

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
 Data File : BF087186.D
 Acq On : 19 May 2016 14:03
 Operator : UM/SJ
 Sample : PB90666BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90666BL

Quant Time: May 19 18:18:45 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 18:14:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	136900	20.00	ng	-0.01
21) Naphthalene-d8	7.85	136	560526	20.00	ng	-0.01
38) Acenaphthene-d10	9.60	164	278782	20.00	ng	0.00
63) Phenanthrene-d10	11.07	188	516283	20.00	ng	-0.01
75) Chrysene-d12	13.70	240	458501	20.00	ng	-0.01
86) Perylene-d12	15.05	264	370828	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	584606	71.78	ng	0.02
7) Phenol-d6	6.23	99	741999	67.93	ng	-0.01
23) Nitrobenzene-d5	7.14	82	774867	68.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.39	330	197182	64.01	ng	-0.01
44) 2-Fluorobiphenyl	8.94	172	1261626	74.95	ng	0.00
78) Terphenyl-d14	12.66	244	1147475	56.61	ng	0.00

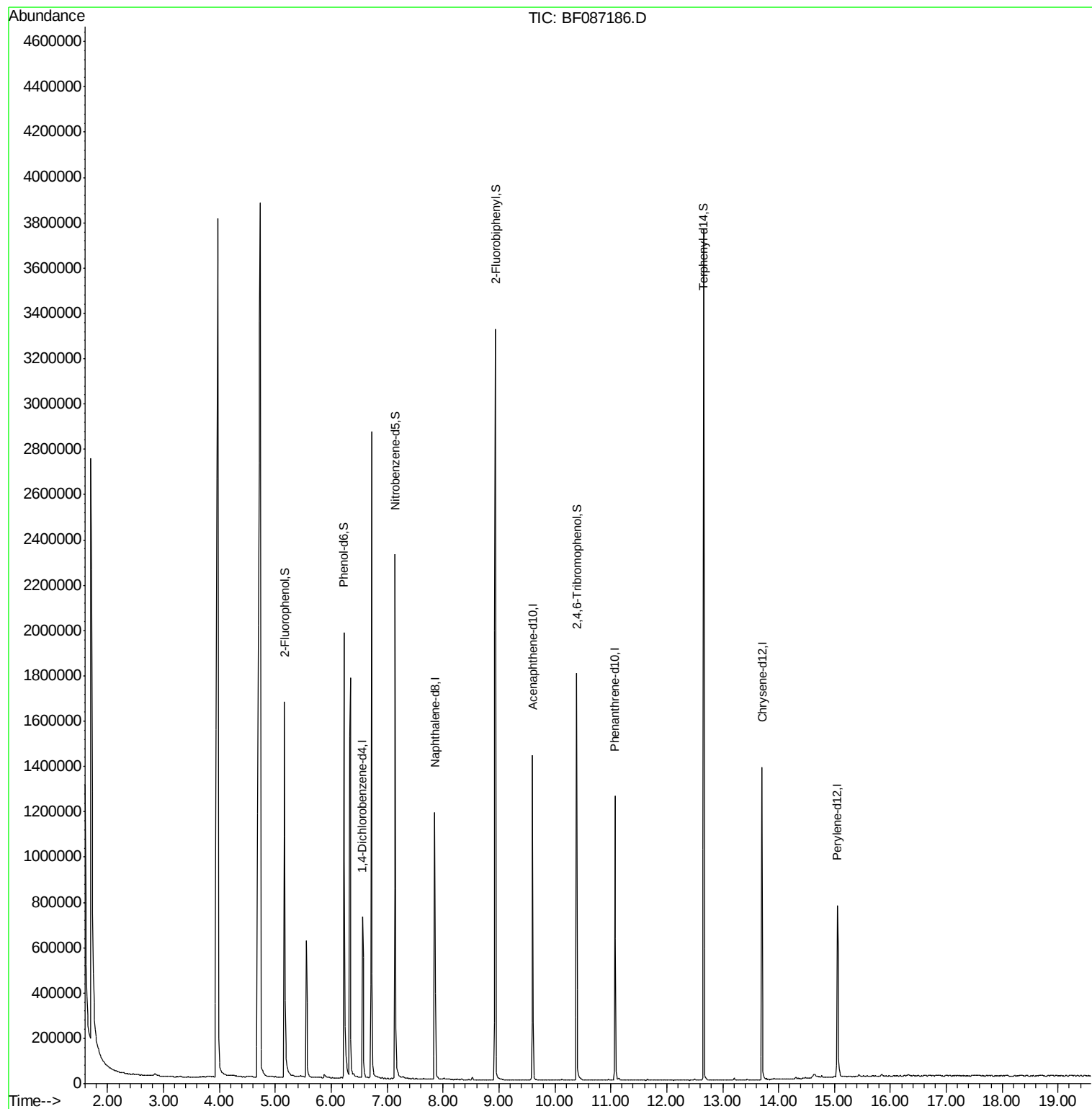
Target Compounds	Qvalue
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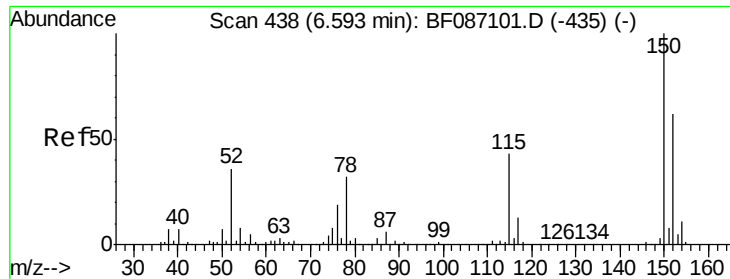
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF087186.D

Acq: 19 May 2016 14:03

Instrument :

BNA_F

ClientSampleId :

PB90666BL

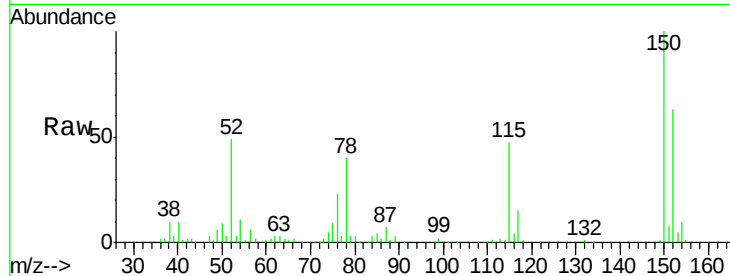
Tgt Ion:152 Resp: 136900

Ion Ratio Lower Upper

152 100

150 159.1 125.8 188.6

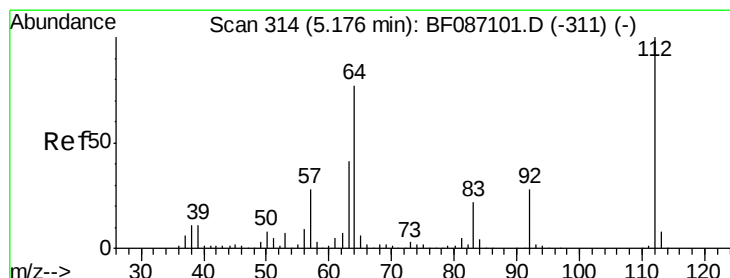
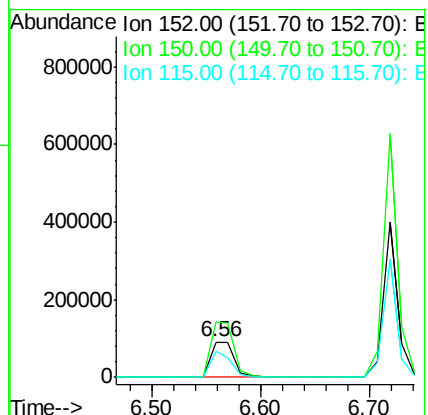
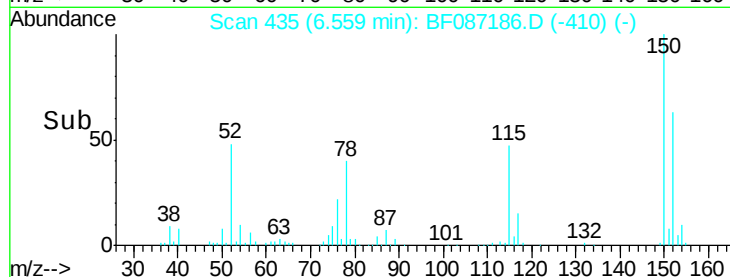
115 75.2 51.5 77.3



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: 71.78 ng

RT: 5.16 min Scan# 313

Delta R.T. 0.02 min

Lab File: BF087186.D

Acq: 19 May 2016 14:03

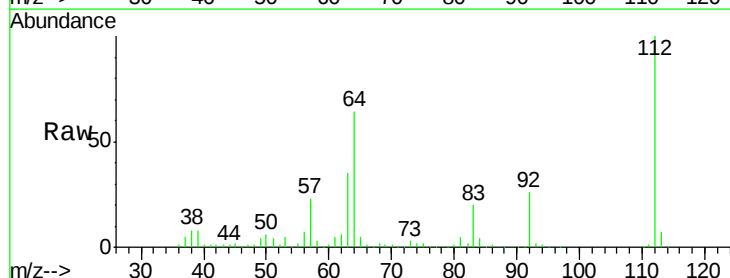
Tgt Ion:112 Resp: 584606

Ion Ratio Lower Upper

112 100

64 64.3 52.1 78.1

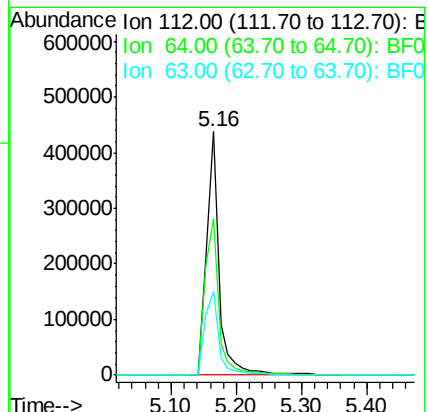
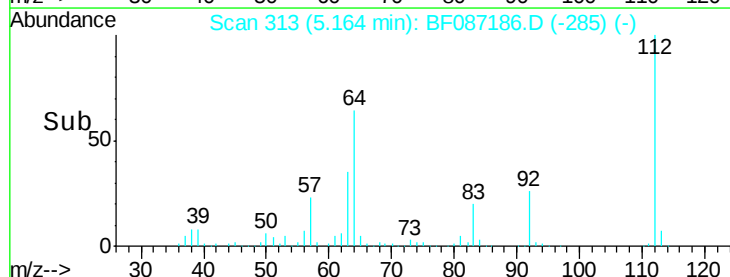
63 34.5 25.7 38.5

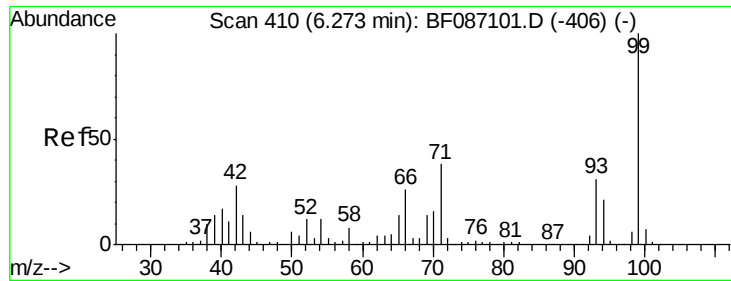


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 67.93 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF087186.D

Acq: 19 May 2016 14:03

Instrument :

BNA_F

ClientSampleId :

PB90666BL

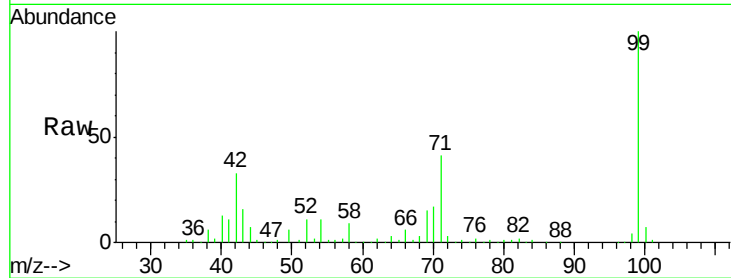
Tgt Ion: 99 Resp: 741999

Ion Ratio Lower Upper

99 100

42 32.6 13.6 20.4#

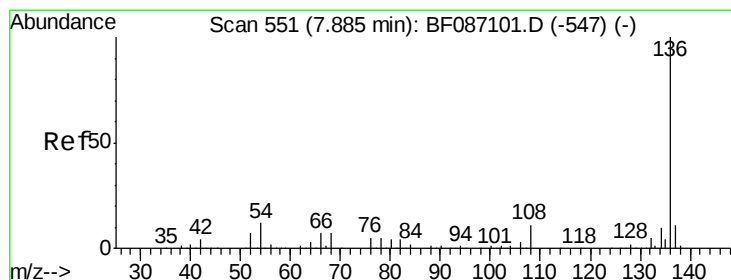
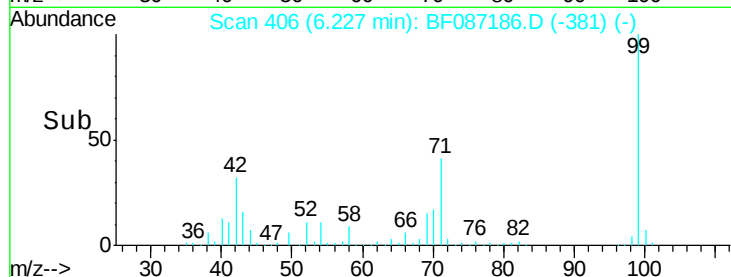
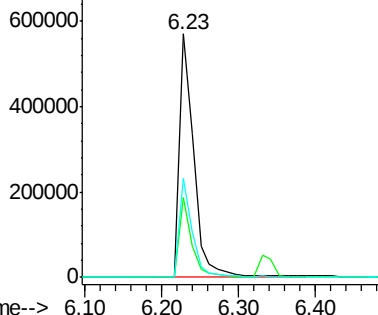
71 40.5 24.6 36.8#



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. -0.01 min

Lab File: BF087186.D

Acq: 19 May 2016 14:03

Tgt Ion: 136 Resp: 560526

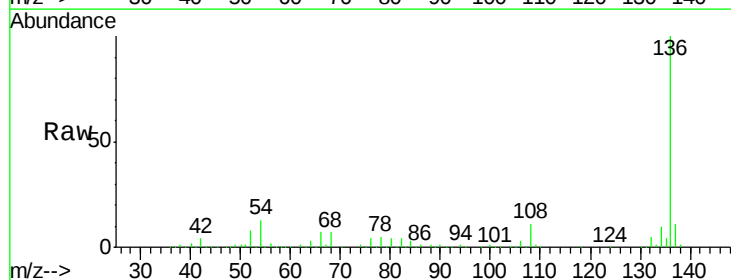
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 12.7 5.0 7.4#

68 6.6 4.4 6.6#

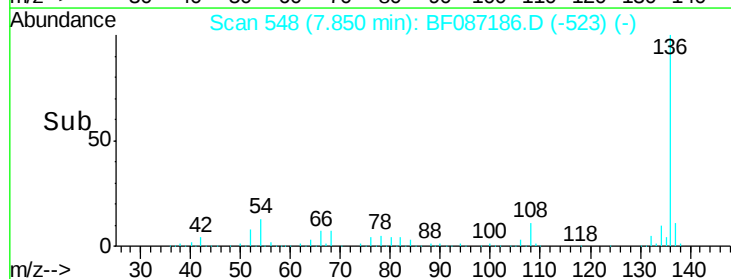
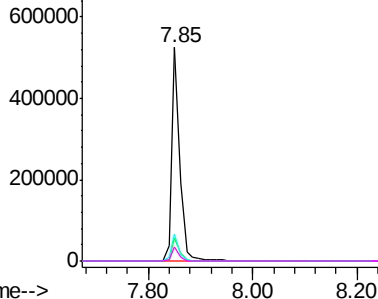


Abundance Ion 136.00 (135.70 to 136.70): E

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

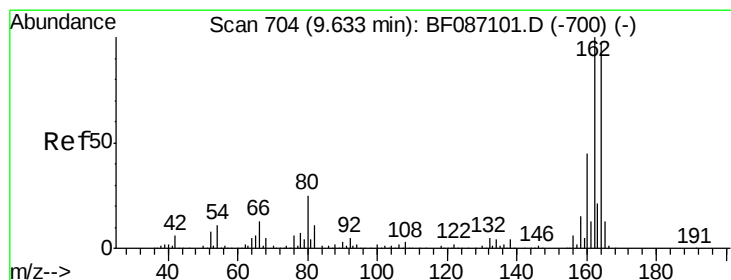
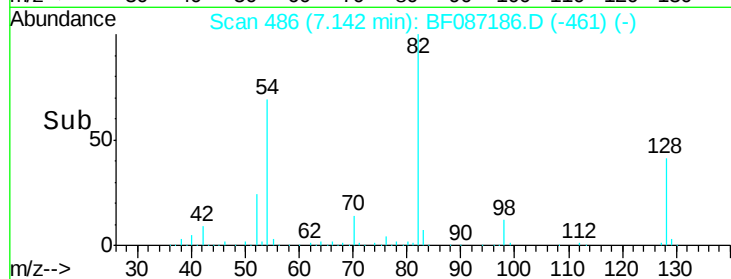
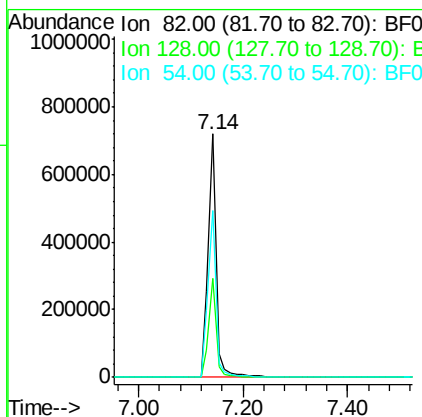
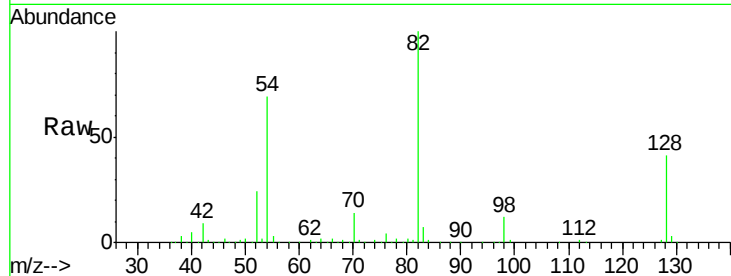




#23
 Nitrobenzene-d5
 Concen: 68.90 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.01 min
 Lab File: BF087186.D
 Acq: 19 May 2016 14:03

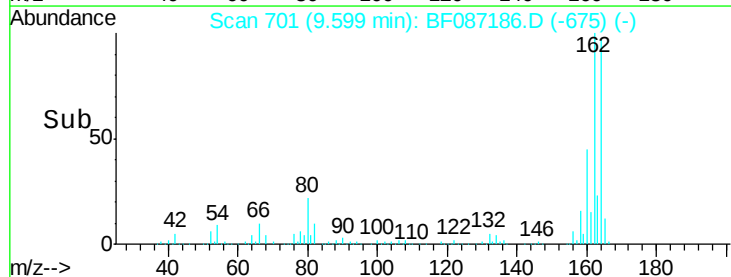
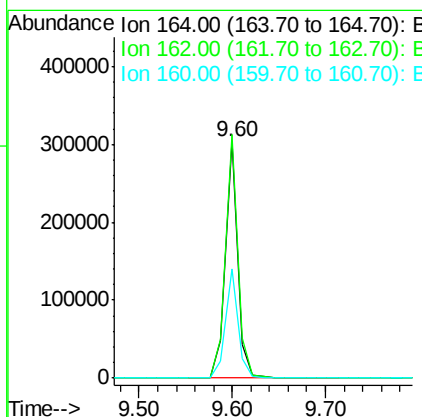
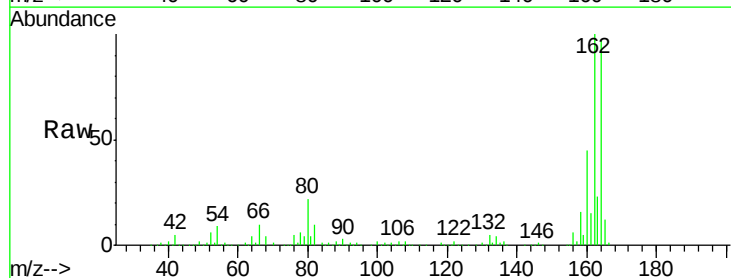
Instrument :
 BNA_F
 ClientSampleId :
 PB90666BL

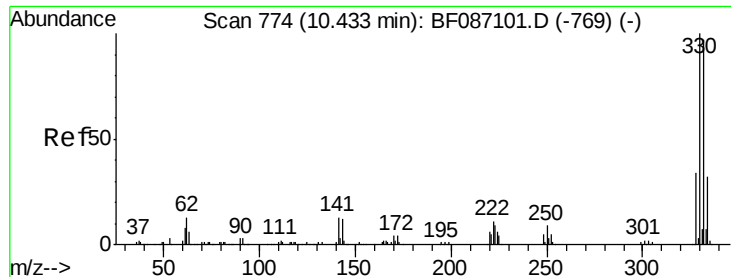
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.6	40.6	61.0#
54	68.6	38.1	57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.60 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BF087186.D
 Acq: 19 May 2016 14:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.8	124.2
160	46.3	36.9	55.3

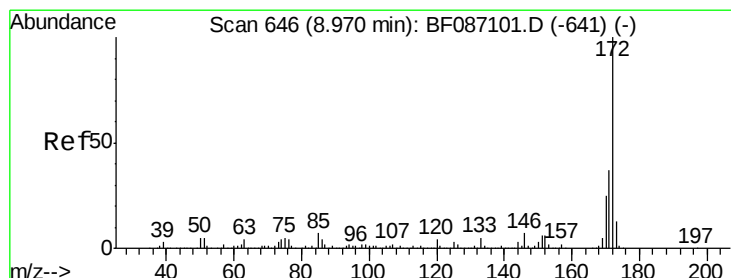
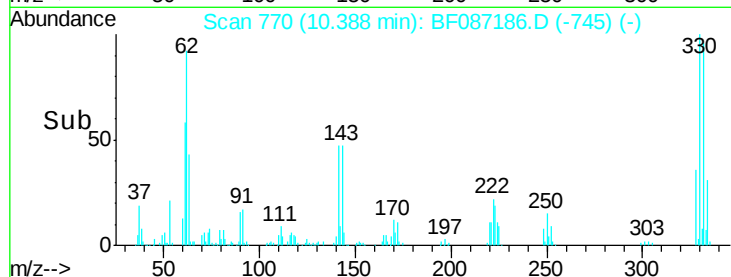
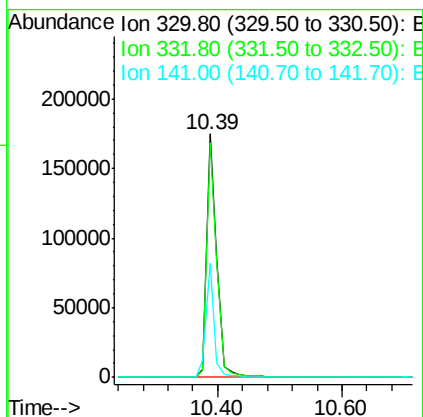
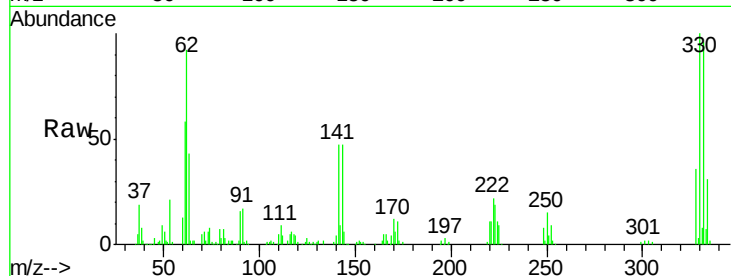




#41
 2,4,6-Tribromophenol
 Concen: 64.01 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF087186.D
 Acq: 19 May 2016 14:03

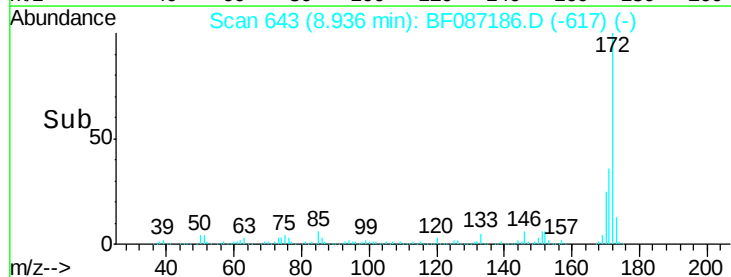
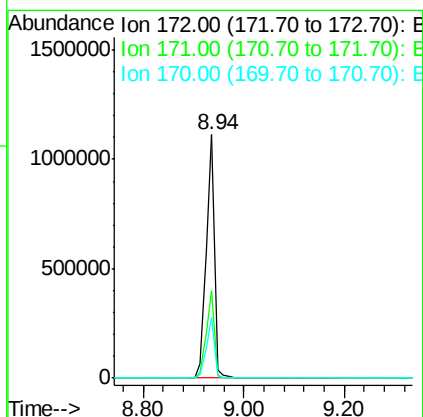
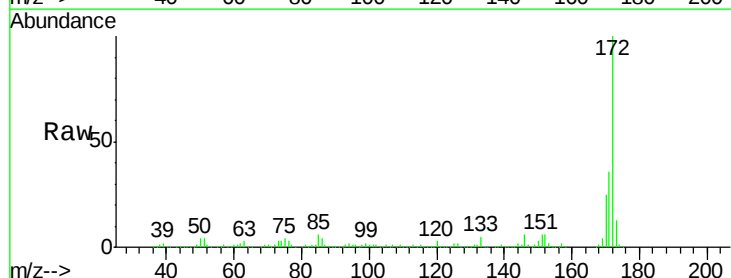
Instrument :
 BNA_F
 ClientSampleId :
 PB90666BL

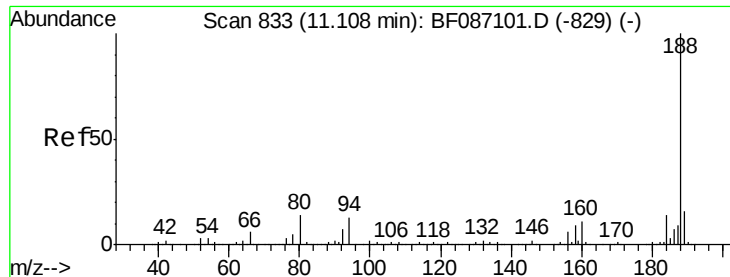
Tgt Ion:330 Resp: 197182
 Ion Ratio Lower Upper
 330 100
 332 96.1 79.0 118.4
 141 38.5 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 74.95 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF087186.D
 Acq: 19 May 2016 14:03

Tgt Ion:172 Resp: 1261626
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 24.7 19.8 29.8

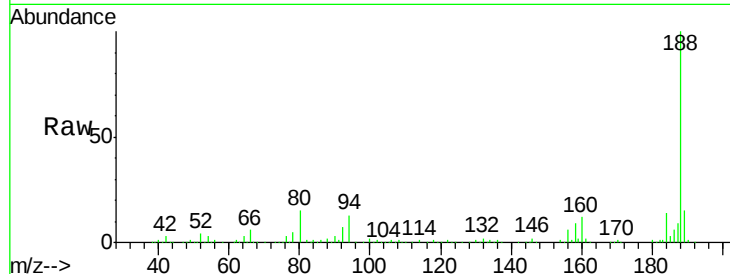




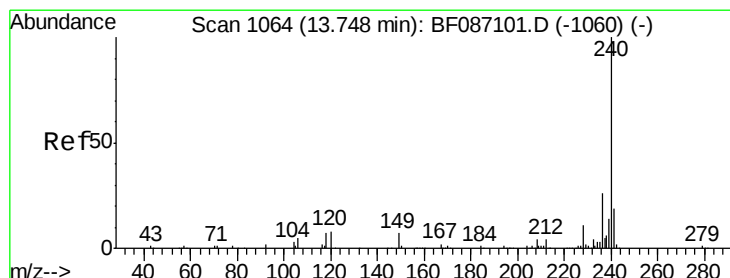
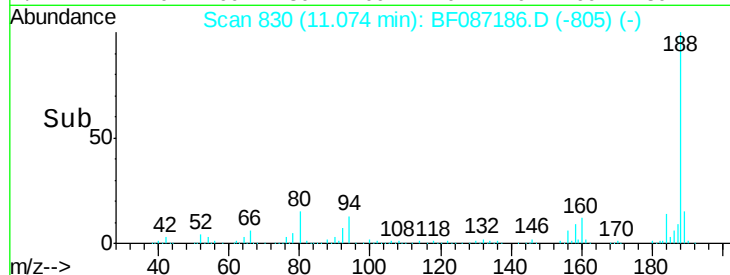
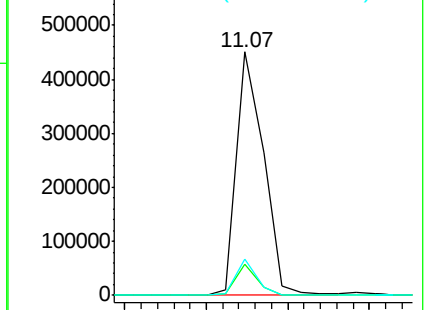
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF087186.D
Acq: 19 May 2016 14:03

Instrument :
BNA_F
ClientSampleId :
PB90666BL

Tgt Ion:188 Resp: 516283
Ion Ratio Lower Upper
188 100
94 12.8 6.8 10.2#
80 14.8 7.1 10.7#

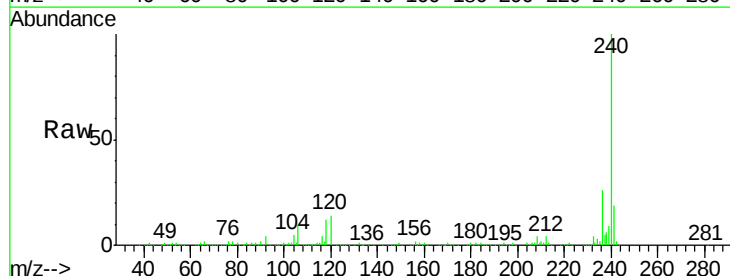


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

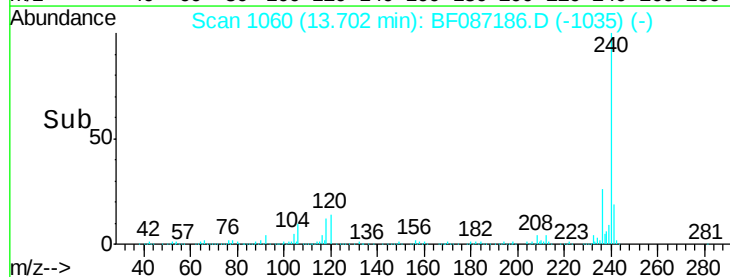
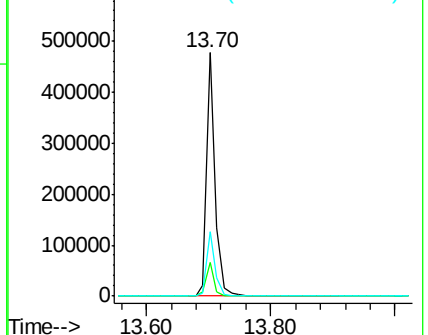


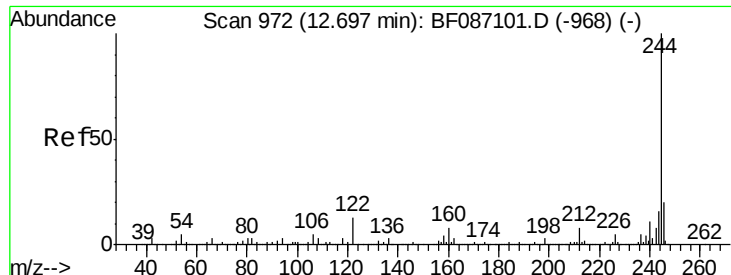
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF087186.D
Acq: 19 May 2016 14:03

Tgt Ion:240 Resp: 458501
Ion Ratio Lower Upper
240 100
120 13.6 11.2 16.8
236 26.3 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: 56.61 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF087186.D

Acq: 19 May 2016 14:03

Instrument :

BNA_F

ClientSampleId :

PB90666BL

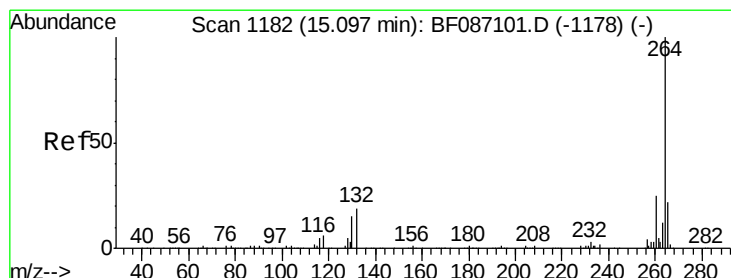
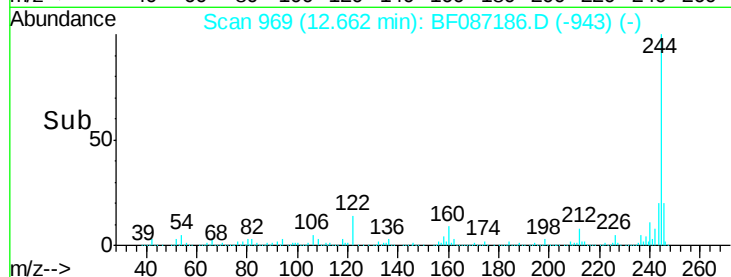
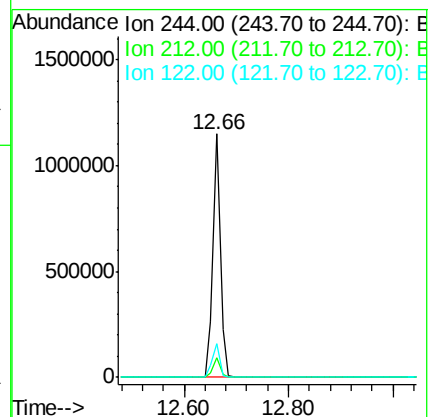
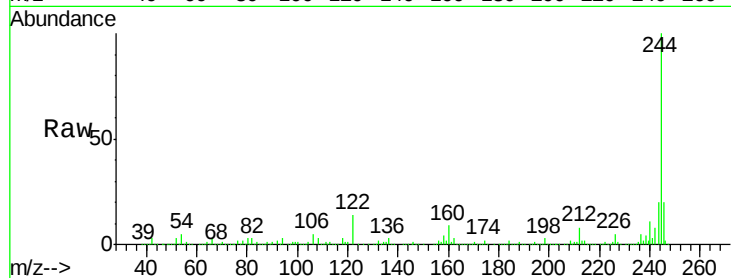
Tgt Ion:244 Resp: 1147475

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

122 13.7 12.0 18.0



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.05 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF087186.D

Acq: 19 May 2016 14:03

Tgt Ion:264 Resp: 370828

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

265 22.4 17.3 25.9

