

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
 Data File : BF084256.D
 Acq On : 5 Jan 2016 00:51
 Operator : UM/SJ
 Sample : PB87631TB
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87631TB

Quant Time: Jan 05 04:05:20 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	6.89	152	285274	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1162736	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	519164	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	926921	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	613216	20.00	ng	-0.01
86) Perylene-d12	15.49	264	559879	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	2122523	120.34	ng	0.02
7) Phenol-d6	6.53	99	2504205	113.05	ng	0.00
23) Nitrobenzene-d5	7.45	82	1629700	78.01	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	597079	113.92	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	2523778	85.56	ng	-0.01
78) Terphenyl-d14	13.00	244	1905655	69.37	ng	-0.01

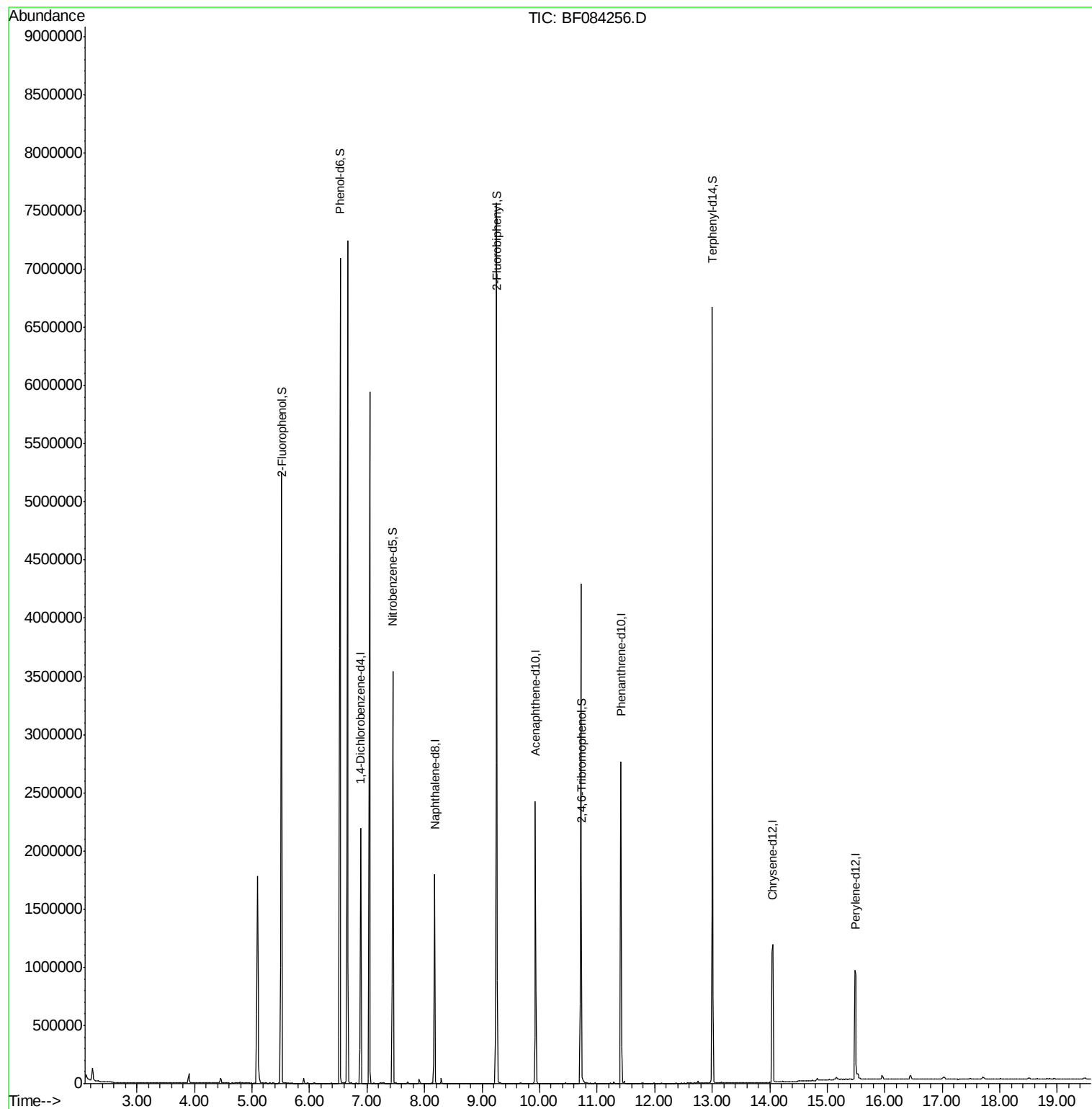
Target Compounds Qvalue

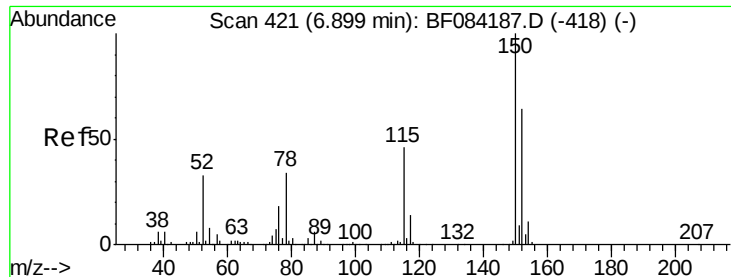
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 04 12:22:40 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

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Acq: 5 Jan 2016 00:51

Instrument :

BNA_F

ClientSampleId :

PB87631TB

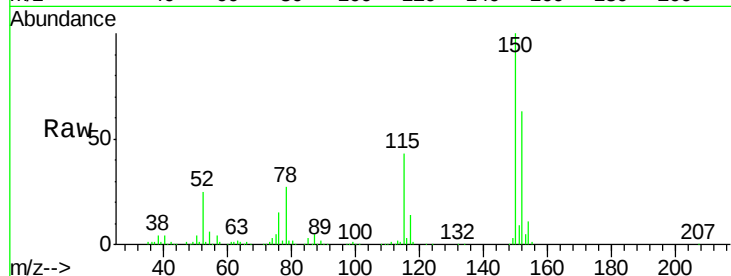
Tot Ion:152 Resp: 285274

Ion Ratio Lower Upper

152 100

150 157.5 123.0 184.4

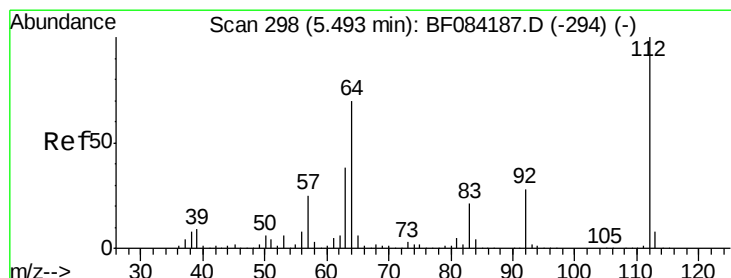
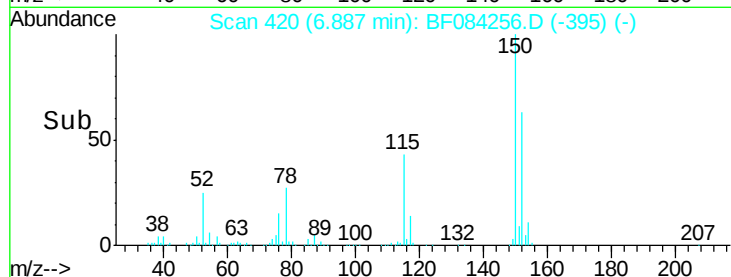
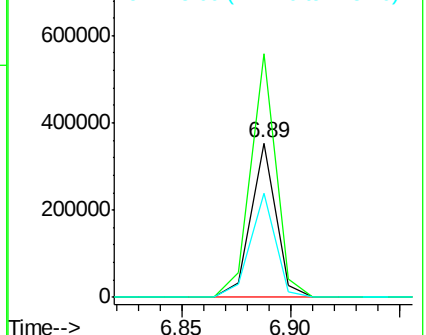
115 67.5 51.4 77.2



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: 120.34 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.02 min

Lab File: BF084256.D

Acq: 5 Jan 2016 00:51

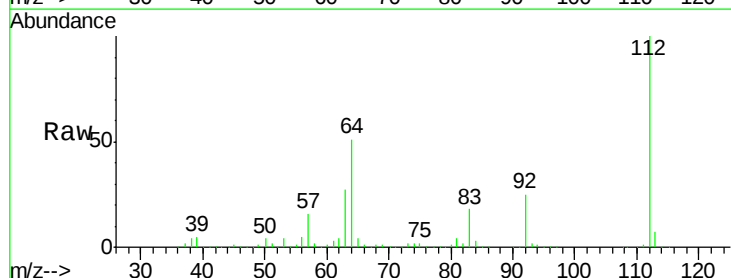
Tgt Ion:112 Resp: 2122523

Ion Ratio Lower Upper

112 100

64 50.7 36.6 55.0

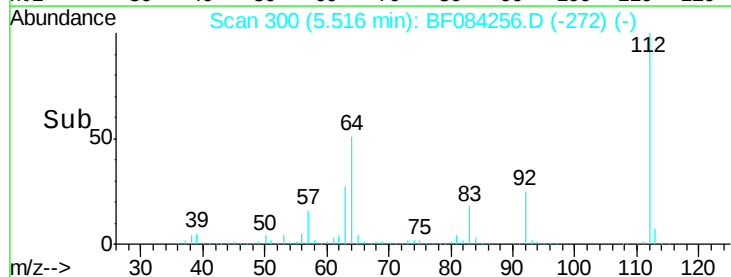
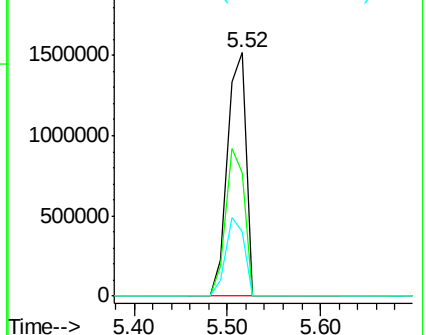
63 26.7 19.4 29.0

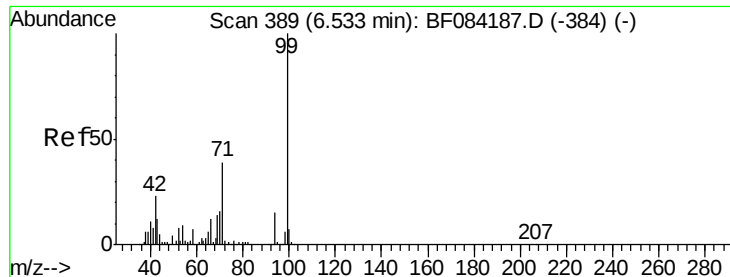


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.05 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084256.D

Acq: 5 Jan 2016 00:51

Instrument :

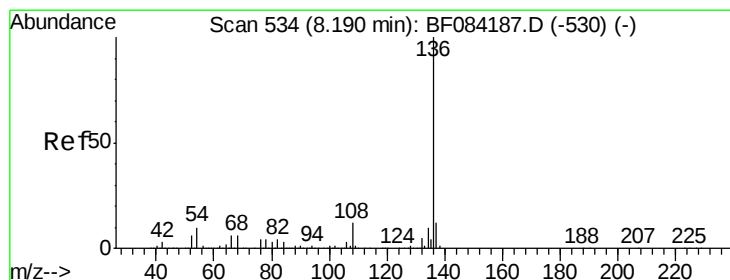
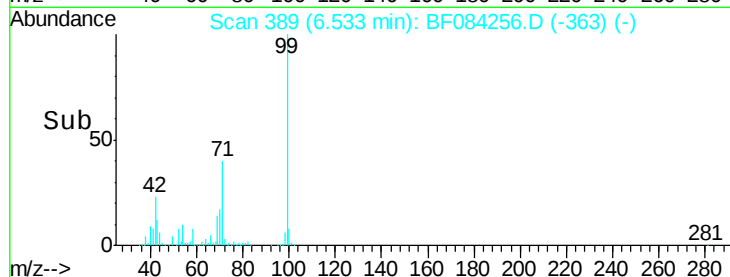
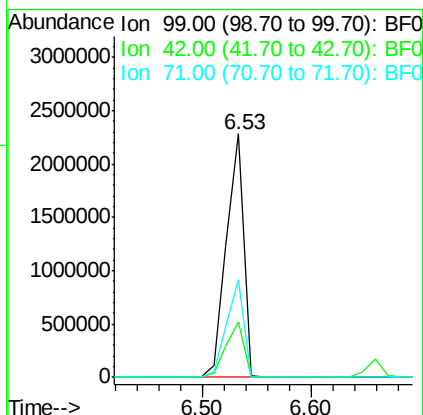
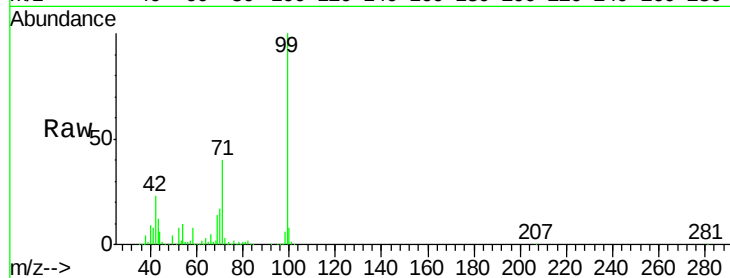
BNA_F

ClientSampleId :

PB87631TB

Tot Ion: 99 Resp: 2504205

Ion	Ratio	Lower	Upper
99	100		
42	23.0	12.8	19.2#
71	40.1	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

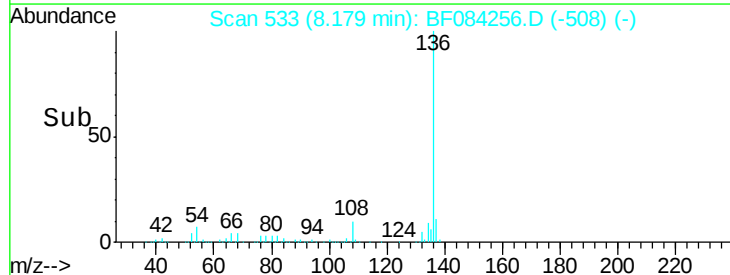
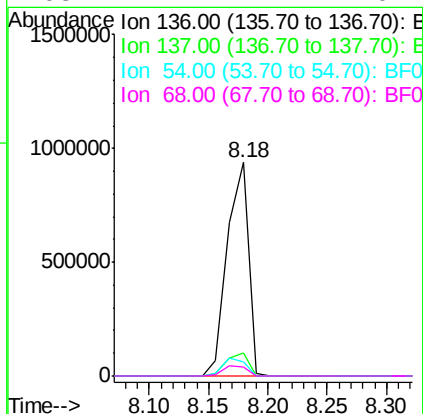
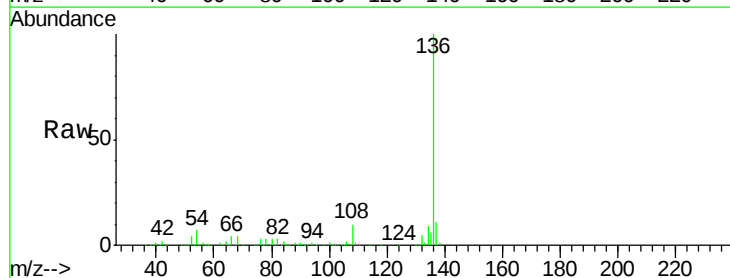
Delta R.T. -0.01 min

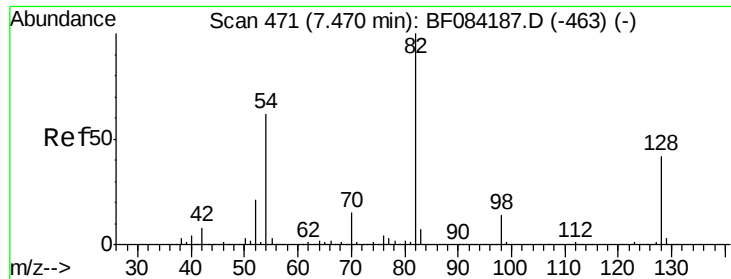
Lab File: BF084256.D

Acq: 5 Jan 2016 00:51

Tgt Ion: 136 Resp: 1162736

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	6.7	5.8	8.8
68	4.4	4.2	6.2

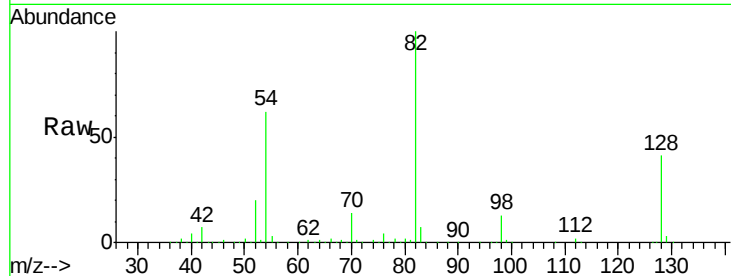




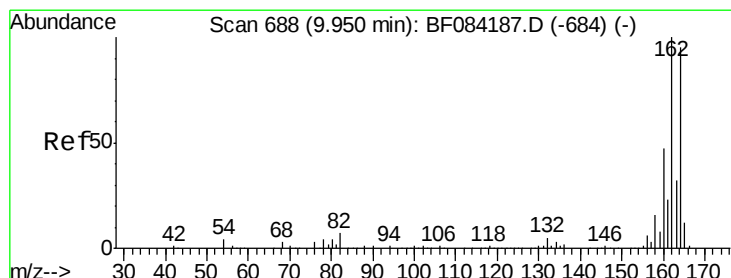
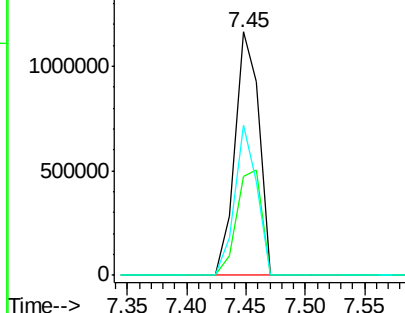
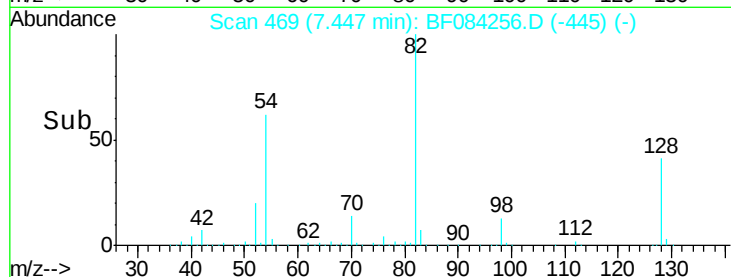
#23
 Nitrobenzene-d5
 Concen: 78.01 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.02 min
 Lab File: BF084256.D
 Acq: 5 Jan 2016 00:51

Instrument :
 BNA_F
 ClientSampleId :
 PB87631TB

Tot Ion: 82 Resp: 1629700
 Ion Ratio Lower Upper
 82 100
 128 40.7 34.6 51.8
 54 61.9 38.4 57.6#

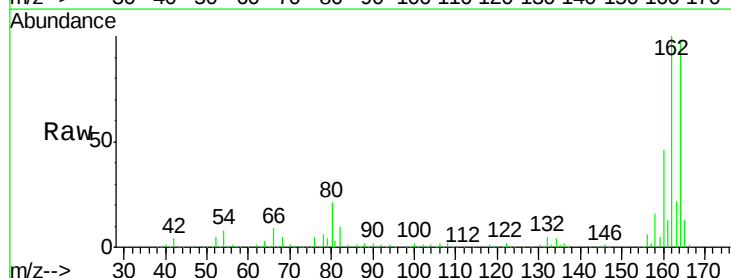


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

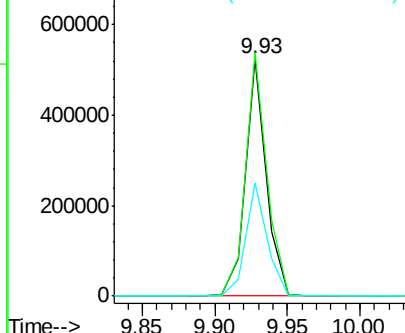
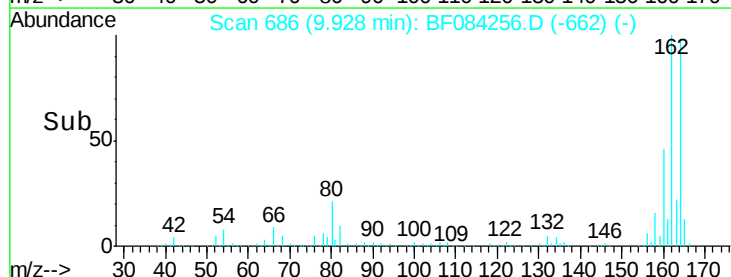


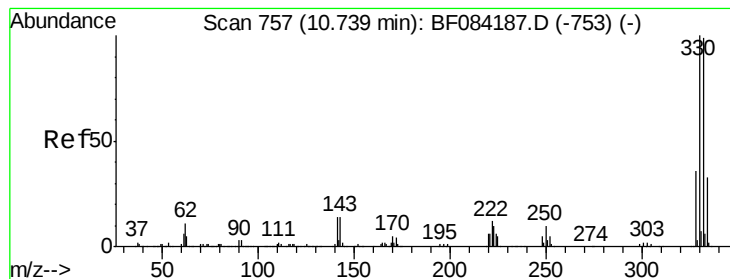
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.02 min
 Lab File: BF084256.D
 Acq: 5 Jan 2016 00:51

Tgt Ion:164 Resp: 519164
 Ion Ratio Lower Upper
 164 100
 162 102.4 85.1 127.7
 160 47.4 37.5 56.3



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





#41

2,4,6-Tribromophenol

Concen: 113.92 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF084256.D

Acq: 5 Jan 2016 00:51

Instrument :

BNA_F

ClientSampleId :

PB87631TB

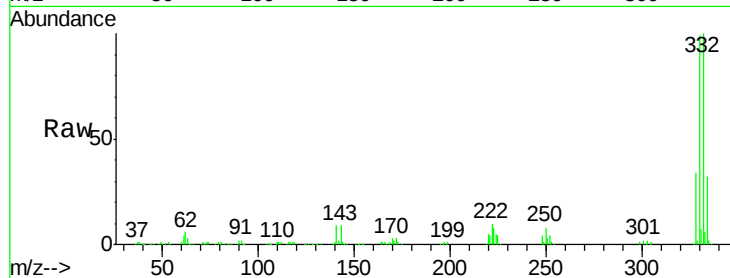
Tot Ion:330 Resp: 597079

Ion Ratio Lower Upper

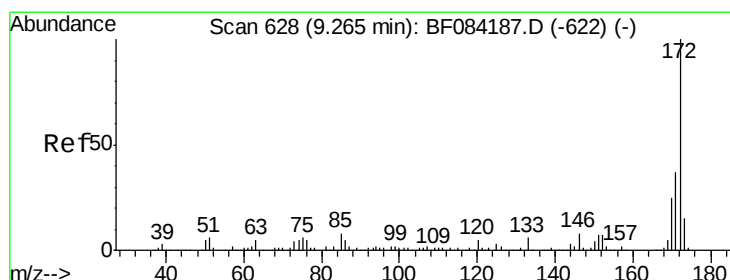
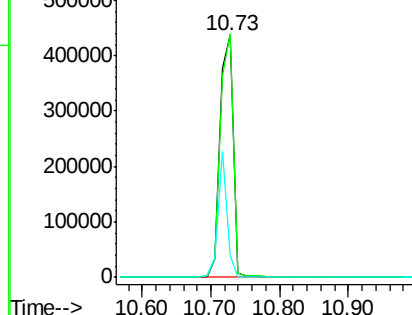
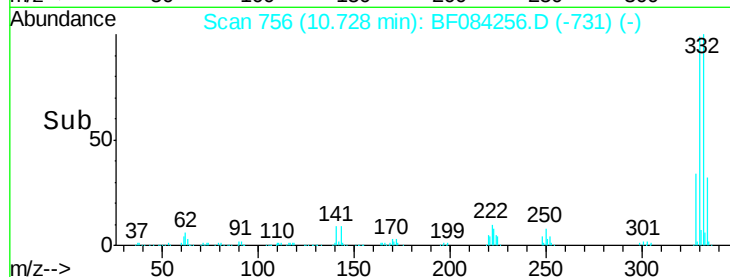
330 100

332 98.8 76.6 114.8

141 35.7 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: 85.56 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF084256.D

Acq: 5 Jan 2016 00:51

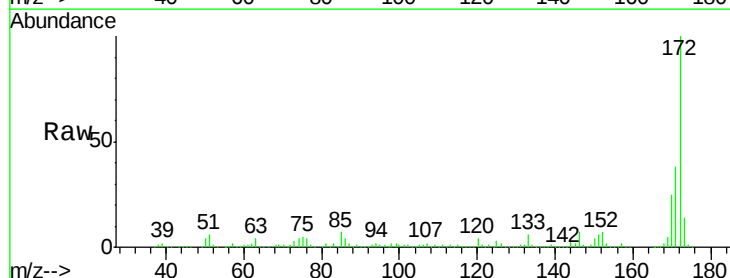
Tgt Ion:172 Resp: 2523778

Ion Ratio Lower Upper

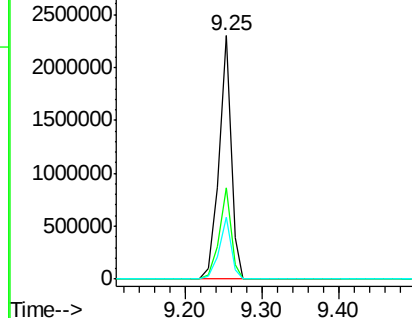
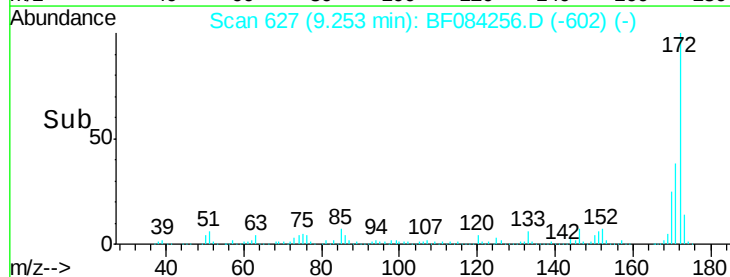
172 100

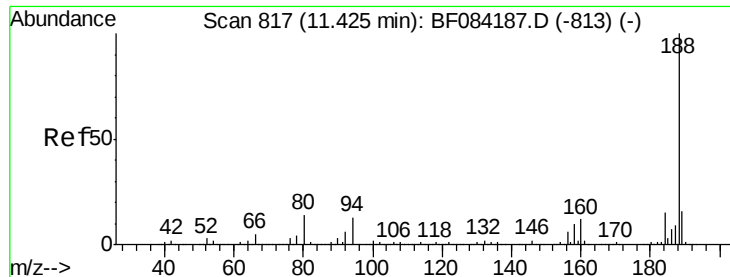
171 37.7 28.9 43.3

170 25.4 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

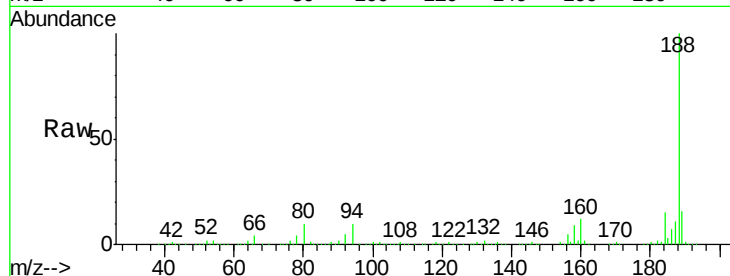




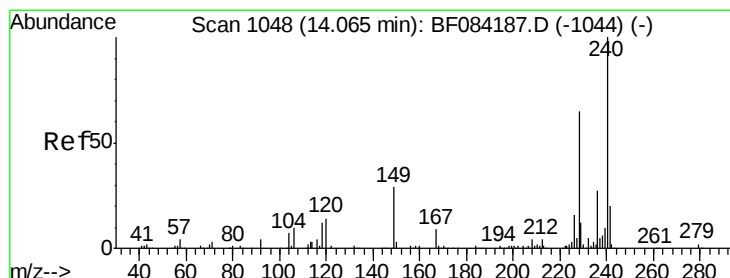
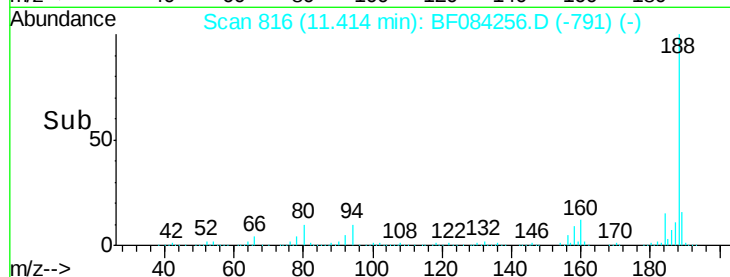
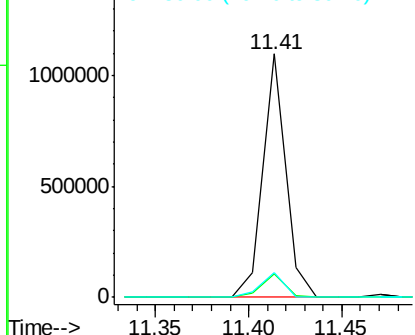
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF084256.D
Acq: 5 Jan 2016 00:51

Instrument :
BNA_F
ClientSampleId :
PB87631TB

Tot Ion:188 Resp: 926921
Ion Ratio Lower Upper
188 100
94 9.6 9.0 13.4
80 10.2 9.6 14.4

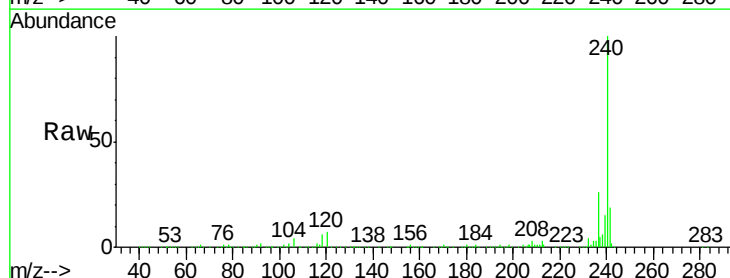


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

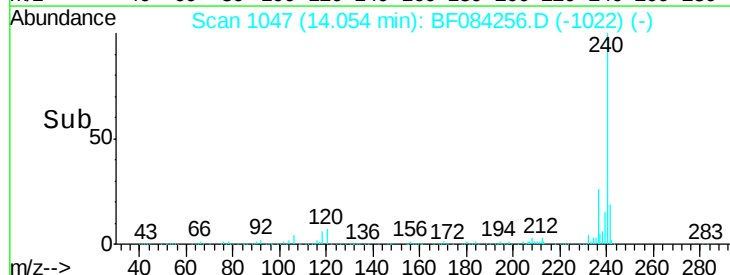
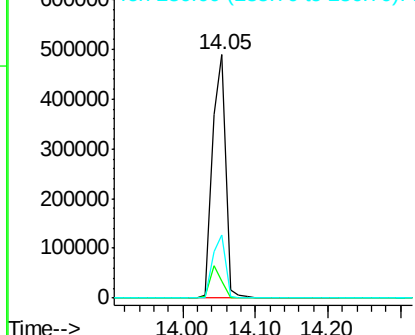


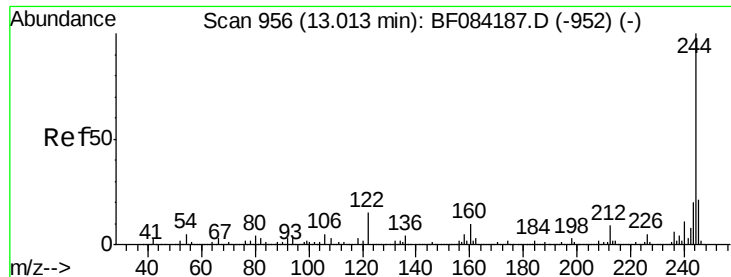
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF084256.D
Acq: 5 Jan 2016 00:51

Tgt Ion:240 Resp: 613216
Ion Ratio Lower Upper
240 100
120 6.9 9.5 14.3#
236 25.8 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

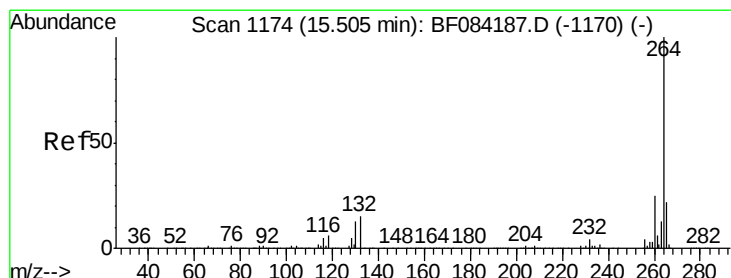
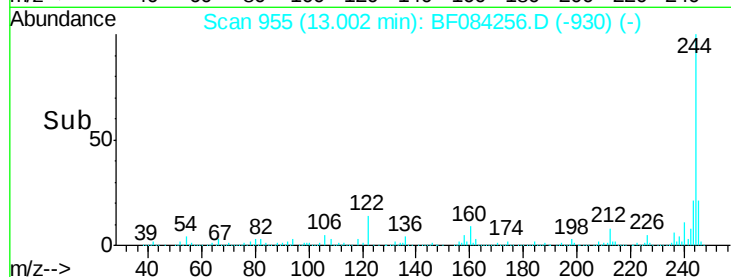
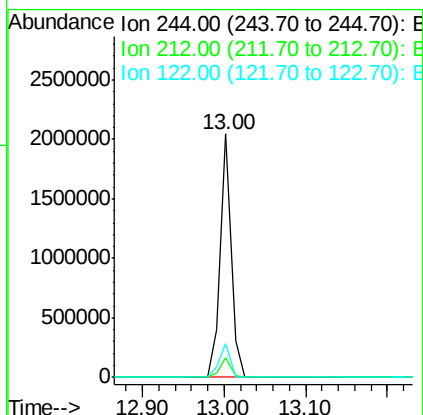
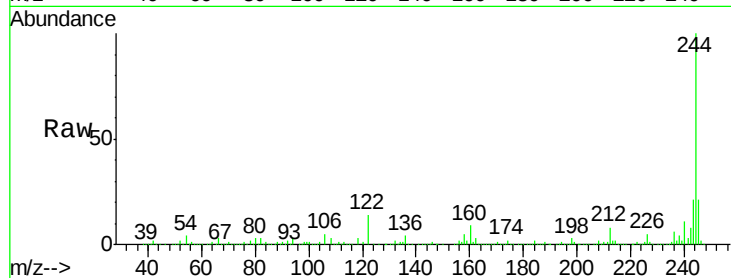




#78
 Terphenyl-d14
 Concen: 69.37 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: BF084256.D
 Acq: 5 Jan 2016 00:51

Instrument :
 BNA_F
 ClientSampleId :
 PB87631TB

Tot Ion:244 Resp: 1905655
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.7 8.5
 122 13.7 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF084256.D
 Acq: 5 Jan 2016 00:51

Tgt Ion:264 Resp: 559879
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.4 29.2
 265 21.5 17.8 26.6

