

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
 Data File : BF086987.D
 Acq On : 13 May 2016 23:19
 Operator : UM/SJ
 Sample : H2877-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-34

Quant Time: May 14 01:41:48 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 23:02:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	161717	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	646758	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	323230	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	590926	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	521618	20.00	ng	-0.01
86) Perylene-d12	15.11	264	393233	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	607786	63.65	ng	0.00
7) Phenol-d6	6.27	99	485824	38.07	ng	-0.01
23) Nitrobenzene-d5	7.19	82	1199040	93.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	508152	148.50	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1800415	93.61	ng	0.00
78) Terphenyl-d14	12.72	244	1871977	76.14	ng	0.00

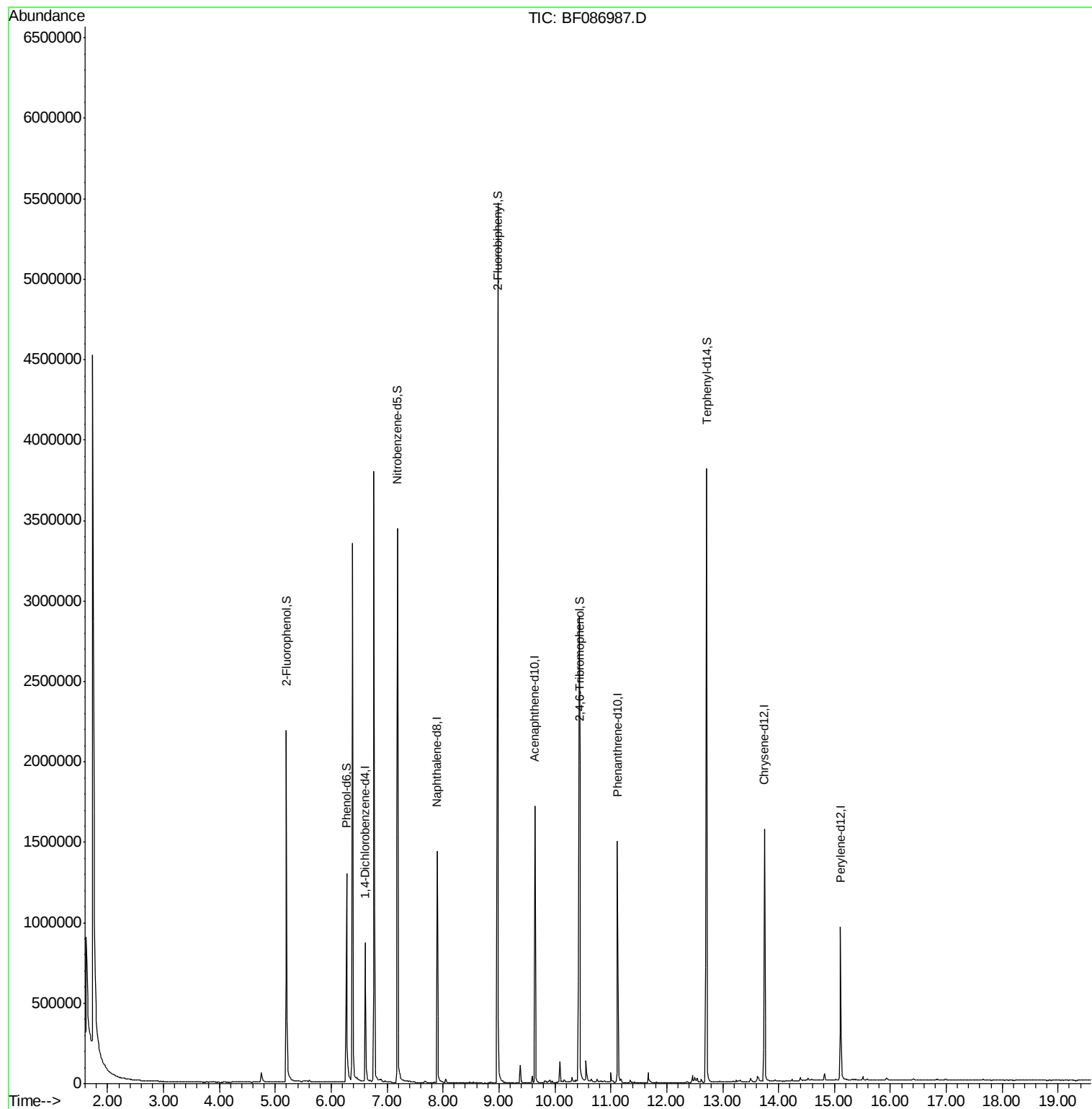
Target Compounds Qvalue

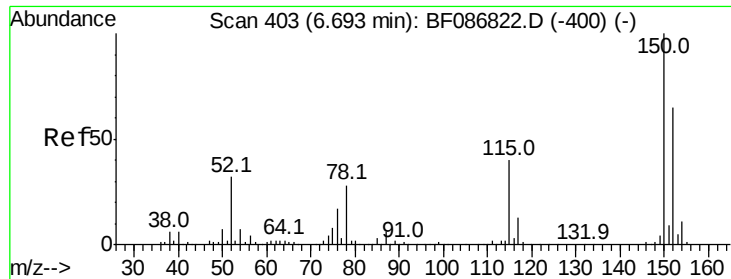
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF086987.D

Acq: 13 May 2016 23:19

Instrument :

BNA_F

ClientSampleId :

MW-34

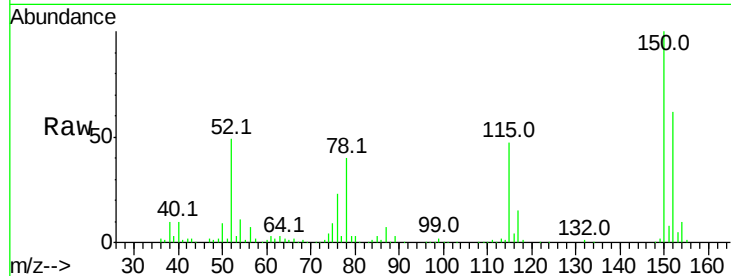
Tot Ion:152 Resp: 161717

Ion Ratio Lower Upper

152 100

150 160.6 125.8 188.6

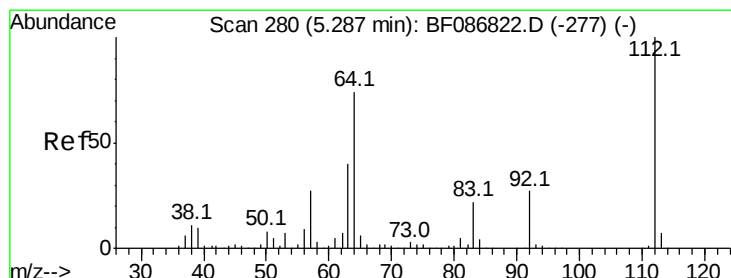
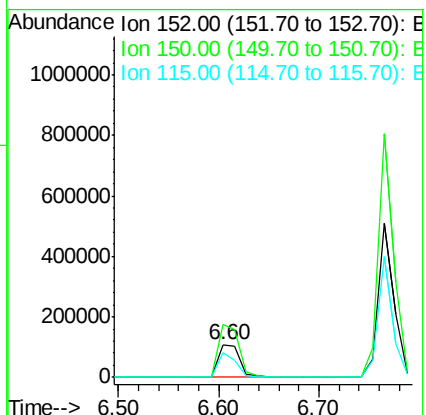
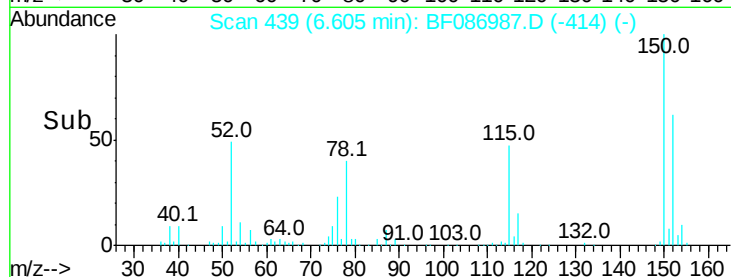
115 76.2 51.5 77.3



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: 63.65 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.00 min

Lab File: BF086987.D

Acq: 13 May 2016 23:19

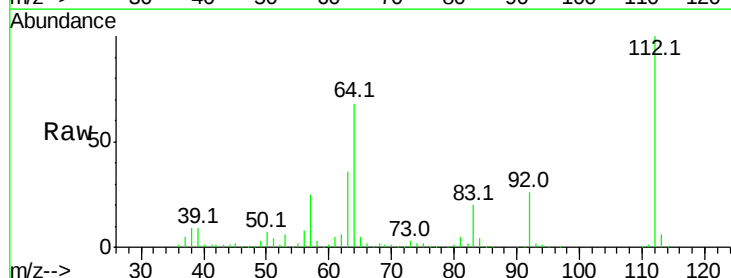
Tgt Ion:112 Resp: 607786

Ion Ratio Lower Upper

112 100

64 67.8 52.1 78.1

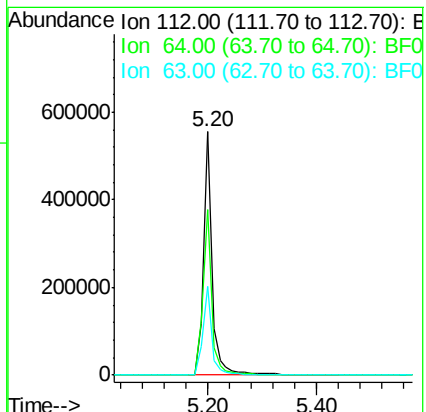
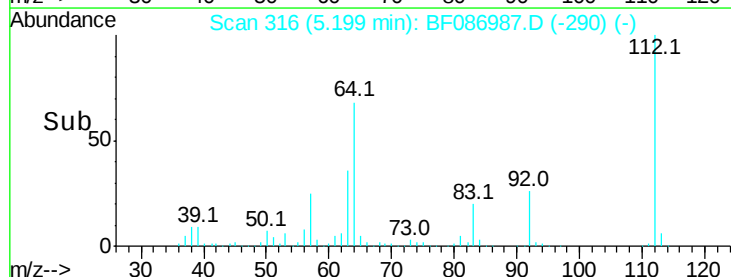
63 36.3 25.7 38.5

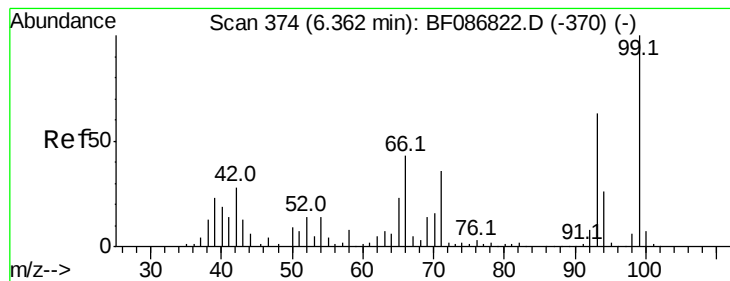


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.07 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF086987.D

Acq: 13 May 2016 23:19

Instrument :

BNA_F

ClientSampled :

MW-34

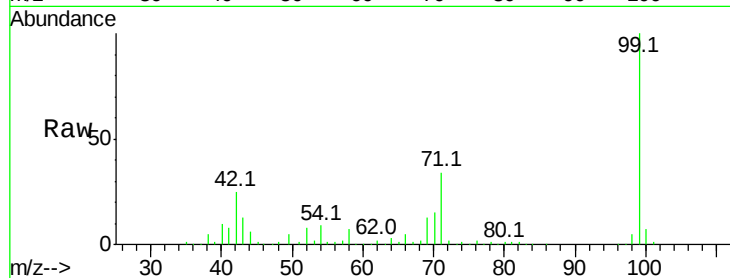
Tot Ion: 99 Resp: 485824

Ion Ratio Lower Upper

99 100

42 24.7 13.6 20.4#

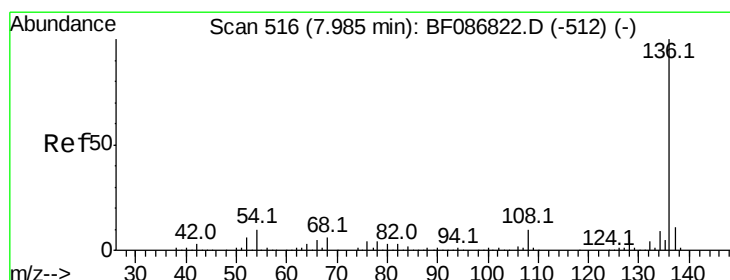
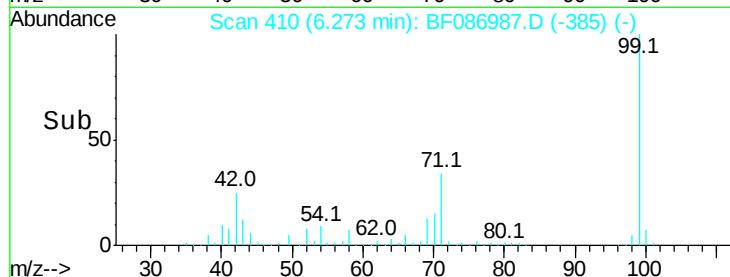
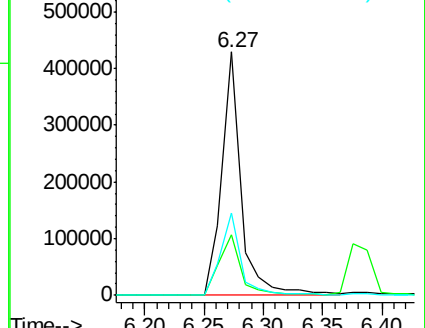
71 34.0 24.6 36.8



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. -0.01 min

Lab File: BF086987.D

Acq: 13 May 2016 23:19

Tgt Ion: 136 Resp: 646758

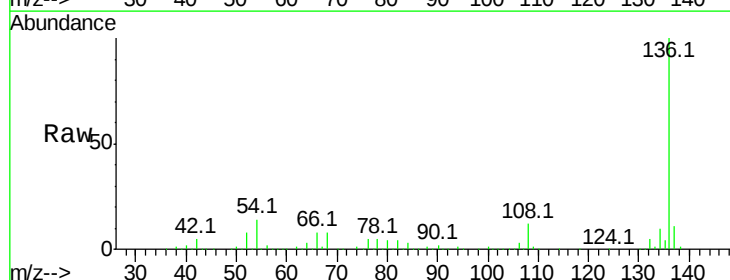
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 14.5 5.0 7.4#

68 7.7 4.4 6.6#

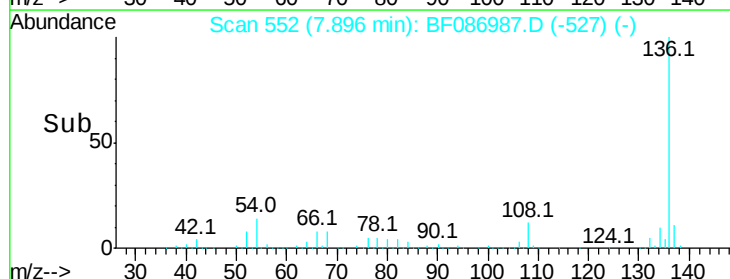
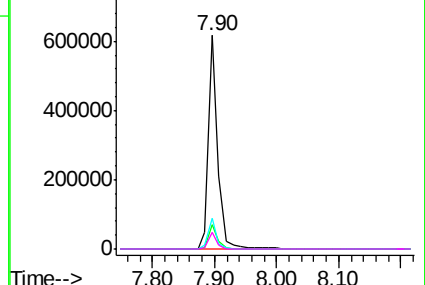


Abundance Ion 136.00 (135.70 to 136.70): E

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

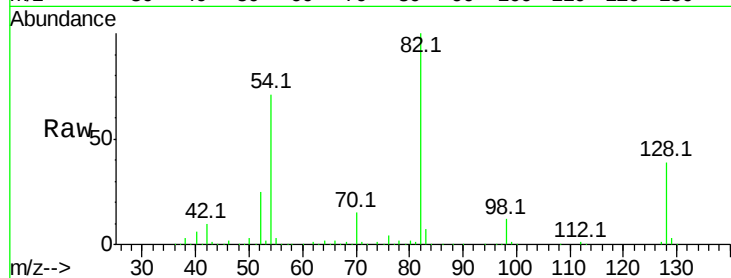




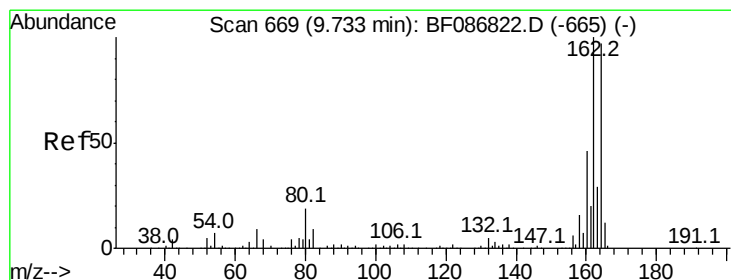
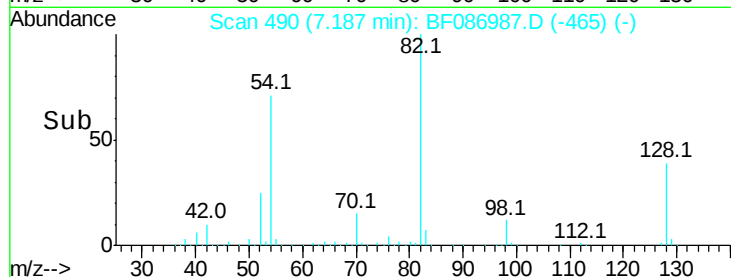
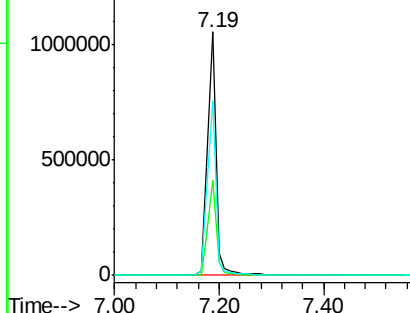
#23
 Nitrobenzene-d5
 Concen: 93.09 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF086987.D
 Acq: 13 May 2016 23:19

Instrument :
 BNA_F
 ClientSampleId :
 MW-34

Tot Ion: 82 Resp: 1199040
 Ion Ratio Lower Upper
 82 100
 128 39.2 40.6 61.0#
 54 71.5 38.1 57.1#

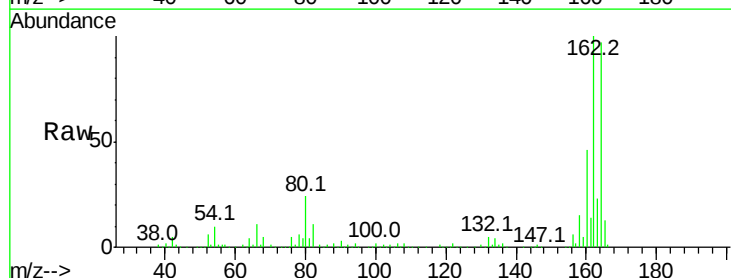


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

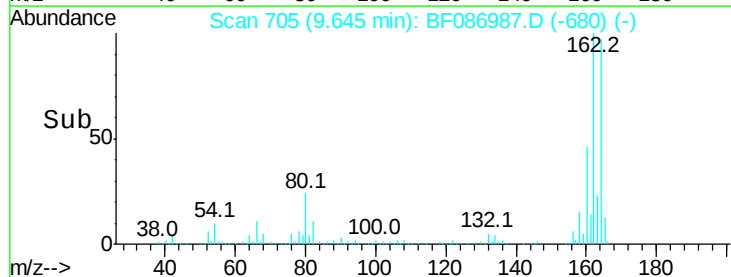
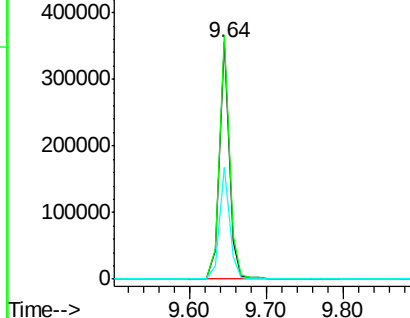


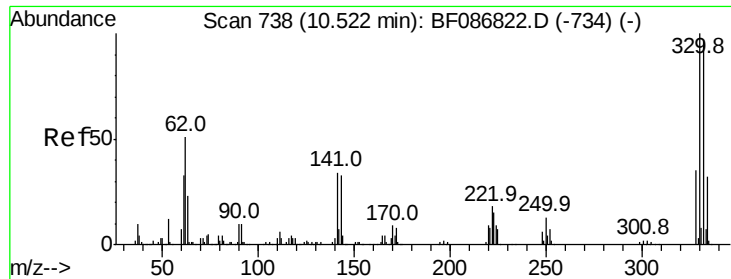
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF086987.D
 Acq: 13 May 2016 23:19

Tgt Ion:164 Resp: 323230
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.8 124.2
 160 47.0 36.9 55.3



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

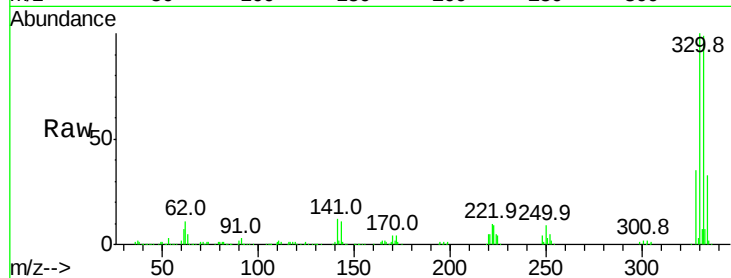




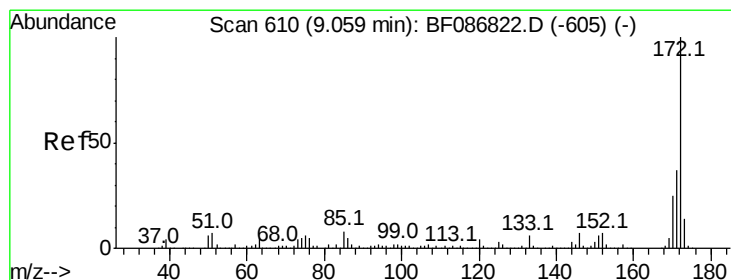
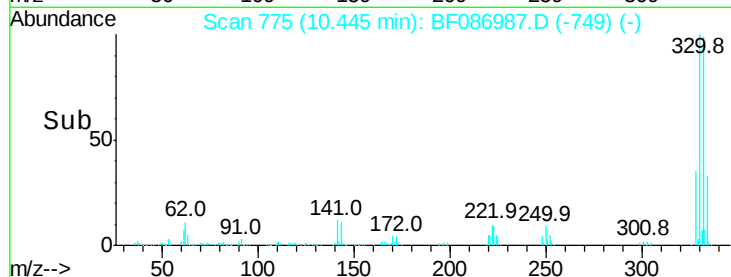
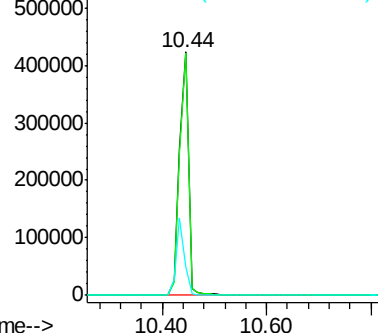
#41
 2,4,6-Tribromophenol
 Concen: 148.50 ng
 RT: 10.44 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF086987.D
 Acq: 13 May 2016 23:19

Instrument :
 BNA_F
 ClientSampled :
 MW-34

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	79.0	118.4
141	30.0	31.2	46.8#

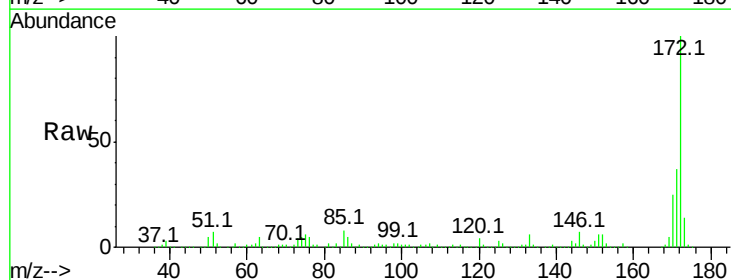


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

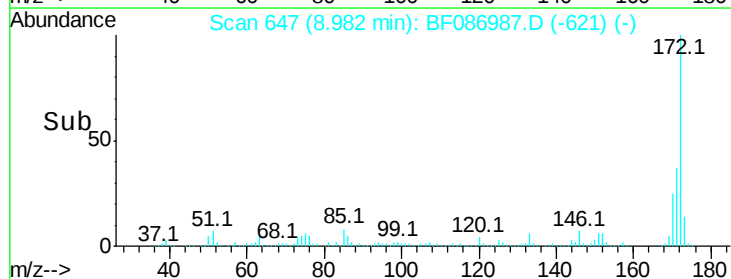
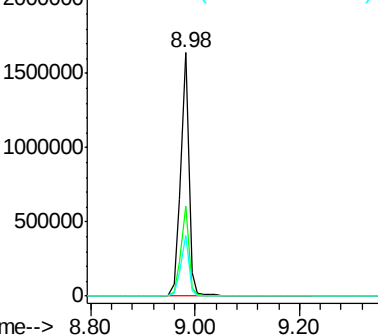


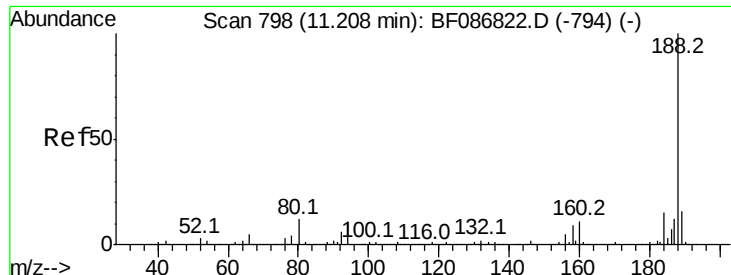
#44
 2-Fluorobiphenyl
 Concen: 93.61 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF086987.D
 Acq: 13 May 2016 23:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.6
170	24.9	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

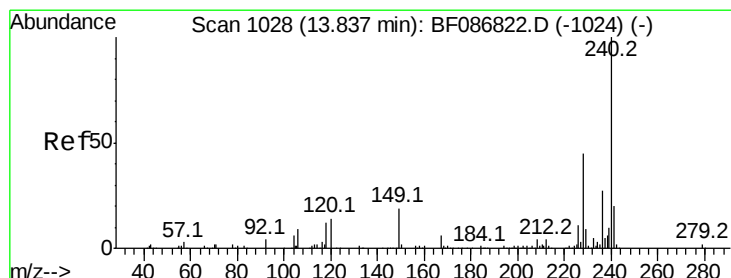
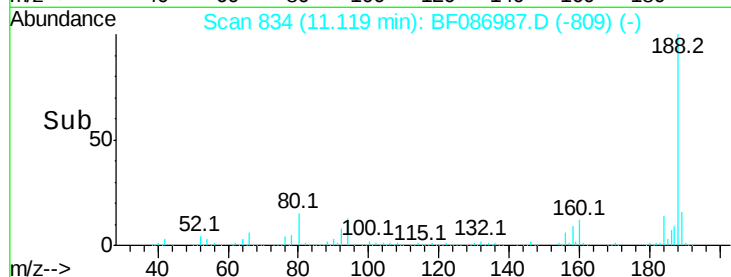
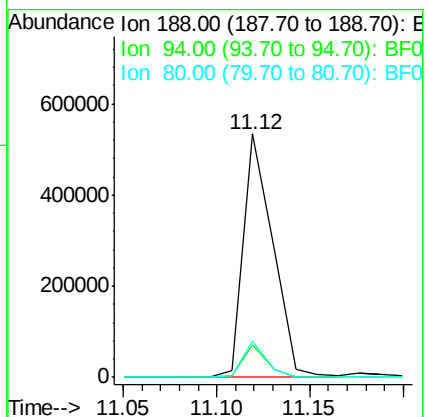
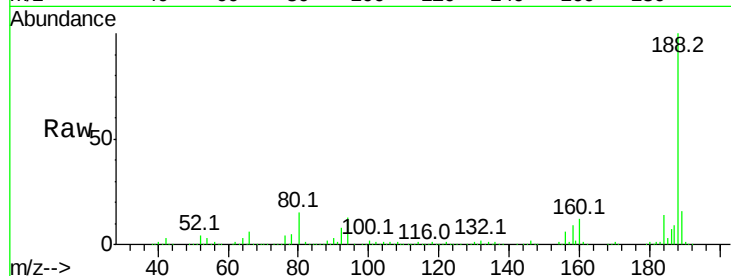




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF086987.D
Acq: 13 May 2016 23:19

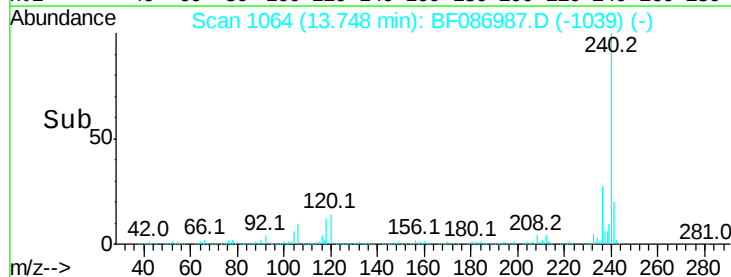
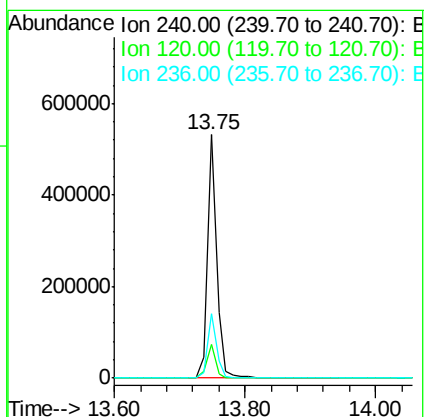
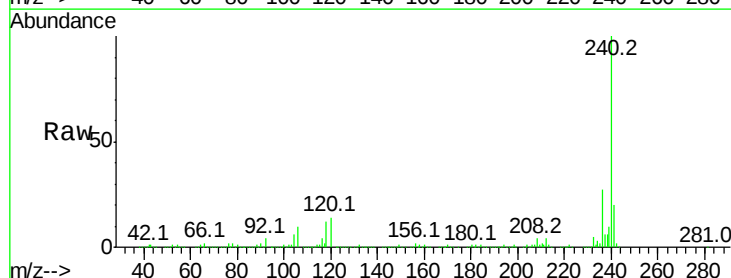
Instrument :
BNA_F
ClientSampleId :
MW-34

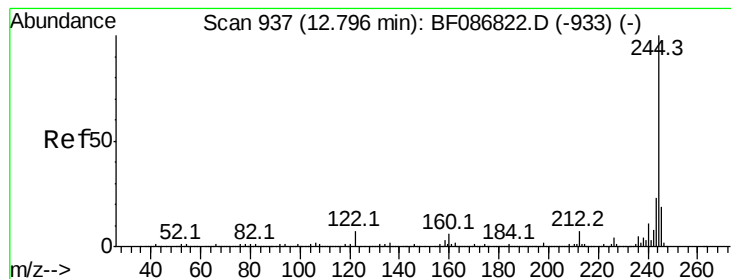
Tot Ion:188 Resp: 590926
Ion Ratio Lower Upper
188 100
94 13.2 6.8 10.2#
80 15.1 7.1 10.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF086987.D
Acq: 13 May 2016 23:19

Tgt Ion:240 Resp: 521618
Ion Ratio Lower Upper
240 100
120 13.9 11.2 16.8
236 26.6 21.2 31.8





#78

Terphenyl-d14

Concen: 76.14 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF086987.D

Acq: 13 May 2016 23:19

Instrument :

BNA_F

ClientSampleId :

MW-34

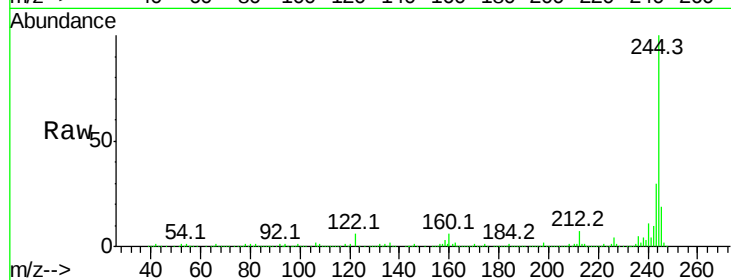
Tot Ion:244 Resp: 1871977

Ion Ratio Lower Upper

244 100

212 6.8 6.2 9.2

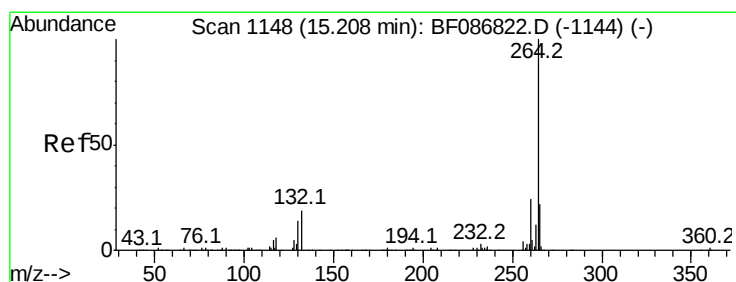
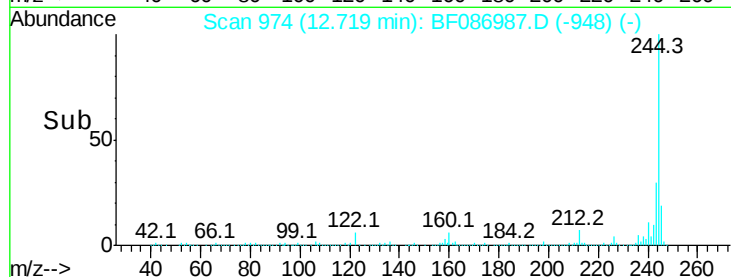
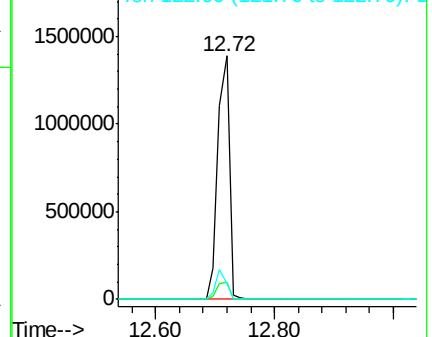
122 6.3 12.0 18.0#



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. -0.01 min

Lab File: BF086987.D

Acq: 13 May 2016 23:19

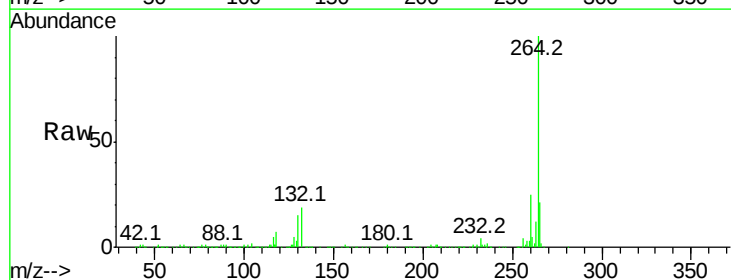
Tgt Ion:264 Resp: 393233

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 21.4 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

