

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011216\
 Data File : BF084436.D
 Acq On : 13 Jan 2016 3:47
 Operator : SJ/UM
 Sample : H1078-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P0-011

Quant Time: Jan 13 05:54:02 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	272517	20.00	ng	-0.06
21) Naphthalene-d8	8.12	136	1049977	20.00	ng	-0.07
38) Acenaphthene-d10	9.88	164	515307	20.00	ng	-0.07
63) Phenanthrene-d10	11.37	188	905637	20.00	ng	-0.06
75) Chrysene-d12	14.00	240	576653	20.00	ng	-0.07
86) Perylene-d12	15.43	264	486997	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1000883	59.41	ng	-0.04
7) Phenol-d6	6.48	99	771204	36.45	ng	-0.06
23) Nitrobenzene-d5	7.40	82	1592433	84.41	ng	-0.07
41) 2,4,6-Tribromophenol	10.67	330	533743	102.59	ng	-0.07
44) 2-Fluorobiphenyl	9.21	172	2439180	83.13	ng	-0.06
78) Terphenyl-d14	12.96	244	1992067	77.11	ng	-0.06

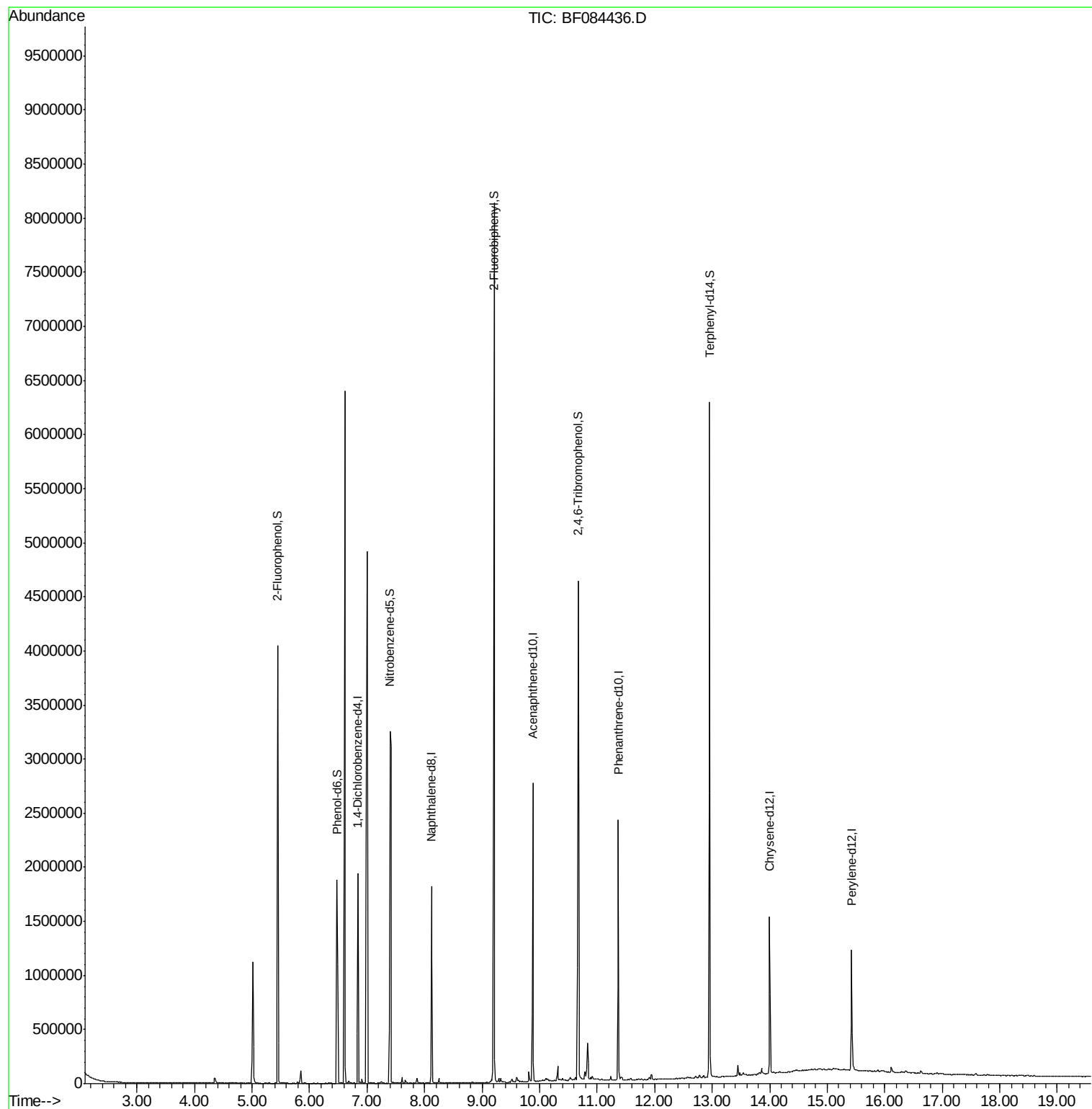
Target Compounds Qvalue

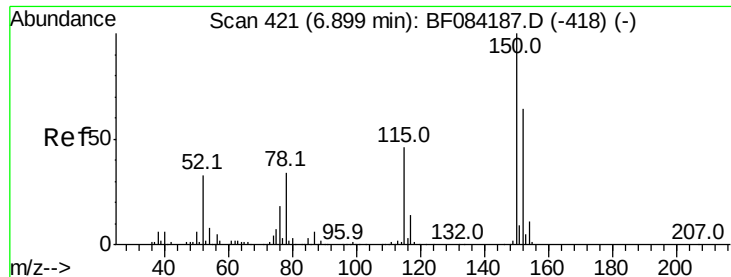
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.06 min

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Acq: 13 Jan 2016 3:47

Instrument :

BNA_F

ClientSampleId :

P0-011

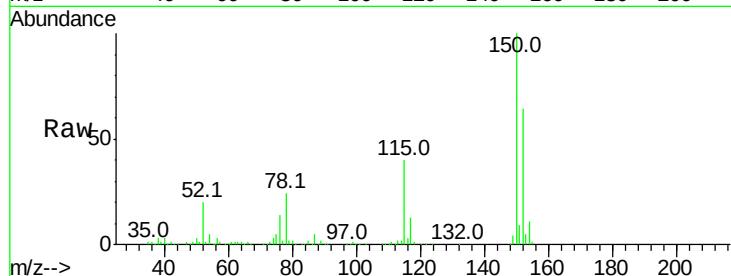
Tot Ion:152 Resp: 272517

Ion Ratio Lower Upper

152 100

150 156.3 123.0 184.4

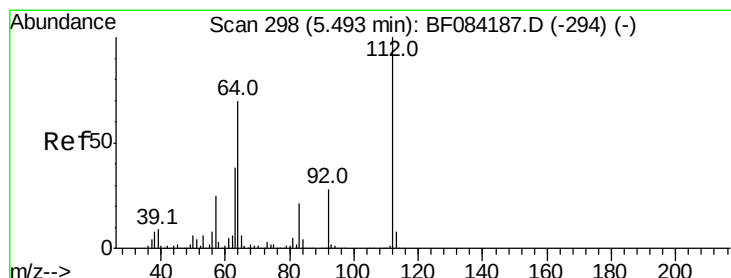
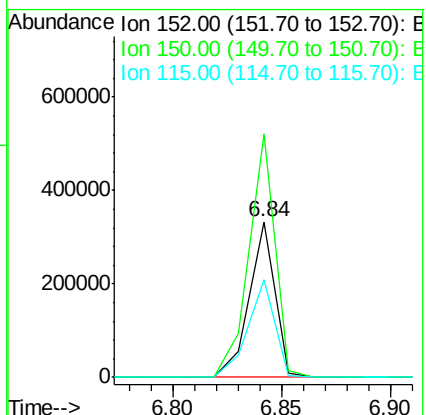
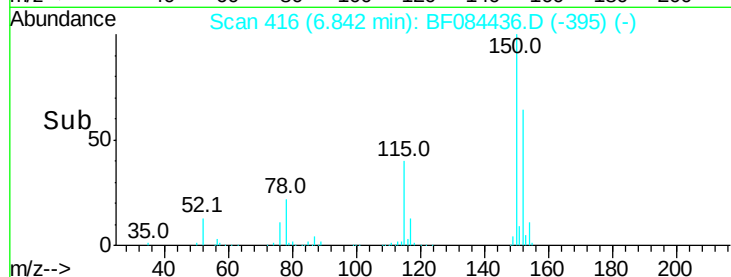
115 62.4 51.4 77.2



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: 59.41 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.04 min

Lab File: BF084436.D

Acq: 13 Jan 2016 3:47

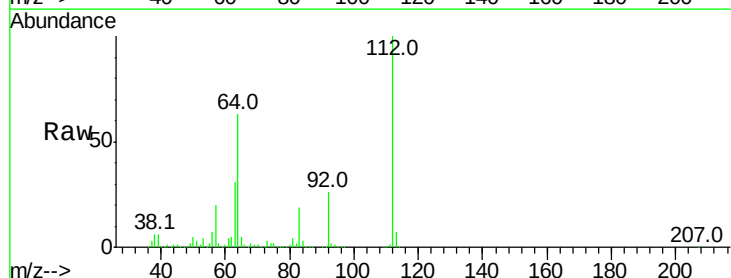
Tgt Ion:112 Resp: 1000883

Ion Ratio Lower Upper

112 100

64 62.7 36.6 55.0#

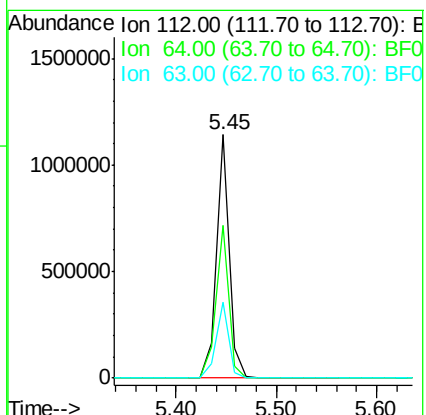
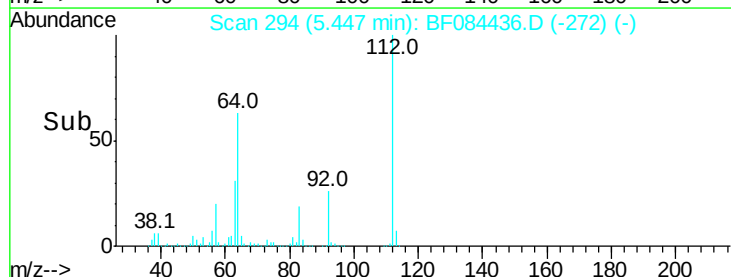
63 31.3 19.4 29.0#

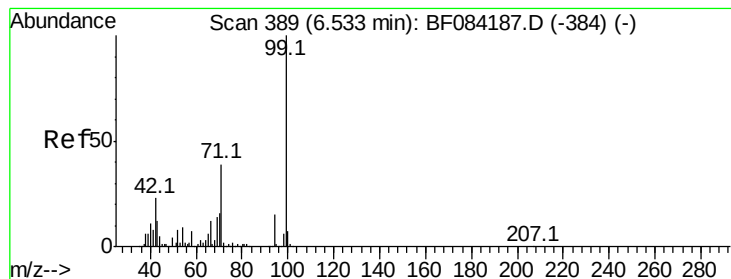


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.45 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.06 min

Lab File: BF084436.D

Acq: 13 Jan 2016 3:47

Instrument :

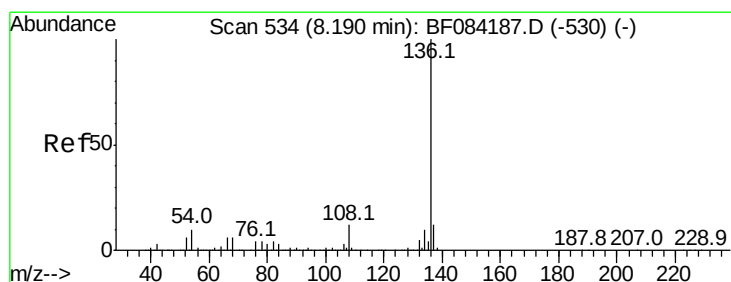
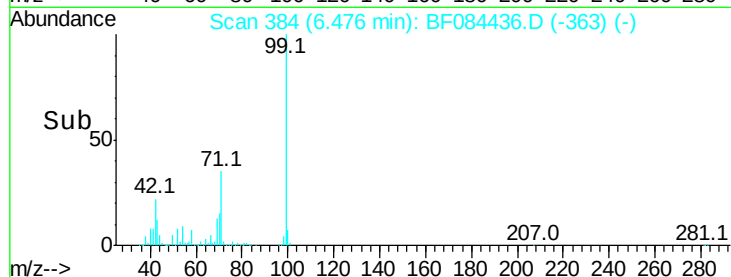
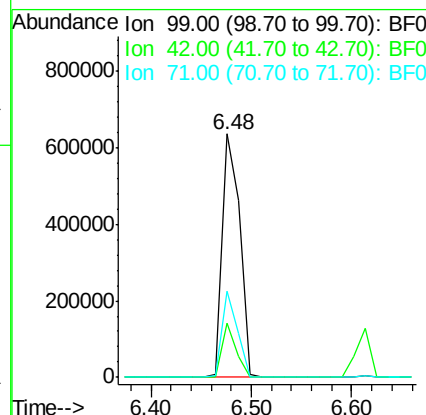
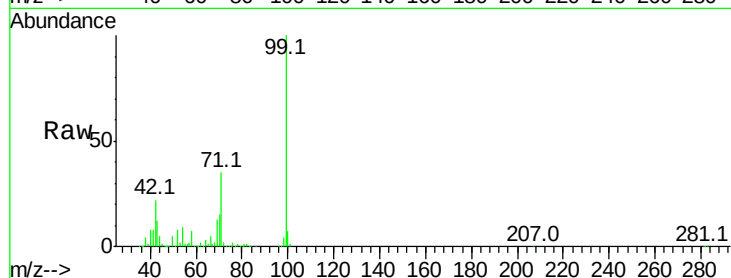
BNA_F

ClientSampleId :

P0-011

Tot Ion: 99 Resp: 771204

Ion	Ratio	Lower	Upper
99	100		
42	22.3	12.8	19.2#
71	35.2	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

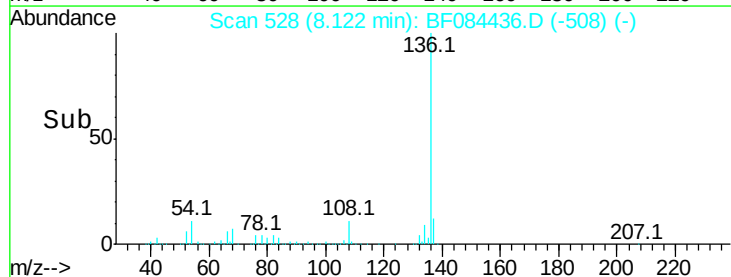
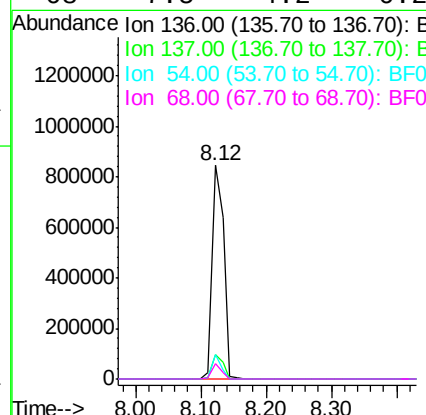
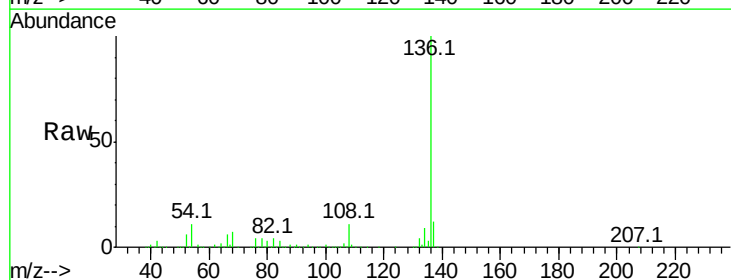
Delta R.T. -0.07 min

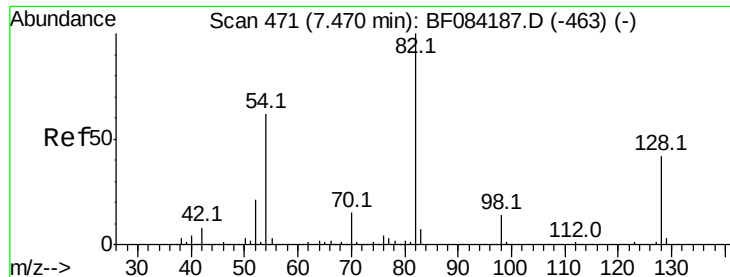
Lab File: BF084436.D

Acq: 13 Jan 2016 3:47

Tgt Ion: 136 Resp: 1049977

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	11.5	5.8	8.8#
68	7.5	4.2	6.2#

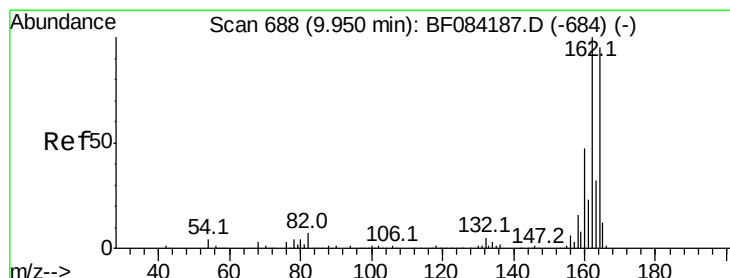
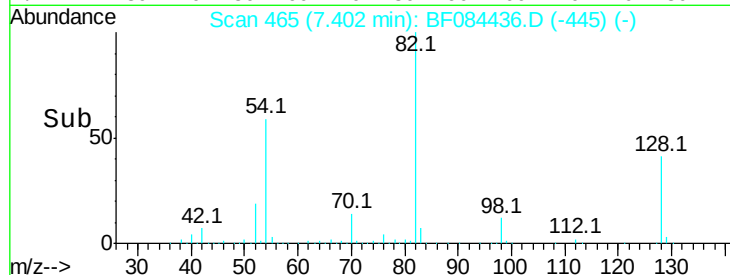
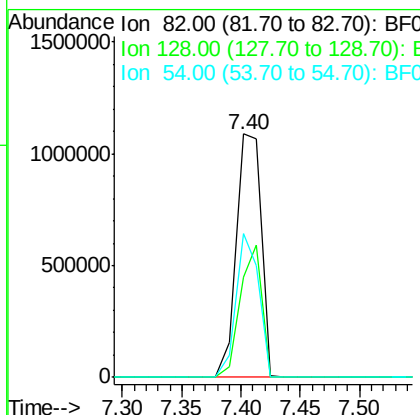
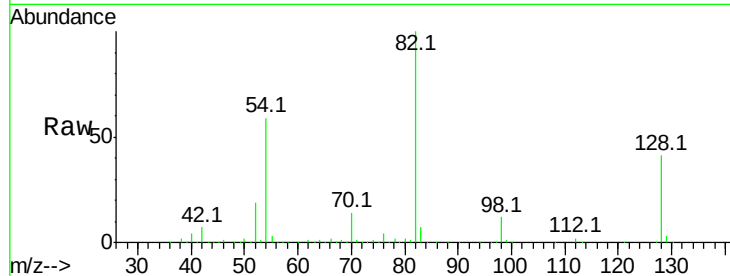




#23
Nitrobenzene-d5
Concen: 84.41 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.07 min
Lab File: BF084436.D
Acq: 13 Jan 2016 3:47

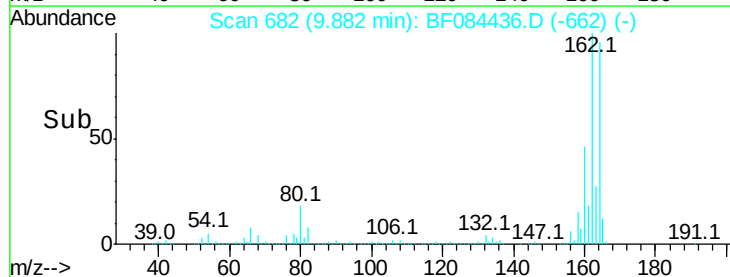
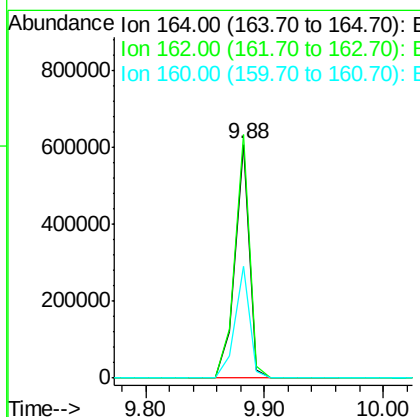
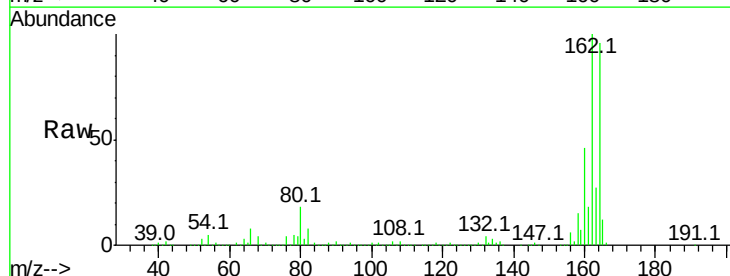
Instrument :
BNA_F
ClientSampled :
P0-011

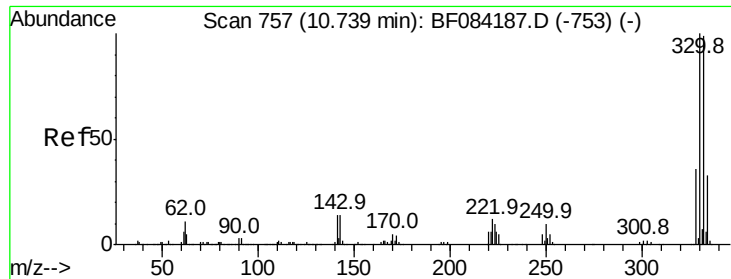
Tot Ion: 82 Resp: 1592433
Ion Ratio Lower Upper
82 100
128 41.4 34.6 51.8
54 59.2 38.4 57.6#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.07 min
Lab File: BF084436.D
Acq: 13 Jan 2016 3:47

Tgt Ion:164 Resp: 515307
Ion Ratio Lower Upper
164 100
162 104.2 85.1 127.7
160 47.6 37.5 56.3

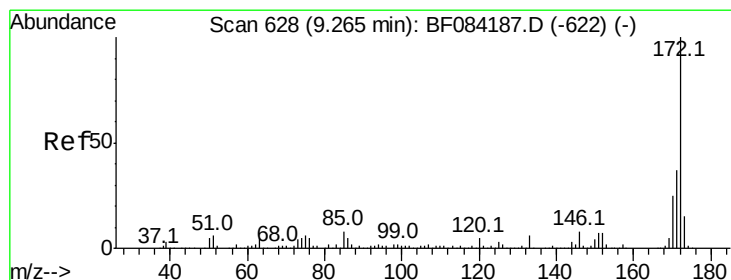
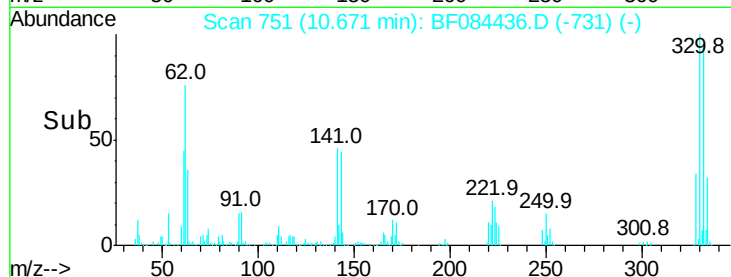
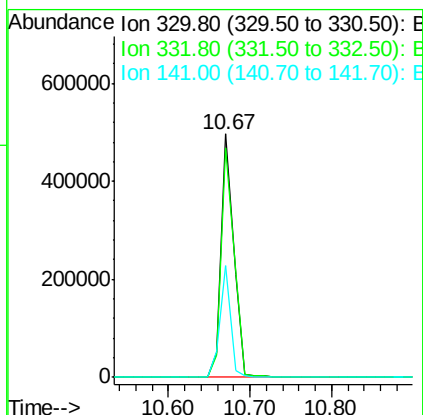
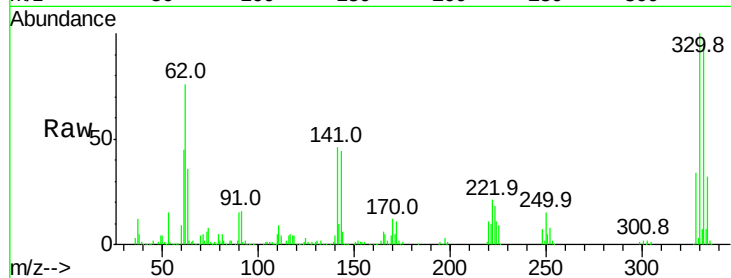




#41
 2,4,6-Tribromophenol
 Concen: 102.59 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.07 min
 Lab File: BF084436.D
 Acq: 13 Jan 2016 3:47

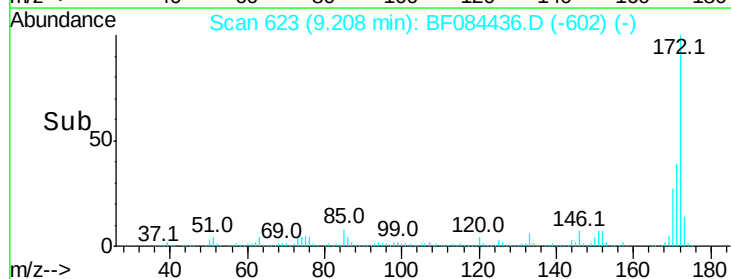
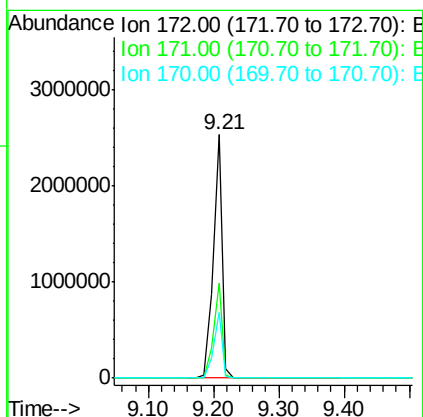
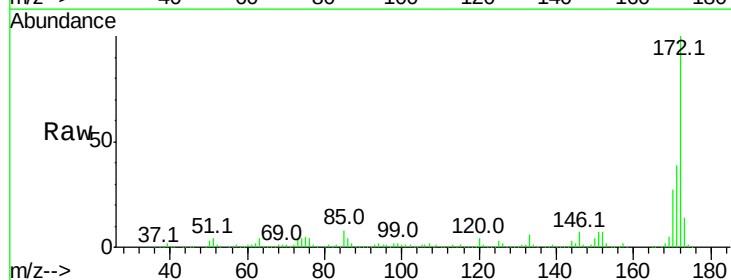
Instrument :
 BNA_F
 ClientSampleId :
 P0-011

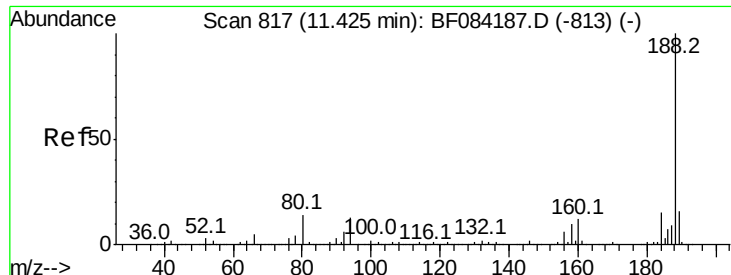
Tot Ion:330 Resp: 533743
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 114.8
 141 39.1 27.8 41.6



#44
 2-Fluorobiphenyl
 Concen: 83.13 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.06 min
 Lab File: BF084436.D
 Acq: 13 Jan 2016 3:47

Tgt Ion:172 Resp: 2439180
 Ion Ratio Lower Upper
 172 100
 171 38.8 28.9 43.3
 170 26.9 18.6 27.8

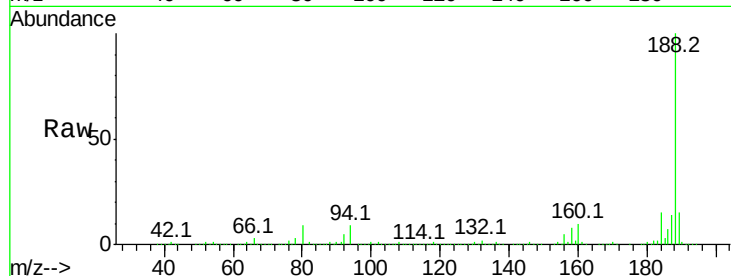




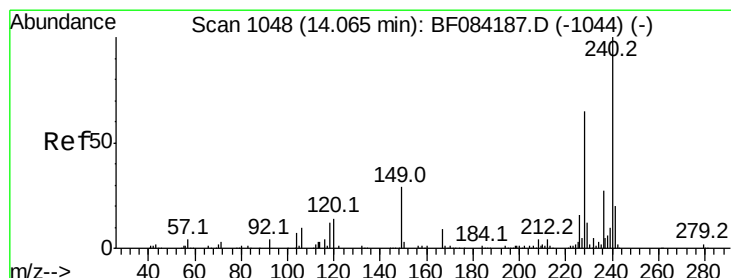
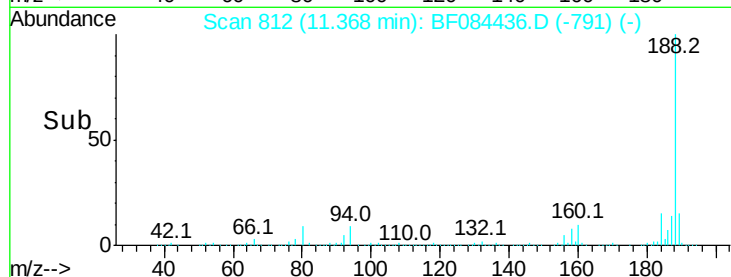
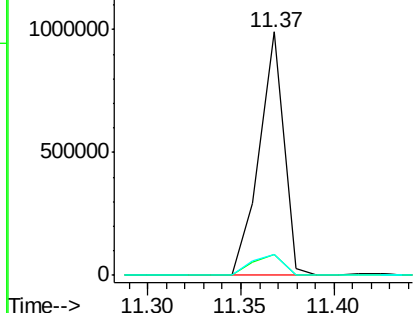
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.06 min
Lab File: BF084436.D
Acq: 13 Jan 2016 3:47

Instrument :
BNA_F
ClientSampled :
P0-011

Tot Ion:188 Resp: 905637
Ion Ratio Lower Upper
188 100
94 8.8 9.0 13.4#
80 8.7 9.6 14.4#

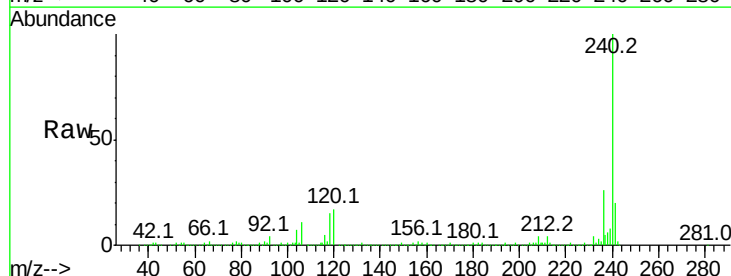


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

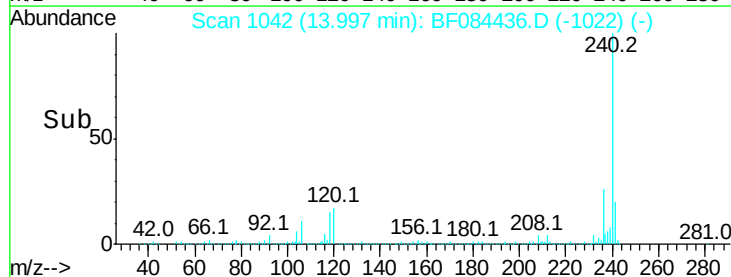
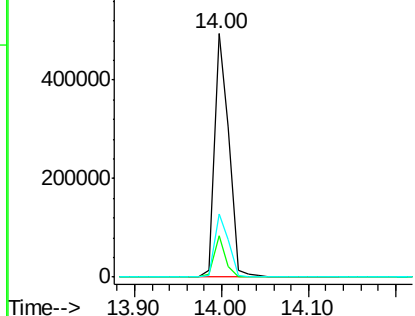


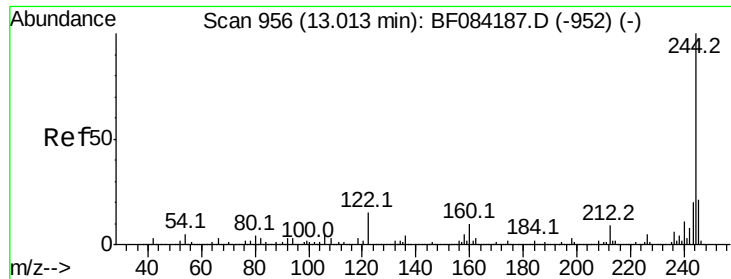
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.07 min
Lab File: BF084436.D
Acq: 13 Jan 2016 3:47

Tgt Ion:240 Resp: 576653
Ion Ratio Lower Upper
240 100
120 16.9 9.5 14.3#
236 25.7 20.6 31.0



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

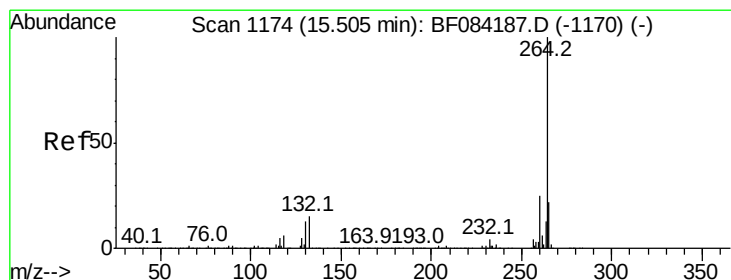
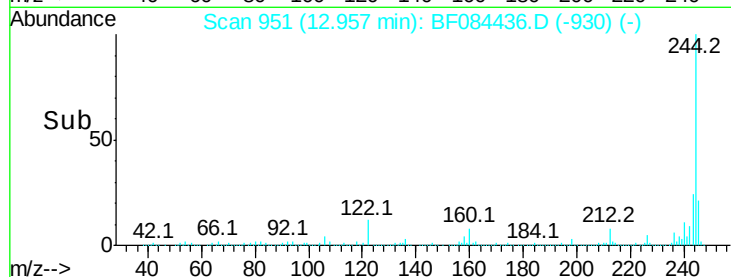
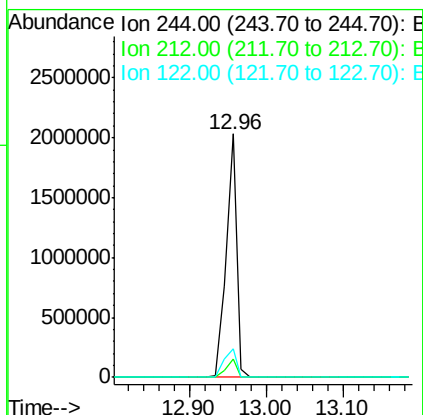
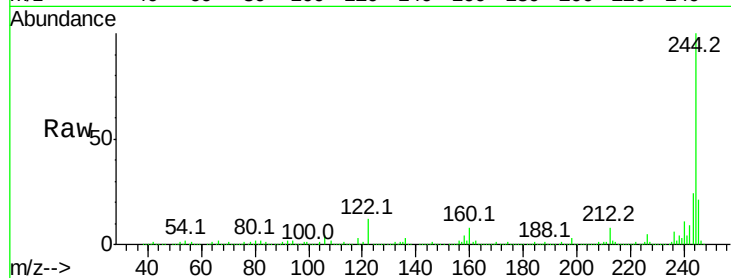




#78
 Terphenyl-d14
 Concen: 77.11 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.06 min
 Lab File: BF084436.D
 Acq: 13 Jan 2016 3:47

Instrument :
 BNA_F
 ClientSampled :
 P0-011

Tot Ion:244 Resp: 1992067
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.7 8.5
 122 12.0 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.08 min
 Lab File: BF084436.D
 Acq: 13 Jan 2016 3:47

Tgt Ion:264 Resp: 486997
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 21.9 17.8 26.6

