

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
 Data File : BF084647.D
 Acq On : 29 Jan 2016 20:51
 Operator : SJ/IZ
 Sample : PB88084BL
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88084BL

Quant Time: Jan 30 00:12:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:54:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	163215	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	710139	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	315354	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	656934	20.00	ng	0.00
75) Chrysene-d12	13.87	240	469755	20.00	ng	0.00
86) Perylene-d12	15.25	264	373454	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1267870	117.26	ng	0.02
7) Phenol-d6	6.37	99	1629543	125.74	ng	0.00
23) Nitrobenzene-d5	7.29	82	877789	69.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	400294	121.11	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1766073	83.24	ng	0.00
78) Terphenyl-d14	12.83	244	1781119	85.63	ng	0.00

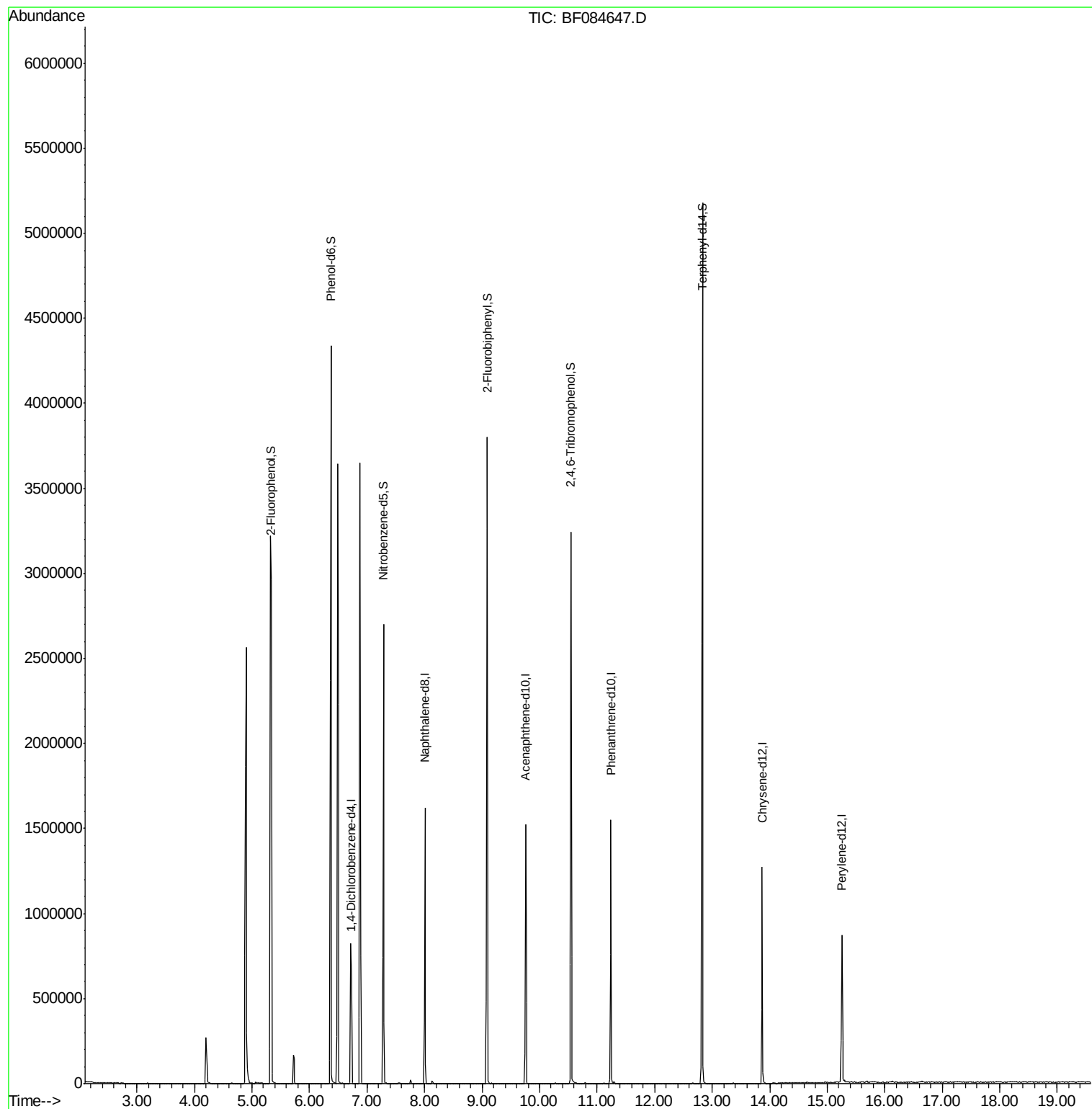
Target Compounds Qvalue

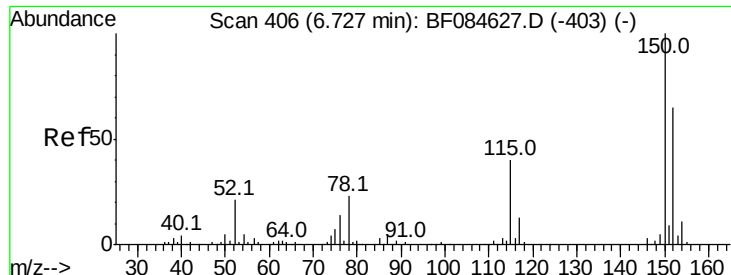
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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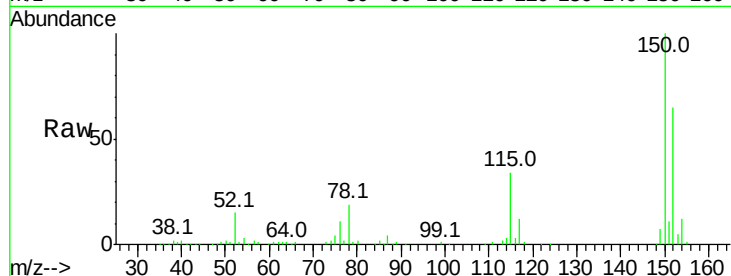


#1

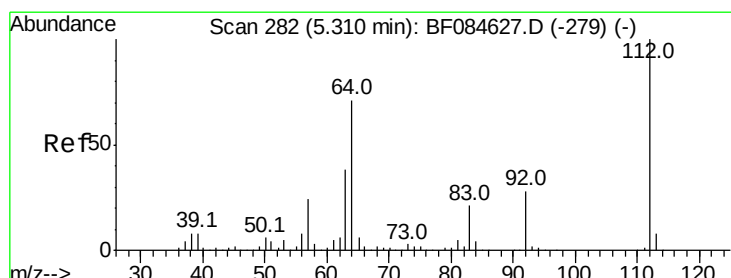
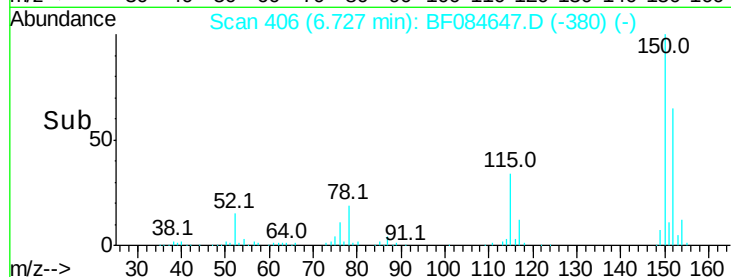
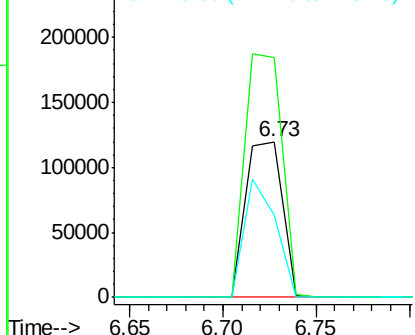
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.00 min
Lab File: BF084647.D
Acq: 29 Jan 2016 20:51

Instrument :
BNA_F
ClientSampleId :
PB88084BL

Tot Ion:152 Resp: 163215
Ion Ratio Lower Upper
152 100
150 153.9 123.0 184.4
115 52.8 51.4 77.2



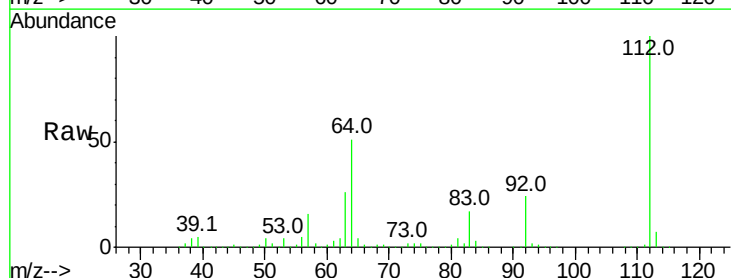
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



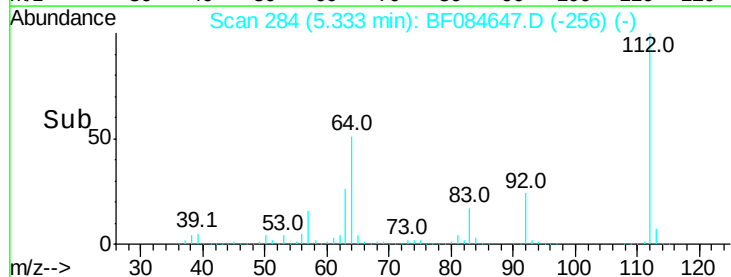
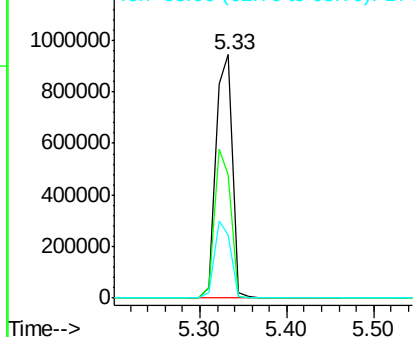
#5

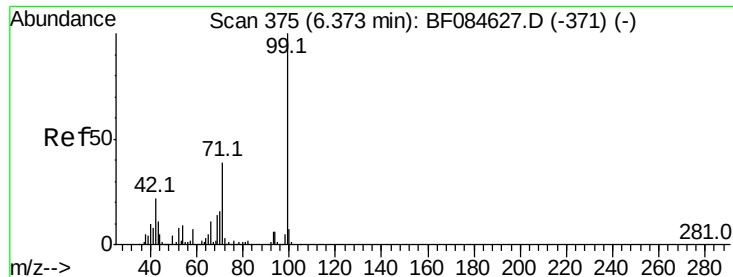
2-Fluorophenol
Concen: 117.26 ng
RT: 5.33 min Scan# 284
Delta R.T. 0.02 min
Lab File: BF084647.D
Acq: 29 Jan 2016 20:51

Tgt Ion:112 Resp: 1267870
Ion Ratio Lower Upper
112 100
64 50.7 36.6 55.0
63 26.1 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: 125.74 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084647.D

Acq: 29 Jan 2016 20:51

Instrument :

BNA_F

ClientSampleId :

PB88084BL

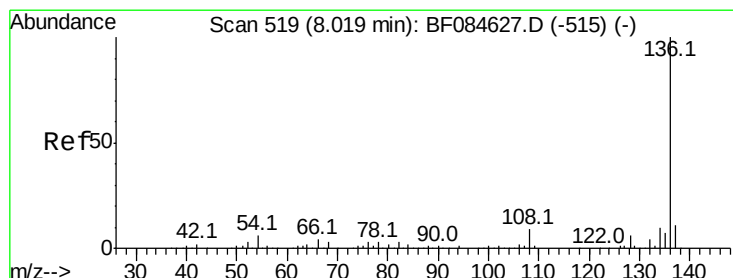
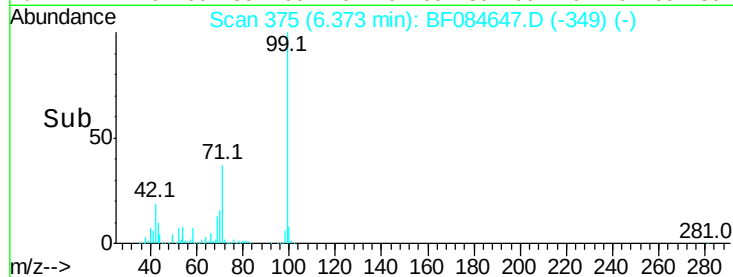
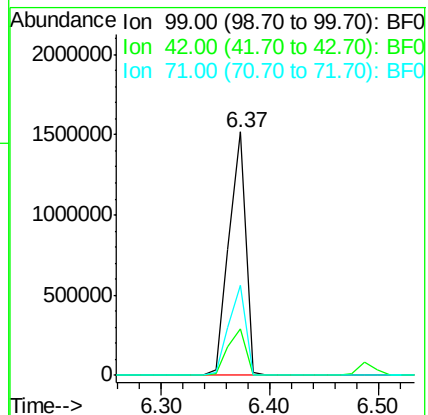
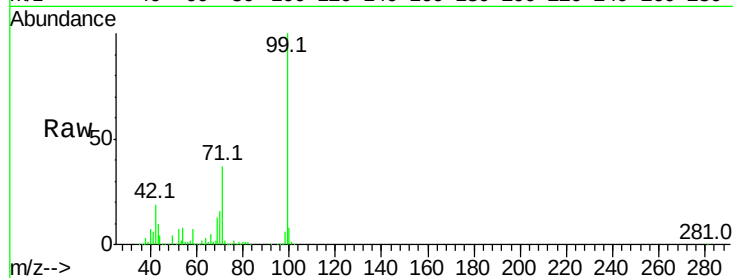
Tot Ion: 99 Resp: 1629543

Ion Ratio Lower Upper

99 100

42 19.0 12.8 19.2

71 36.8 30.9 46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF084647.D

Acq: 29 Jan 2016 20:51

Tgt Ion: 136 Resp: 710139

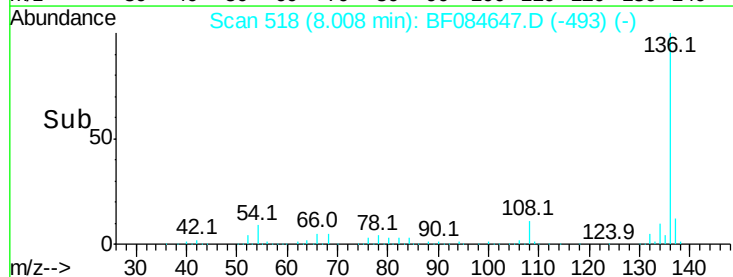
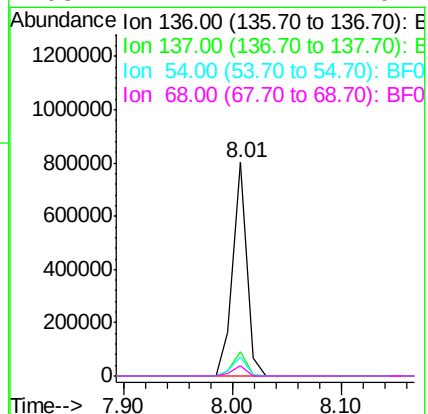
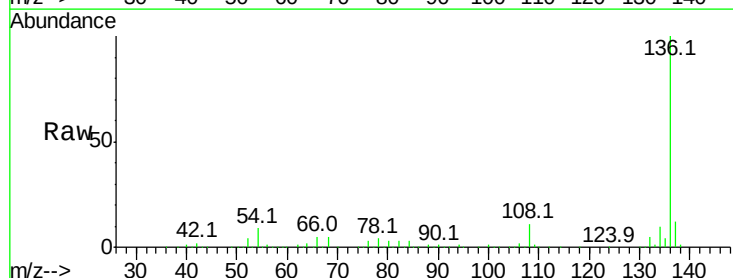
Ion Ratio Lower Upper

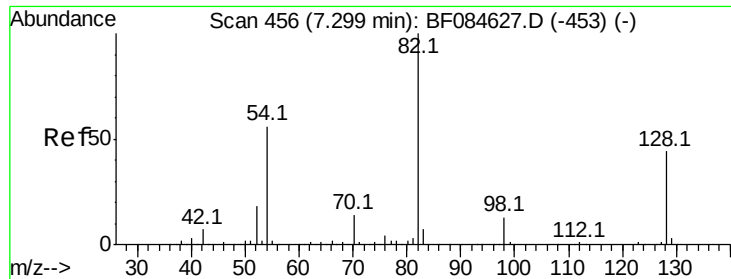
136 100

137 11.5 8.7 13.1

54 8.7 5.8 8.8

68 4.7 4.2 6.2

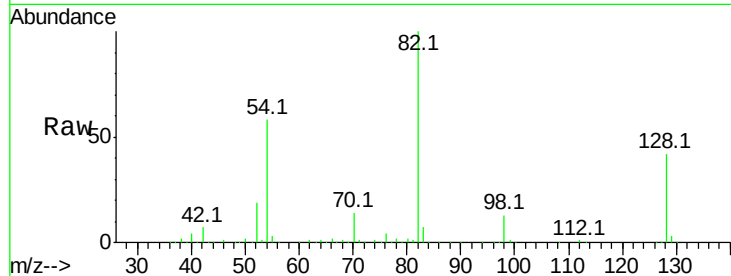




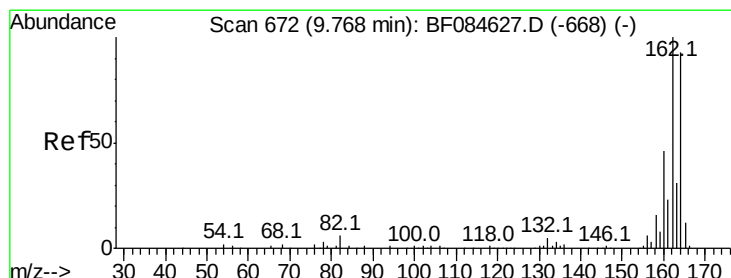
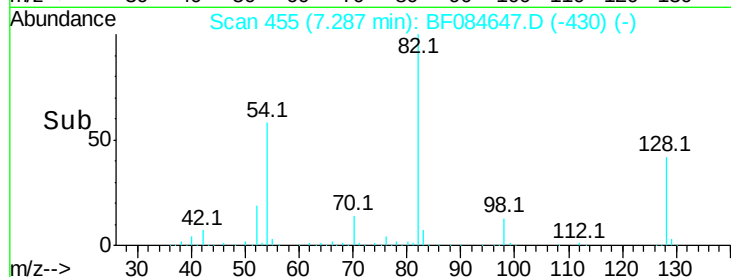
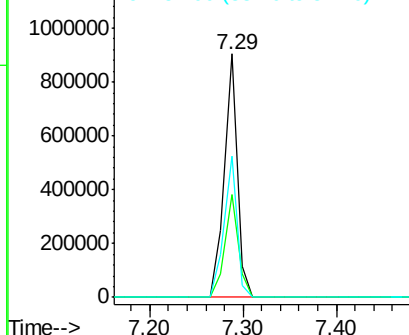
#23
 Nitrobenzene-d5
 Concen: 69.08 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF084647.D
 Acq: 29 Jan 2016 20:51

Instrument :
 BNA_F
 ClientSampleId :
 PB88084BL

Tot Ion: 82 Resp: 877789
 Ion Ratio Lower Upper
 82 100
 128 42.1 34.6 51.8
 54 58.0 38.4 57.6#

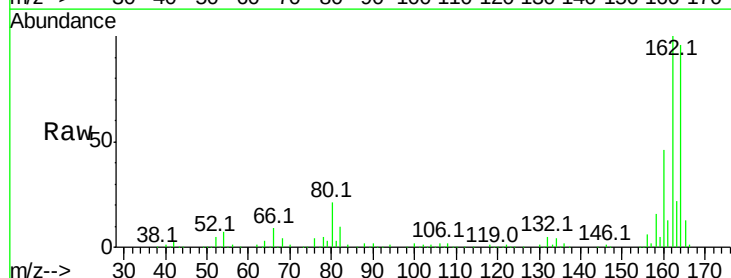


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

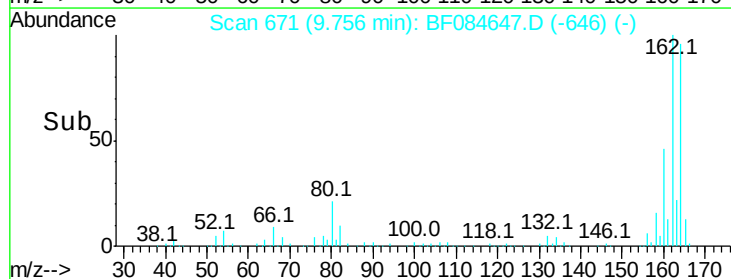
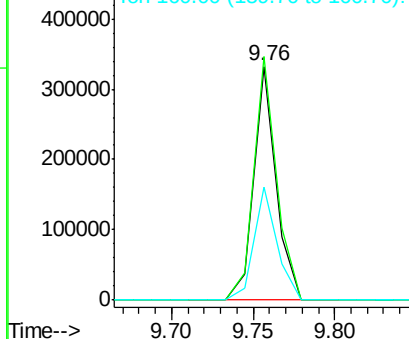


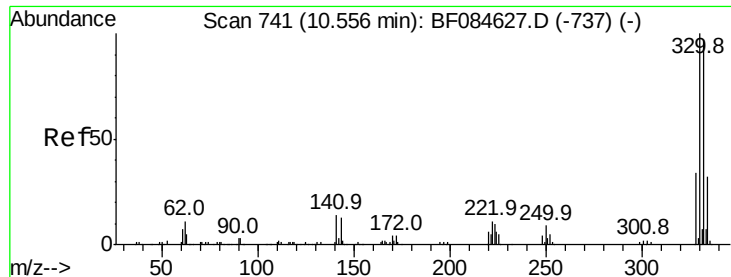
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.01 min
 Lab File: BF084647.D
 Acq: 29 Jan 2016 20:51

Tgt Ion: 164 Resp: 315354
 Ion Ratio Lower Upper
 164 100
 162 104.3 85.1 127.7
 160 48.4 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

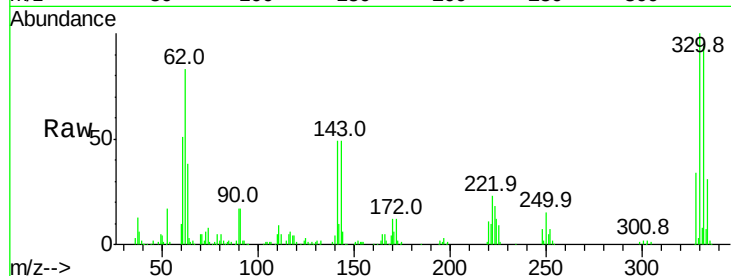




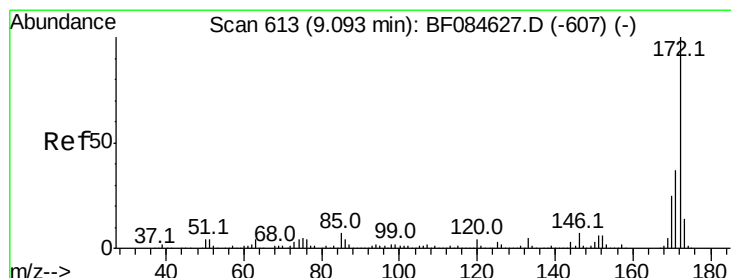
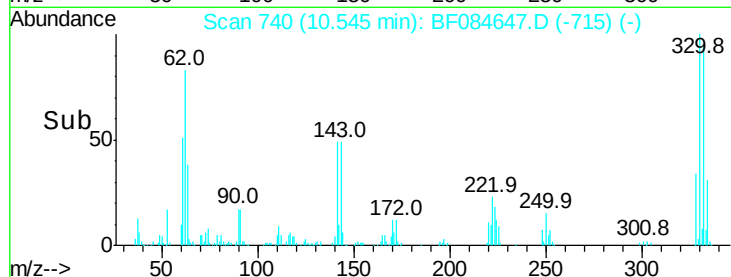
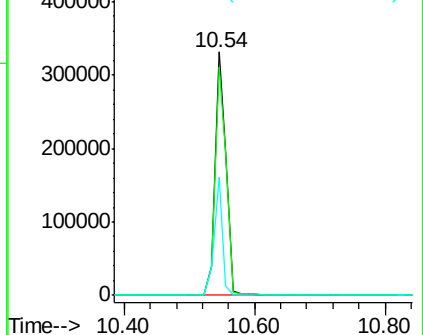
#41
 2,4,6-Tribromophenol
 Concen: 121.11 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF084647.D
 Acq: 29 Jan 2016 20:51

Instrument :
 BNA_F
 ClientSampleId :
 PB88084BL

Tot Ion:330 Resp: 400294
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 114.8
 141 37.0 27.8 41.6

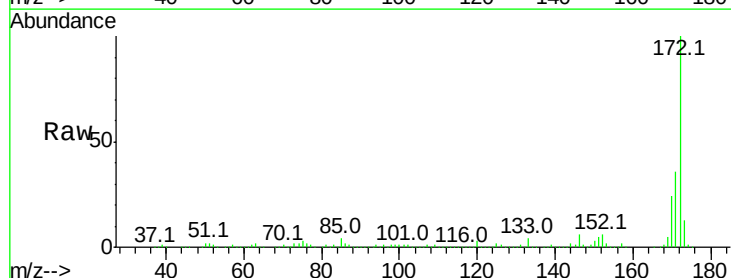


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

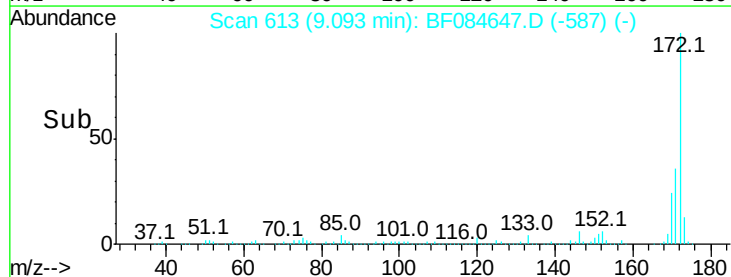
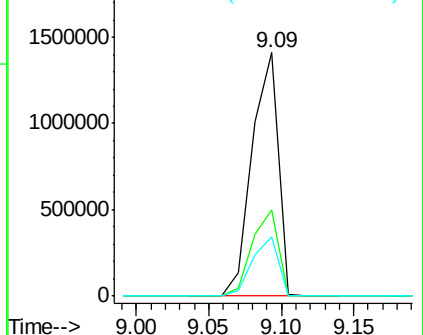


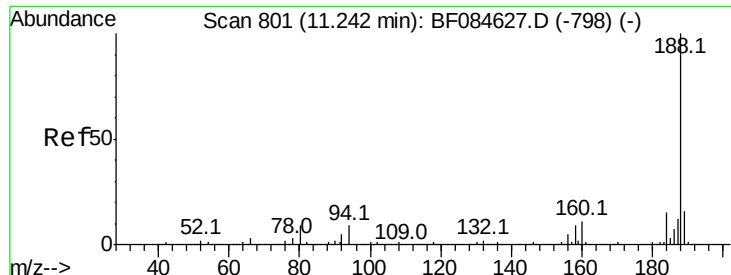
#44
 2-Fluorobiphenyl
 Concen: 83.24 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084647.D
 Acq: 29 Jan 2016 20:51

Tgt Ion:172 Resp: 1766073
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.9 43.3
 170 24.4 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

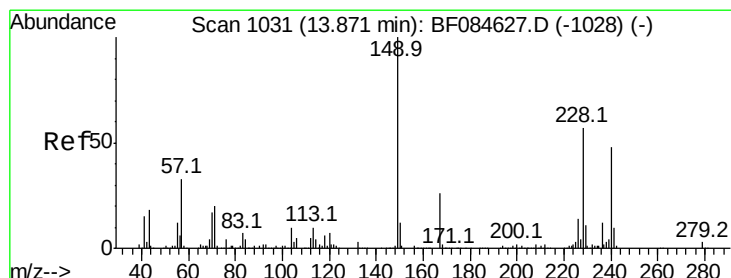
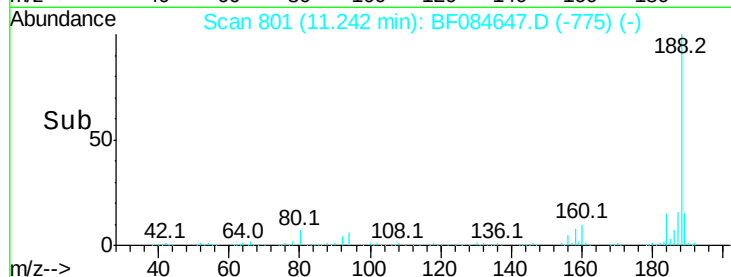
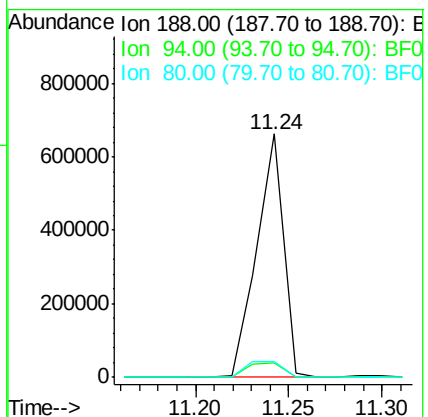
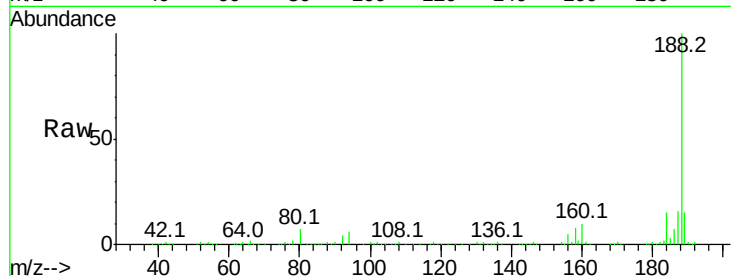




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF084647.D
Acq: 29 Jan 2016 20:51

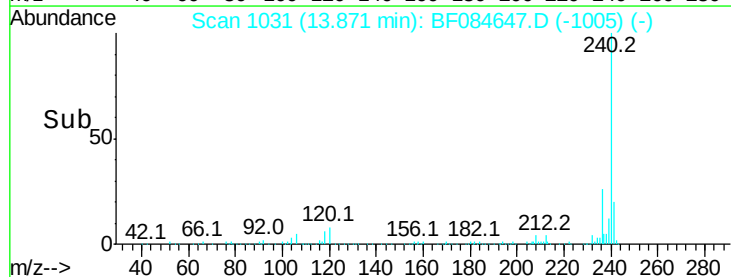
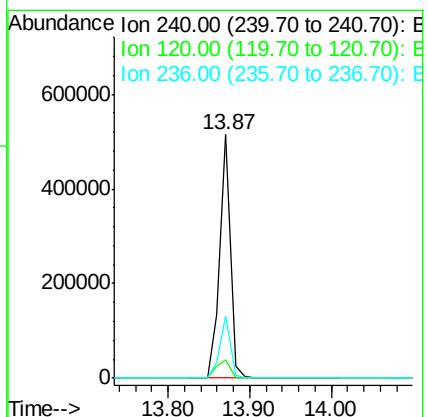
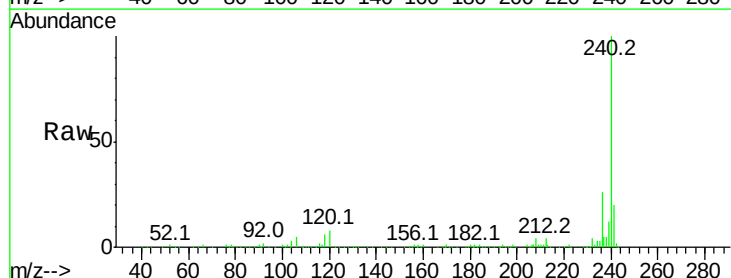
Instrument :
BNA_F
ClientSampleId :
PB88084BL

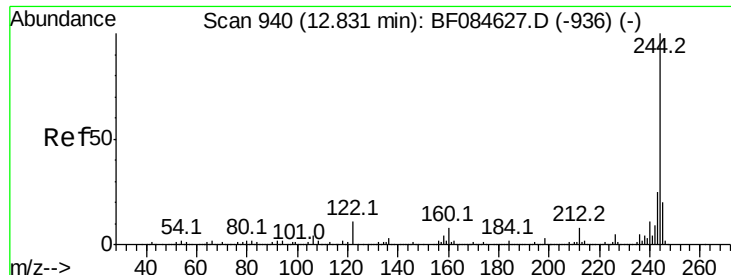
Tot Ion:188 Resp: 656934
Ion Ratio Lower Upper
188 100
94 6.2 9.0 13.4#
80 6.6 9.6 14.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF084647.D
Acq: 29 Jan 2016 20:51

Tgt Ion:240 Resp: 469755
Ion Ratio Lower Upper
240 100
120 7.6 9.5 14.3#
236 25.5 20.6 31.0





#78

Terphenyl-d14

Concen: 85.63 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF084647.D

Acq: 29 Jan 2016 20:51

Instrument :

BNA_F

ClientSampleId :

PB88084BL

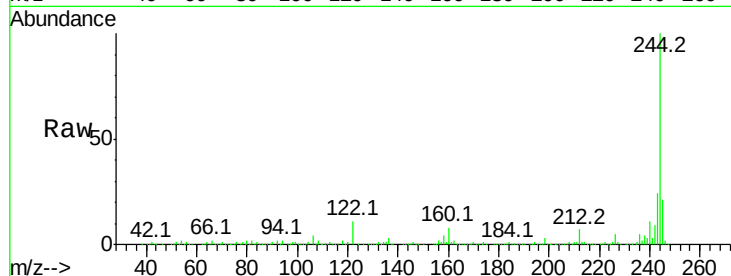
Tot Ion:244 Resp: 1781119

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

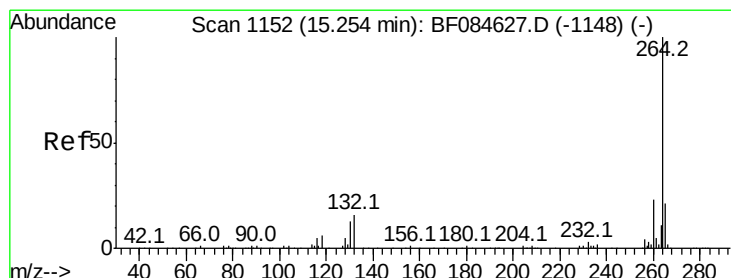
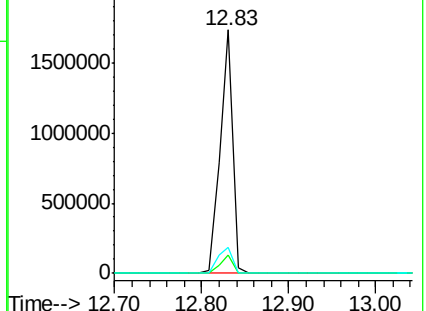
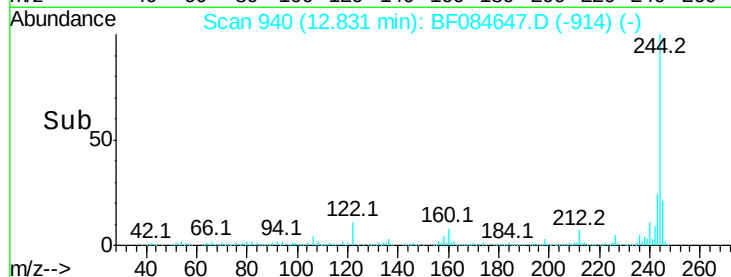
122 10.6 7.4 11.0



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: 15.25 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF084647.D

Acq: 29 Jan 2016 20:51

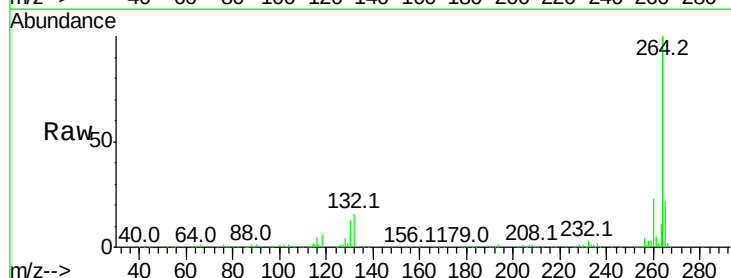
Tgt Ion:264 Resp: 373454

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.2

265 21.8 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

