

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051616\
 Data File : BF087086.D
 Acq On : 16 May 2016 17:30
 Operator : UM/SJ
 Sample : PB90651BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90651BL

Quant Time: May 17 02:14:10 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 01:12:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	128620	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	499044	20.00	ng	0.00
38) Acenaphthene-d10	9.64	164	193088	20.00	ng	0.00
63) Phenanthrene-d10	11.12	188	309545	20.00	ng	0.00
75) Chrysene-d12	13.75	240	263911	20.00	ng	-0.01
86) Perylene-d12	15.11	264	203434	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	882558	116.21	ng	0.01
7) Phenol-d6	6.27	99	1078752	106.28	ng	-0.01
23) Nitrobenzene-d5	7.18	82	648498	65.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.43	330	178630	87.39	ng	-0.01
44) 2-Fluorobiphenyl	8.97	172	1025268	89.24	ng	-0.01
78) Terphenyl-d14	12.71	244	842952	67.77	ng	0.00

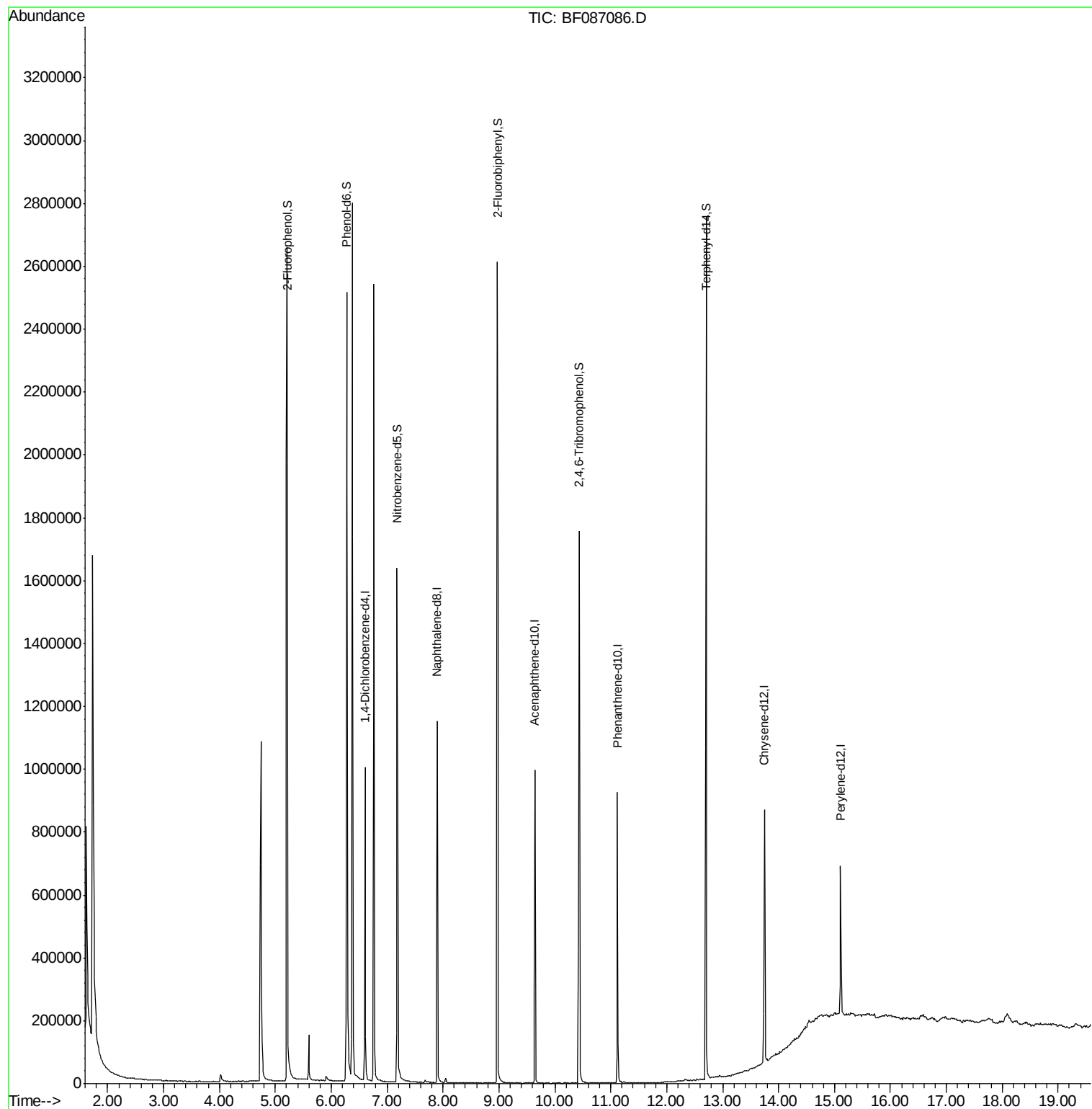
Target Compounds Qvalue

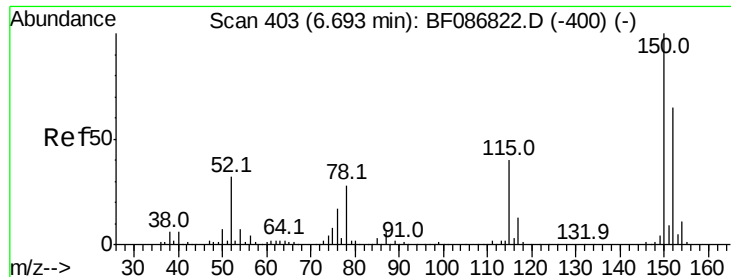
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF087086.D

Acq: 16 May 2016 17:30

Instrument :

BNA_F

ClientSampleId :

PB90651BL

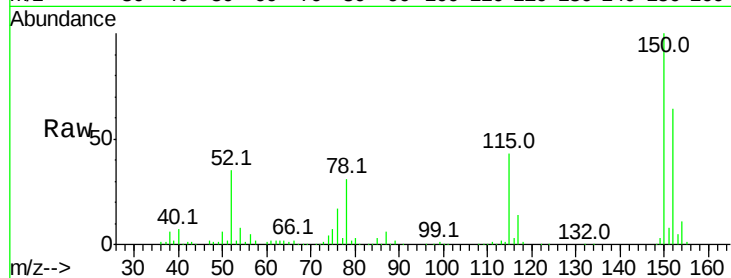
Tot Ion:152 Resp: 128620

Ion Ratio Lower Upper

152 100

150 157.3 125.8 188.6

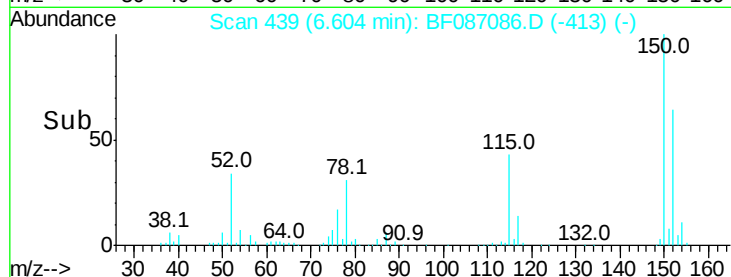
115 67.0 51.5 77.3



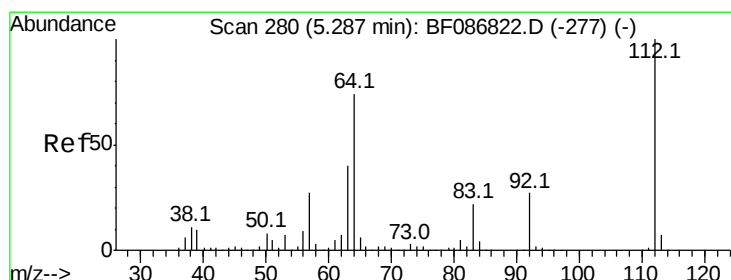
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 116.21 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF087086.D

Acq: 16 May 2016 17:30

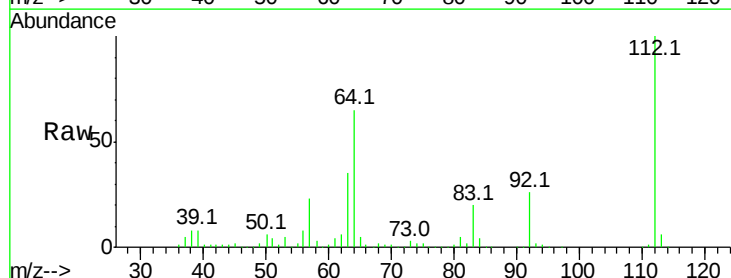
Tgt Ion:112 Resp: 882558

Ion Ratio Lower Upper

112 100

64 64.6 52.1 78.1

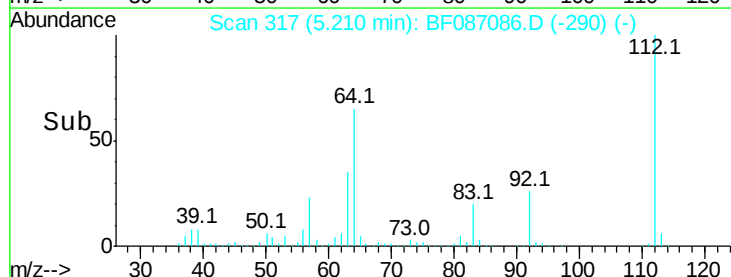
63 35.0 25.7 38.5



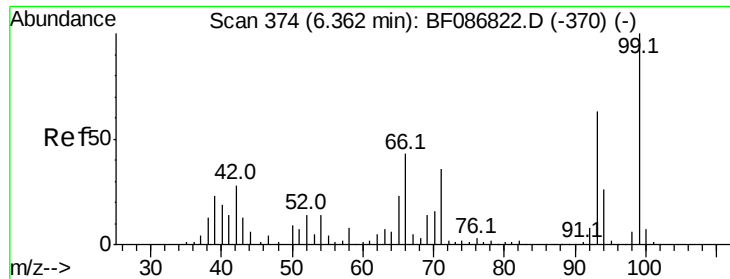
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#7

Phenol-d6

Concen: 106.28 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF087086.D

Acq: 16 May 2016 17:30

Instrument :

BNA_F

ClientSampleId :

PB90651BL

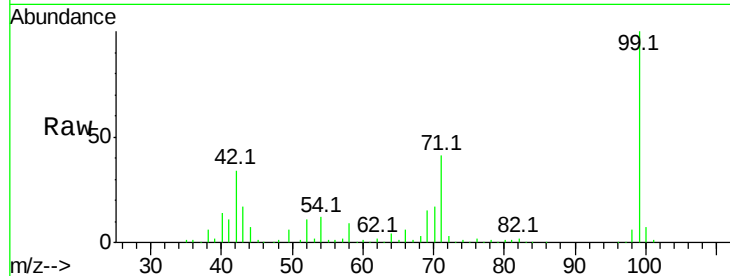
Tot Ion: 99 Resp: 1078752

Ion Ratio Lower Upper

99 100

42 33.6 13.6 20.4#

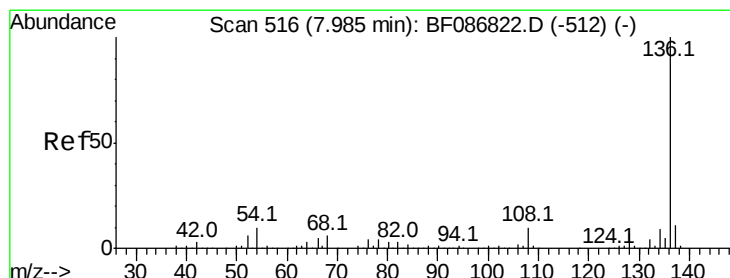
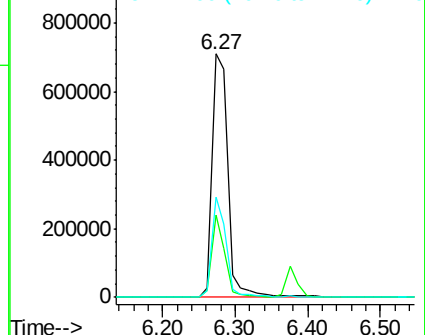
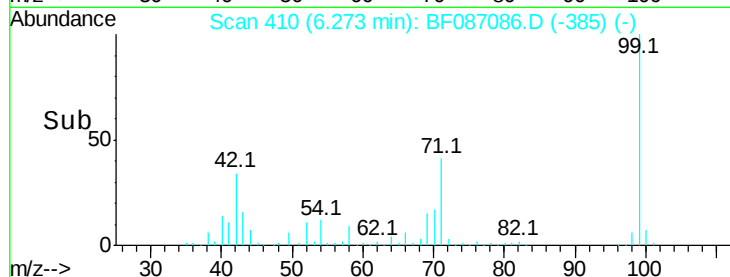
71 41.2 24.6 36.8#



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: 7.90 min Scan# 552

Delta R.T. -0.00 min

Lab File: BF087086.D

Acq: 16 May 2016 17:30

Tgt Ion: 136 Resp: 499044

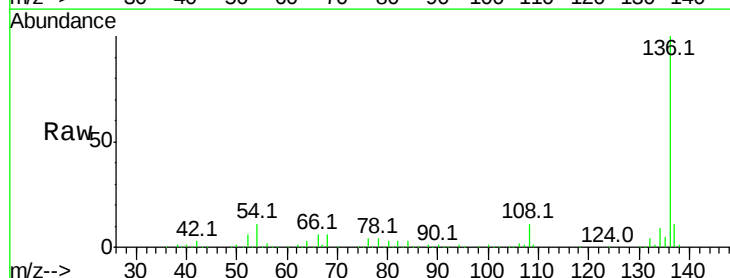
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 10.8 5.0 7.4#

68 5.8 4.4 6.6

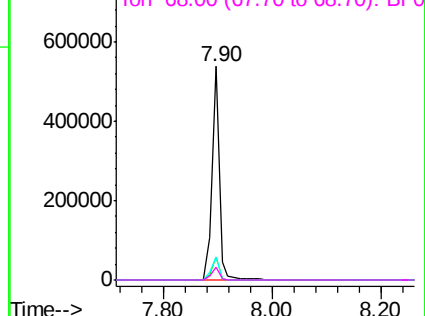
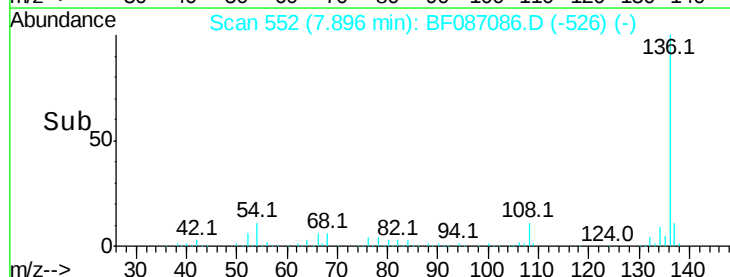


Abundance Ion 136.00 (135.70 to 136.70): E

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

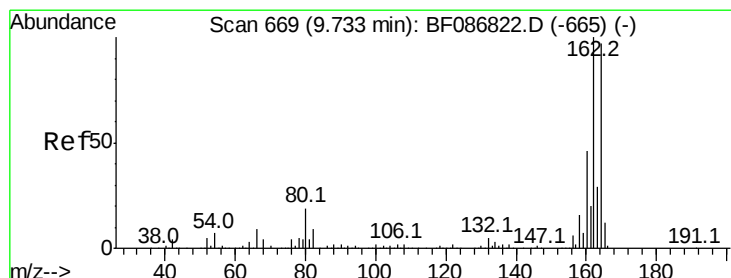
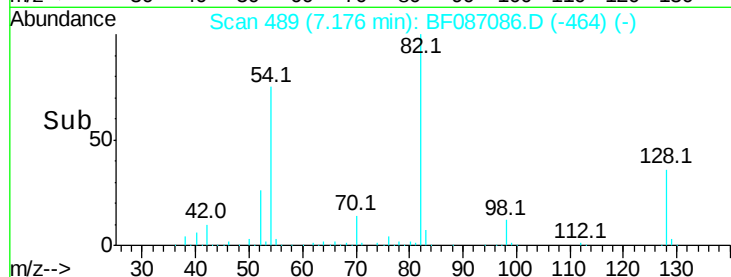
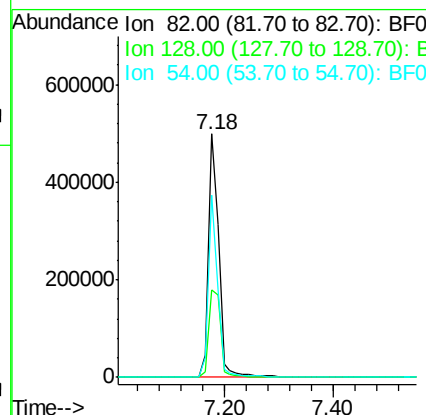
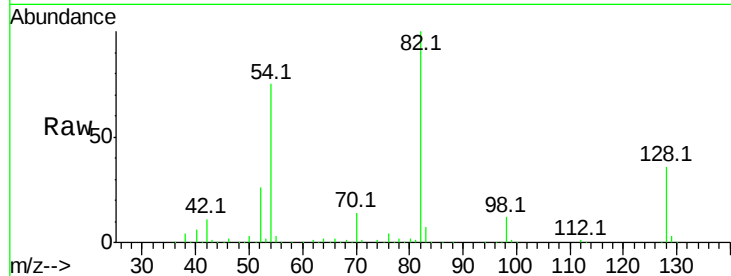




#23
 Nitrobenzene-d5
 Concen: 65.25 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.01 min
 Lab File: BF087086.D
 Acq: 16 May 2016 17:30

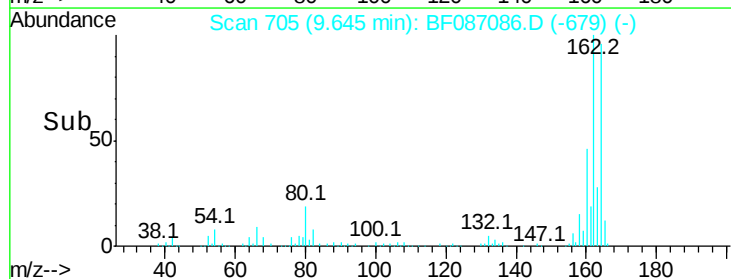
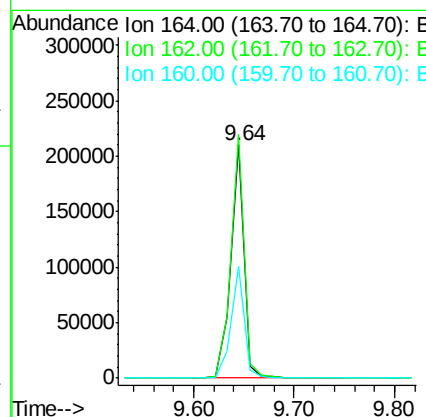
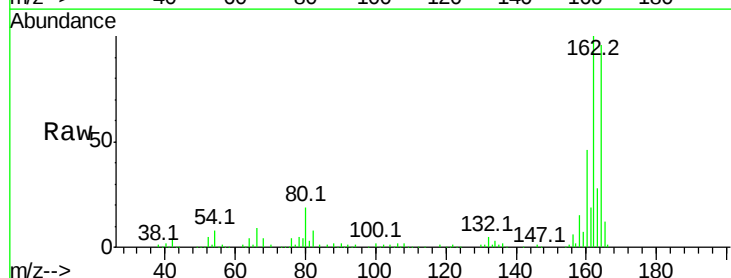
Instrument :
 BNA_F
 ClientSampleId :
 PB90651BL

Tot Ion: 82 Resp: 648498
 Ion Ratio Lower Upper
 82 100
 128 35.9 40.6 61.0#
 54 74.8 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.00 min
 Lab File: BF087086.D
 Acq: 16 May 2016 17:30

Tgt Ion: 164 Resp: 193088
 Ion Ratio Lower Upper
 164 100
 162 104.5 82.8 124.2
 160 47.9 36.9 55.3

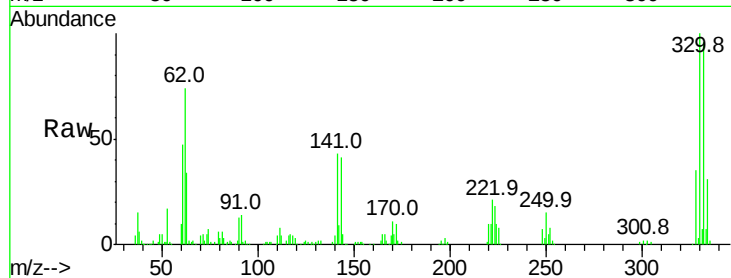




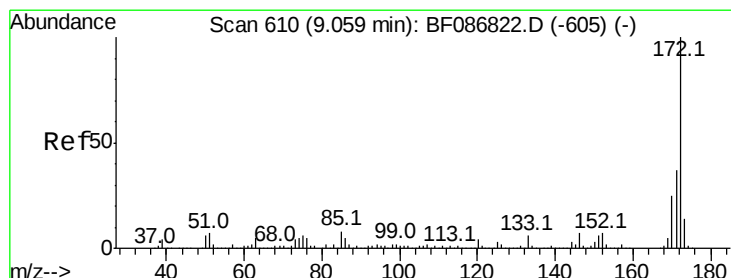
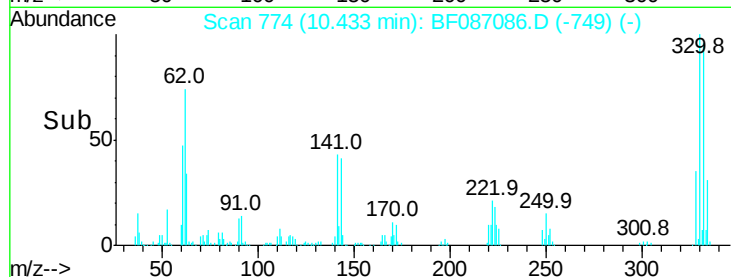
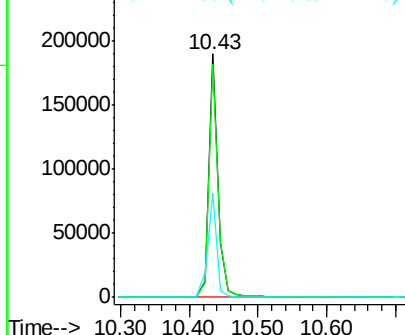
#41
 2,4,6-Tribromophenol
 Concen: 87.39 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF087086.D
 Acq: 16 May 2016 17:30

Instrument :
 BNA_F
 ClientSampleId :
 PB90651BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	79.0	118.4
141	42.5	31.2	46.8

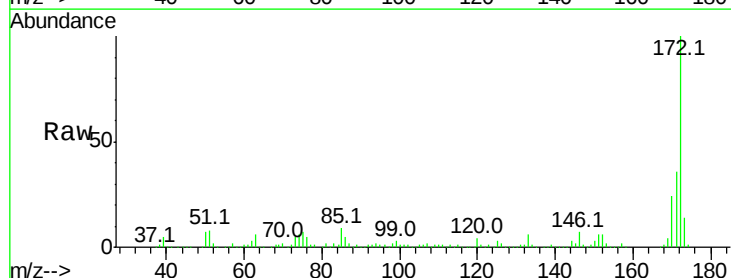


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

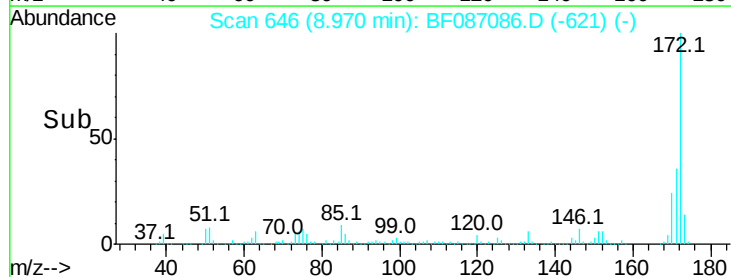
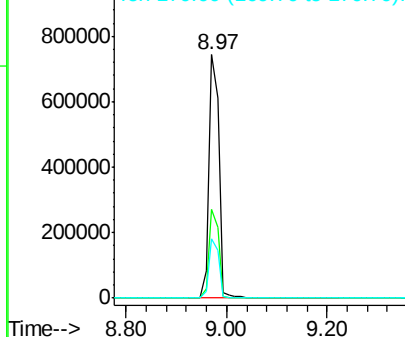


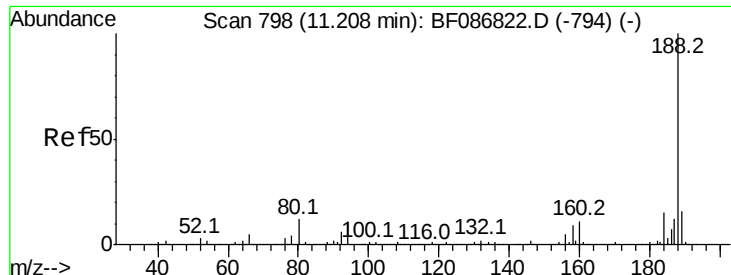
#44
 2-Fluorobiphenyl
 Concen: 89.24 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.01 min
 Lab File: BF087086.D
 Acq: 16 May 2016 17:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.3	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

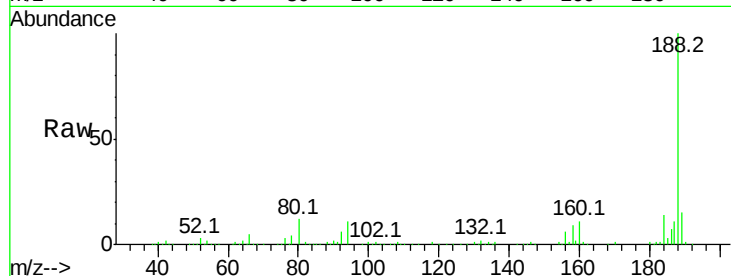




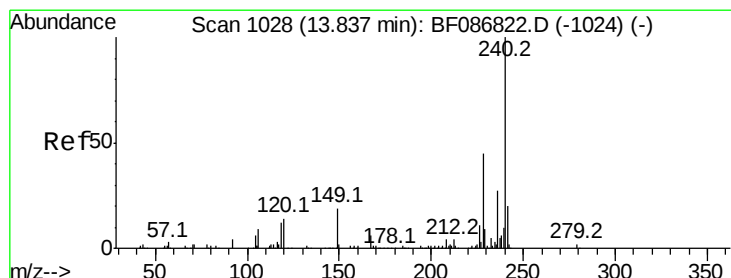
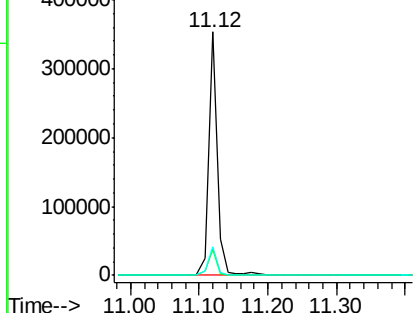
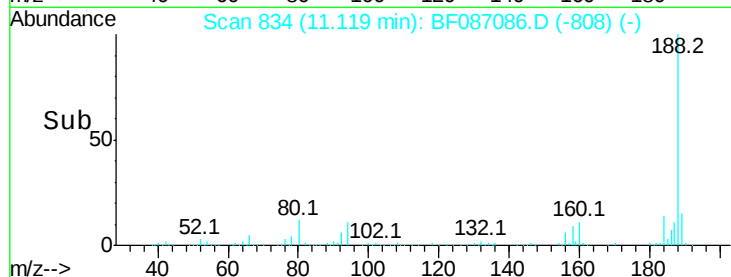
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF087086.D
Acq: 16 May 2016 17:30

Instrument :
BNA_F
ClientSampleId :
PB90651BL

Tot Ion:188 Resp: 309545
Ion Ratio Lower Upper
188 100
94 10.7 6.8 10.2#
80 11.8 7.1 10.7#

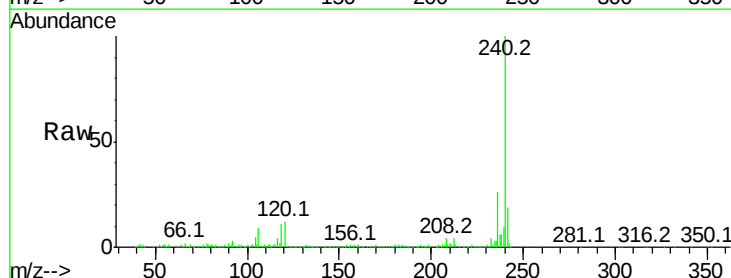


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

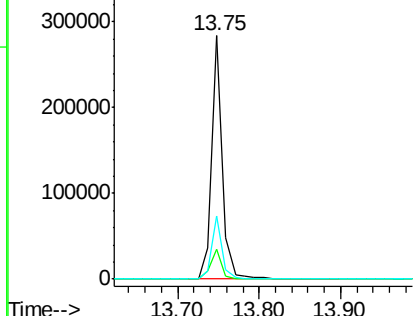
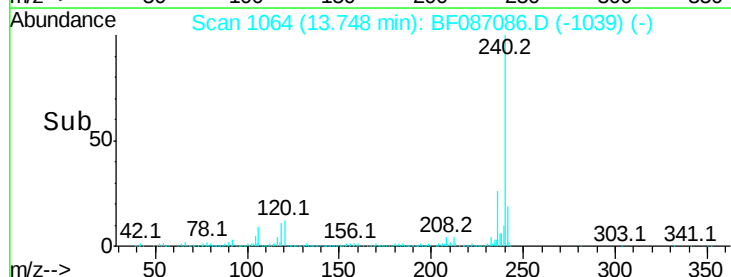


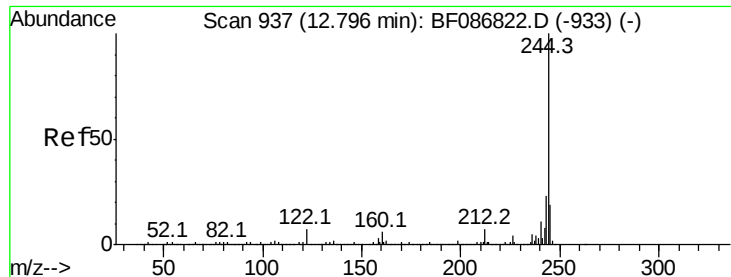
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF087086.D
Acq: 16 May 2016 17:30

Tgt Ion:240 Resp: 263911
Ion Ratio Lower Upper
240 100
120 12.2 11.2 16.8
236 25.8 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: 67.77 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.00 min

Lab File: BF087086.D

Acq: 16 May 2016 17:30

Instrument :

BNA_F

ClientSampleId :

PB90651BL

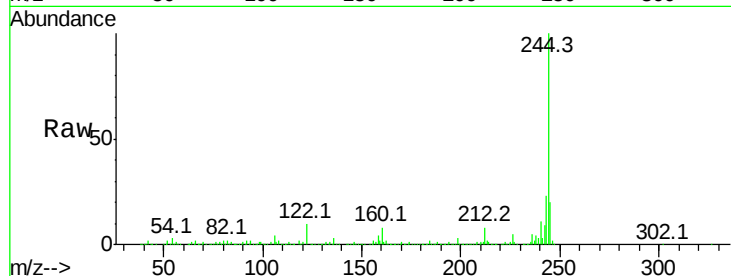
Tot Ion:244 Resp: 842952

Ion Ratio Lower Upper

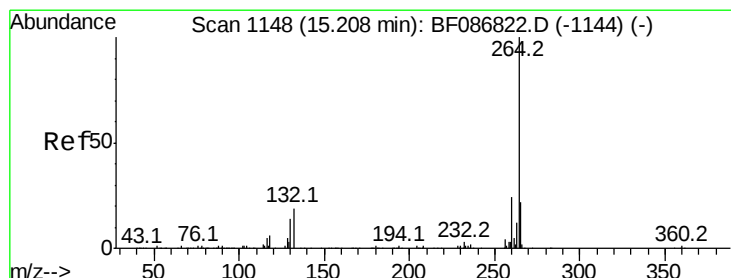
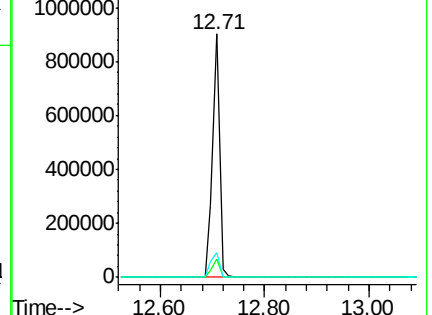
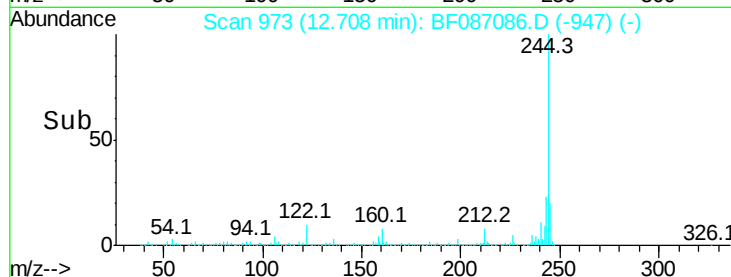
244 100

212 7.6 6.2 9.2

122 10.4 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: 15.11 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF087086.D

Acq: 16 May 2016 17:30

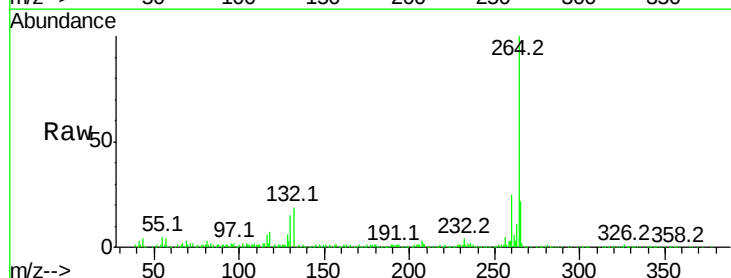
Tgt Ion:264 Resp: 203434

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 22.3 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

