

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
 Data File : BF081719.D
 Acq On : 21 Sep 2015 17:51
 Operator : UM/IZ
 Sample : G3717-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIP-12-9-16-15

Quant Time: Sep 22 02:12:37 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	40973	20.00	ng	-0.06
21) Naphthalene-d8	11.05	136	160296	20.00	ng	-0.07
38) Acenaphthene-d10	15.19	164	73561	20.00	ng	-0.07
63) Phenanthrene-d10	18.70	188	151209	20.00	ng	-0.06
75) Chrysene-d12	23.35	240	126521	20.00	ng	-0.03
86) Perylene-d12	24.78	264	89128	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	161421	61.12	ng	-0.03
7) Phenol-d6	7.59	99	135887	38.87	ng	-0.06
23) Nitrobenzene-d5	9.46	82	370276	111.45	ng	-0.07
41) 2,4,6-Tribromophenol	17.10	330	115320	176.06	ng	-0.07
44) 2-Fluorobiphenyl	13.71	172	640902	111.65	ng	-0.07
78) Terphenyl-d14	22.07	244	570310	104.93	ng	-0.04

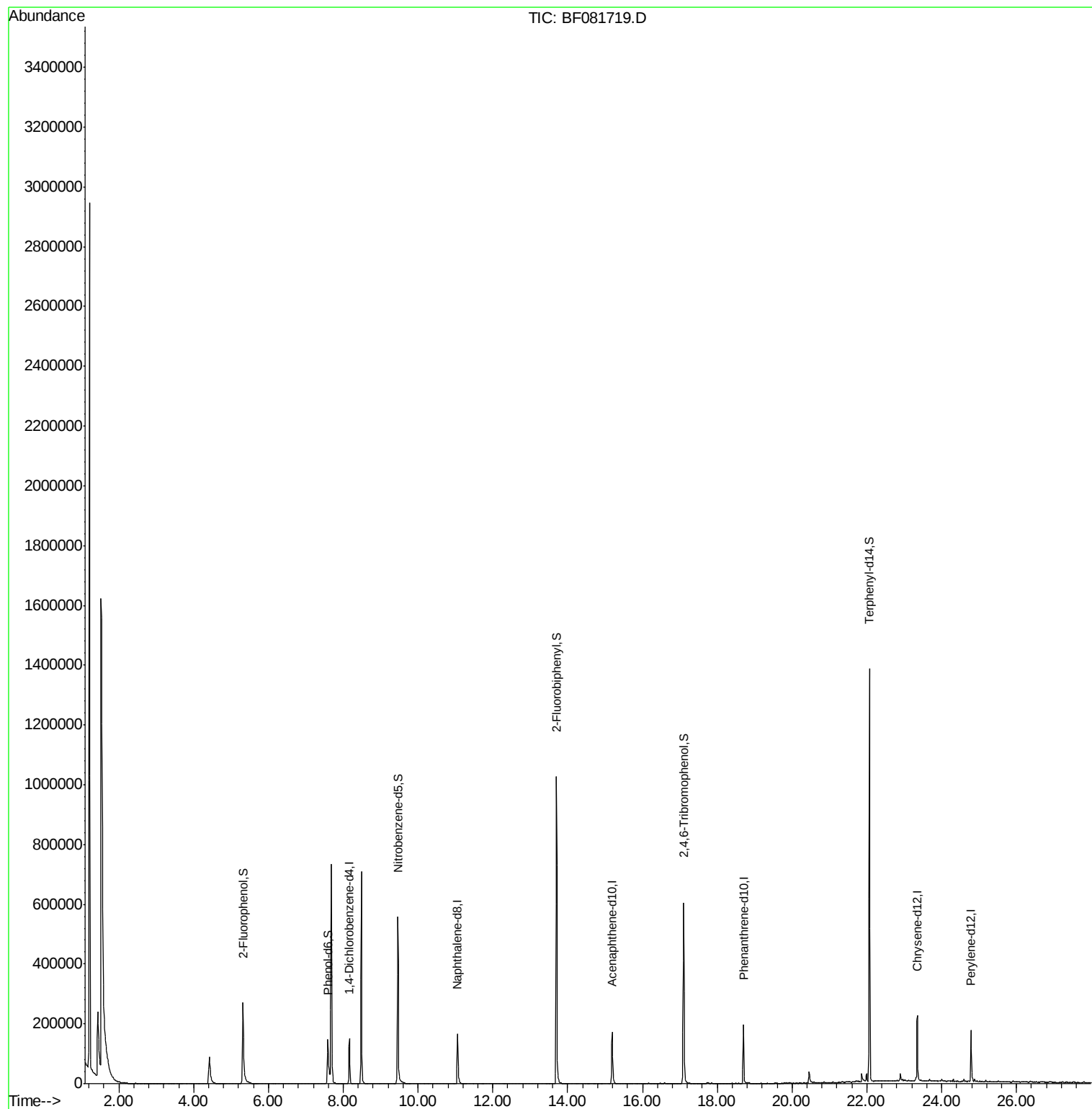
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 619

Delta R.T. -0.06 min

Lab File: BF081719.D

Acq: 21 Sep 2015 17:51

Instrument :

BNA_F

ClientSampleId :

LIP-12-9-16-15

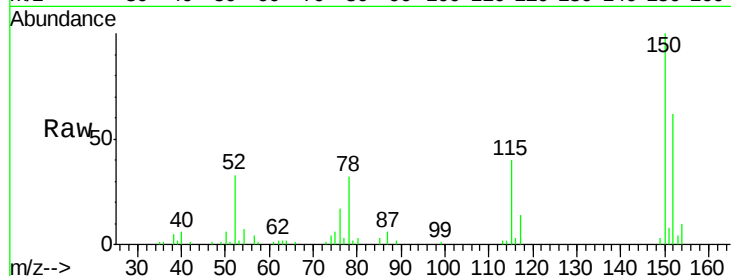
Tot Ion:152 Resp: 40973

Ion Ratio Lower Upper

152 100

150 161.5 124.7 187.1

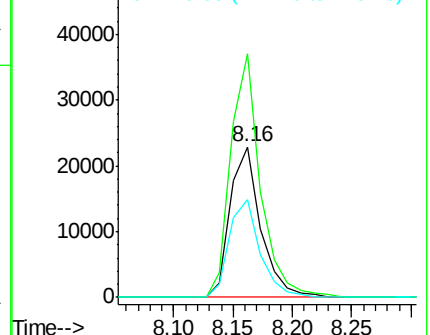
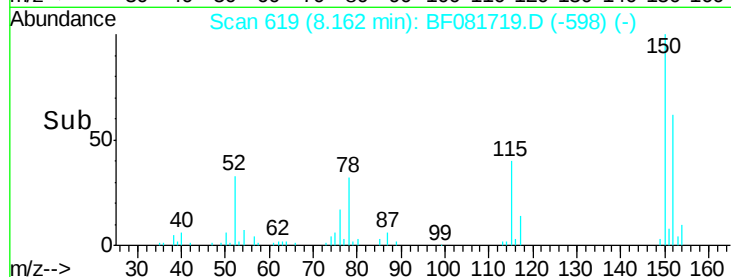
115 65.1 39.0 58.4#



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: 61.12 ng

RT: 5.32 min Scan# 370

Delta R.T. -0.03 min

Lab File: BF081719.D

Acq: 21 Sep 2015 17:51

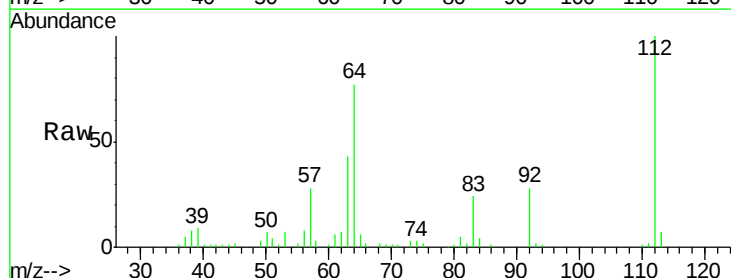
Tgt Ion:112 Resp: 161421

Ion Ratio Lower Upper

112 100

64 77.5 39.7 59.5#

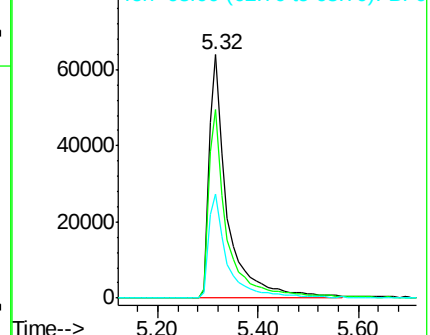
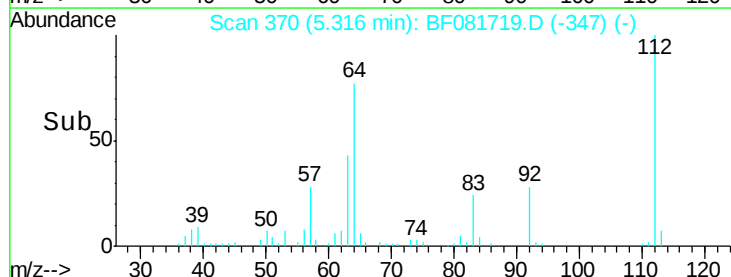
63 43.0 17.4 26.0#



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: 38.87 ng

RT: 7.59 min Scan# 569

Delta R.T. -0.06 min

Lab File: BF081719.D

Acq: 21 Sep 2015 17:51

Instrument :

BNA_F

ClientSampleId :

LIP-12-9-16-15

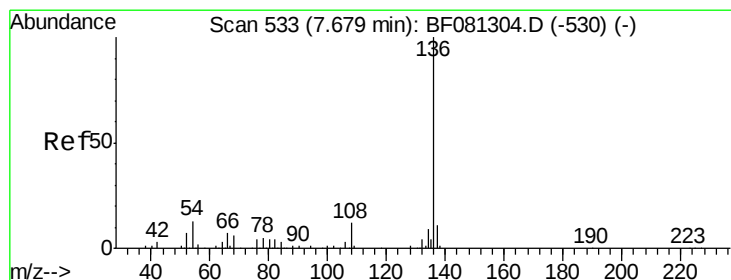
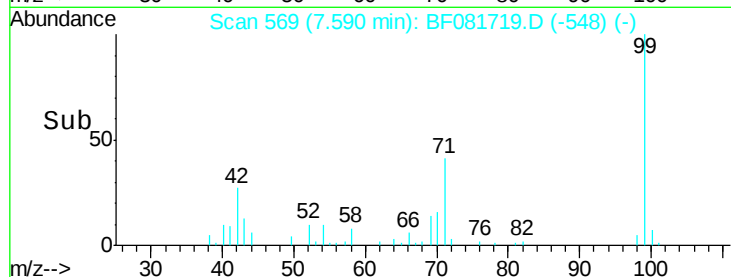
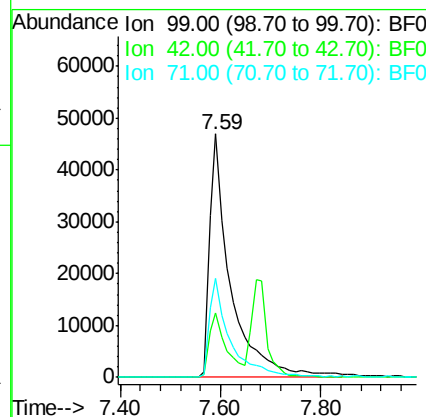
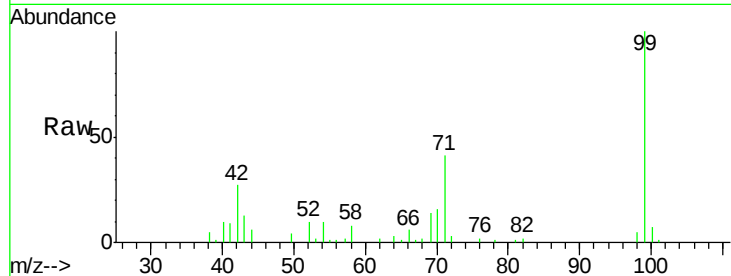
Tot Ion: 99 Resp: 135887

Ion Ratio Lower Upper

99 100

42 26.7 13.7 20.5#

71 40.5 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.05 min Scan# 872

Delta R.T. -0.07 min

Lab File: BF081719.D

Acq: 21 Sep 2015 17:51

Tgt Ion: 136 Resp: 160296

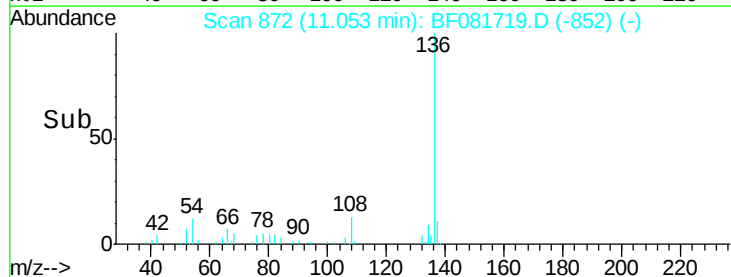
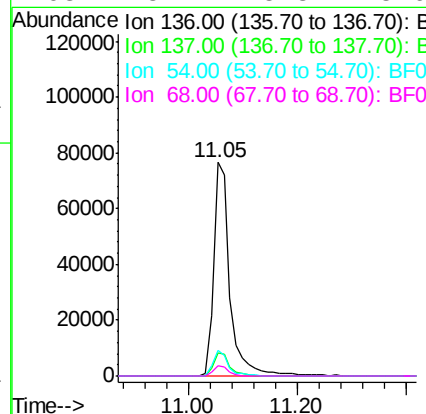
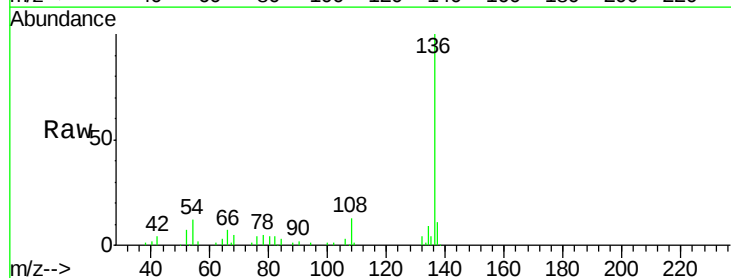
Ion Ratio Lower Upper

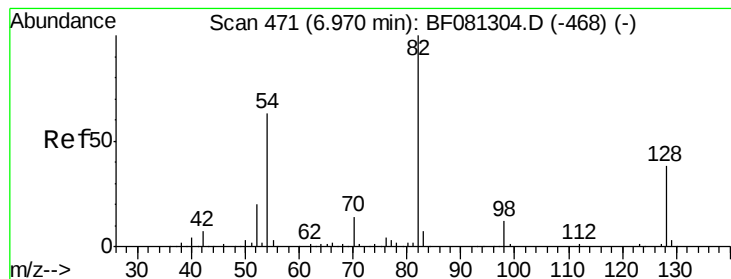
136 100

137 10.8 9.0 13.6

54 12.0 8.2 12.2

68 5.1 5.8 8.6#





#23

Nitrobenzene-d5

Concen: 111.45 ng

RT: 9.46 min Scan# 733

Delta R.T. -0.07 min

Lab File: BF081719.D

Acq: 21 Sep 2015 17:51

Instrument :

BNA_F

ClientSampleId :

LIP-12-9-16-15

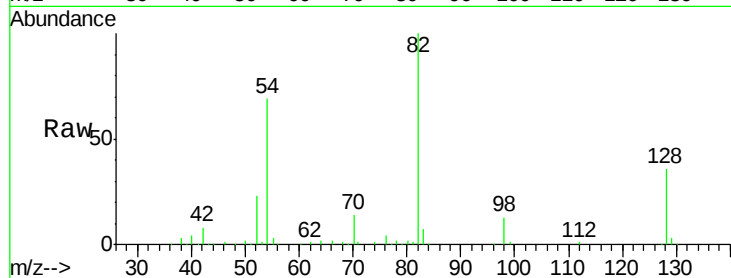
Tot Ion: 82 Resp: 370276

Ion Ratio Lower Upper

82 100

128 36.4 51.0 76.6#

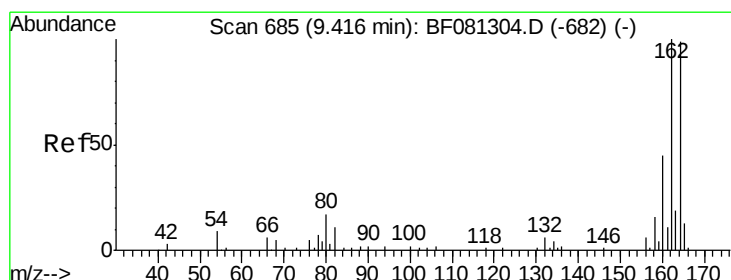
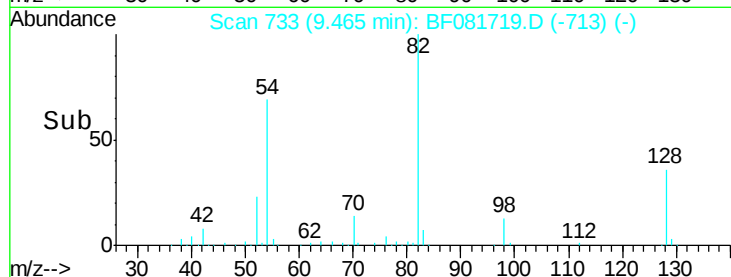
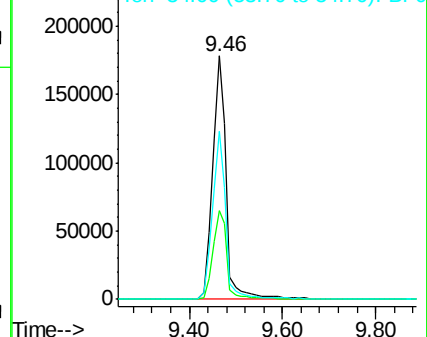
54 69.1 47.5 71.3



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: 15.19 min Scan# 1234

Delta R.T. -0.07 min

Lab File: BF081719.D

Acq: 21 Sep 2015 17:51

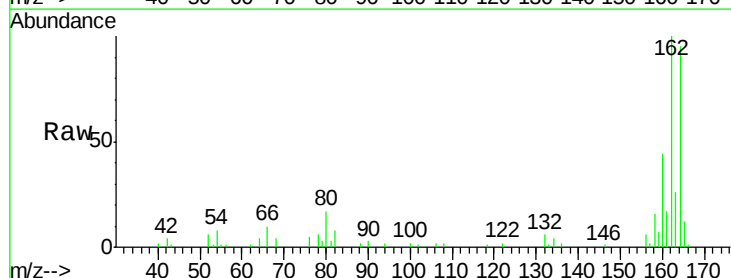
Tgt Ion:164 Resp: 73561

Ion Ratio Lower Upper

164 100

162 104.9 75.2 112.8

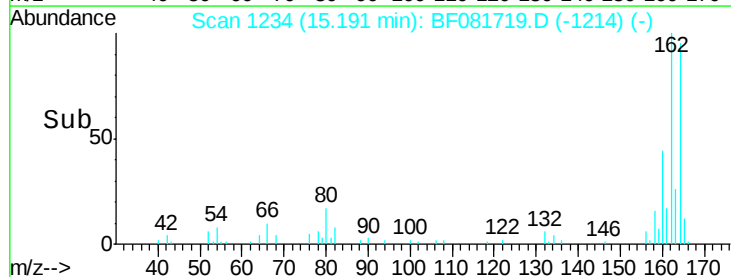
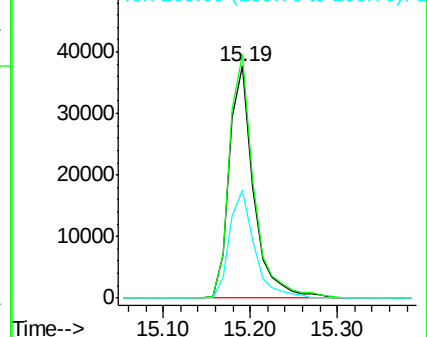
160 46.4 31.5 47.3



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

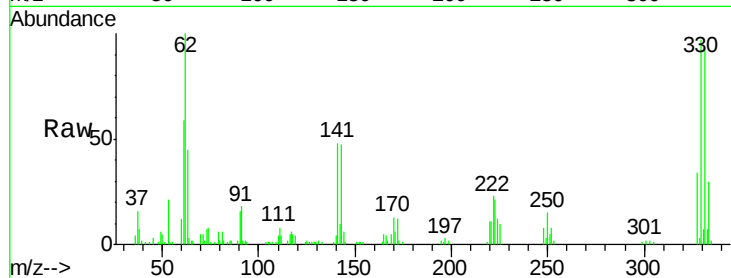




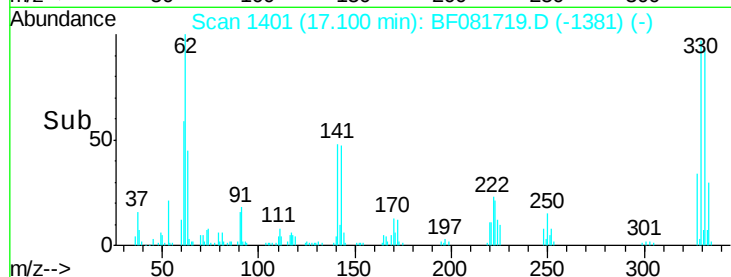
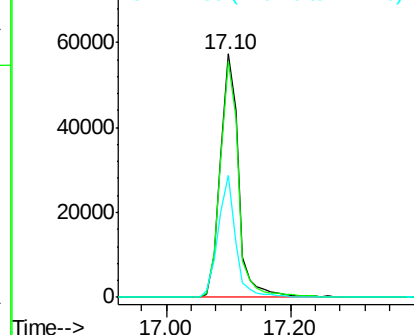
#41
 2,4,6-Tribromophenol
 Concen: 176.06 ng
 RT: 17.10 min Scan# 1401
 Delta R.T. -0.07 min
 Lab File: BF081719.D
 Acq: 21 Sep 2015 17:51

Instrument :
 BNA_F
 ClientSampleId :
 LIP-12-9-16-15

Tot Ion:330 Resp: 115320
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 114.8
 141 47.7 29.7 44.5#

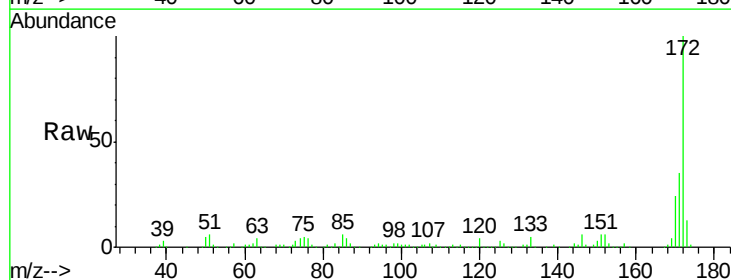


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

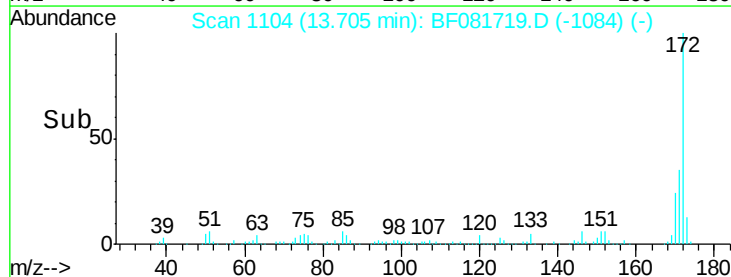
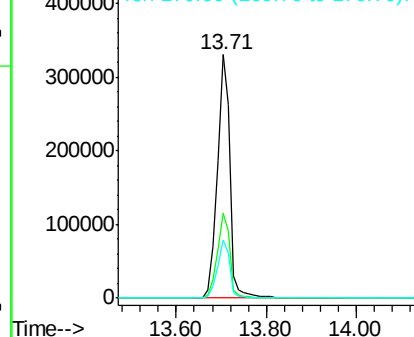


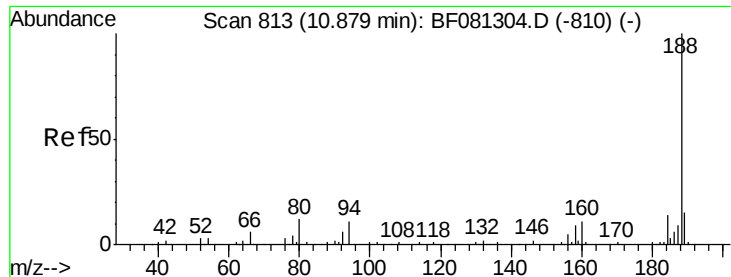
#44
 2-Fluorobiphenyl
 Concen: 111.65 ng
 RT: 13.71 min Scan# 1104
 Delta R.T. -0.07 min
 Lab File: BF081719.D
 Acq: 21 Sep 2015 17:51

Tgt Ion:172 Resp: 640902
 Ion Ratio Lower Upper
 172 100
 171 34.9 26.1 39.1
 170 23.8 17.4 26.2



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

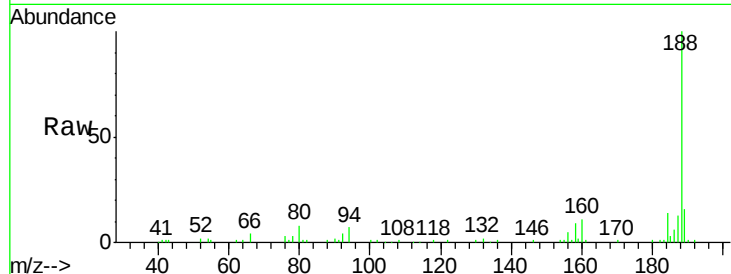




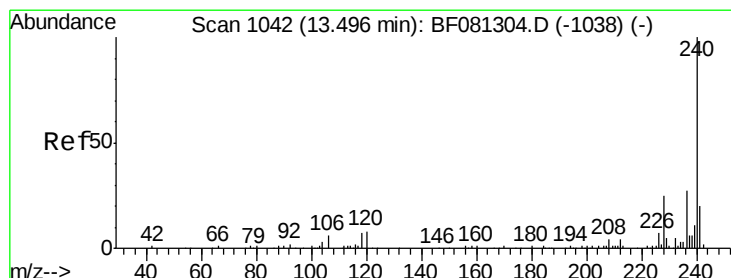
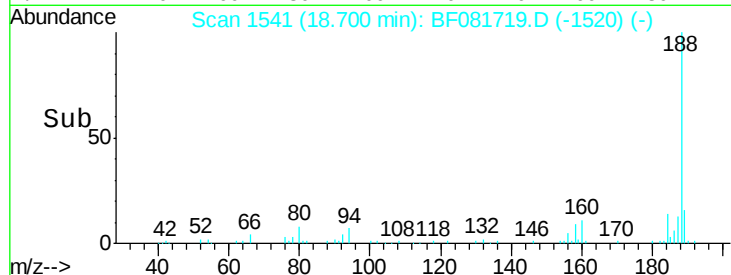
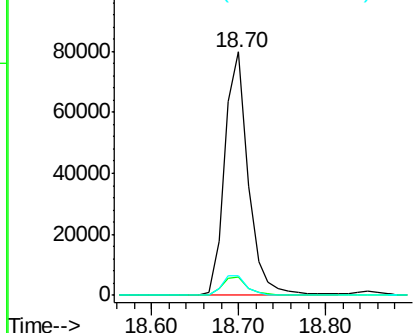
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.70 min Scan# 1541
Delta R.T. -0.06 min
Lab File: BF081719.D
Acq: 21 Sep 2015 17:51

Instrument :
BNA_F
ClientSampleId :
LIP-12-9-16-15

Tot Ion:188 Resp: 151209
Ion Ratio Lower Upper
188 100
94 7.3 11.1 16.7#
80 7.9 11.0 16.4#

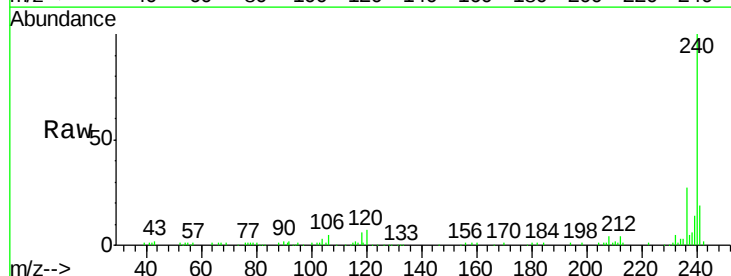


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

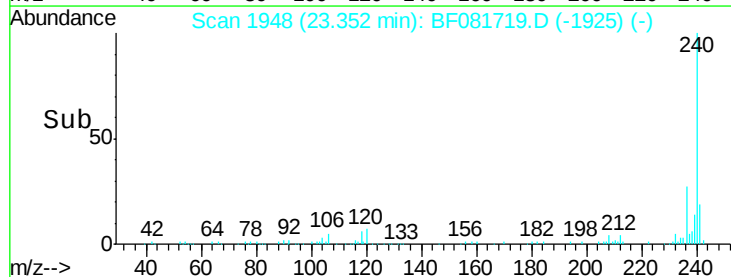
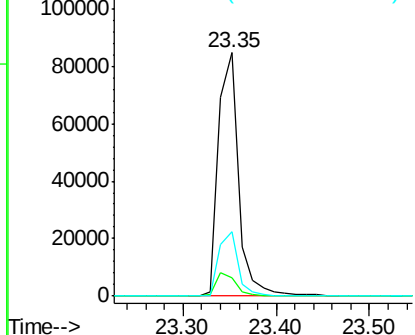


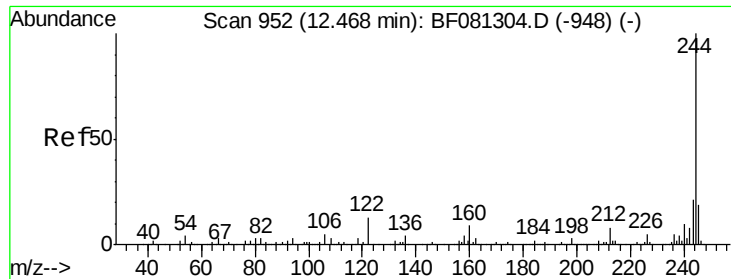
#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.35 min Scan# 1948
Delta R.T. -0.03 min
Lab File: BF081719.D
Acq: 21 Sep 2015 17:51

Tgt Ion:240 Resp: 126521
Ion Ratio Lower Upper
240 100
120 7.3 16.2 24.2#
236 26.5 18.4 27.6



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

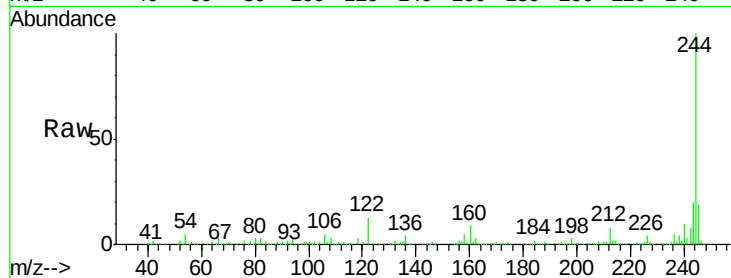




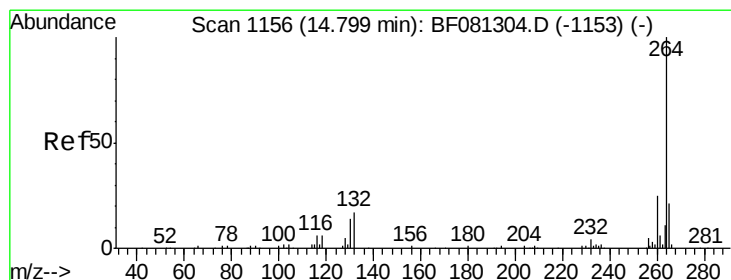
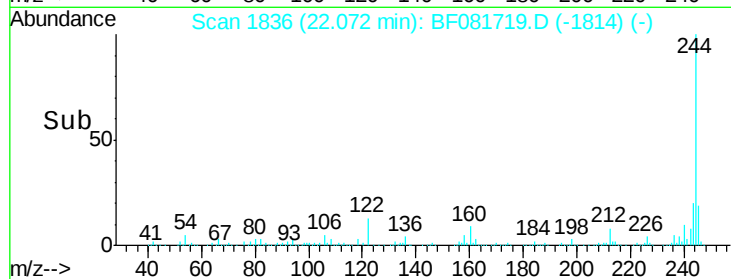
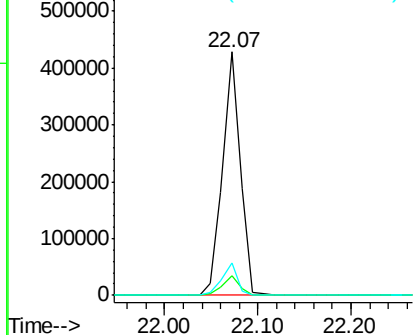
#78
 Terphenyl-d14
 Concen: 104.93 ng
 RT: 22.07 min Scan# 1836
 Delta R.T. -0.04 min
 Lab File: BF081719.D
 Acq: 21 Sep 2015 17:51

Instrument :
 BNA_F
 ClientSampleId :
 LIP-12-9-16-15

Tot Ion:244 Resp: 570310
 Ion Ratio Lower Upper
 244 100
 212 8.0 4.3 6.5#
 122 13.1 17.4 26.2#

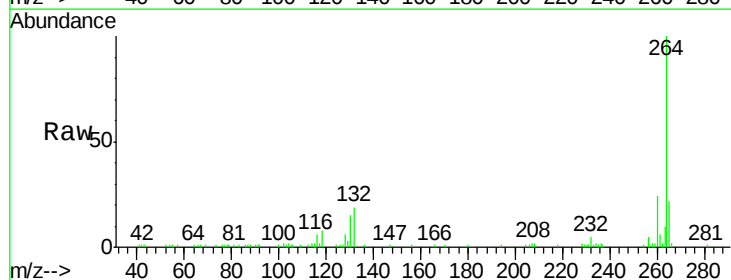


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.78 min Scan# 2073
 Delta R.T. -0.03 min
 Lab File: BF081719.D
 Acq: 21 Sep 2015 17:51

Tgt Ion:264 Resp: 89128
 Ion Ratio Lower Upper
 264 100
 260 23.5 16.7 25.1
 265 21.9 17.2 25.8



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

