

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
 Data File : BF086833.D
 Acq On : 9 May 2016 21:07
 Operator : UM/SJ
 Sample : PB90374BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90374BL

Quant Time: May 10 03:22:35 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	151563	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	631576	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	316443	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	663020	20.00	ng	0.00
75) Chrysene-d12	13.83	240	567452	20.00	ng	-0.01
86) Perylene-d12	15.21	264	471008	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1169679	130.70	ng	0.01
7) Phenol-d6	6.35	99	1430599	119.61	ng	-0.01
23) Nitrobenzene-d5	7.26	82	1026239	81.59	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	439411	131.16	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1686806	89.59	ng	0.00
78) Terphenyl-d14	12.78	244	1741615	65.12	ng	-0.01

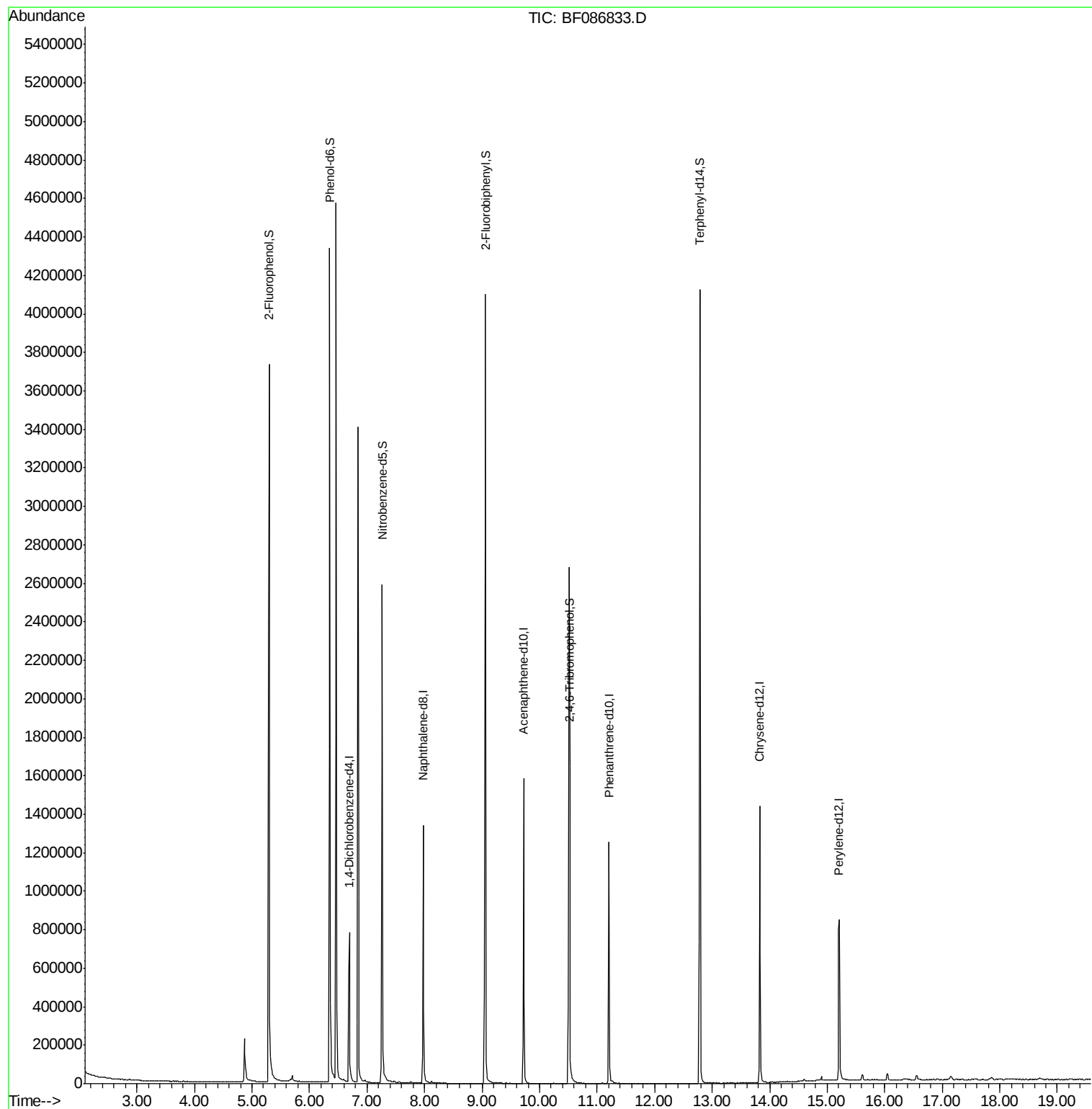
Target Compounds Qvalue

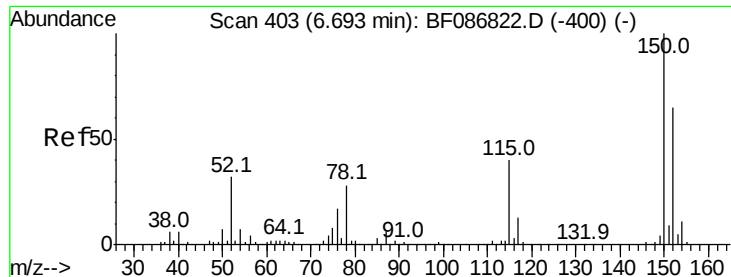
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF086833.D

Acq: 9 May 2016 21:07

Instrument :

BNA_F

ClientSampleId :

PB90374BL

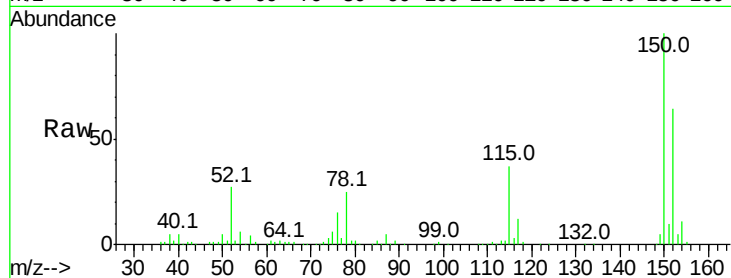
Tot Ion:152 Resp: 151563

Ion Ratio Lower Upper

152 100

150 155.0 125.8 188.6

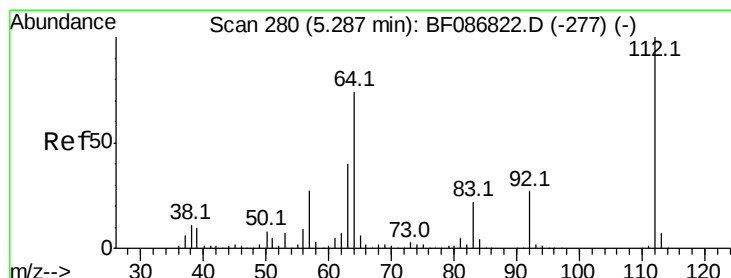
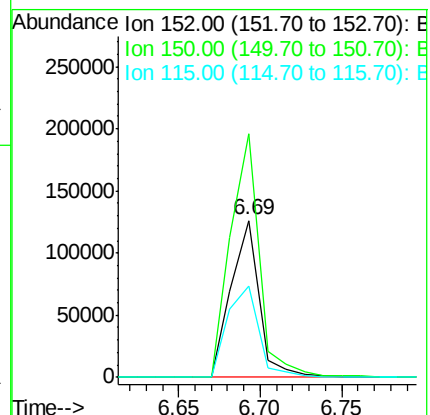
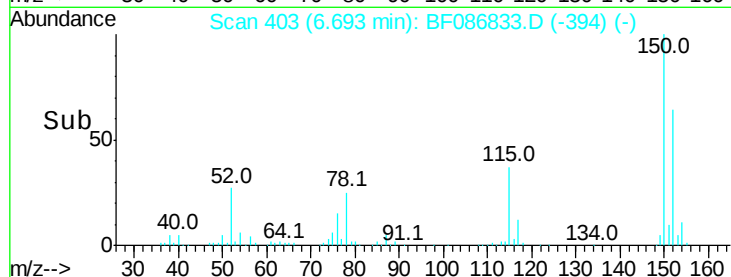
115 58.0 51.5 77.3



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: 130.70 ng

RT: 5.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: BF086833.D

Acq: 9 May 2016 21:07

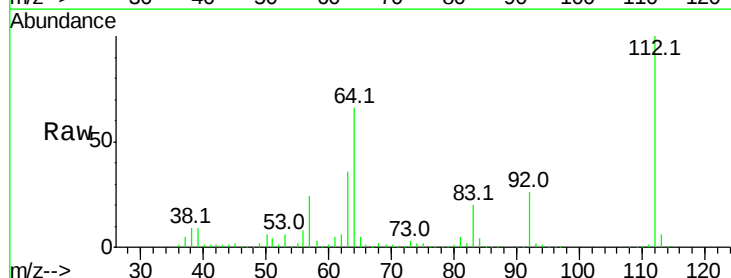
Tgt Ion:112 Resp: 1169679

Ion Ratio Lower Upper

112 100

64 65.9 52.1 78.1

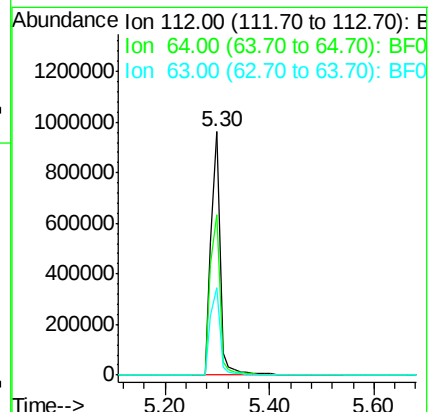
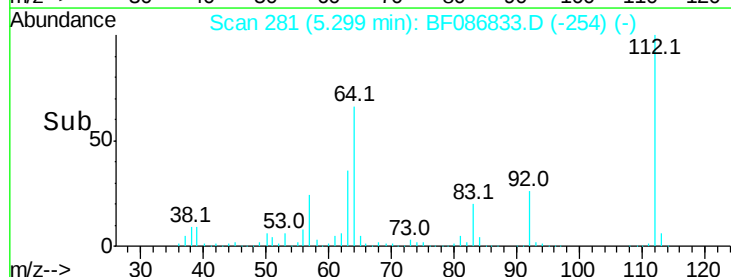
63 35.7 25.7 38.5

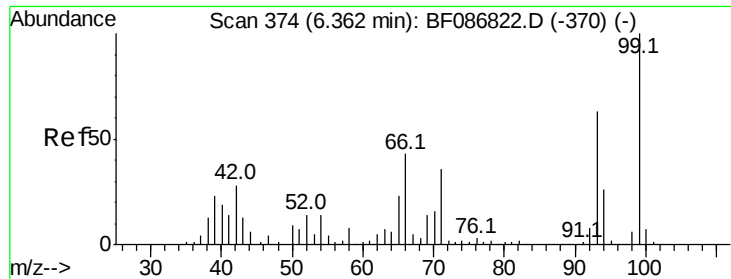


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.61 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF086833.D

Acq: 9 May 2016 21:07

Instrument :

BNA_F

ClientSampleId :

PB90374BL

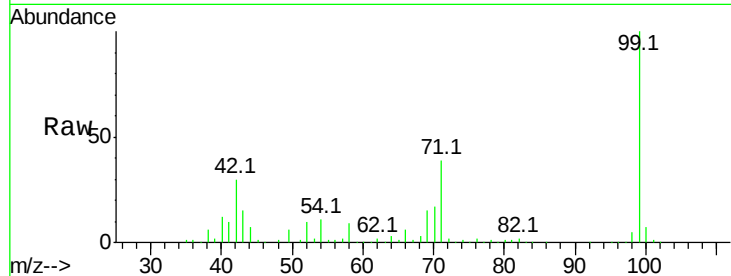
Tot Ion: 99 Resp: 1430599

Ion Ratio Lower Upper

99 100

42 30.4 13.6 20.4#

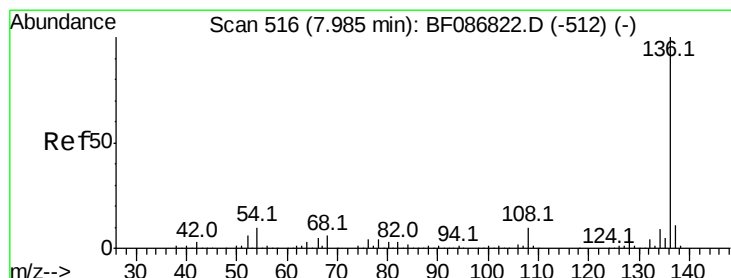
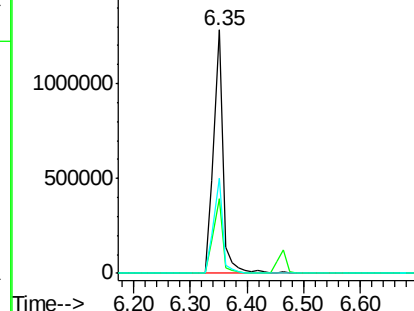
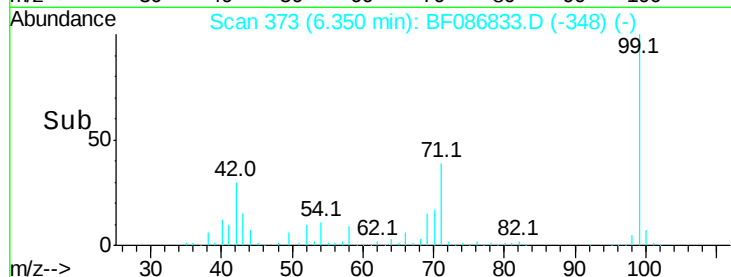
71 39.3 24.6 36.8#



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: 7.97 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF086833.D

Acq: 9 May 2016 21:07

Tgt Ion: 136 Resp: 631576

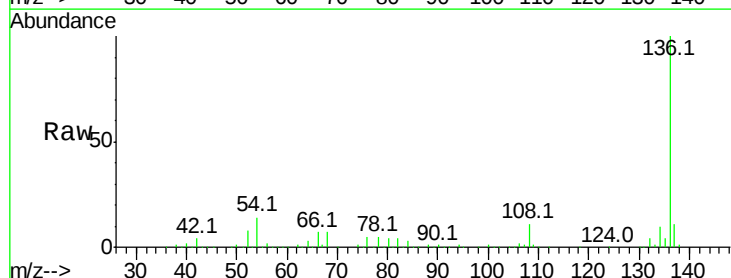
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 13.8 5.0 7.4#

68 7.4 4.4 6.6#

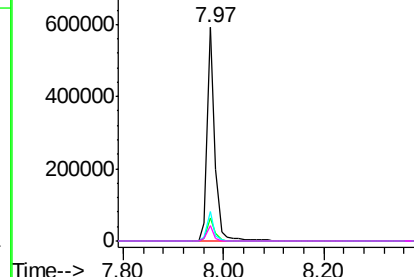
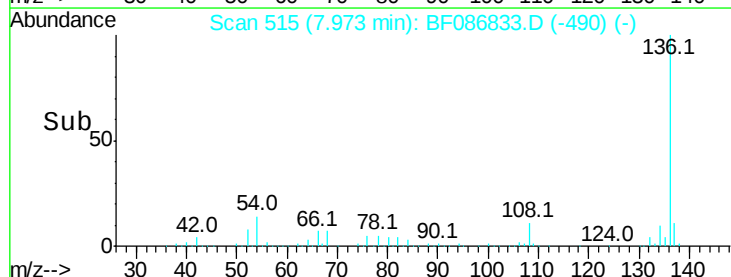


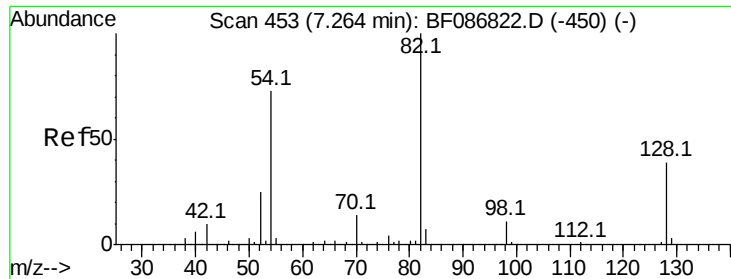
Abundance Ion 136.00 (135.70 to 136.70): E

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

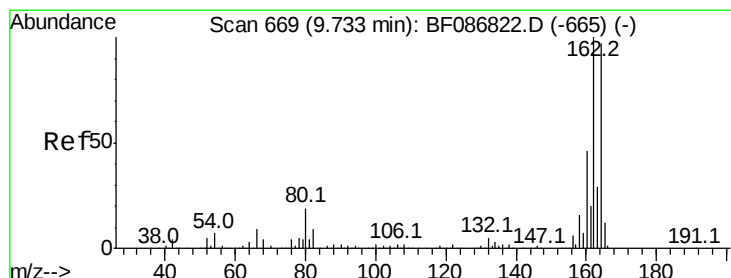
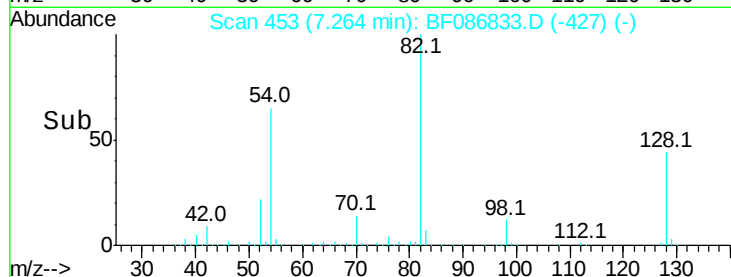
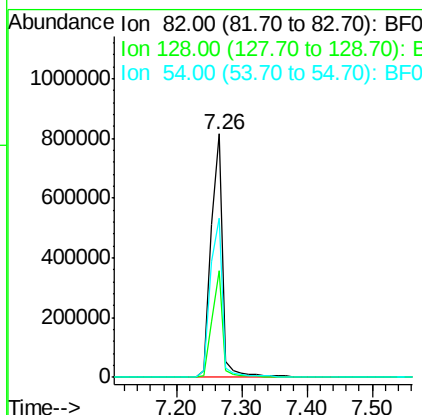
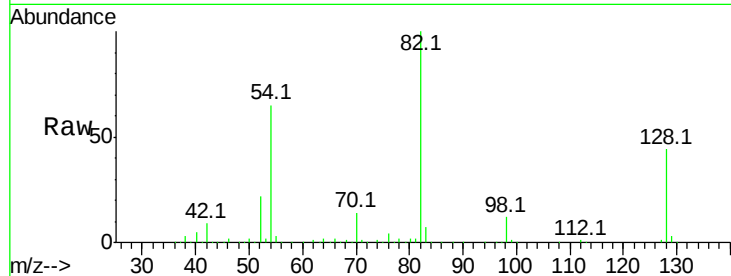




#23
 Nitrobenzene-d5
 Concen: 81.59 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.00 min
 Lab File: BF086833.D
 Acq: 9 May 2016 21:07

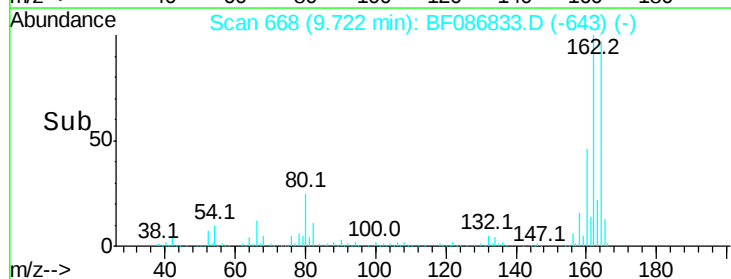
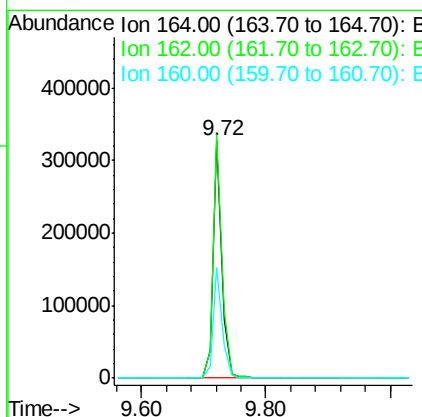
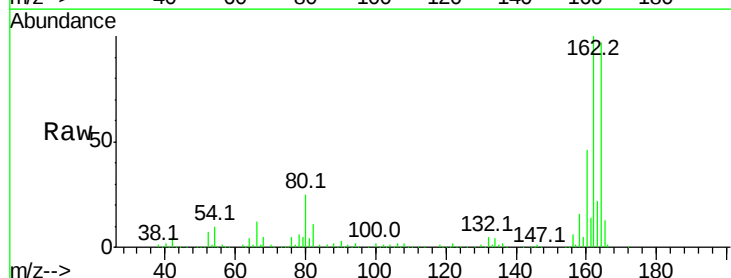
Instrument :
 BNA_F
 ClientSampleId :
 PB90374BL

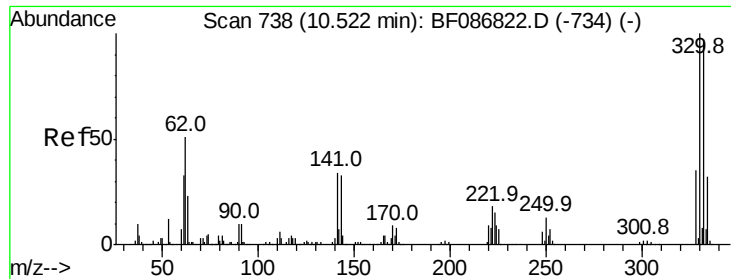
Tot Ion: 82 Resp: 1026239
 Ion Ratio Lower Upper
 82 100
 128 43.8 40.6 61.0
 54 65.1 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF086833.D
 Acq: 9 May 2016 21:07

Tgt Ion: 164 Resp: 316443
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.8 124.2
 160 46.8 36.9 55.3

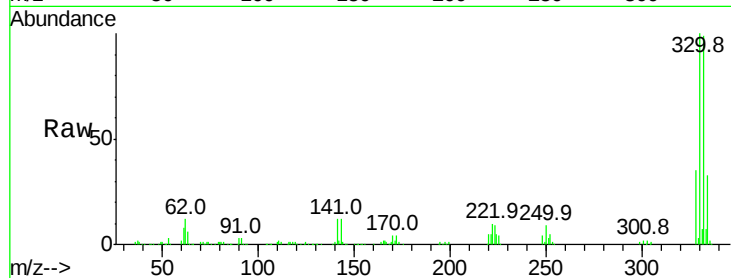




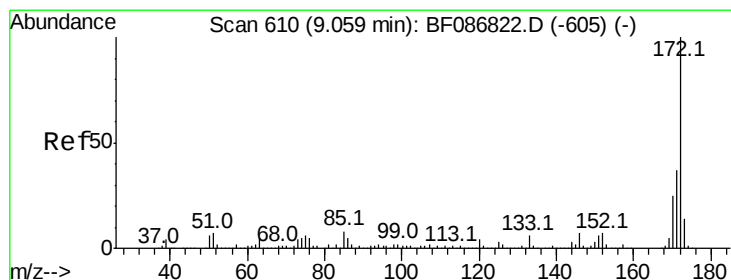
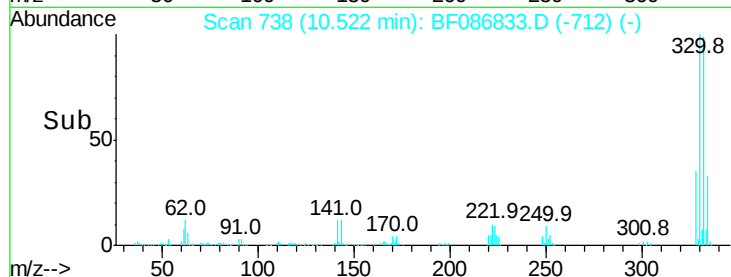
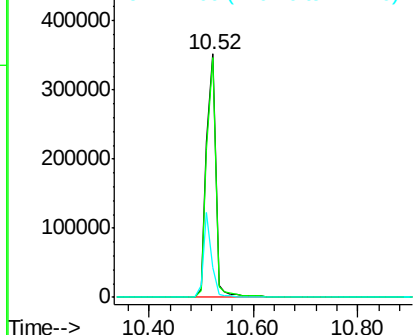
#41
 2,4,6-Tribromophenol
 Concen: 131.16 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF086833.D
 Acq: 9 May 2016 21:07

Instrument :
 BNA_F
 ClientSampleId :
 PB90374BL

Tot Ion:330 Resp: 439411
 Ion Ratio Lower Upper
 330 100
 332 97.3 79.0 118.4
 141 31.3 31.2 46.8

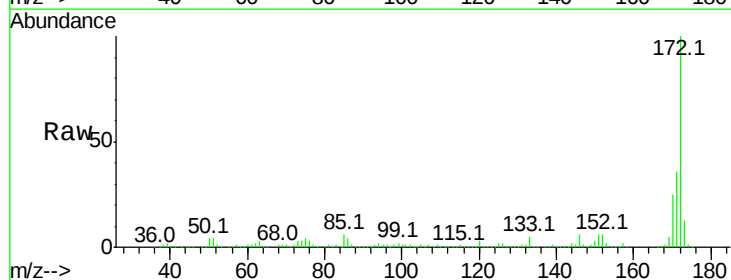


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

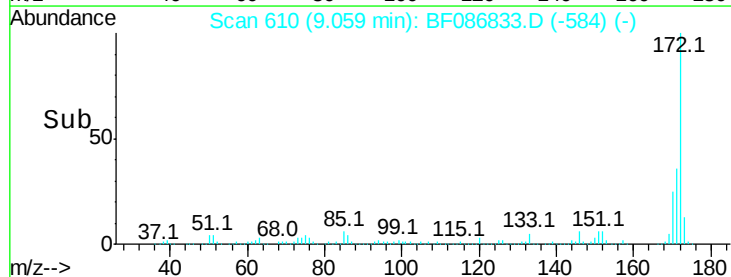
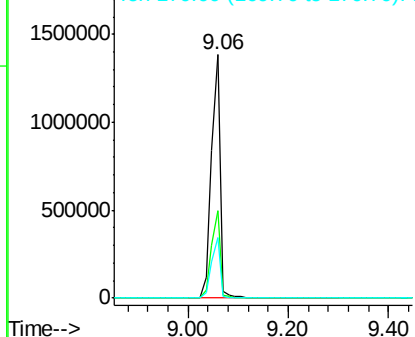


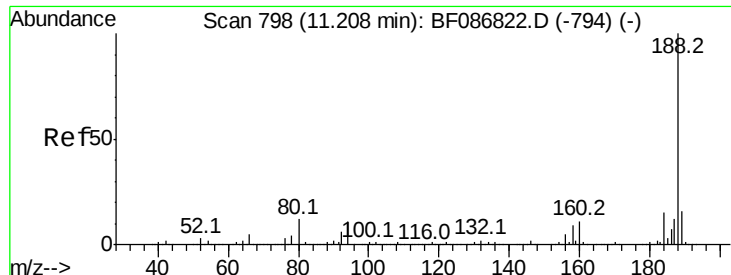
#44
 2-Fluorobiphenyl
 Concen: 89.59 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF086833.D
 Acq: 9 May 2016 21:07

Tgt Ion:172 Resp: 1686806
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 24.7 19.8 29.8



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

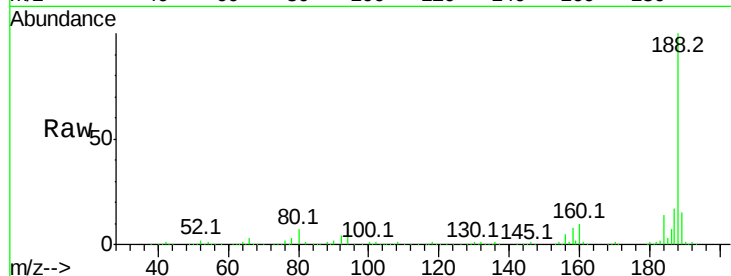




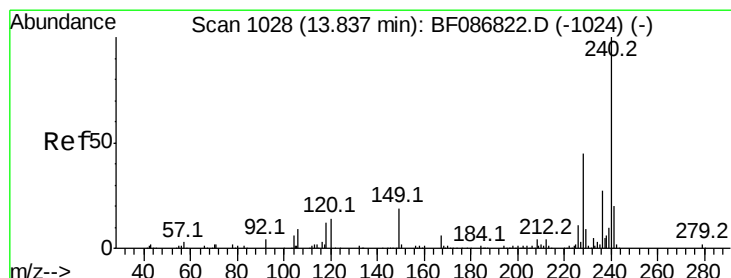
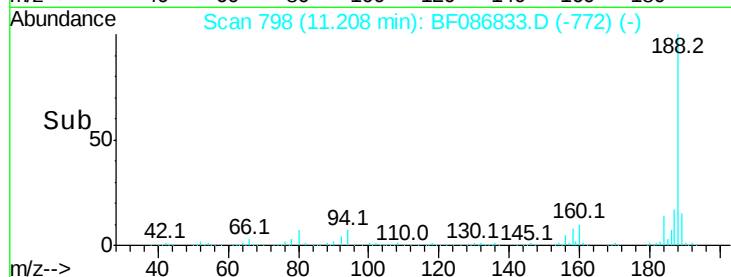
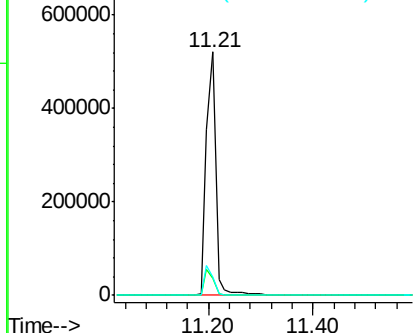
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF086833.D
Acq: 9 May 2016 21:07

Instrument :
BNA_F
ClientSampleId :
PB90374BL

Tot Ion:188 Resp: 663020
Ion Ratio Lower Upper
188 100
94 7.2 6.8 10.2
80 7.5 7.1 10.7

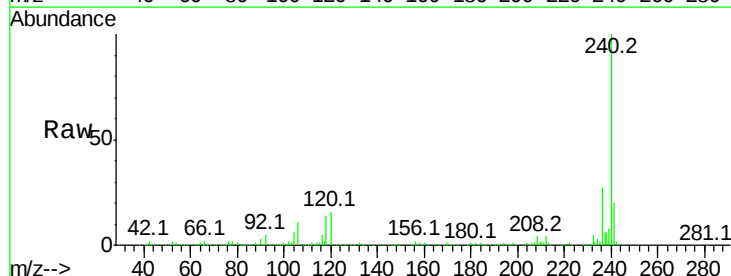


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

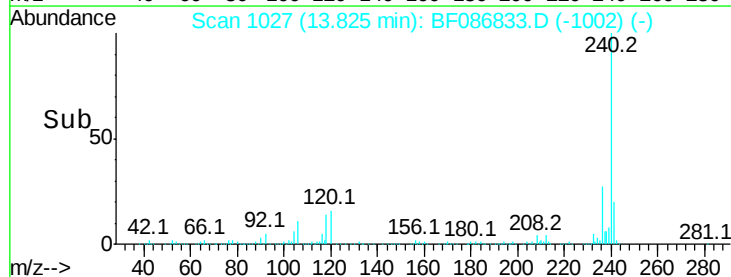
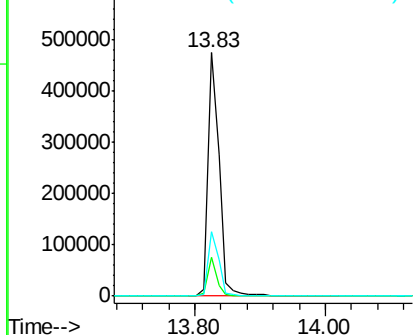


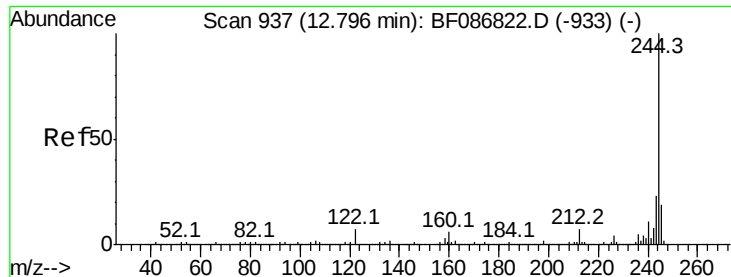
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF086833.D
Acq: 9 May 2016 21:07

Tgt Ion:240 Resp: 567452
Ion Ratio Lower Upper
240 100
120 16.0 11.2 16.8
236 26.7 21.2 31.8



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: 65.12 ng

RT: 12.78 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF086833.D

Acq: 9 May 2016 21:07

Instrument :

BNA_F

ClientSampleId :

PB90374BL

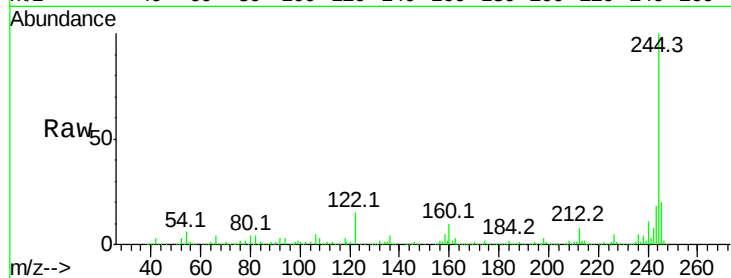
Tot Ion:244 Resp: 1741615

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

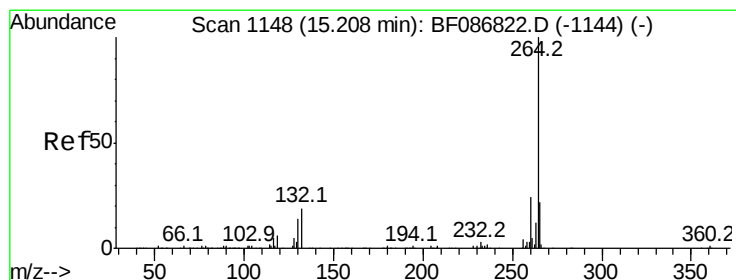
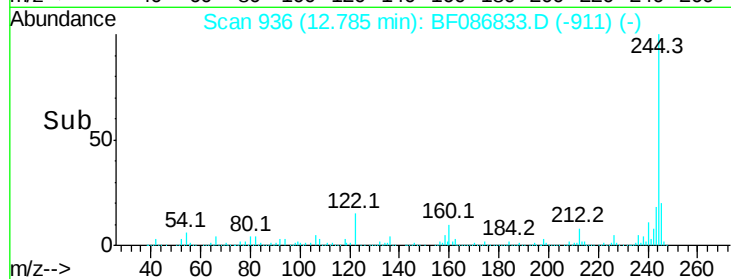
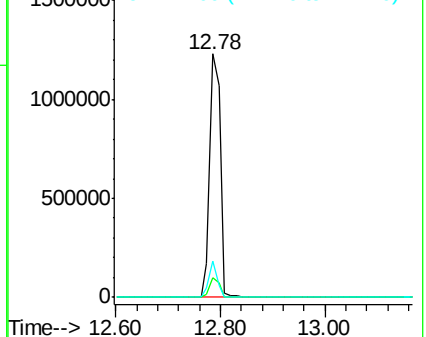
122 15.0 12.0 18.0



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: 15.21 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BF086833.D

Acq: 9 May 2016 21:07

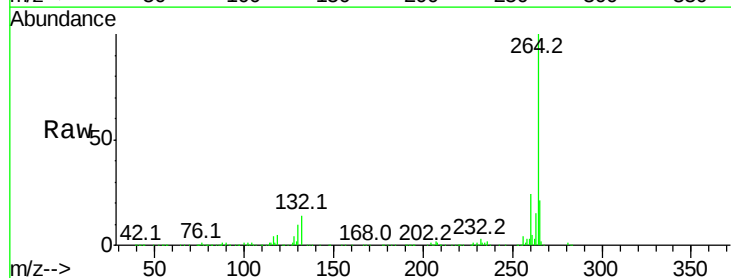
Tgt Ion:264 Resp: 471008

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 21.5 17.3 25.9



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

