

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
 Data File : BF096433.D
 Acq On : 3 Jul 2017 11:33
 Operator : SJ/MA
 Sample : PB100328BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB100328BL

Quant Time: Jul 03 16:27:21 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	125291	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	582034	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	260355	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	456183	20.00	ng	-0.02
75) Chrysene-d12	13.86	240	355109	20.00	ng	-0.02
86) Perylene-d12	15.27	264	259947	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	921655	108.57	ng	0.00
7) Phenol-d6	6.36	99	1118228	107.15	ng	-0.01
23) Nitrobenzene-d5	7.28	82	652813	67.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	218761	107.57	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	1105862	72.62	ng	-0.02
78) Terphenyl-d14	12.82	244	948142	57.05	ng	-0.01

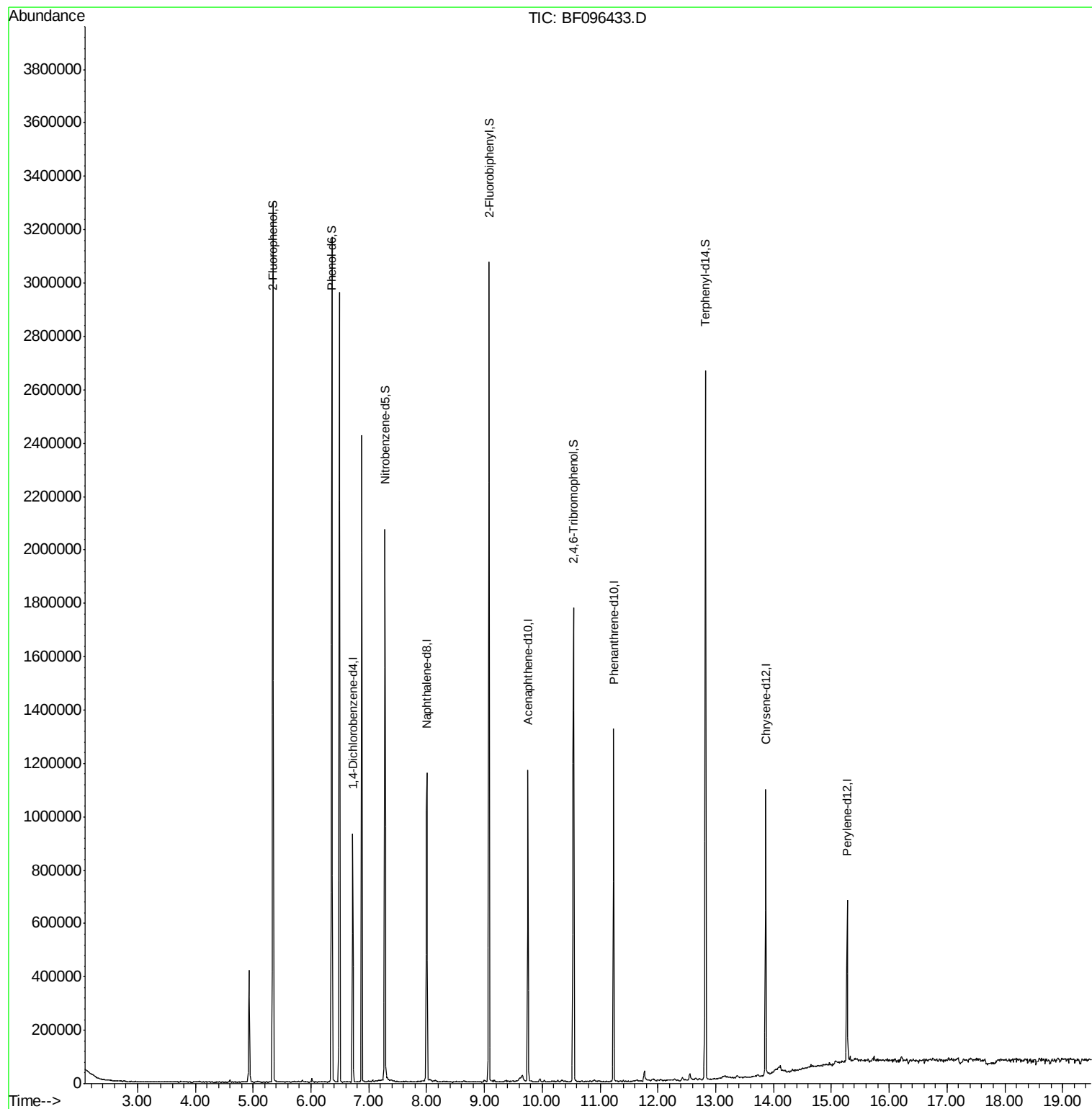
Target Compounds	Qvalue
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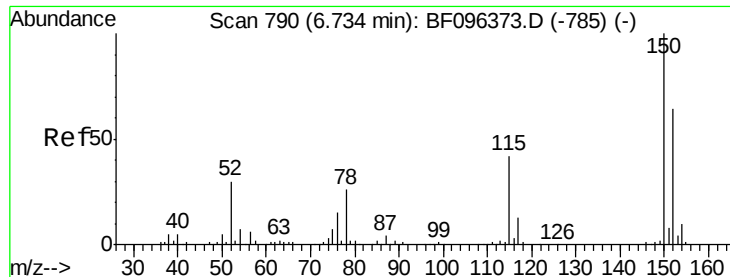
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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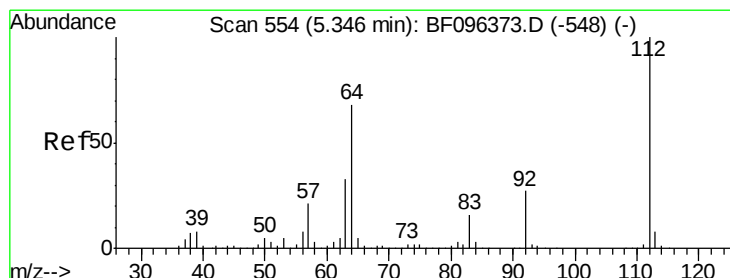
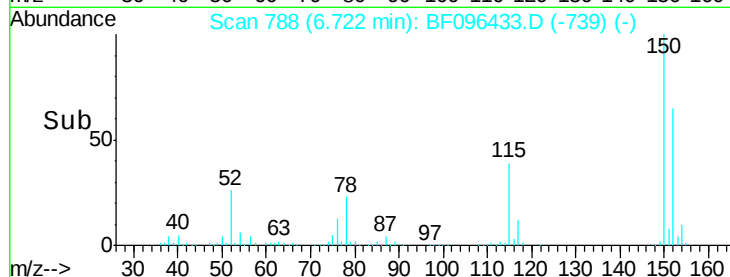
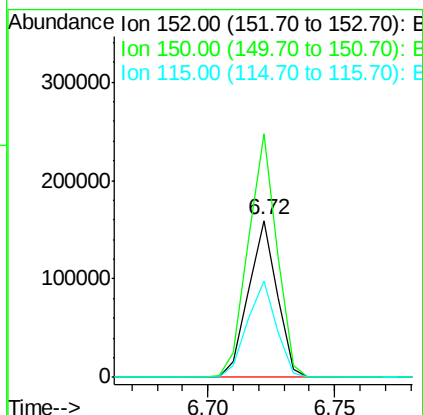
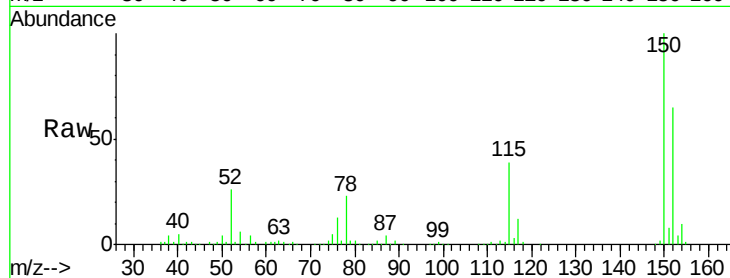


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF096433.D
Acq: 3 Jul 2017 11:33

Instrument :
BNA_F
ClientSampleId :
PB100328BL

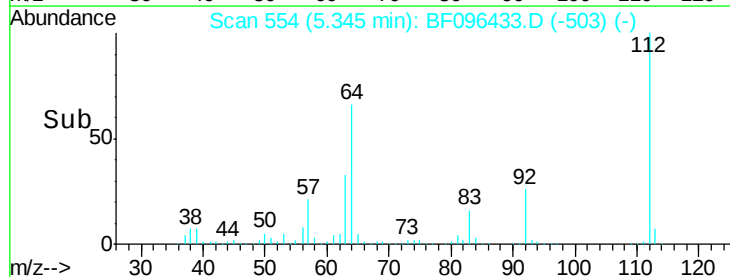
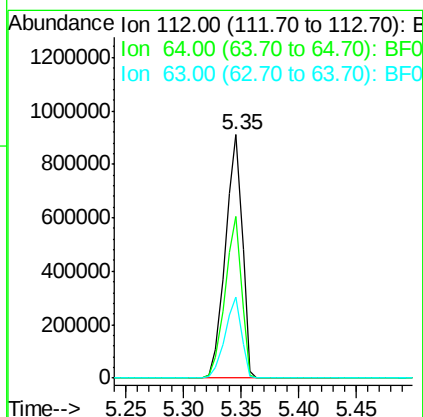
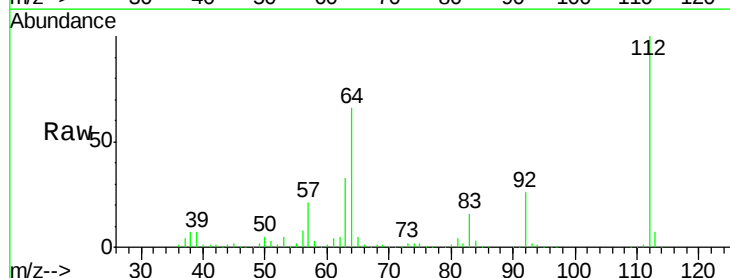
Tgt Ion:152 Resp: 125291
Ion Ratio Lower Upper
152 100
150 155.0 126.2 189.2
115 61.2 52.2 78.2

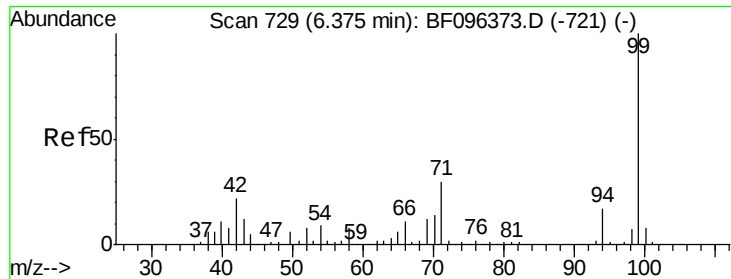


#5

2-Fluorophenol
Concen: 108.574 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF096433.D
Acq: 3 Jul 2017 11:33

Tgt Ion:112 Resp: 921655
Ion Ratio Lower Upper
112 100
64 66.4 46.0 69.0
63 33.1 23.4 35.0





#7

Phenol-d6

Concen: 107.153 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF096433.D

Acq: 3 Jul 2017 11:33

Instrument :

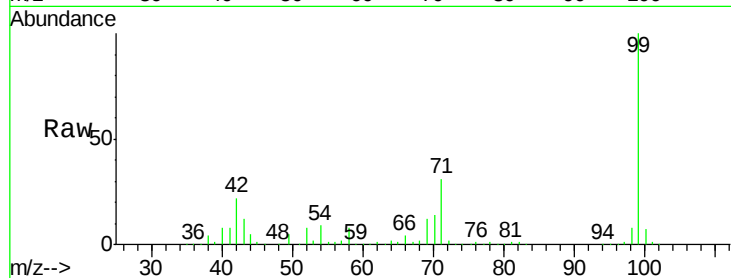
BNA_F

ClientSampled :

PB100328BL

Tgt Ion: 99 Resp: 1118228

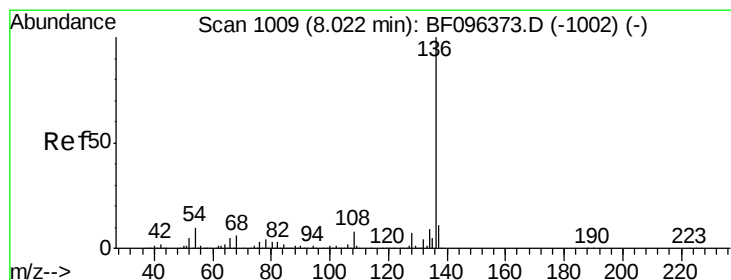
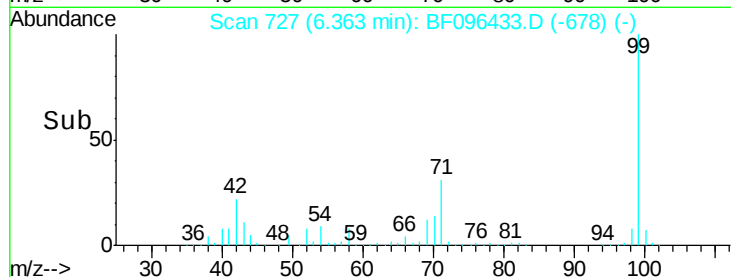
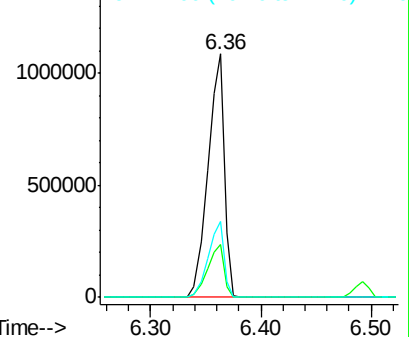
Ion	Ratio	Lower	Upper
99	100		
42	21.8	13.5	20.3#
71	31.4	24.5	36.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

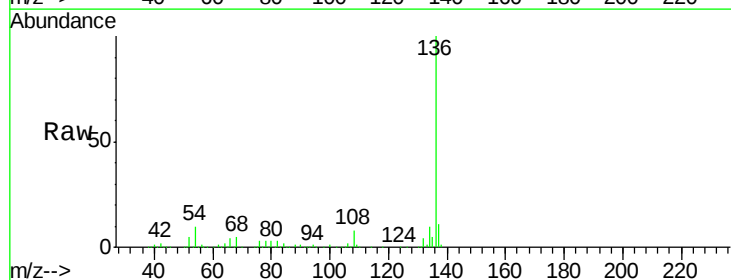
Delta R.T. -0.02 min

Lab File: BF096433.D

Acq: 3 Jul 2017 11:33

Tgt Ion: 136 Resp: 582034

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	9.8	4.9	7.3#
68	5.3	4.1	6.1

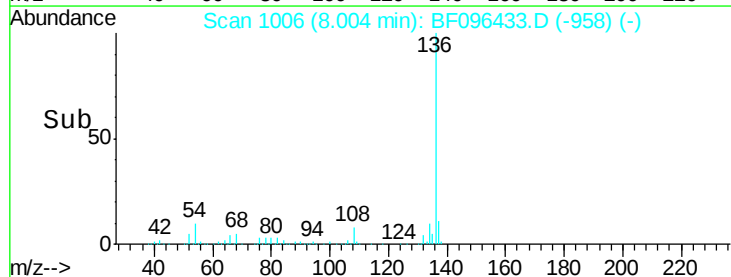
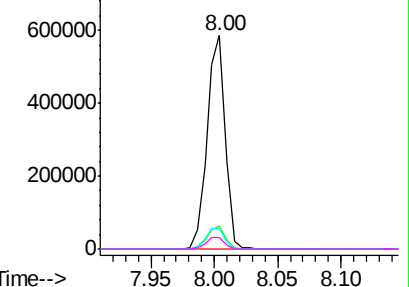


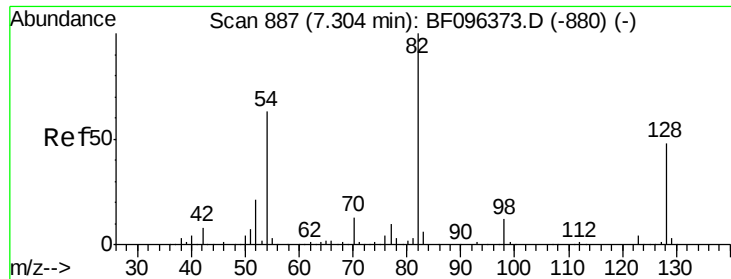
Abundance Ion 136.00 (135.70 to 136.70): E

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

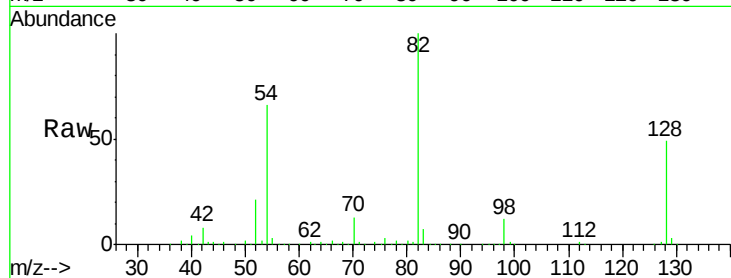




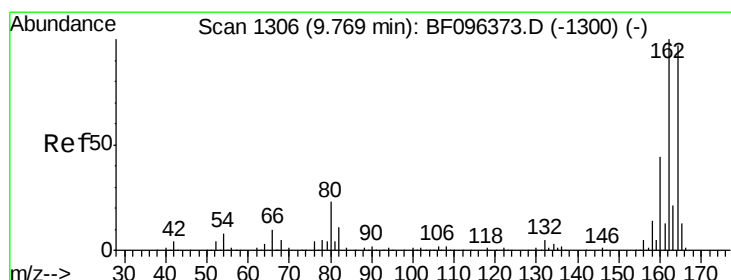
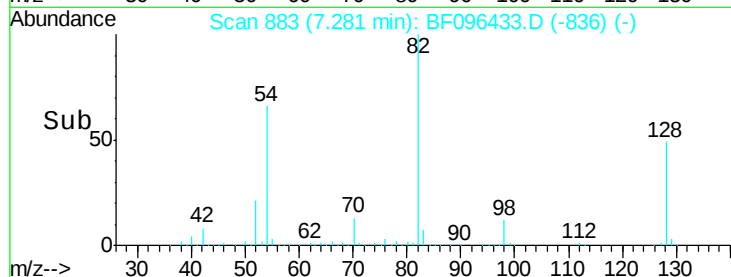
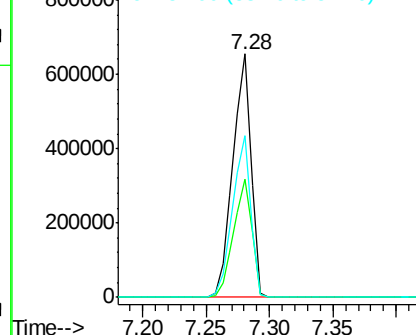
#23
Nitrobenzene-d5
Concen: 67.398 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF096433.D
Acq: 3 Jul 2017 11:33

Instrument :
BNA_F
ClientSampleId :
PB100328BL

Tgt Ion: 82 Resp: 652813
Ion Ratio Lower Upper
82 100
128 48.6 34.0 51.0
54 66.4 42.2 63.2#

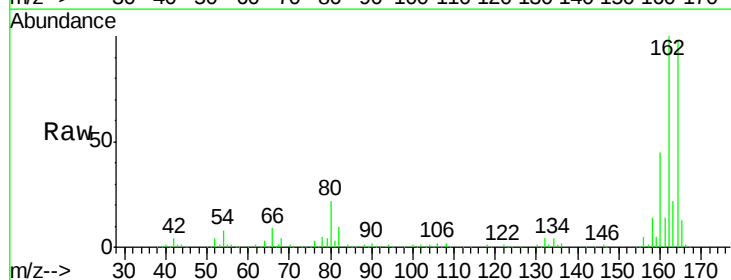


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

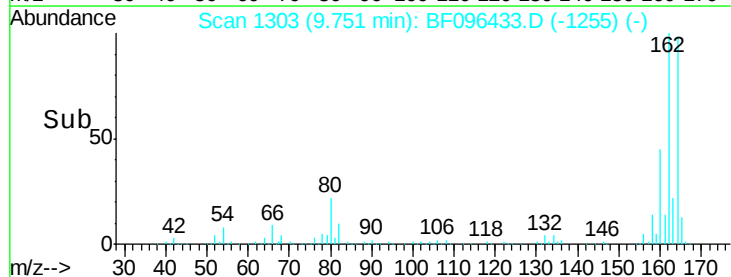
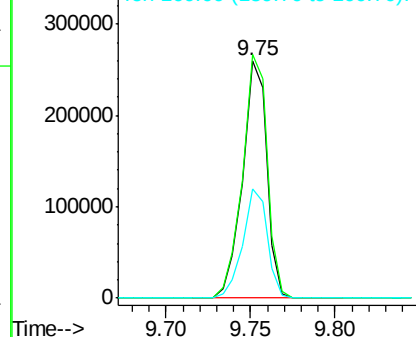


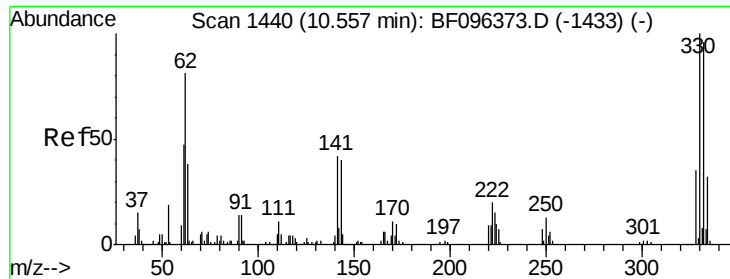
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF096433.D
Acq: 3 Jul 2017 11:33

Tgt Ion: 164 Resp: 260355
Ion Ratio Lower Upper
164 100
162 102.5 82.6 123.8
160 45.9 36.2 54.2



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

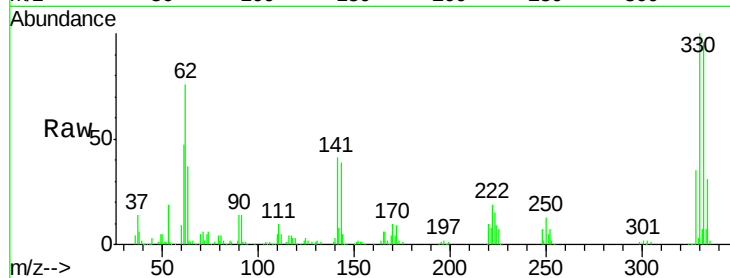




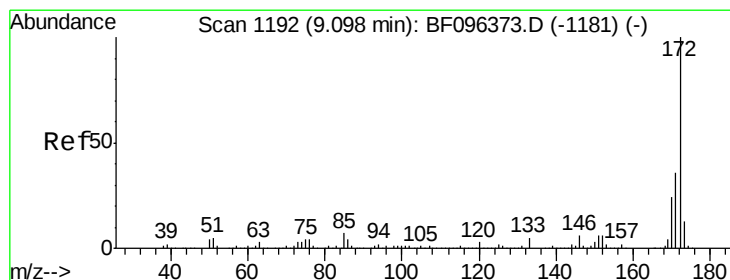
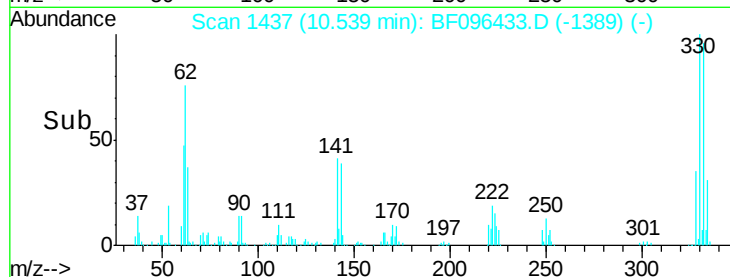
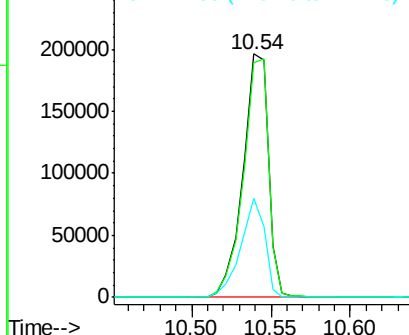
#41
 2,4,6-Tribromophenol
 Concen: 107.568 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.02 min
 Lab File: BF096433.D
 Acq: 3 Jul 2017 11:33

Instrument :
 BNA_F
 ClientSampleId :
 PB100328BL

Tgt Ion:330 Resp: 218761
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 115.0
 141 38.2 31.4 47.2

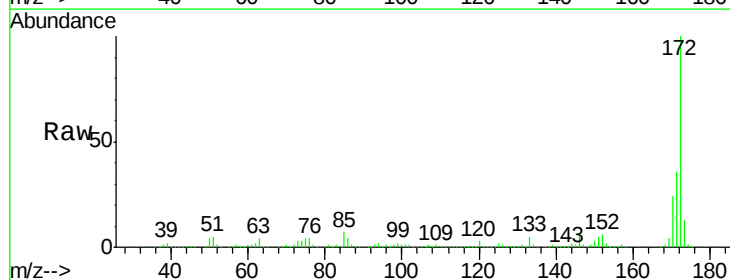


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

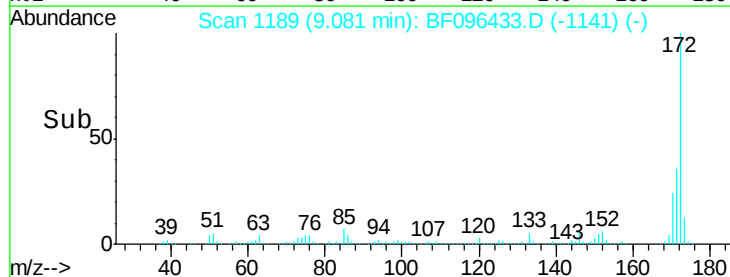
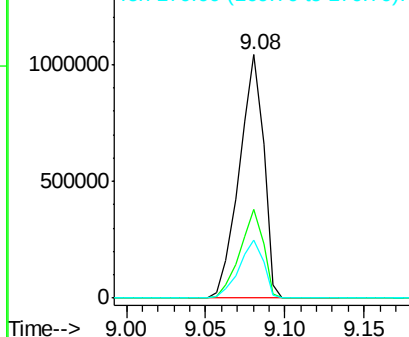


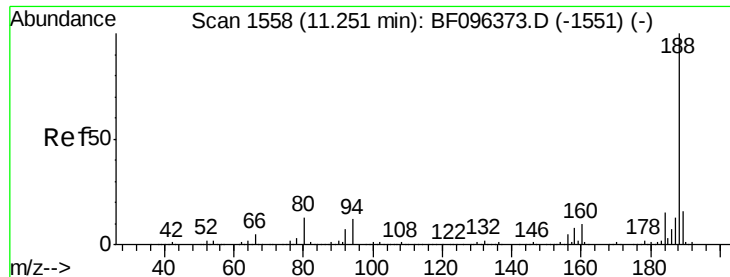
#44
 2-Fluorobiphenyl
 Concen: 72.623 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.02 min
 Lab File: BF096433.D
 Acq: 3 Jul 2017 11:33

Tgt Ion:172 Resp: 1105862
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.0 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

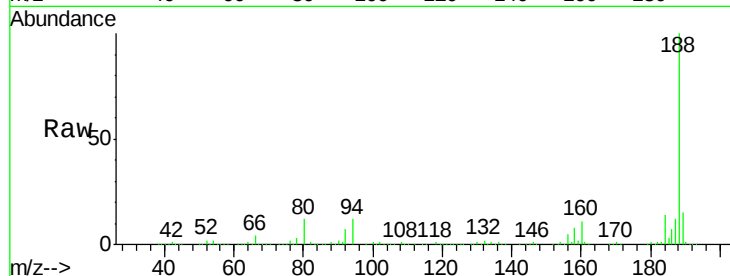




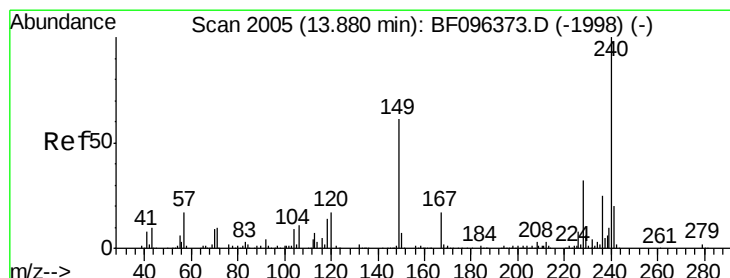
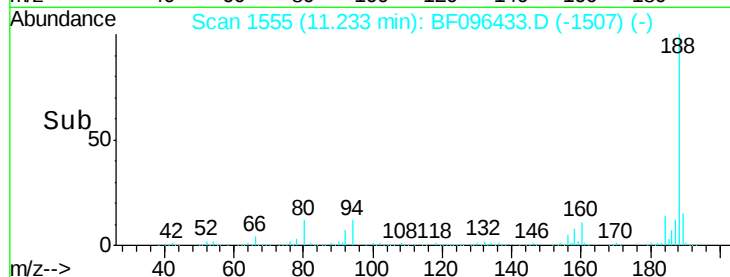
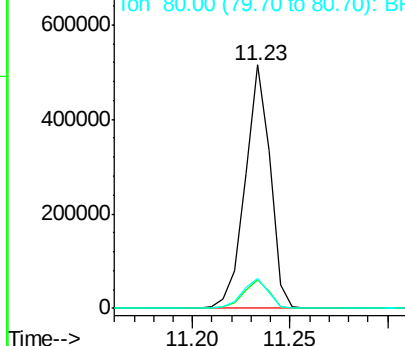
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF096433.D
Acq: 3 Jul 2017 11:33

Instrument :
BNA_F
ClientSampleId :
PB100328BL

Tgt Ion:188 Resp: 456183
Ion Ratio Lower Upper
188 100
94 11.7 9.4 14.2
80 12.2 10.2 15.2

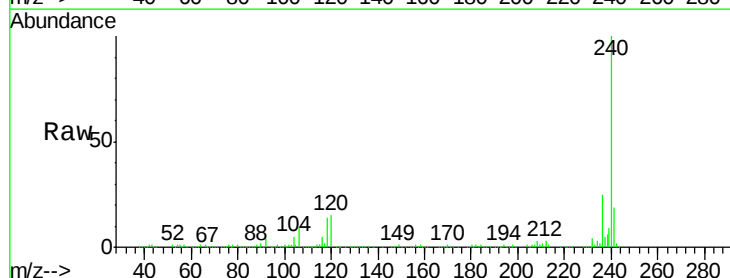


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

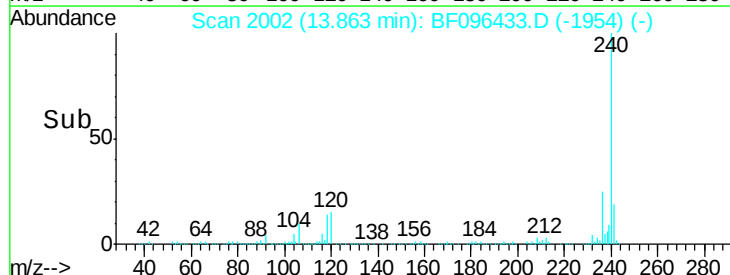
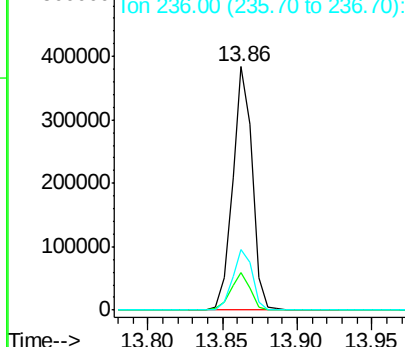


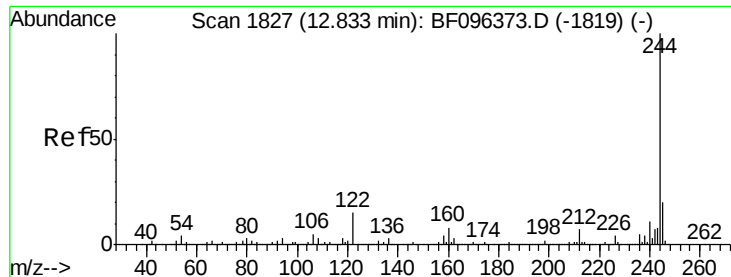
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF096433.D
Acq: 3 Jul 2017 11:33

Tgt Ion:240 Resp: 355109
Ion Ratio Lower Upper
240 100
120 15.4 5.8 8.8#
236 24.9 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

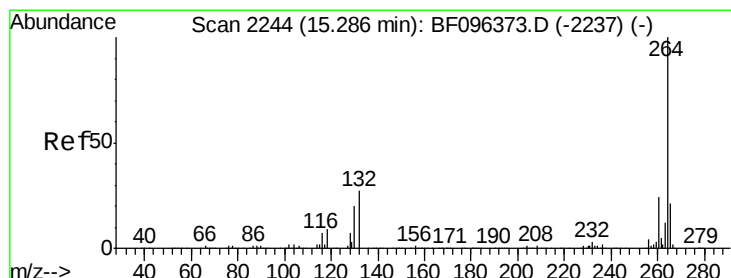
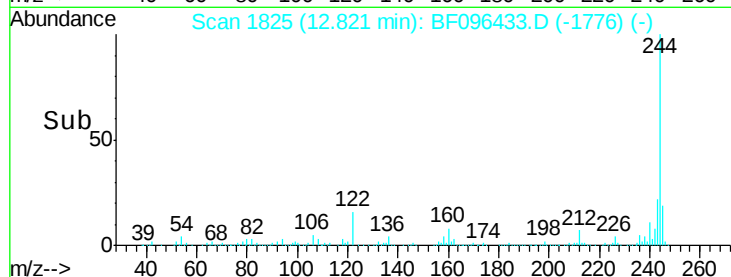
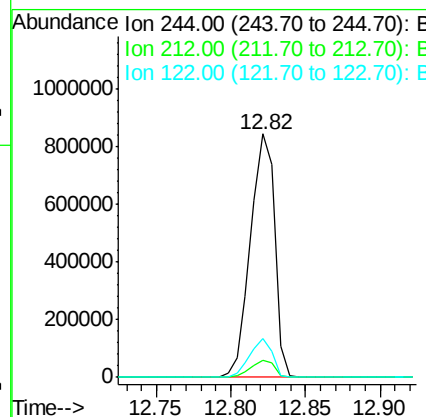
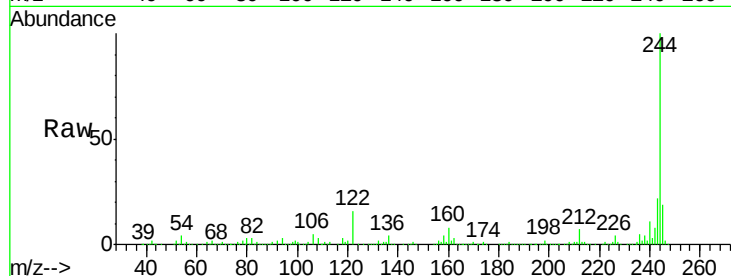




#78
 Terphenyl-d14
 Concen: 57.054 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF096433.D
 Acq: 3 Jul 2017 11:33

Instrument :
 BNA_F
 ClientSampleID :
 PB100328BL

Tgt Ion: 244 Resp: 948142
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 16.0 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. -0.01 min
 Lab File: BF096433.D
 Acq: 3 Jul 2017 11:33

Tgt Ion: 264 Resp: 259947
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.5 29.3
 265 21.7 17.2 25.8

