

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
 Data File : BF101329.D
 Acq On : 12 Dec 2017 15:00
 Operator : SJ/JU
 Sample : PB104934BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104934BL

Quant Time: Dec 13 01:28:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	41673	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	166089	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	81609	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	171424	20.00	ng	0.00
75) Chrysene-d12	14.00	240	162462	20.00	ng	0.00
86) Perylene-d12	15.48	264	153478	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	340984	135.21	ng	0.01
7) Phenol-d6	6.46	99	410536	134.08	ng	0.00
23) Nitrobenzene-d5	7.39	82	256395	92.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	135137	137.84	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	571628	95.84	ng	0.00
78) Terphenyl-d14	12.95	244	664012	89.40	ng	0.00

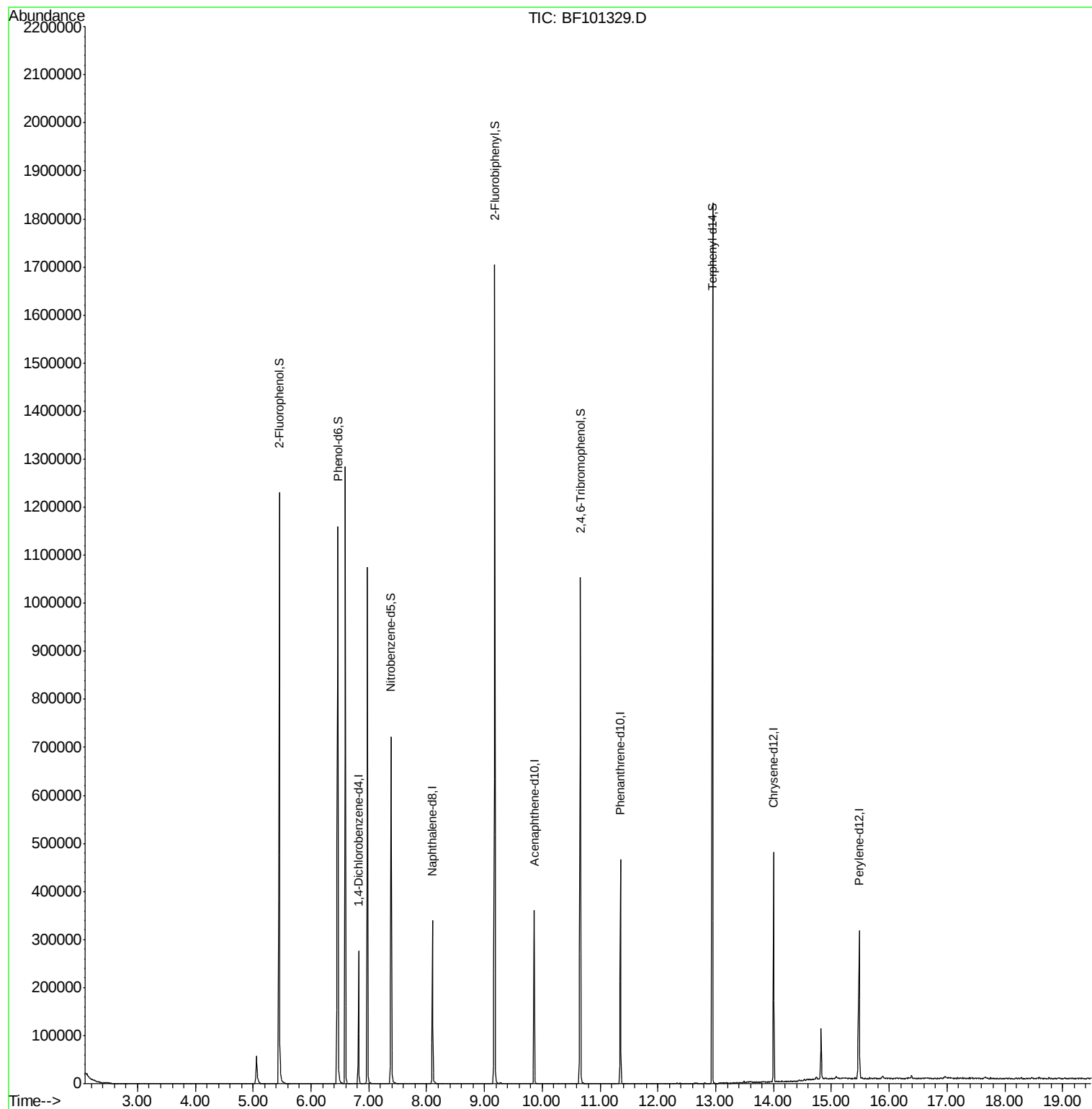
Target Compounds Qvalue

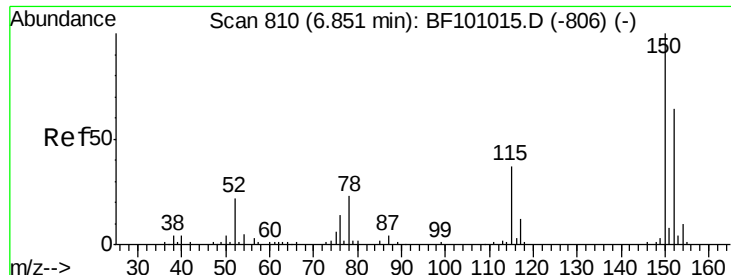
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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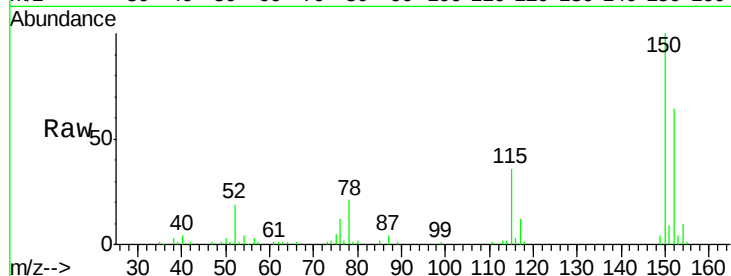


#1

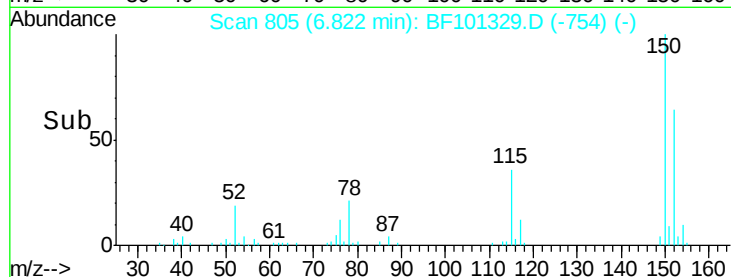
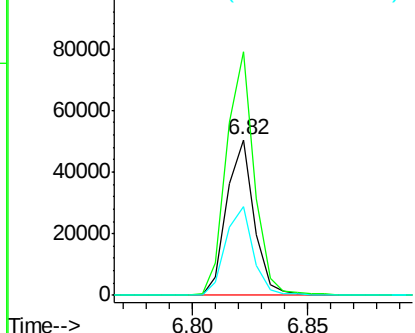
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF101329.D
Acq: 12 Dec 2017 15:00

Instrument :
BNA_F
ClientSampled :
PB104934BL

Tot Ion:152 Resp: 41673
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 56.6 50.1 75.1



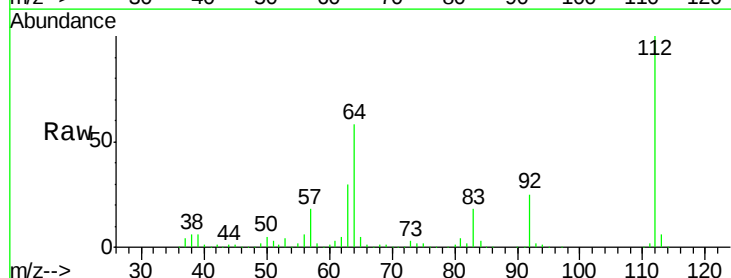
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



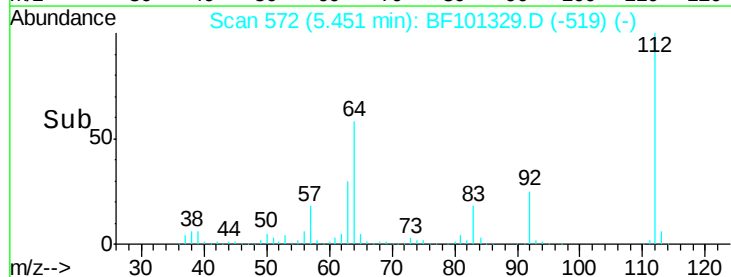
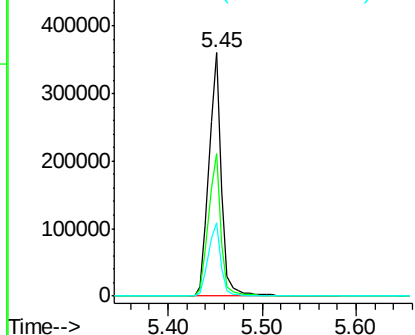
#5

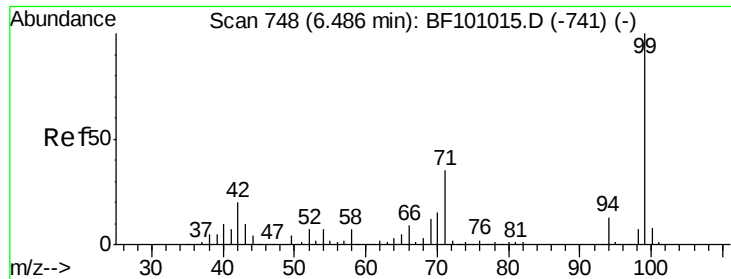
2-Fluorophenol
Concen: 135.209 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF101329.D
Acq: 12 Dec 2017 15:00

Tgt Ion:112 Resp: 340984
Ion Ratio Lower Upper
112 100
64 58.4 47.9 71.9
63 30.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 134.082 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF101329.D

Acq: 12 Dec 2017 15:00

Instrument :

BNA_F

ClientSampleId :

PB104934BL

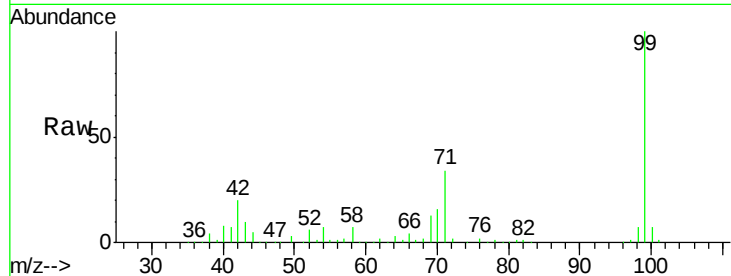
Tot Ion: 99 Resp: 410536

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

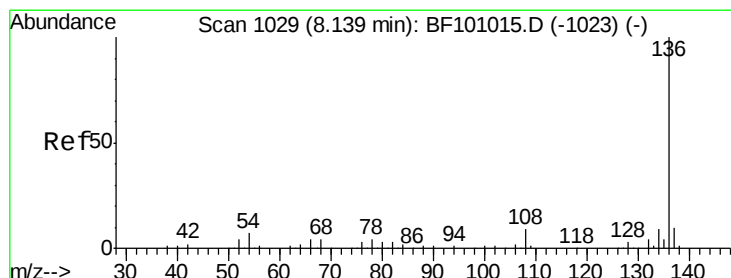
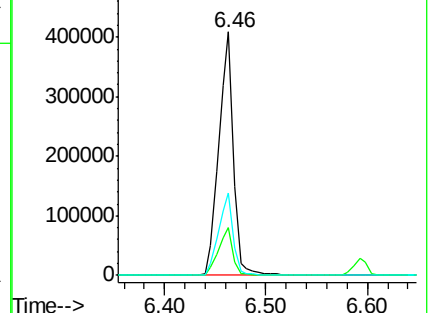
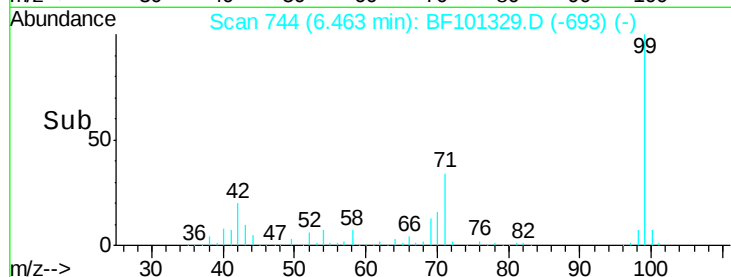
71 33.6 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF101329.D

Acq: 12 Dec 2017 15:00

Tgt Ion: 136 Resp: 166089

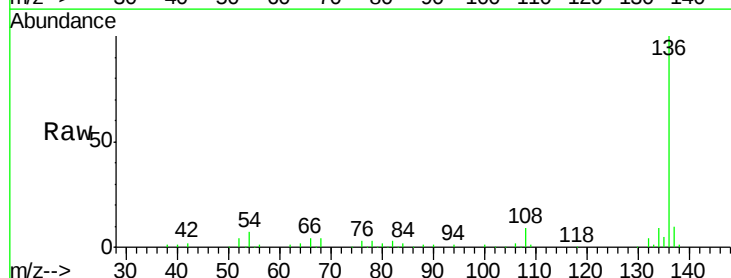
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 6.7 6.6 9.8

68 4.0 5.0 7.4#

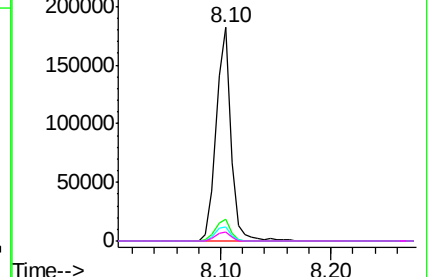
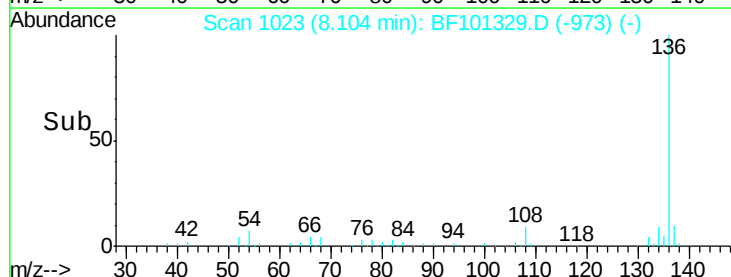


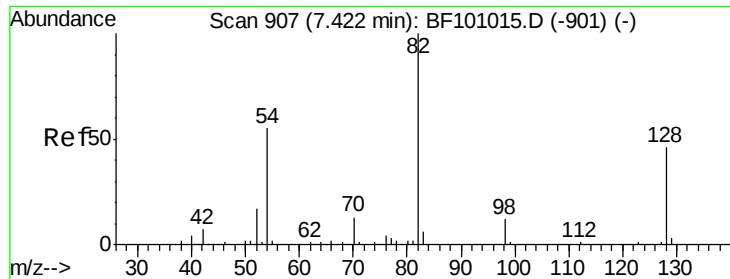
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

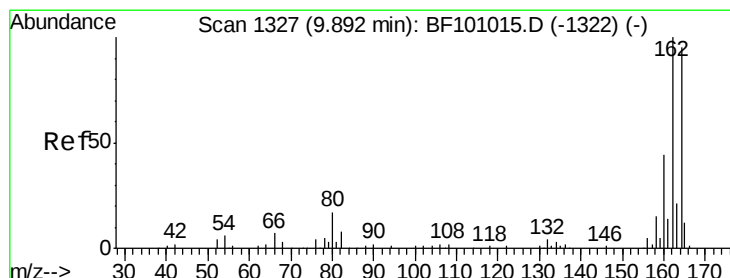
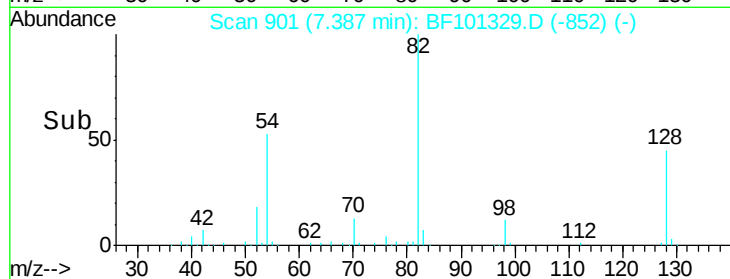
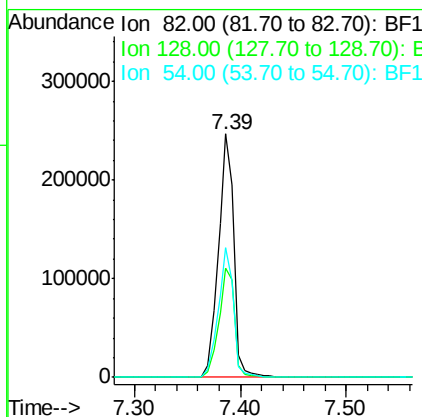
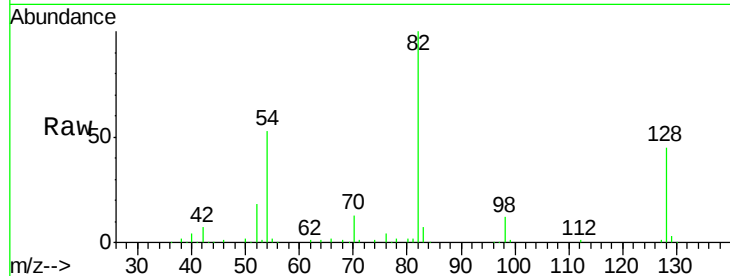




#23
Nitrobenzene-d5
Concen: 92.088 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF101329.D
Acq: 12 Dec 2017 15:00

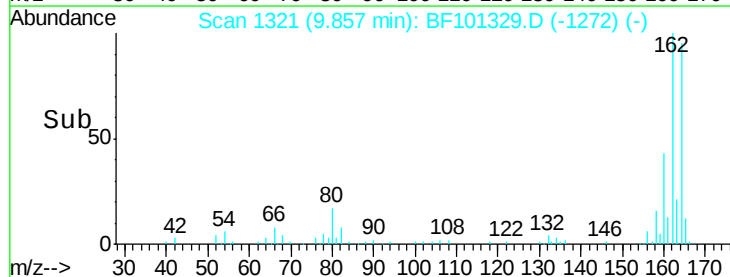
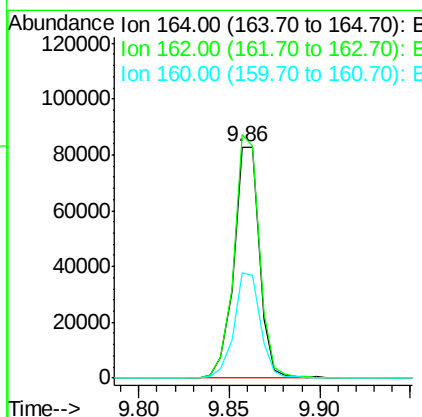
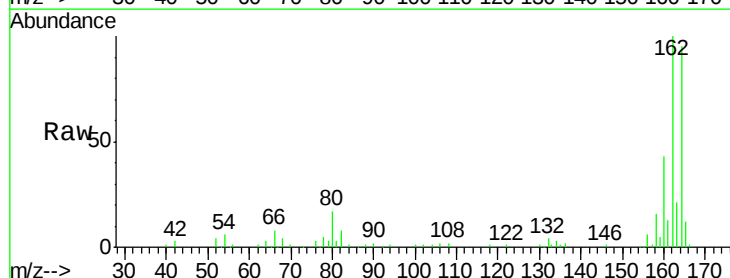
Instrument :
BNA_F
ClientSampleId :
PB104934BL

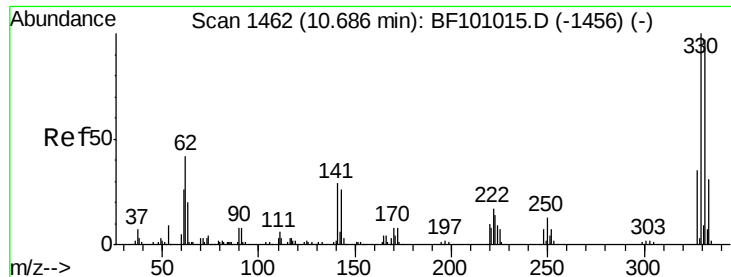
Tot Ion: 82 Resp: 256395
Ion Ratio Lower Upper
82 100
128 44.7 36.1 54.1
54 53.5 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF101329.D
Acq: 12 Dec 2017 15:00

Tgt Ion:164 Resp: 81609
Ion Ratio Lower Upper
164 100
162 105.4 86.1 129.1
160 45.7 38.3 57.5

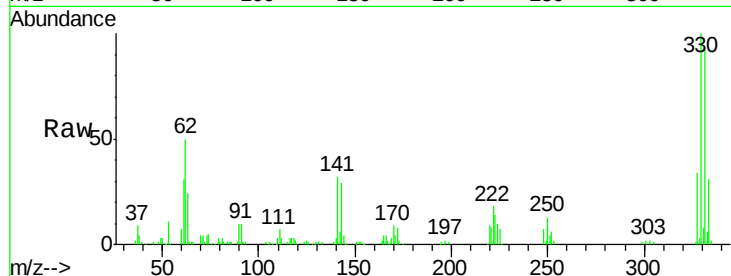




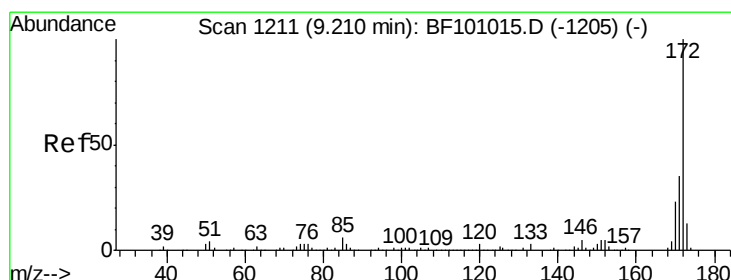
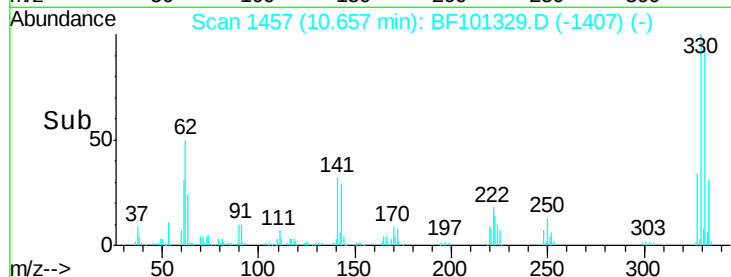
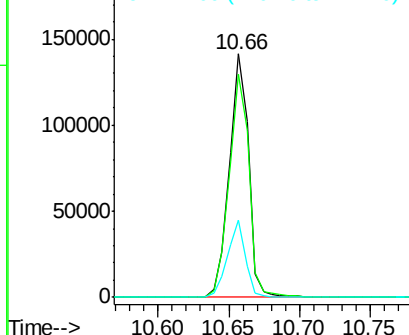
#41
 2,4,6-Tribromophenol
 Concen: 137.845 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF101329.D
 Acq: 12 Dec 2017 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB104934BL

Tot Ion:330 Resp: 135137
 Ion Ratio Lower Upper
 330 100
 332 94.3 77.0 115.6
 141 29.4 29.9 44.9#

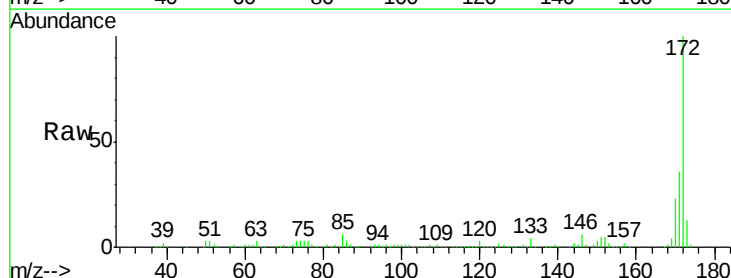


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

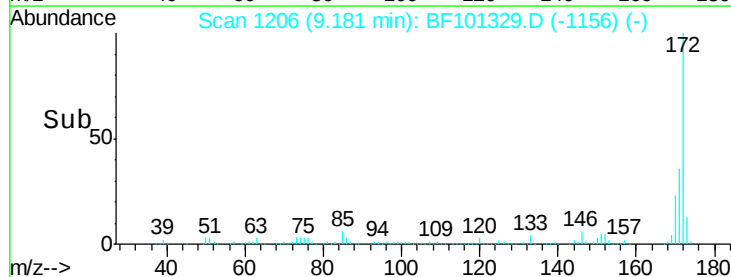
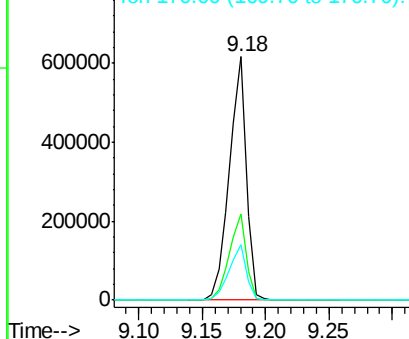


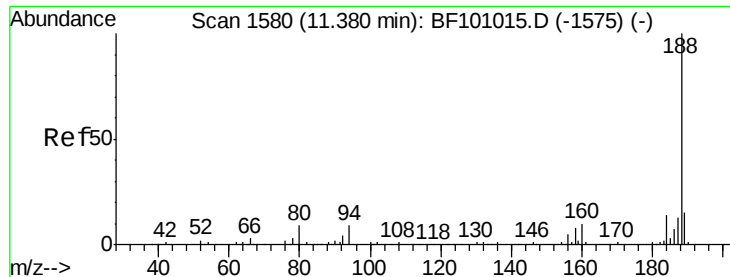
#44
 2-Fluorobiphenyl
 Concen: 95.835 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF101329.D
 Acq: 12 Dec 2017 15:00

Tgt Ion:172 Resp: 571628
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 22.9 19.6 29.4



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

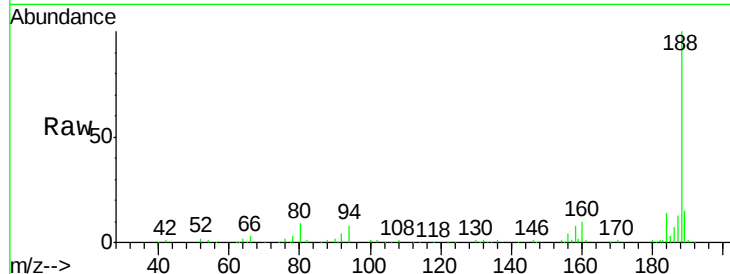




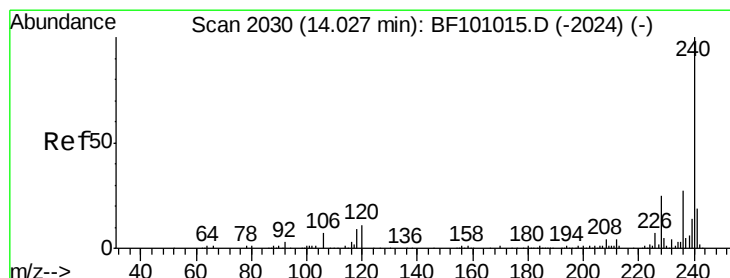
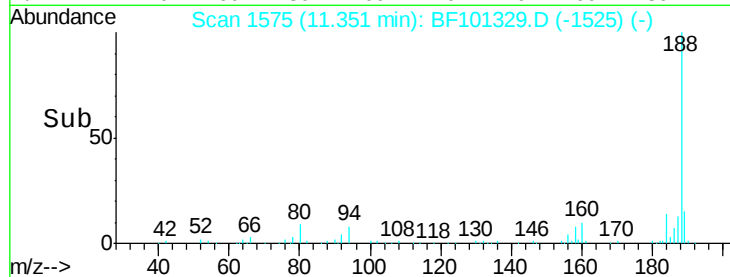
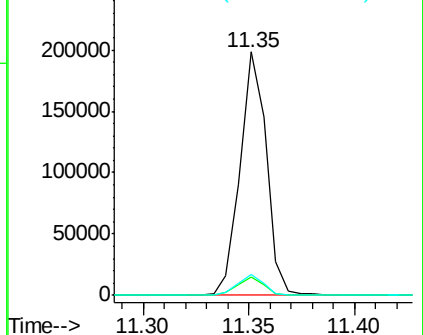
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF101329.D
Acq: 12 Dec 2017 15:00

Instrument :
BNA_F
ClientSampled :
PB104934BL

Tot Ion:188 Resp: 171424
Ion Ratio Lower Upper
188 100
94 7.8 8.5 12.7#
80 8.8 9.2 13.8#

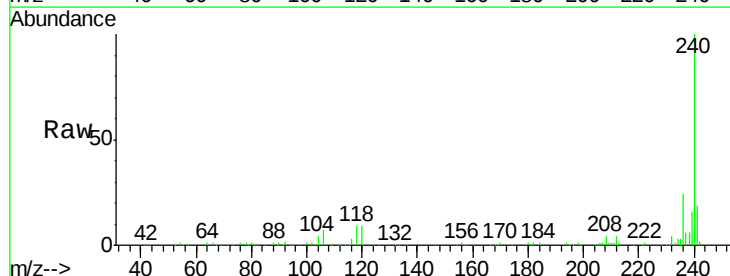


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

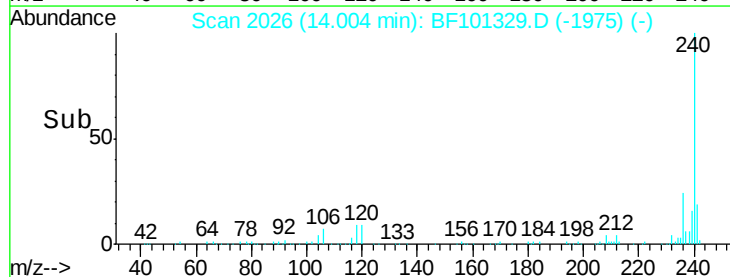
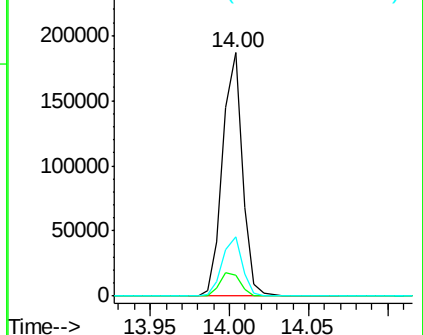


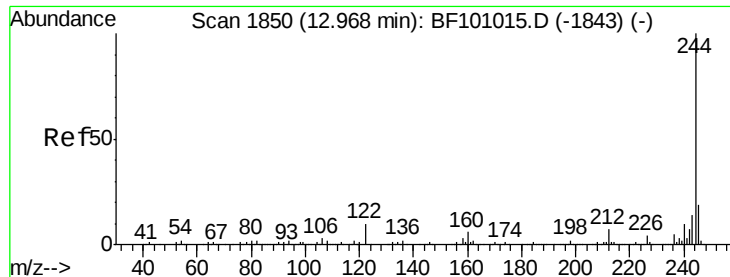
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF101329.D
Acq: 12 Dec 2017 15:00

Tgt Ion:240 Resp: 162462
Ion Ratio Lower Upper
240 100
120 8.6 9.5 14.3#
236 24.5 20.7 31.1



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: 89.397 ng

RT: 12.95 min Scan# 1846

Delta R.T. 0.01 min

Lab File: BF101329.D

Acq: 12 Dec 2017 15:00

Instrument :

BNA_F

ClientSampleId :

PB104934BL

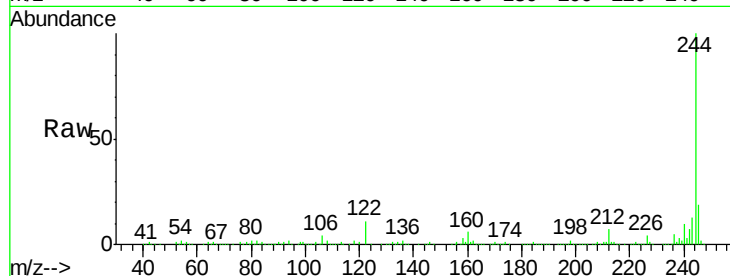
Tot Ion:244 Resp: 664012

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

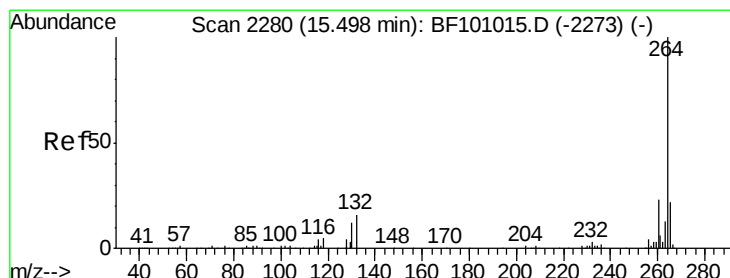
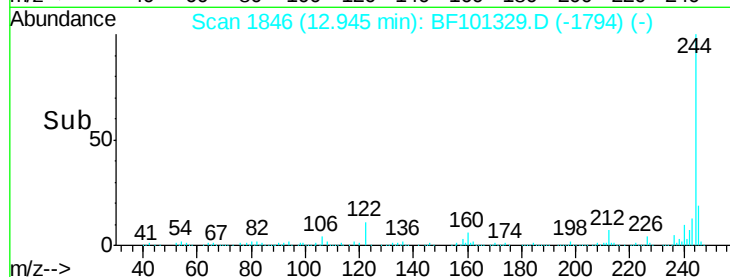
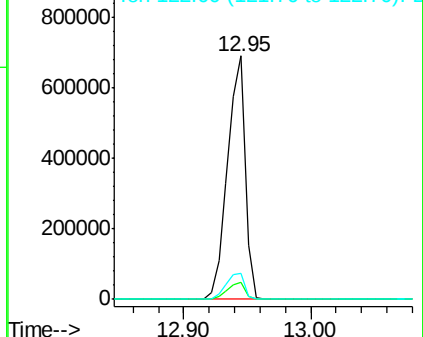
122 10.6 11.0 16.4#



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: 15.48 min Scan# 2277

Delta R.T. 0.01 min

Lab File: BF101329.D

Acq: 12 Dec 2017 15:00

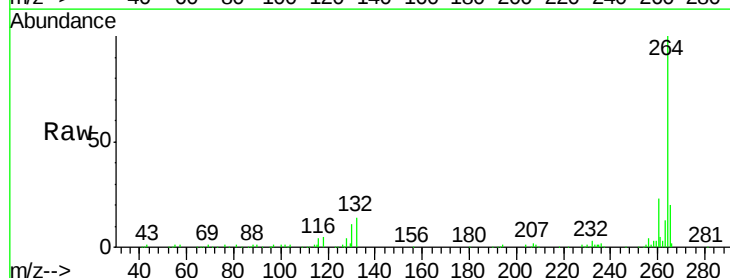
Tgt Ion:264 Resp: 153478

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 19.8 17.5 26.3



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

