

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
 Data File : BF084016.D
 Acq On : 23 Dec 2015 4:16
 Operator : UM/SJ
 Sample : G4916-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151214MGP1209BRV46.5

Quant Time: Dec 23 04:56:16 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	44946	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	180306	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	85856	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	160860	20.00	ng	0.00
75) Chrysene-d12	13.99	240	149360	20.00	ng	-0.01
86) Perylene-d12	15.41	264	114467	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	156728	59.46	ng	0.01
7) Phenol-d6	6.48	99	112799	36.39	ng	0.00
23) Nitrobenzene-d5	7.39	82	257025	87.57	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	134677	163.08	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	637054	99.86	ng	0.00
78) Terphenyl-d14	12.93	244	599816	95.77	ng	0.00

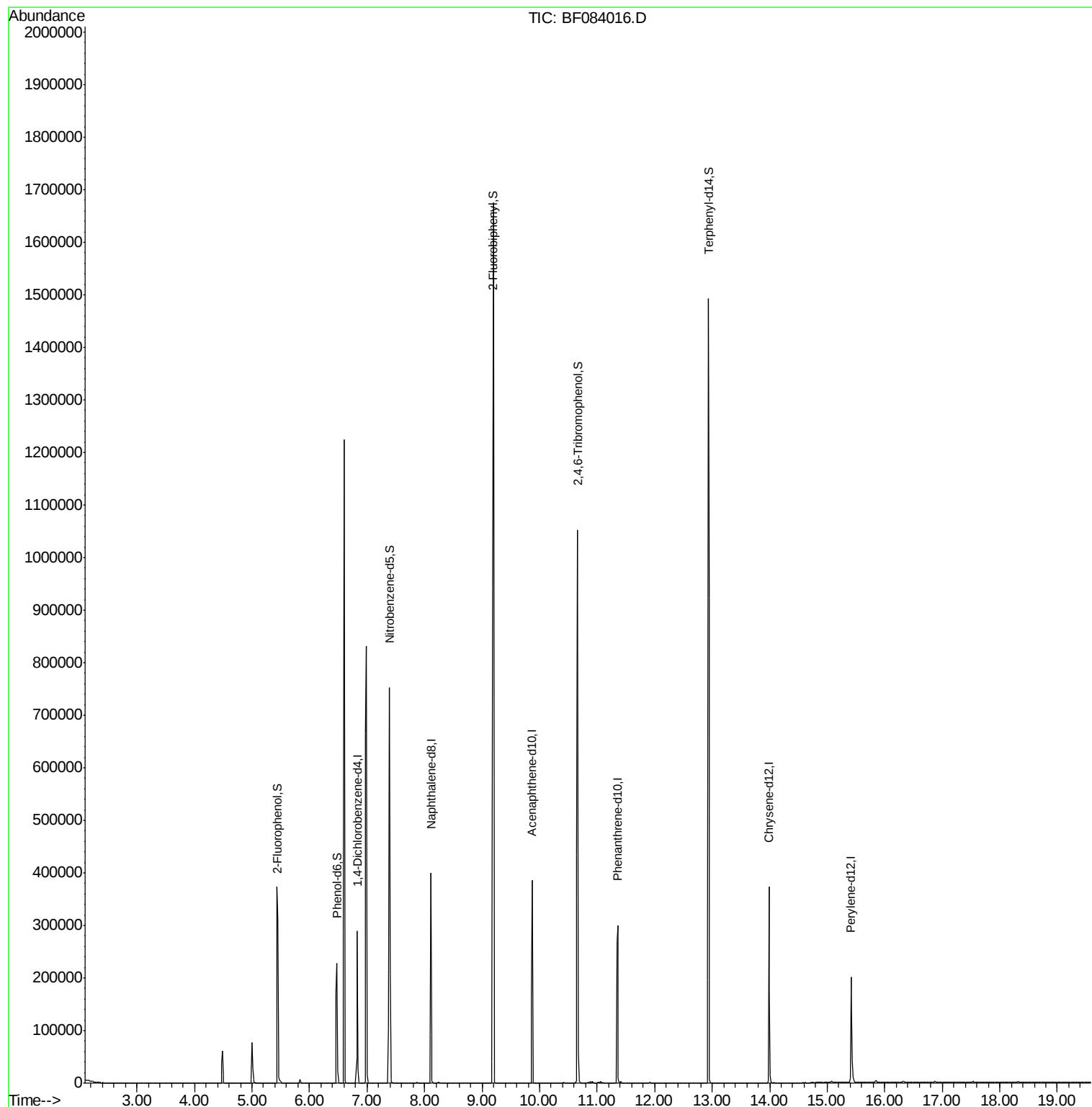
Target Compounds Qvalue

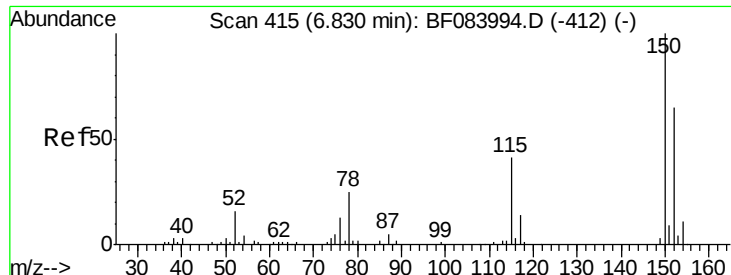
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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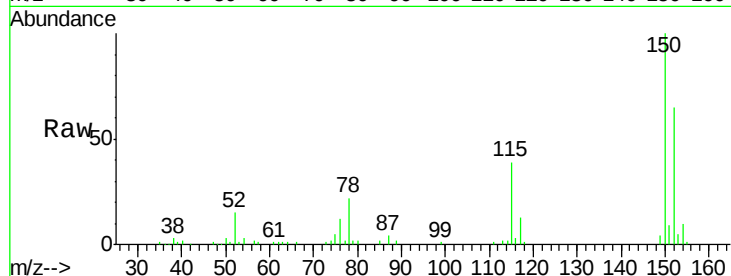




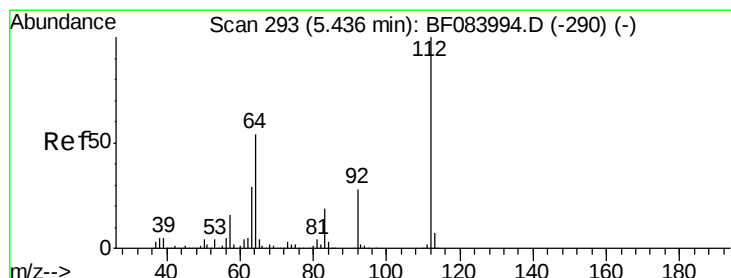
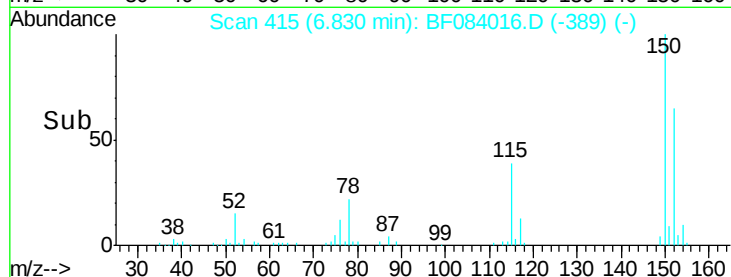
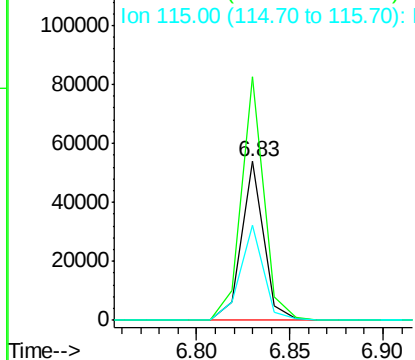
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.00 min
 Lab File: BF084016.D
 Acq: 23 Dec 2015 4:16

Instrument :
 BNA_F
 ClientSampleId :
 20151214MGP1209BRV46.5

Tot Ion:152 Resp: 44946
 Ion Ratio Lower Upper
 152 100
 150 153.6 123.0 184.4
 115 60.3 51.4 77.2

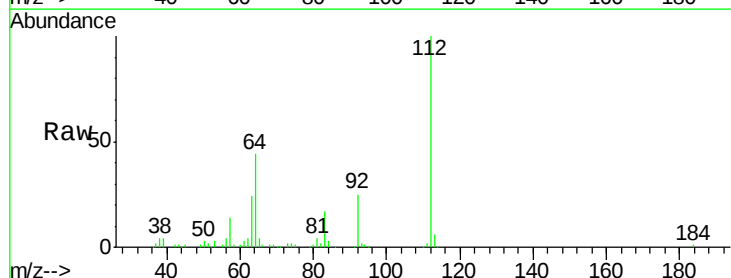


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

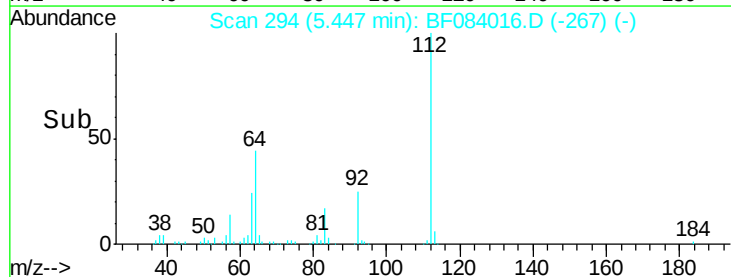
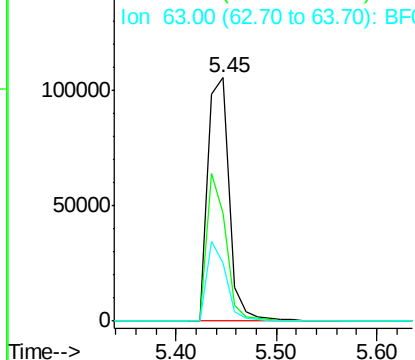


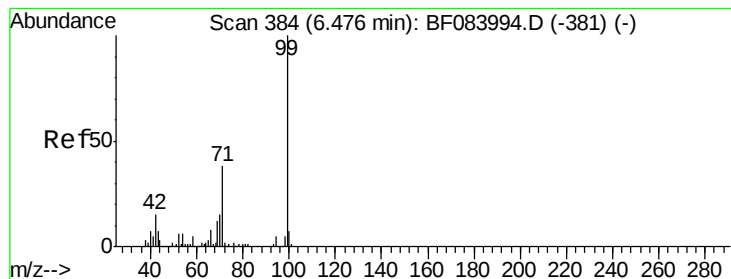
#5
 2-Fluorophenol
 Concen: 59.46 ng
 RT: 5.45 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: BF084016.D
 Acq: 23 Dec 2015 4:16

Tgt Ion:112 Resp: 156728
 Ion Ratio Lower Upper
 112 100
 64 44.5 36.6 55.0
 63 23.9 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: 36.39 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084016.D

Acq: 23 Dec 2015 4:16

Instrument :

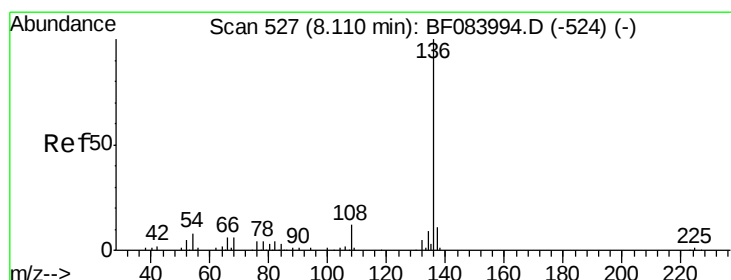
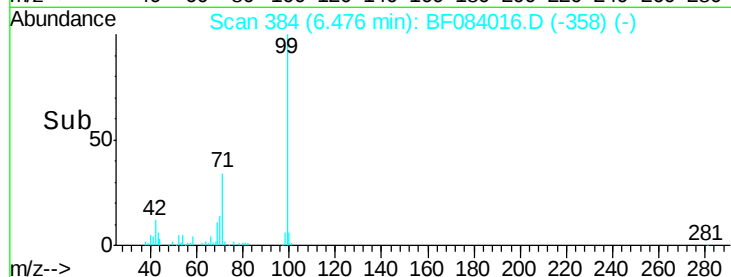
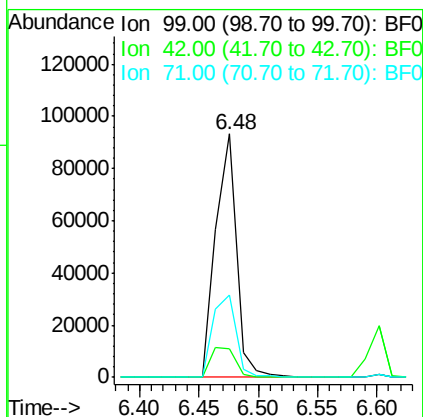
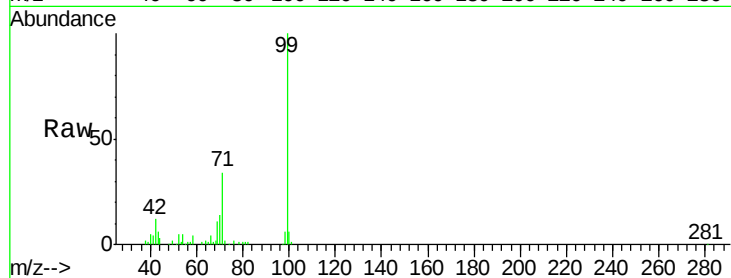
BNA_F

ClientSampleId :

20151214MGP1209BRV46.5

Tot Ion: 99 Resp: 112799

Ion	Ratio	Lower	Upper
99	100		
42	11.9	12.8	19.2#
71	33.6	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

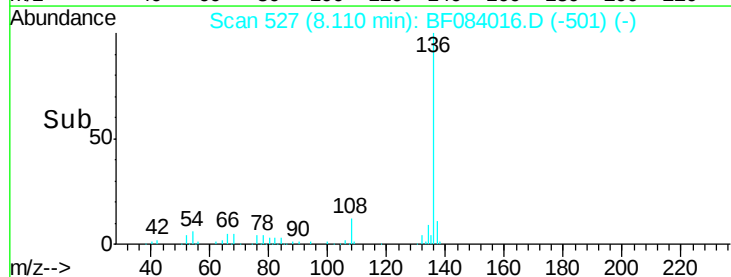
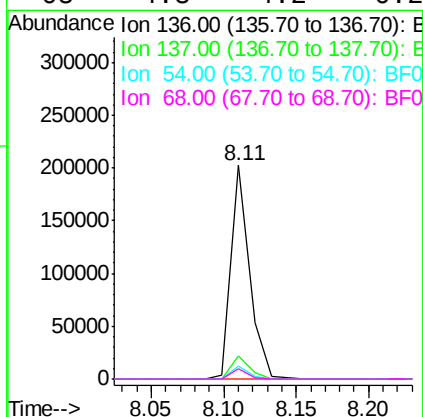
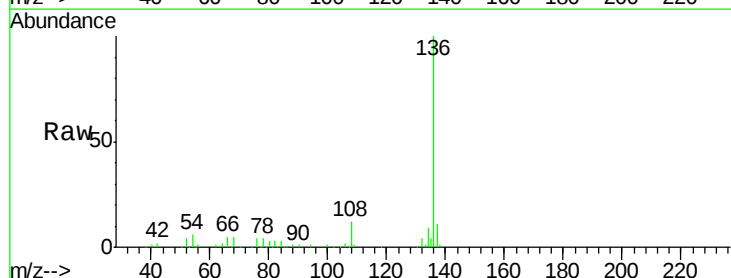
Delta R.T. -0.00 min

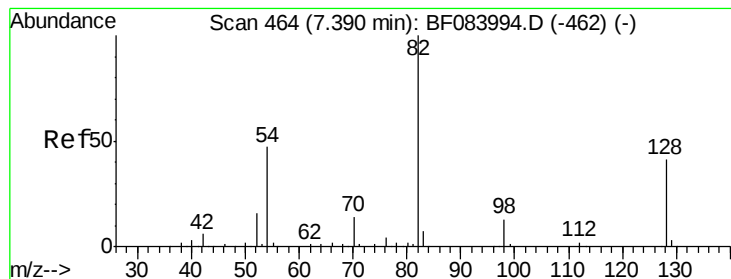
Lab File: BF084016.D

Acq: 23 Dec 2015 4:16

Tgt Ion: 136 Resp: 180306

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.2	5.8	8.8
68	4.8	4.2	6.2





#23

Nitrobenzene-d5

Concen: 87.57 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF084016.D

Acq: 23 Dec 2015 4:16

Instrument :

BNA_F

ClientSampleId :

20151214MGP1209BRV46.5

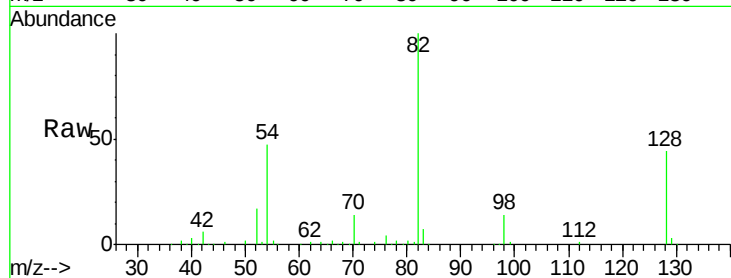
Tot Ion: 82 Resp: 257025

Ion Ratio Lower Upper

82 100

128 44.0 34.6 51.8

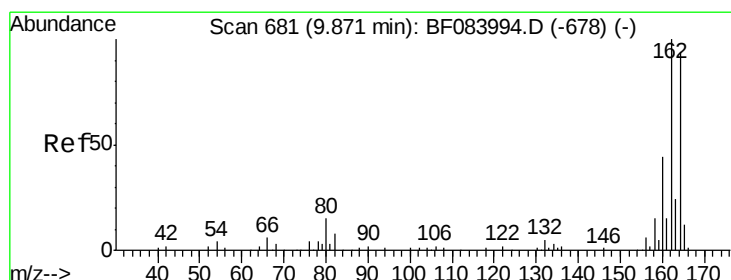
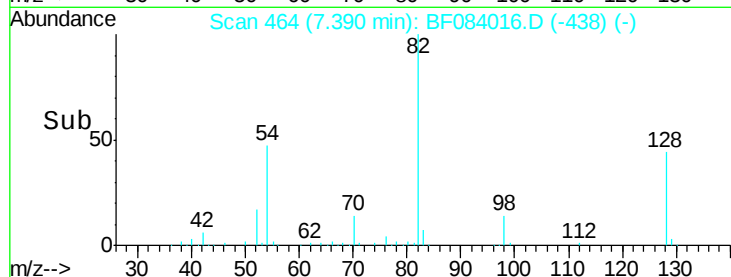
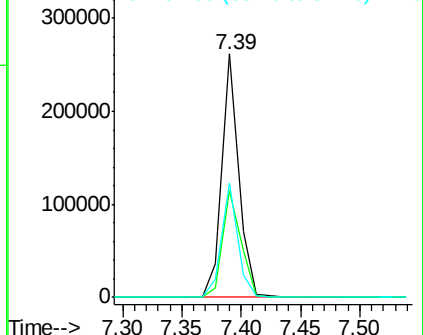
54 47.2 38.4 57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

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: BF084016.D

Acq: 23 Dec 2015 4:16

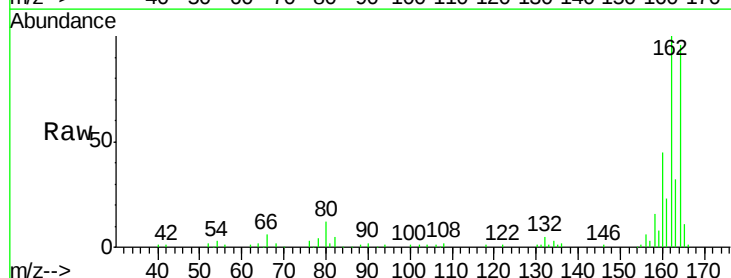
Tgt Ion:164 Resp: 85856

Ion Ratio Lower Upper

164 100

162 104.7 85.1 127.7

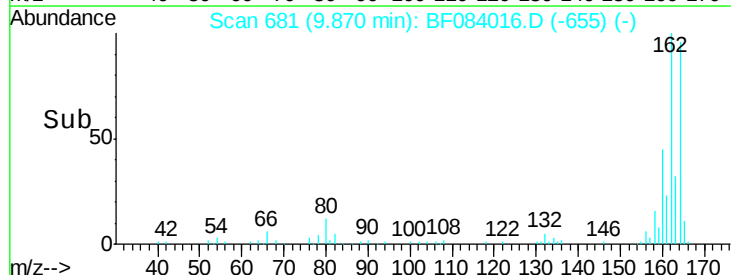
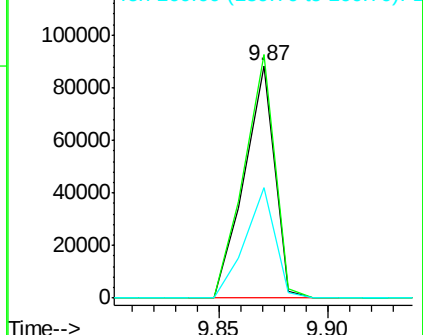
160 47.3 37.5 56.3

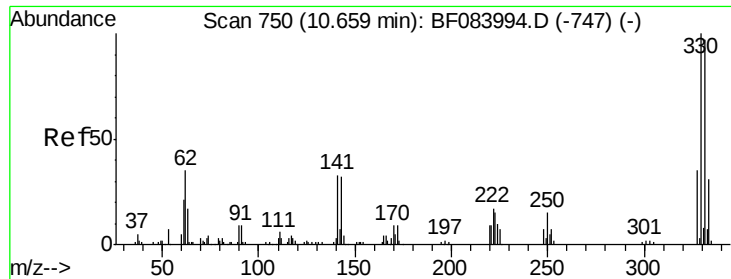


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

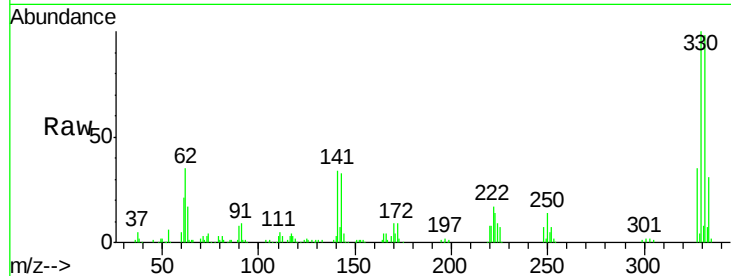




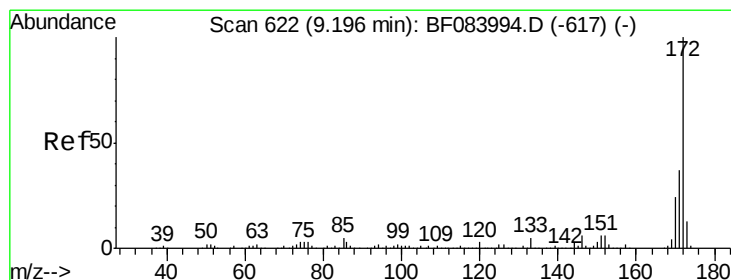
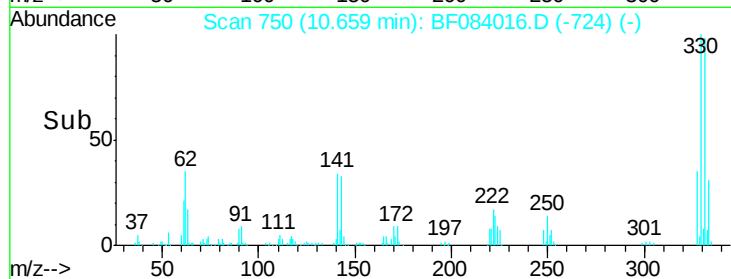
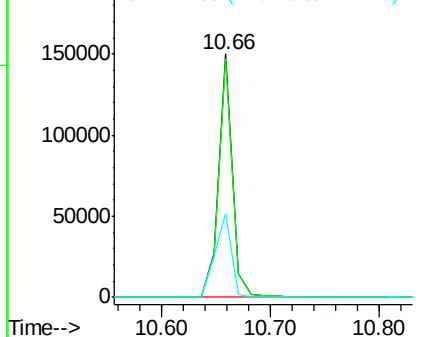
#41
 2,4,6-Tribromophenol
 Concen: 163.08 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF084016.D
 Acq: 23 Dec 2015 4:16

Instrument :
 BNA_F
 ClientSampleId :
 20151214MGP1209BRV46.5

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	114.8
141	40.8	27.8	41.6

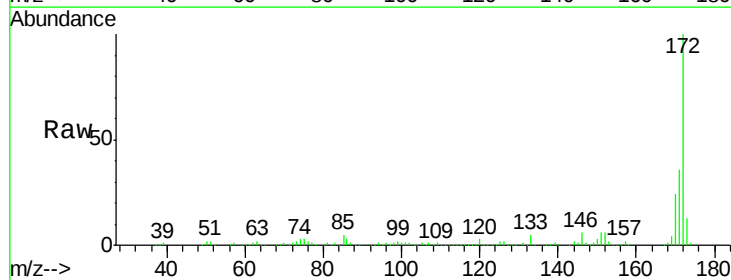


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

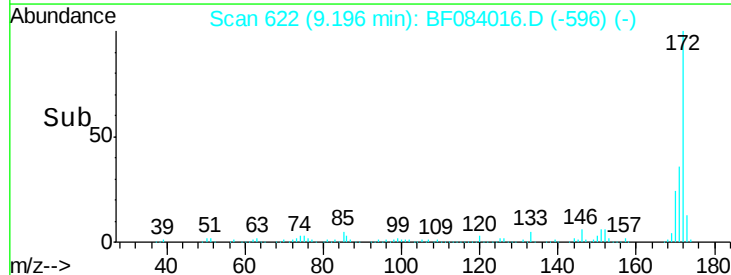
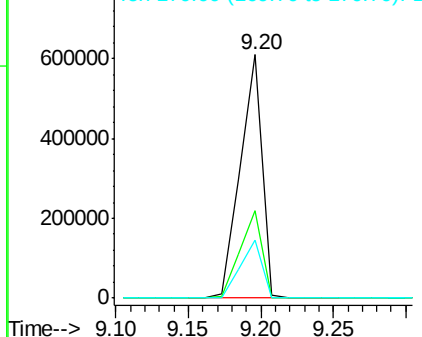


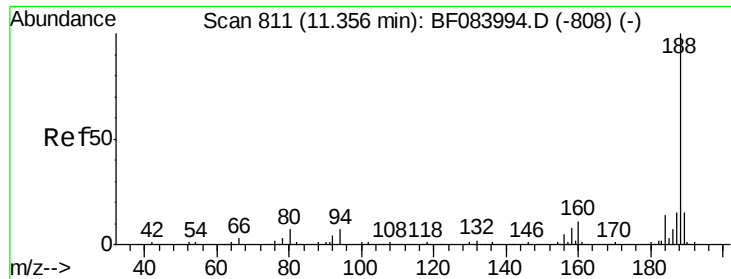
#44
 2-Fluorobiphenyl
 Concen: 99.86 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084016.D
 Acq: 23 Dec 2015 4:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.9	43.3
170	23.8	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

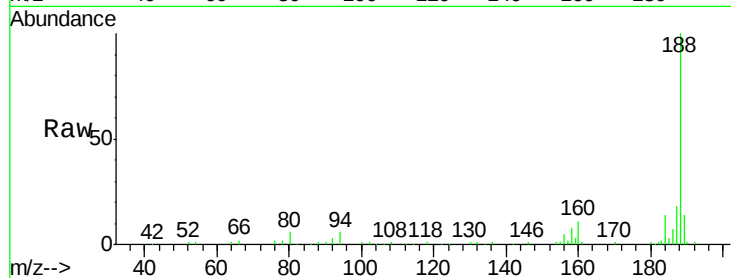




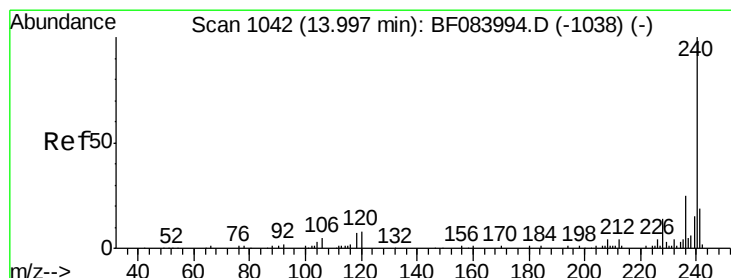
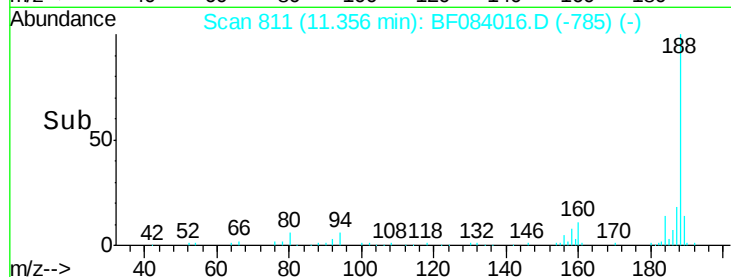
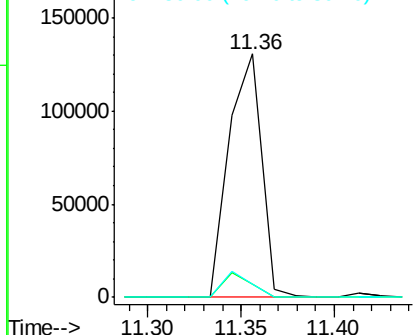
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF084016.D
Acq: 23 Dec 2015 4:16

Instrument :
BNA_F
ClientSampleId :
20151214MGP1209BRV46.5

Tot Ion:188 Resp: 160860
Ion Ratio Lower Upper
188 100
94 5.7 9.0 13.4#
80 5.5 9.6 14.4#

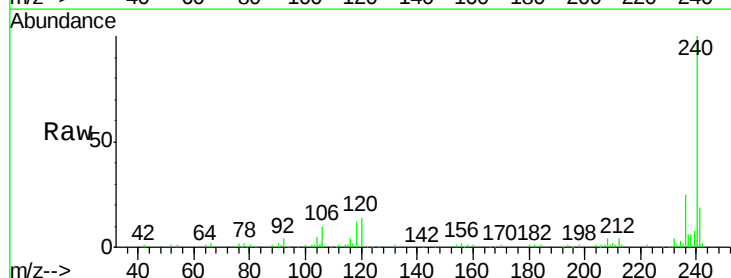


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

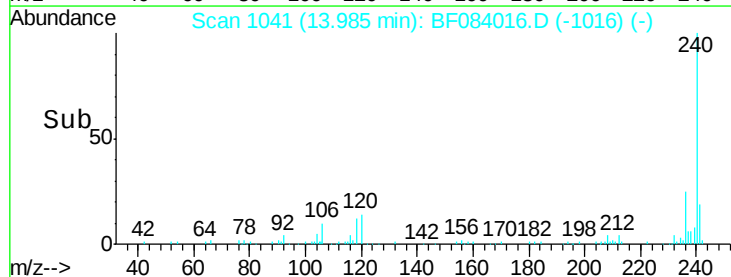
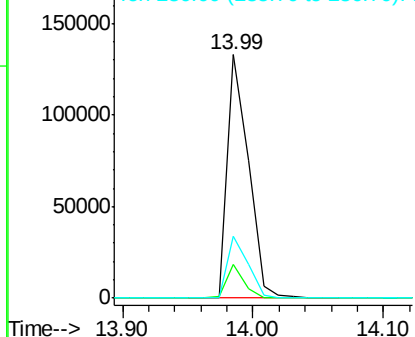


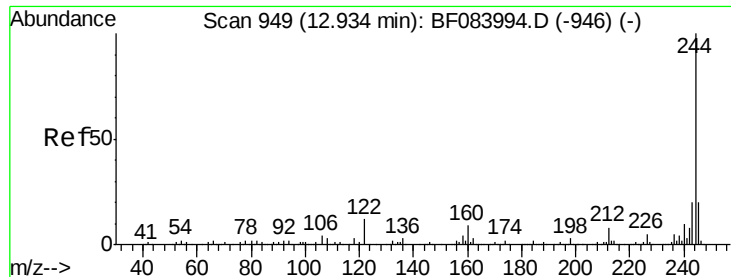
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084016.D
Acq: 23 Dec 2015 4:16

Tgt Ion:240 Resp: 149360
Ion Ratio Lower Upper
240 100
120 13.9 9.5 14.3
236 25.4 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

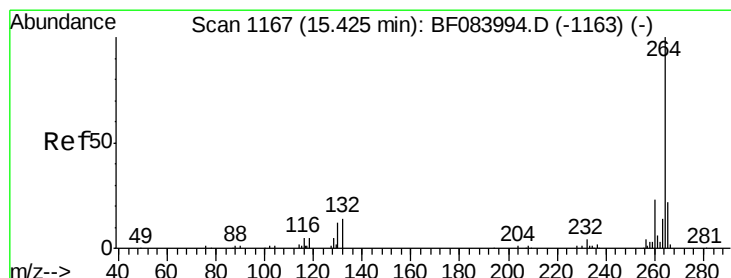
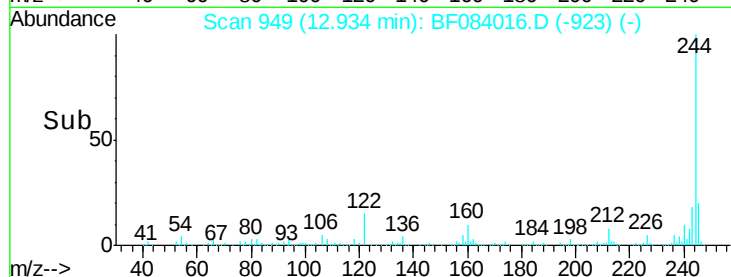
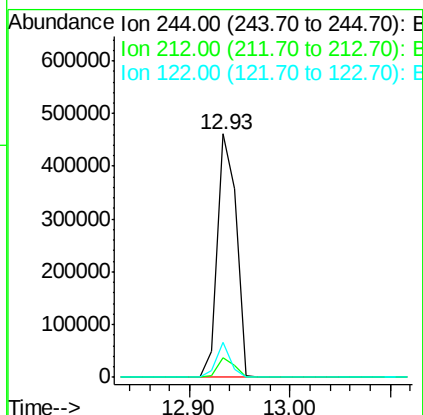
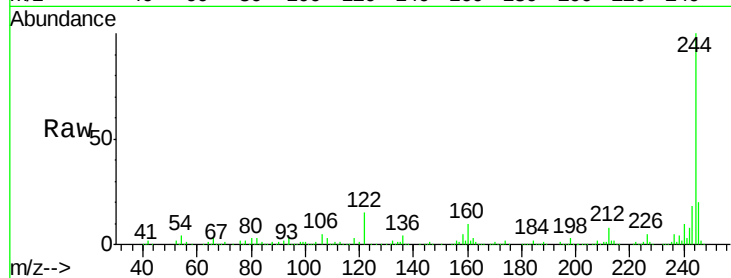




#78
 Terphenyl-d14
 Concen: 95.77 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF084016.D
 Acq: 23 Dec 2015 4:16

Instrument :
 BNA_F
 ClientSampleId :
 20151214MGP1209BRV46.5

Tot Ion:244 Resp: 599816
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.7 8.5
 122 14.5 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF084016.D
 Acq: 23 Dec 2015 4:16

Tgt Ion:264 Resp: 114467
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.2
 265 22.1 17.8 26.6

