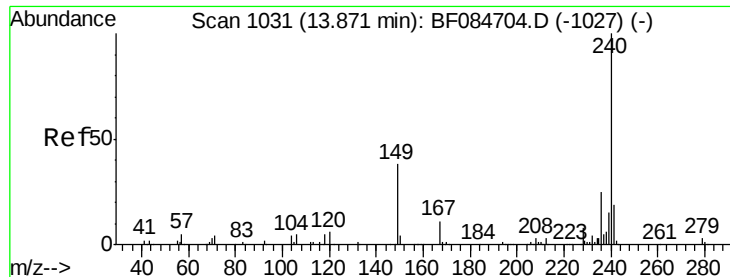
Tot Ion:172 Resp: 4619
 Ion Ratio Lower Upper
 172 100
 171 30.7 28.9 43.3
 170 21.1 18.6 27.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.18 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF084833.D
 Acq: 4 Feb 2016 17:16

Tgt Ion:188 Resp: 545841
 Ion Ratio Lower Upper
 188 100
 94 11.2 9.0 13.4
 80 12.1 9.6 14.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.81 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF084833.D

Acq: 4 Feb 2016 17:16

Instrument :

BNA_F

ClientSampleId :

BLFS-RL01

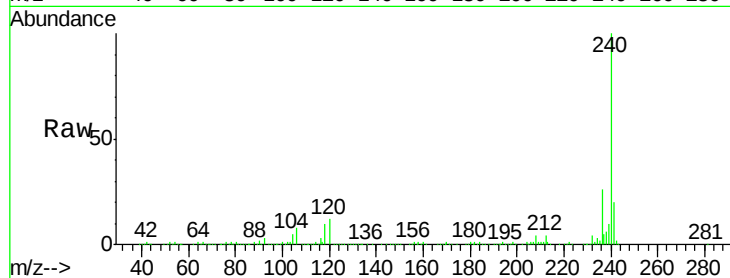
Tot Ion:240 Resp: 492647

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

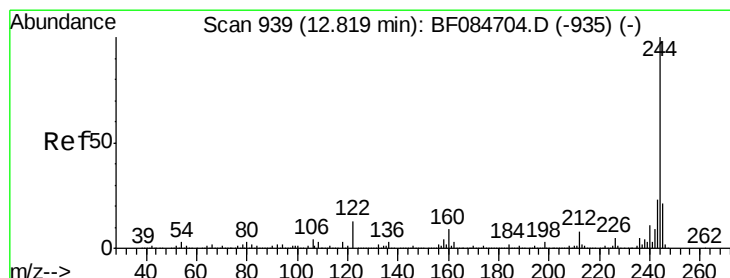
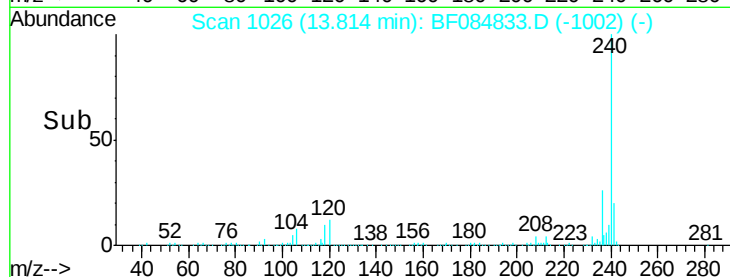
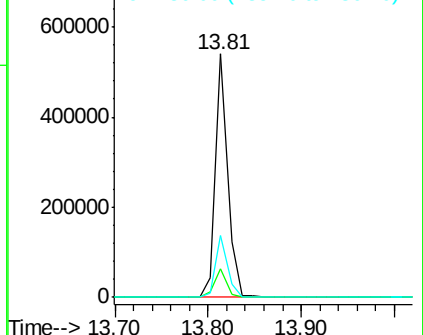
236 25.6 20.6 31.0



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



#78

Terphenyl-d14

Concen: 0.17 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF084833.D

Acq: 4 Feb 2016 17:16

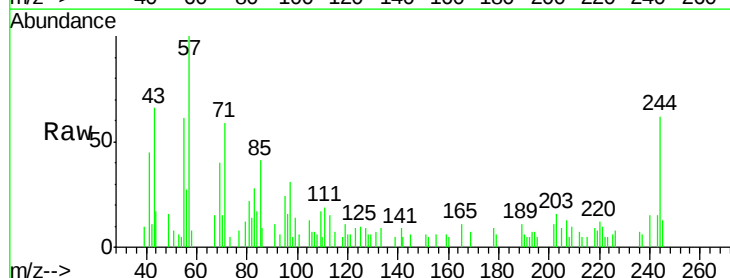
Tgt Ion:244 Resp: 3707

Ion Ratio Lower Upper

244 100

212 11.7 5.7 8.5#

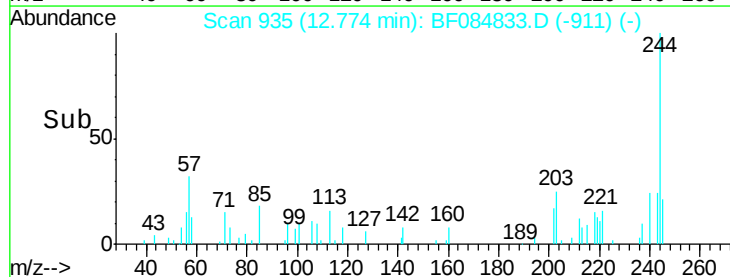
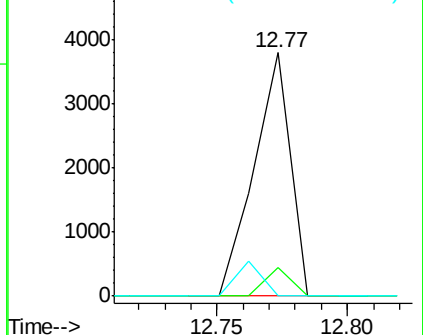
122 0.0 7.4 11.0#

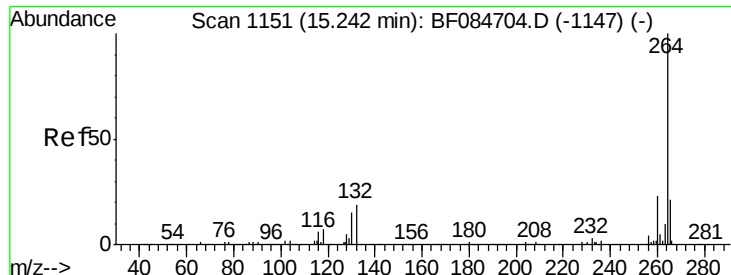


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

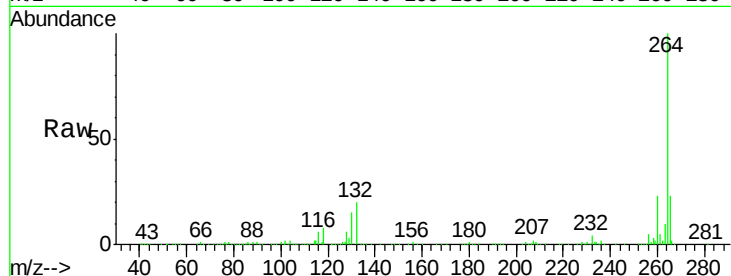




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.19 min Scan# 1146
 Delta R.T. -0.02 min
 Lab File: BF084833.D
 Acq: 4 Feb 2016 17:16

Instrument :
 BNA_F
 ClientSampleId :
 BLFS-RL01

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	22.6	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

