

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070717\
 Data File : BF096559.D
 Acq On : 7 Jul 2017 15:15
 Operator : SJ/MA
 Sample : I4064-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF004-01

Quant Time: Jul 07 15:52:04 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

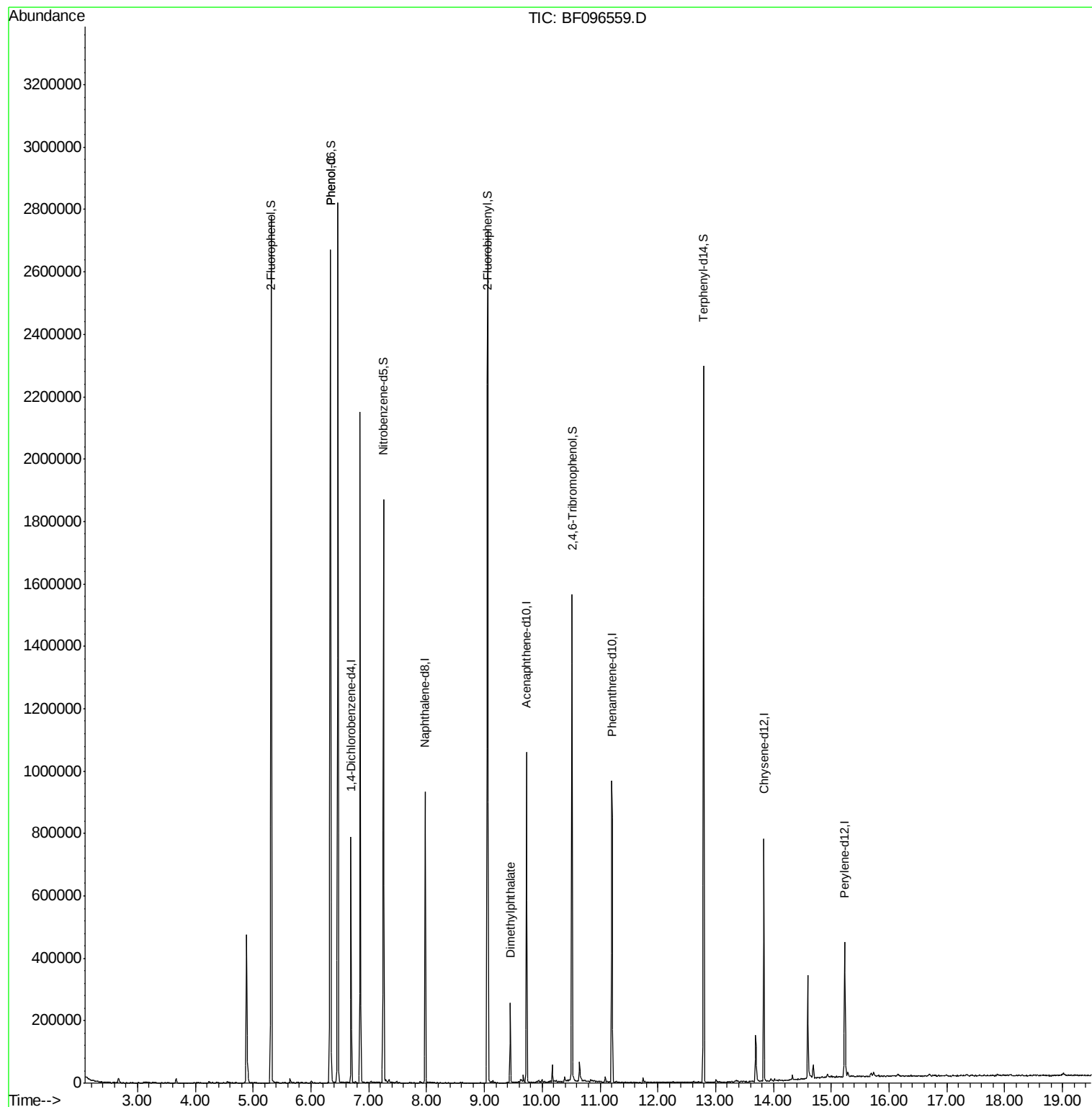
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	115971	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	440652	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	196369	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	350198	20.00	ng	0.00
75) Chrysene-d12	13.83	240	235901	20.00	ng	-0.01
86) Perylene-d12	15.23	264	180768	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	798508	101.63	ng	0.00
7) Phenol-d6	6.34	99	992488	102.75	ng	0.00
23) Nitrobenzene-d5	7.26	82	585770	79.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	187421	122.19	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	908014	79.06	ng	0.00
78) Terphenyl-d14	12.79	244	725082	65.68	ng	0.00
Target Compounds						
10) Phenol	6.35	94	34525	3.137	ng	97
49) Dimethylphthalate	9.45	163	99041	6.756	ng	100

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

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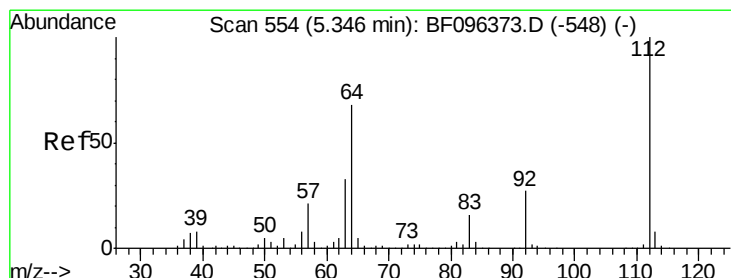
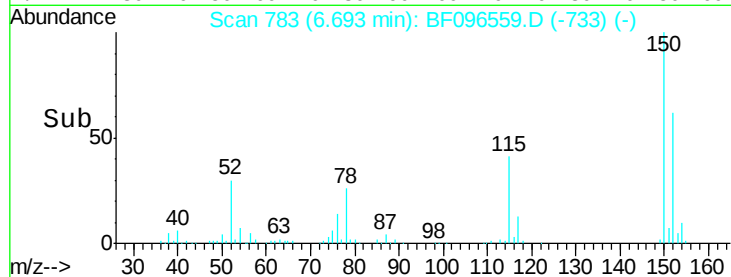
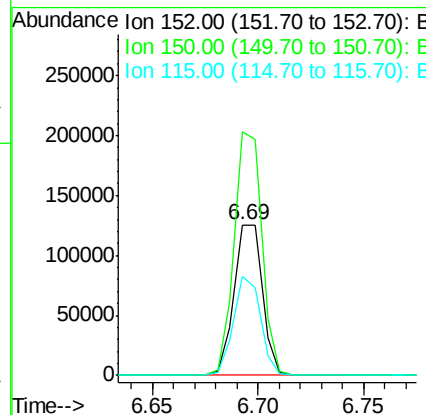
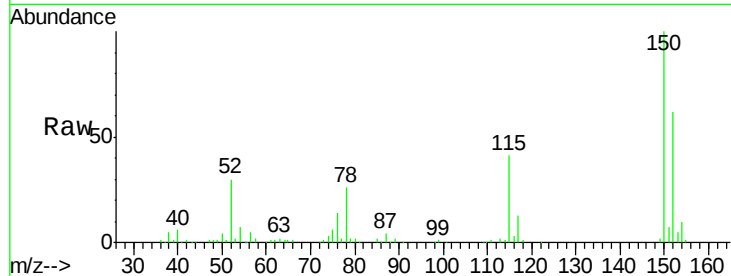


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF096559.D
Acq: 7 Jul 2017 15:15

Instrument :
BNA_F
ClientSampleId :
PET-BF004-01

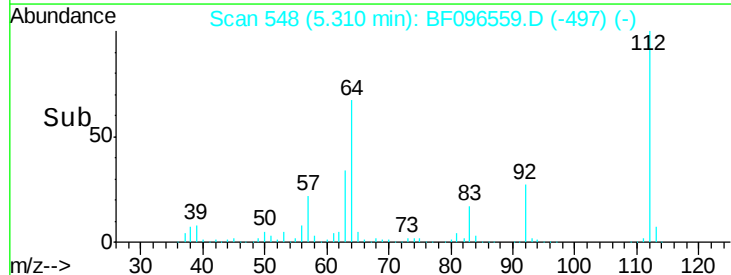
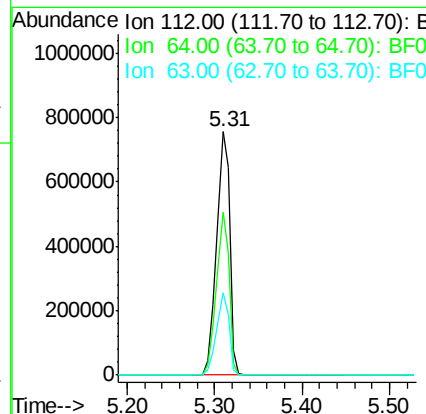
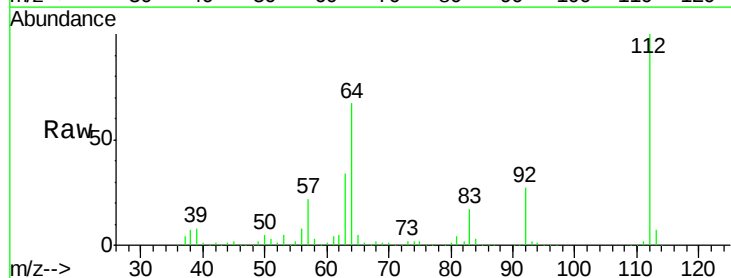
Tgt Ion:152 Resp: 115971
Ion Ratio Lower Upper
152 100
150 161.8 126.2 189.2
115 66.1 52.2 78.2



#5

2-Fluorophenol
Concen: 101.627 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF096559.D
Acq: 7 Jul 2017 15:15

Tgt Ion:112 Resp: 798508
Ion Ratio Lower Upper
112 100
64 66.9 46.0 69.0
63 33.8 23.4 35.0





#7

Phenol-d6

Concen: 102.748 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF096559.D

Acq: 7 Jul 2017 15:15

Instrument :

BNA_F

ClientSampleId :

PET-BF004-01

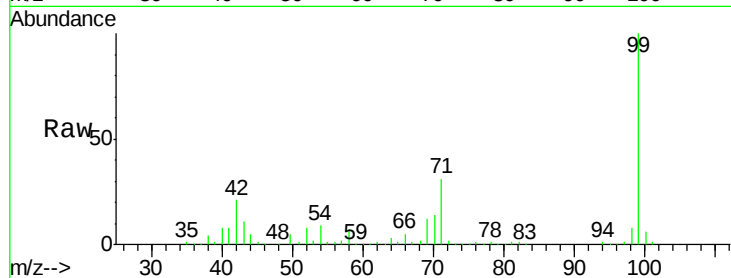
Tgt Ion: 99 Resp: 992488

Ion Ratio Lower Upper

99 100

42 21.5 13.5 20.3#

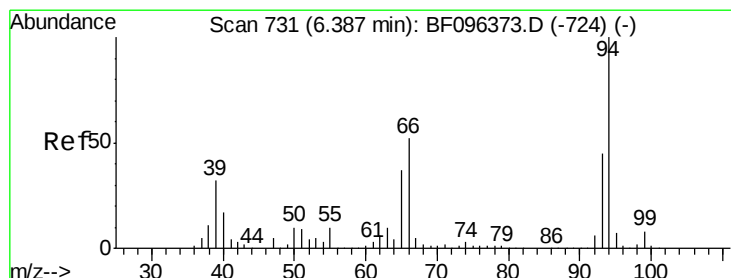
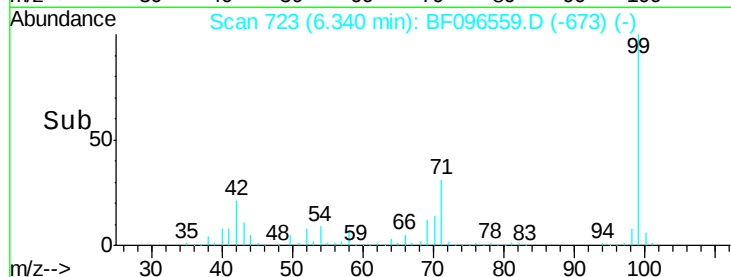
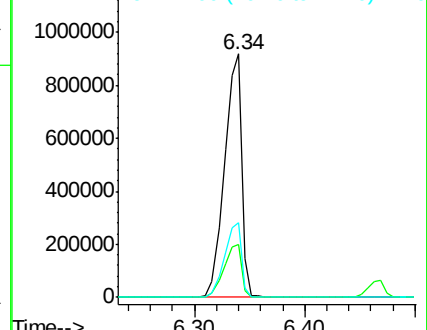
71 30.6 24.5 36.7



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: 3.137 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF096559.D

Acq: 7 Jul 2017 15:15

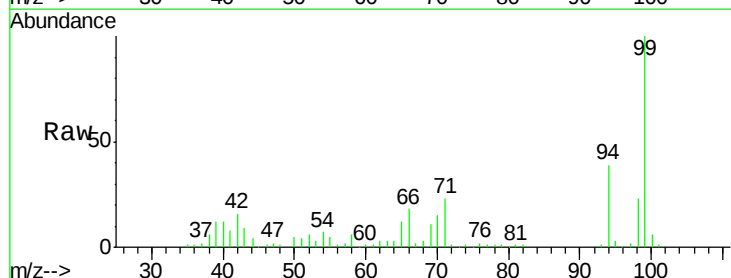
Tgt Ion: 94 Resp: 34525

Ion Ratio Lower Upper

94 100

65 30.3 9.9 49.9

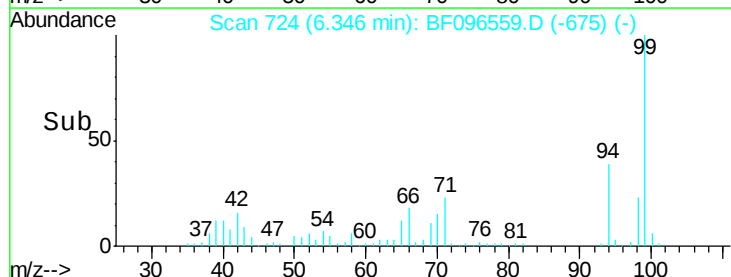
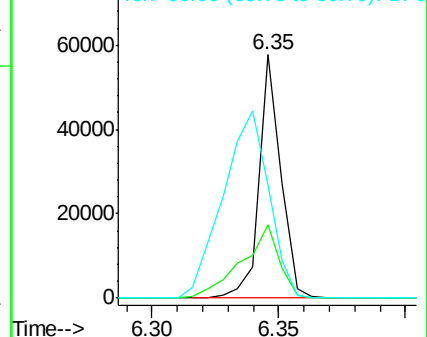
66 46.3 23.1 63.1



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

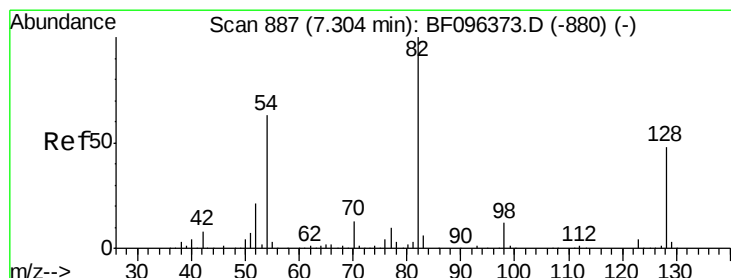
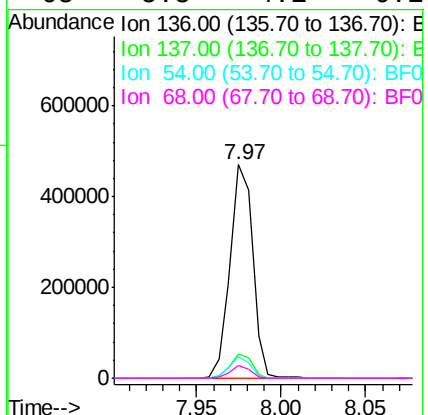
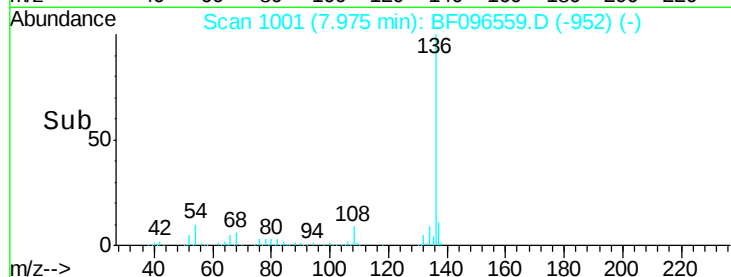
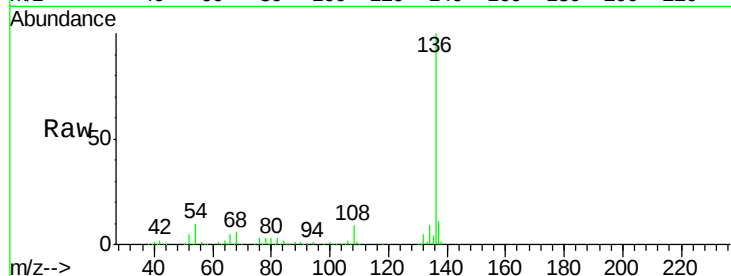




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF096559.D
Acq: 7 Jul 2017 15:15

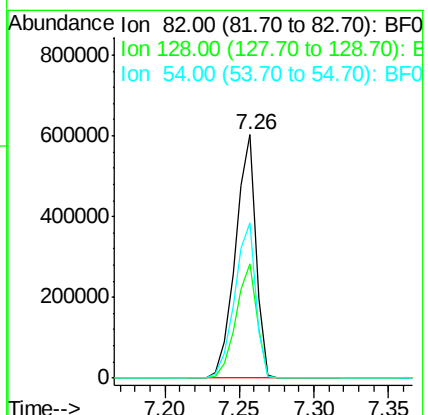
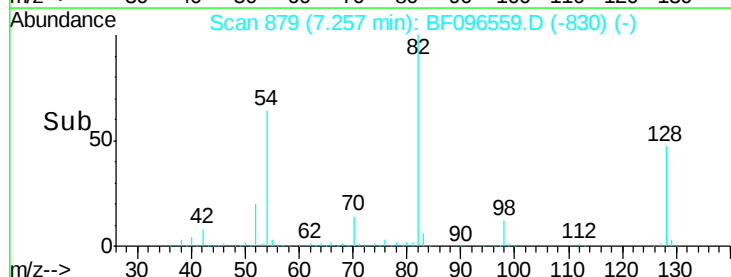
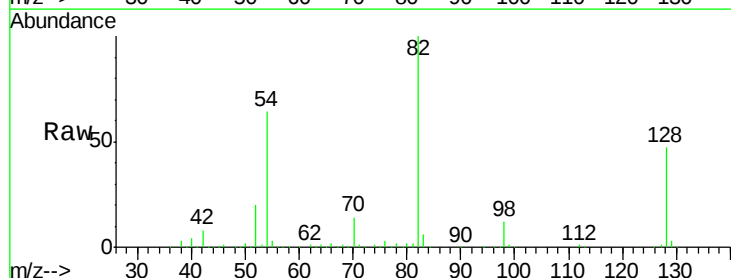
Instrument :
BNA_F
ClientSampleId :
PET-BF004-01

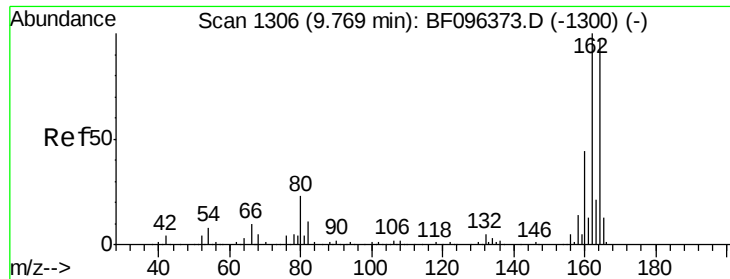
Tgt Ion:	136	Resp:	440652
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	10.1	4.9	7.3#
68	5.8	4.1	6.1



#23
Nitrobenzene-d5
Concen: 79.880 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF096559.D
Acq: 7 Jul 2017 15:15

Tgt Ion:	82	Resp:	585770
Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.0	51.0
54	64.0	42.2	63.2#

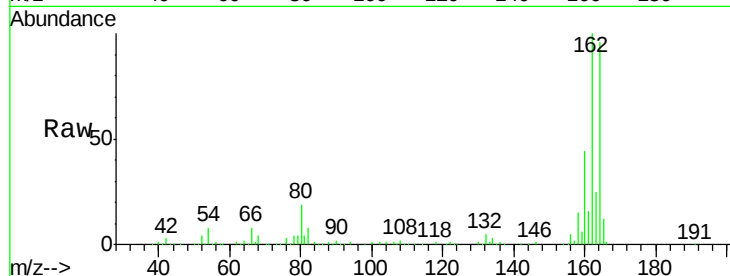




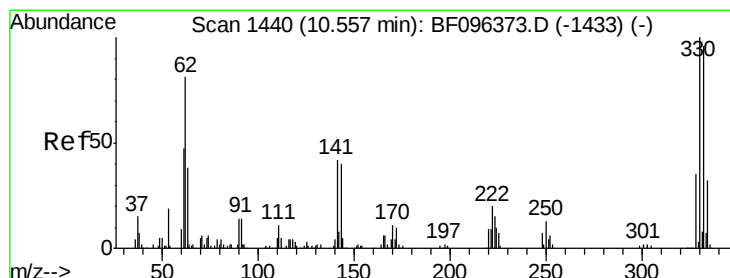
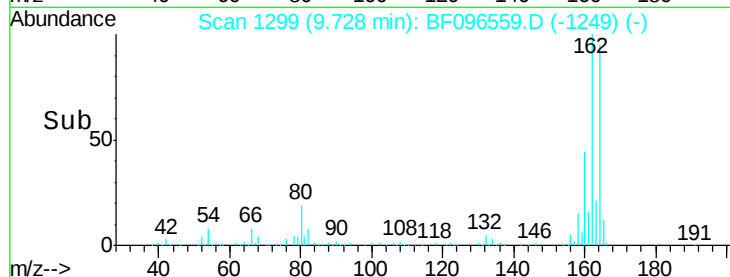
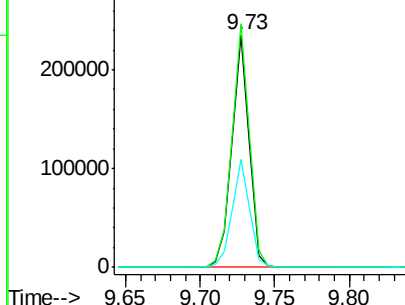
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF096559.D
 Acq: 7 Jul 2017 15:15

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF004-01

Tgt Ion:164 Resp: 196369
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.6 123.8
 160 46.2 36.2 54.2

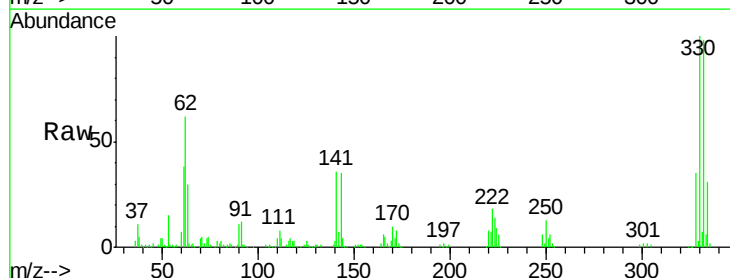


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

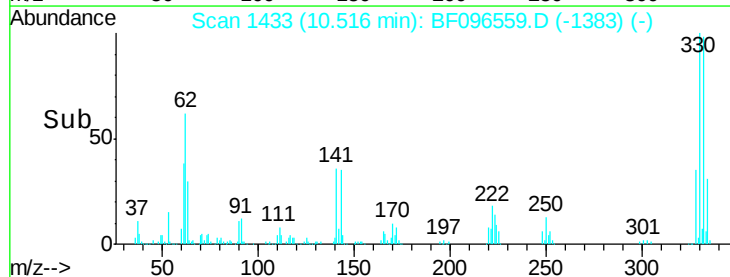
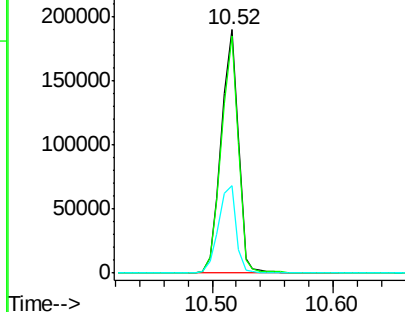


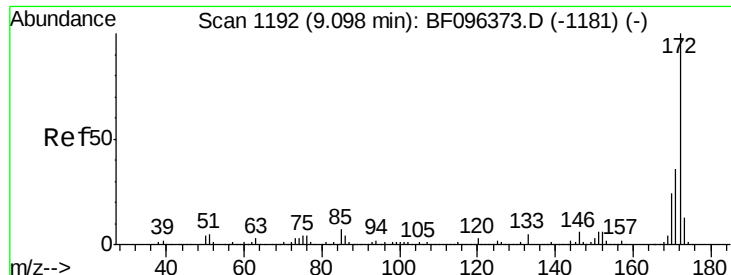
#41
 2,4,6-Tribromophenol
 Concen: 122.187 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF096559.D
 Acq: 7 Jul 2017 15:15

Tgt Ion:330 Resp: 187421
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 36.7 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

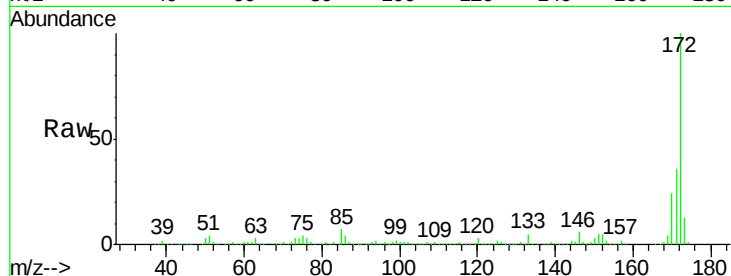




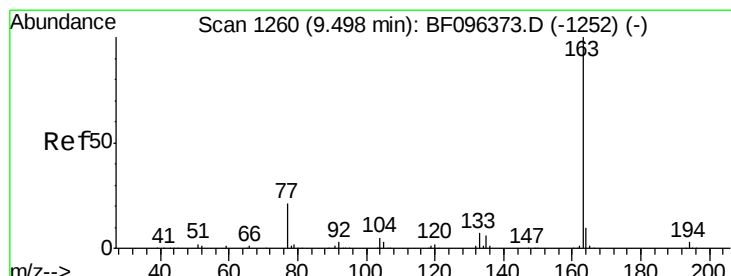
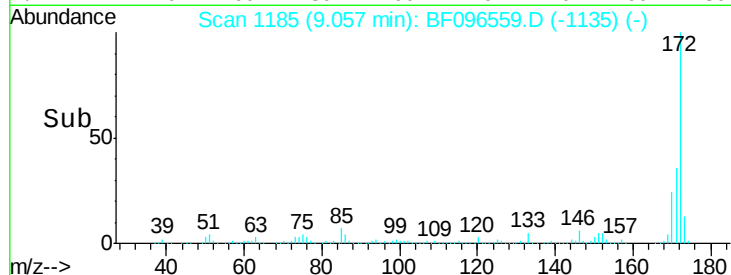
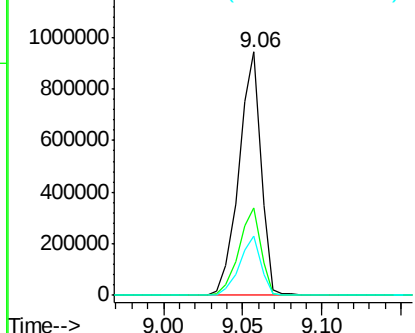
#44
 2-Fluorobiphenyl
 Concen: 79.060 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF096559.D
 Acq: 7 Jul 2017 15:15

Instrument :
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 PET-BF004-01

Tgt Ion:172 Resp: 908014
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 24.2 19.8 29.8

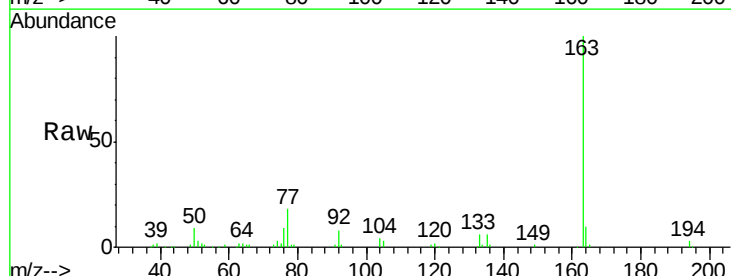


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

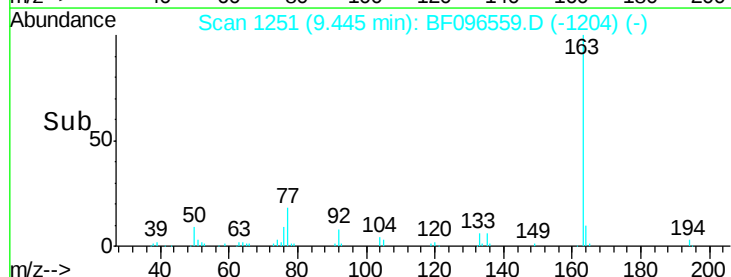
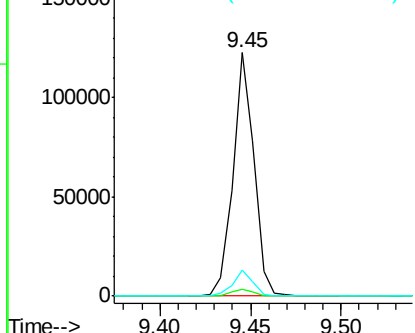


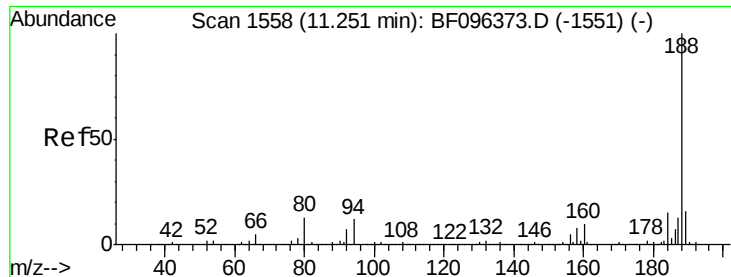
#49
 Dimethylphthalate
 Concen: 6.756 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.02 min
 Lab File: BF096559.D
 Acq: 7 Jul 2017 15:15

Tgt Ion:163 Resp: 99041
 Ion Ratio Lower Upper
 163 100
 194 2.9 2.6 4.0
 164 10.5 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

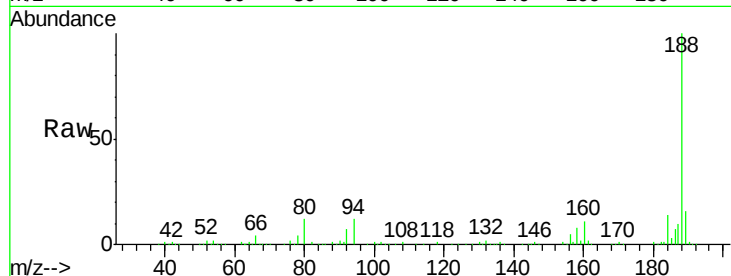




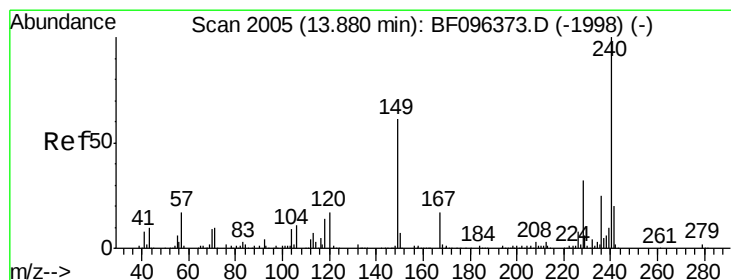
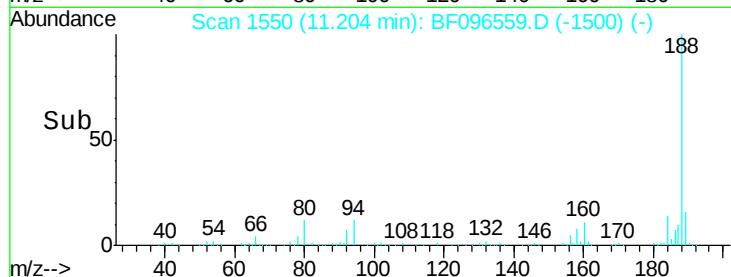
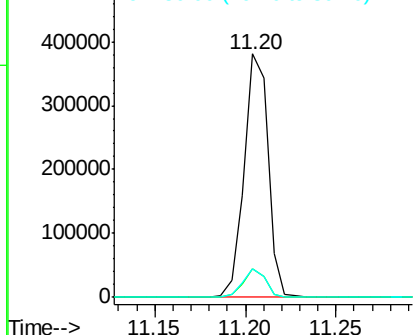
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF096559.D
Acq: 7 Jul 2017 15:15

Instrument :
BNA_F
ClientSampleId :
PET-BF004-01

Tgt Ion:188 Resp: 350198
Ion Ratio Lower Upper
188 100
94 11.9 9.4 14.2
80 11.6 10.2 15.2

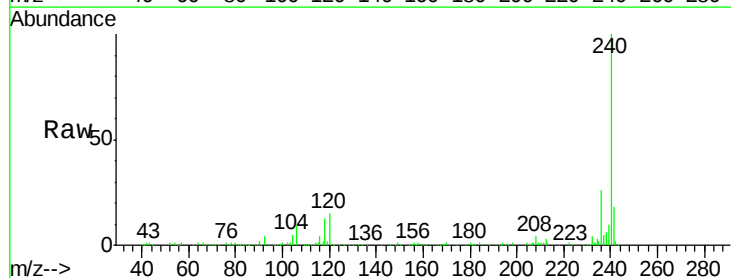


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

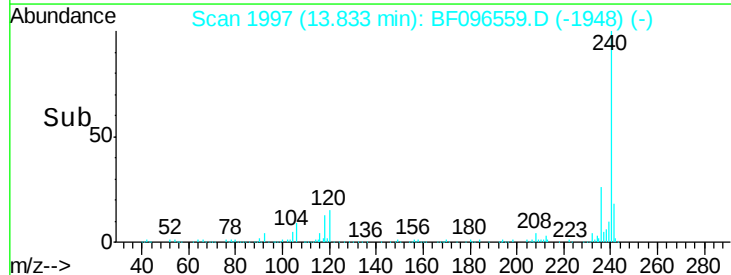
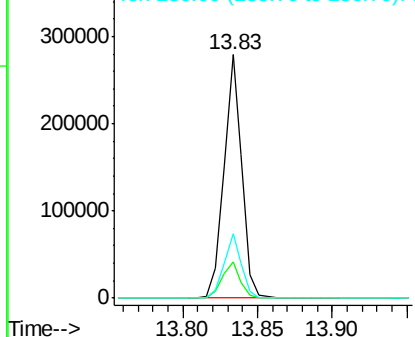


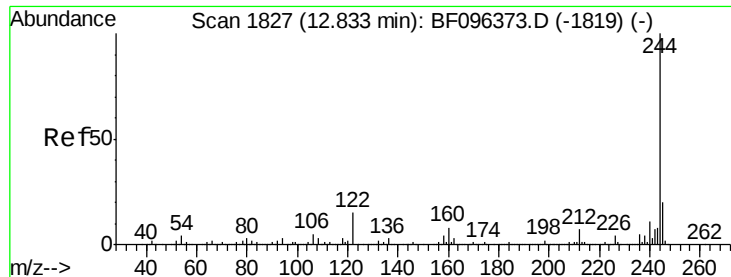
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF096559.D
Acq: 7 Jul 2017 15:15

Tgt Ion:240 Resp: 235901
Ion Ratio Lower Upper
240 100
120 15.0 5.8 8.8#
236 26.5 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

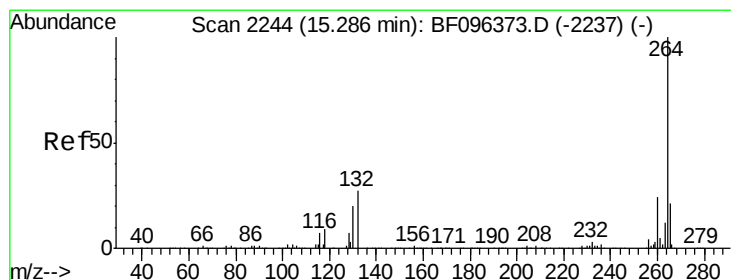
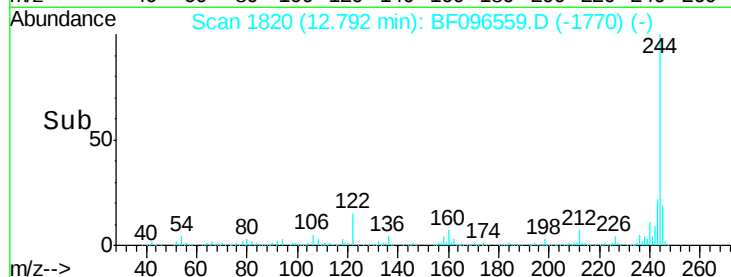
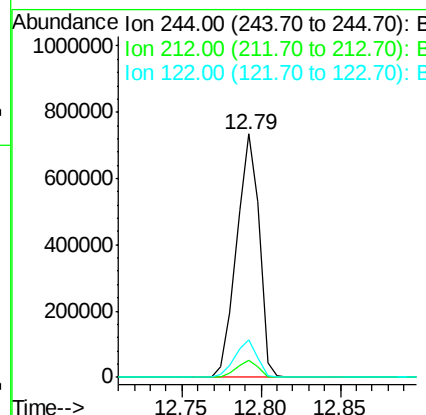
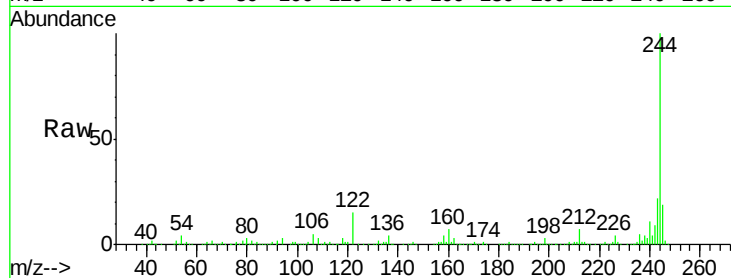




#78
 Terphenyl-d14
 Concen: 65.679 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF096559.D
 Acq: 7 Jul 2017 15:15

Instrument :
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 PET-BF004-01

Tgt Ion: 244 Resp: 725082
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 15.3 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: BF096559.D
 Acq: 7 Jul 2017 15:15

Tgt Ion: 264 Resp: 180768
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 20.8 17.2 25.8

