

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
 Data File : BF084115.D
 Acq On : 25 Dec 2015 8:21
 Operator : UM/SJ
 Sample : G4951-07
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-8-122215

Quant Time: Dec 26 00:59:45 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 16:48:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	53531	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	197209	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	94508	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	163480	20.00	ng	0.00
75) Chrysene-d12	13.95	240	112388	20.00	ng	-0.01
86) Perylene-d12	15.38	264	96947	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	187844	59.49	ng	0.00
7) Phenol-d6	6.45	99	139903	35.81	ng	0.00
23) Nitrobenzene-d5	7.37	82	318130	94.43	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	120154	119.22	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	607472	87.95	ng	0.00
78) Terphenyl-d14	12.90	244	455051	73.26	ng	0.00

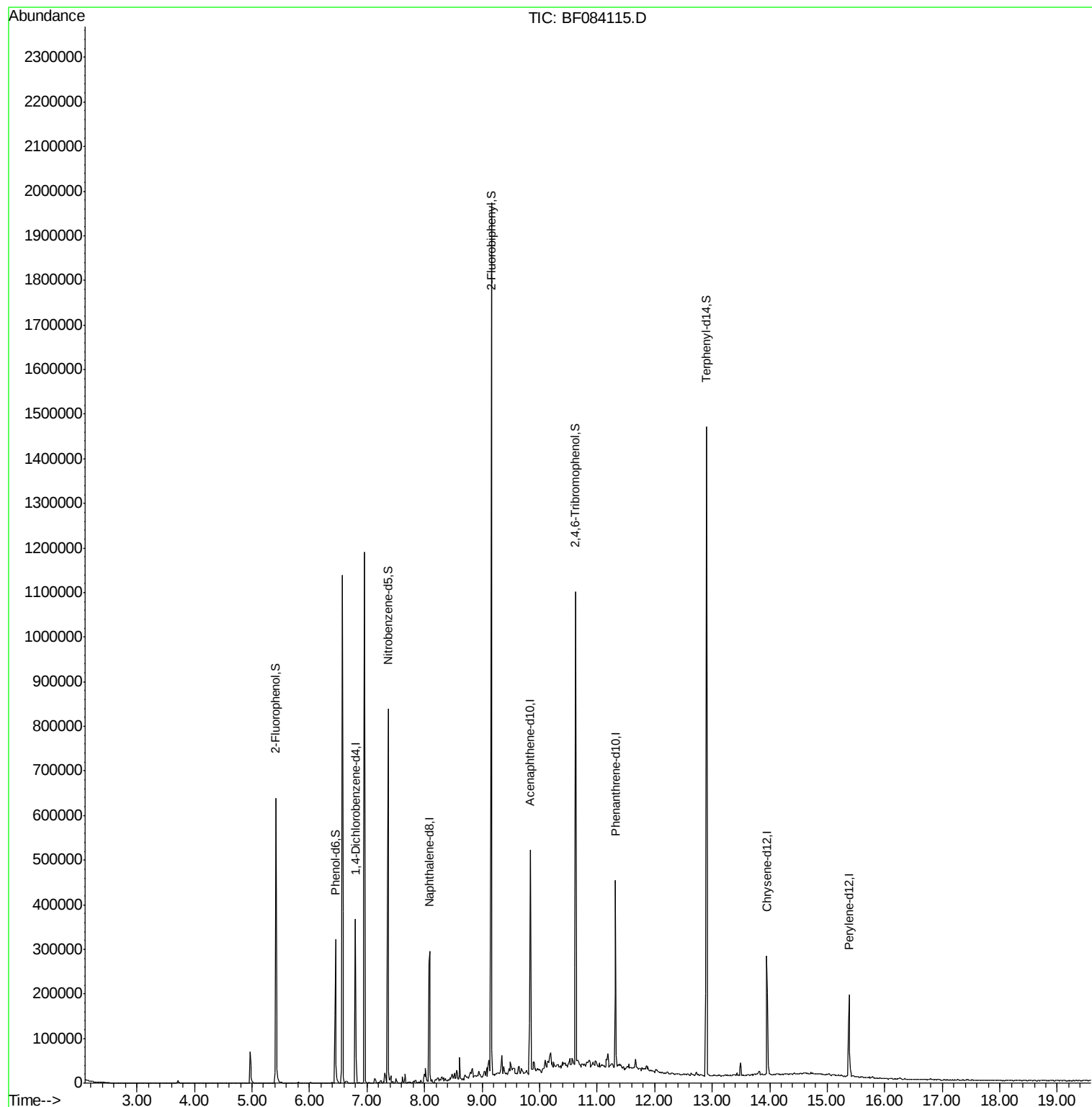
Target Compounds Qvalue

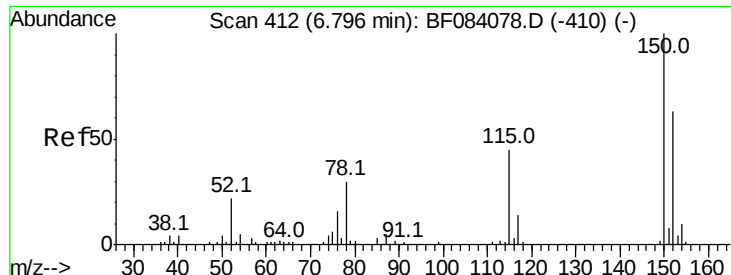
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF084115.D

Acq: 25 Dec 2015 8:21

Instrument :

BNA_F

ClientSampleId :

PZ-8-122215

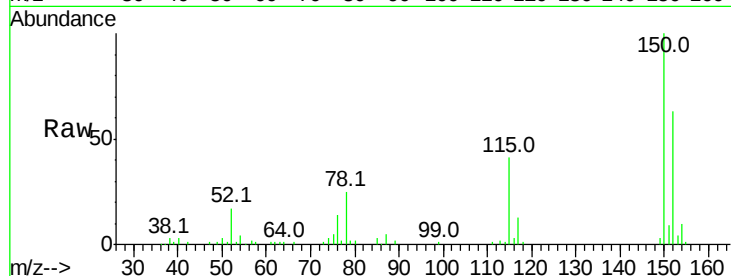
Tot Ion:152 Resp: 53531

Ion Ratio Lower Upper

152 100

150 158.1 123.0 184.4

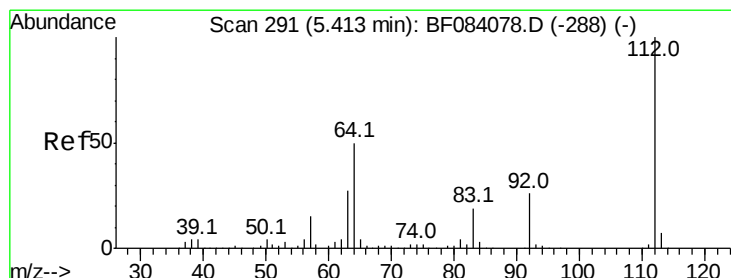
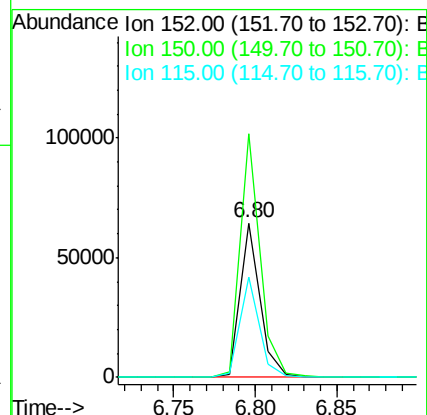
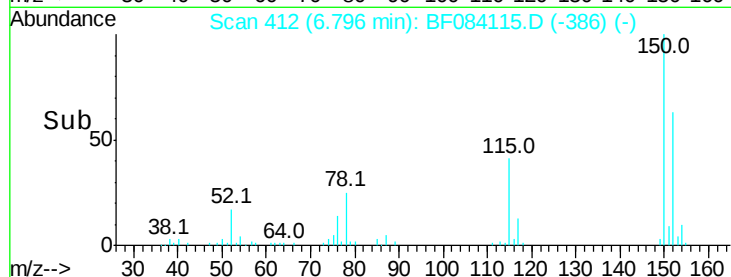
115 65.2 51.4 77.2



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: 59.49 ng

RT: 5.41 min Scan# 291

Delta R.T. 0.00 min

Lab File: BF084115.D

Acq: 25 Dec 2015 8:21

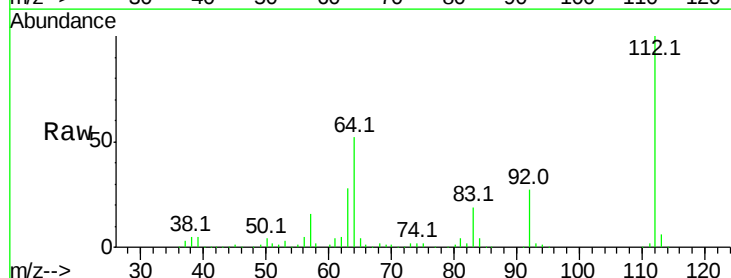
Tgt Ion:112 Resp: 187844

Ion Ratio Lower Upper

112 100

64 52.2 36.6 55.0

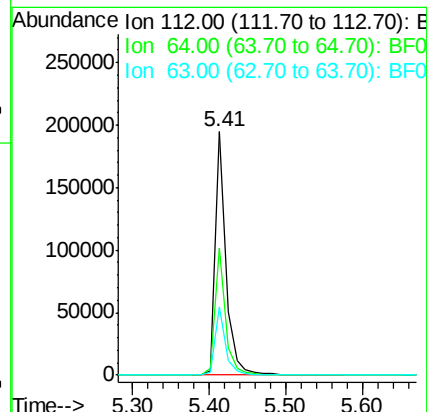
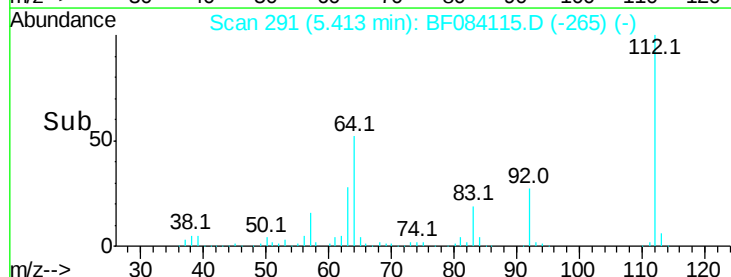
63 28.2 19.4 29.0

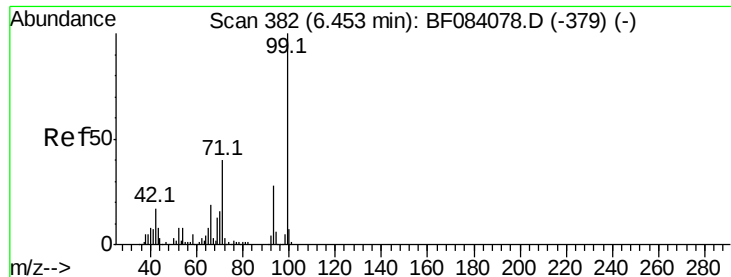


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.81 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF084115.D

Acq: 25 Dec 2015 8:21

Instrument :

BNA_F

ClientSampleId :

PZ-8-122215

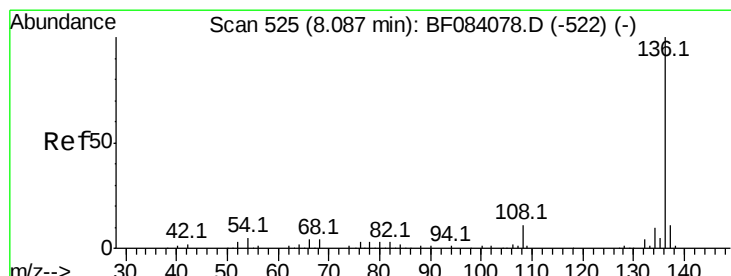
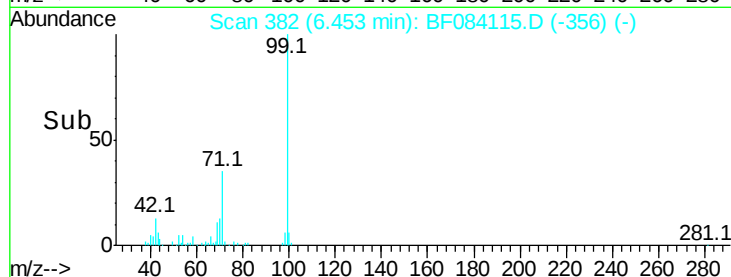
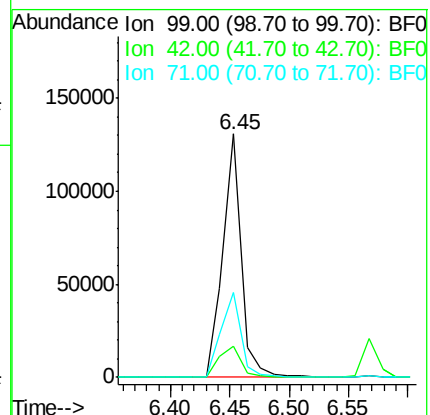
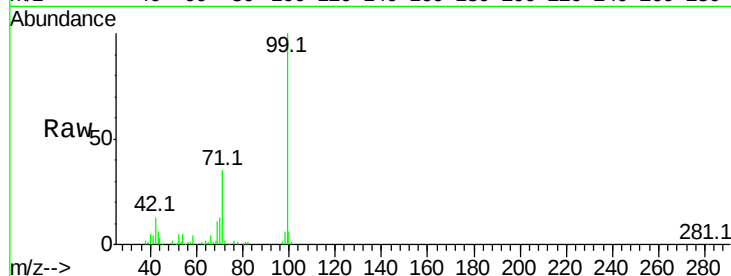
Tot Ion: 99 Resp: 139903

Ion Ratio Lower Upper

99 100

42 12.8 12.8 19.2

71 34.9 30.9 46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF084115.D

Acq: 25 Dec 2015 8:21

Tgt Ion: 136 Resp: 197209

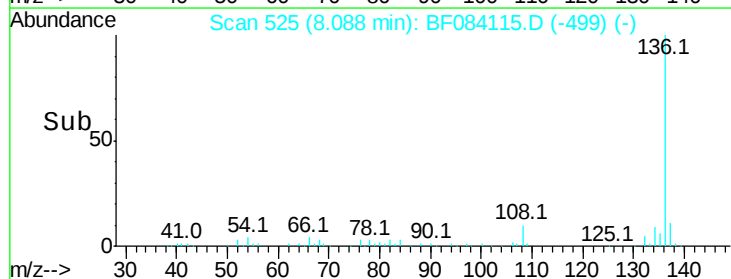
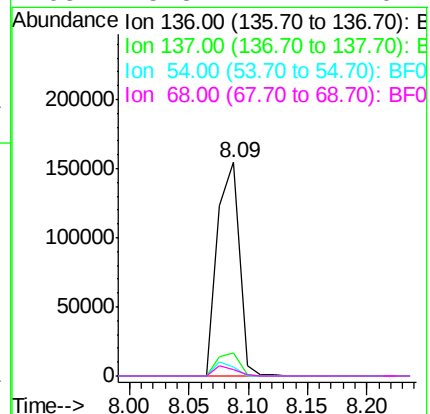
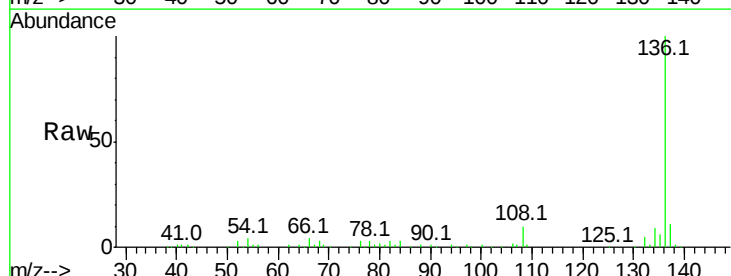
Ion Ratio Lower Upper

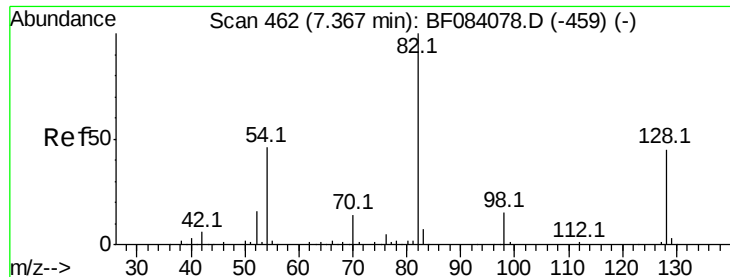
136 100

137 10.5 8.7 13.1

54 4.2 5.8 8.8#

68 3.3 4.2 6.2#

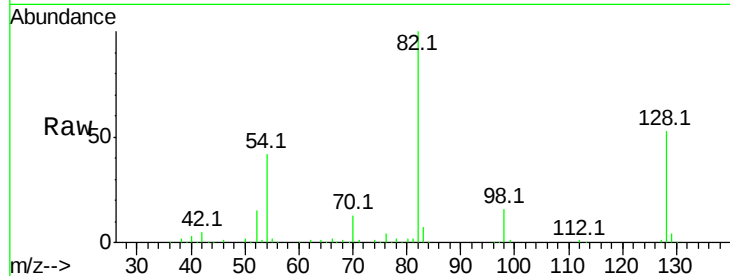




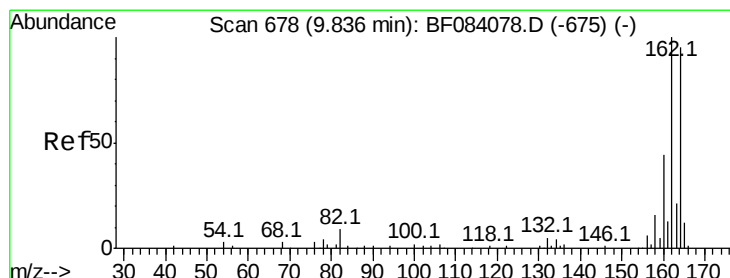
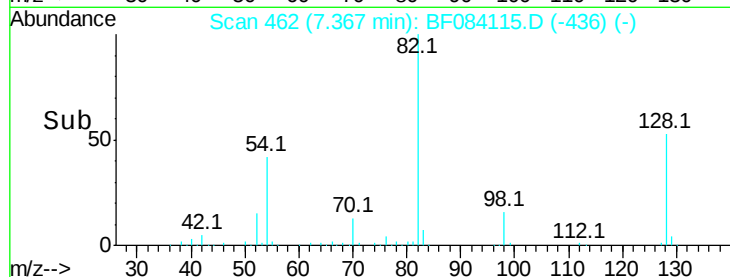
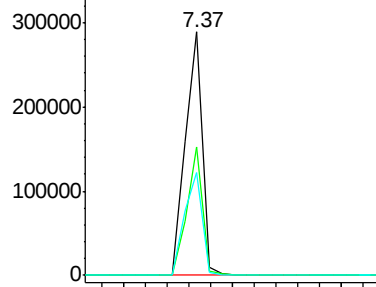
#23
 Nitrobenzene-d5
 Concen: 94.43 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF084115.D
 Acq: 25 Dec 2015 8:21

Instrument :
 BNA_F
 ClientSampleId :
 PZ-8-122215

Tot Ion	Ratio	Lower	Upper
82	100		
128	52.9	34.6	51.8#
54	42.5	38.4	57.6

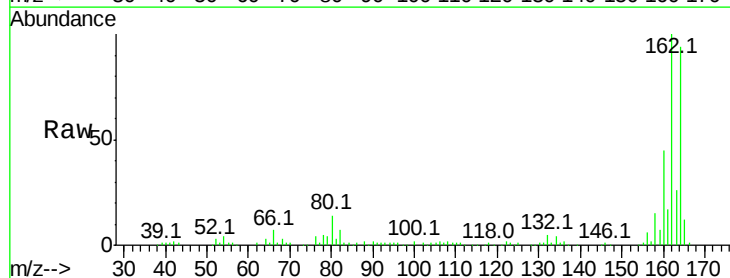


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

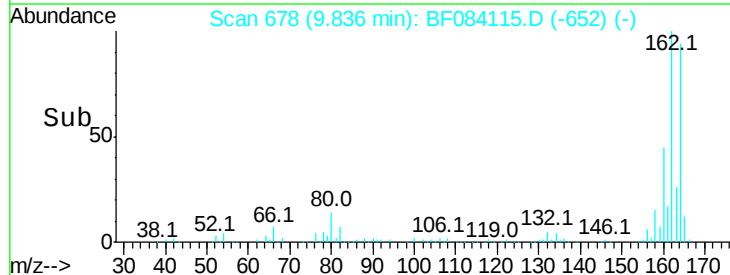
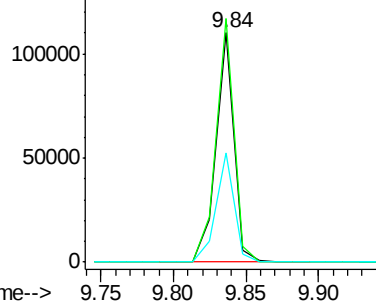


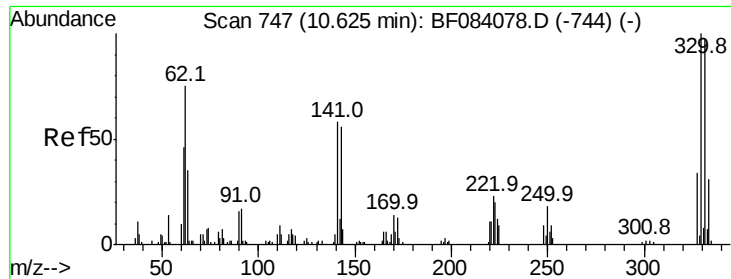
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF084115.D
 Acq: 25 Dec 2015 8:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.3	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

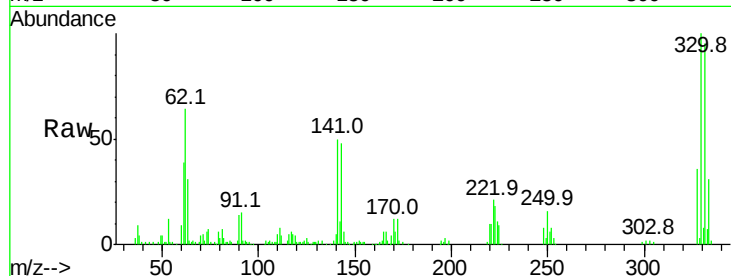




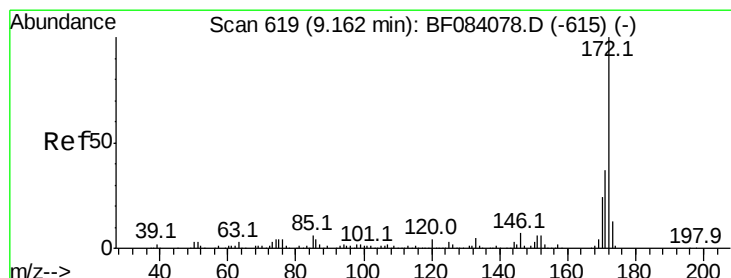
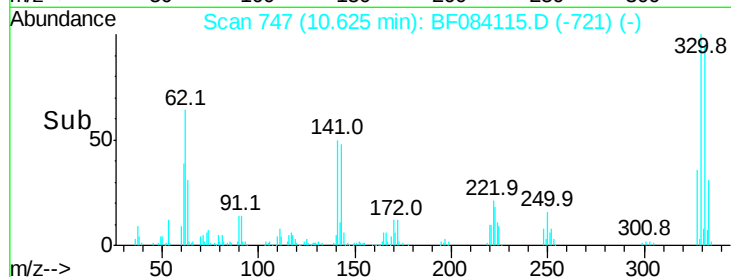
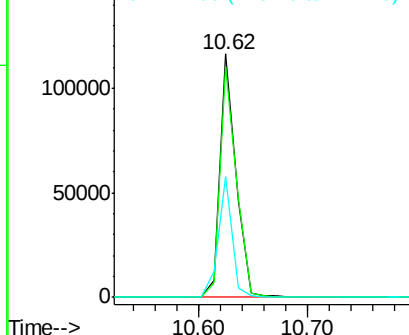
#41
 2,4,6-Tribromophenol
 Concen: 119.22 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF084115.D
 Acq: 25 Dec 2015 8:21

Instrument :
 BNA_F
 ClientSampleId :
 PZ-8-122215

Tot Ion:330 Resp: 120154
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 114.8
 141 43.7 27.8 41.6#

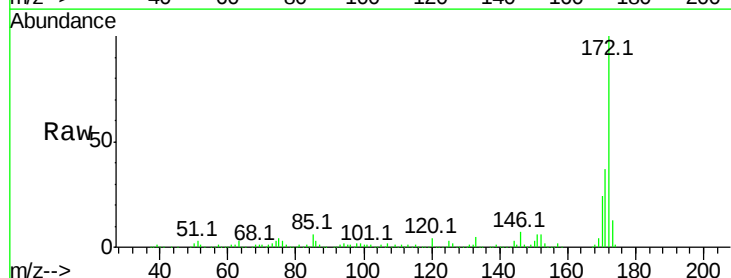


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

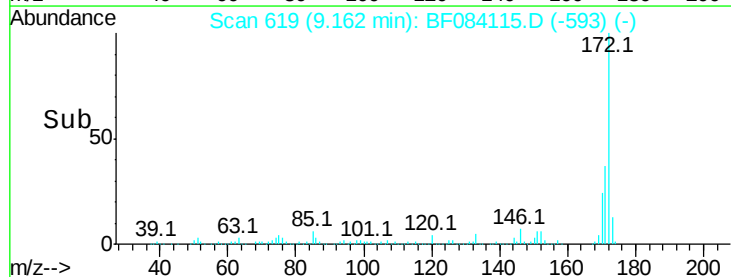
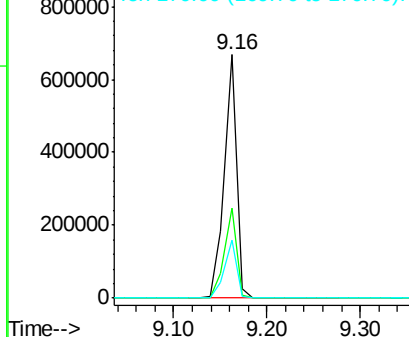


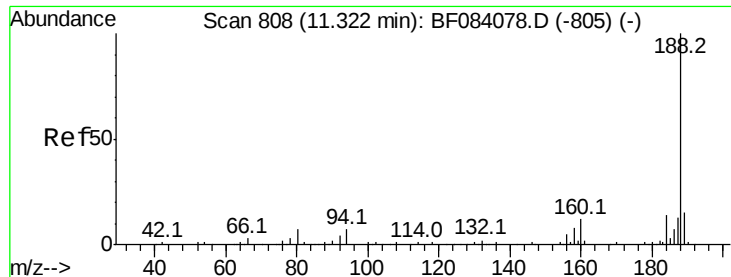
#44
 2-Fluorobiphenyl
 Concen: 87.95 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084115.D
 Acq: 25 Dec 2015 8:21

Tgt Ion:172 Resp: 607472
 Ion Ratio Lower Upper
 172 100
 171 36.8 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

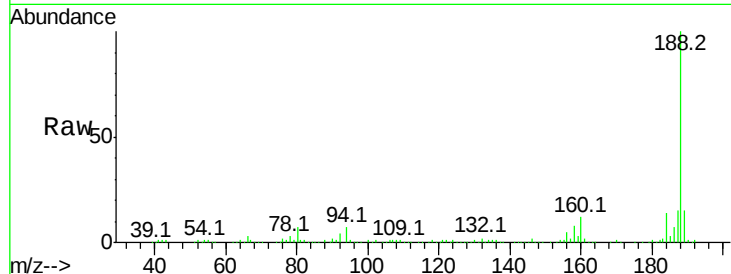




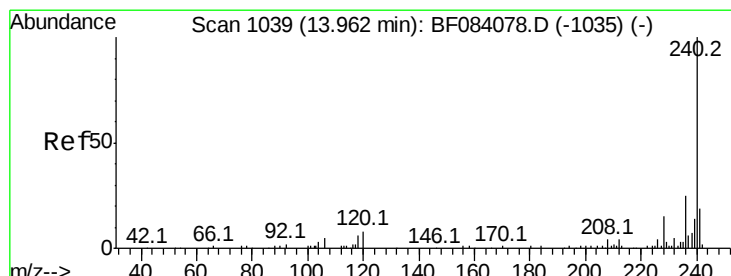
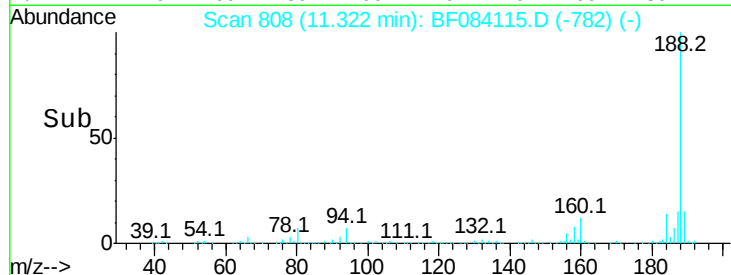
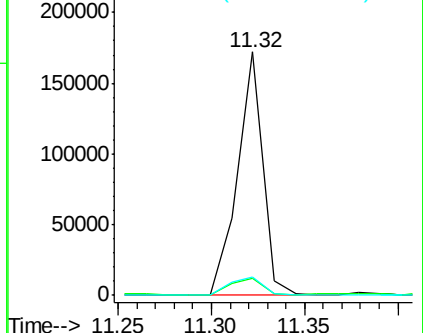
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF084115.D
Acq: 25 Dec 2015 8:21

Instrument :
BNA_F
ClientSampleId :
PZ-8-122215

Tot Ion:188 Resp: 163480
Ion Ratio Lower Upper
188 100
94 6.9 9.0 13.4#
80 7.4 9.6 14.4#

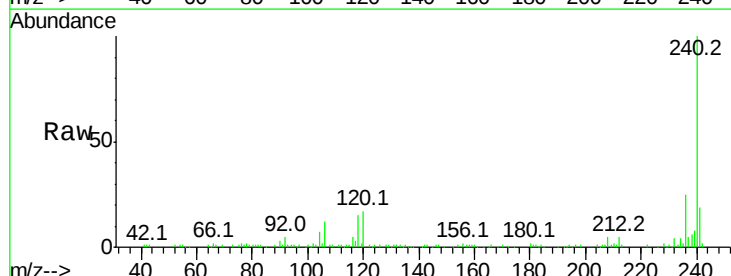


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

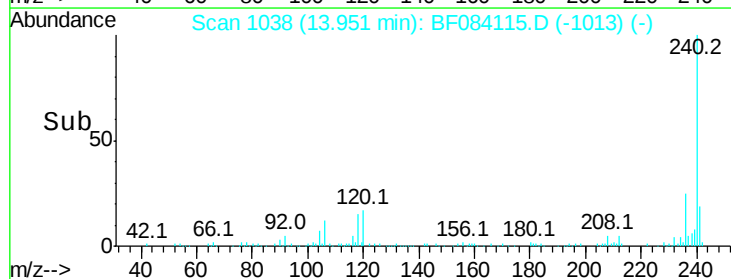
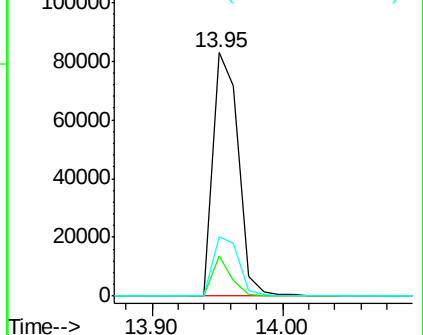


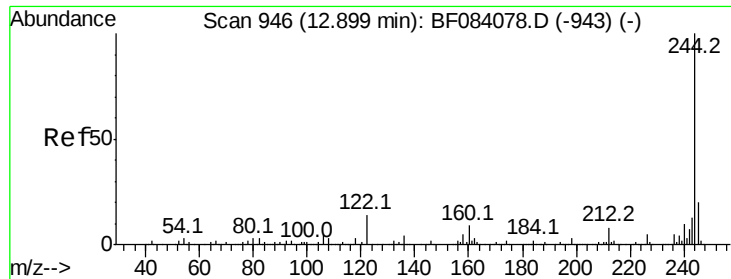
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF084115.D
Acq: 25 Dec 2015 8:21

Tgt Ion:240 Resp: 112388
Ion Ratio Lower Upper
240 100
120 16.6 9.5 14.3#
236 24.6 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

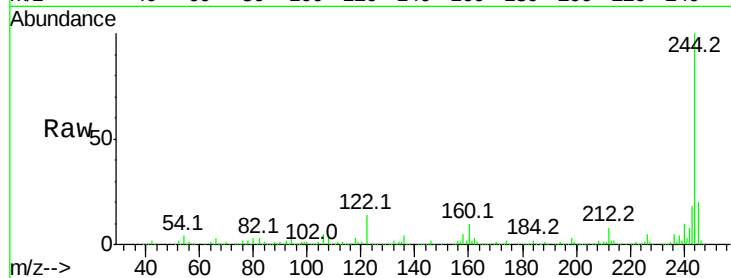




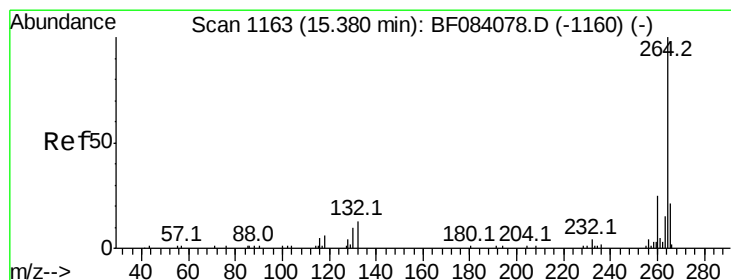
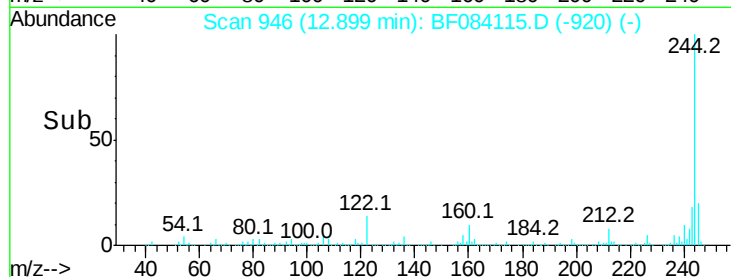
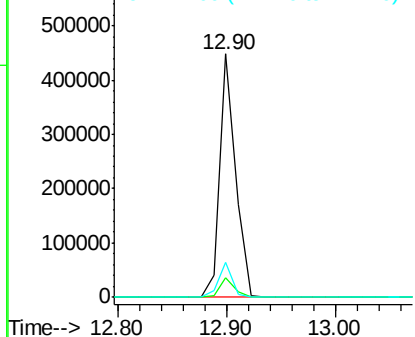
#78
 Terphenyl-d14
 Concen: 73.26 ng
 RT: 12.90 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF084115.D
 Acq: 25 Dec 2015 8:21

Instrument :
 BNA_F
 ClientSampleId :
 PZ-8-122215

Tot Ion:244 Resp: 455051
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.7 8.5
 122 14.2 7.4 11.0#

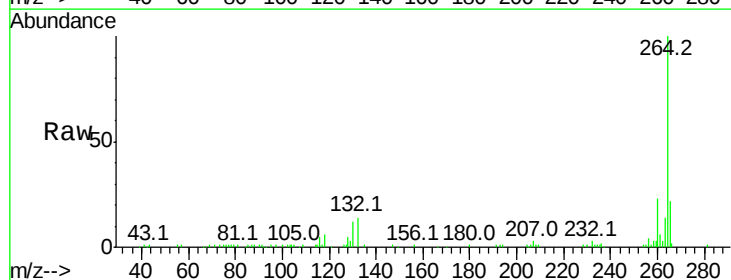


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF084115.D
 Acq: 25 Dec 2015 8:21

Tgt Ion:264 Resp: 96947
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.4 29.2
 265 21.7 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

