

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
 Data File : BF096662.D
 Acq On : 12 Jul 2017 00:30
 Operator : SJ/JU
 Sample : PB100552BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB100552BL

Quant Time: Jul 12 04:04:56 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	115324	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	480350	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	198410	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	347301	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	258808	20.00	ng	-0.02
86) Perylene-d12	15.22	264	194425	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	840823	107.61	ng	0.00
7) Phenol-d6	6.33	99	1054128	109.74	ng	-0.02
23) Nitrobenzene-d5	7.25	82	614203	76.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	188169	121.41	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	1071303	92.32	ng	-0.02
78) Terphenyl-d14	12.78	244	777007	64.15	ng	-0.02

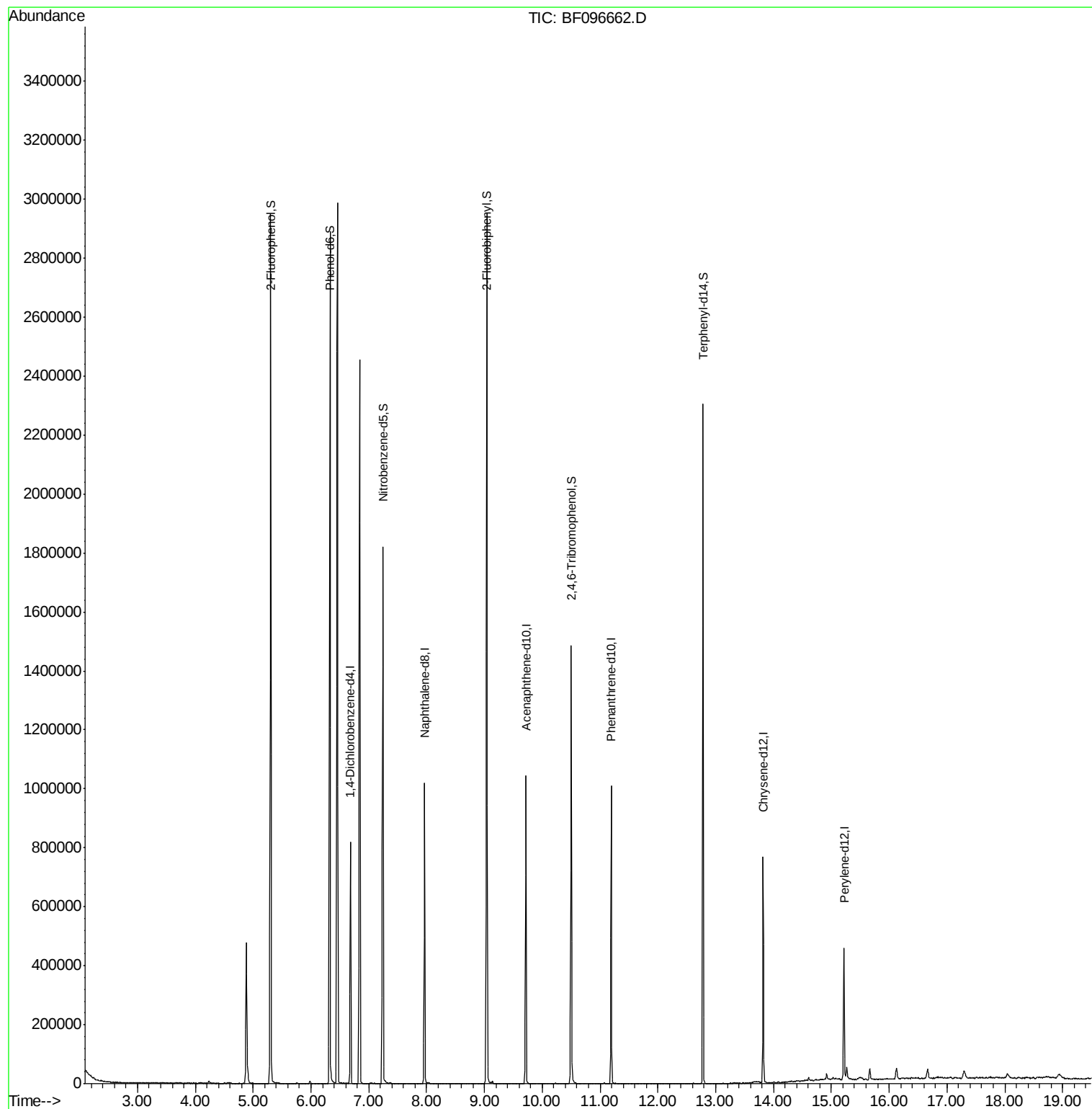
Target Compounds	Qvalue
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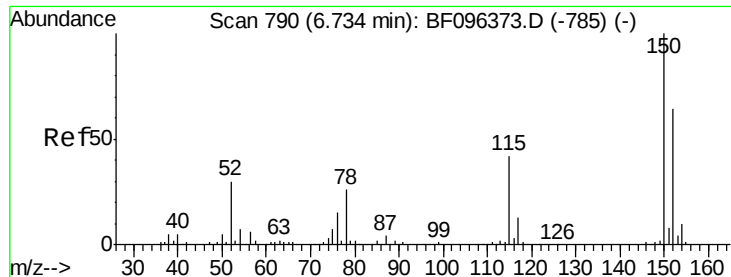
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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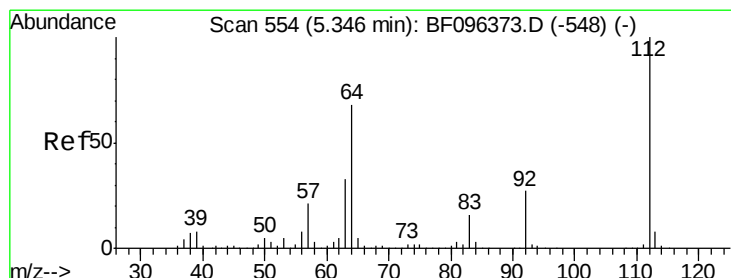
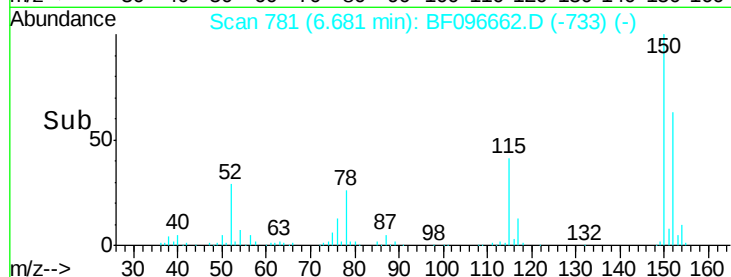
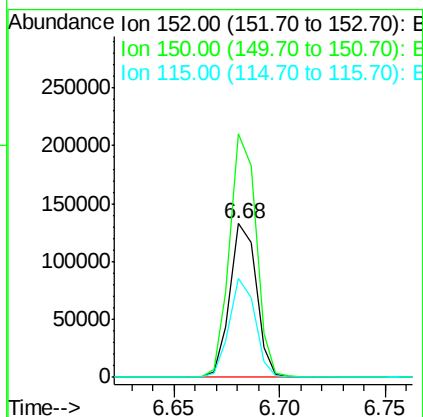
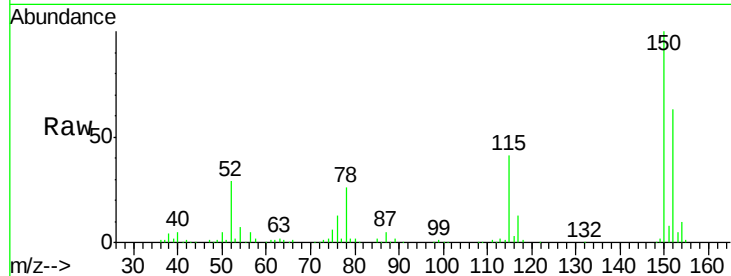


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF096662.D
Acq: 12 Jul 2017 00:30

Instrument :
BNA_F
ClientSampleId :
PB100552BL

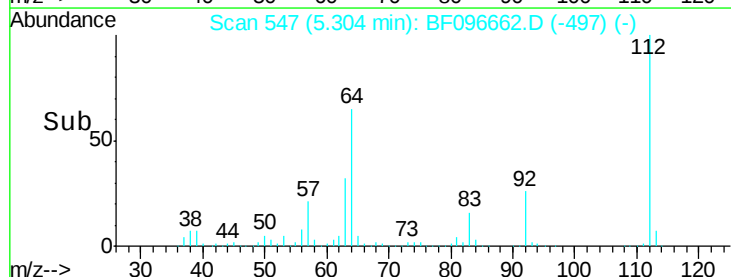
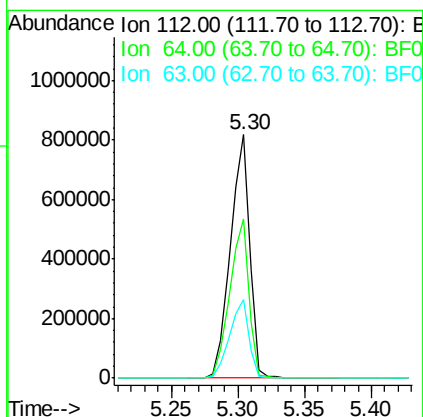
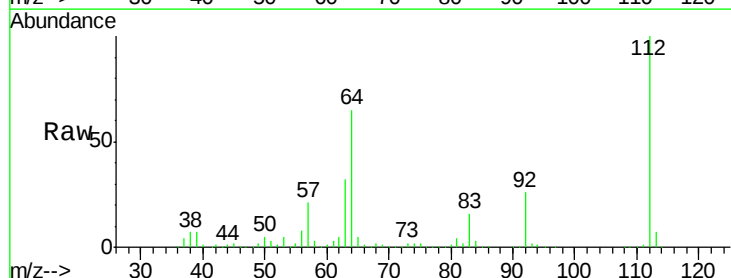
Tgt Ion:152 Resp: 115324
Ion Ratio Lower Upper
152 100
150 158.6 126.2 189.2
115 64.6 52.2 78.2



#5

2-Fluorophenol
Concen: 107.612 ng
RT: 5.30 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF096662.D
Acq: 12 Jul 2017 00:30

Tgt Ion:112 Resp: 840823
Ion Ratio Lower Upper
112 100
64 65.4 46.0 69.0
63 32.5 23.4 35.0





#7

Phenol-d6

Concen: 109.741 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096662.D

Acq: 12 Jul 2017 00:30

Instrument :

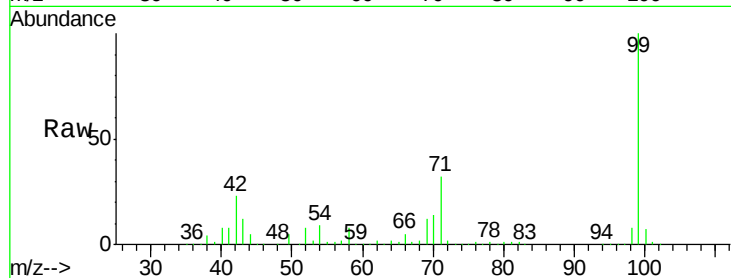
BNA_F

ClientSampleId :

PB100552BL

Tgt Ion: 99 Resp: 1054128

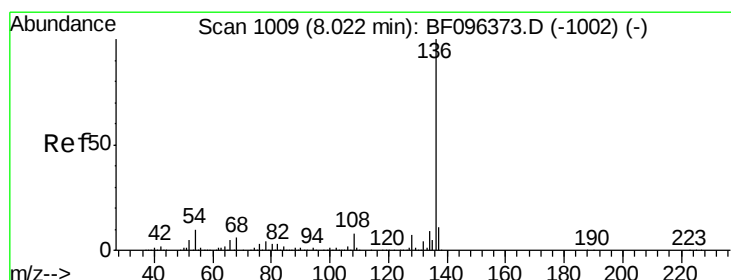
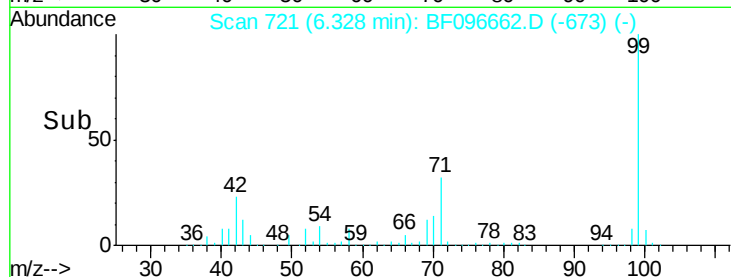
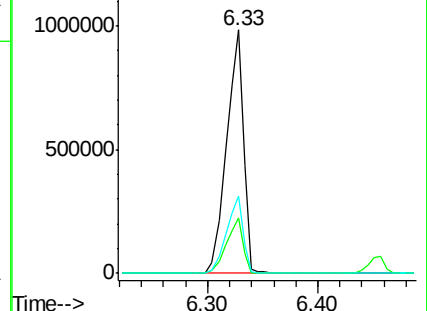
Ion	Ratio	Lower	Upper
99	100		
42	22.8	13.5	20.3#
71	31.8	24.5	36.7



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: 7.96 min Scan# 999

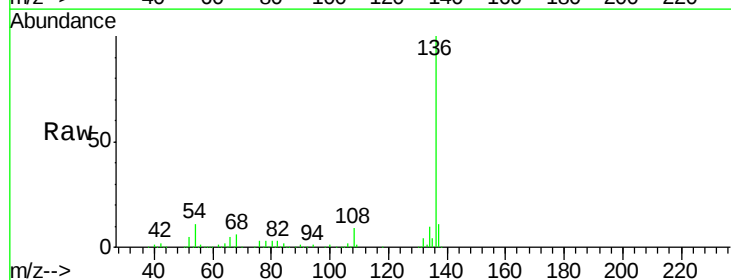
Delta R.T. -0.02 min

Lab File: BF096662.D

Acq: 12 Jul 2017 00:30

Tgt Ion: 136 Resp: 480350

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	10.7	4.9	7.3#
68	5.7	4.1	6.1

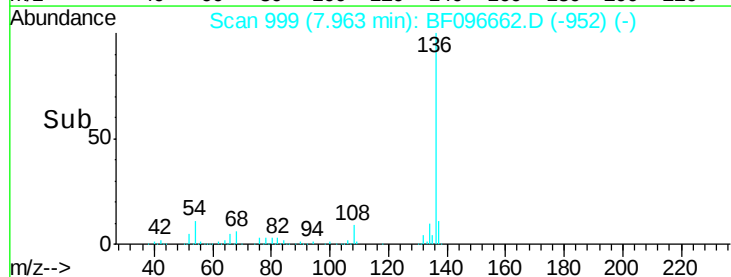
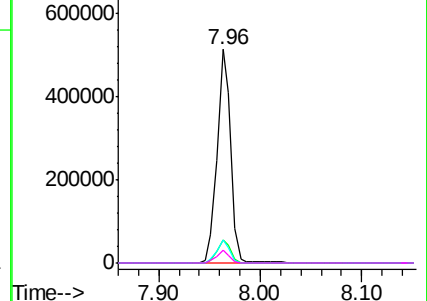


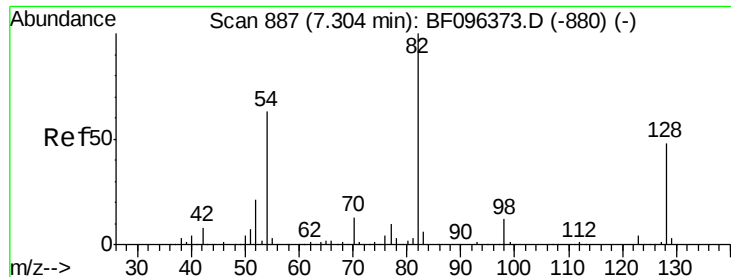
Abundance Ion 136.00 (135.70 to 136.70): E

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

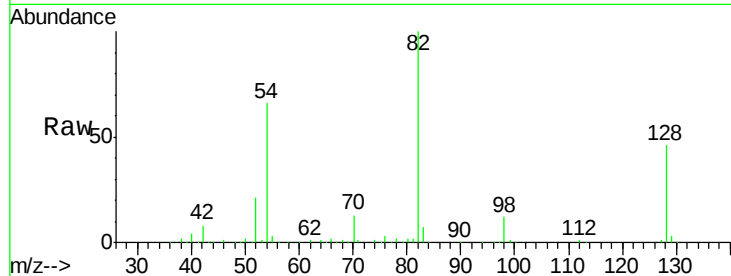




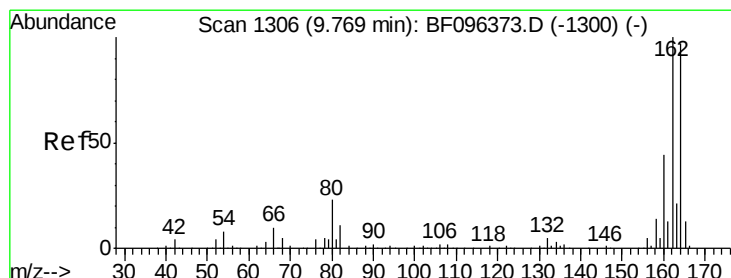
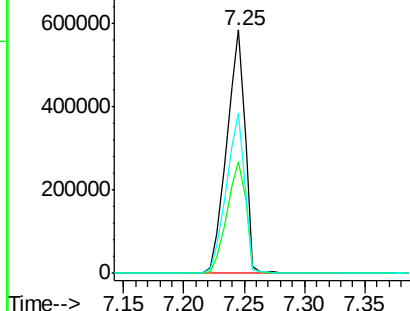
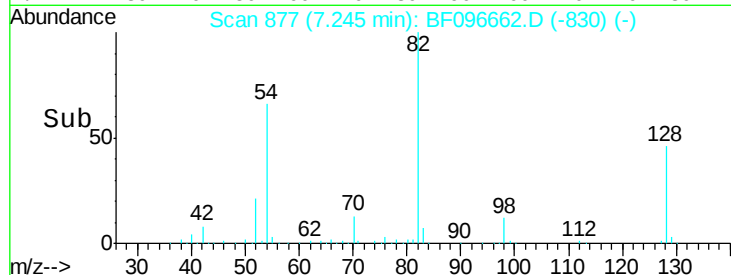
#23
 Nitrobenzene-d5
 Concen: 76.836 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.02 min
 Lab File: BF096662.D
 Acq: 12 Jul 2017 00:30

Instrument :
 BNA_F
 ClientSampleId :
 PB100552BL

Tgt Ion: 82 Resp: 614203
 Ion Ratio Lower Upper
 82 100
 128 46.0 34.0 51.0
 54 66.0 42.2 63.2#

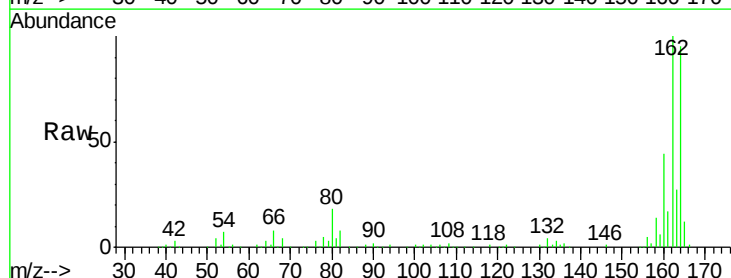


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

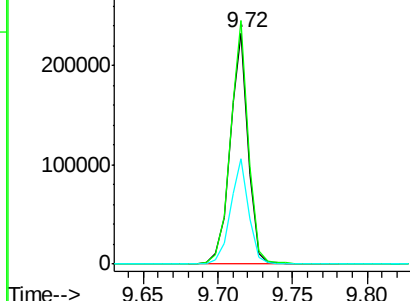
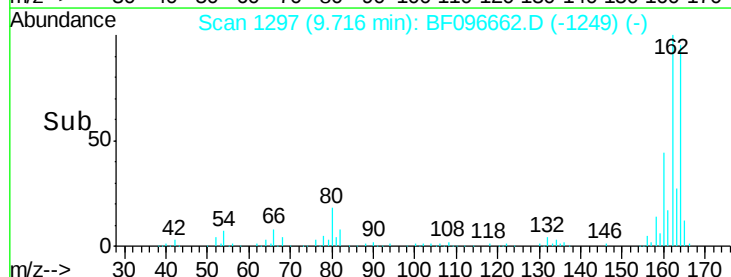


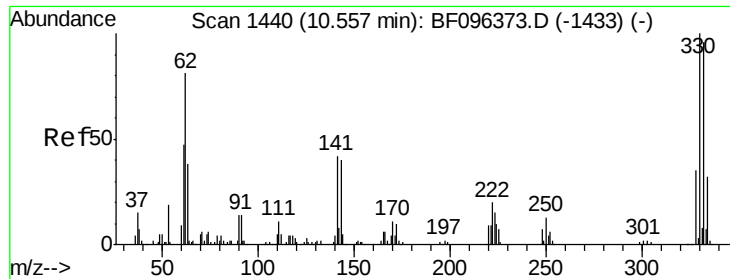
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF096662.D
 Acq: 12 Jul 2017 00:30

Tgt Ion: 164 Resp: 198410
 Ion Ratio Lower Upper
 164 100
 162 105.4 82.6 123.8
 160 45.9 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

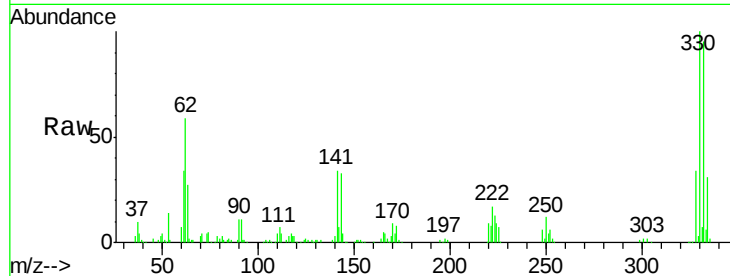




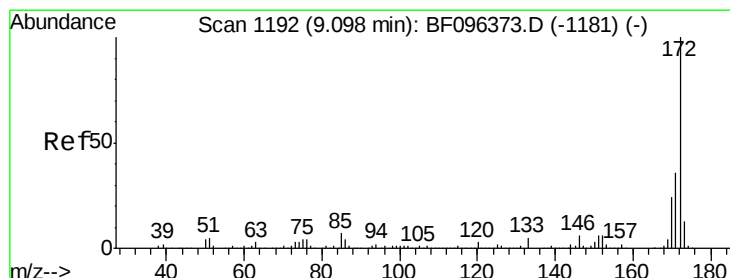
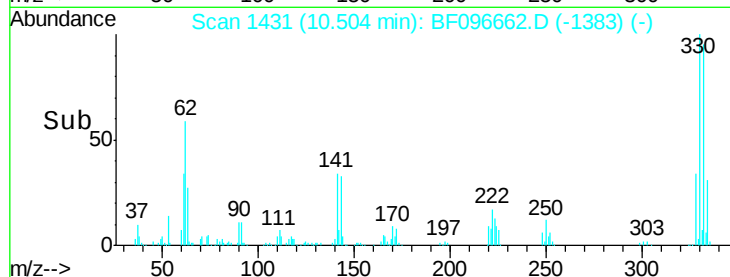
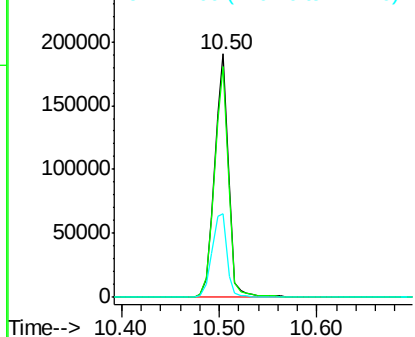
#41
 2,4,6-Tribromophenol
 Concen: 121.413 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF096662.D
 Acq: 12 Jul 2017 00:30

Instrument :
 BNA_F
 ClientSampleId :
 PB100552BL

Tgt Ion:330 Resp: 188169
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 115.0
 141 37.4 31.4 47.2

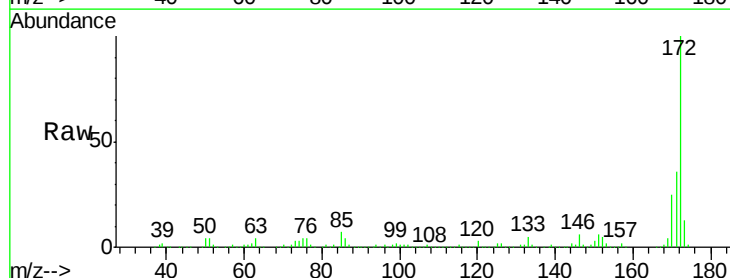


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

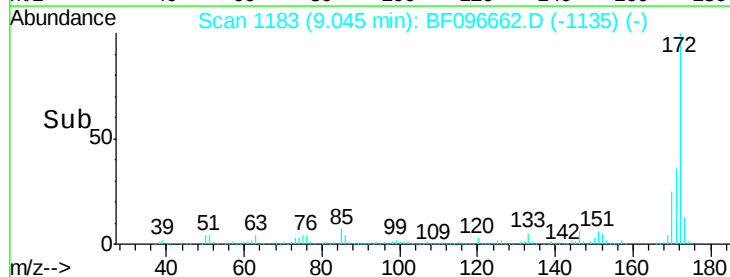
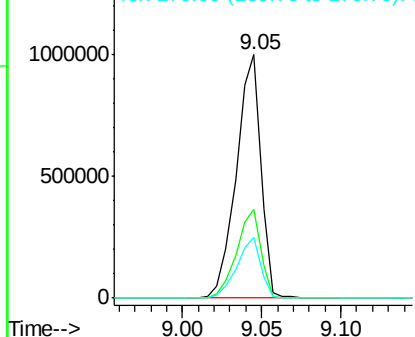


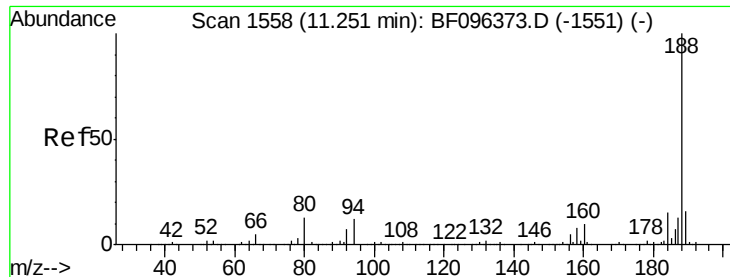
#44
 2-Fluorobiphenyl
 Concen: 92.318 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF096662.D
 Acq: 12 Jul 2017 00:30

Tgt Ion:172 Resp: 1071303
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.8 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

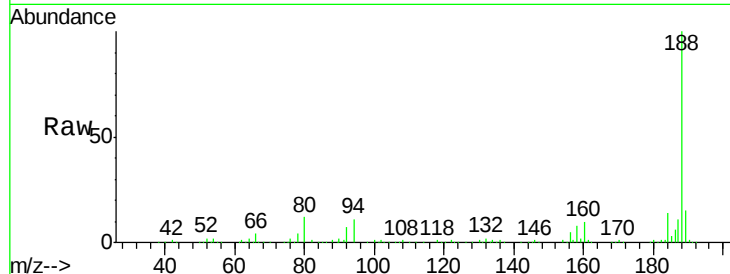




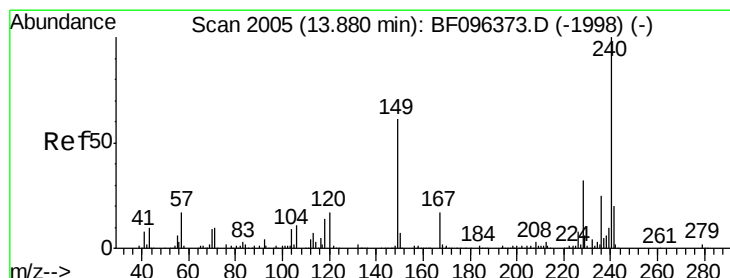
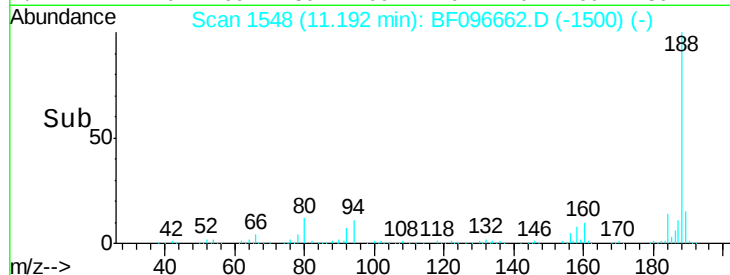
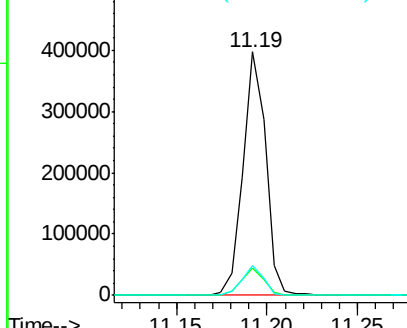
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF096662.D
Acq: 12 Jul 2017 00:30

Instrument :
BNA_F
ClientSampleId :
PB100552BL

Tgt Ion:188 Resp: 347301
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 12.1 10.2 15.2

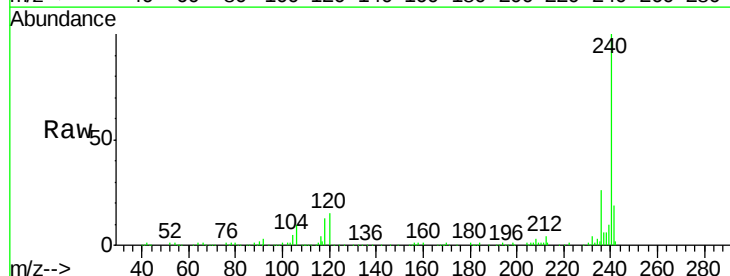


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

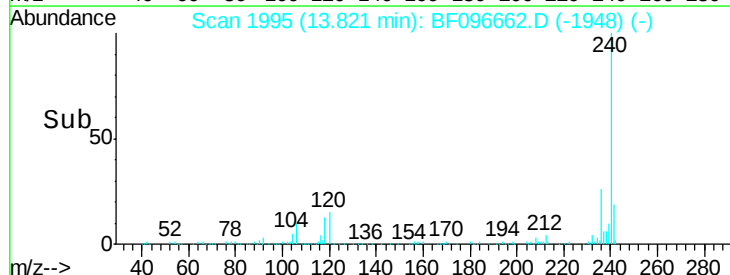
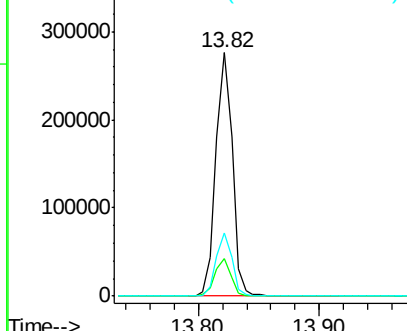


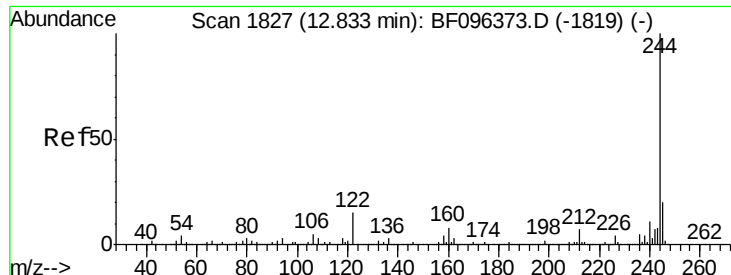
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF096662.D
Acq: 12 Jul 2017 00:30

Tgt Ion:240 Resp: 258808
Ion Ratio Lower Upper
240 100
120 15.2 5.8 8.8#
236 26.0 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

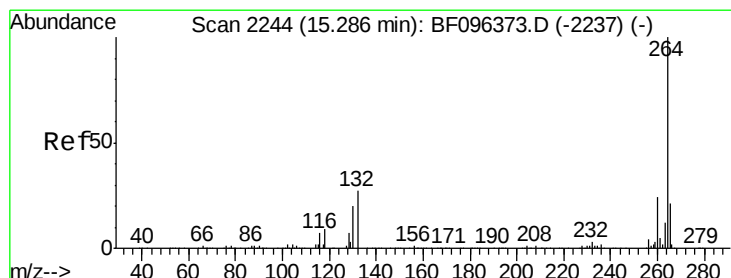
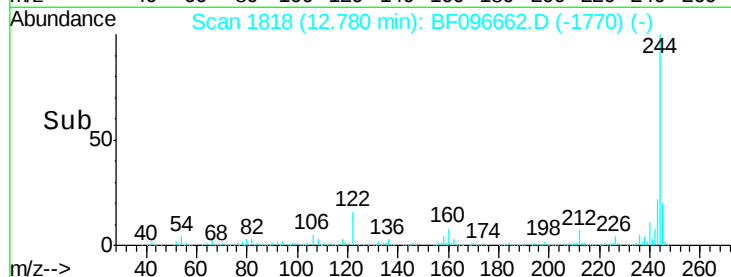
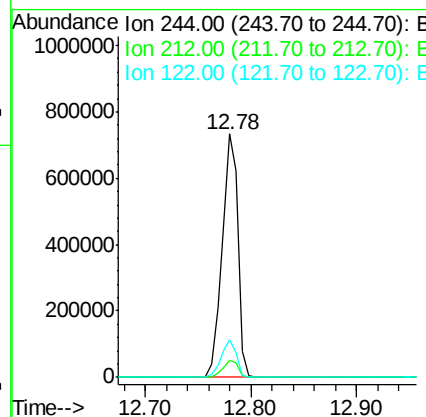
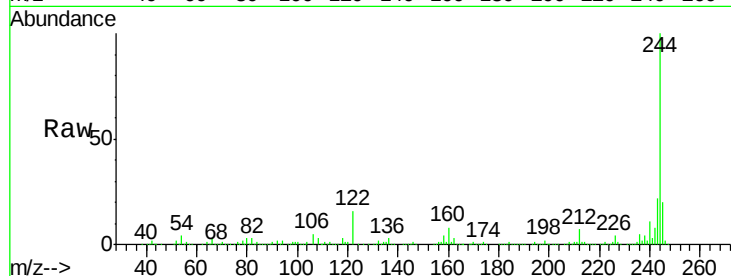




#78
 Terphenyl-d14
 Concen: 64.153 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BF096662.D
 Acq: 12 Jul 2017 00:30

Instrument :
 BNA_F
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 PB100552BL

Tgt Ion:244 Resp: 777007
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 15.6 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.02 min
 Lab File: BF096662.D
 Acq: 12 Jul 2017 00:30

Tgt Ion:264 Resp: 194425
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.5 29.3
 265 22.0 17.2 25.8

