

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
 Data File : BF084113.D
 Acq On : 25 Dec 2015 7:24
 Operator : UM/SJ
 Sample : G4951-05
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIP-12-122215

Quant Time: Dec 26 00:52:51 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	51746	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	185139	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	91917	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	159120	20.00	ng	0.00
75) Chrysene-d12	13.95	240	122821	20.00	ng	-0.01
86) Perylene-d12	15.38	264	99598	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	85791	28.11	ng	0.00
7) Phenol-d6	6.45	99	66755	17.68	ng	0.00
23) Nitrobenzene-d5	7.36	82	150564	47.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	85030	86.75	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	368823	54.90	ng	0.00
78) Terphenyl-d14	12.90	244	337326	49.70	ng	0.00

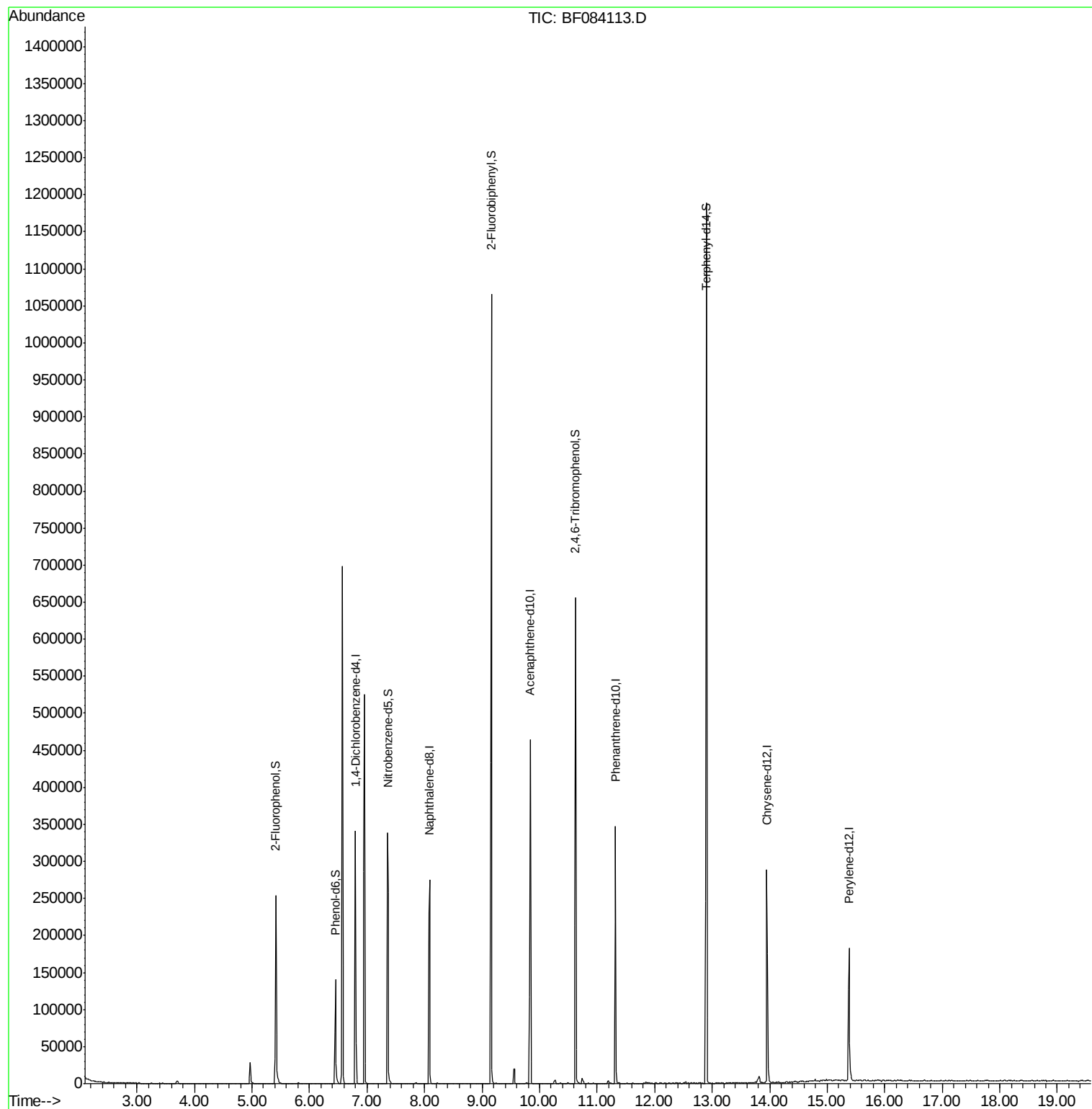
Target Compounds Qvalue

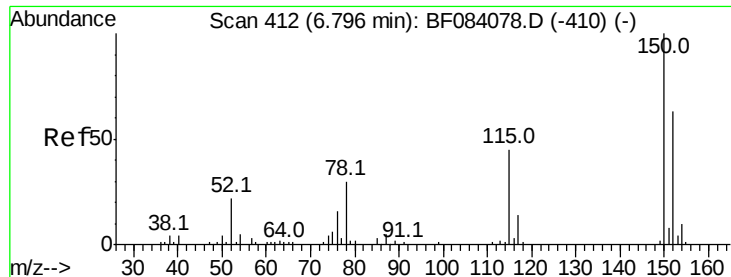
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084113.D

Acq: 25 Dec 2015 7:24

Instrument :

BNA_F

ClientSampleId :

LIP-12-122215

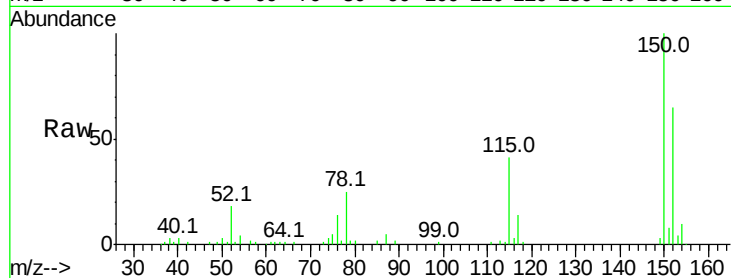
Tot Ion:152 Resp: 51746

Ion Ratio Lower Upper

152 100

150 153.3 123.0 184.4

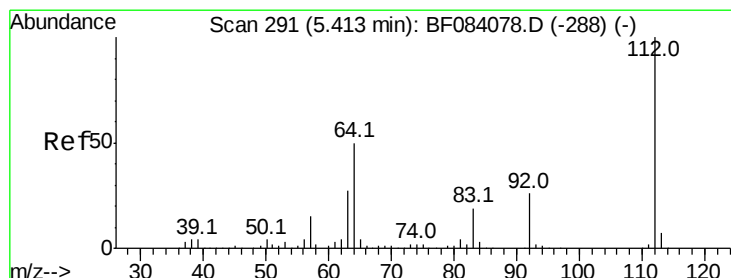
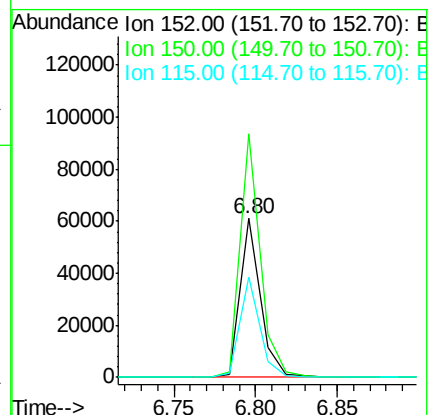
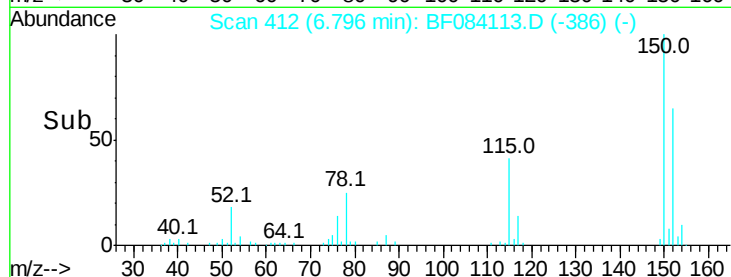
115 63.4 51.4 77.2



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: 28.11 ng

RT: 5.41 min Scan# 291

Delta R.T. 0.00 min

Lab File: BF084113.D

Acq: 25 Dec 2015 7:24

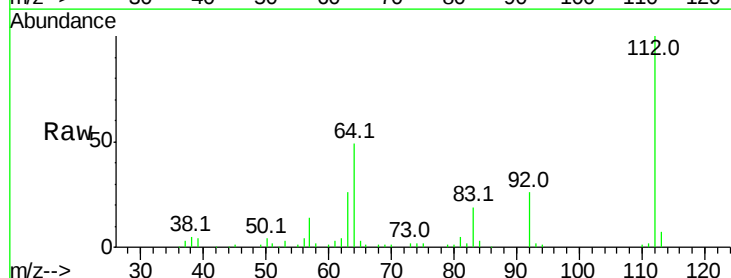
Tgt Ion:112 Resp: 85791

Ion Ratio Lower Upper

112 100

64 48.6 36.6 55.0

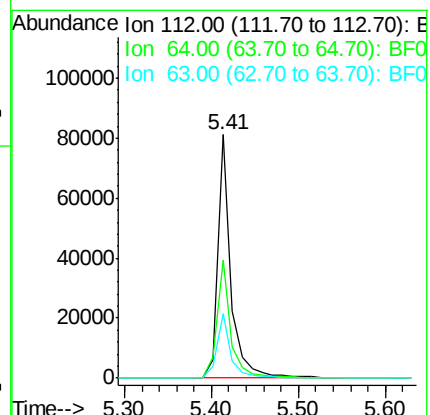
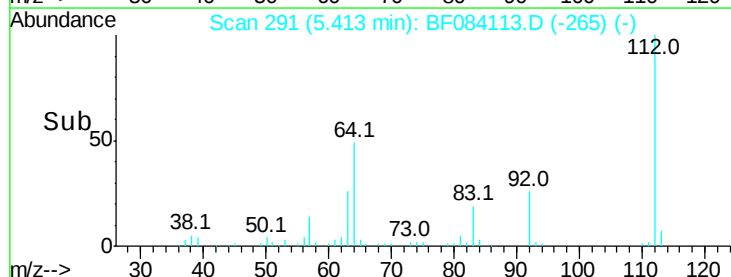
63 26.3 19.4 29.0

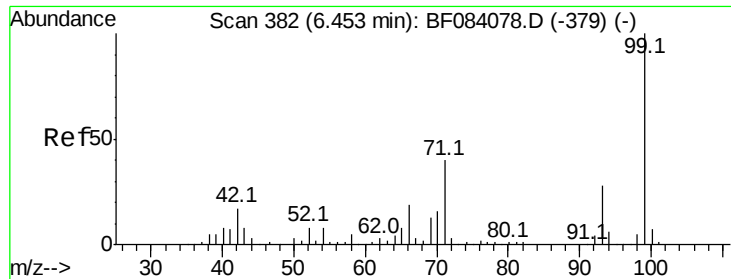


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 17.68 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF084113.D

Acq: 25 Dec 2015 7:24

Instrument :

BNA_F

ClientSampleId :

LIP-12-122215

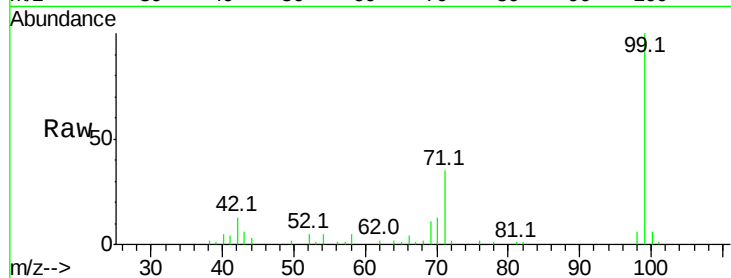
Tot Ion: 99 Resp: 66755

Ion Ratio Lower Upper

99 100

42 12.9 12.8 19.2

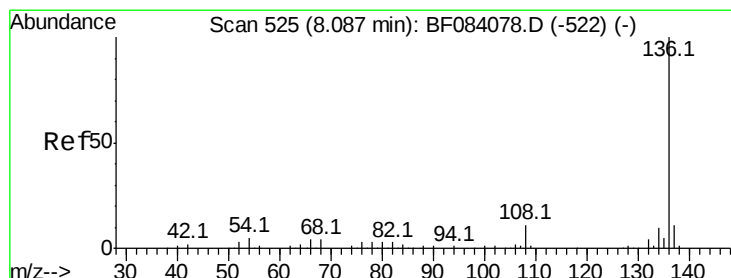
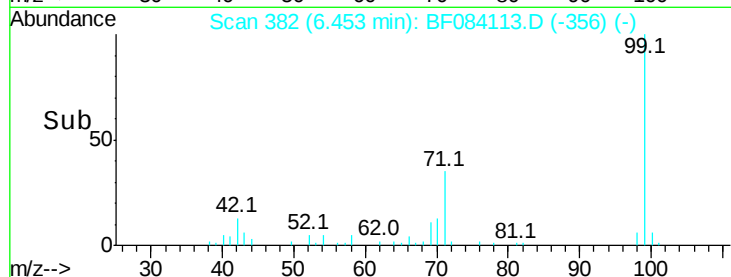
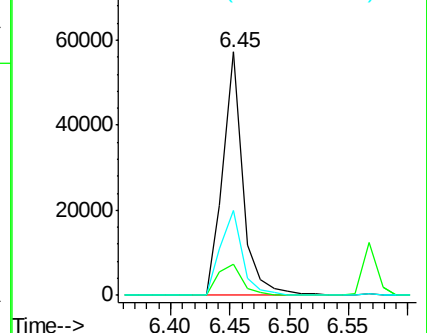
71 34.7 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF084113.D

Acq: 25 Dec 2015 7:24

Tgt Ion: 136 Resp: 185139

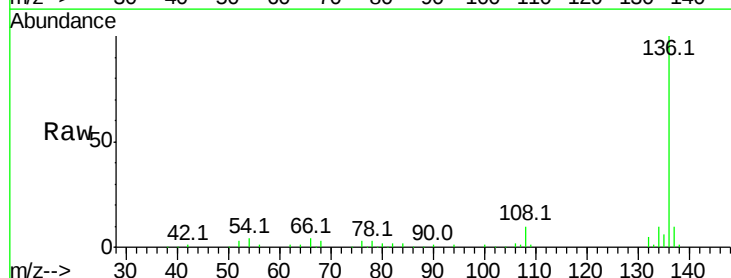
Ion Ratio Lower Upper

136 100

137 10.1 8.7 13.1

54 4.2 5.8 8.8#

68 3.2 4.2 6.2#

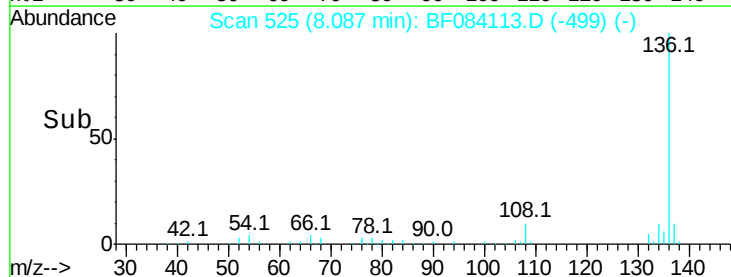
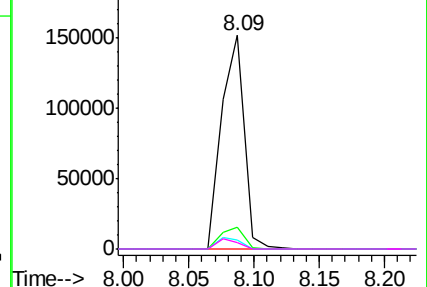


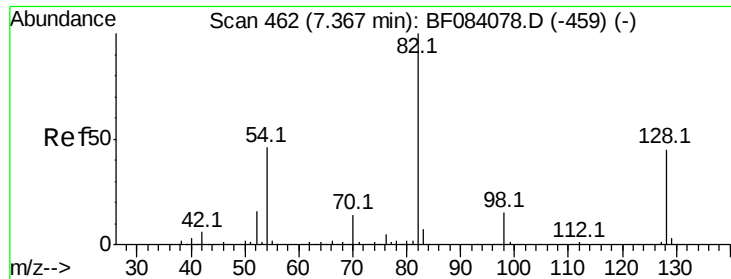
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

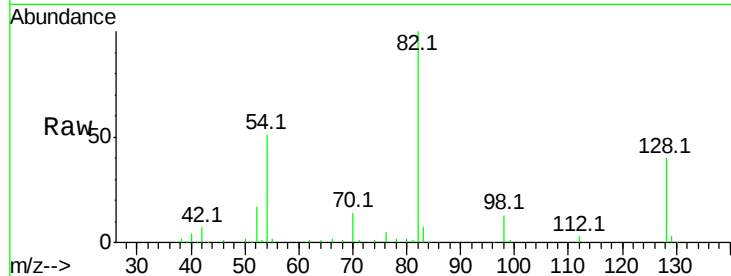




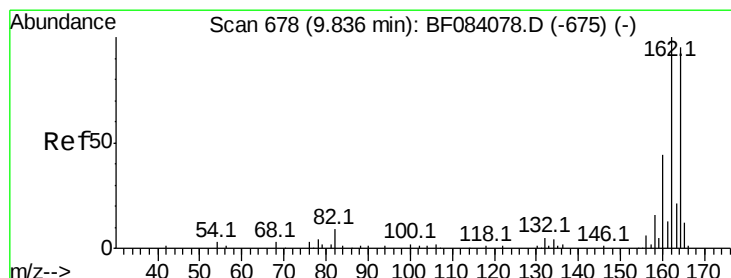
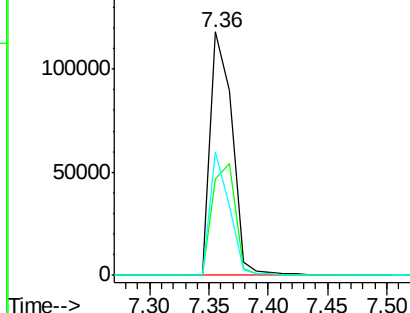
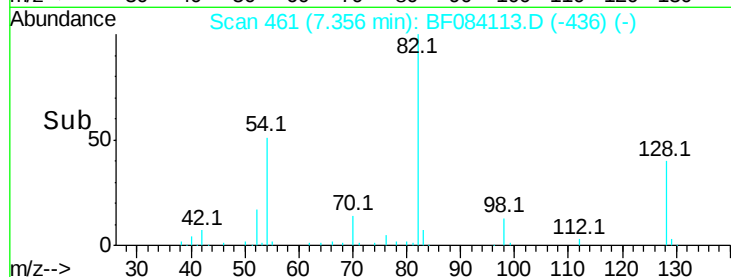
#23
 Nitrobenzene-d5
 Concen: 47.60 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF084113.D
 Acq: 25 Dec 2015 7:24

Instrument :
 BNA_F
 ClientSampleId :
 LIP-12-122215

Tot Ion	82	Resp	150564
Ion Ratio	100	Lower	Upper
128	39.6	34.6	51.8
54	50.5	38.4	57.6

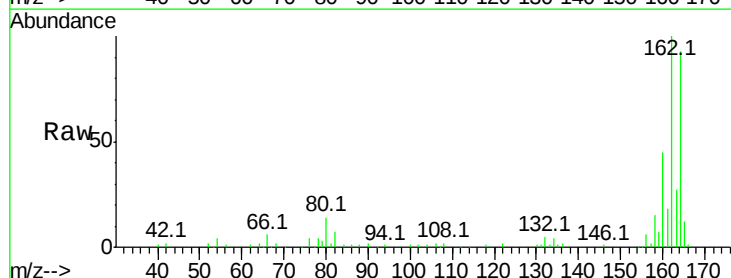


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

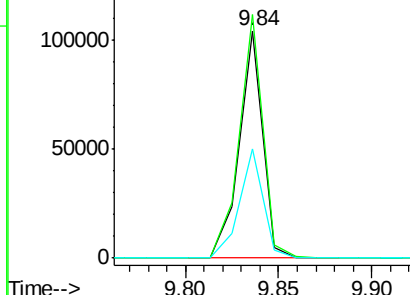
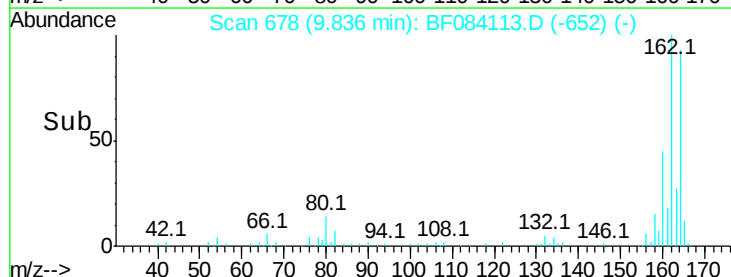


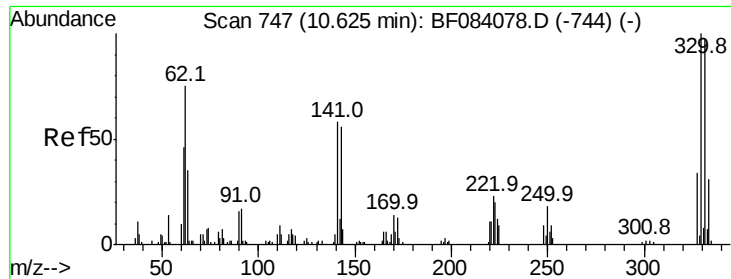
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: BF084113.D
 Acq: 25 Dec 2015 7:24

Tgt Ion	164	Resp	91917
Ion Ratio	100	Lower	Upper
162	107.0	85.1	127.7
160	48.3	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

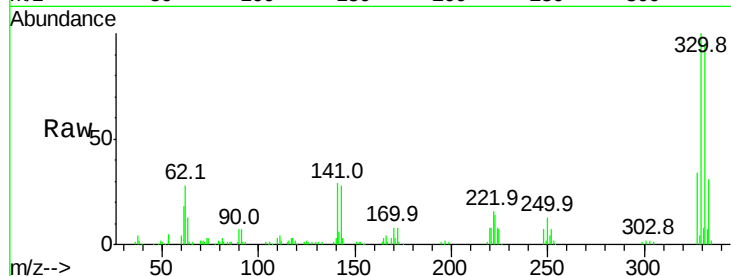




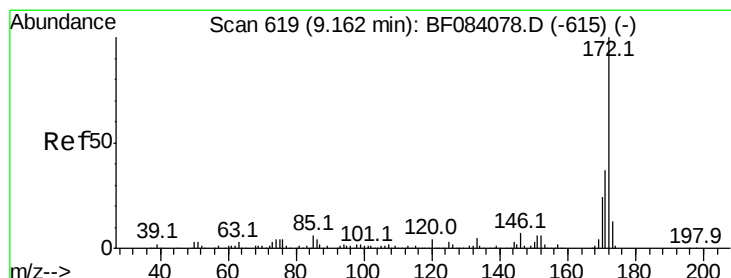
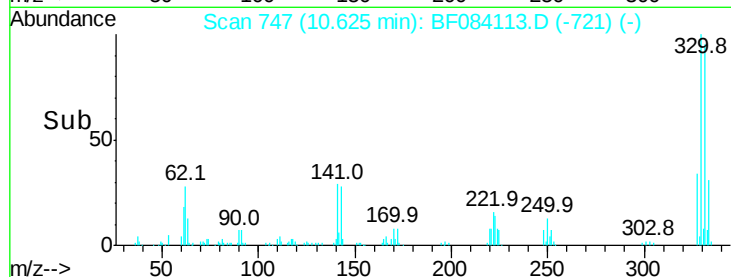
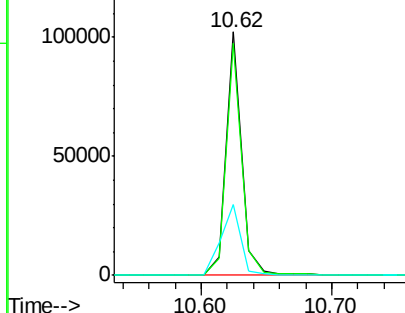
#41
 2,4,6-Tribromophenol
 Concen: 86.75 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF084113.D
 Acq: 25 Dec 2015 7:24

Instrument :
 BNA_F
 ClientSampleId :
 LIP-12-122215

Tot Ion:330 Resp: 85030
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 36.5 27.8 41.6

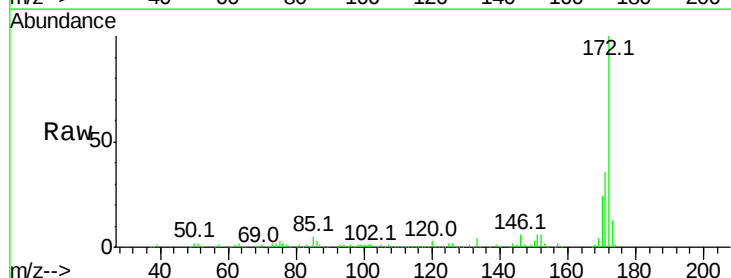


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

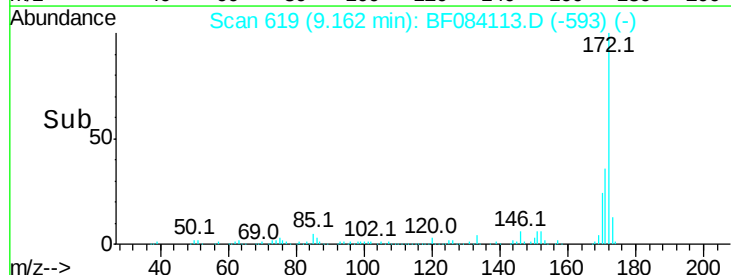
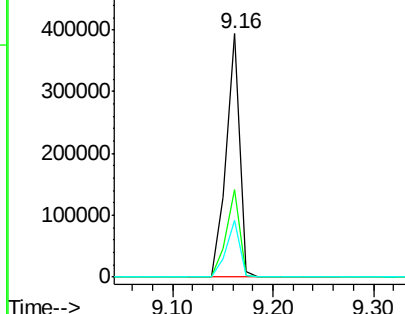


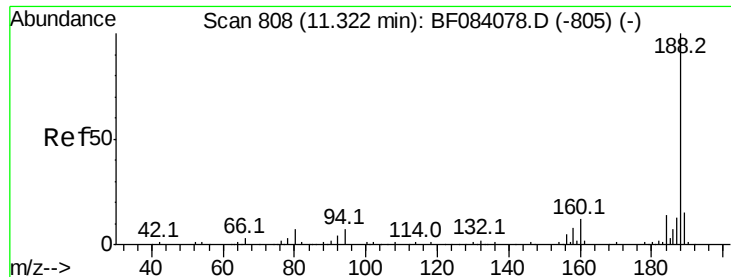
#44
 2-Fluorobiphenyl
 Concen: 54.90 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF084113.D
 Acq: 25 Dec 2015 7:24

Tgt Ion:172 Resp: 368823
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.9 43.3
 170 23.5 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

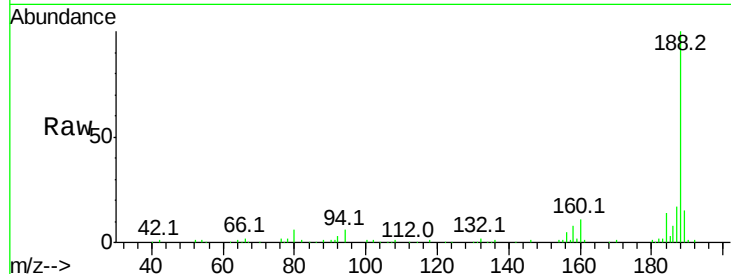




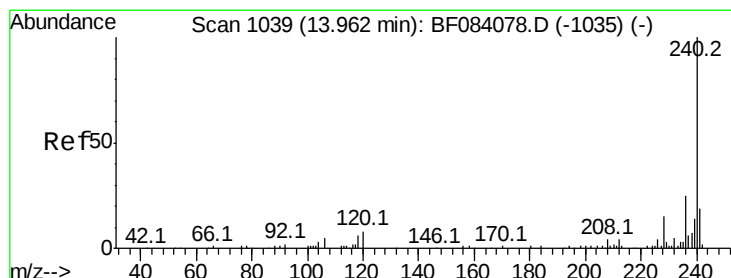
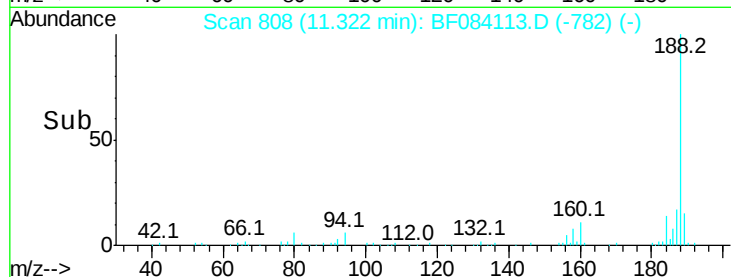
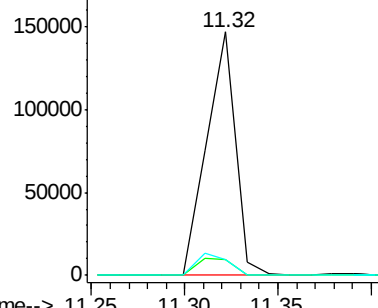
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF084113.D
Acq: 25 Dec 2015 7:24

Instrument :
BNA_F
ClientSampleId :
LIP-12-122215

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.3	9.0	13.4#
80	6.4	9.6	14.4#

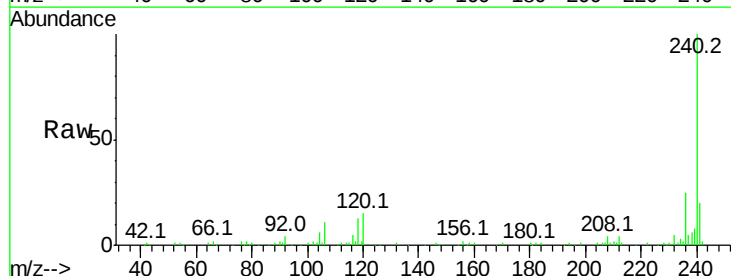


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

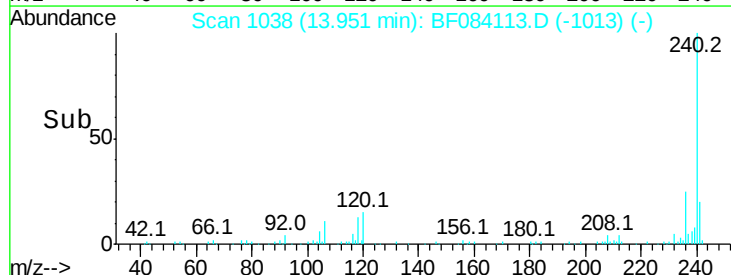
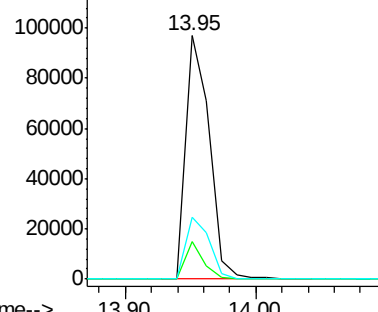


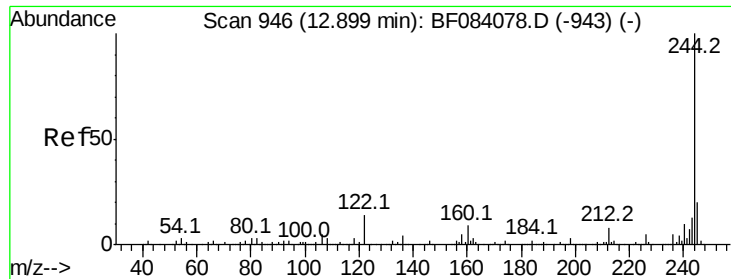
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF084113.D
Acq: 25 Dec 2015 7:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.3	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

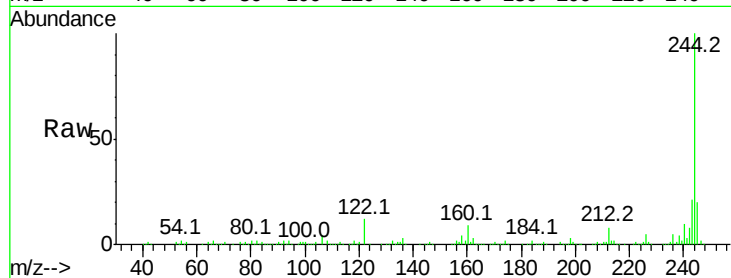




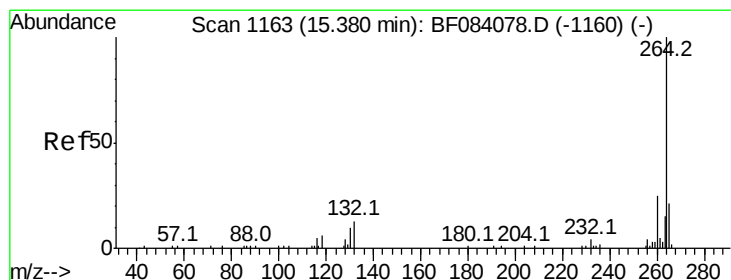
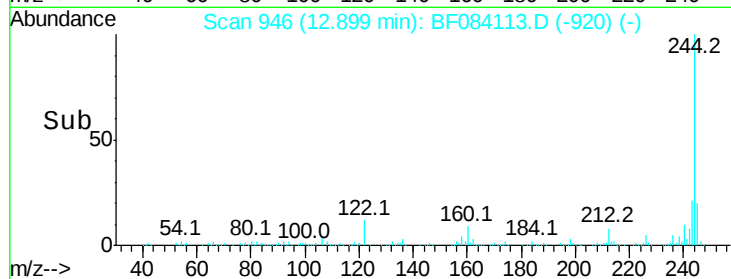
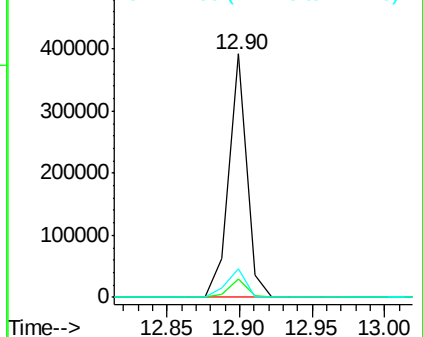
#78
 Terphenyl-d14
 Concen: 49.70 ng
 RT: 12.90 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BF084113.D
 Acq: 25 Dec 2015 7:24

Instrument :
 BNA_F
 ClientSampleId :
 LIP-12-122215

Tot Ion:244 Resp: 337326
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 11.7 7.4 11.0#

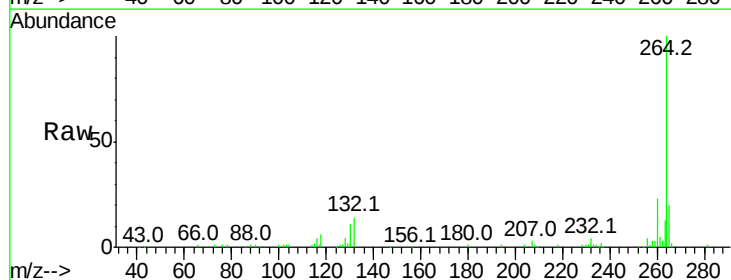


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF084113.D
 Acq: 25 Dec 2015 7:24

Tgt Ion:264 Resp: 99598
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.4 29.2
 265 19.6 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

