

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
 Data File : BF084453.D
 Acq On : 13 Jan 2016 20:40
 Operator : SJ/UM
 Sample : PB87806BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87806BL

Quant Time: Jan 14 14:56:02 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	240304	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	958681	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	458237	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	849449	20.00	ng	0.00
75) Chrysene-d12	13.99	240	652732	20.00	ng	-0.01
86) Perylene-d12	15.40	264	437361	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1573029	105.88	ng	0.01
7) Phenol-d6	6.48	99	1957849	104.93	ng	0.00
23) Nitrobenzene-d5	7.39	82	1217065	70.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	438105	94.70	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	2006534	76.39	ng	0.00
78) Terphenyl-d14	12.95	244	2048662	70.06	ng	0.00

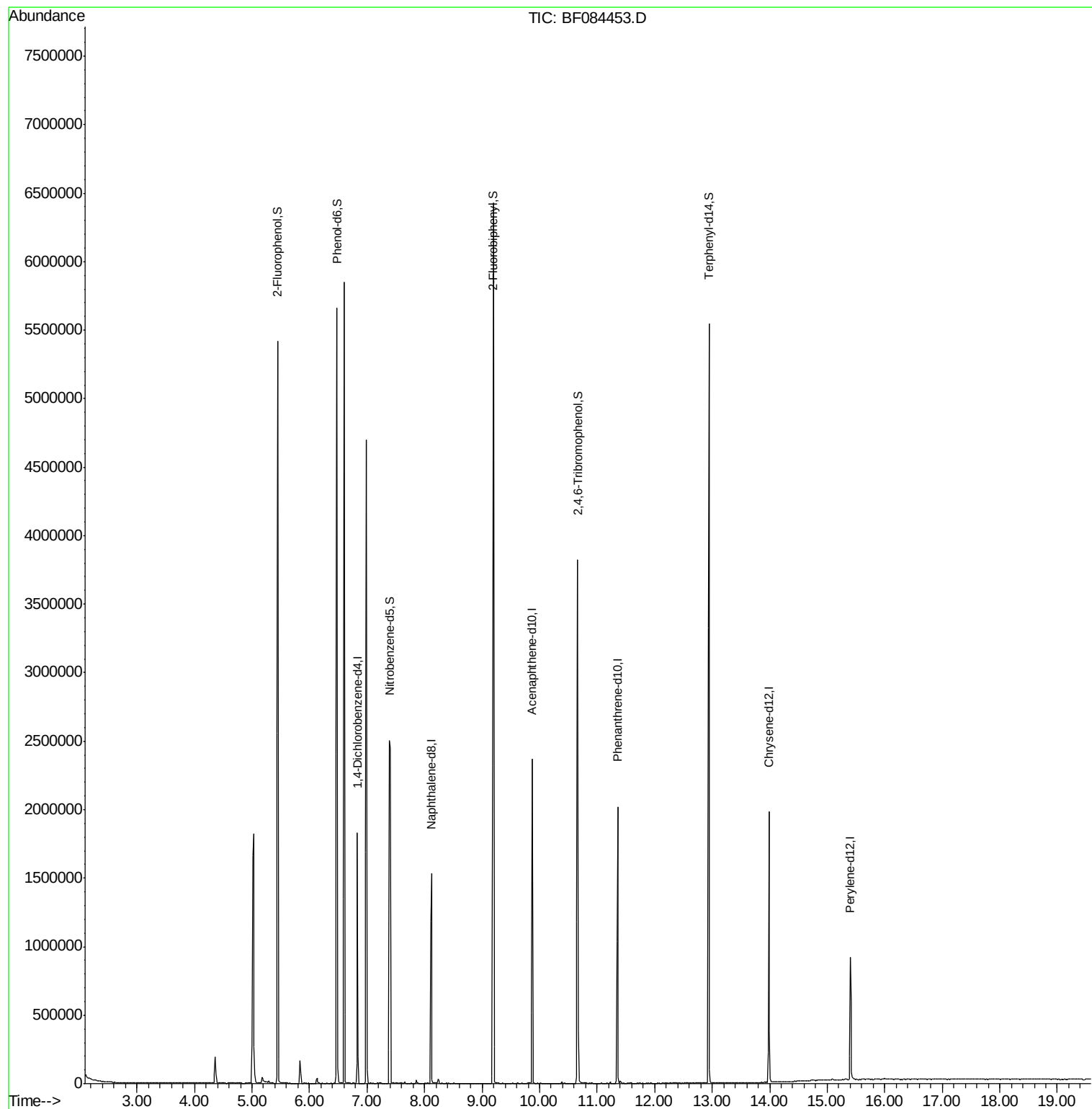
Target Compounds Qvalue

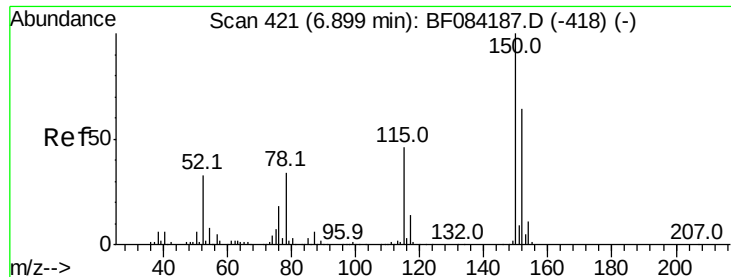
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 14 14:15:52 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF084453.D

Acq: 13 Jan 2016 20:40

Instrument :

BNA_F

ClientSampleId :

PB87806BL

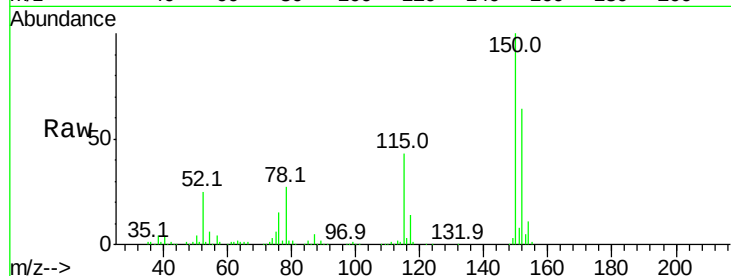
Tot Ion:152 Resp: 240304

Ion Ratio Lower Upper

152 100

150 157.1 123.0 184.4

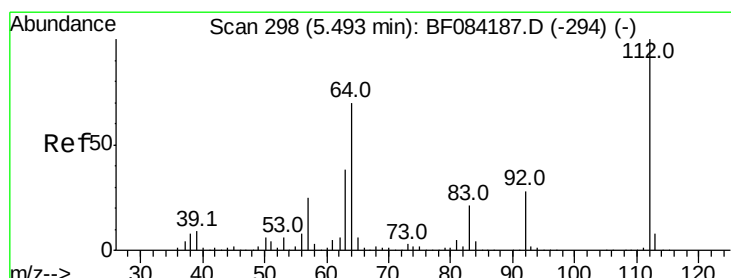
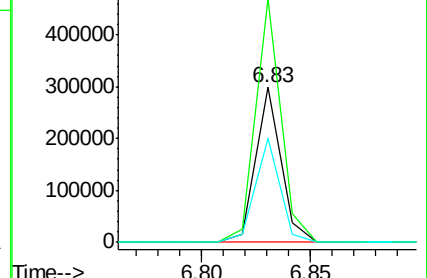
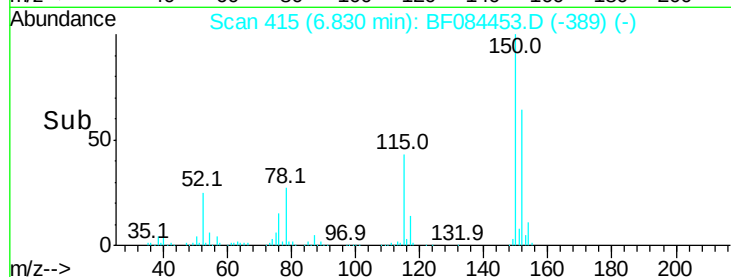
115 66.9 51.4 77.2



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: 105.88 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF084453.D

Acq: 13 Jan 2016 20:40

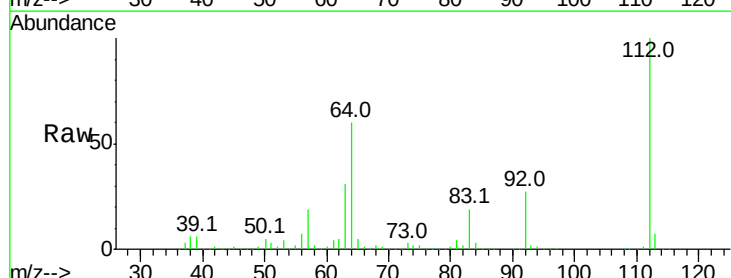
Tgt Ion:112 Resp: 1573029

Ion Ratio Lower Upper

112 100

64 60.1 36.6 55.0#

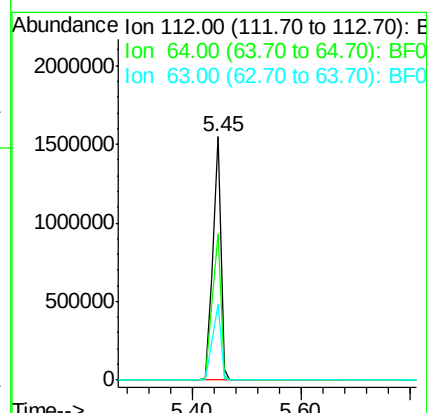
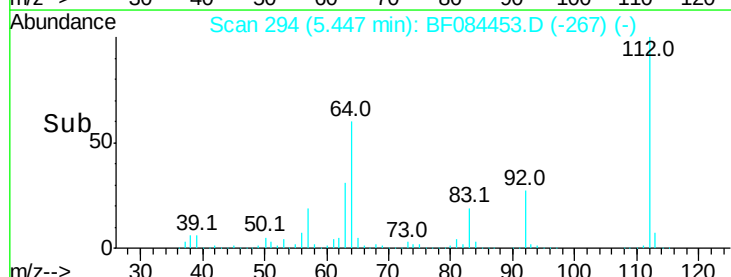
63 31.2 19.4 29.0#

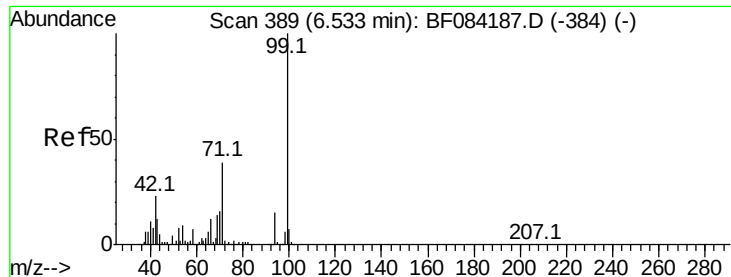


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.93 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF084453.D

Acq: 13 Jan 2016 20:40

Instrument :

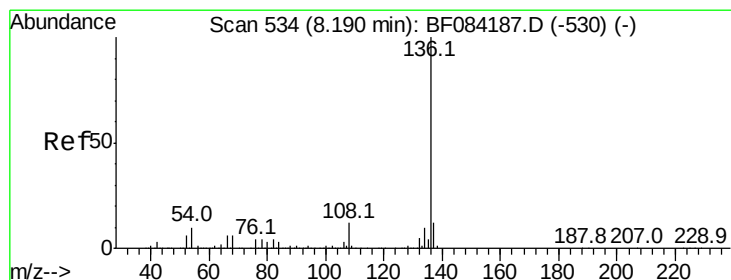
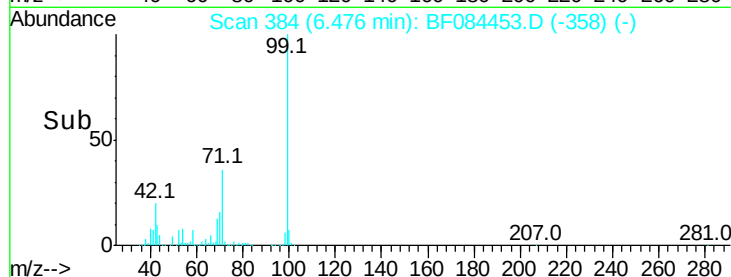
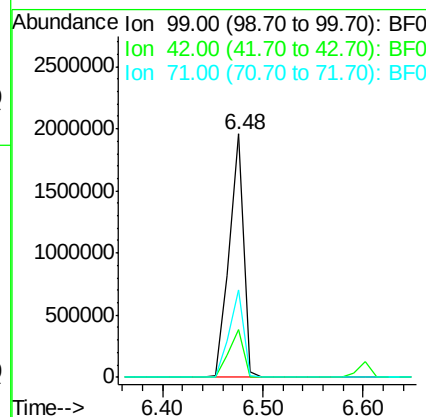
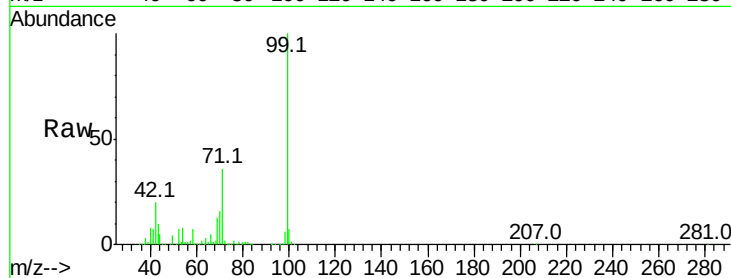
BNA_F

ClientSampleId :

PB87806BL

Tot Ion: 99 Resp: 1957849

Ion	Ratio	Lower	Upper
99	100		
42	19.6	12.8	19.2#
71	36.1	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

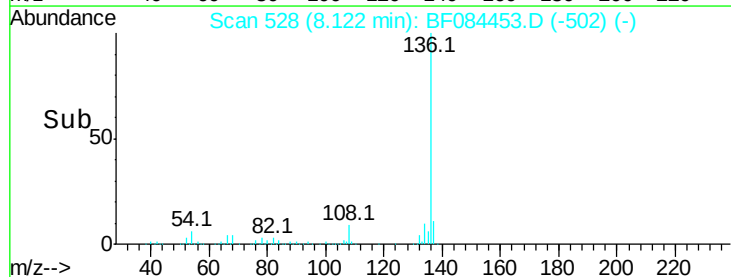
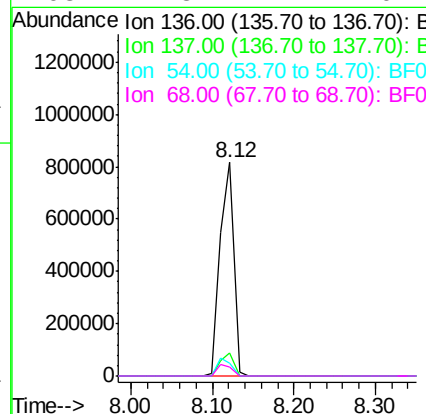
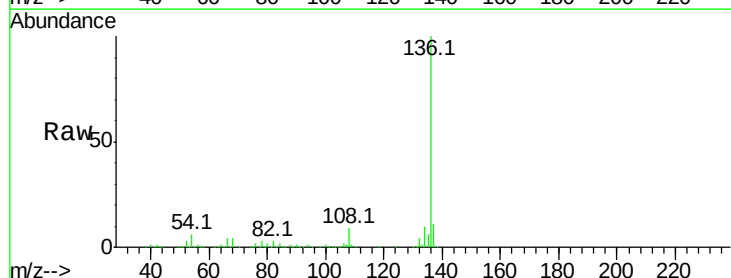
Delta R.T. 0.00 min

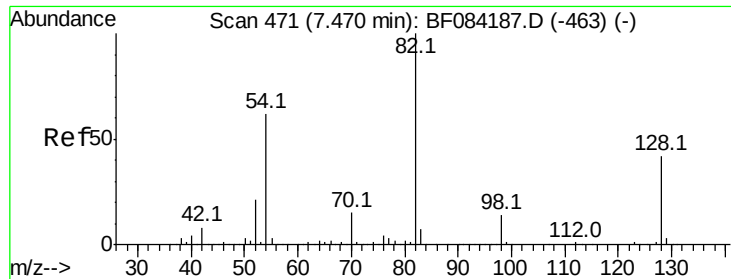
Lab File: BF084453.D

Acq: 13 Jan 2016 20:40

Tgt Ion: 136 Resp: 958681

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.1	5.8	8.8
68	4.3	4.2	6.2



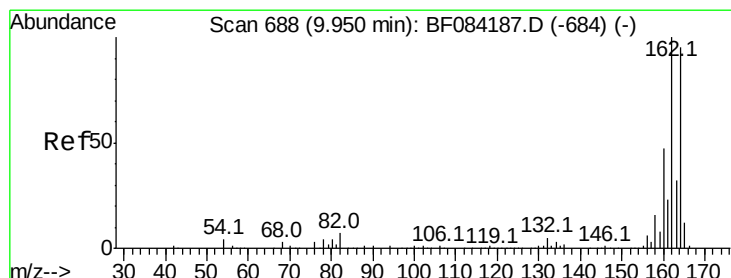
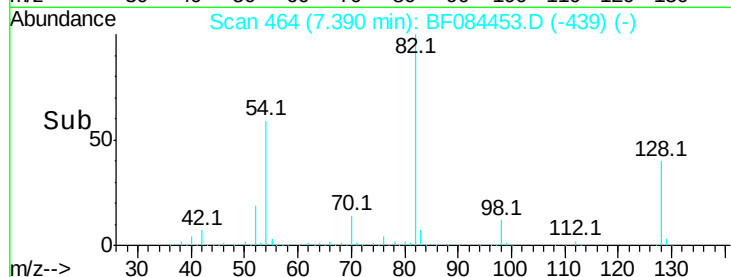
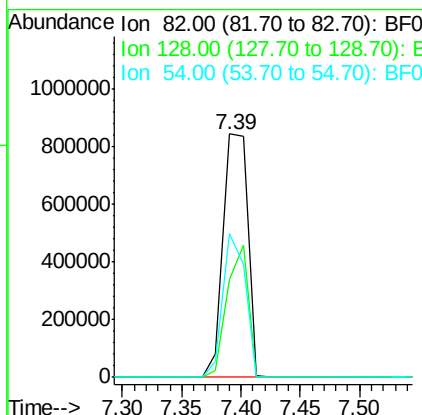
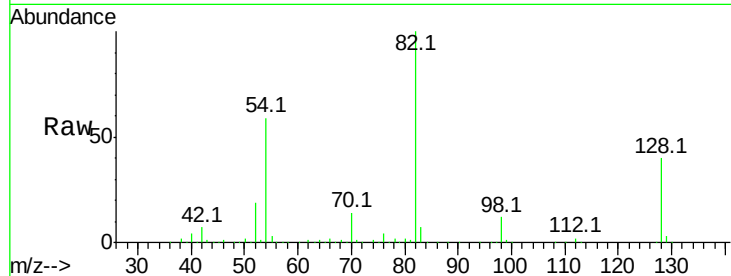


#23
 Nitrobenzene-d5
 Concen: 70.66 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.01 min
 Lab File: BF084453.D
 Acq: 13 Jan 2016 20:40

Instrument :
 BNA_F
 ClientSampleId :
 PB87806BL

Tot Ion: 82 Resp: 1217065

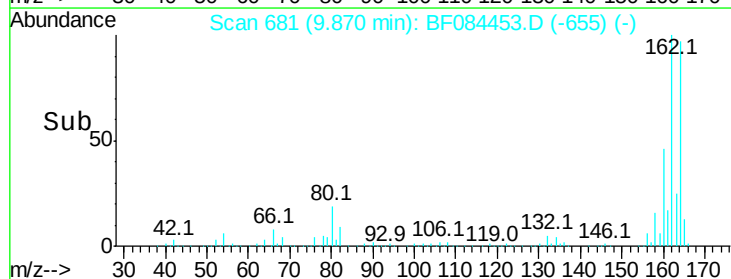
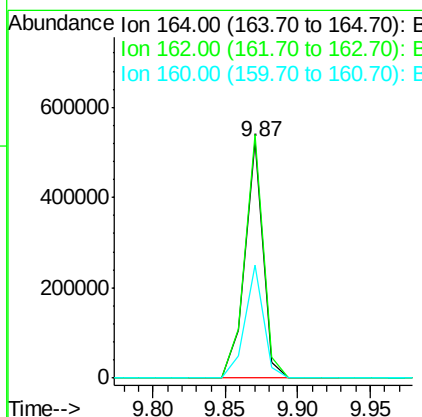
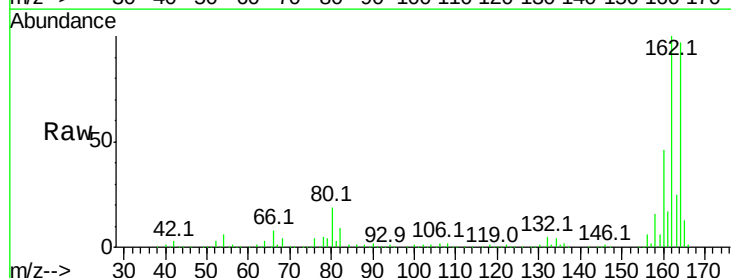
Ion	Ratio	Lower	Upper
82	100		
128	40.4	34.6	51.8
54	59.1	38.4	57.6

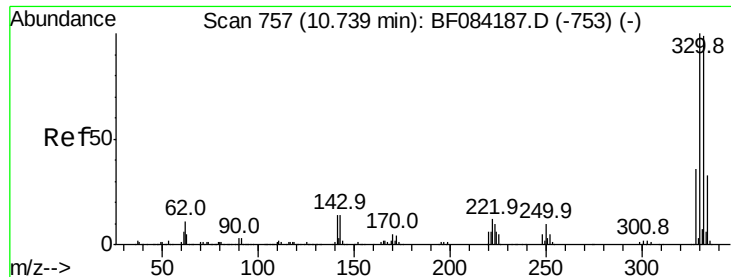


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF084453.D
 Acq: 13 Jan 2016 20:40

Tgt Ion:164 Resp: 458237

Ion	Ratio	Lower	Upper
164	100		
162	102.8	85.1	127.7
160	47.5	37.5	56.3





#41

2,4,6-Tribromophenol

Concen: 94.70 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF084453.D

Acq: 13 Jan 2016 20:40

Instrument :

BNA_F

ClientSampleId :

PB87806BL

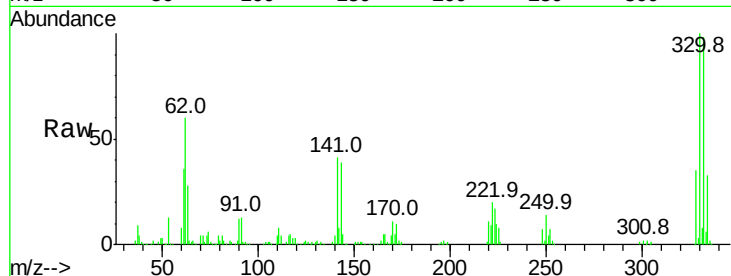
Tot Ion:330 Resp: 438105

Ion Ratio Lower Upper

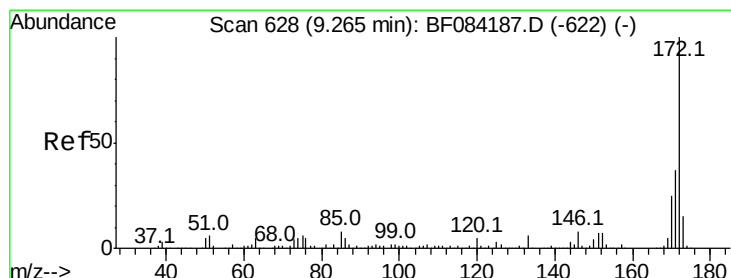
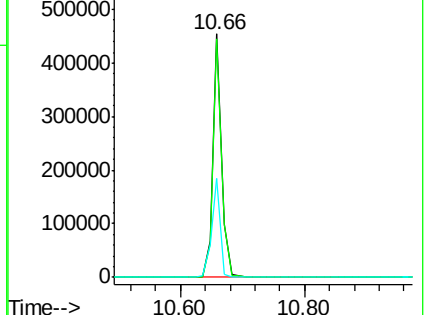
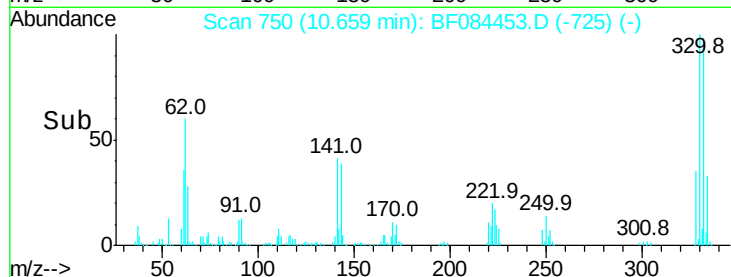
330 100

332 97.4 76.6 114.8

141 40.8 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: 76.39 ng

RT: 9.20 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF084453.D

Acq: 13 Jan 2016 20:40

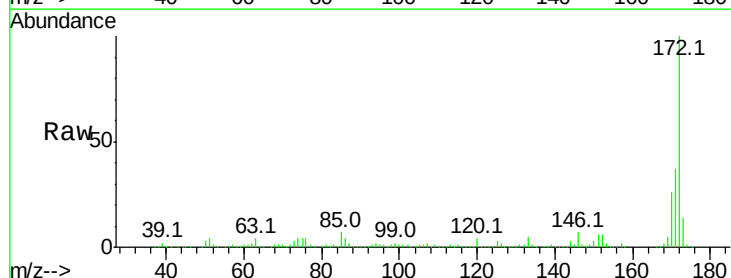
Tgt Ion:172 Resp: 2006534

Ion Ratio Lower Upper

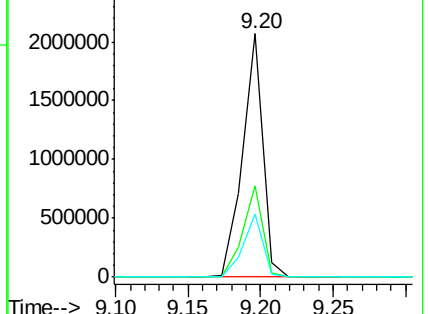
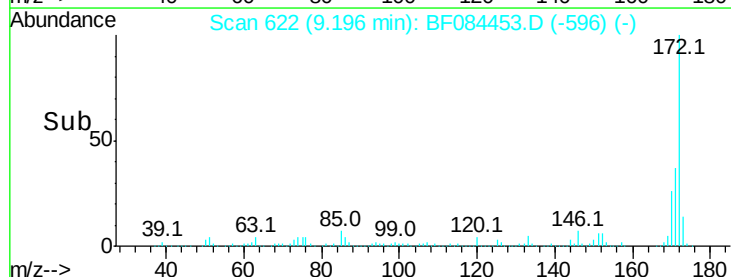
172 100

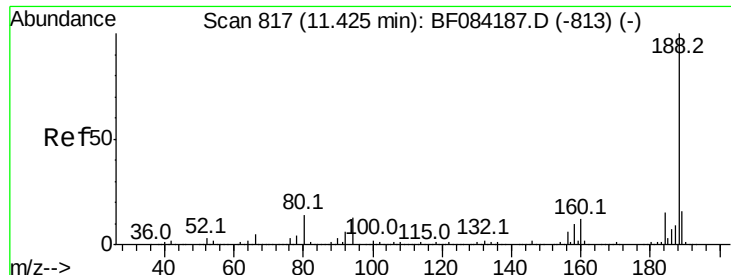
171 37.4 28.9 43.3

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

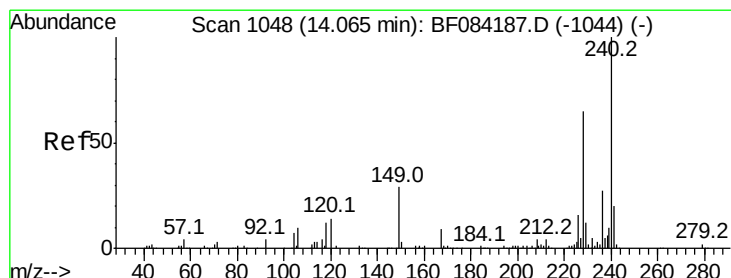
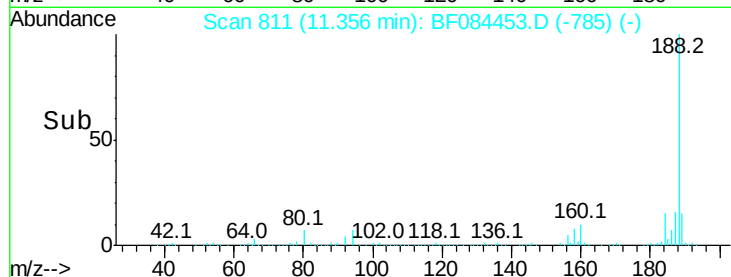
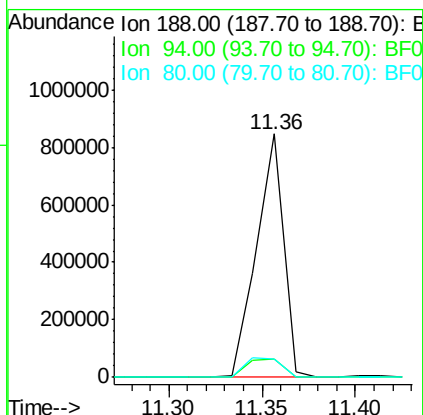
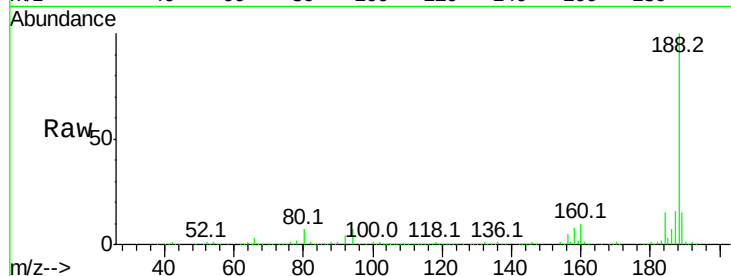




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF084453.D
Acq: 13 Jan 2016 20:40

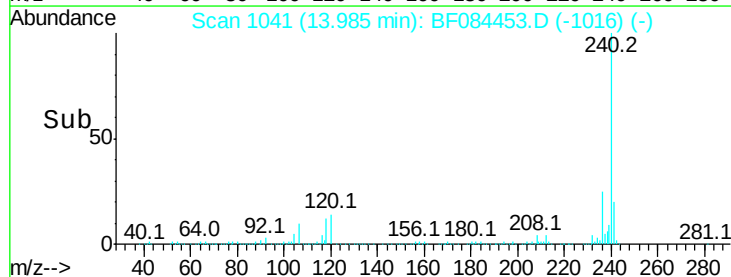
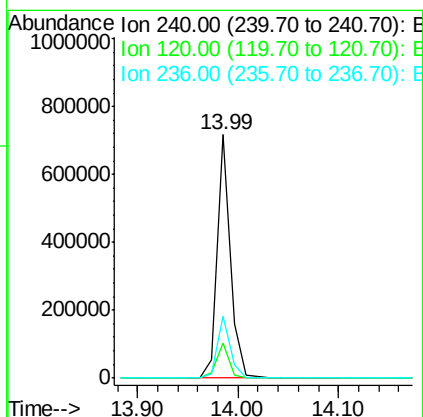
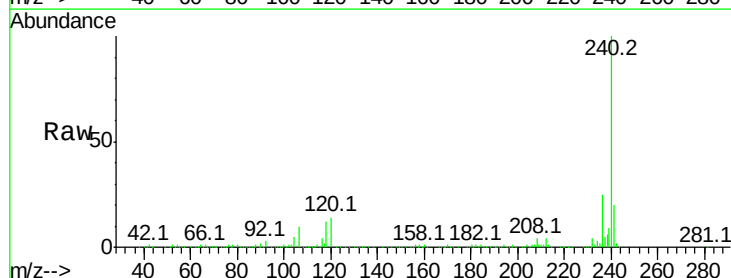
Instrument :
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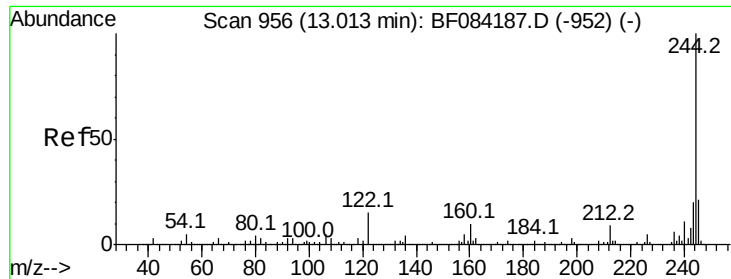
Tot Ion:188 Resp: 849449
Ion Ratio Lower Upper
188 100
94 7.4 9.0 13.4#
80 7.4 9.6 14.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084453.D
Acq: 13 Jan 2016 20:40

Tgt Ion:240 Resp: 652732
Ion Ratio Lower Upper
240 100
120 14.3 9.5 14.3#
236 25.2 20.6 31.0

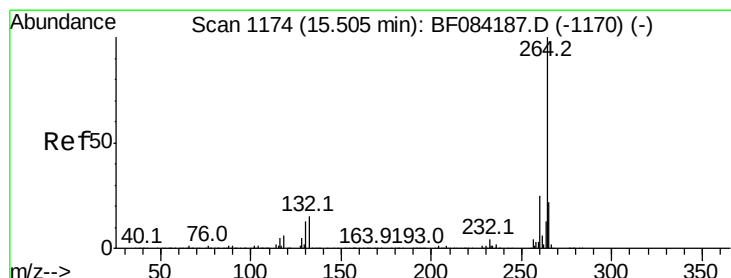
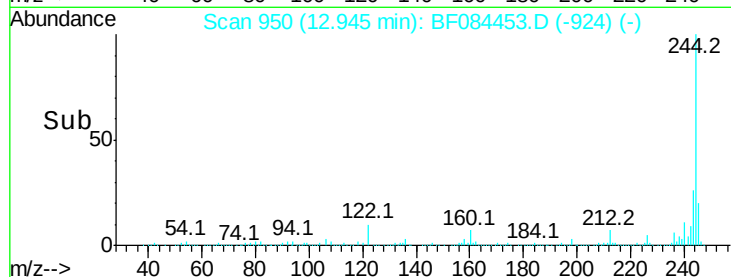
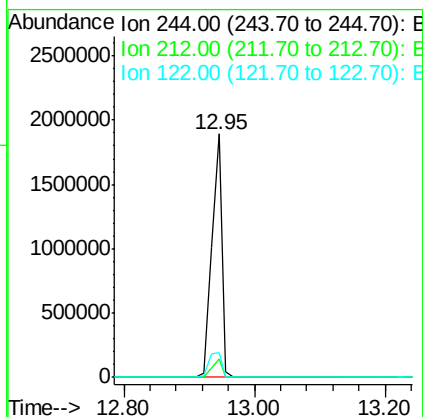
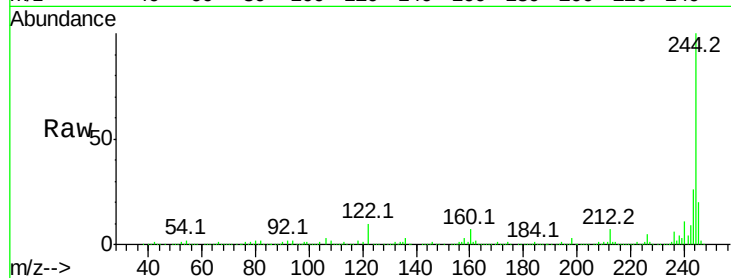




#78
 Terphenyl-d14
 Concen: 70.06 ng
 RT: 12.95 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF084453.D
 Acq: 13 Jan 2016 20:40

Instrument :
 BNA_F
 ClientSampleId :
 PB87806BL

Tot Ion:244 Resp: 2048662
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 10.0 7.4 11.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF084453.D
 Acq: 13 Jan 2016 20:40

Tgt Ion:264 Resp: 437361
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 21.7 17.8 26.6

