

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070717\
 Data File : BF096558.D
 Acq On : 7 Jul 2017 14:47
 Operator : SJ/MA
 Sample : I4064-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF003-01

Quant Time: Jul 07 15:49:22 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

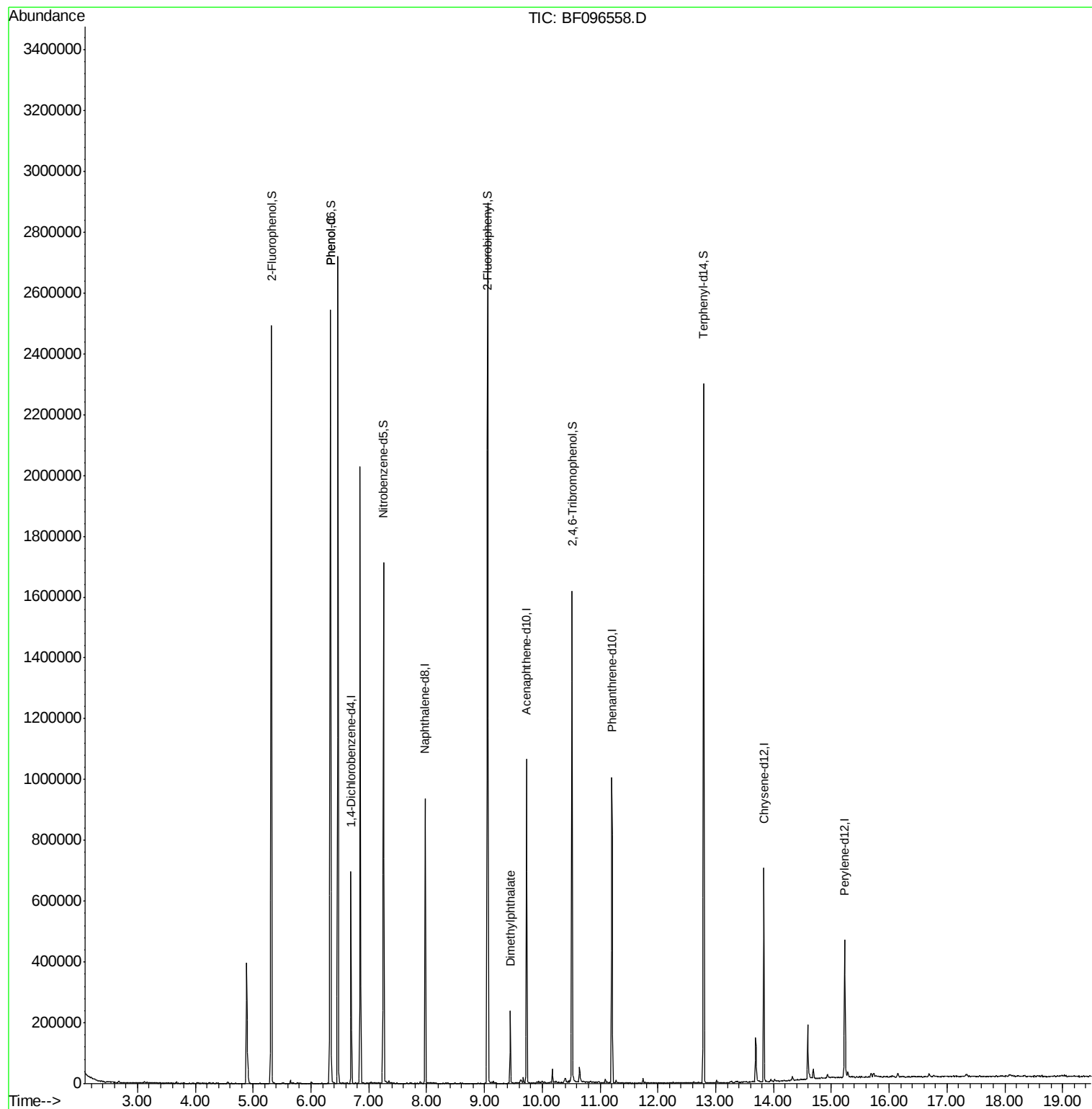
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	106167	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	448440	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	205828	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	353332	20.00	ng	0.00
75) Chrysene-d12	13.83	240	225257	20.00	ng	-0.01
86) Perylene-d12	15.23	264	181784	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	746102	103.73	ng	0.00
7) Phenol-d6	6.34	99	906876	102.55	ng	0.00
23) Nitrobenzene-d5	7.26	82	530988	71.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	187703	116.75	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	933110	77.51	ng	0.00
78) Terphenyl-d14	12.79	244	740968	70.29	ng	0.00
Target Compounds						
10) Phenol	6.35	94	27474	2.727	ng	88
49) Dimethylphthalate	9.45	163	88888	5.785	ng	99

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

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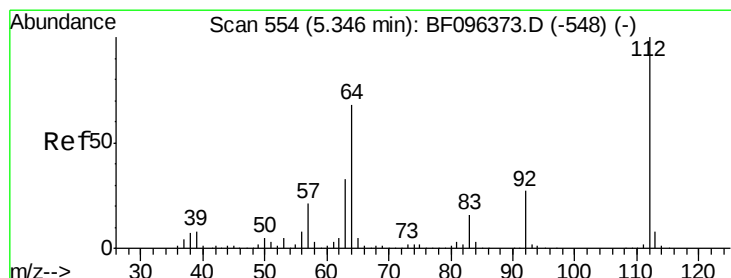
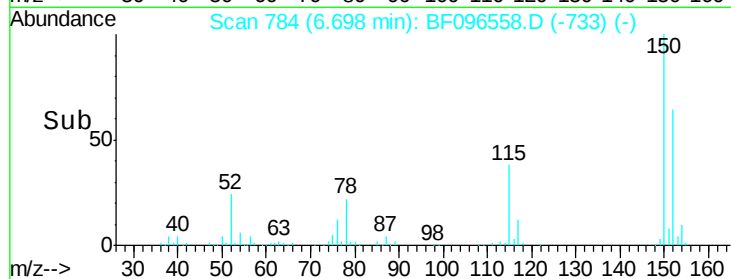
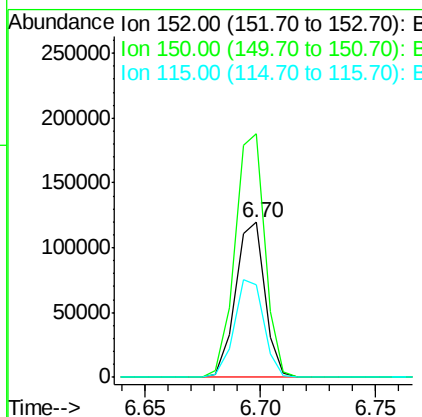
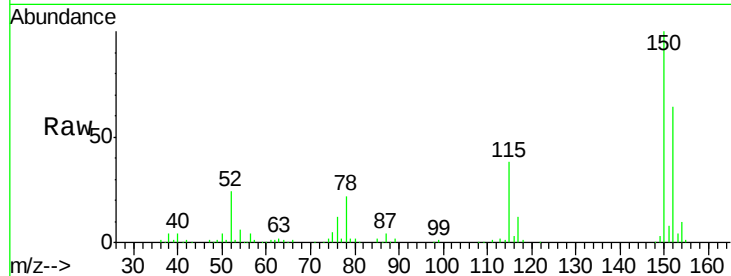




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF096558.D
 Acq: 7 Jul 2017 14:47

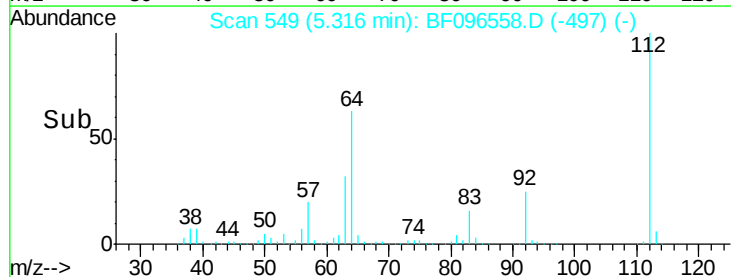
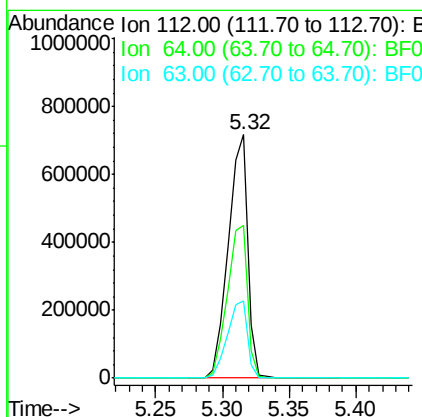
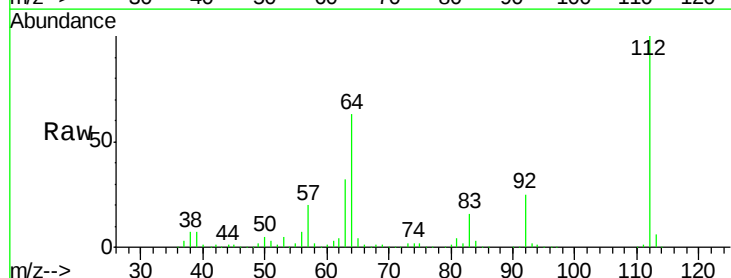
Instrument :
 BNA_F
 ClientSampleId :
 PET-BF003-01

Tgt Ion:152 Resp: 106167
 Ion Ratio Lower Upper
 152 100
 150 157.1 126.2 189.2
 115 60.0 52.2 78.2



#5
 2-Fluorophenol
 Concen: 103.726 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.01 min
 Lab File: BF096558.D
 Acq: 7 Jul 2017 14:47

Tgt Ion:112 Resp: 746102
 Ion Ratio Lower Upper
 112 100
 64 62.6 46.0 69.0
 63 31.6 23.4 35.0





#7

Phenol-d6

Concen: 102.554 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF096558.D

Acq: 7 Jul 2017 14:47

Instrument :

BNA_F

ClientSampleId :

PET-BF003-01

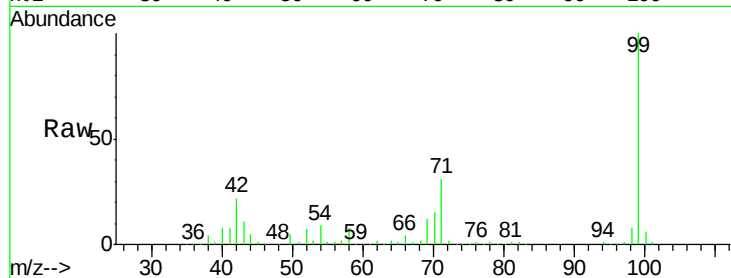
Tgt Ion: 99 Resp: 906876

Ion Ratio Lower Upper

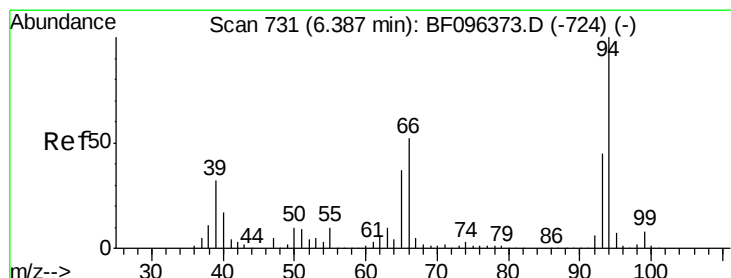
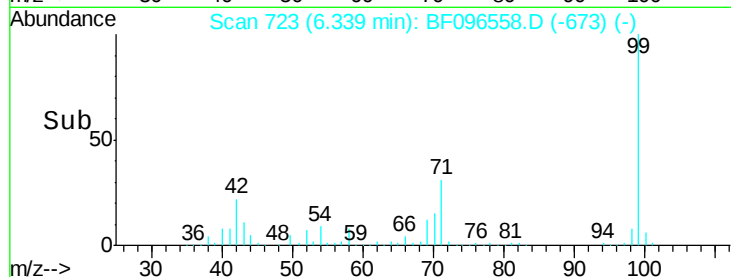
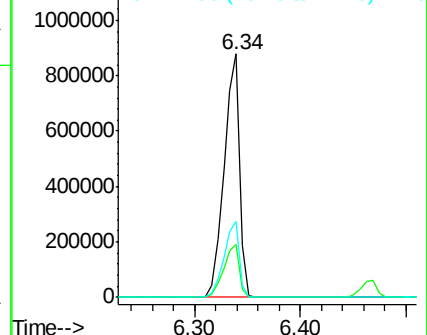
99 100

42 21.6 13.5 20.3#

71 31.1 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: 2.727 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF096558.D

Acq: 7 Jul 2017 14:47

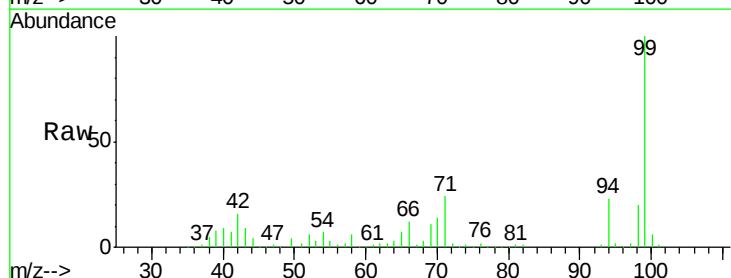
Tgt Ion: 94 Resp: 27474

Ion Ratio Lower Upper

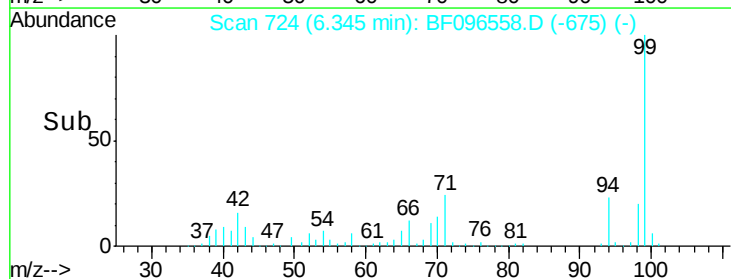
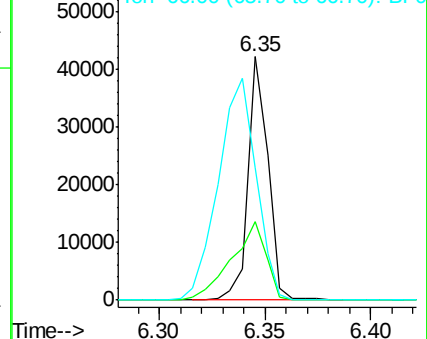
94 100

65 32.1 9.9 49.9

66 54.2 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

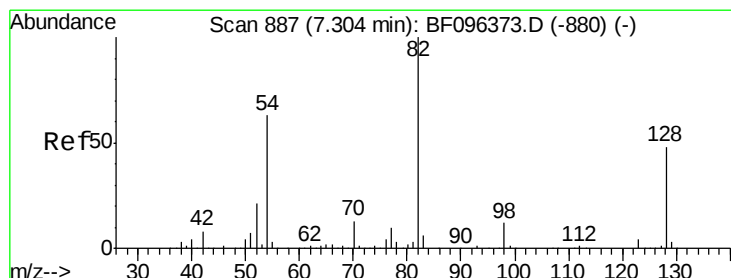
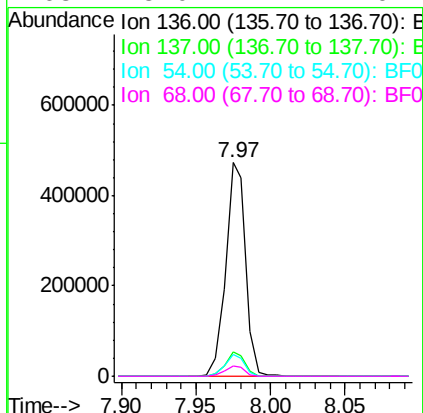
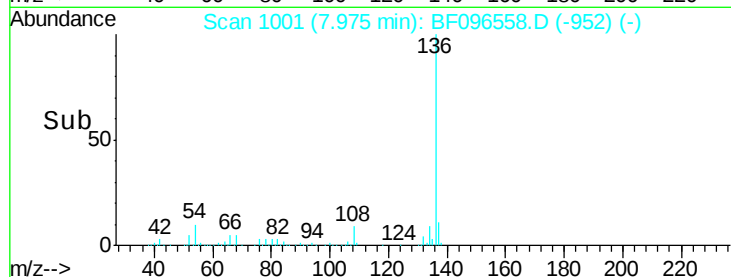
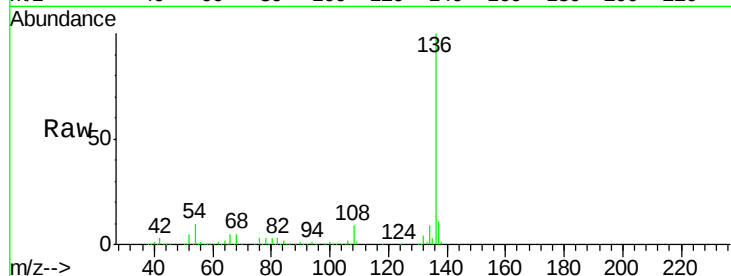




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF096558.D
Acq: 7 Jul 2017 14:47

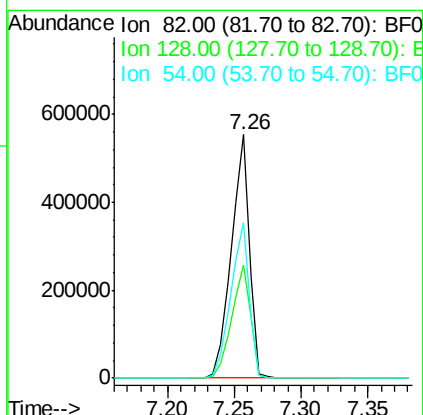
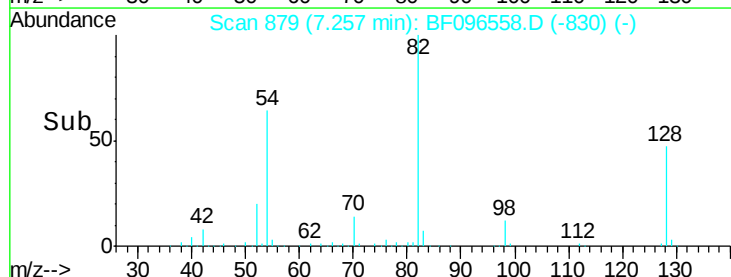
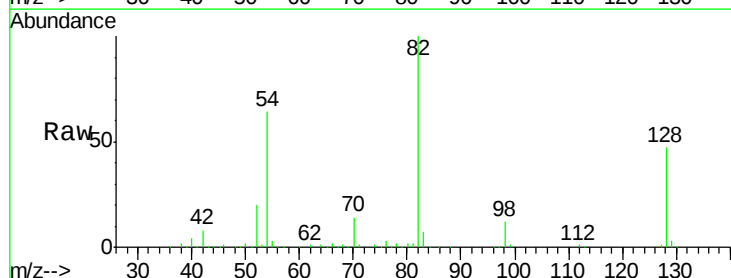
Instrument :
BNA_F
ClientSampleId :
PET-BF003-01

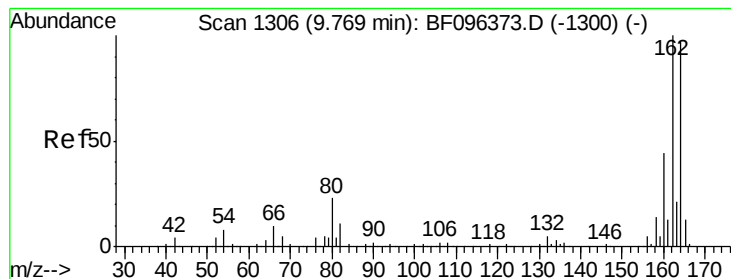
Tgt Ion:	136	Resp:	448440
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	10.1	4.9	7.3#
68	5.0	4.1	6.1



#23
Nitrobenzene-d5
Concen: 71.152 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF096558.D
Acq: 7 Jul 2017 14:47

Tgt Ion:	82	Resp:	530988
Ion	Ratio	Lower	Upper
82	100		
128	46.7	34.0	51.0
54	63.8	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: BF096558.D

Acq: 7 Jul 2017 14:47

Instrument :

BNA_F

ClientSampleId :

PET-BF003-01

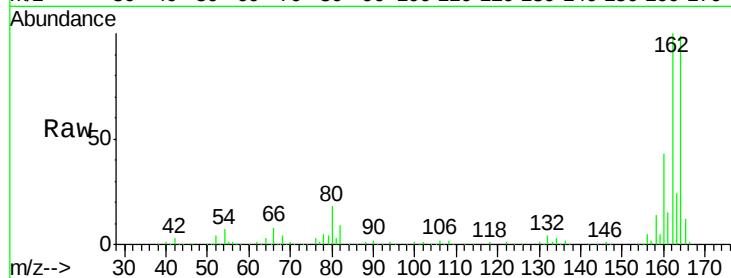
Tgt Ion:164 Resp: 205828

Ion Ratio Lower Upper

164 100

162 100.8 82.6 123.8

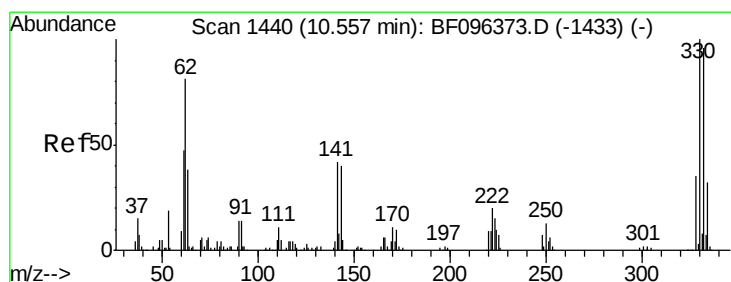
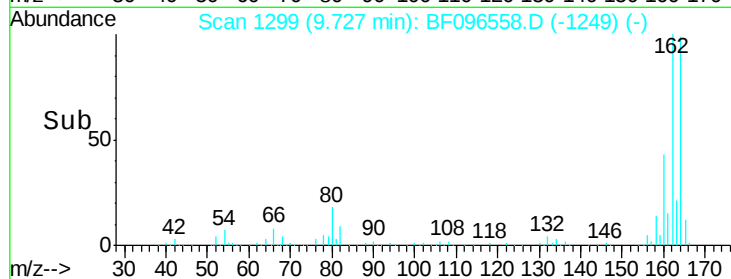
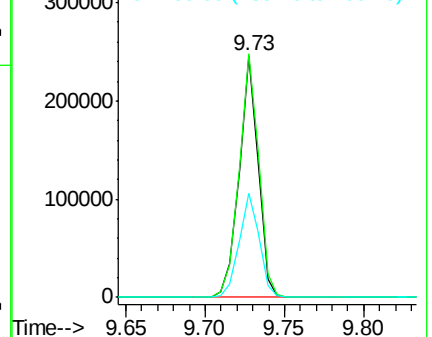
160 43.3 36.2 54.2



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: 116.747 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF096558.D

Acq: 7 Jul 2017 14:47

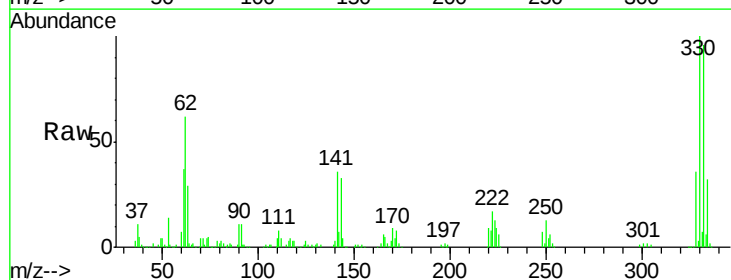
Tgt Ion:330 Resp: 187703

Ion Ratio Lower Upper

330 100

332 95.5 76.6 115.0

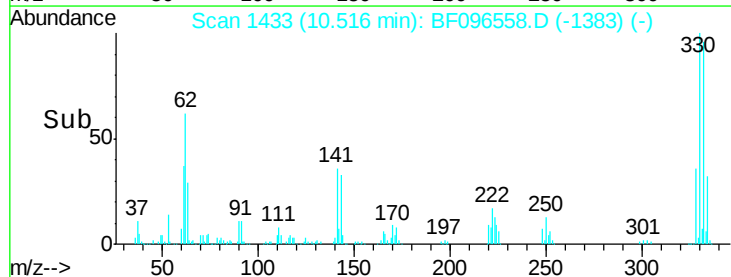
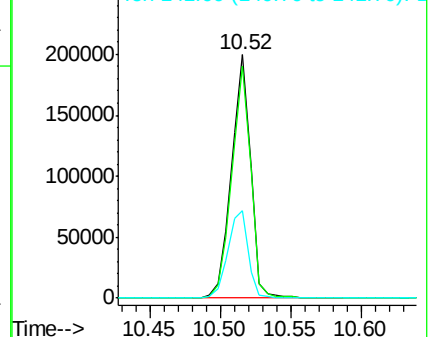
141 38.3 31.4 47.2

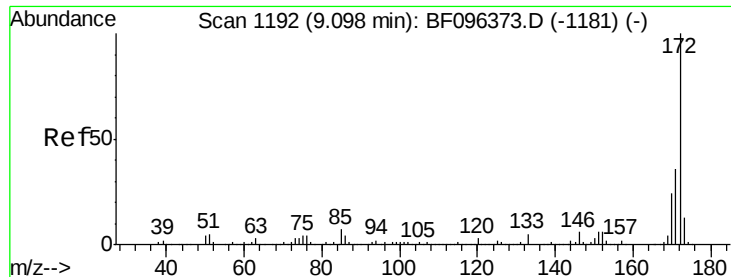


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

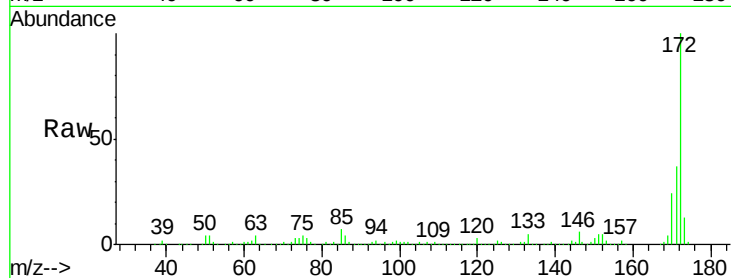




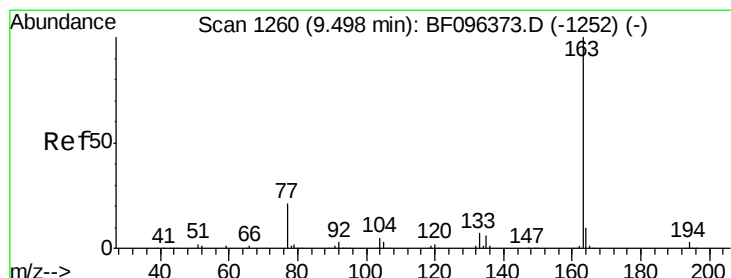
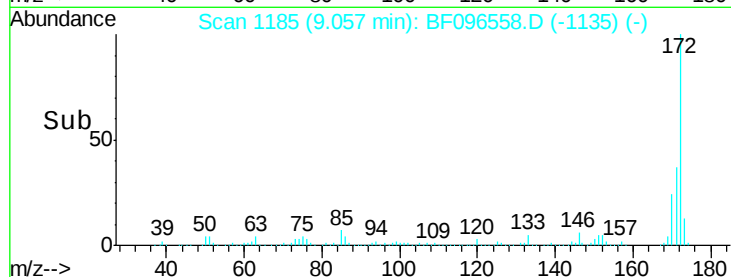
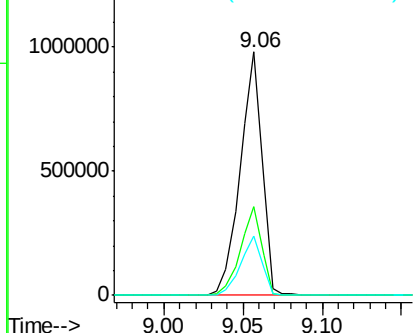
#44
 2-Fluorobiphenyl
 Concen: 77.512 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF096558.D
 Acq: 7 Jul 2017 14:47

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF003-01

Tgt Ion:172 Resp: 933110
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.2 19.8 29.8

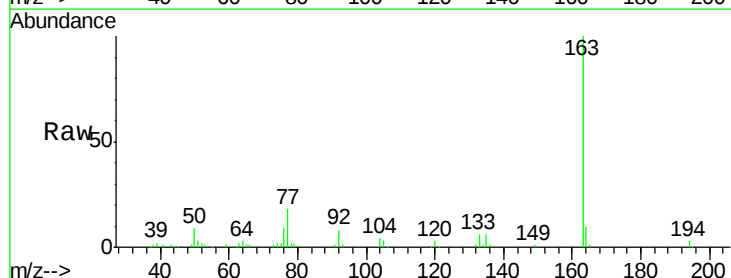


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

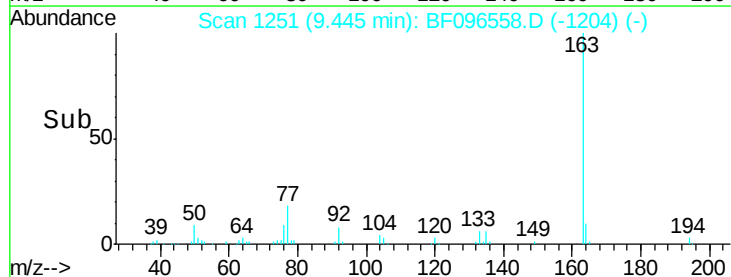
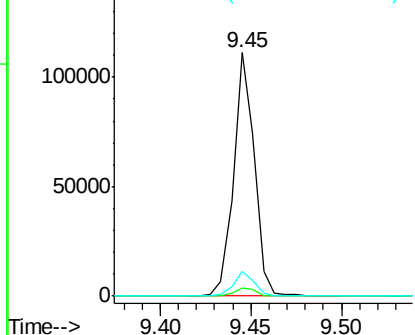


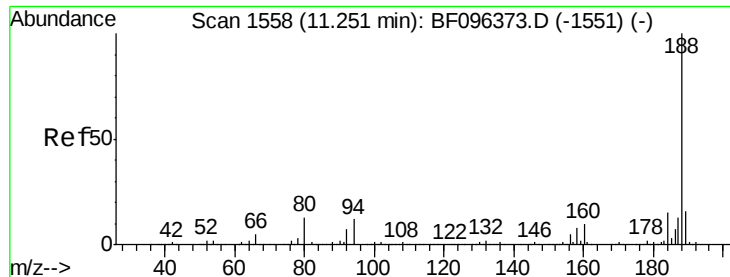
#49
 Dimethylphthalate
 Concen: 5.785 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.02 min
 Lab File: BF096558.D
 Acq: 7 Jul 2017 14:47

Tgt Ion:163 Resp: 88888
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.6 4.0
 164 10.2 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

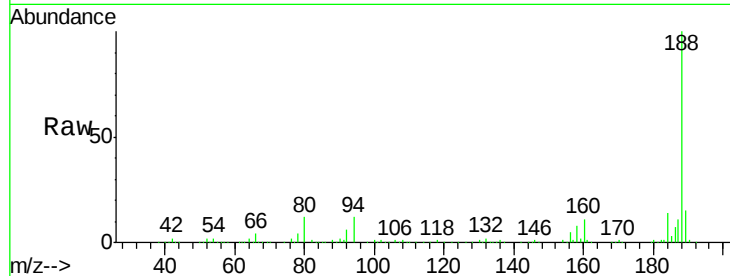




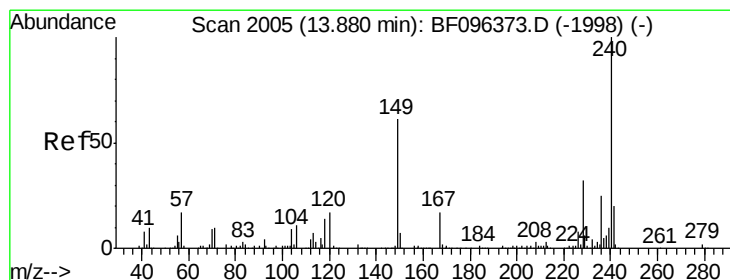
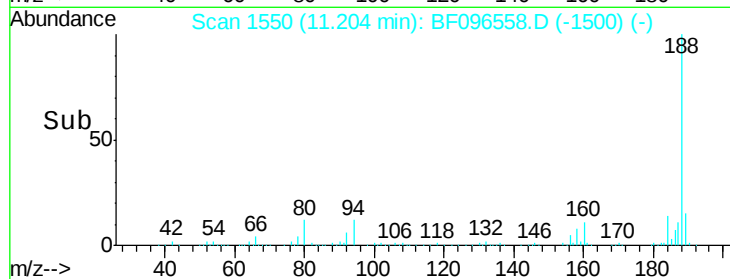
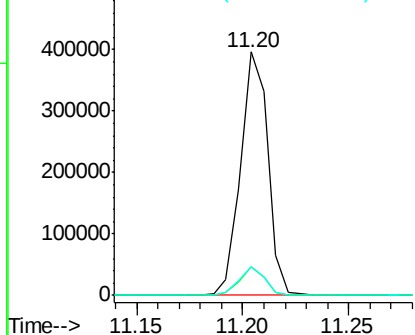
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF096558.D
Acq: 7 Jul 2017 14:47

Instrument :
BNA_F
ClientSampleId :
PET-BF003-01

Tgt Ion:188 Resp: 353332
Ion Ratio Lower Upper
188 100
94 11.5 9.4 14.2
80 11.7 10.2 15.2

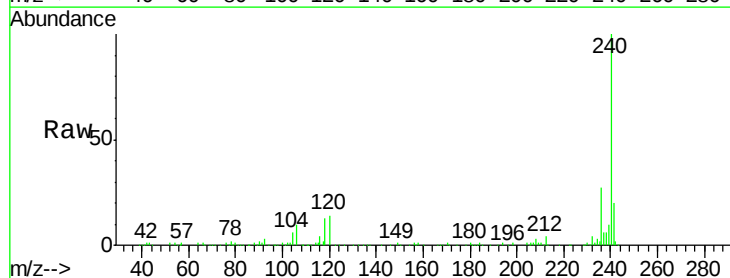


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

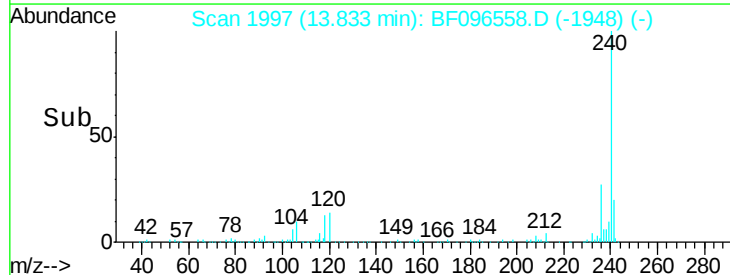
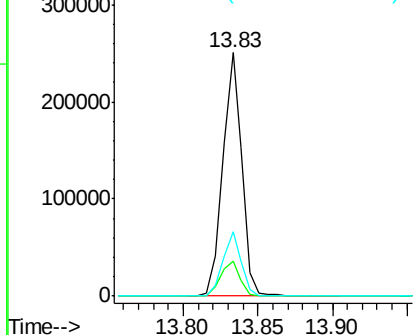


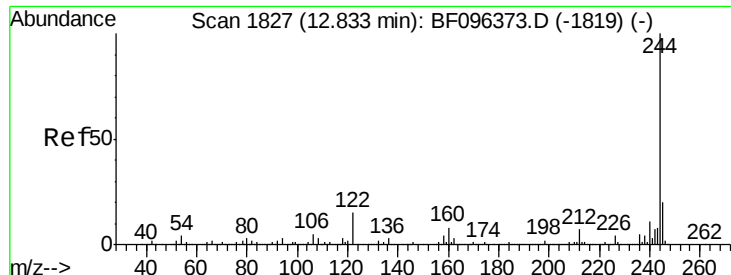
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF096558.D
Acq: 7 Jul 2017 14:47

Tgt Ion:240 Resp: 225257
Ion Ratio Lower Upper
240 100
120 14.2 5.8 8.8#
236 26.7 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

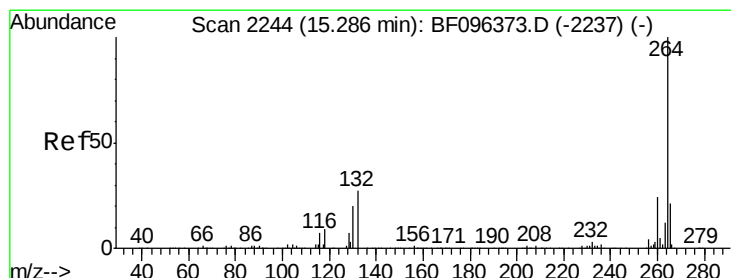
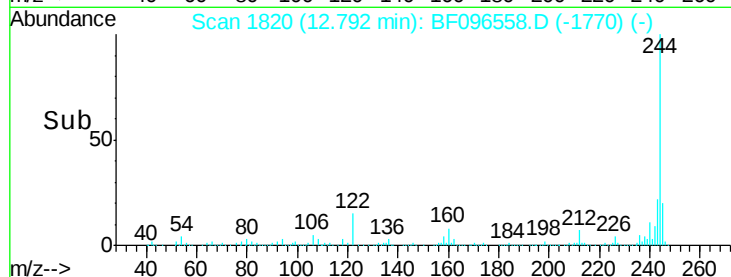
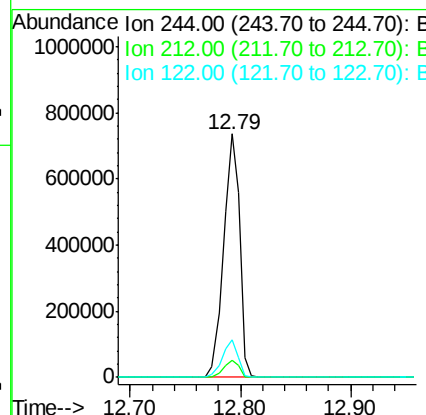
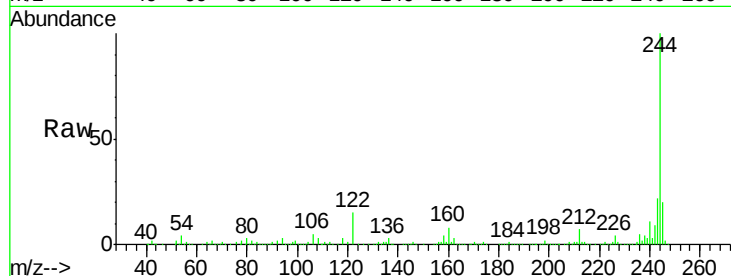




#78
 Terphenyl-d14
 Concen: 70.290 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF096558.D
 Acq: 7 Jul 2017 14:47

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF003-01

Tgt Ion:244 Resp: 740968
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 15.4 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: BF096558.D
 Acq: 7 Jul 2017 14:47

Tgt Ion:264 Resp: 181784
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.2 17.2 25.8

