

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070717\
 Data File : BF096553.D
 Acq On : 7 Jul 2017 12:31
 Operator : SJ/MA
 Sample : I4064-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF001-01

Quant Time: Jul 07 13:15:29 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

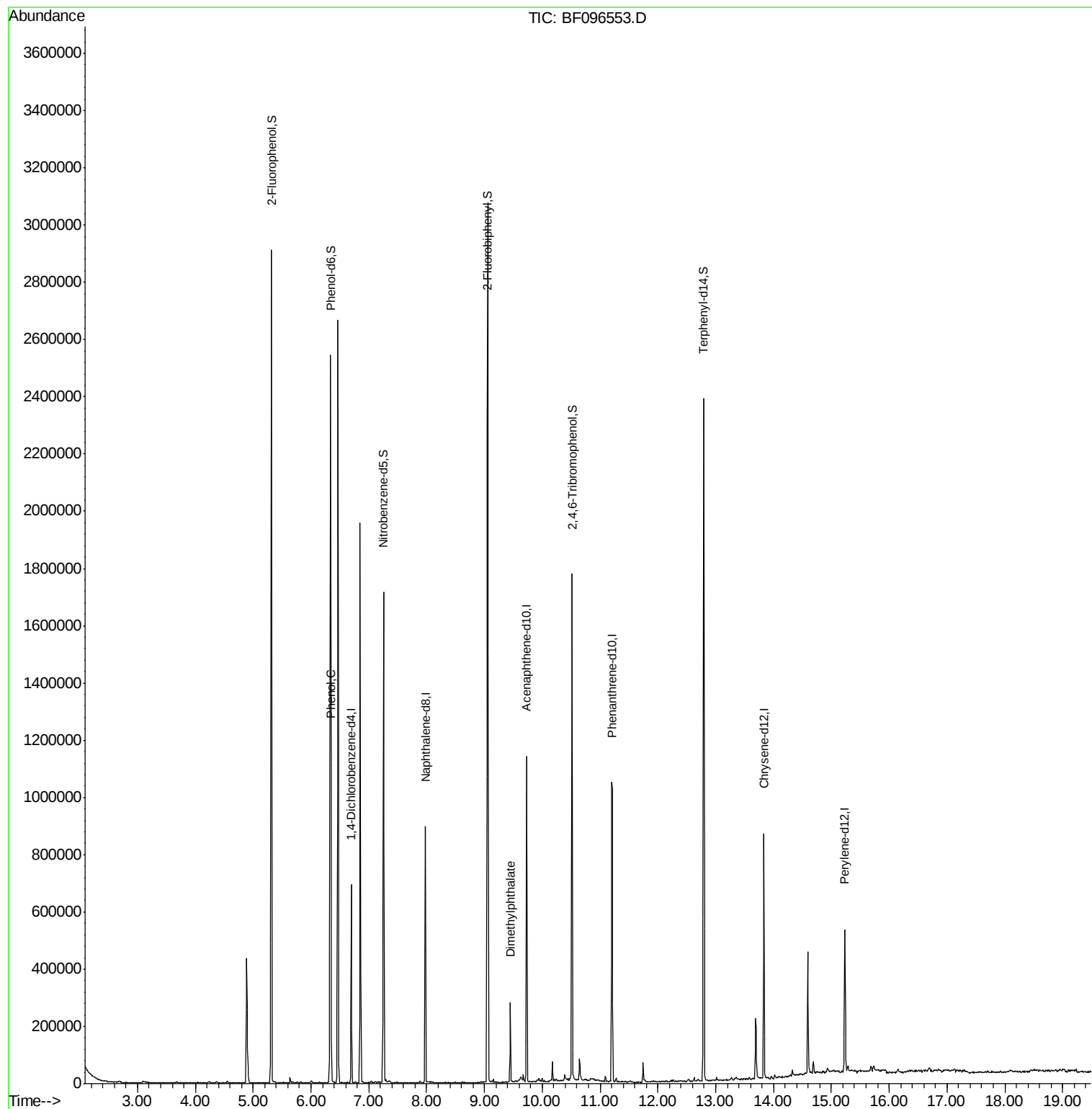
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	103057	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	445035	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	225332	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	390736	20.00	ng	0.00
75) Chrysene-d12	13.83	240	281058	20.00	ng	-0.01
86) Perylene-d12	15.23	264	201963	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	818477	117.22	ng	0.00
7) Phenol-d6	6.34	99	897155	104.52	ng	0.00
23) Nitrobenzene-d5	7.26	82	527218	71.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	201085	114.25	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1024547	77.74	ng	0.00
78) Terphenyl-d14	12.79	244	843410	64.12	ng	0.00
Target Compounds						
10) Phenol	6.35	94	28622	2.927	ng	89
49) Dimethylphthalate	9.45	163	106904	6.355	ng	99

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

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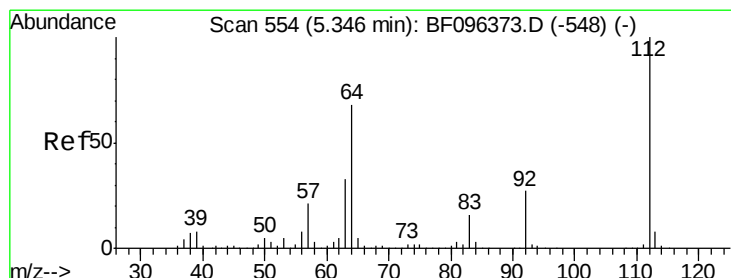
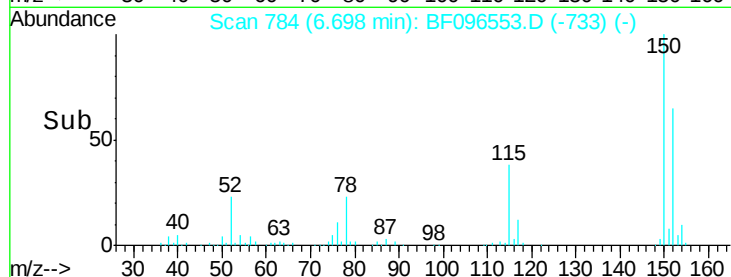
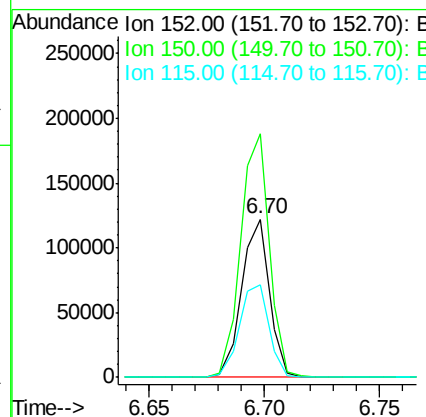
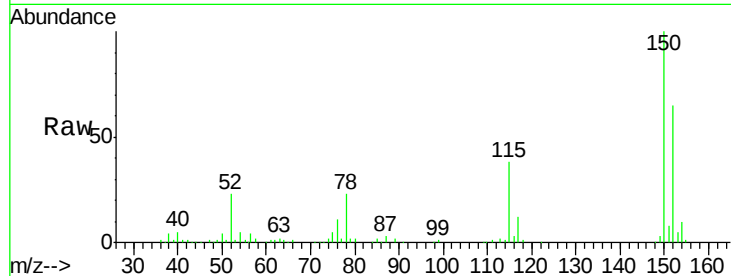


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF096553.D
Acq: 7 Jul 2017 12:31

Instrument :
BNA_F
ClientSampleId :
PET-BF001-01

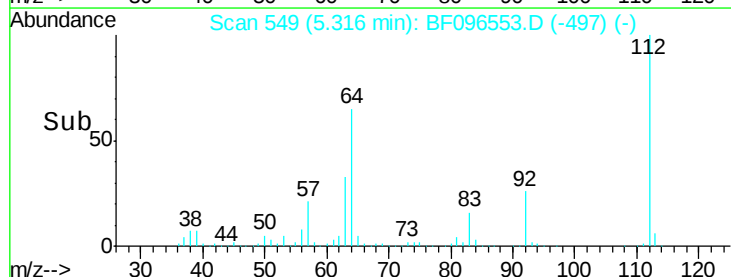
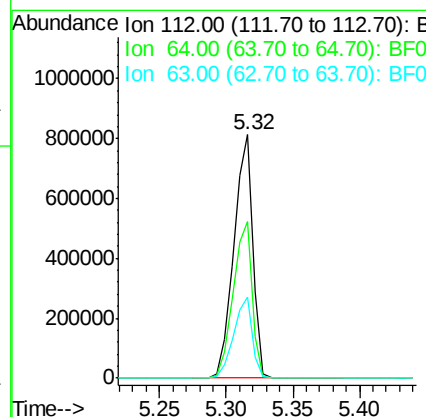
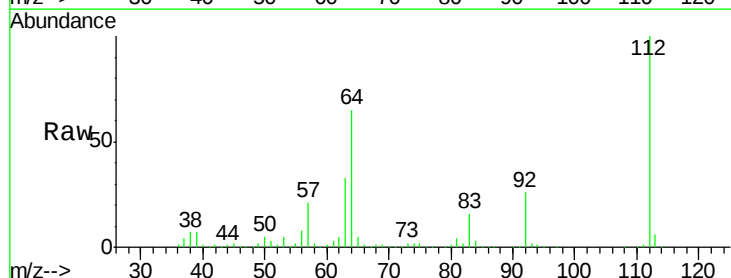
Tgt Ion:152 Resp: 103057
Ion Ratio Lower Upper
152 100
150 153.8 126.2 189.2
115 58.7 52.2 78.2



#5

2-Fluorophenol
Concen: 117.221 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.01 min
Lab File: BF096553.D
Acq: 7 Jul 2017 12:31

Tgt Ion:112 Resp: 818477
Ion Ratio Lower Upper
112 100
64 64.6 46.0 69.0
63 33.2 23.4 35.0





#7

Phenol-d6

Concen: 104.517 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF096553.D

Acq: 7 Jul 2017 12:31

Instrument :

BNA_F

ClientSampleId :

PET-BF001-01

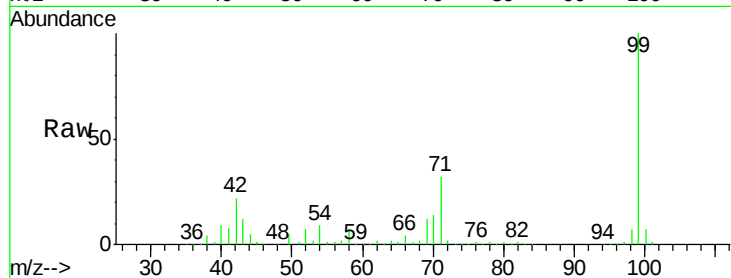
Tgt Ion: 99 Resp: 897155

Ion Ratio Lower Upper

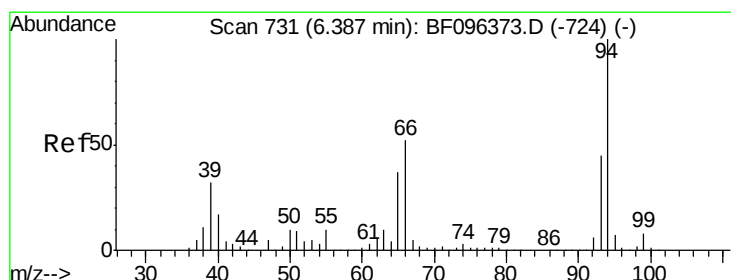
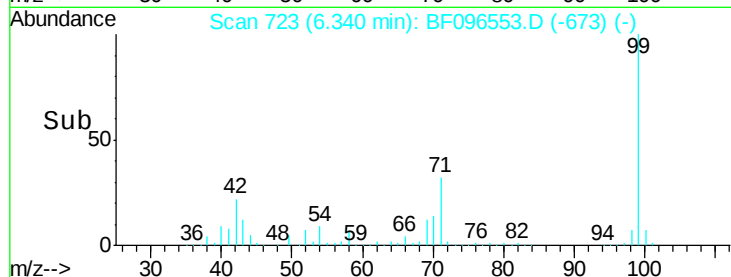
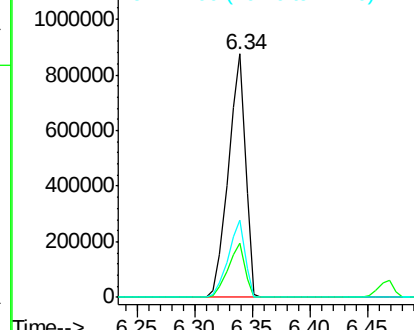
99 100

42 22.0 13.5 20.3#

71 31.7 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: 2.927 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF096553.D

Acq: 7 Jul 2017 12:31

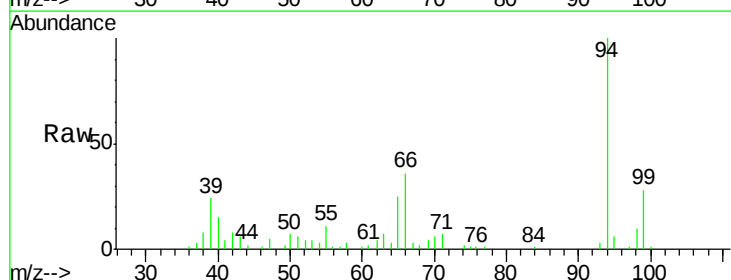
Tgt Ion: 94 Resp: 28622

Ion Ratio Lower Upper

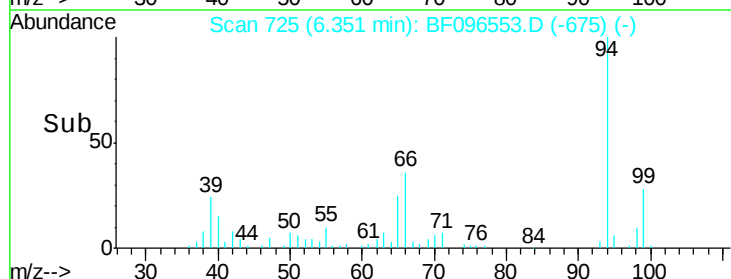
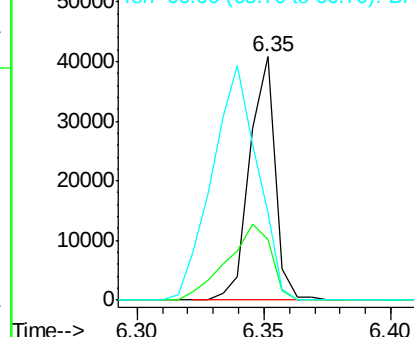
94 100

65 24.7 9.9 49.9

66 35.9 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

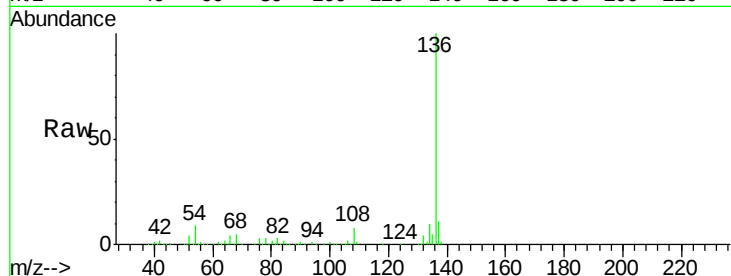




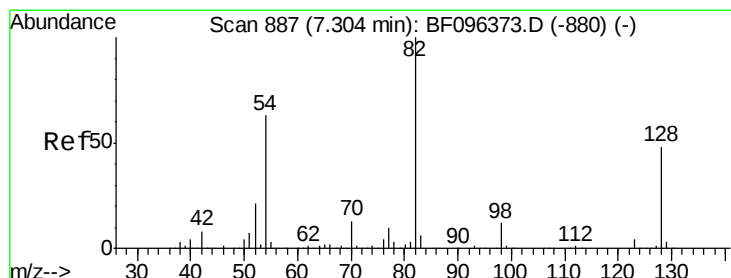
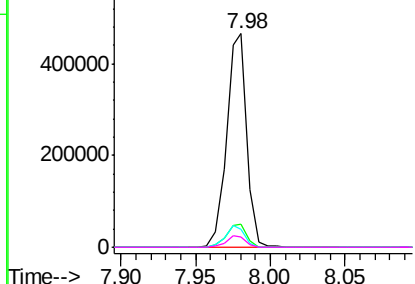
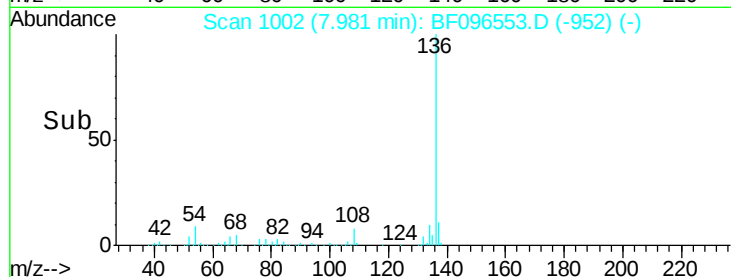
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF096553.D
Acq: 7 Jul 2017 12:31

Instrument :
BNA_F
ClientSampleId :
PET-BF001-01

Tgt Ion:	136	Resp:	445035
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	8.6	4.9	7.3#
68	4.7	4.1	6.1

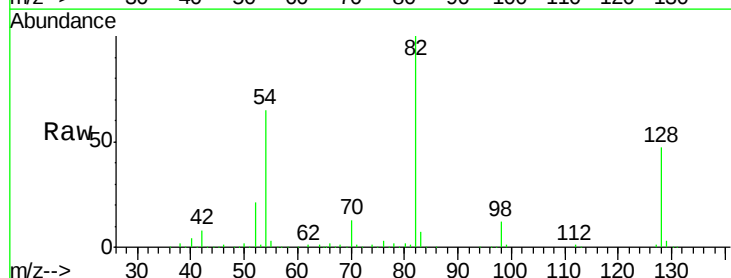


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

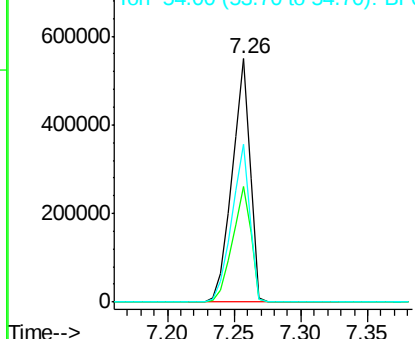
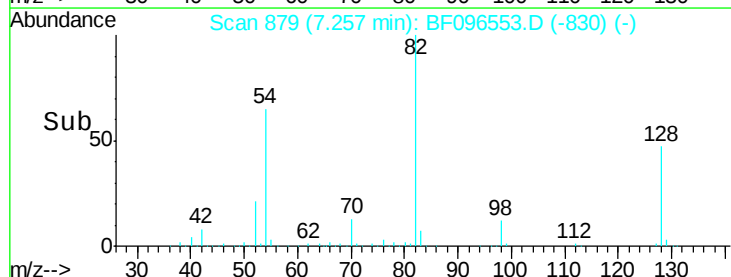


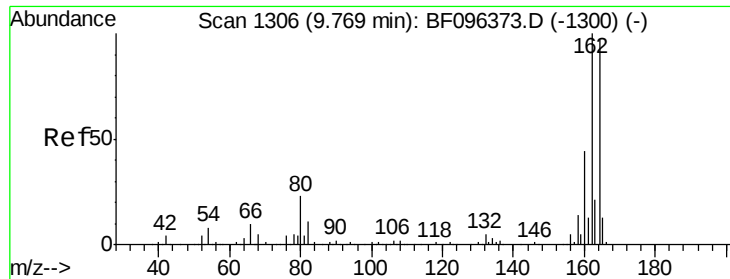
#23
Nitrobenzene-d5
Concen: 71.188 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF096553.D
Acq: 7 Jul 2017 12:31

Tgt Ion:	82	Resp:	527218
Ion	Ratio	Lower	Upper
82	100		
128	47.2	34.0	51.0
54	64.7	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

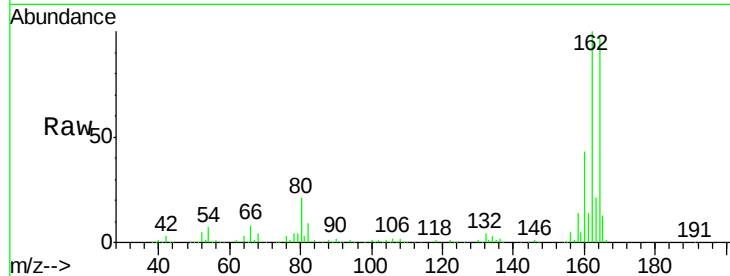




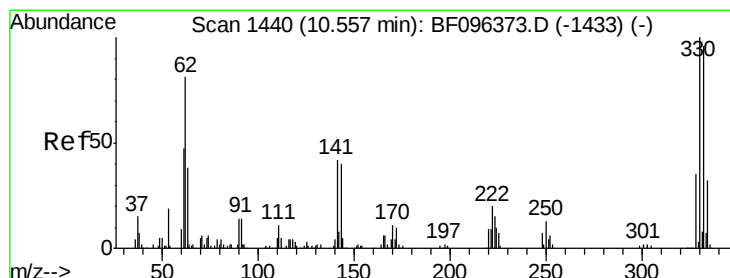
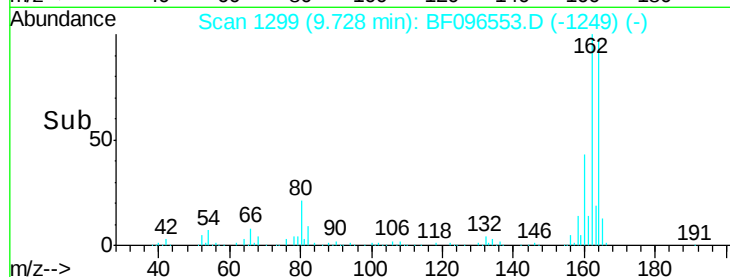
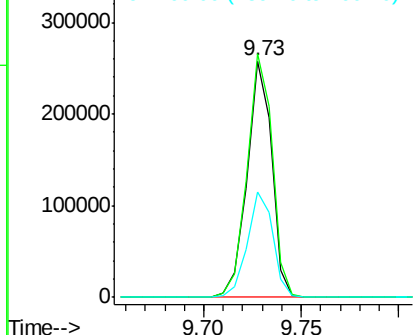
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF096553.D
 Acq: 7 Jul 2017 12:31

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF001-01

Tgt Ion:164 Resp: 225332
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.6 123.8
 160 44.5 36.2 54.2

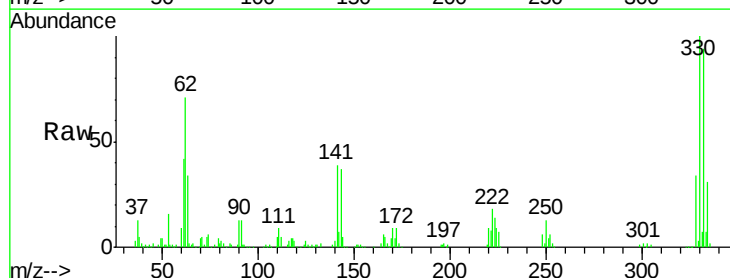


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

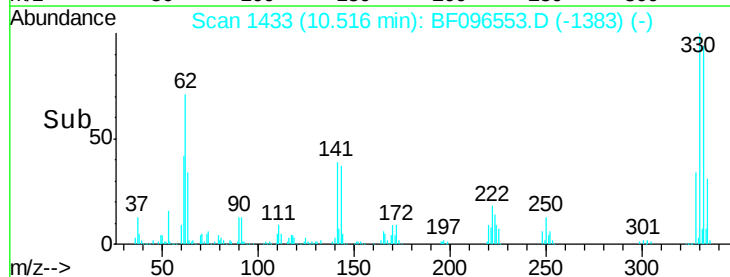
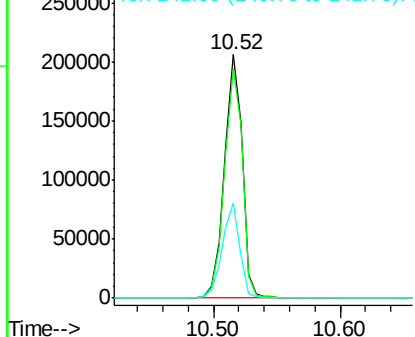


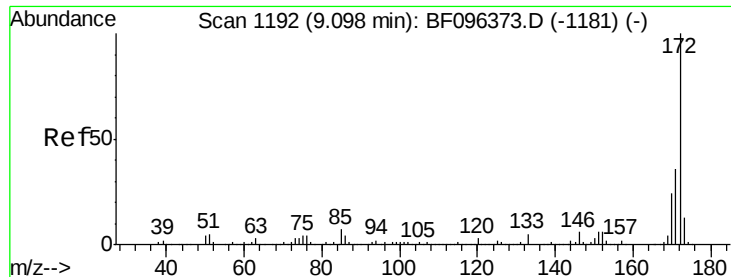
#41
 2,4,6-Tribromophenol
 Concen: 114.245 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF096553.D
 Acq: 7 Jul 2017 12:31

Tgt Ion:330 Resp: 201085
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 115.0
 141 38.8 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

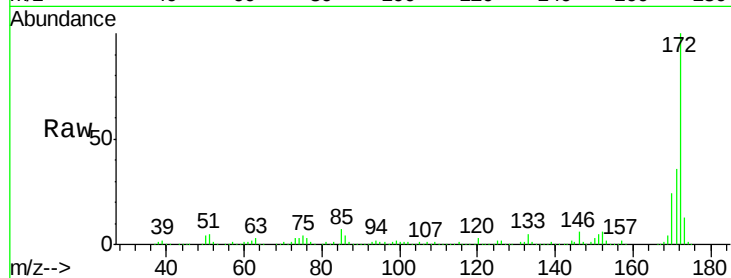




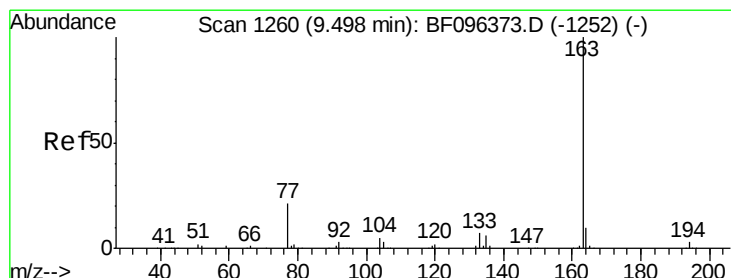
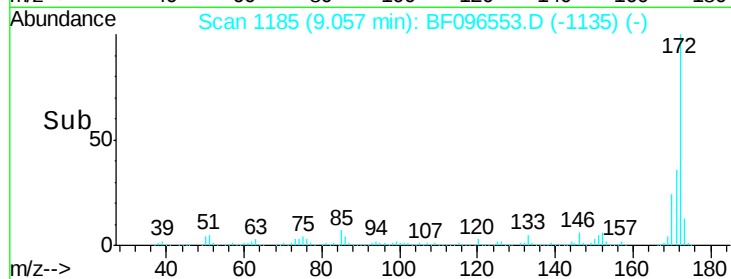
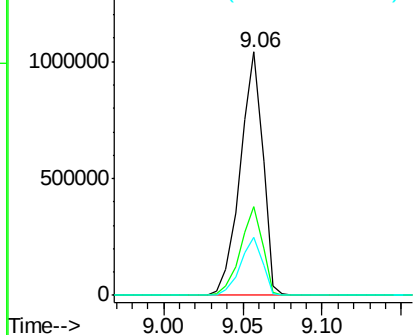
#44
 2-Fluorobiphenyl
 Concen: 77.740 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF096553.D
 Acq: 7 Jul 2017 12:31

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF001-01

Tgt Ion:172 Resp: 1024547
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.0 19.8 29.8

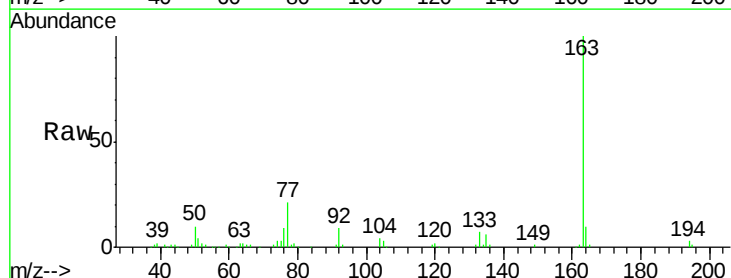


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

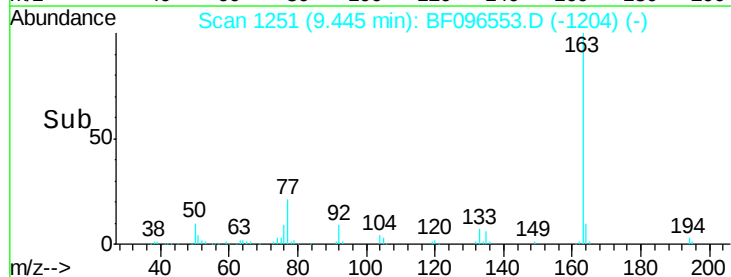
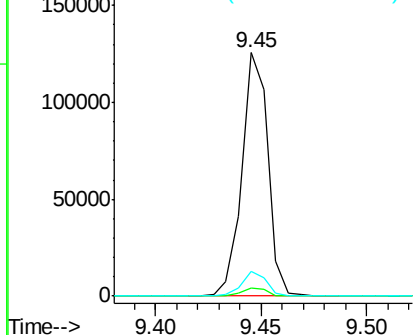


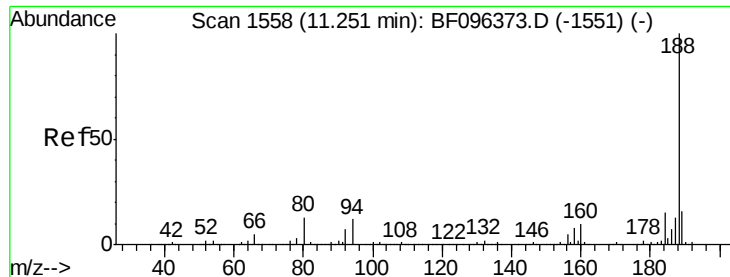
#49
 Dimethylphthalate
 Concen: 6.355 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.02 min
 Lab File: BF096553.D
 Acq: 7 Jul 2017 12:31

Tgt Ion:163 Resp: 106904
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.6 4.0
 164 10.1 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

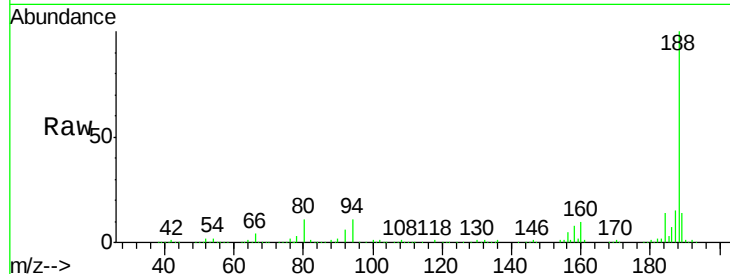




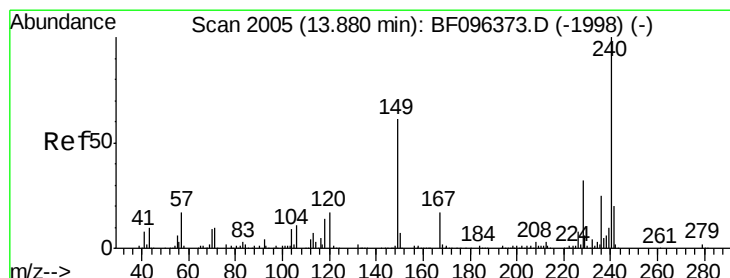
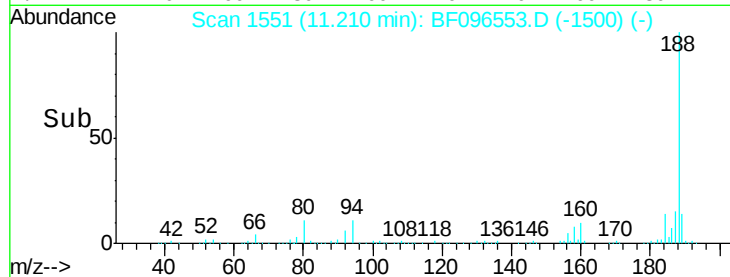
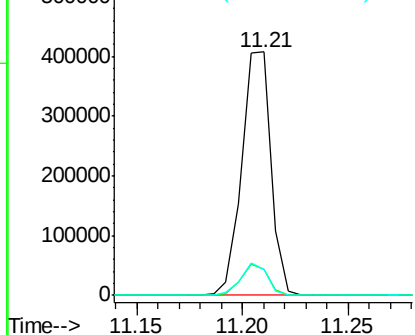
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BF096553.D
Acq: 7 Jul 2017 12:31

Instrument :
BNA_F
ClientSampleId :
PET-BF001-01

Tgt Ion:188 Resp: 390736
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 10.7 10.2 15.2

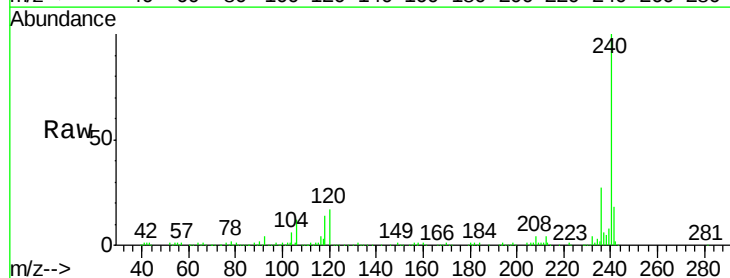


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

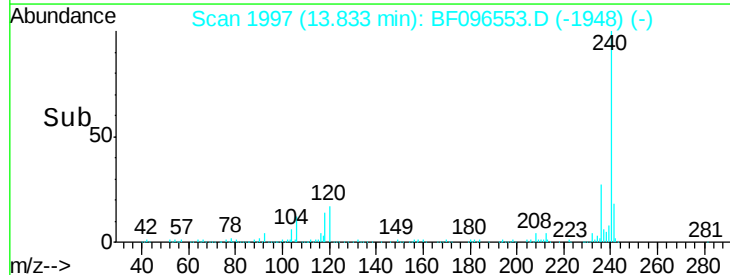
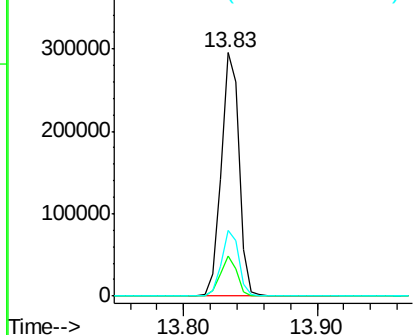


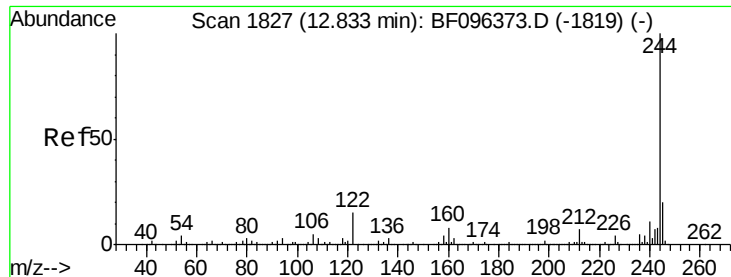
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF096553.D
Acq: 7 Jul 2017 12:31

Tgt Ion:240 Resp: 281058
Ion Ratio Lower Upper
240 100
120 16.6 5.8 8.8#
236 27.0 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

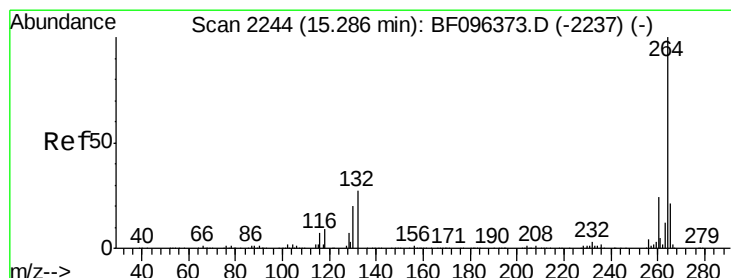
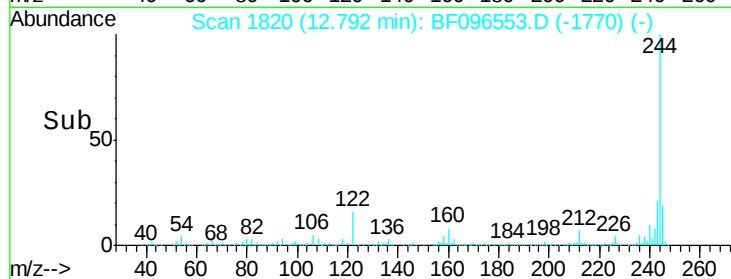
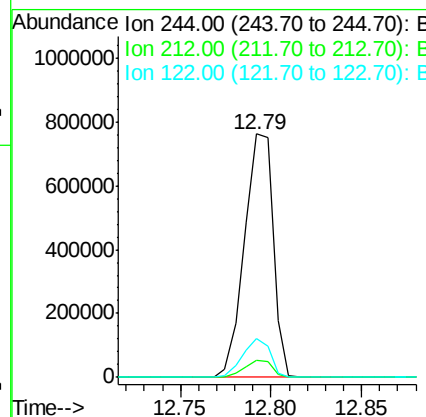
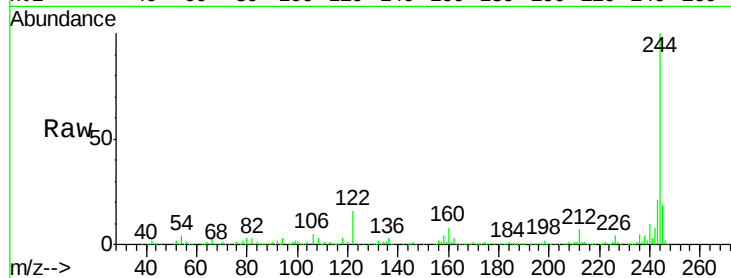




#78
 Terphenyl-d14
 Concen: 64.123 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF096553.D
 Acq: 7 Jul 2017 12:31

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF001-01

Tgt Ion:244 Resp: 843410
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 15.9 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: BF096553.D
 Acq: 7 Jul 2017 12:31

Tgt Ion:264 Resp: 201963
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.9 17.2 25.8

