

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070717\
 Data File : BF096557.D
 Acq On : 7 Jul 2017 14:20
 Operator : SJ/MA
 Sample : I4064-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF002-01

Quant Time: Jul 07 15:23:20 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

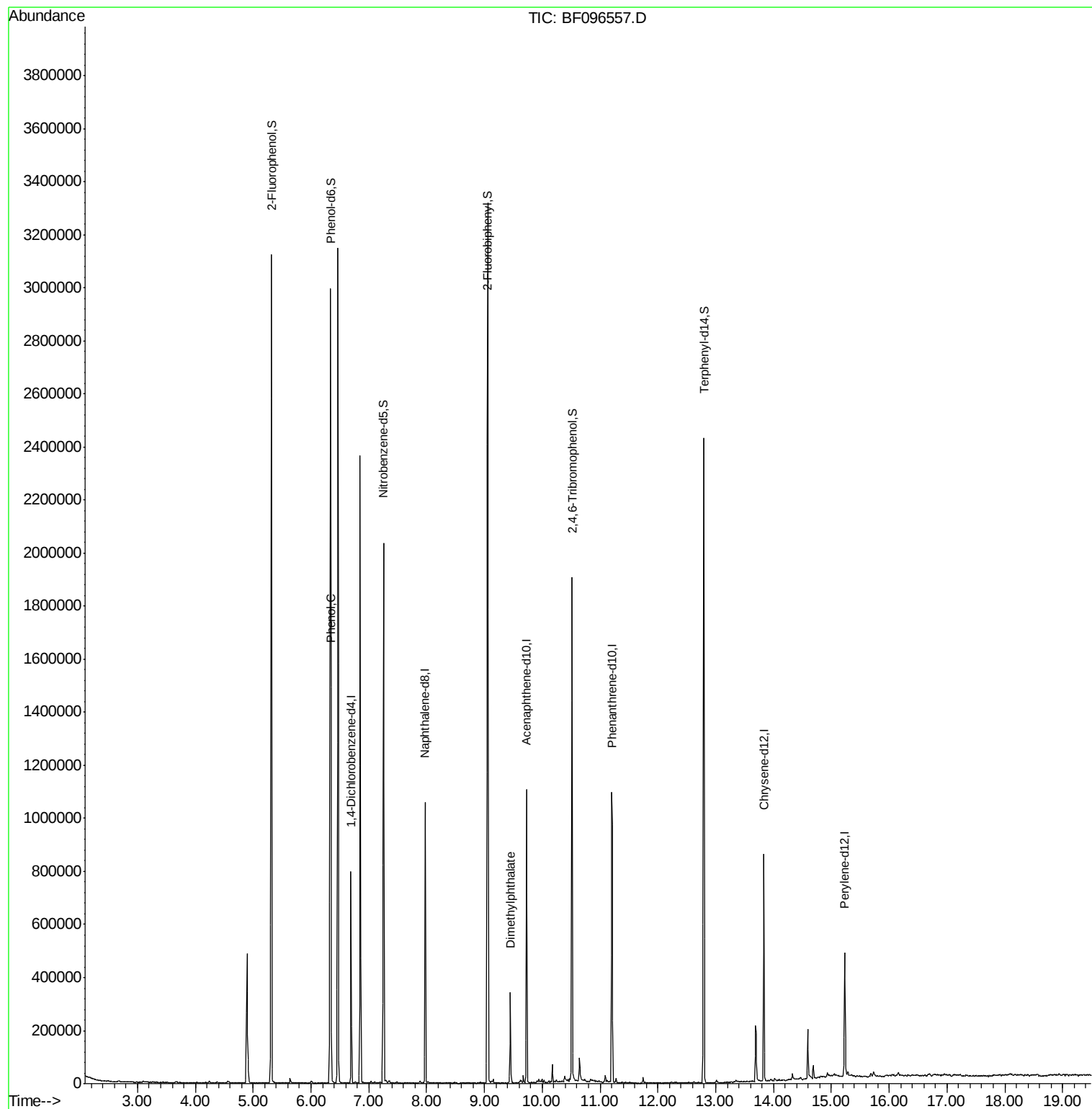
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	121352	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	507926	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	211929	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	399917	20.00	ng	0.00
75) Chrysene-d12	13.83	240	267899	20.00	ng	-0.01
86) Perylene-d12	15.23	264	189504	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	917689	111.62	ng	0.00
7) Phenol-d6	6.34	99	1126344	111.43	ng	0.00
23) Nitrobenzene-d5	7.26	82	669237	79.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	220898	133.44	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1117846	90.18	ng	0.00
78) Terphenyl-d14	12.80	244	862960	68.83	ng	0.00
Target Compounds						
10) Phenol	6.35	94	36341	3.156	ng	89
49) Dimethylphthalate	9.45	163	124865	7.893	ng	99

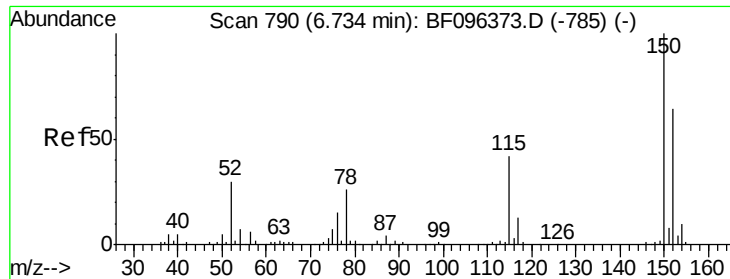
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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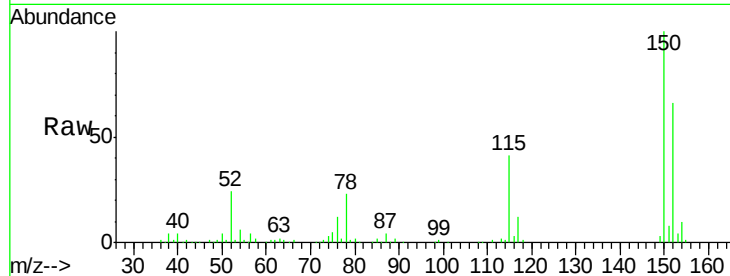


#1

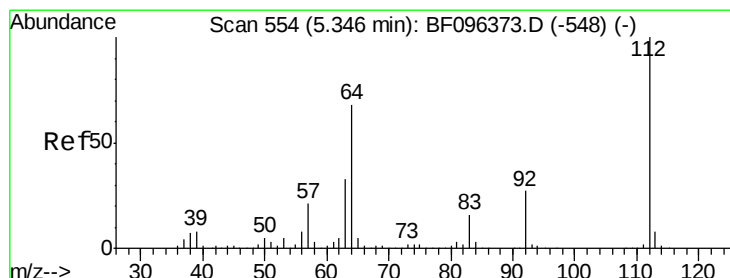
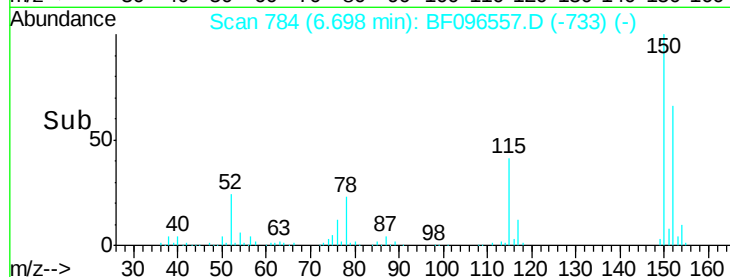
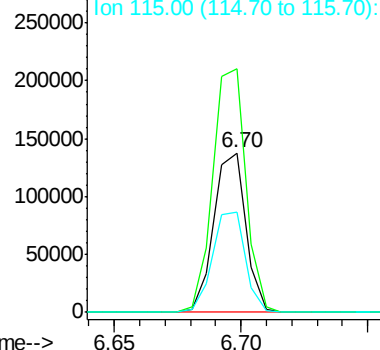
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF096557.D
Acq: 7 Jul 2017 14:20

Instrument :
BNA_F
ClientSampleId :
PET-BF002-01

Tgt Ion:152 Resp: 121352
Ion Ratio Lower Upper
152 100
150 152.6 126.2 189.2
115 62.9 52.2 78.2



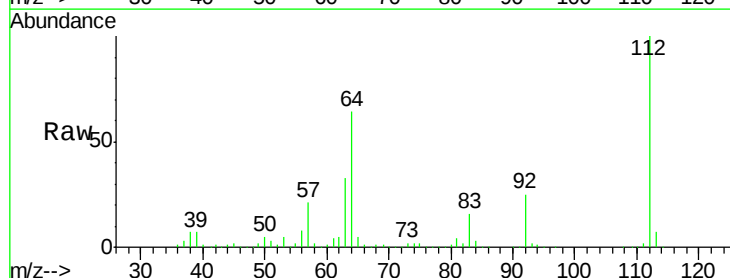
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



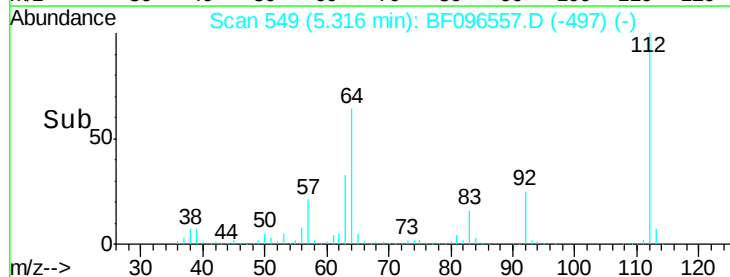
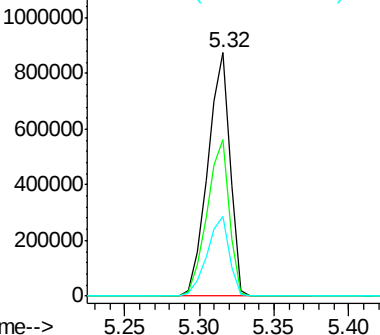
#5

2-Fluorophenol
Concen: 111.616 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.01 min
Lab File: BF096557.D
Acq: 7 Jul 2017 14:20

Tgt Ion:112 Resp: 917689
Ion Ratio Lower Upper
112 100
64 64.3 46.0 69.0
63 32.6 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: 111.435 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF096557.D

Acq: 7 Jul 2017 14:20

Instrument :

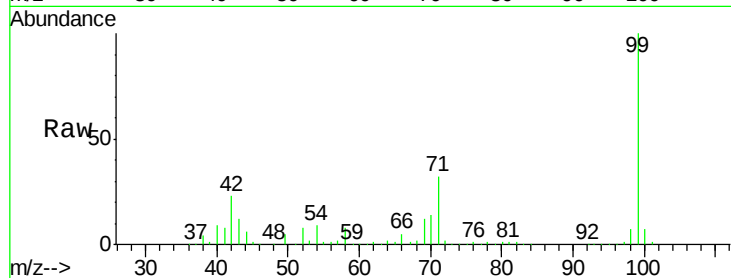
BNA_F

ClientSampleId :

PET-BF002-01

Tgt Ion: 99 Resp: 1126344

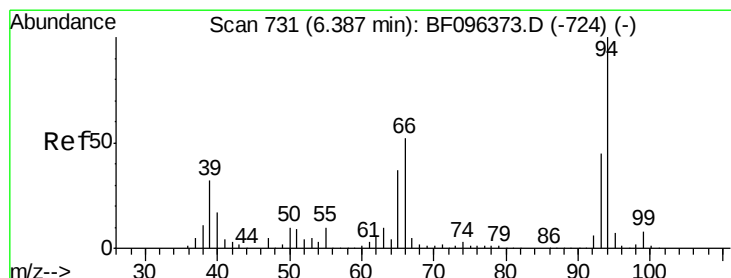
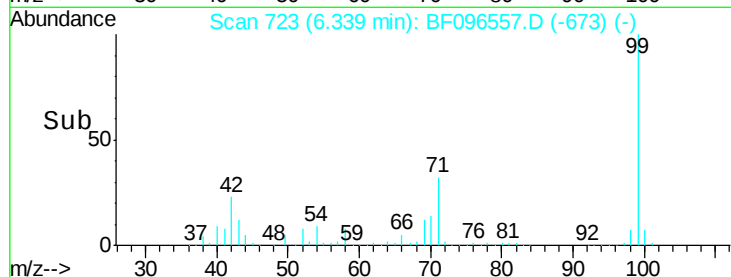
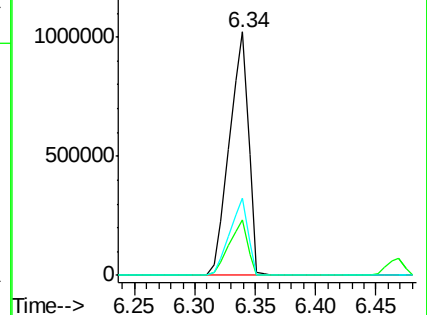
Ion	Ratio	Lower	Upper
99	100		
42	22.5	13.5	20.3#
71	31.9	24.5	36.7



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



#10

Phenol

Concen: 3.156 ng

RT: 6.35 min Scan# 725

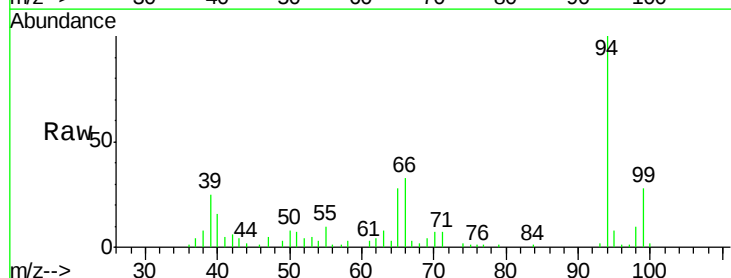
Delta R.T. -0.01 min

Lab File: BF096557.D

Acq: 7 Jul 2017 14:20

Tgt Ion: 94 Resp: 36341

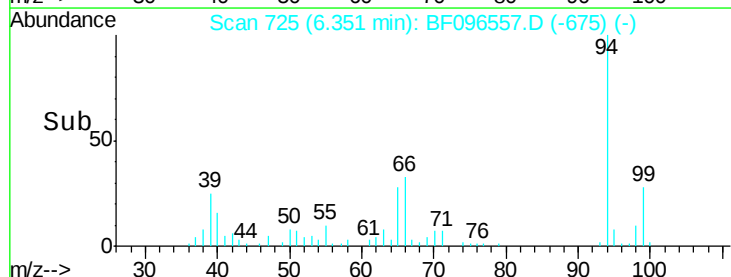
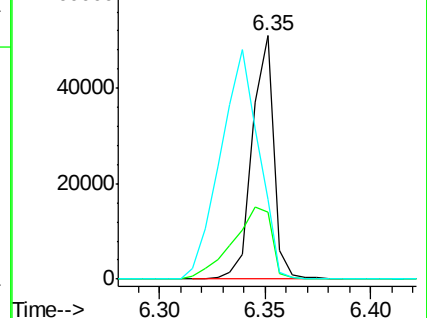
Ion	Ratio	Lower	Upper
94	100		
65	27.6	9.9	49.9
66	32.7	23.1	63.1

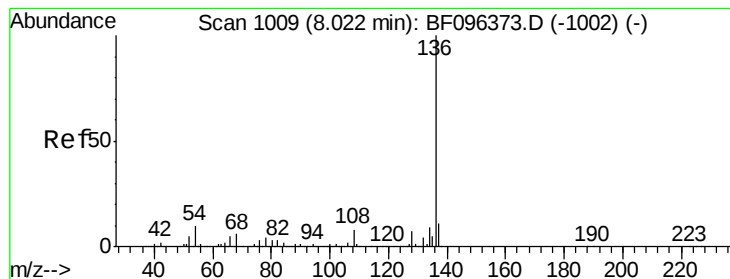


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF096557.D

Acq: 7 Jul 2017 14:20

Instrument :

BNA_F

ClientSampleId :

PET-BF002-01

Tgt Ion: 136 Resp: 507926

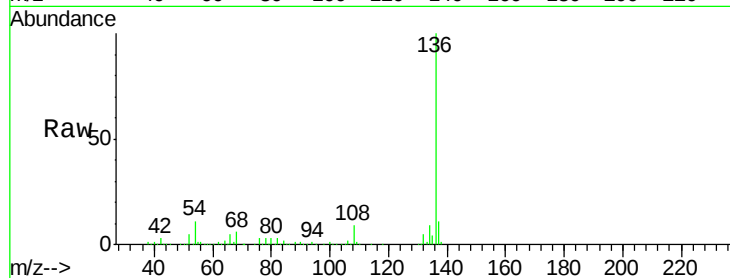
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 10.8 4.9 7.3#

68 5.5 4.1 6.1

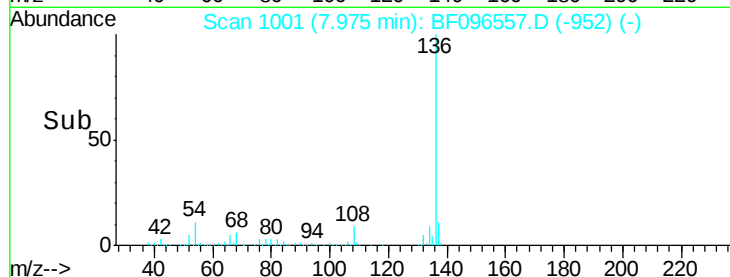


Abundance Ion 136.00 (135.70 to 136.70): E

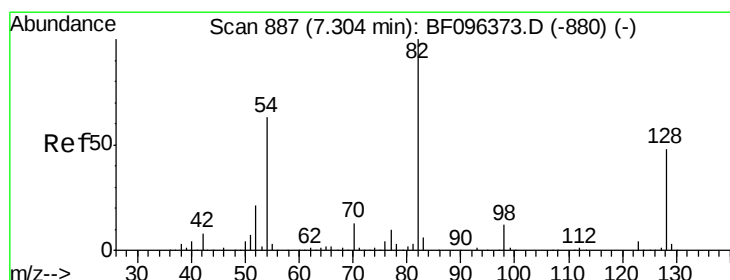
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 79.175 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF096557.D

Acq: 7 Jul 2017 14:20

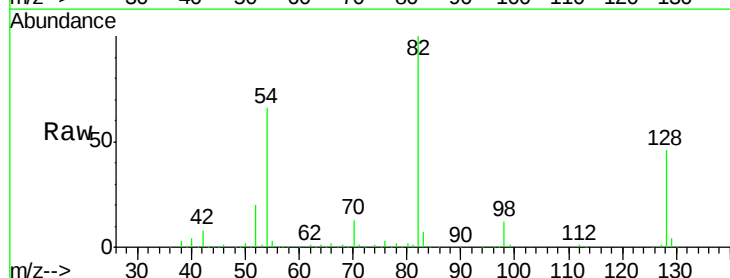
Tgt Ion: 82 Resp: 669237

Ion Ratio Lower Upper

82 100

128 46.4 34.0 51.0

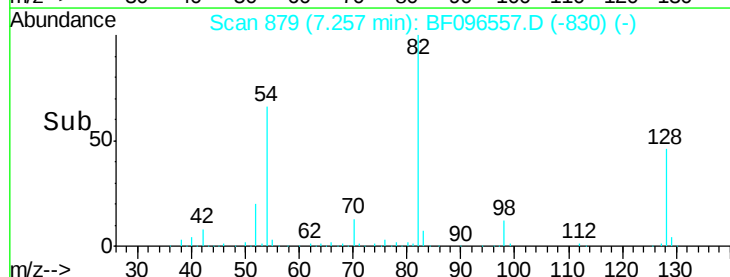
54 66.3 42.2 63.2#



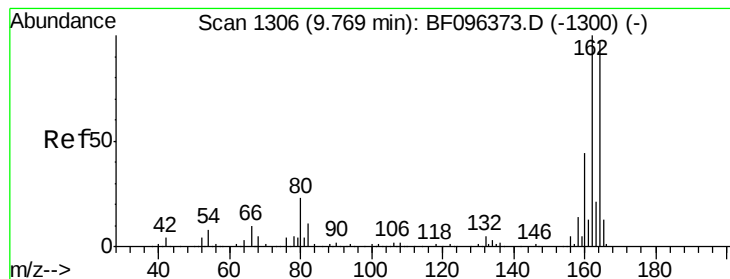
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF096557.D

Acq: 7 Jul 2017 14:20

Instrument :

BNA_F

ClientSampleId :

PET-BF002-01

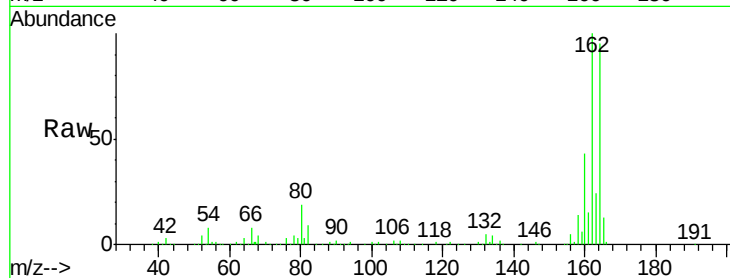
Tgt Ion:164 Resp: 211929

Ion Ratio Lower Upper

164 100

162 105.6 82.6 123.8

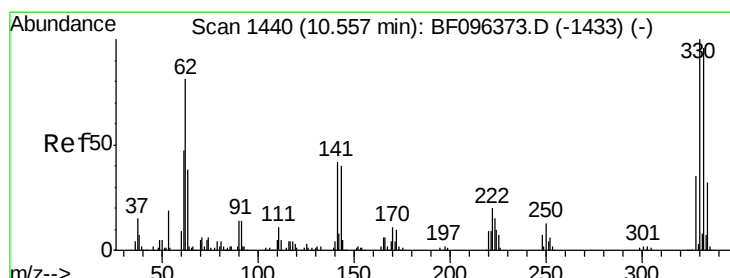
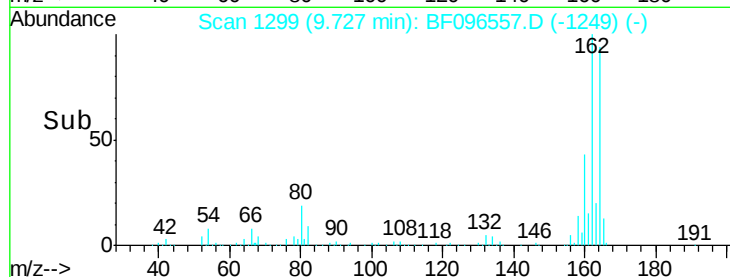
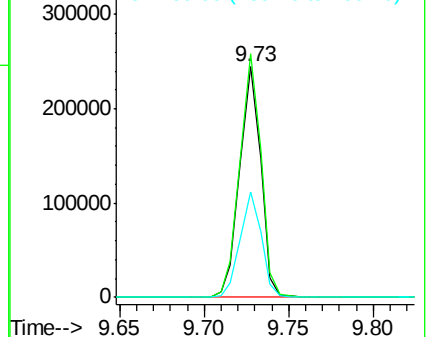
160 45.5 36.2 54.2



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: 133.439 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF096557.D

Acq: 7 Jul 2017 14:20

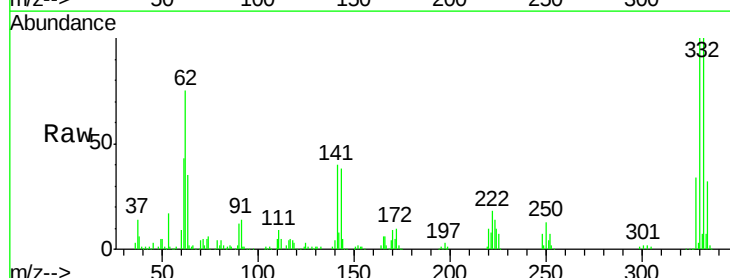
Tgt Ion:330 Resp: 220898

Ion Ratio Lower Upper

330 100

332 97.6 76.6 115.0

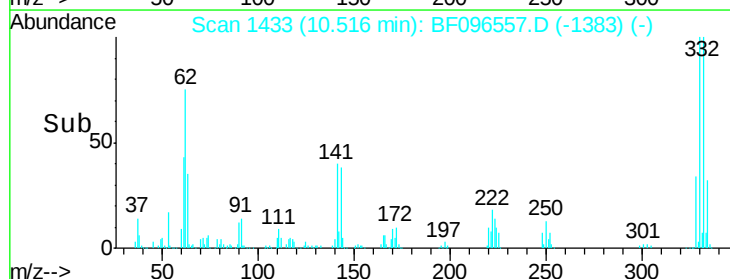
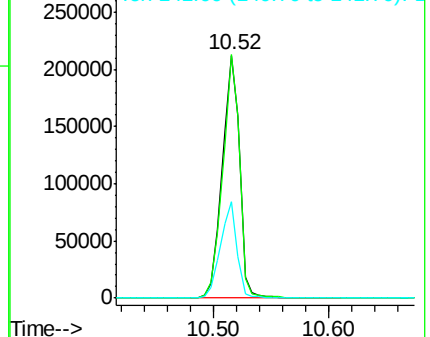
141 37.9 31.4 47.2

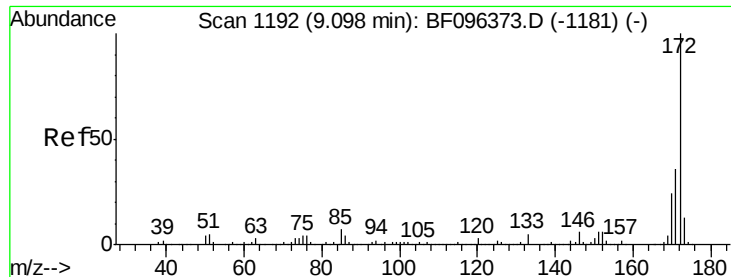


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

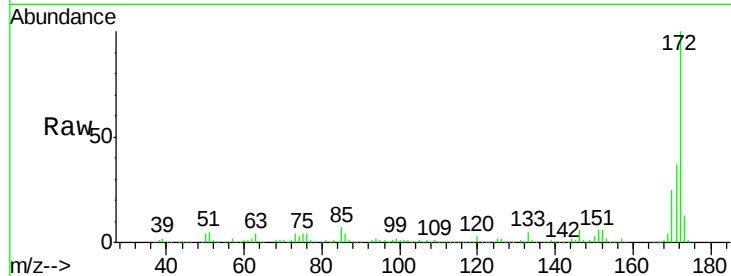




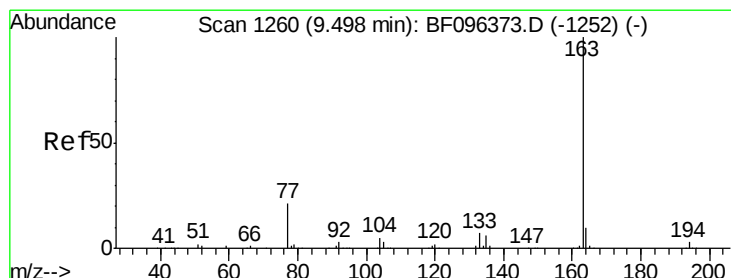
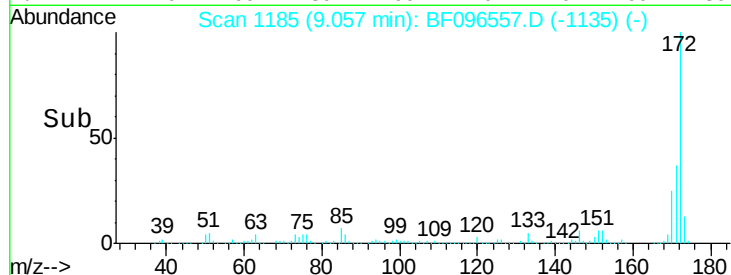
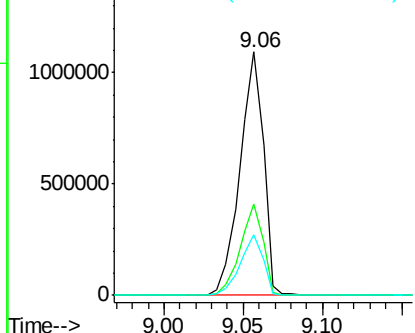
#44
 2-Fluorobiphenyl
 Concen: 90.184 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF096557.D
 Acq: 7 Jul 2017 14:20

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF002-01

Tgt Ion:172 Resp: 1117846
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.6 44.4
 170 24.9 19.8 29.8

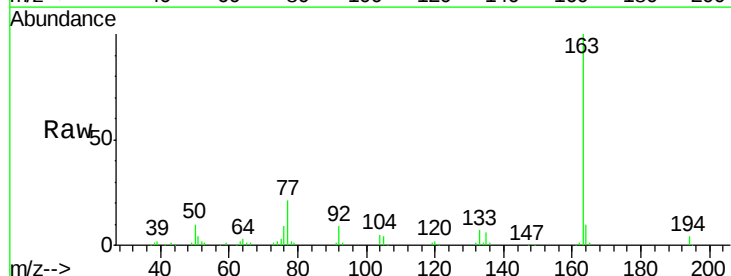


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

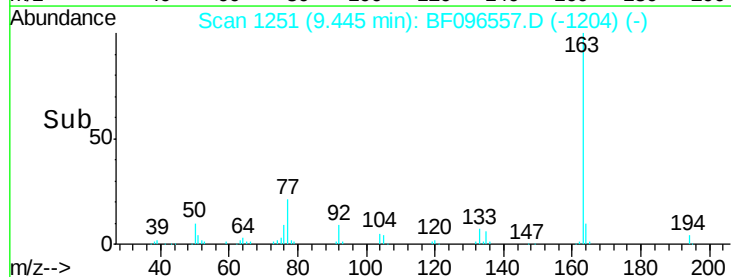
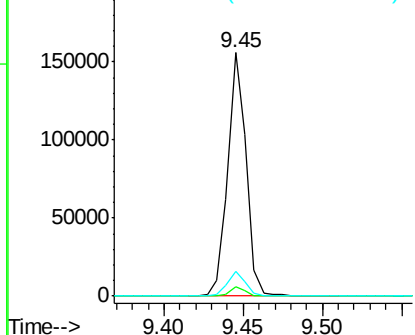


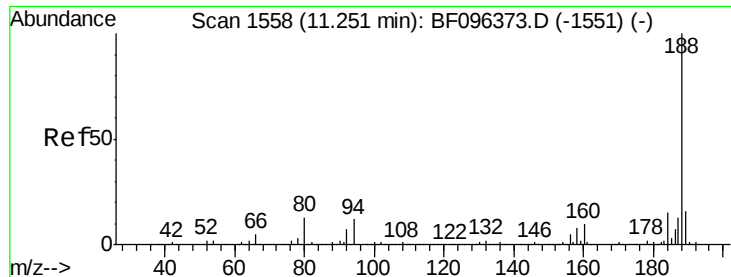
#49
 Dimethylphthalate
 Concen: 7.893 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.02 min
 Lab File: BF096557.D
 Acq: 7 Jul 2017 14:20

Tgt Ion:163 Resp: 124865
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.6 4.0
 164 10.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

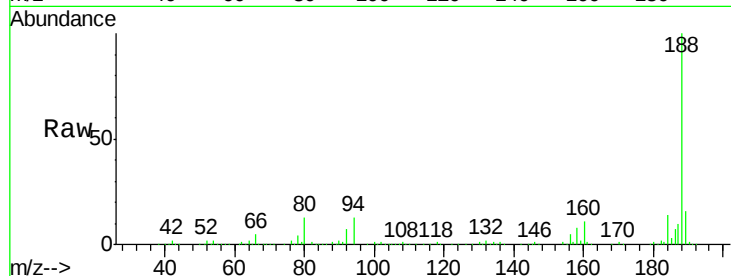




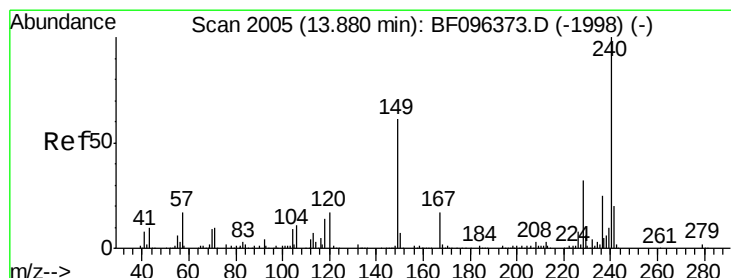
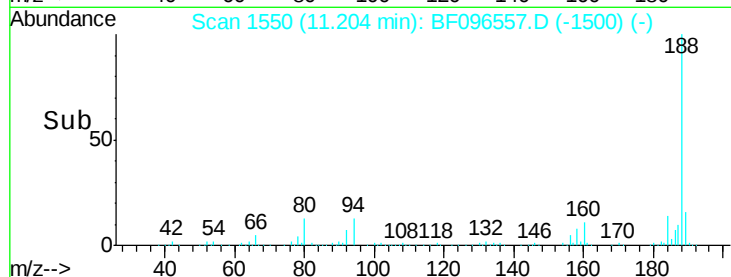
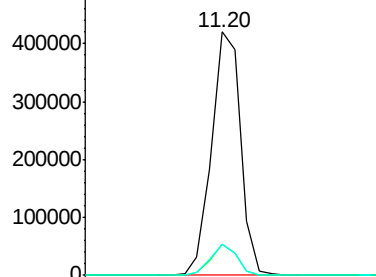
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF096557.D
Acq: 7 Jul 2017 14:20

Instrument :
BNA_F
ClientSampleId :
PET-BF002-01

Tgt Ion:188 Resp: 399917
Ion Ratio Lower Upper
188 100
94 12.7 9.4 14.2
80 12.9 10.2 15.2

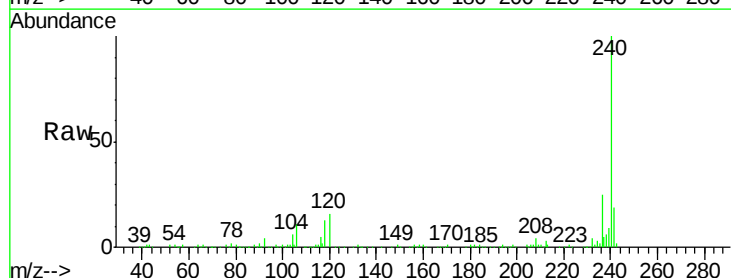


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

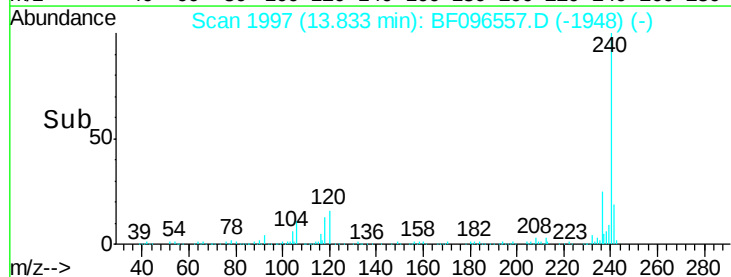
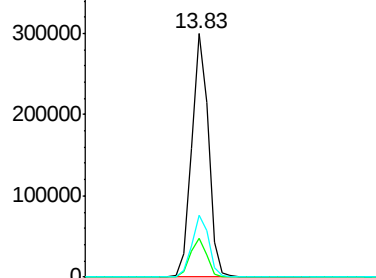


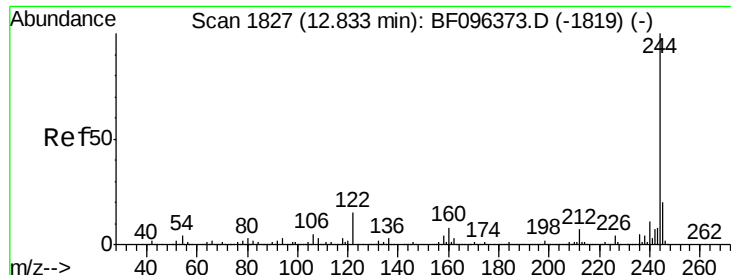
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF096557.D
Acq: 7 Jul 2017 14:20

Tgt Ion:240 Resp: 267899
Ion Ratio Lower Upper
240 100
120 16.1 5.8 8.8#
236 25.3 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

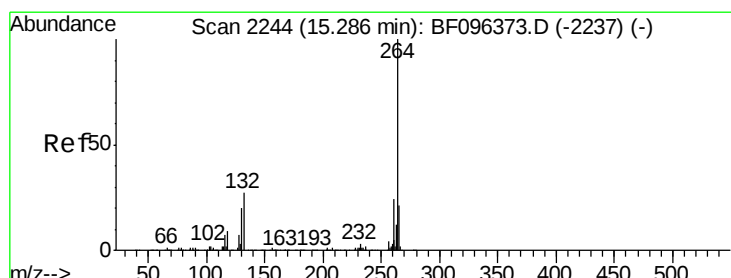
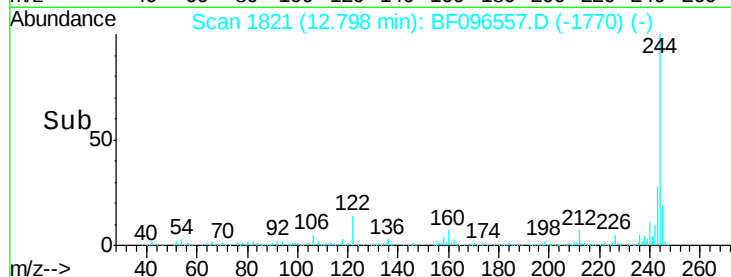
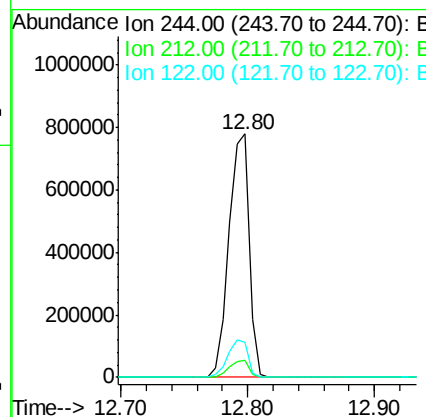
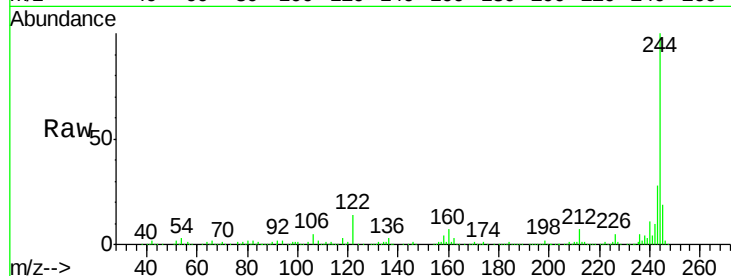




#78
 Terphenyl-d14
 Concen: 68.832 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BF096557.D
 Acq: 7 Jul 2017 14:20

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF002-01

Tgt Ion:244 Resp: 862960
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 14.2 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BF096557.D
 Acq: 7 Jul 2017 14:20

Tgt Ion:264 Resp: 189504
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.0 17.2 25.8

