

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
 Data File : BF087225.D
 Acq On : 20 May 2016 11:26
 Operator : UM/SJ
 Sample : PB90419TB
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90419TB

Quant Time: May 20 14:54:07 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	124048	20.00	ng	-0.03
21) Naphthalene-d8	7.85	136	510299	20.00	ng	-0.05
38) Acenaphthene-d10	9.60	164	233880	20.00	ng	-0.05
63) Phenanthrene-d10	11.07	188	377747	20.00	ng	-0.05
75) Chrysene-d12	13.70	240	261754	20.00	ng	-0.06
86) Perylene-d12	15.06	264	244741	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	946937	128.31	ng	-0.03
7) Phenol-d6	6.24	99	1150964	116.28	ng	-0.05
23) Nitrobenzene-d5	7.14	82	750535	73.30	ng	-0.05
41) 2,4,6-Tribromophenol	10.39	330	240186	92.93	ng	-0.06
44) 2-Fluorobiphenyl	8.94	172	1276449	90.39	ng	-0.05
78) Terphenyl-d14	12.66	244	903383	78.07	ng	-0.05

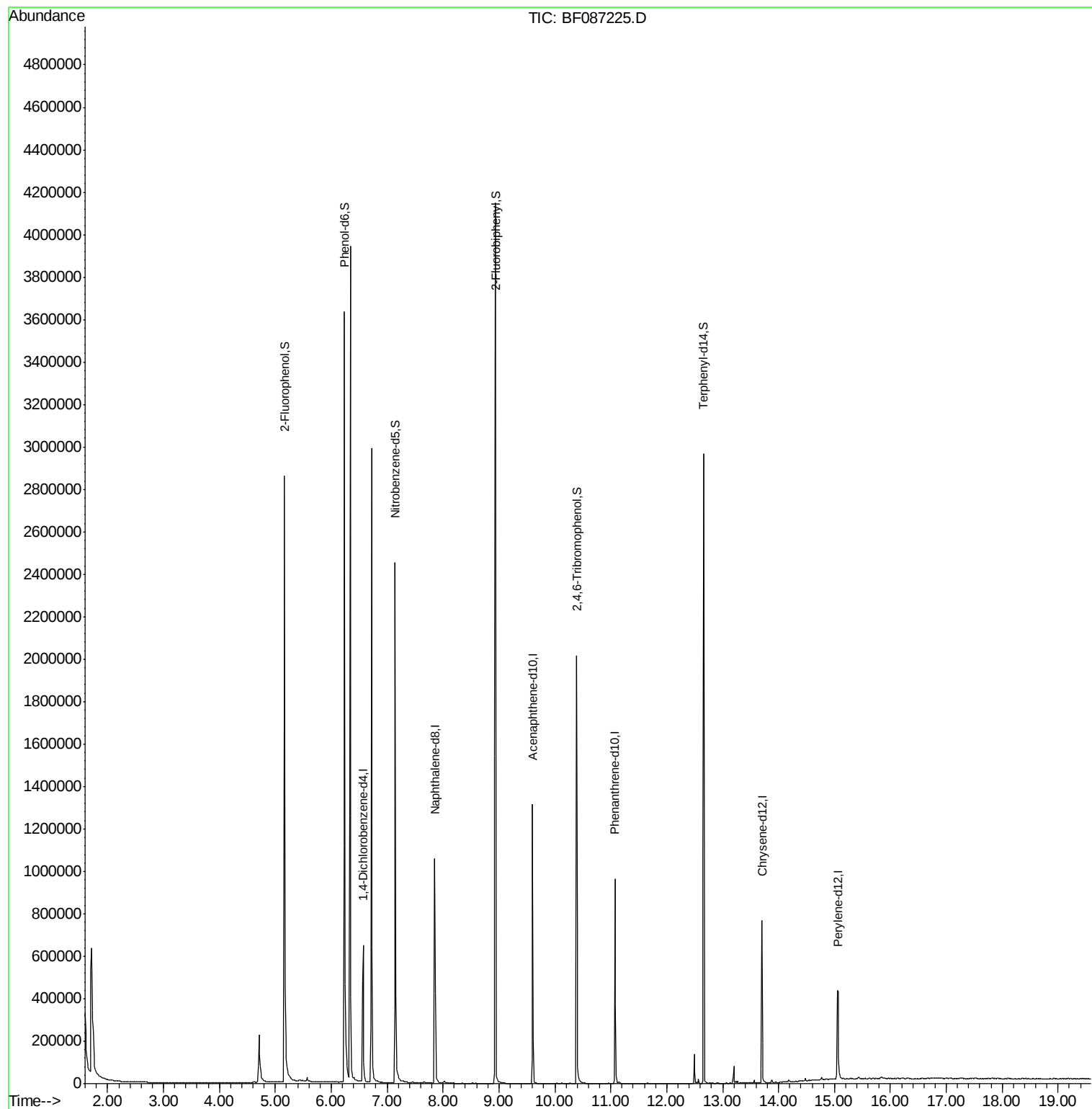
Target Compounds	Qvalue
------------------	--------

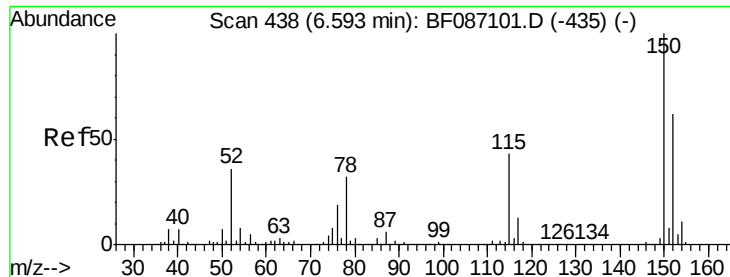
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
Data File : BF087225.D
Acq On : 20 May 2016 11:26
Operator : UM/SJ
Sample : PB90419TB
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90419TB

Quant Time: May 20 14:54:07 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration



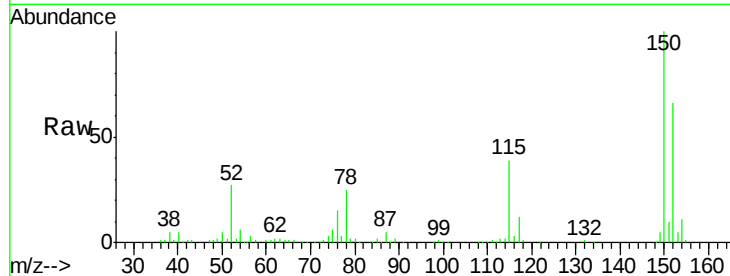


#1

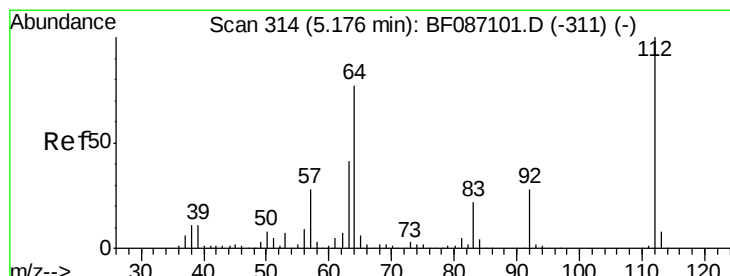
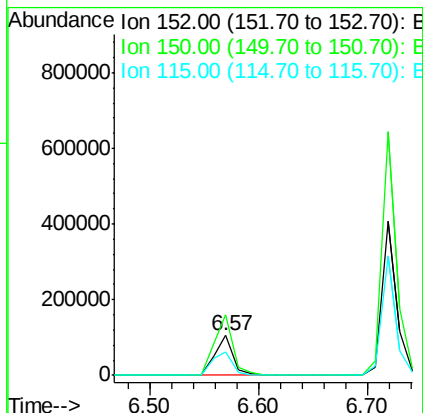
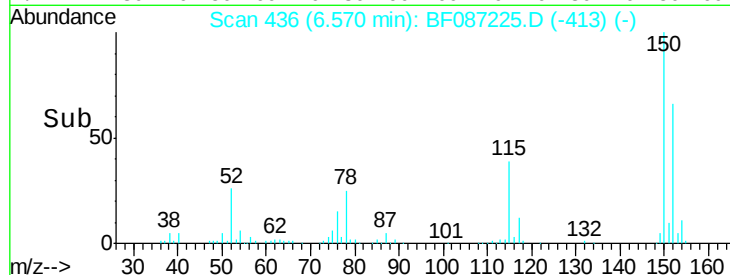
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.57 min Scan# 436
Delta R.T. -0.03 min
Lab File: BF087225.D
Acq: 20 May 2016 11:26

Instrument :
BNA_F
ClientSampleId :
PB90419TB

Tgt Ion:152 Resp: 124048
Ion Ratio Lower Upper
152 100
150 152.2 125.8 188.6
115 59.4 51.5 77.3



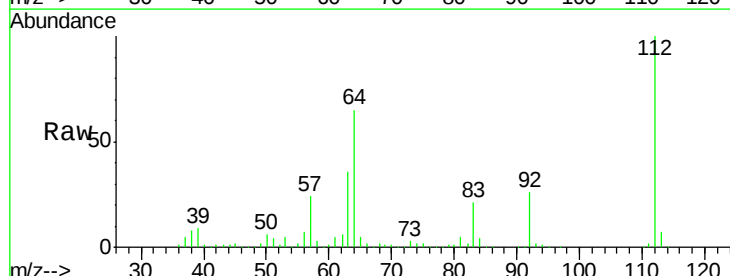
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



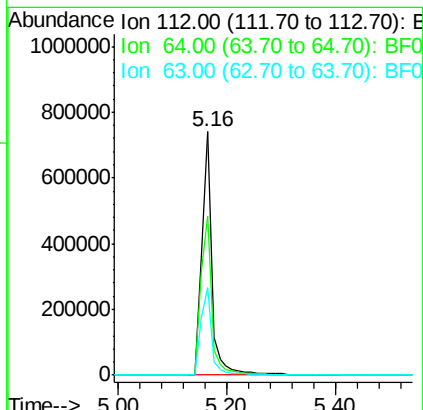
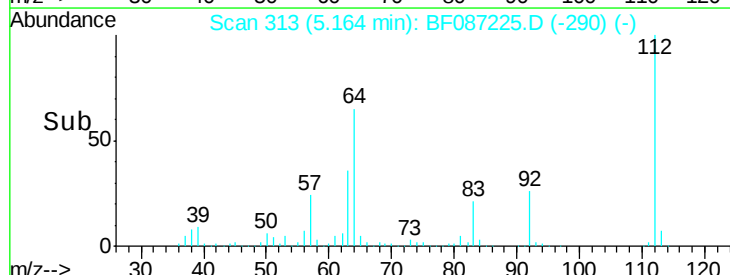
#5

2-Fluorophenol
Concen: 128.31 ng
RT: 5.16 min Scan# 313
Delta R.T. -0.03 min
Lab File: BF087225.D
Acq: 20 May 2016 11:26

Tgt Ion:112 Resp: 946937
Ion Ratio Lower Upper
112 100
64 65.3 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: 116.28 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF087225.D

Acq: 20 May 2016 11:26

Instrument :

BNA_F

ClientSampleId :

PB90419TB

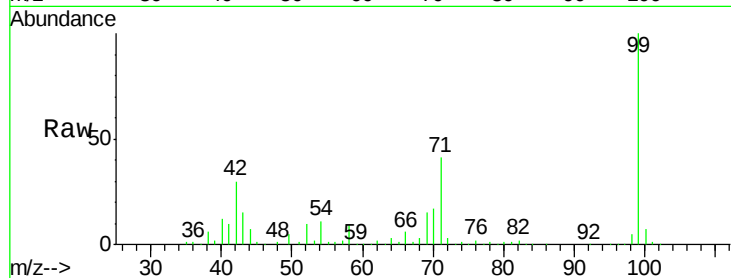
Tgt Ion: 99 Resp: 1150964

Ion Ratio Lower Upper

99 100

42 30.5 13.6 20.4#

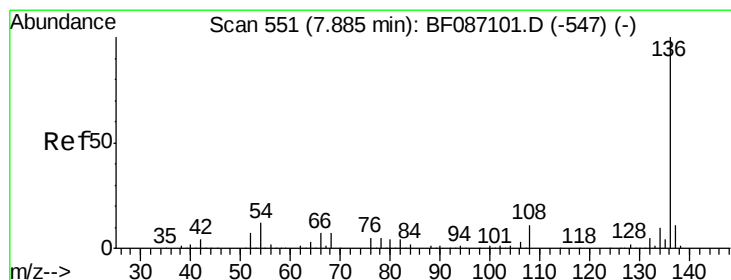
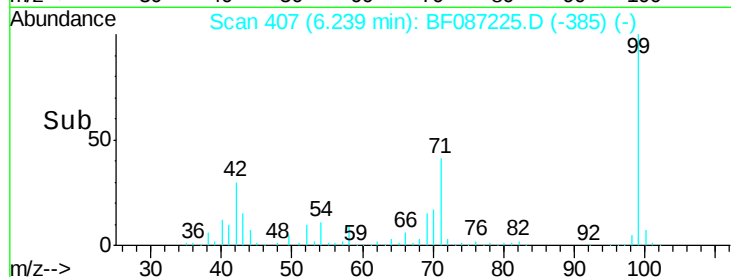
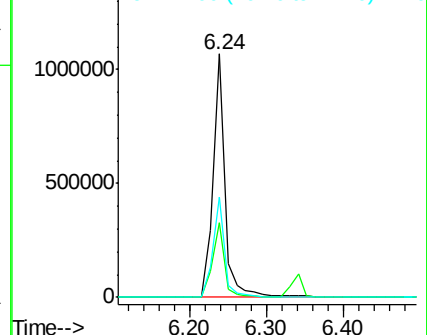
71 41.2 24.6 36.8#



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: 7.85 min Scan# 548

Delta R.T. -0.05 min

Lab File: BF087225.D

Acq: 20 May 2016 11:26

Tgt Ion: 136 Resp: 510299

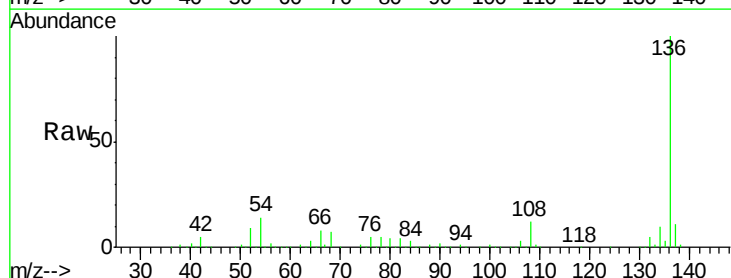
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 14.3 5.0 7.4#

68 7.2 4.4 6.6#

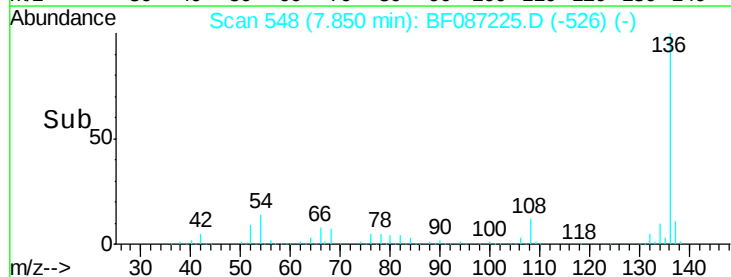
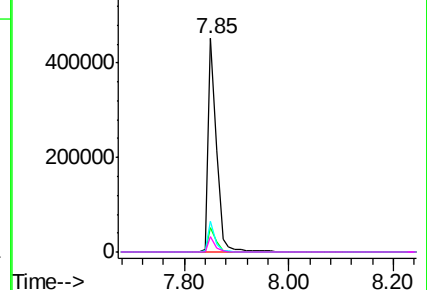


Abundance Ion 136.00 (135.70 to 136.70): E

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

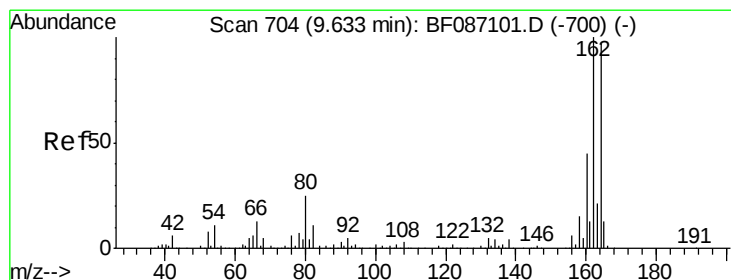
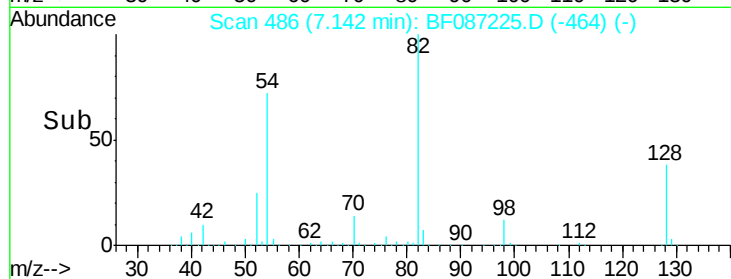
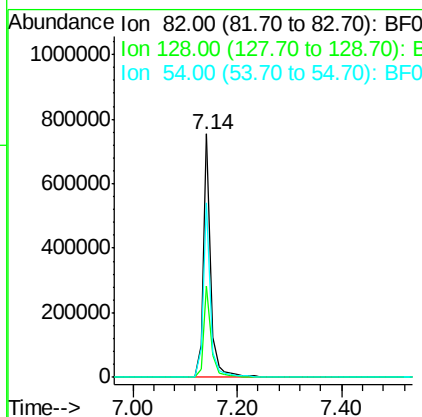
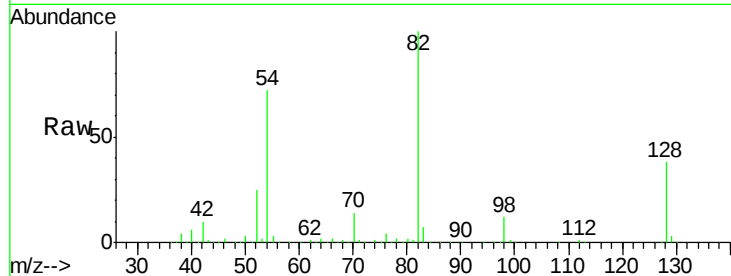




#23
 Nitrobenzene-d5
 Concen: 73.30 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.05 min
 Lab File: BF087225.D
 Acq: 20 May 2016 11:26

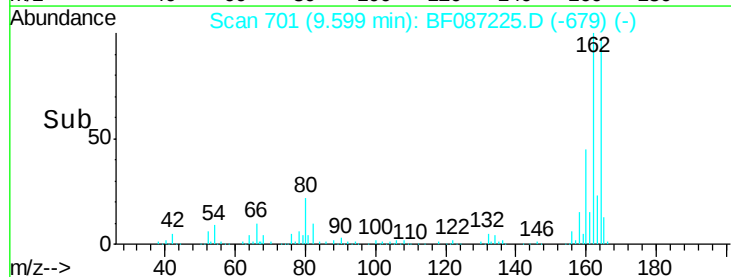
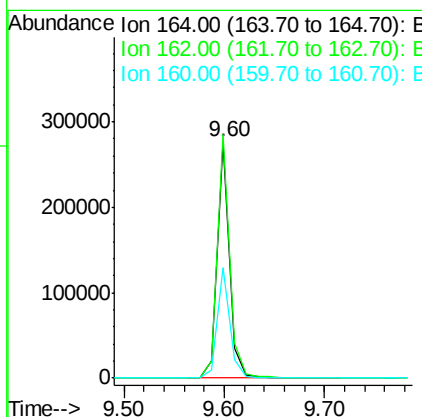
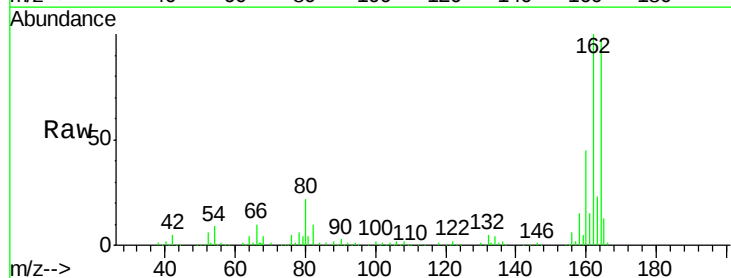
Instrument :
 BNA_F
 ClientSampleId :
 PB90419TB

Tgt Ion: 82 Resp: 750535
 Ion Ratio Lower Upper
 82 100
 128 37.6 40.6 61.0#
 54 71.9 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.60 min Scan# 701
 Delta R.T. -0.05 min
 Lab File: BF087225.D
 Acq: 20 May 2016 11:26

Tgt Ion: 164 Resp: 233880
 Ion Ratio Lower Upper
 164 100
 162 103.0 82.8 124.2
 160 46.5 36.9 55.3

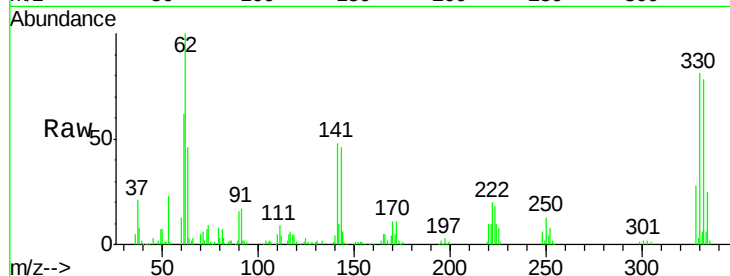




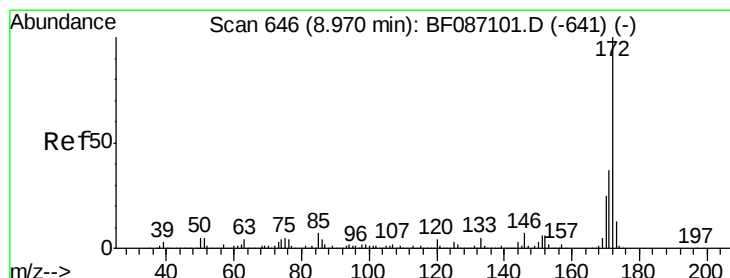
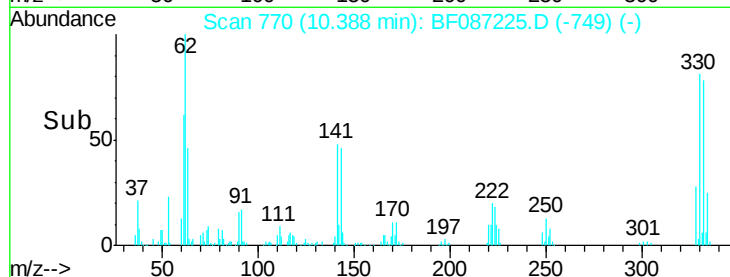
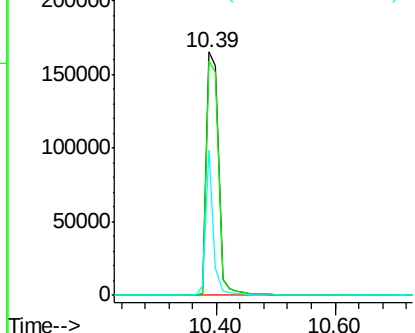
#41
 2,4,6-Tribromophenol
 Concen: 92.93 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.06 min
 Lab File: BF087225.D
 Acq: 20 May 2016 11:26

Instrument :
 BNA_F
 ClientSampleId :
 PB90419TB

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	79.0	118.4
141	37.1	31.2	46.8

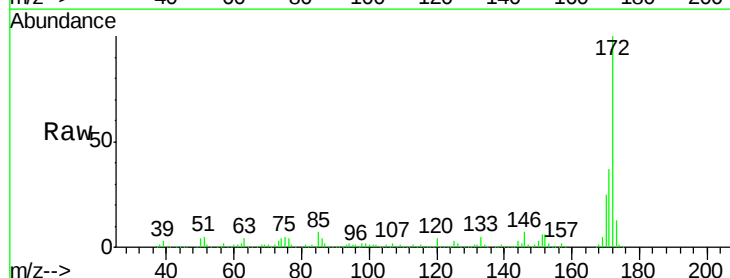


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

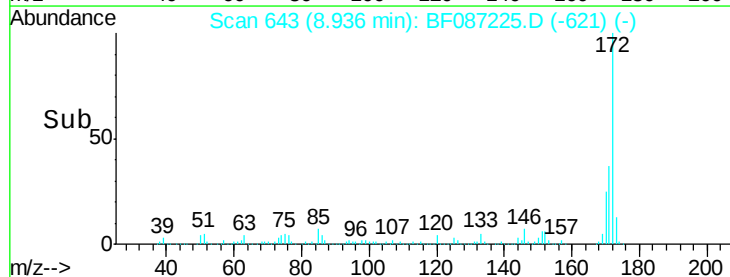
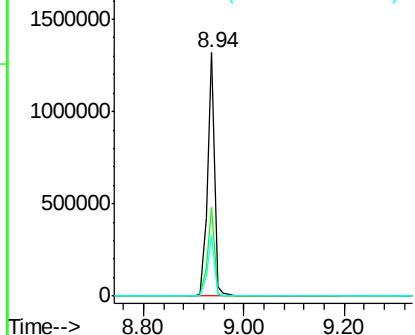


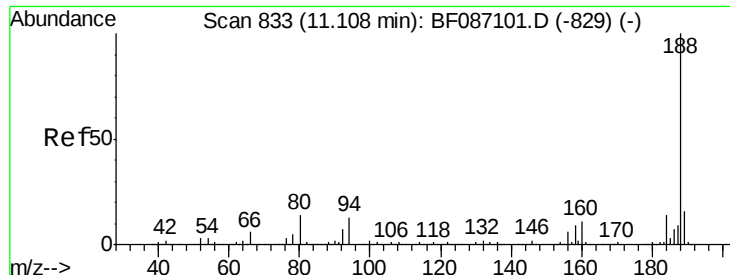
#44
 2-Fluorobiphenyl
 Concen: 90.39 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.05 min
 Lab File: BF087225.D
 Acq: 20 May 2016 11:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	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

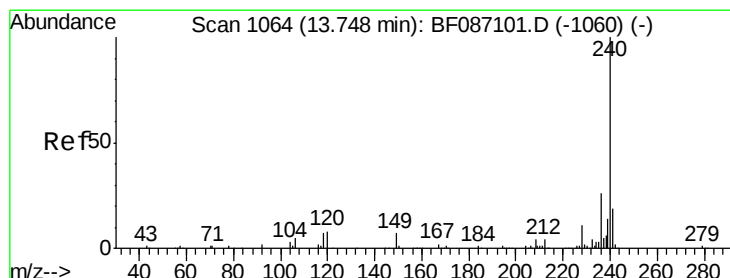
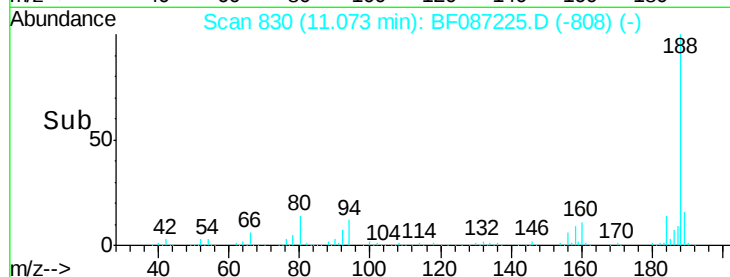
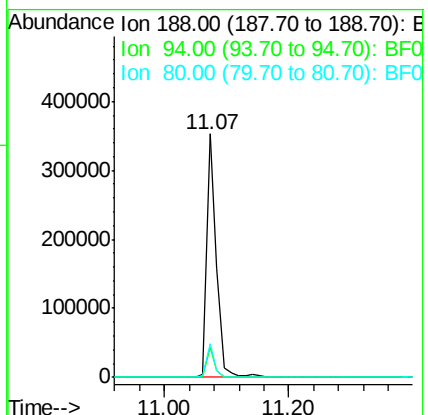
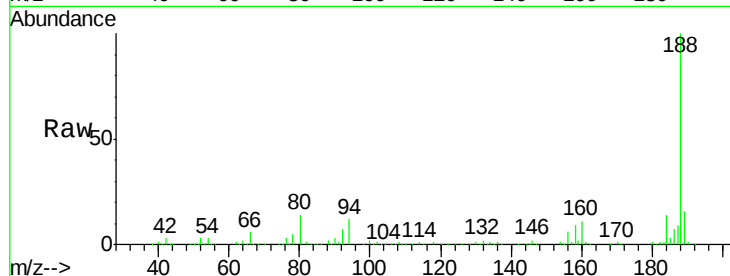




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.05 min
Lab File: BF087225.D
Acq: 20 May 2016 11:26

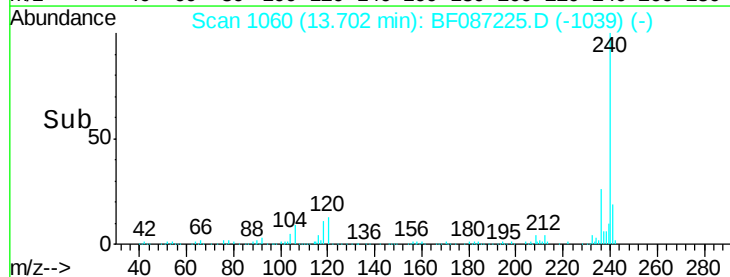
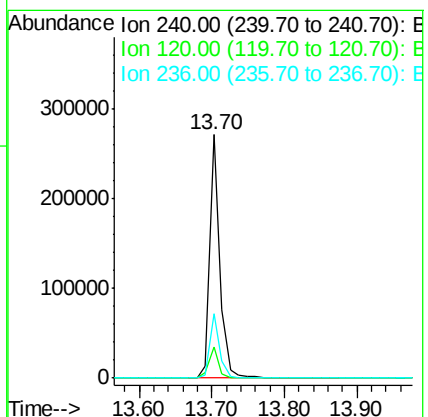
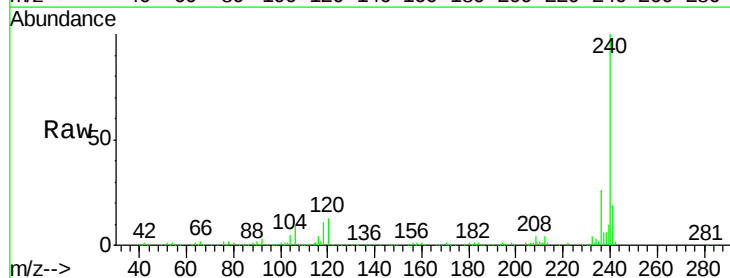
Instrument :
BNA_F
ClientSampleId :
PB90419TB

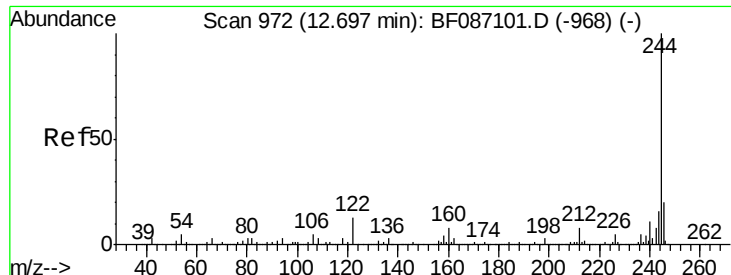
Tgt Ion:188 Resp: 377747
Ion Ratio Lower Upper
188 100
94 12.3 6.8 10.2#
80 13.8 7.1 10.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.06 min
Lab File: BF087225.D
Acq: 20 May 2016 11:26

Tgt Ion:240 Resp: 261754
Ion Ratio Lower Upper
240 100
120 12.7 11.2 16.8
236 26.2 21.2 31.8

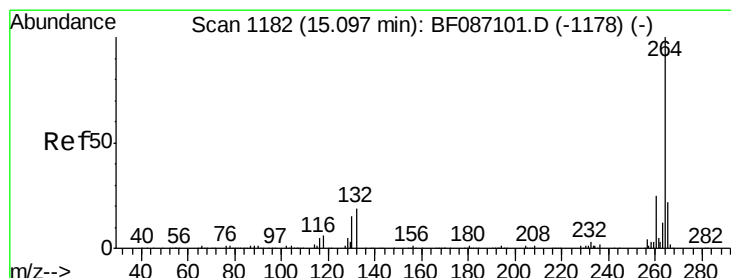
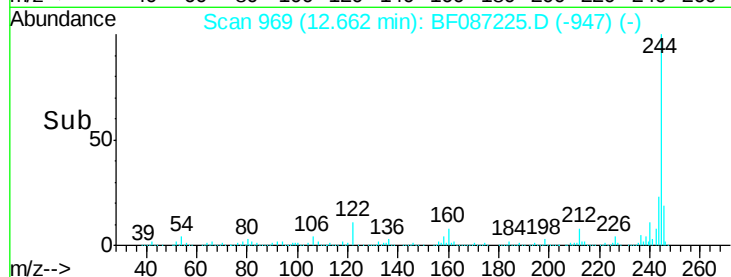
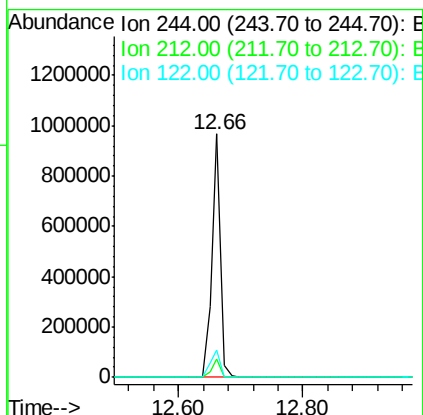
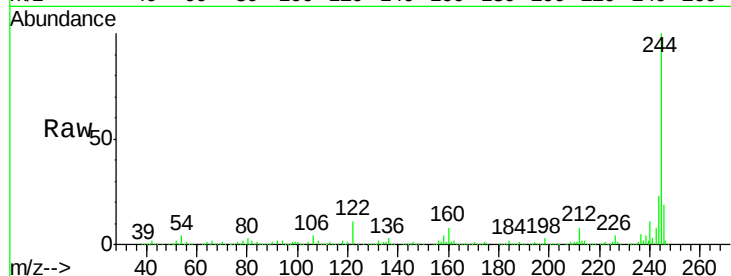




#78
 Terphenyl-d14
 Concen: 78.07 ng
 RT: 12.66 min Scan# 969
 Delta R.T. -0.05 min
 Lab File: BF087225.D
 Acq: 20 May 2016 11:26

Instrument :
 BNA_F
 ClientSampleId :
 PB90419TB

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	11.1	12.0	18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1179
 Delta R.T. -0.05 min
 Lab File: BF087225.D
 Acq: 20 May 2016 11:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	20.2	17.3	25.9

