

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
 Data File : BF086255.D
 Acq On : 16 Apr 2016 10:15
 Operator : UM/SJ
 Sample : H2537-08
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B9GW

Quant Time: Apr 18 04:57:03 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	287319	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1222757	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	517876	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	942385	20.00	ng	0.00
75) Chrysene-d12	14.04	240	573169	20.00	ng	-0.01
86) Perylene-d12	15.48	264	481586	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1390088	79.27	ng	0.01
7) Phenol-d6	6.51	99	1000402	45.61	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1844296	87.00	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	529541	127.34	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	2695778	96.06	ng	-0.01
78) Terphenyl-d14	13.00	244	1773803	77.82	ng	0.00

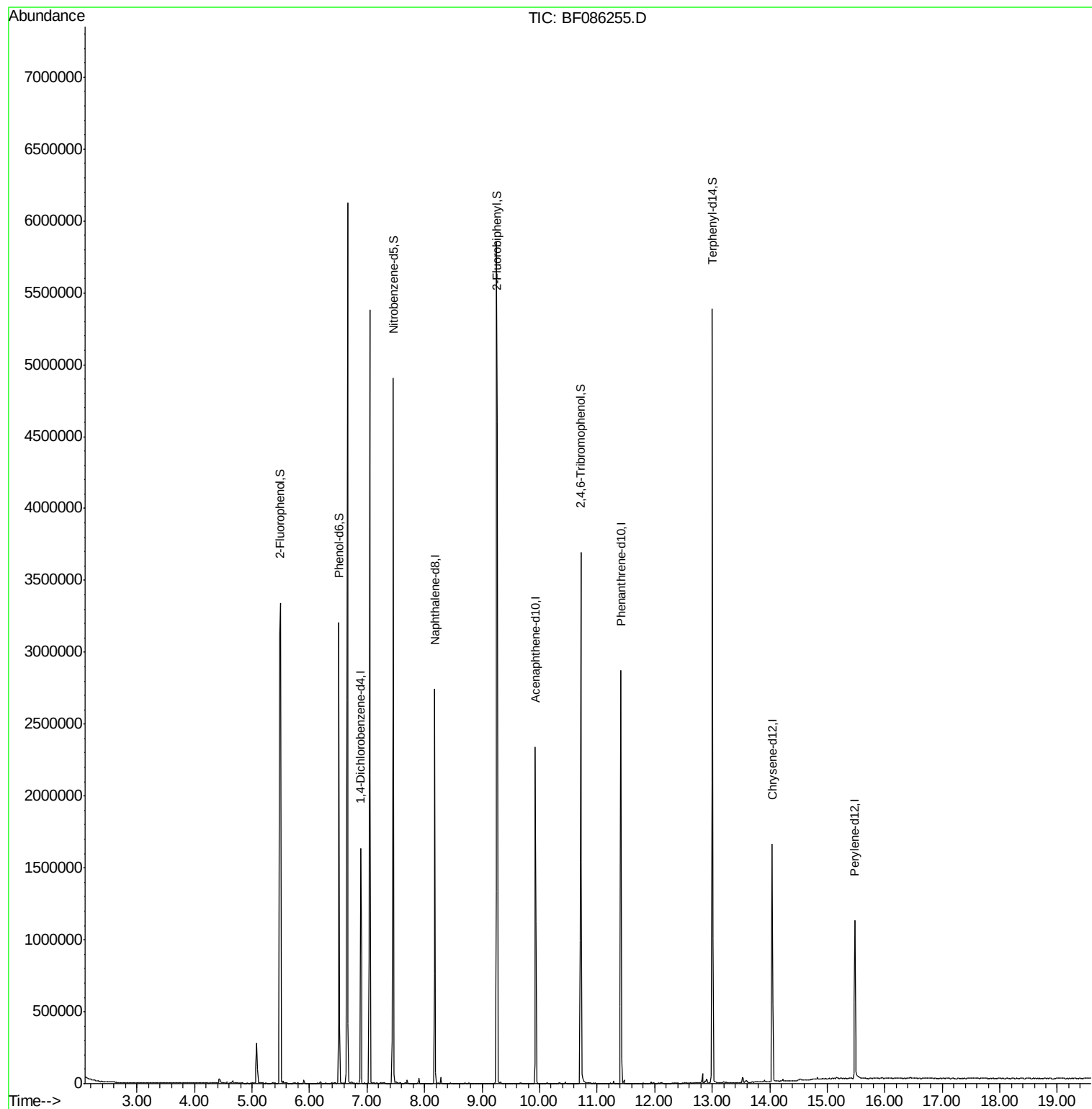
Target Compounds Qvalue

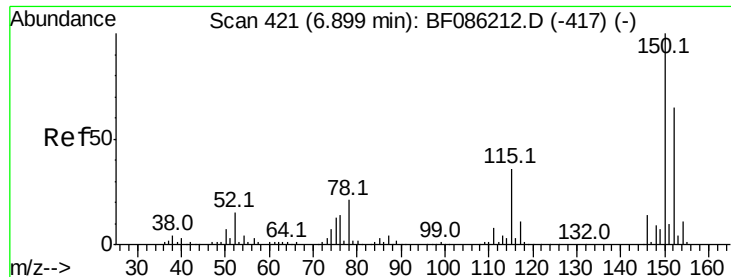
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF086255.D

Acq: 16 Apr 2016 10:15

Instrument :

BNA_F

ClientSampleId :

B9GW

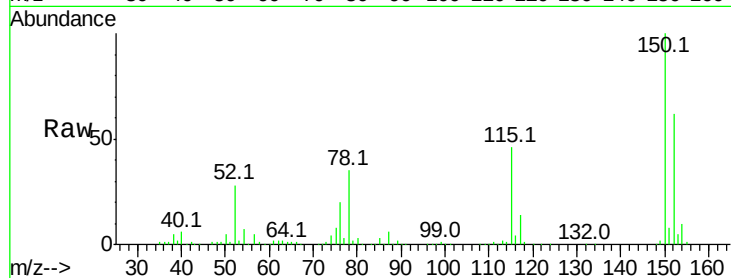
Tot Ion:152 Resp: 287319

Ion Ratio Lower Upper

152 100

150 161.4 124.1 186.1

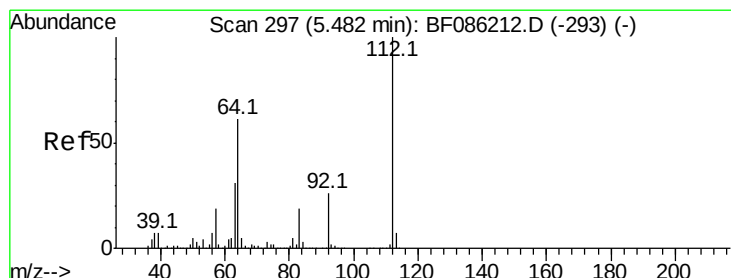
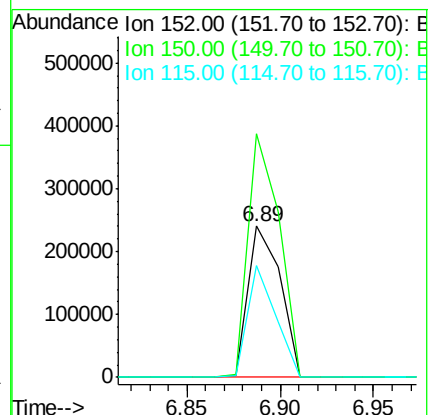
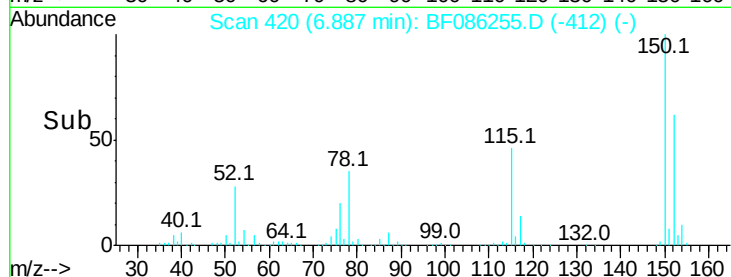
115 73.8 43.9 65.9#



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: 79.27 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF086255.D

Acq: 16 Apr 2016 10:15

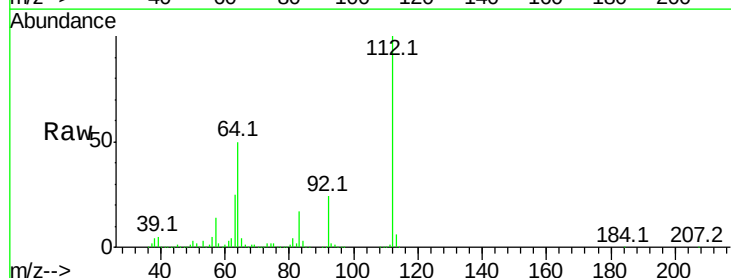
Tgt Ion:112 Resp: 1390088

Ion Ratio Lower Upper

112 100

64 49.6 48.1 72.1

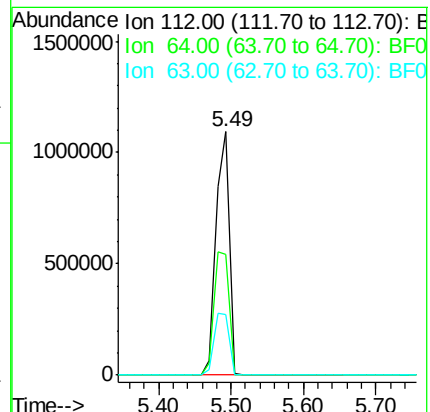
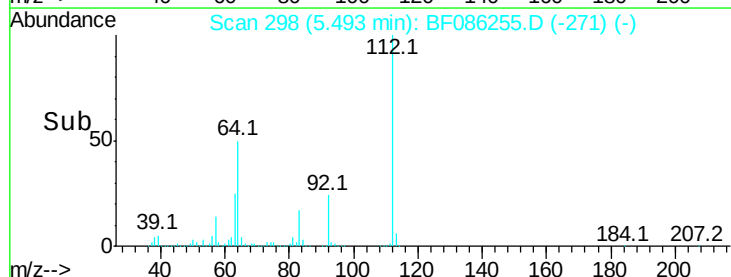
63 25.0 25.5 38.3#

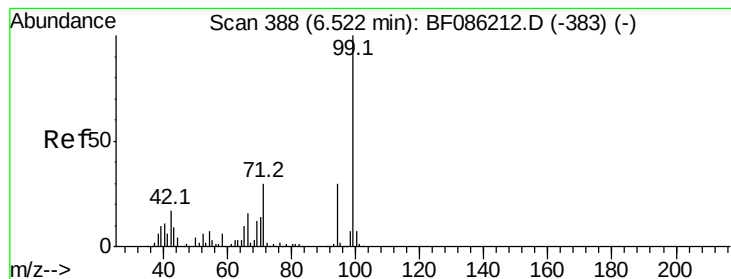


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 45.61 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF086255.D

Acq: 16 Apr 2016 10:15

Instrument :

BNA_F

ClientSampleId :

B9GW

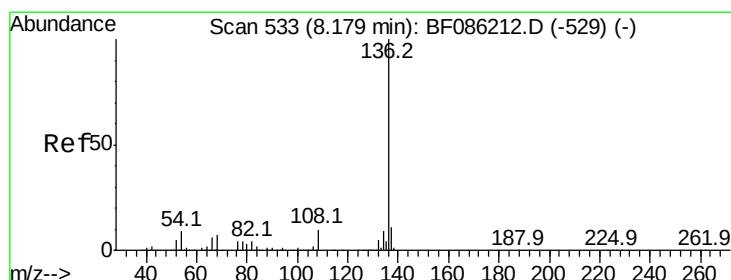
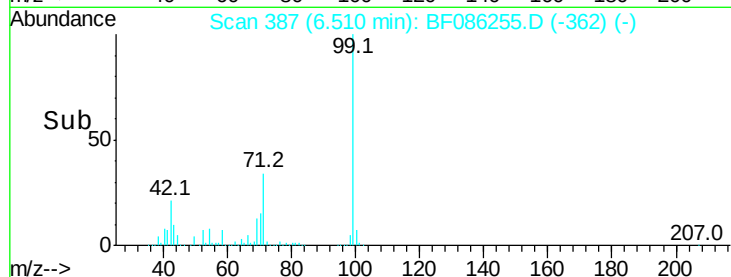
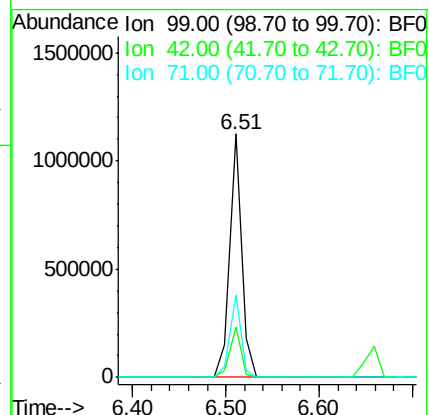
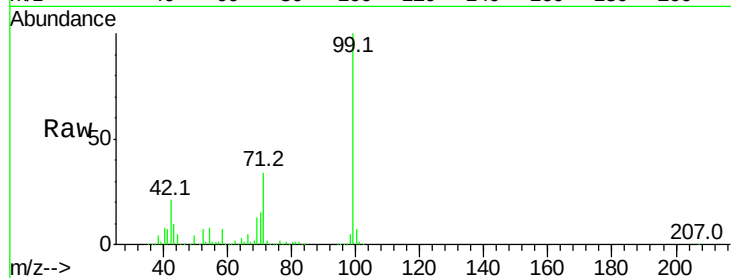
Tot Ion: 99 Resp: 1000402

Ion Ratio Lower Upper

99 100

42 20.7 15.4 23.2

71 33.8 25.6 38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF086255.D

Acq: 16 Apr 2016 10:15

Tgt Ion: 136 Resp: 1222757

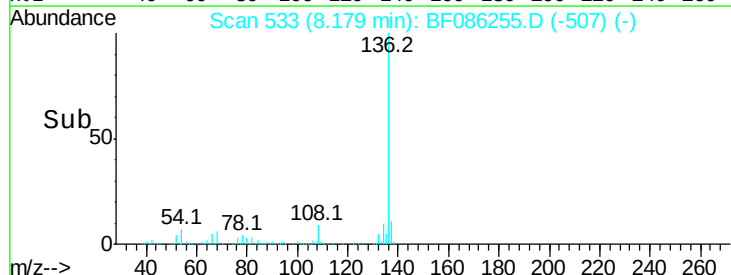
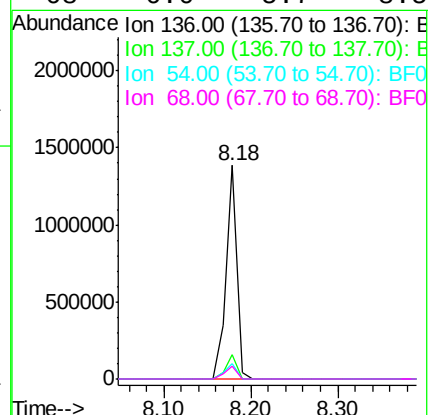
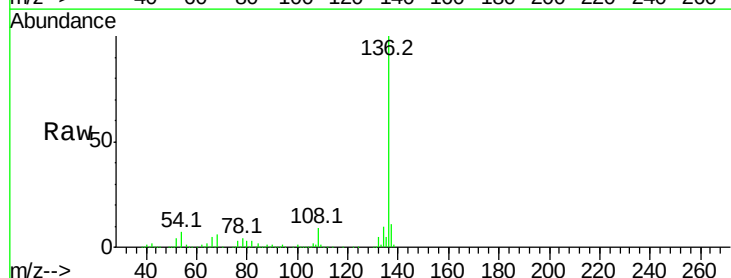
Ion Ratio Lower Upper

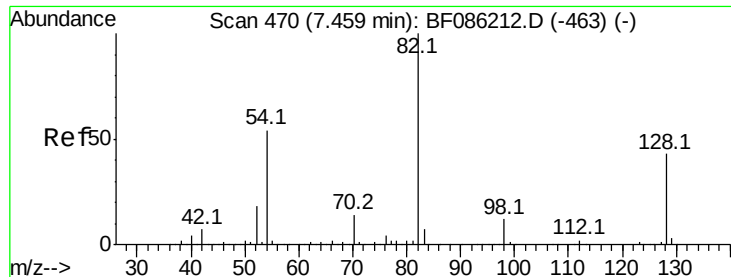
136 100

137 11.1 9.1 13.7

54 7.1 7.3 10.9#

68 6.0 5.7 8.5





#23

Nitrobenzene-d5

Concen: 87.00 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF086255.D

Acq: 16 Apr 2016 10:15

Instrument :

BNA_F

ClientSampleId :

B9GW

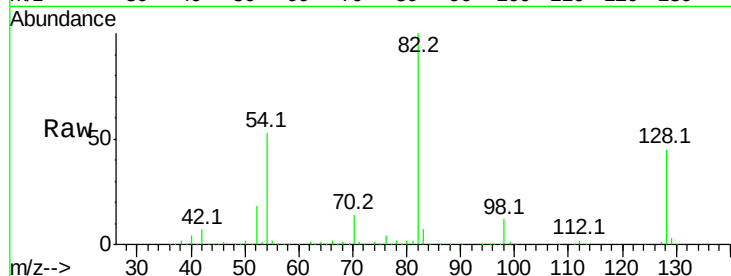
Tot Ion: 82 Resp: 1844296

Ion Ratio Lower Upper

82 100

128 45.3 35.4 53.2

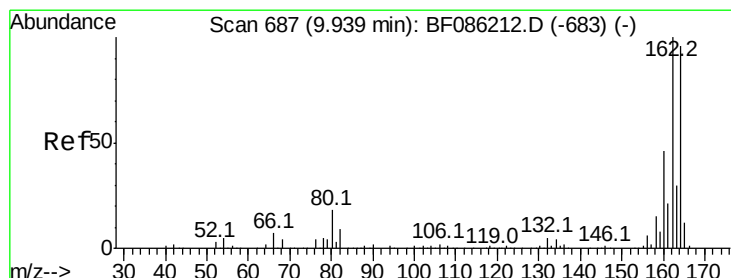
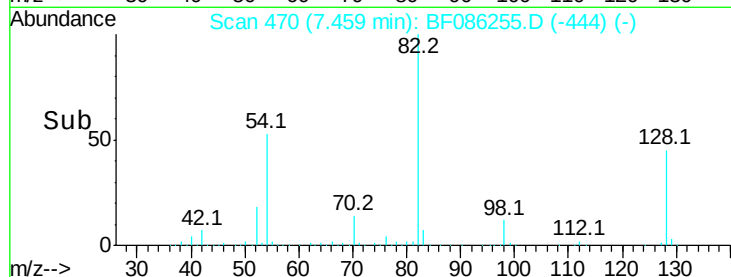
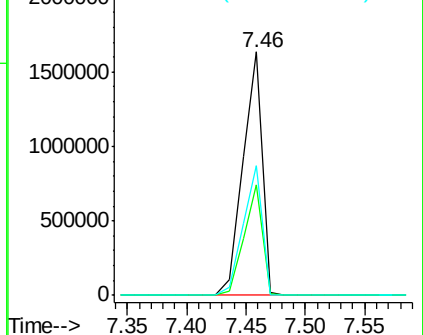
54 53.2 43.4 65.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF086255.D

Acq: 16 Apr 2016 10:15

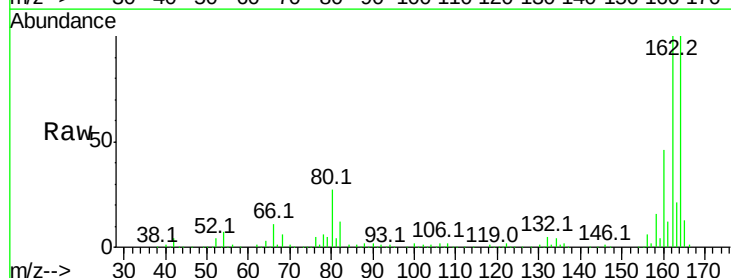
Tgt Ion:164 Resp: 517876

Ion Ratio Lower Upper

164 100

162 99.7 82.8 124.2

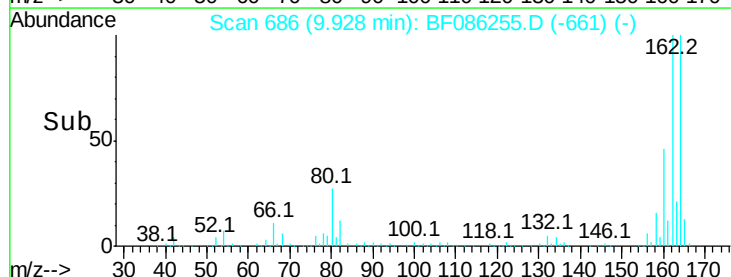
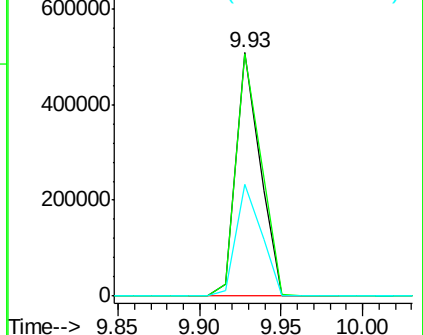
160 45.9 38.9 58.3

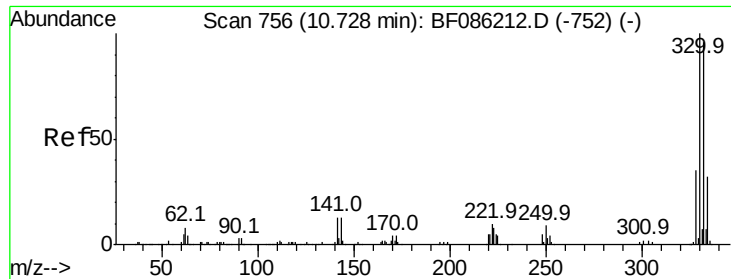


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

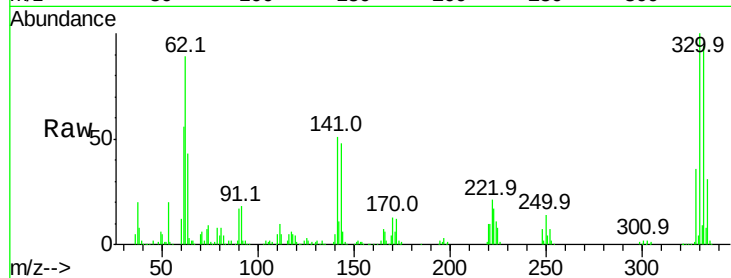




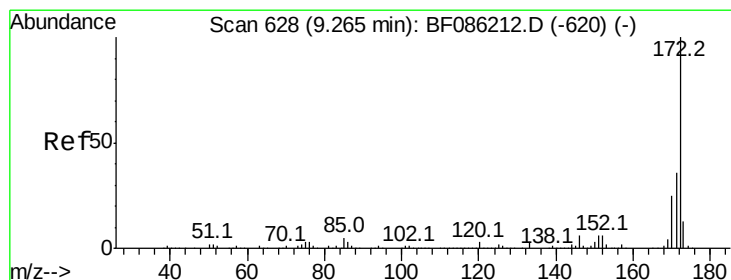
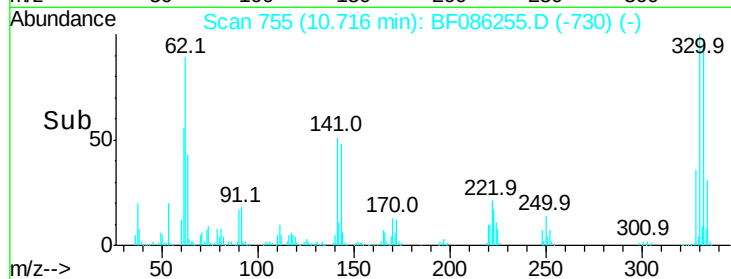
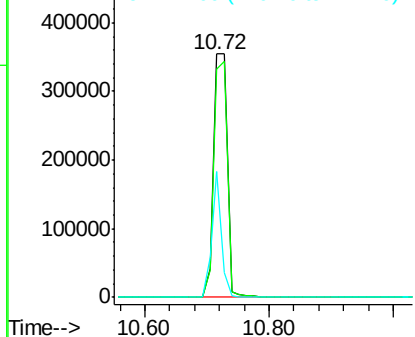
#41
 2,4,6-Tribromophenol
 Concen: 127.34 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BF086255.D
 Acq: 16 Apr 2016 10:15

Instrument :
 BNA_F
 ClientSampleId :
 B9GW

Tot Ion:330 Resp: 529541
 Ion Ratio Lower Upper
 330 100
 332 95.7 78.7 118.1
 141 37.0 28.6 42.8

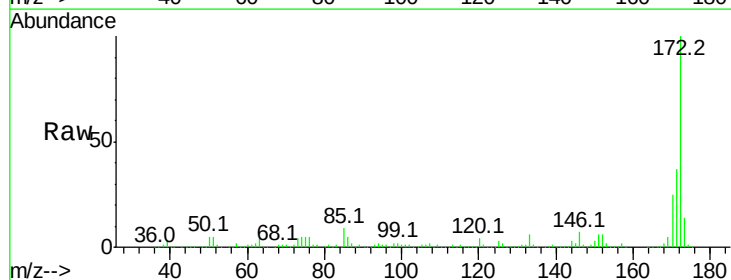


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

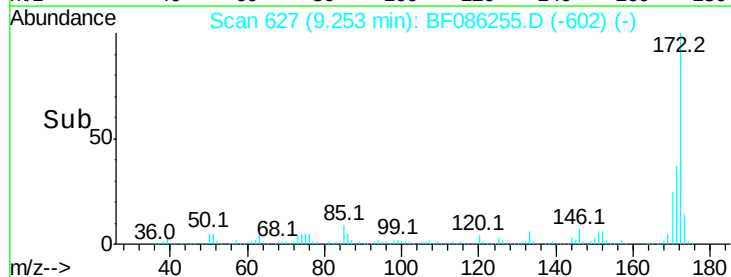
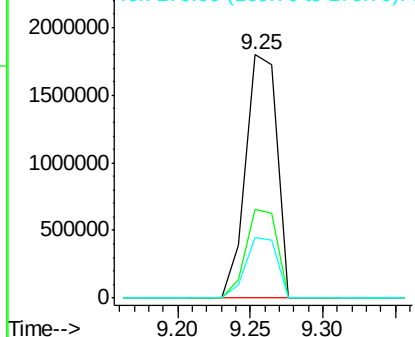


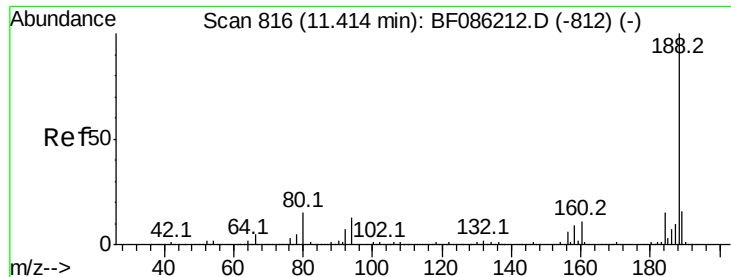
#44
 2-Fluorobiphenyl
 Concen: 96.06 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086255.D
 Acq: 16 Apr 2016 10:15

Tgt Ion:172 Resp: 2695778
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.1 43.7
 170 24.8 19.9 29.9



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

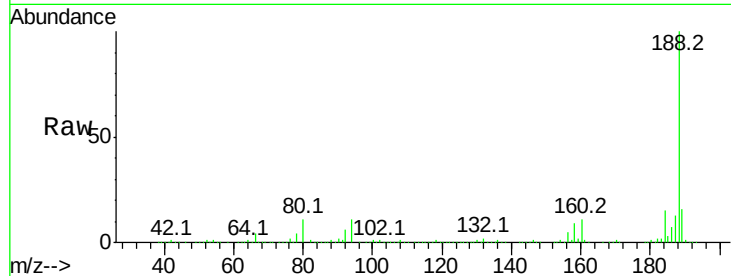




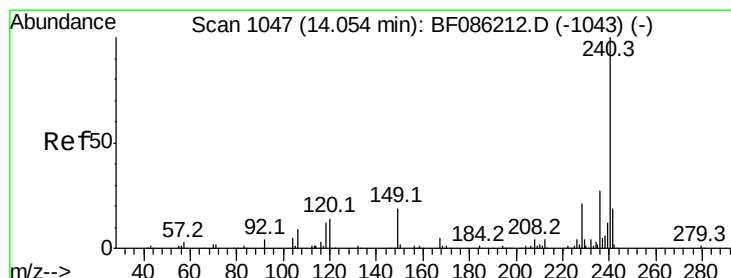
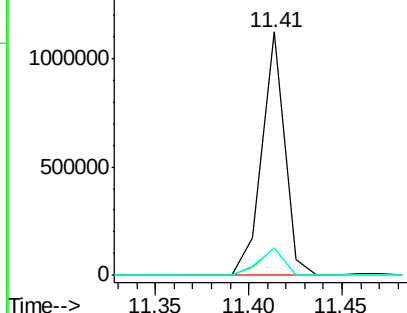
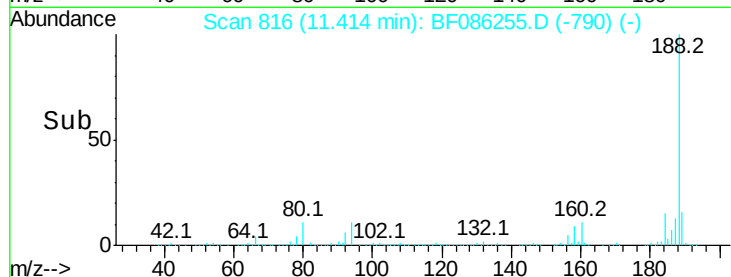
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF086255.D
Acq: 16 Apr 2016 10:15

Instrument :
BNA_F
ClientSampleId :
B9GW

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.8	14.8
80	11.4	10.5	15.7

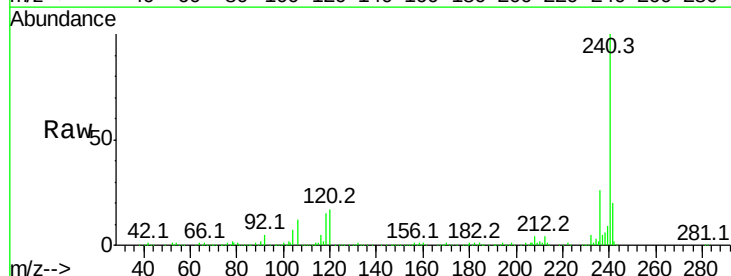


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

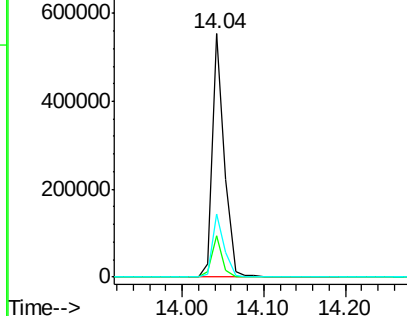
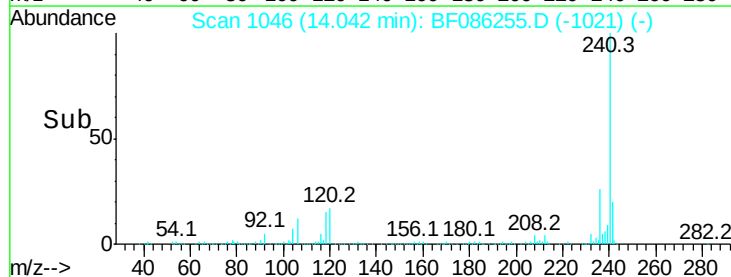


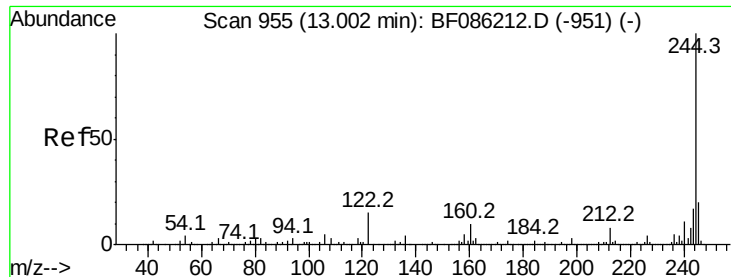
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF086255.D
Acq: 16 Apr 2016 10:15

Tgt Ion	Ratio	Lower	Upper
240	100		
120	17.2	9.3	13.9#
236	26.0	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

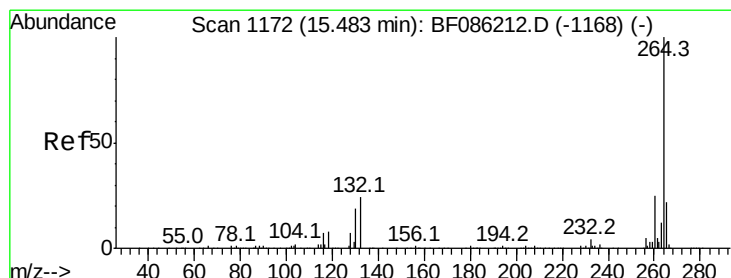
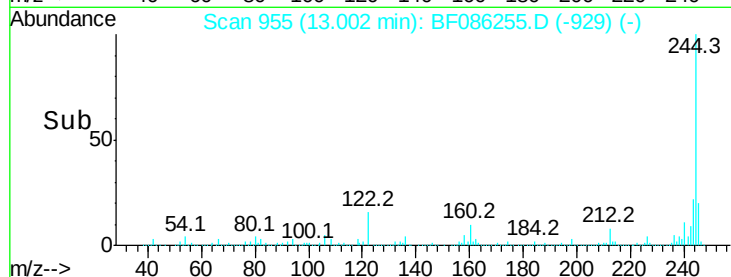
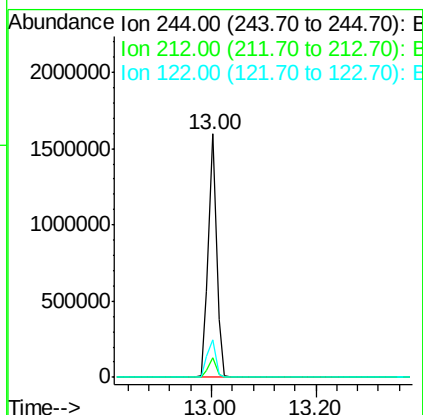
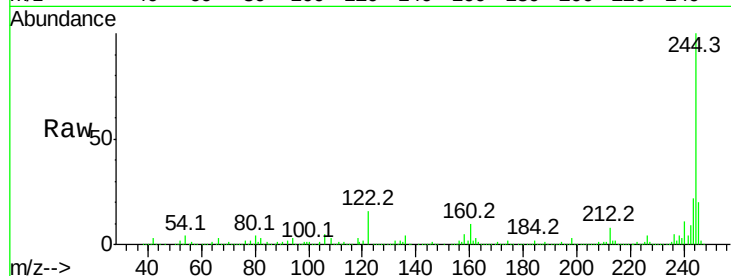




#78
 Terphenyl-d14
 Concen: 77.82 ng
 RT: 13.00 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF086255.D
 Acq: 16 Apr 2016 10:15

Instrument :
 BNA_F
 ClientSampleId :
 B9GW

Tot Ion:244 Resp: 1773803
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.4 9.6
 122 15.6 11.7 17.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF086255.D
 Acq: 16 Apr 2016 10:15

Tgt Ion:264 Resp: 481586
 Ion Ratio Lower Upper
 264 100
 260 24.2 20.0 30.0
 265 21.5 17.4 26.0

