

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
 Data File : BF084455.D
 Acq On : 13 Jan 2016 21:36
 Operator : SJ/UM
 Sample : PB87806TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87806TB

Quant Time: Jan 14 15:15:05 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	254720	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1020976	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	487909	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	924686	20.00	ng	0.00
75) Chrysene-d12	13.99	240	713661	20.00	ng	-0.01
86) Perylene-d12	15.40	264	474726	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1718315	109.11	ng	0.01
7) Phenol-d6	6.48	99	2028419	102.56	ng	0.00
23) Nitrobenzene-d5	7.40	82	1582023	86.24	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	528521	107.30	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	2264290	81.37	ng	0.00
78) Terphenyl-d14	12.95	244	2247998	70.31	ng	0.00

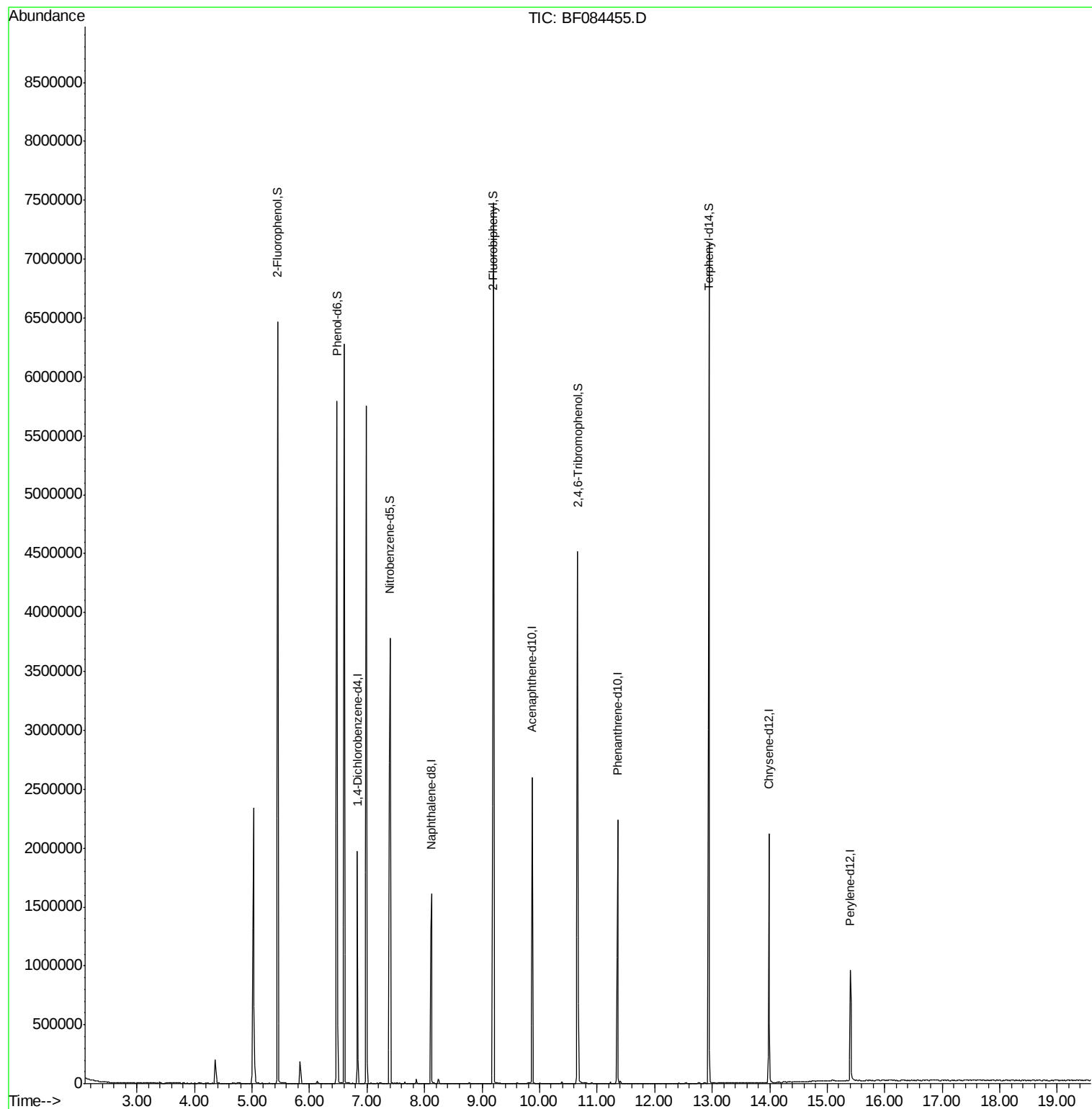
Target Compounds Qvalue

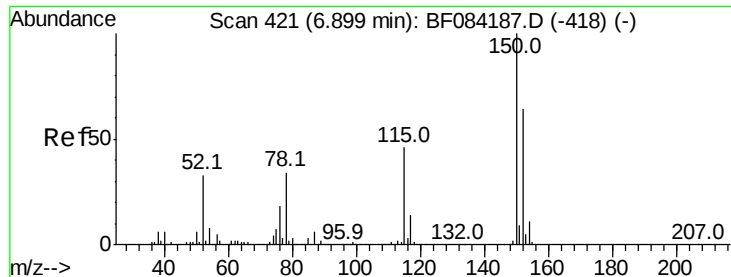
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084455.D
Acq On : 13 Jan 2016 21:36
Operator : SJ/UM
Sample : PB87806TB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87806TB

Quant Time: Jan 14 15:15:05 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF084455.D

Acq: 13 Jan 2016 21:36

Instrument :

BNA_F

ClientSampleId :

PB87806TB

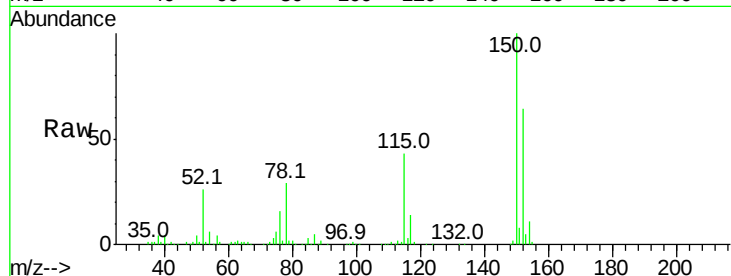
Tot Ion:152 Resp: 254720

Ion Ratio Lower Upper

152 100

150 157.3 123.0 184.4

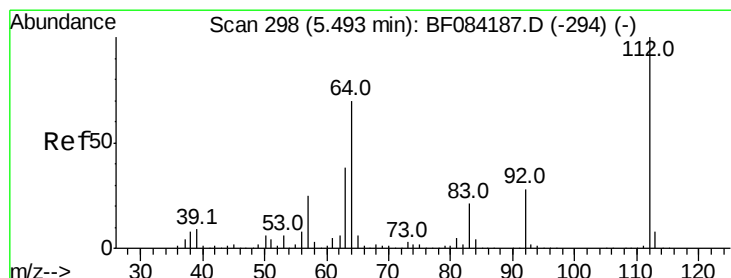
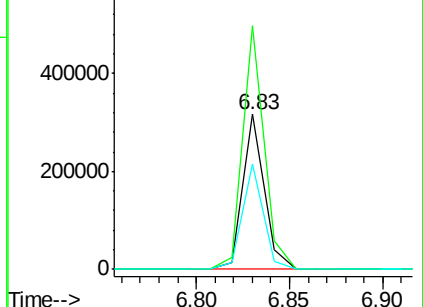
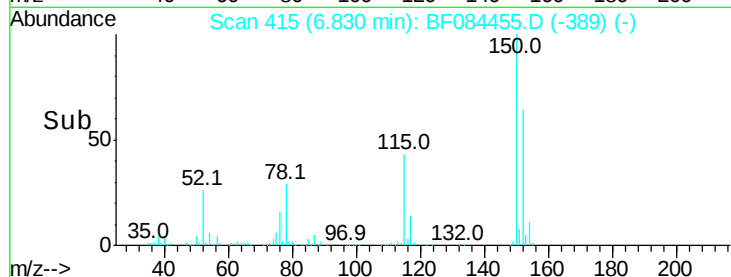
115 68.0 51.4 77.2



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: 109.11 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF084455.D

Acq: 13 Jan 2016 21:36

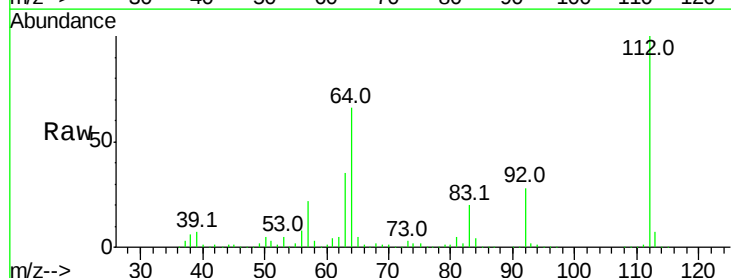
Tgt Ion:112 Resp: 1718315

Ion Ratio Lower Upper

112 100

64 65.8 36.6 55.0#

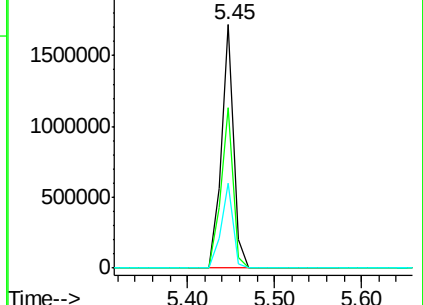
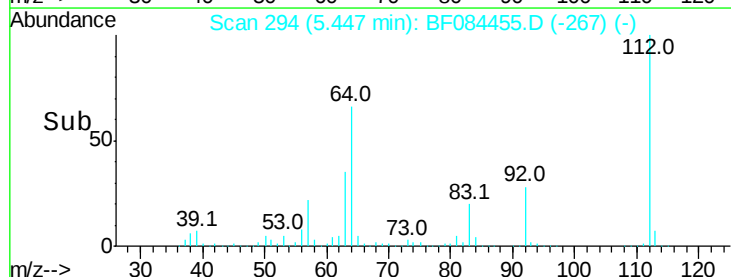
63 34.7 19.4 29.0#

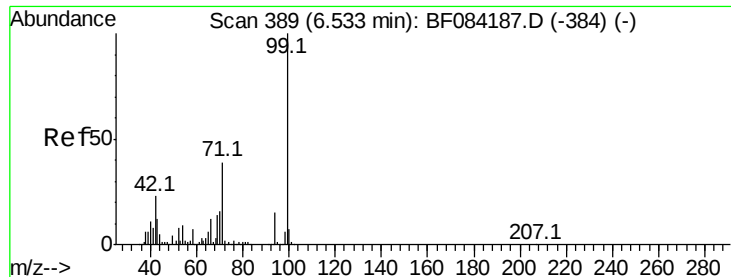


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 102.56 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF084455.D

Acq: 13 Jan 2016 21:36

Instrument :

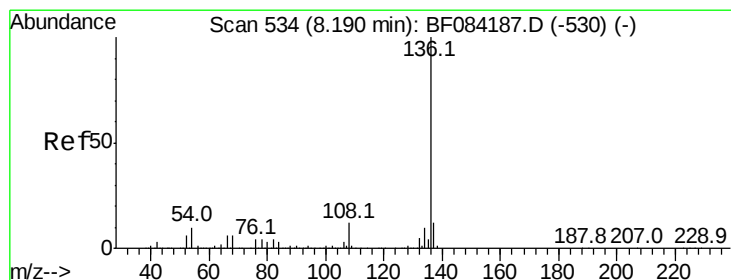
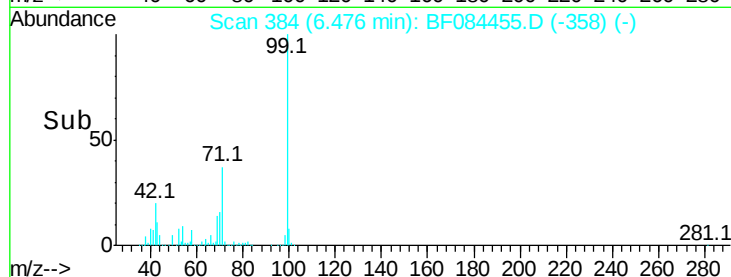
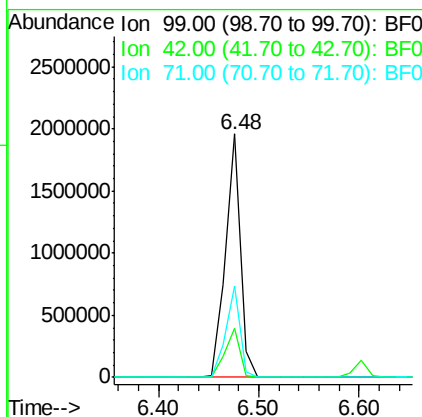
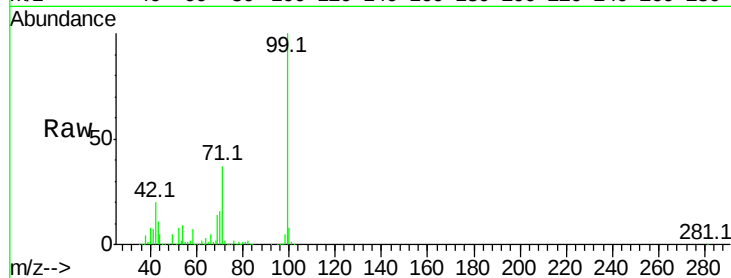
BNA_F

ClientSampleId :

PB87806TB

Tot Ion: 99 Resp: 2028419

Ion	Ratio	Lower	Upper
99	100		
42	20.4	12.8	19.2#
71	37.4	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

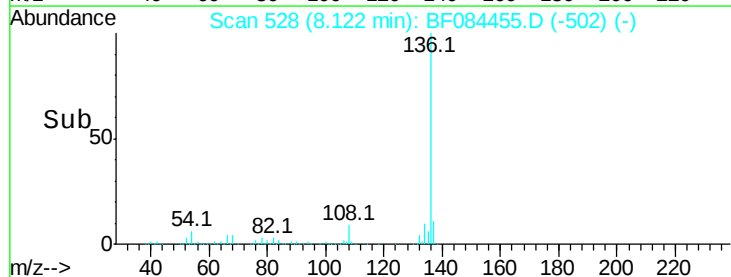
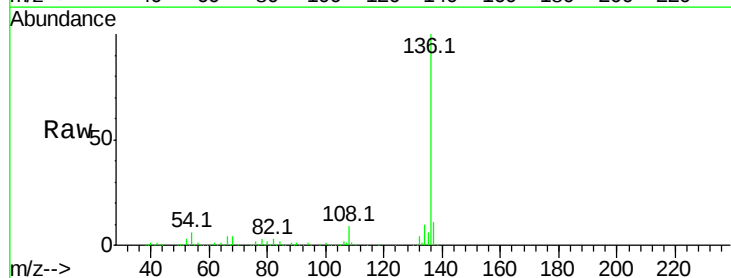
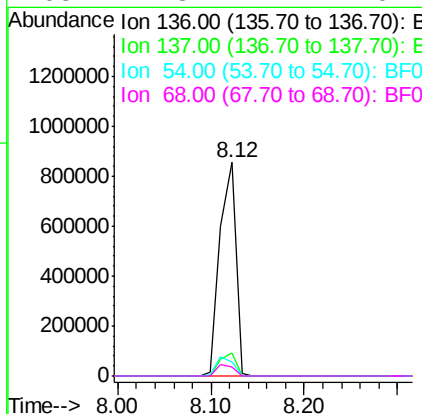
Delta R.T. 0.00 min

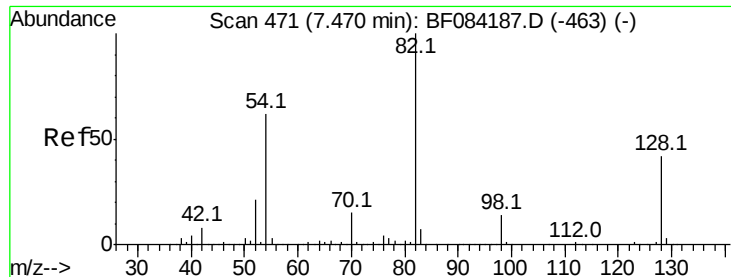
Lab File: BF084455.D

Acq: 13 Jan 2016 21:36

Tgt Ion: 136 Resp: 1020976

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.5	5.8	8.8
68	4.3	4.2	6.2





#23

Nitrobenzene-d5

Concen: 86.24 ng

RT: 7.40 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF084455.D

Acq: 13 Jan 2016 21:36

Instrument :

BNA_F

ClientSampleId :

PB87806TB

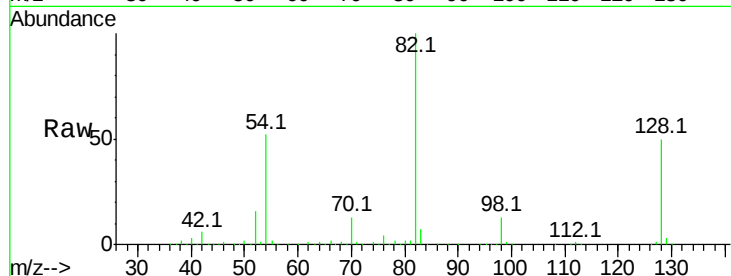
Tot Ion: 82 Resp: 1582023

Ion Ratio Lower Upper

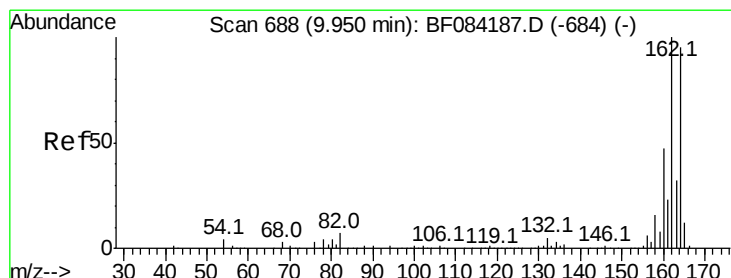
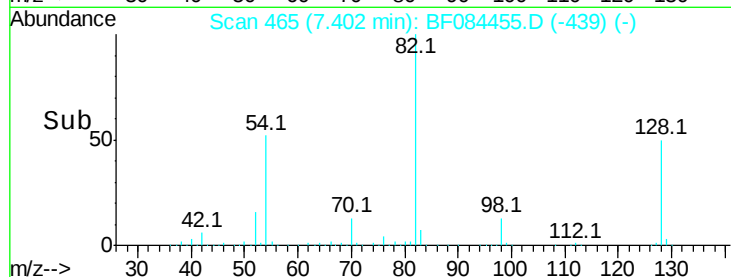
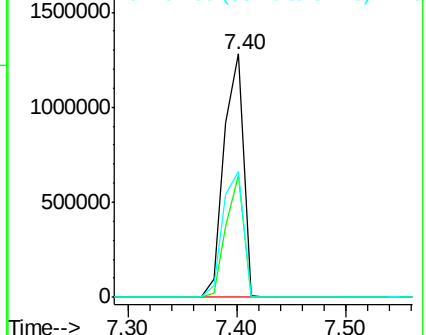
82 100

128 50.3 34.6 51.8

54 51.7 38.4 57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF084455.D

Acq: 13 Jan 2016 21:36

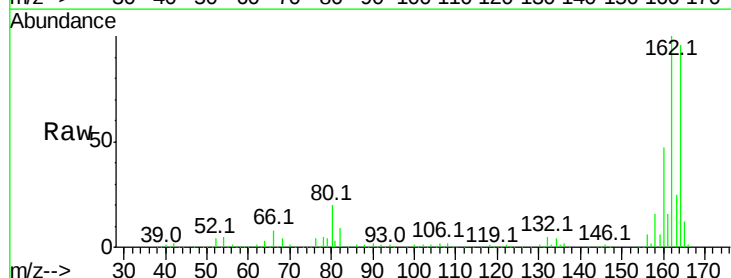
Tgt Ion:164 Resp: 487909

Ion Ratio Lower Upper

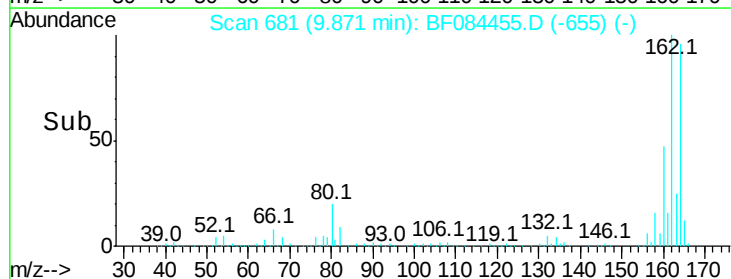
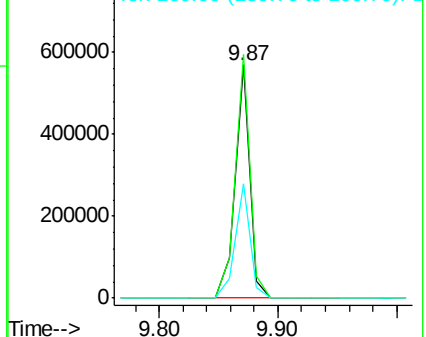
164 100

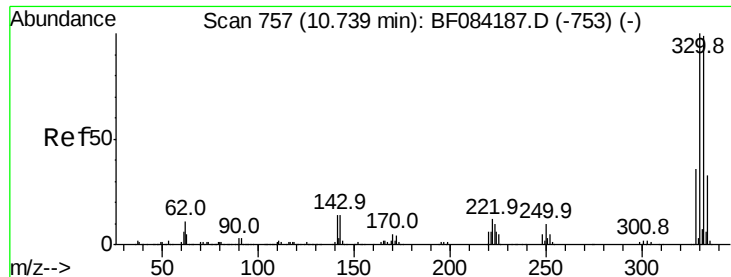
162 104.5 85.1 127.7

160 48.9 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

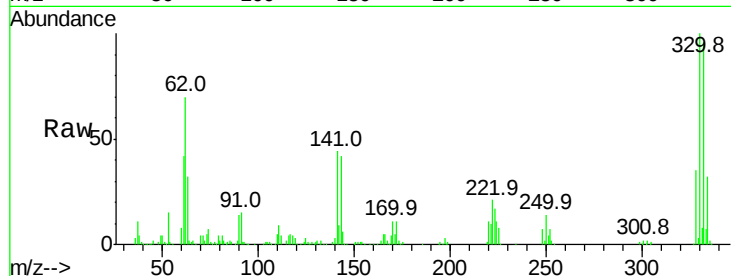




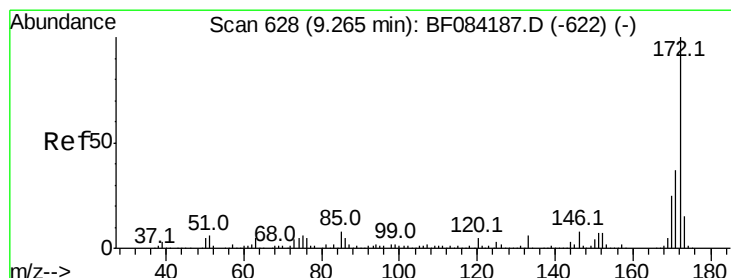
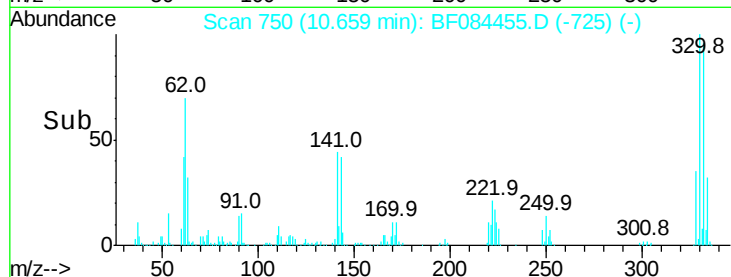
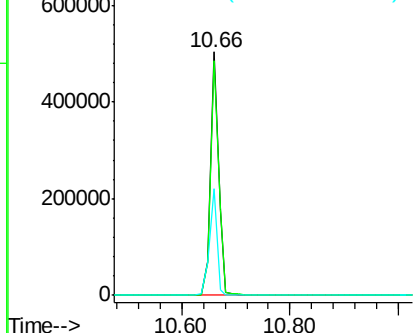
#41
 2,4,6-Tribromophenol
 Concen: 107.30 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF084455.D
 Acq: 13 Jan 2016 21:36

Instrument :
 BNA_F
 ClientSampleId :
 PB87806TB

Tot Ion:330 Resp: 528521
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 114.8
 141 39.7 27.8 41.6

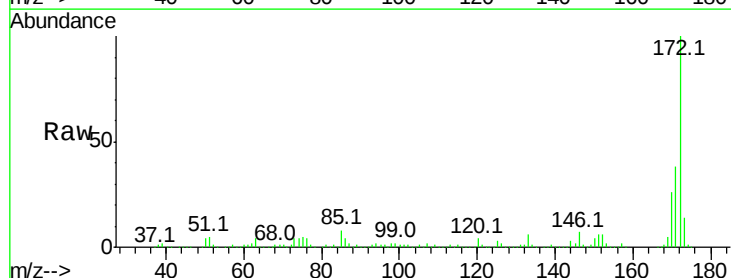


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

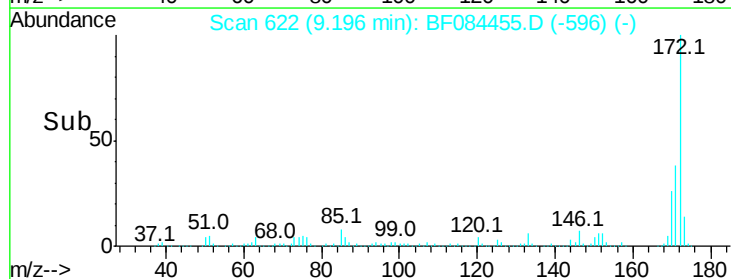
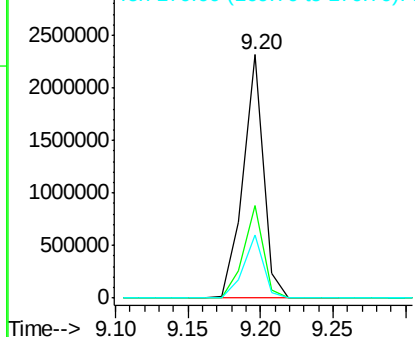


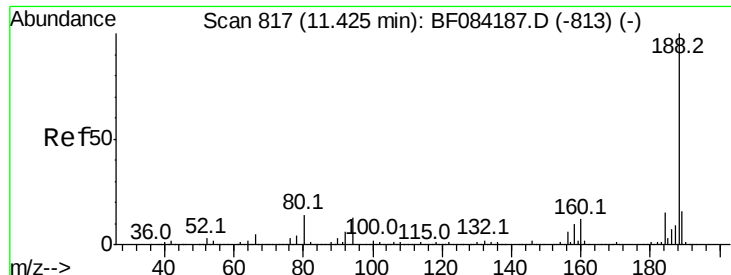
#44
 2-Fluorobiphenyl
 Concen: 81.37 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084455.D
 Acq: 13 Jan 2016 21:36

Tgt Ion:172 Resp: 2264290
 Ion Ratio Lower Upper
 172 100
 171 38.1 28.9 43.3
 170 25.9 18.6 27.8



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

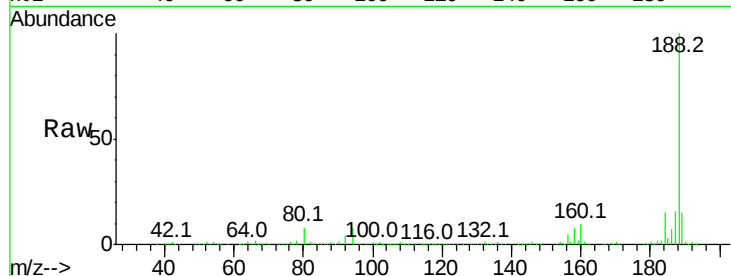




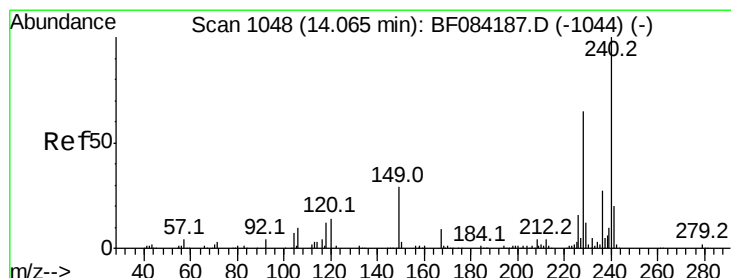
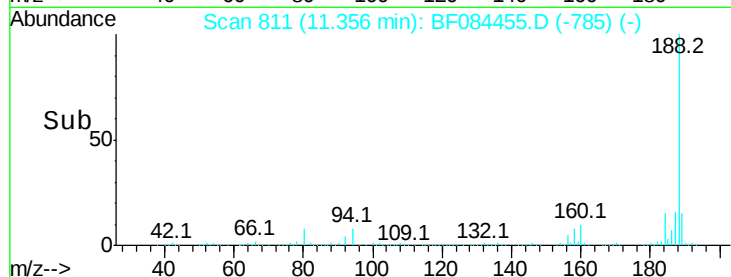
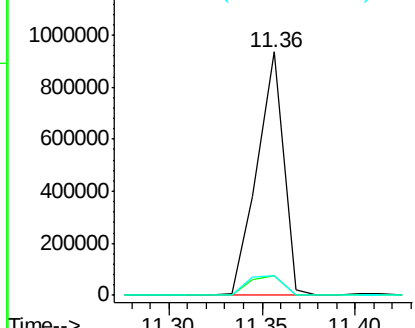
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF084455.D
Acq: 13 Jan 2016 21:36

Instrument :
BNA_F
ClientSampleId :
PB87806TB

Tot Ion:188 Resp: 924686
Ion Ratio Lower Upper
188 100
94 7.8 9.0 13.4#
80 7.8 9.6 14.4#

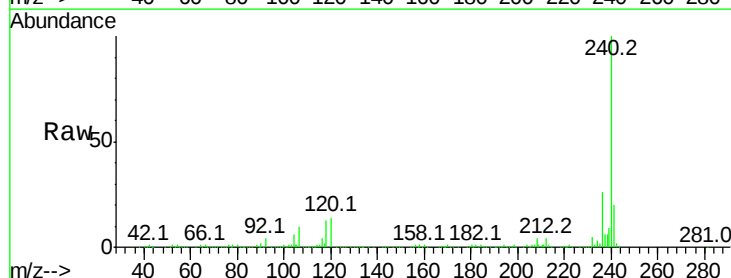


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

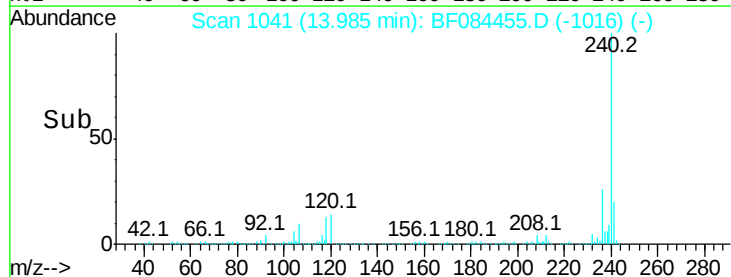
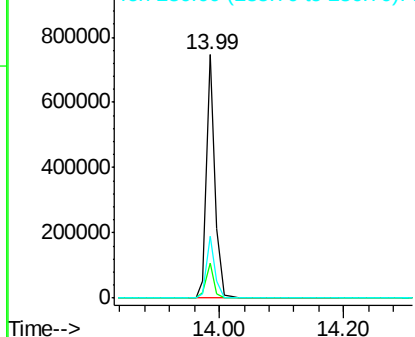


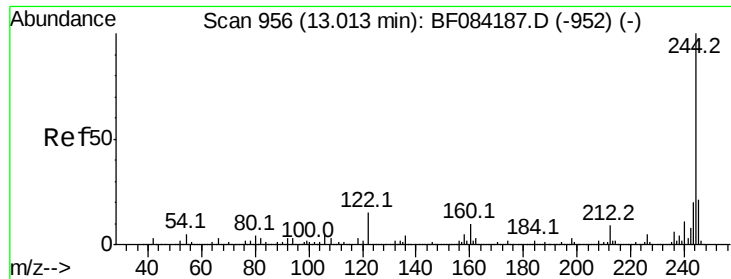
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084455.D
Acq: 13 Jan 2016 21:36

Tgt Ion:240 Resp: 713661
Ion Ratio Lower Upper
240 100
120 14.4 9.5 14.3#
236 25.6 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

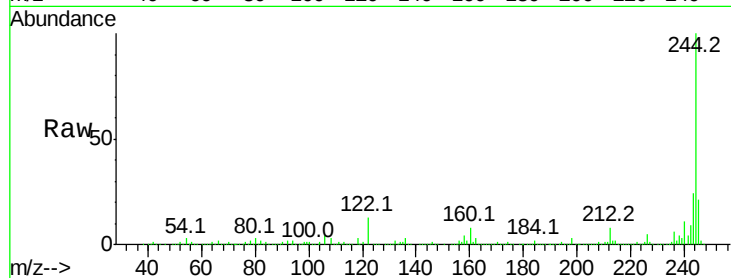




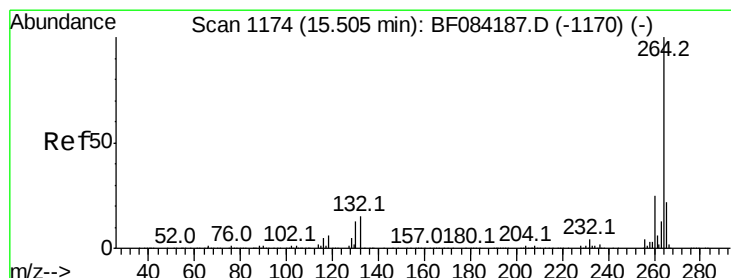
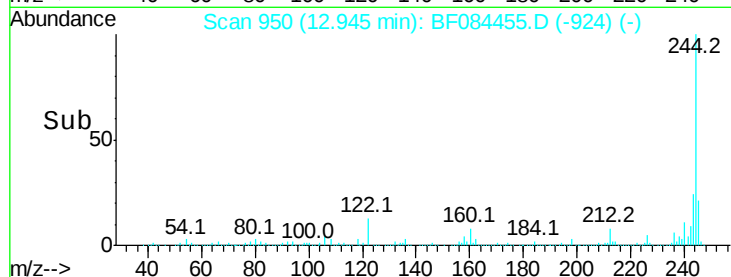
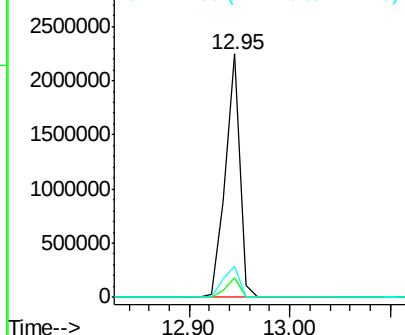
#78
 Terphenyl-d14
 Concen: 70.31 ng
 RT: 12.95 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF084455.D
 Acq: 13 Jan 2016 21:36

Instrument :
 BNA_F
 ClientSampleId :
 PB87806TB

Tot Ion:244 Resp: 2247998
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.7 8.5
 122 12.9 7.4 11.0#

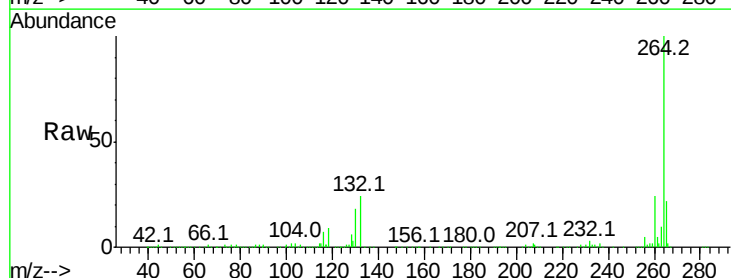


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF084455.D
 Acq: 13 Jan 2016 21:36

Tgt Ion:264 Resp: 474726
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 22.2 17.8 26.6



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

