

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
 Data File : BF087229.D
 Acq On : 20 May 2016 17:30
 Operator : UM/SJ
 Sample : PB90711BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90711BL

Quant Time: May 21 00:20:55 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 00:19:36 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	142429	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	628254	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	328475	20.00	ng	0.00
63) Phenanthrene-d10	11.06	188	585468	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	481404	20.00	ng	-0.01
86) Perylene-d12	15.04	264	353667	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	951947	112.34	ng	0.01
7) Phenol-d6	6.23	99	1354533	119.19	ng	0.00
23) Nitrobenzene-d5	7.13	82	823293	65.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.39	330	333364	91.84	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1540462	77.67	ng	0.00
78) Terphenyl-d14	12.65	244	1387770	65.21	ng	0.00

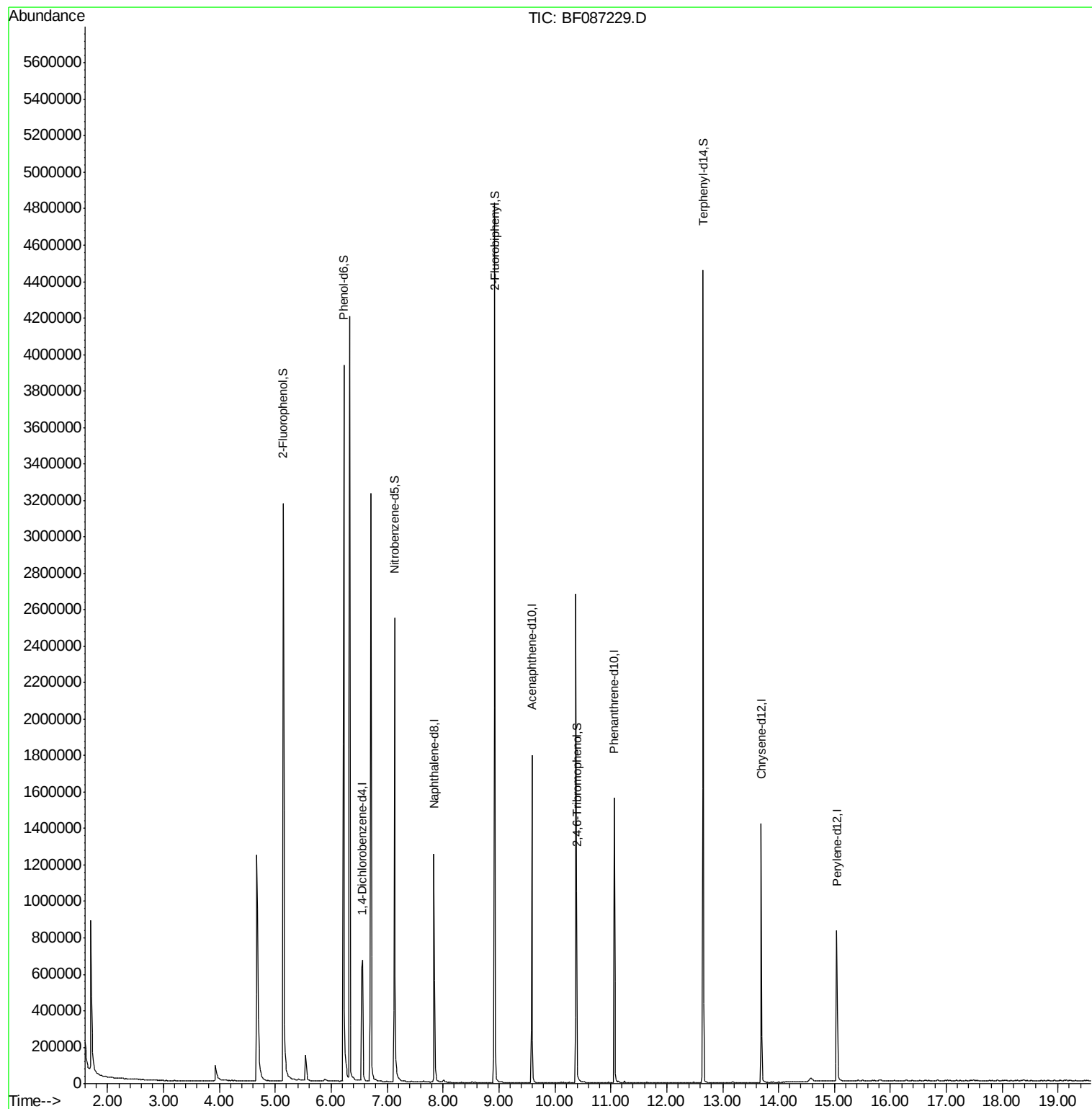
Target Compounds Qvalue

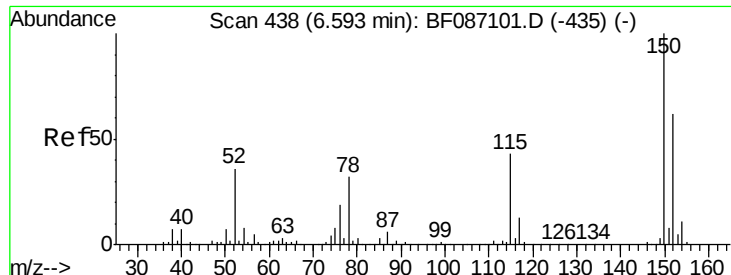
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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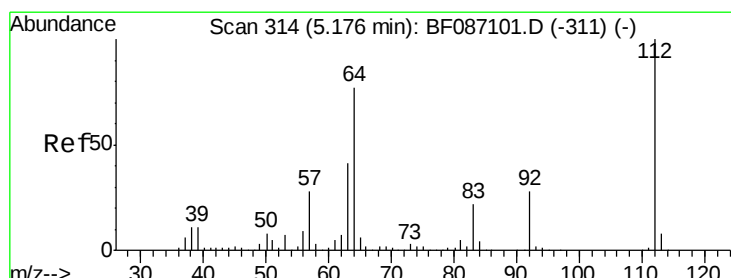
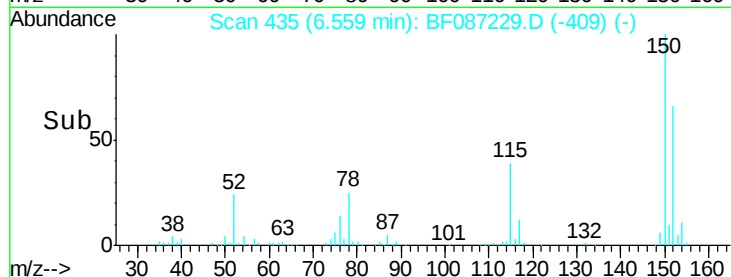
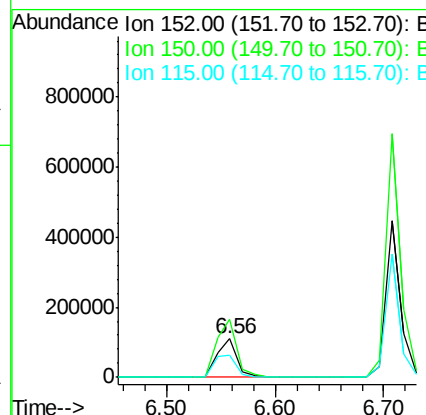
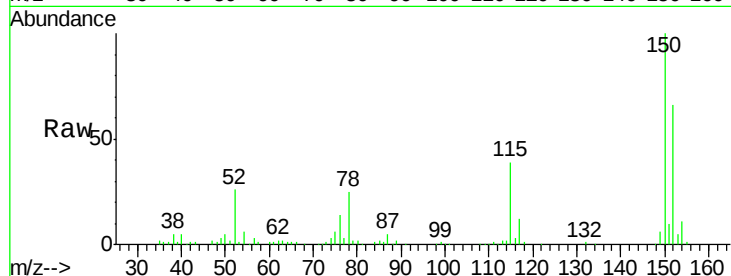


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF087229.D
Acq: 20 May 2016 17:30

Instrument :
BNA_F
ClientSampleId :
PB90711BL

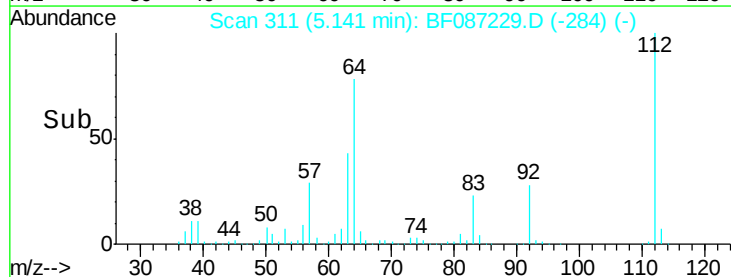
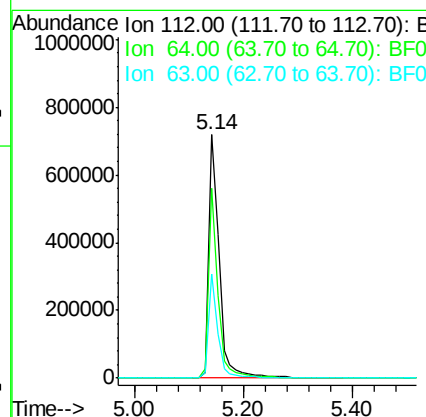
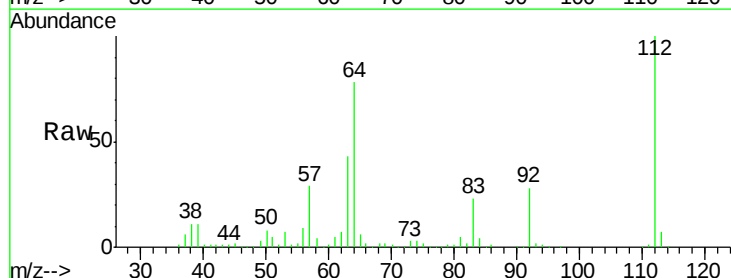
Tot Ion:152 Resp: 142429
Ion Ratio Lower Upper
152 100
150 151.8 125.8 188.6
115 58.5 51.5 77.3



#5

2-Fluorophenol
Concen: 112.34 ng
RT: 5.14 min Scan# 311
Delta R.T. 0.01 min
Lab File: BF087229.D
Acq: 20 May 2016 17:30

Tgt Ion:112 Resp: 951947
Ion Ratio Lower Upper
112 100
64 78.1 52.1 78.1
63 42.8 25.7 38.5#





#7

Phenol-d6

Concen: 119.19 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF087229.D

Acq: 20 May 2016 17:30

Instrument :

BNA_F

ClientSampleId :

PB90711BL

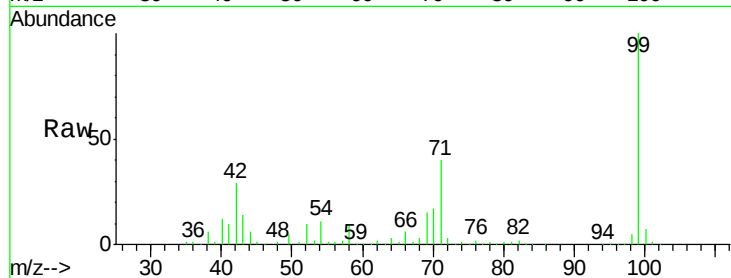
Tot Ion: 99 Resp: 1354533

Ion Ratio Lower Upper

99 100

42 29.3 13.6 20.4#

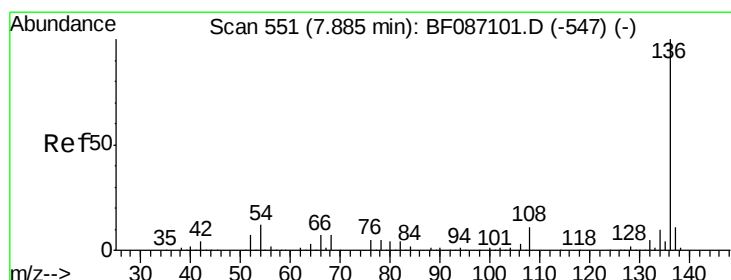
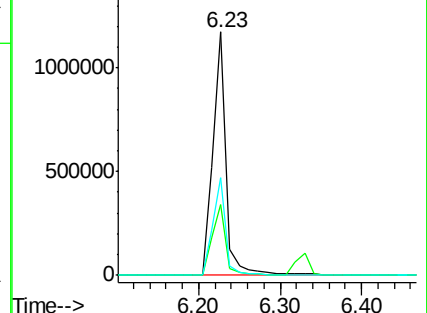
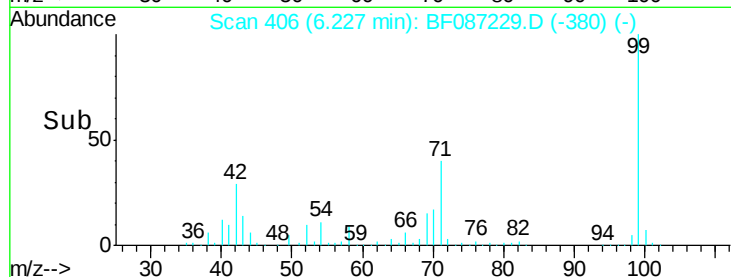
71 40.3 24.6 36.8#



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: 7.84 min Scan# 547

Delta R.T. -0.01 min

Lab File: BF087229.D

Acq: 20 May 2016 17:30

Tgt Ion: 136 Resp: 628254

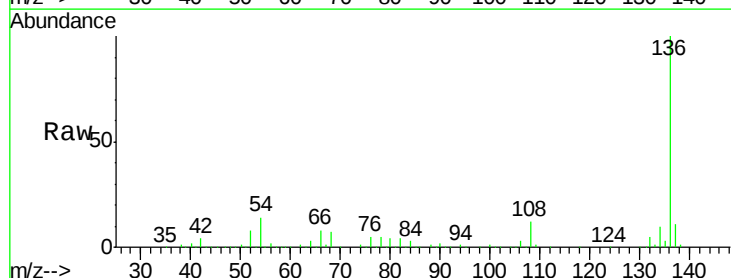
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 13.8 5.0 7.4#

68 6.9 4.4 6.6#

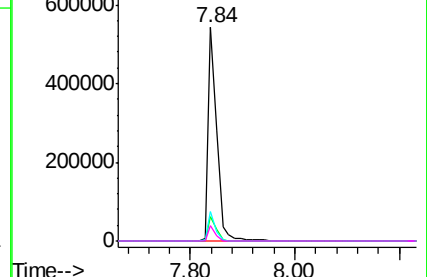
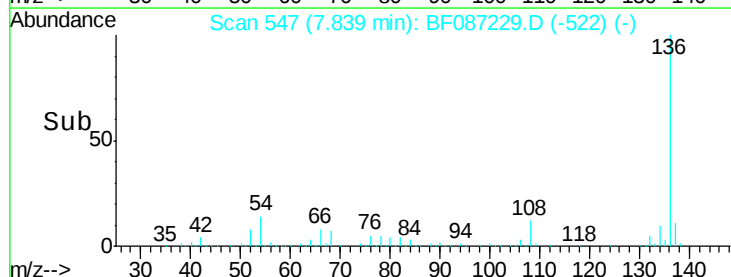


Abundance Ion 136.00 (135.70 to 136.70): E

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

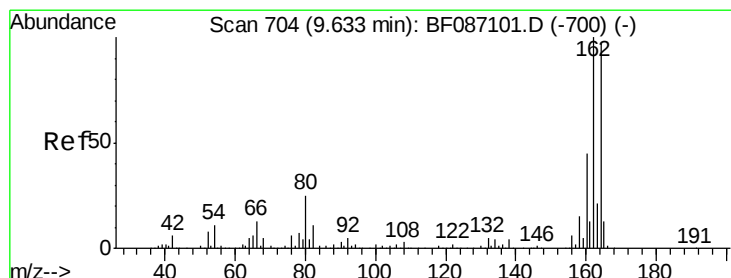
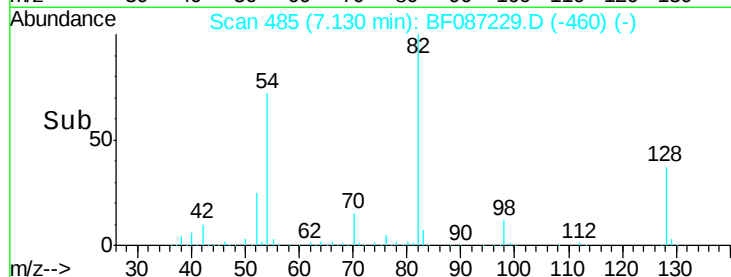
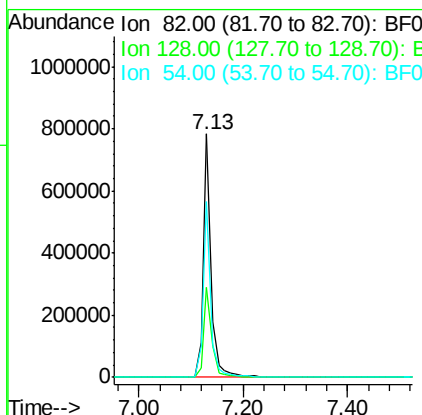
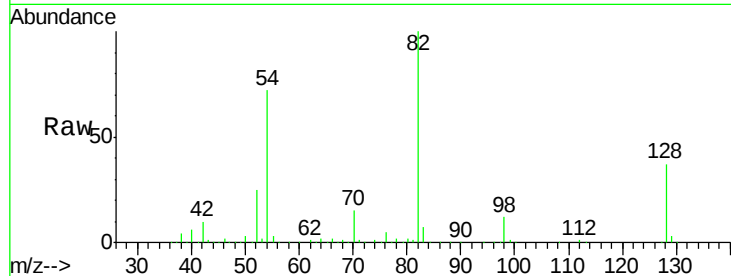




#23
 Nitrobenzene-d5
 Concen: 65.31 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF087229.D
 Acq: 20 May 2016 17:30

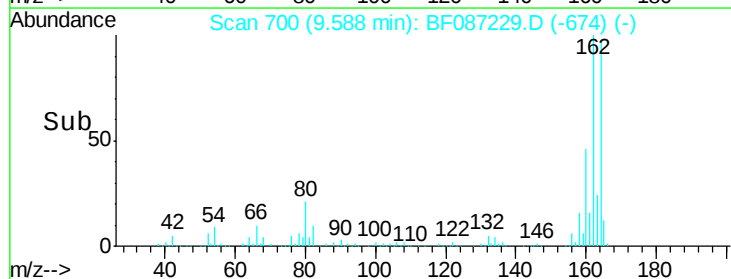
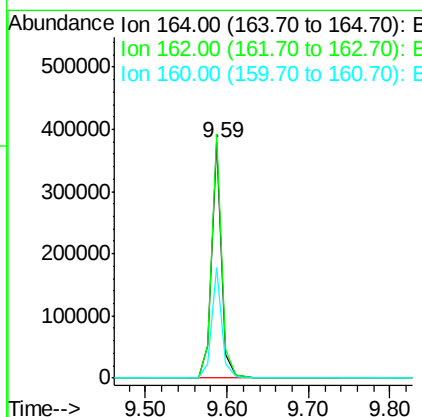
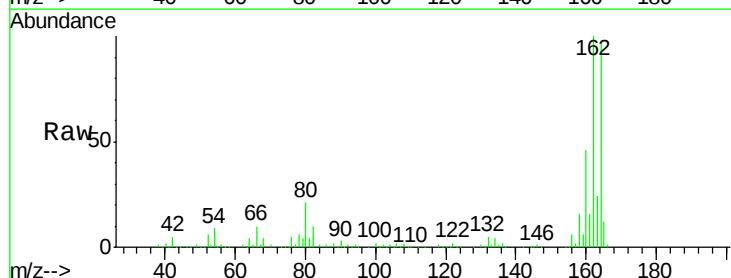
Instrument :
 BNA_F
 ClientSampled :
 PB90711BL

Tot Ion: 82 Resp: 823293
 Ion Ratio Lower Upper
 82 100
 128 36.8 40.6 61.0#
 54 72.2 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BF087229.D
 Acq: 20 May 2016 17:30

Tgt Ion:164 Resp: 328475
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.8 124.2
 160 47.1 36.9 55.3

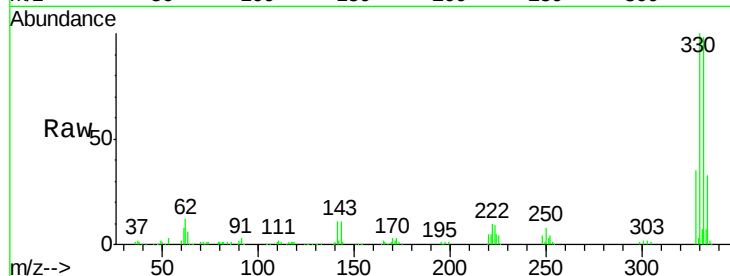




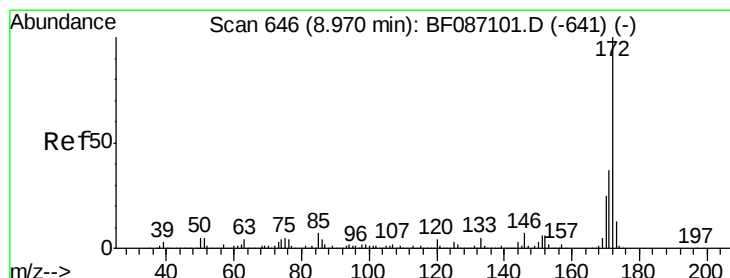
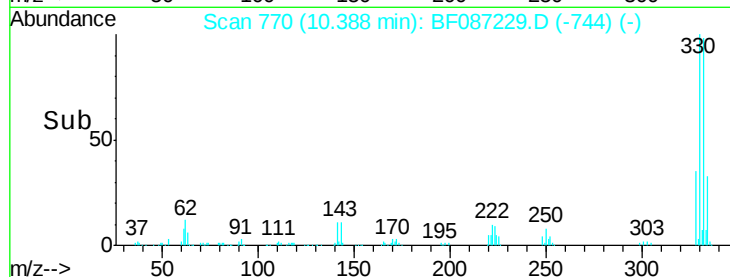
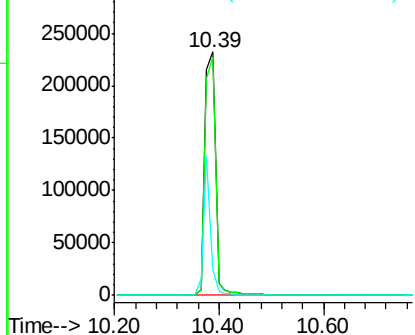
#41
 2,4,6-Tribromophenol
 Concen: 91.84 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF087229.D
 Acq: 20 May 2016 17:30

Instrument :
 BNA_F
 ClientSampleId :
 PB90711BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	79.0	118.4
141	38.2	31.2	46.8

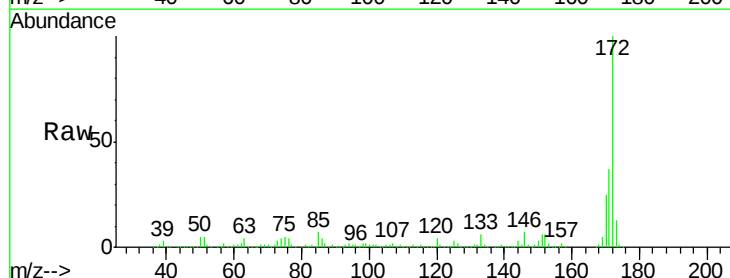


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

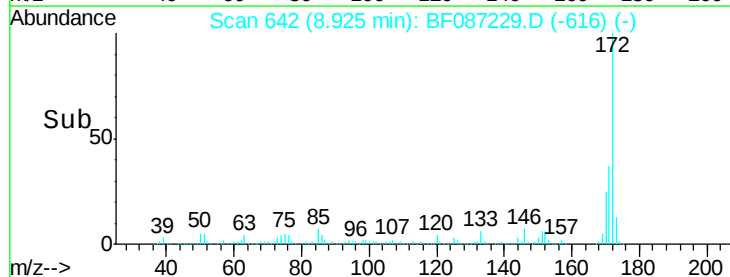
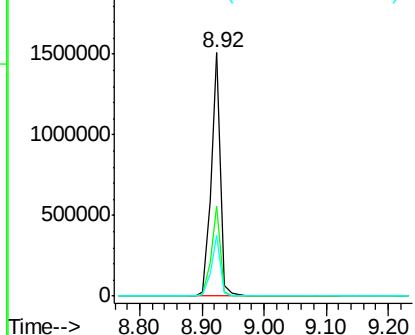


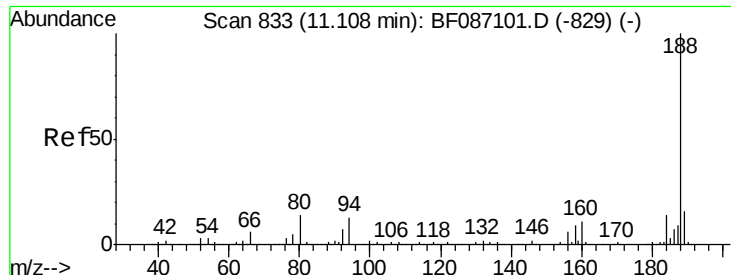
#44
 2-Fluorobiphenyl
 Concen: 77.67 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF087229.D
 Acq: 20 May 2016 17:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.6
170	25.1	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

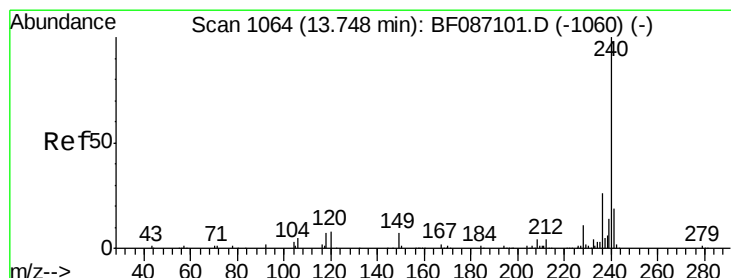
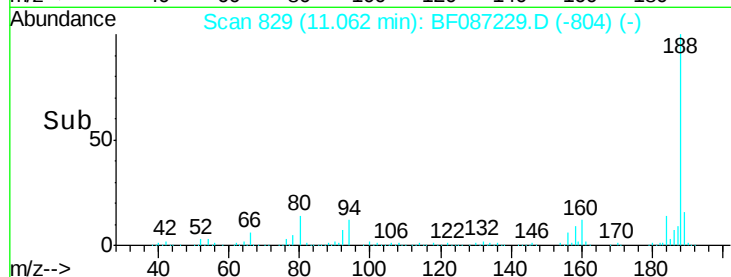
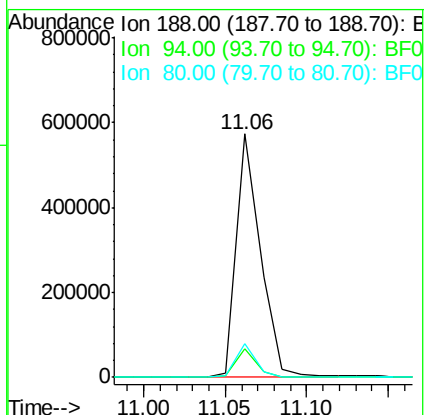
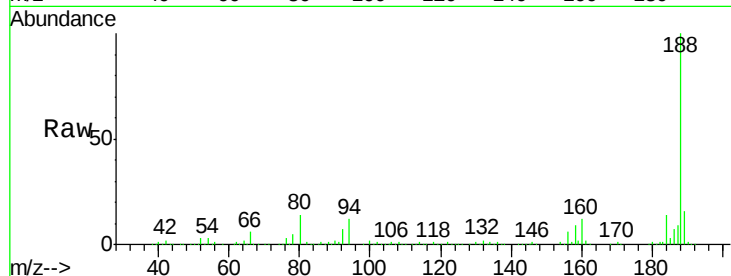




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF087229.D
Acq: 20 May 2016 17:30

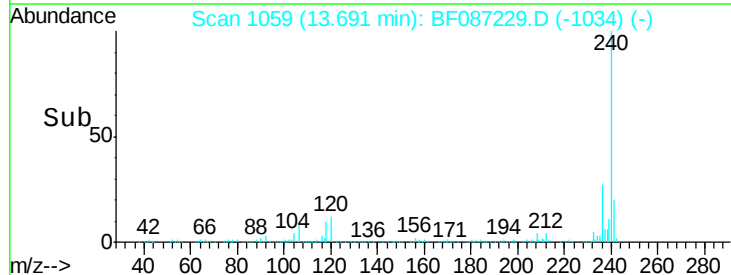
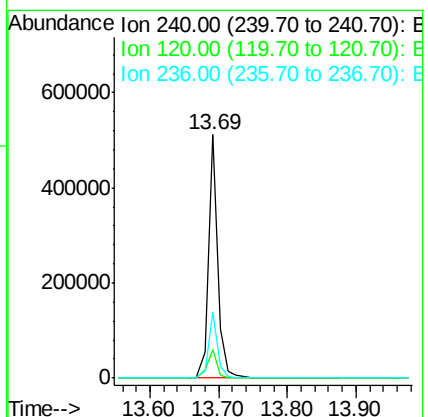
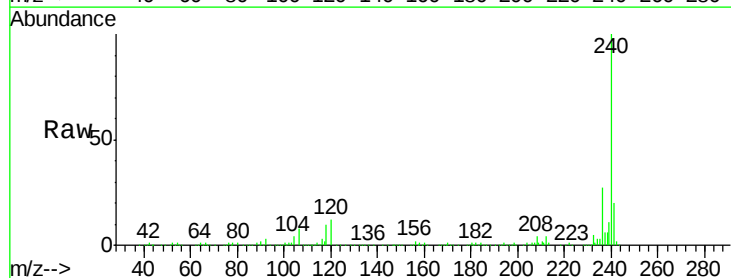
Instrument :
BNA_F
ClientSampleId :
PB90711BL

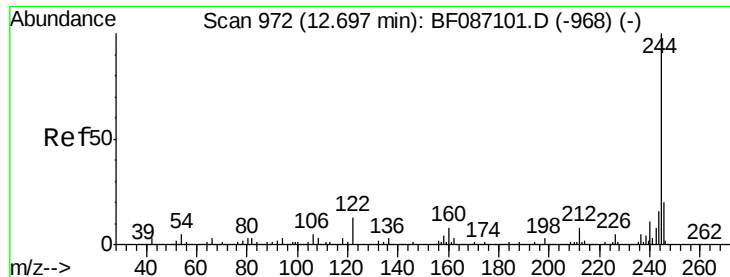
Tot Ion:188 Resp: 585468
Ion Ratio Lower Upper
188 100
94 12.0 6.8 10.2#
80 13.7 7.1 10.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF087229.D
Acq: 20 May 2016 17:30

Tgt Ion:240 Resp: 481404
Ion Ratio Lower Upper
240 100
120 11.6 11.2 16.8
236 27.0 21.2 31.8

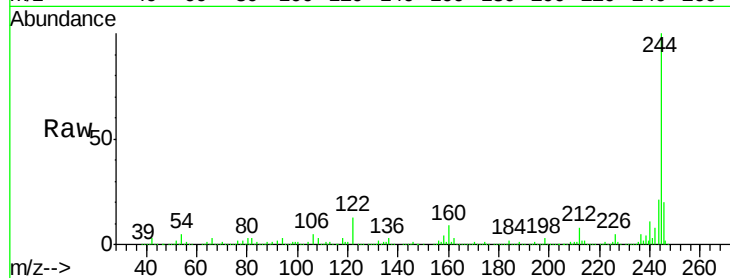




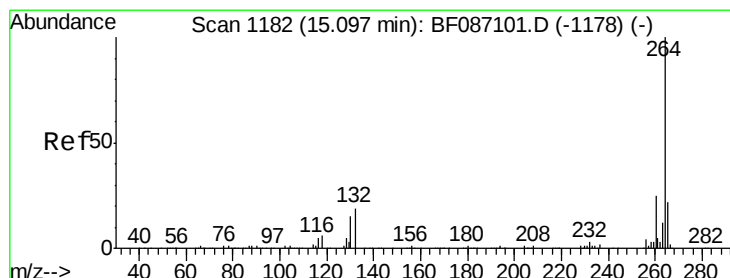
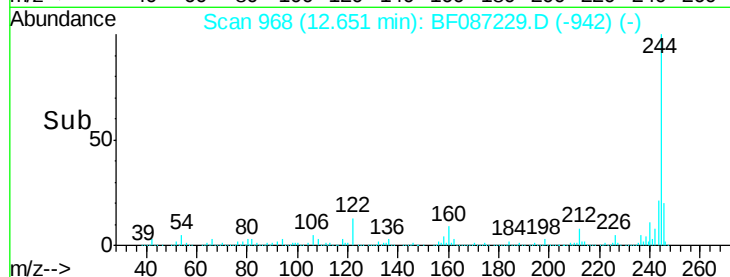
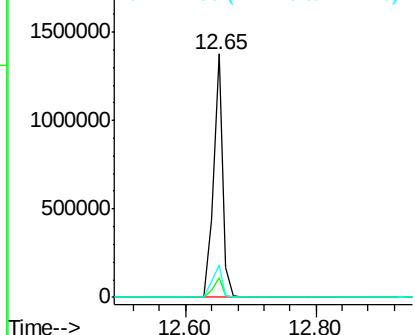
#78
 Terphenyl-d14
 Concen: 65.21 ng
 RT: 12.65 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BF087229.D
 Acq: 20 May 2016 17:30

Instrument :
 BNA_F
 ClientSampleId :
 PB90711BL

Tot Ion:244 Resp: 1387770
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 13.3 12.0 18.0

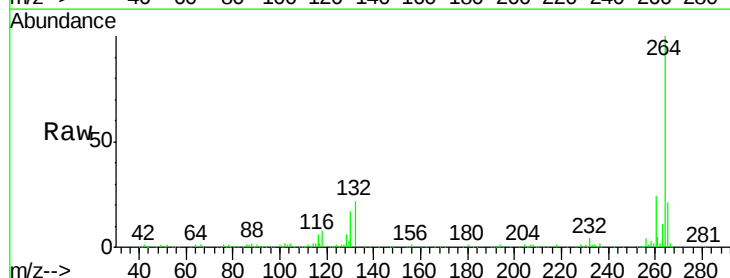


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BF087229.D
 Acq: 20 May 2016 17:30

Tgt Ion:264 Resp: 353667
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 21.1 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

