

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
 Data File : BF096841.D
 Acq On : 18 Jul 2017 12:07
 Operator : SJ/JU
 Sample : I4199-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3574-PA4

Quant Time: Jul 18 14:09:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	112730	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	495894	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	232194	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	325617	20.00	ng	0.00
75) Chrysene-d12	13.73	240	209434	20.00	ng	0.00
86) Perylene-d12	15.10	264	196757	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	422700	56.38	ng	0.00
7) Phenol-d6	6.25	99	322386	35.83	ng	0.00
23) Nitrobenzene-d5	7.16	82	714859	89.29	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	228641	115.36	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	1128896	76.81	ng	0.00
78) Terphenyl-d14	12.69	244	799259	66.18	ng	0.00

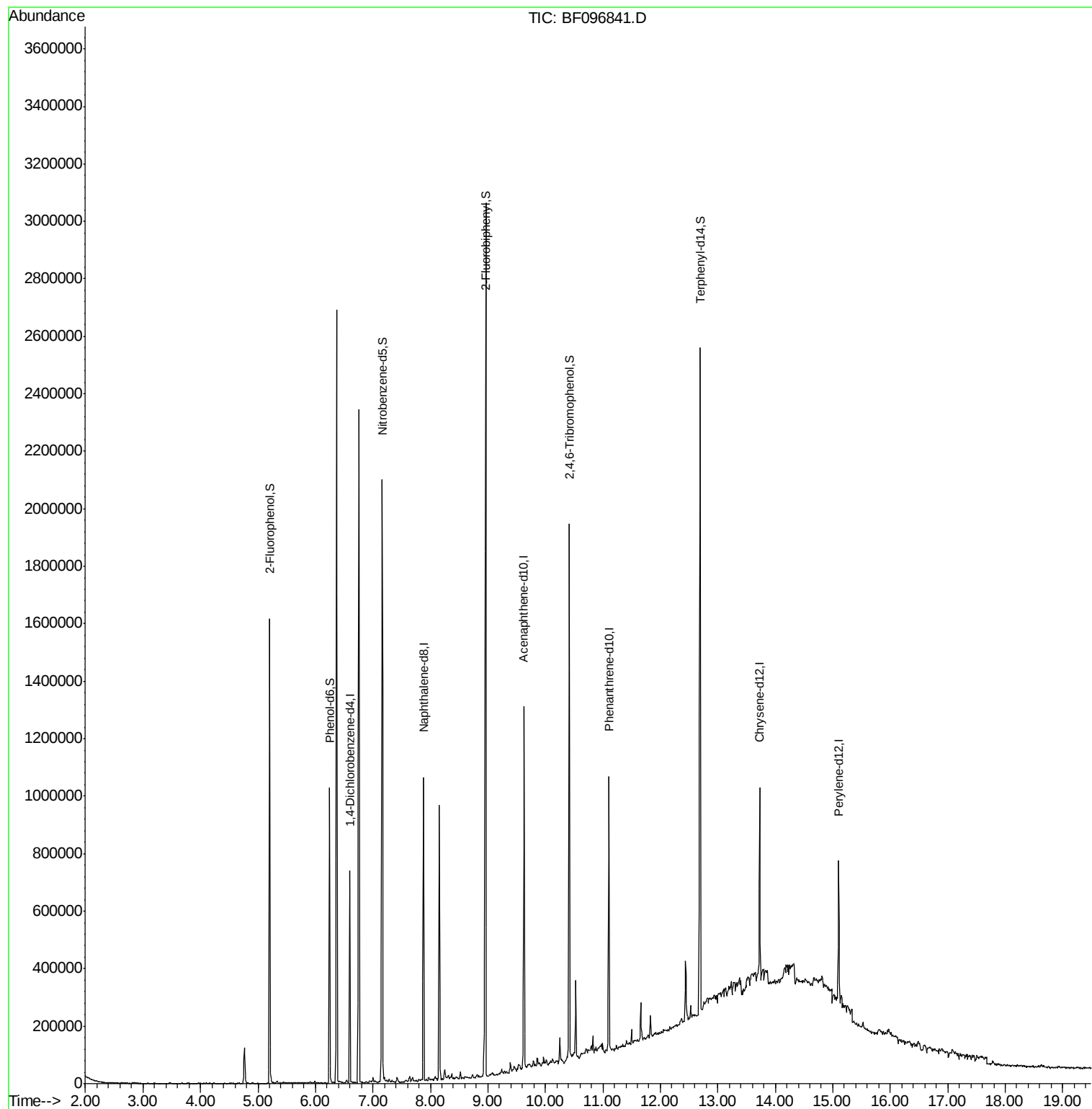
Target Compounds Qvalue

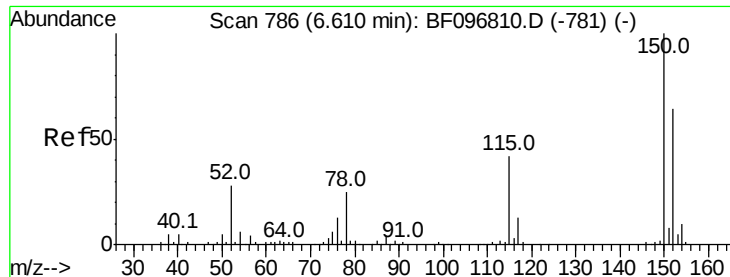
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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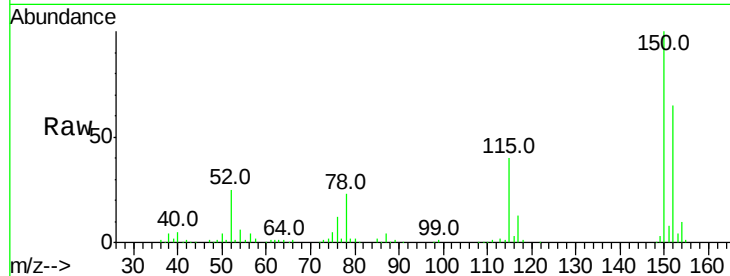


#1

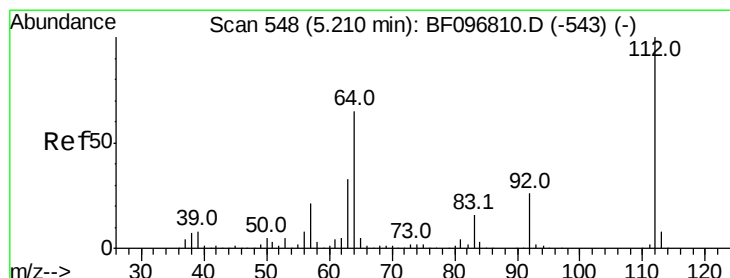
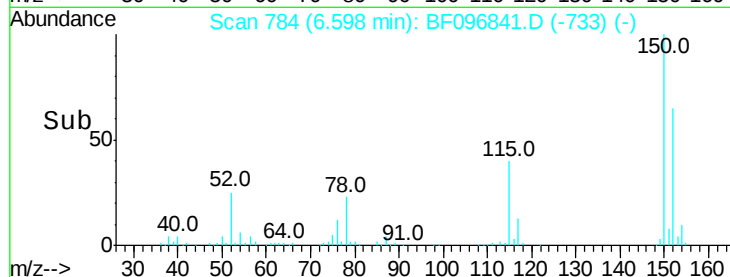
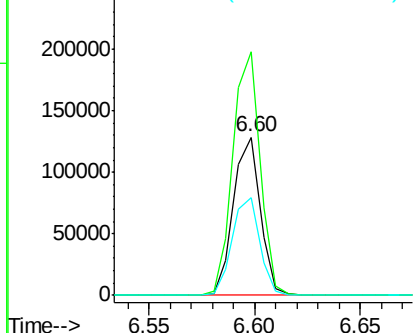
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.60 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF096841.D
 Acq: 18 Jul 2017 12:07

Instrument :
 BNA_F
 ClientSampled :
 3574-PA4

Tot Ion:152 Resp: 112730
 Ion Ratio Lower Upper
 152 100
 150 153.8 126.2 189.2
 115 62.1 52.2 78.2



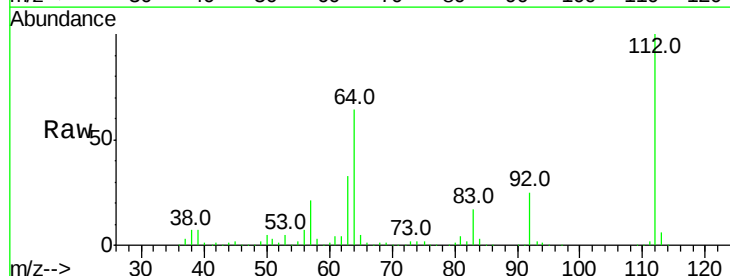
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



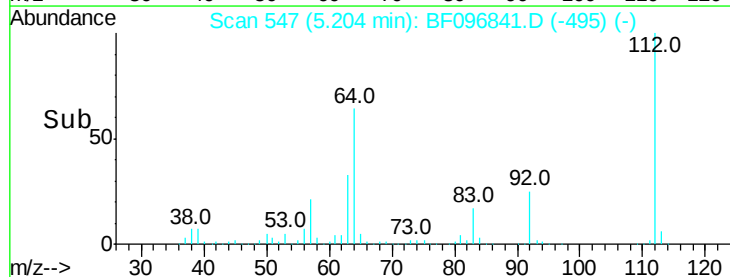
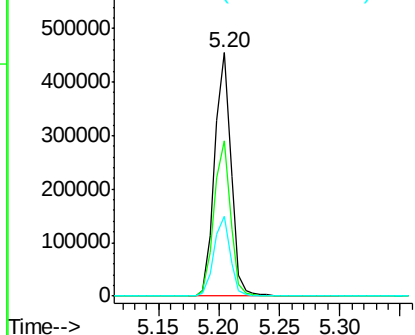
#5

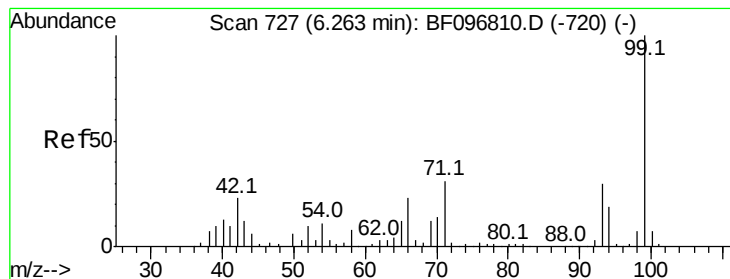
2-Fluorophenol
 Concen: 56.379 ng
 RT: 5.20 min Scan# 547
 Delta R.T. 0.01 min
 Lab File: BF096841.D
 Acq: 18 Jul 2017 12:07

Tgt Ion:112 Resp: 422700
 Ion Ratio Lower Upper
 112 100
 64 64.0 46.0 69.0
 63 32.5 23.4 35.0



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: 35.832 ng

RT: 6.25 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF096841.D

Acq: 18 Jul 2017 12:07

Instrument :

BNA_F

ClientSampleId :

3574-PA4

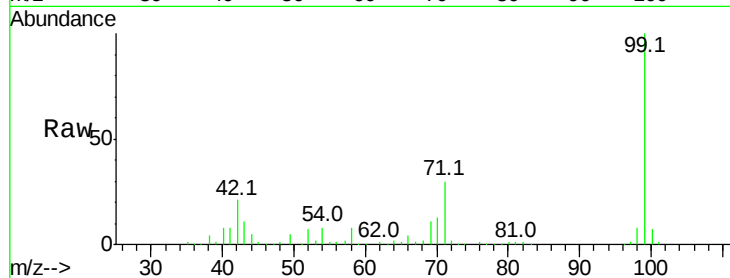
Tot Ion: 99 Resp: 322386

Ion Ratio Lower Upper

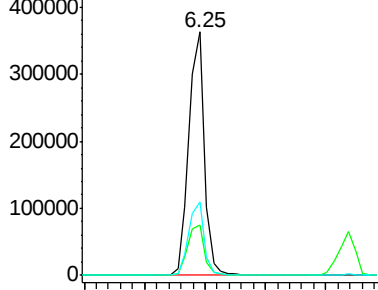
99 100

42 20.9 13.5 20.3#

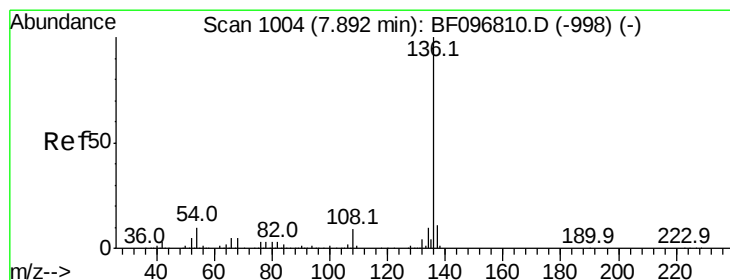
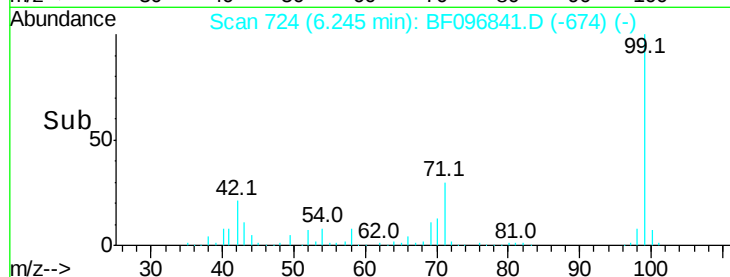
71 30.2 24.5 36.7



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



Time--> 6.15 6.20 6.25 6.30 6.35



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.88 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF096841.D

Acq: 18 Jul 2017 12:07

Tgt Ion: 136 Resp: 495894

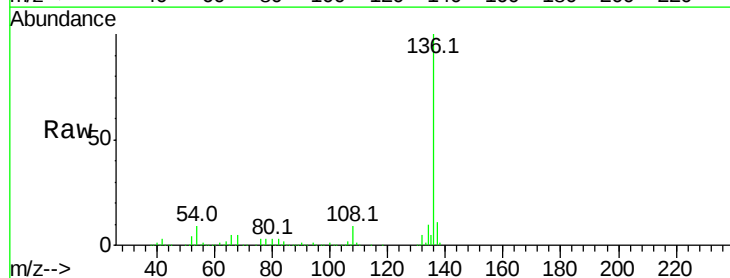
Ion Ratio Lower Upper

136 100

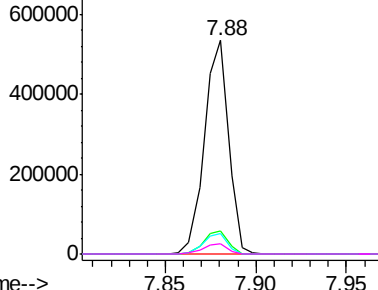
137 11.1 8.5 12.7

54 9.4 4.9 7.3#

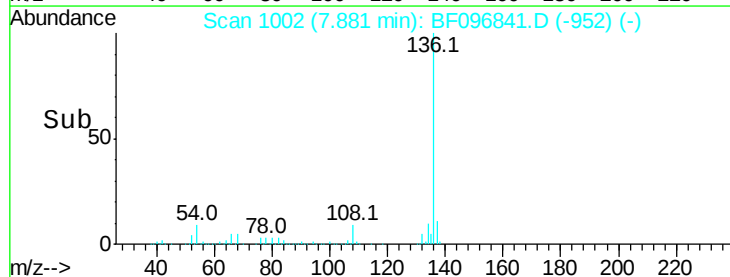
68 4.7 4.1 6.1

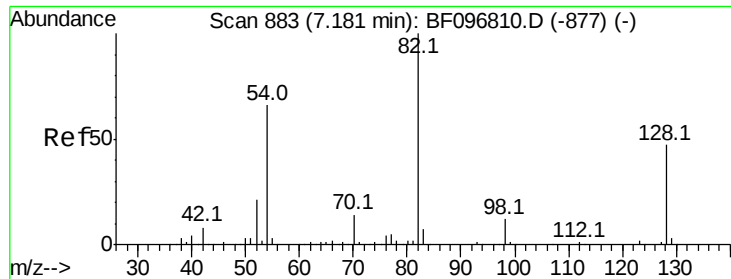


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0



Time--> 7.85 7.90 7.95

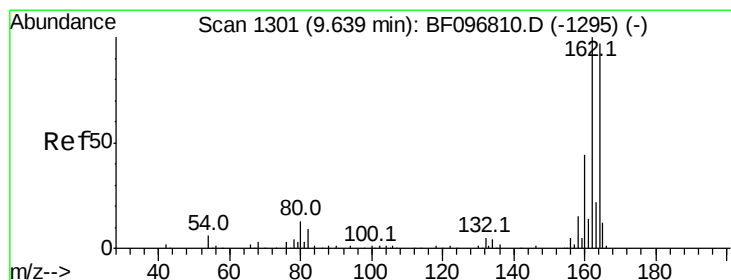
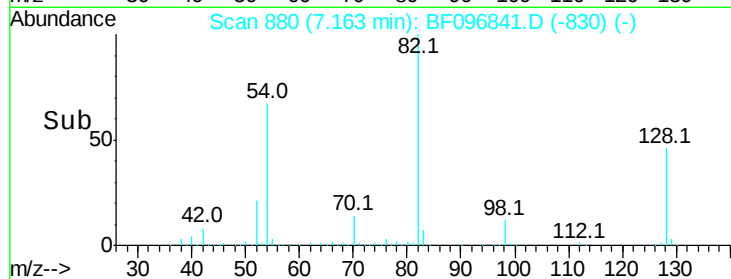
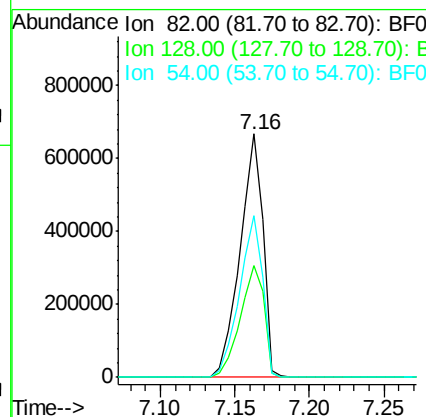
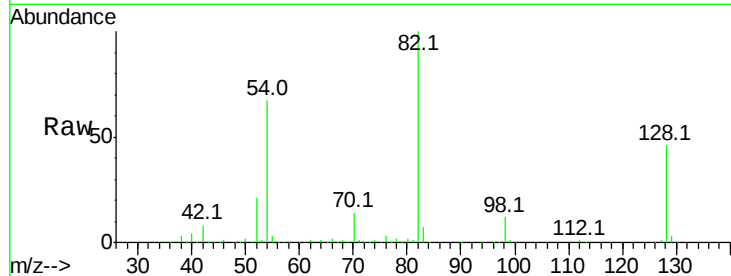




#23
 Nitrobenzene-d5
 Concen: 89.291 ng
 RT: 7.16 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF096841.D
 Acq: 18 Jul 2017 12:07

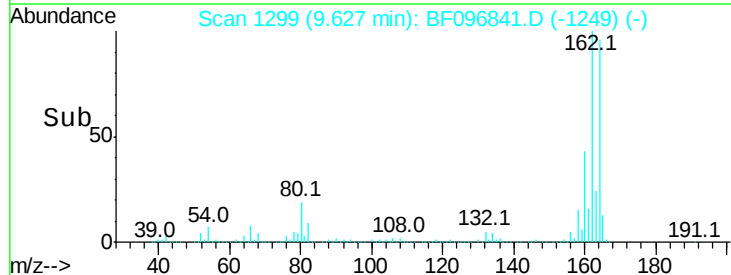
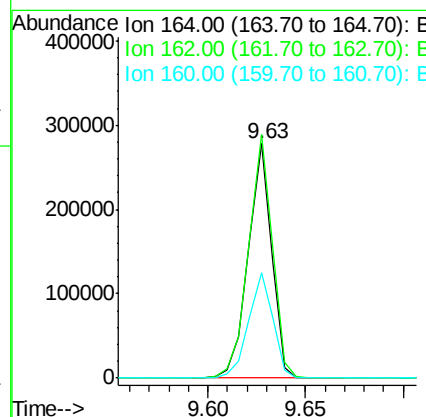
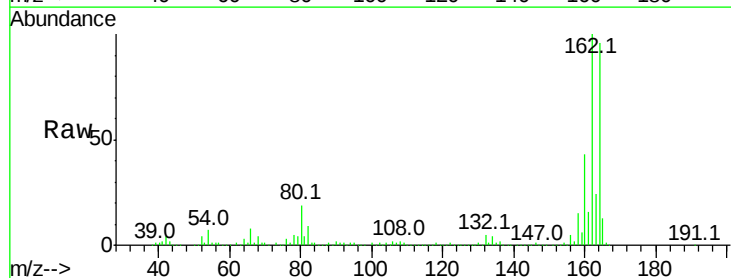
Instrument :
 BNA_F
 ClientSampleId :
 3574-PA4

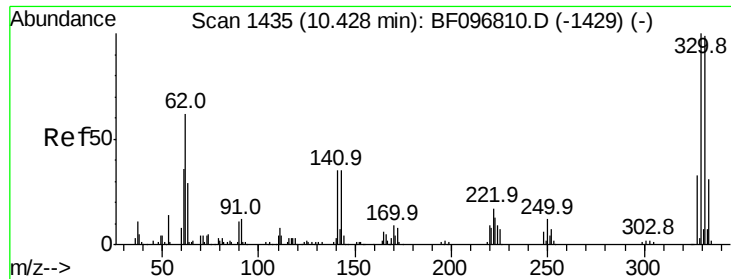
Tot Ion: 82 Resp: 714859
 Ion Ratio Lower Upper
 82 100
 128 45.7 34.0 51.0
 54 66.6 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.63 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF096841.D
 Acq: 18 Jul 2017 12:07

Tgt Ion: 164 Resp: 232194
 Ion Ratio Lower Upper
 164 100
 162 104.0 82.6 123.8
 160 44.9 36.2 54.2

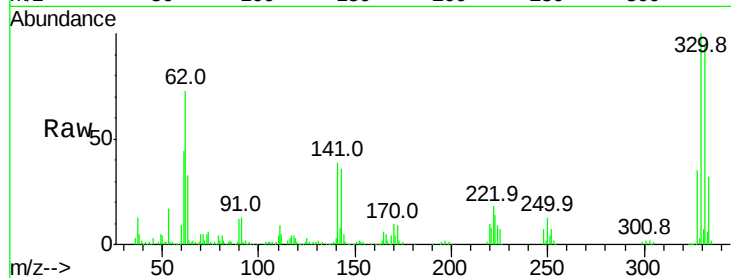




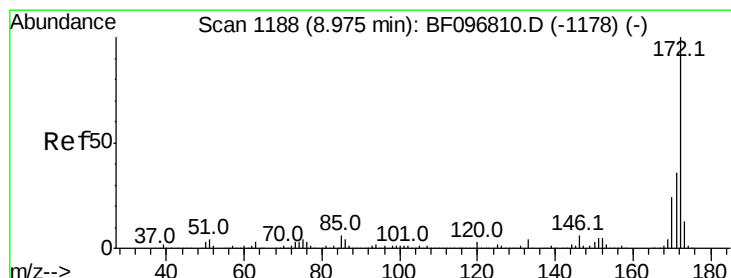
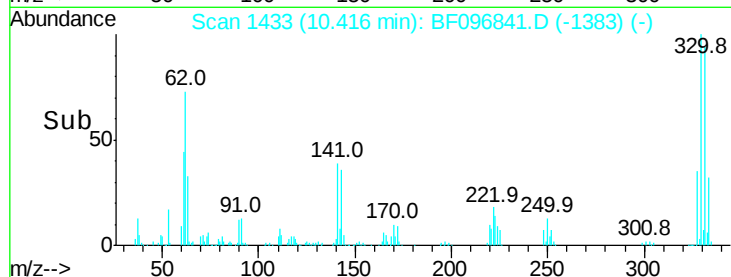
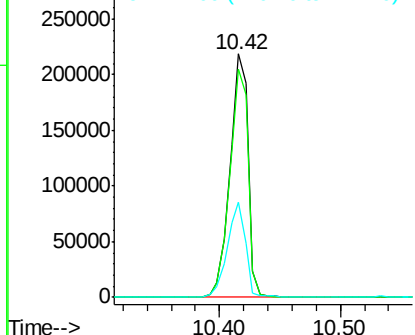
#41
 2,4,6-Tribromophenol
 Concen: 115.360 ng
 RT: 10.42 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF096841.D
 Acq: 18 Jul 2017 12:07

Instrument :
 BNA_F
 ClientSampleId :
 3574-PA4

Tot Ion:330 Resp: 228641
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 115.0
 141 38.8 31.4 47.2

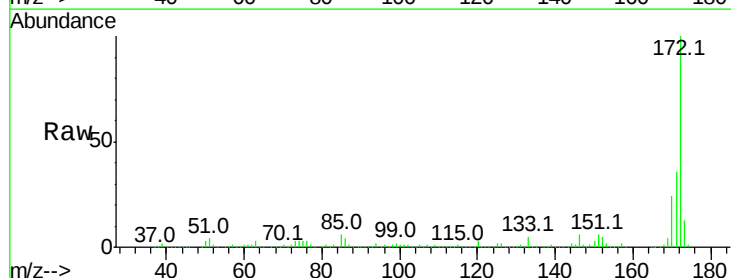


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

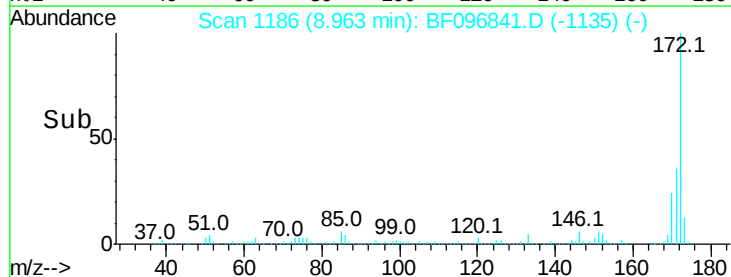
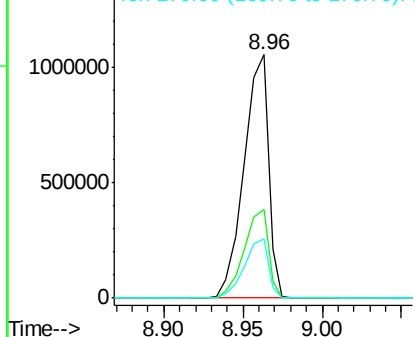


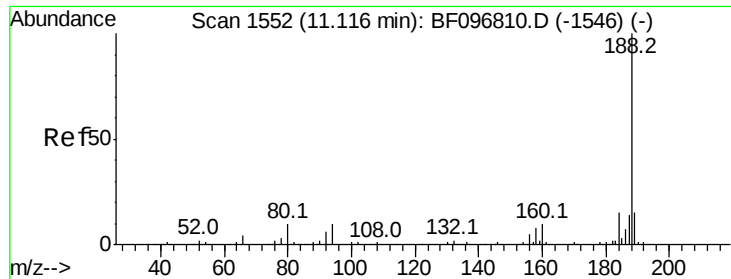
#44
 2-Fluorobiphenyl
 Concen: 76.814 ng
 RT: 8.96 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF096841.D
 Acq: 18 Jul 2017 12:07

Tgt Ion:172 Resp: 1128896
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.3 19.8 29.8



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

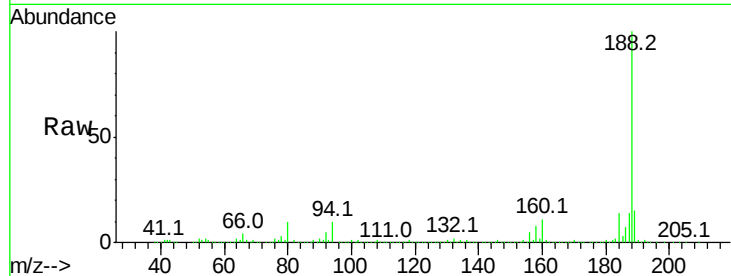




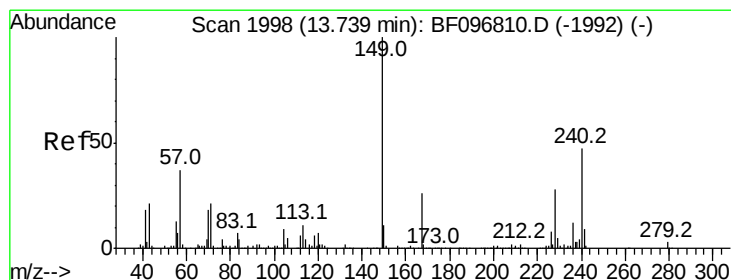
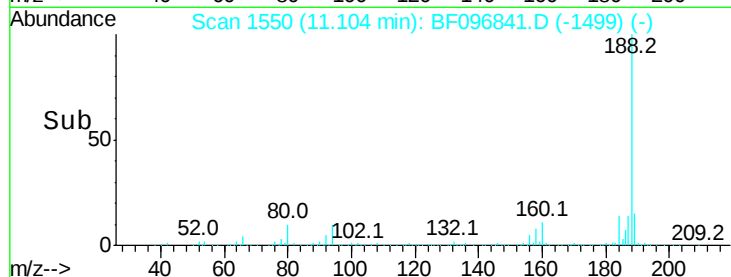
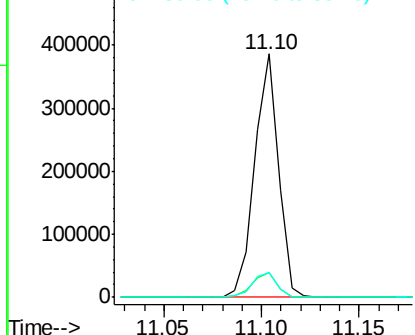
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF096841.D
Acq: 18 Jul 2017 12:07

Instrument :
BNA_F
ClientSampleId :
3574-PA4

Tot Ion:188 Resp: 325617
Ion Ratio Lower Upper
188 100
94 10.0 9.4 14.2
80 10.4 10.2 15.2

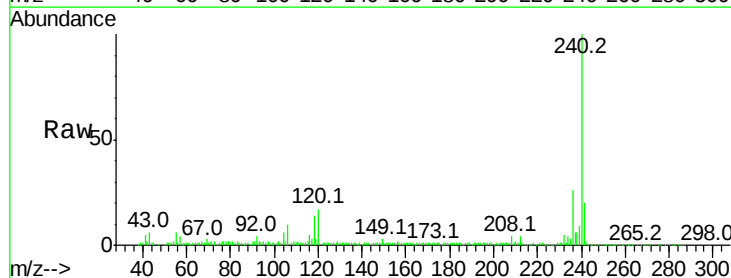


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

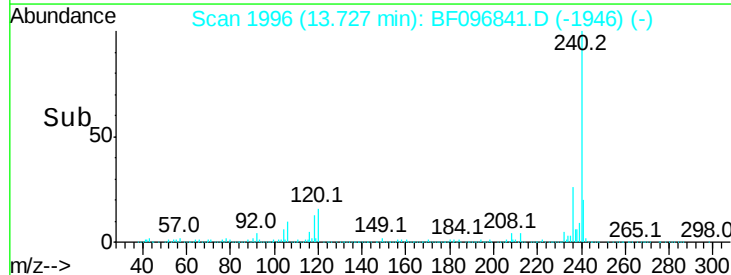
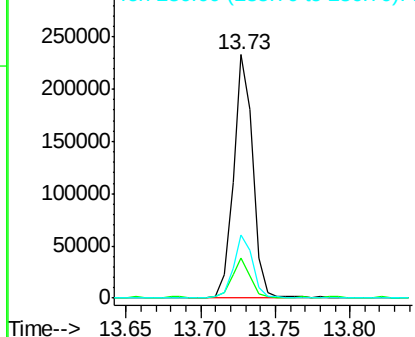


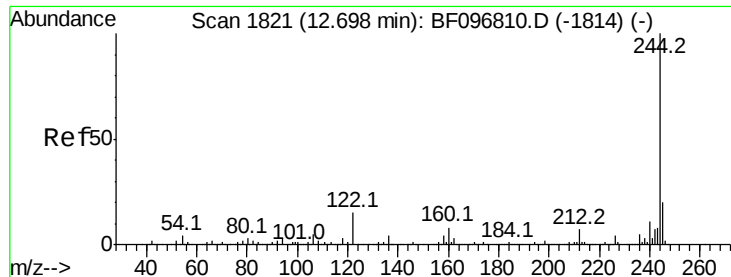
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.73 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF096841.D
Acq: 18 Jul 2017 12:07

Tgt Ion:240 Resp: 209434
Ion Ratio Lower Upper
240 100
120 16.5 5.8 8.8#
236 26.1 20.5 30.7



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: 66.184 ng

RT: 12.69 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF096841.D

Acq: 18 Jul 2017 12:07

Instrument :

BNA_F

ClientSampled :

3574-PA4

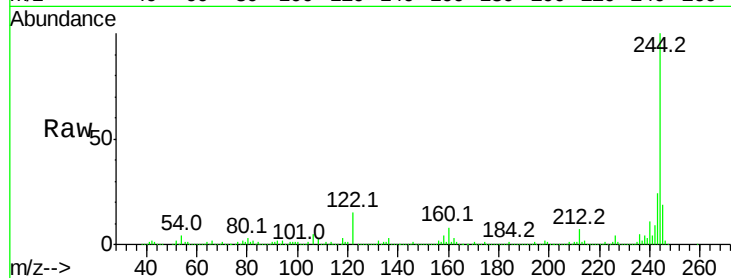
Tot Ion:244 Resp: 799259

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

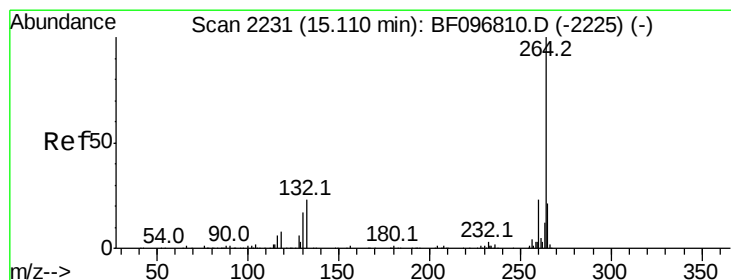
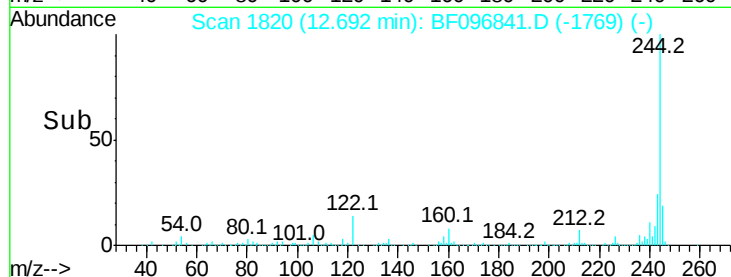
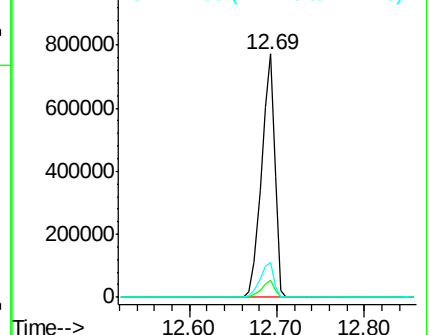
122 14.5 10.3 15.5



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: 20.000 ng

RT: 15.10 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BF096841.D

Acq: 18 Jul 2017 12:07

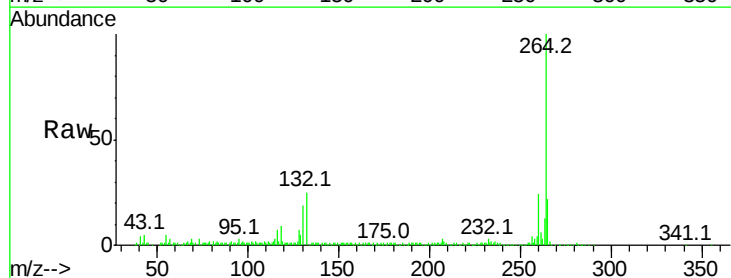
Tgt Ion:264 Resp: 196757

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 21.6 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

