

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071217\
 Data File : BF096702.D
 Acq On : 12 Jul 2017 20:07
 Operator : SJ/JU
 Sample : I4140-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-03

Quant Time: Jul 13 02:24:43 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

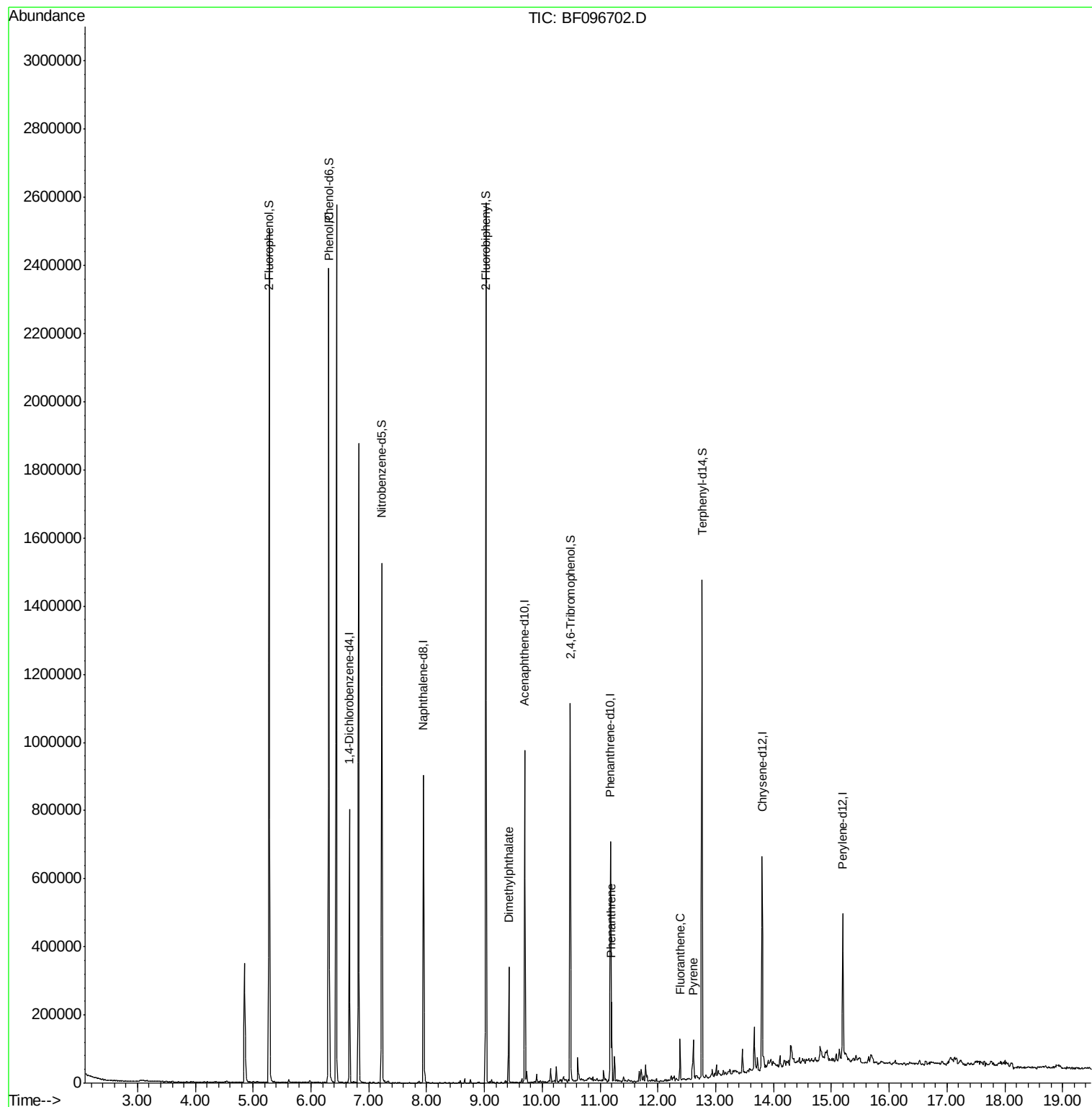
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	117404	20.00	ng	-0.03
21) Naphthalene-d8	7.95	136	428870	20.00	ng	-0.04
38) Acenaphthene-d10	9.70	164	173121	20.00	ng	-0.04
63) Phenanthrene-d10	11.17	188	248514	20.00	ng	-0.04
75) Chrysene-d12	13.80	240	191112	20.00	ng	-0.04
86) Perylene-d12	15.20	264	173130	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	710888	89.37	ng	-0.03
7) Phenol-d6	6.31	99	928879	94.99	ng	-0.04
23) Nitrobenzene-d5	7.23	82	482250	67.57	ng	-0.04
41) 2,4,6-Tribromophenol	10.49	330	123023	90.97	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	782879	77.32	ng	-0.04
78) Terphenyl-d14	12.76	244	441926	49.41	ng	-0.04
Target Compounds						
10) Phenol	6.32	94	23703	2.128	ng	96
49) Dimethylphthalate	9.42	163	136580	10.568	ng	98
70) Phenanthrene	11.20	178	77793	5.791	ng	98
74) Fluoranthene	12.38	202	46942	3.564	ng	99
77) Pyrene	12.61	202	44237	2.884	ng	99

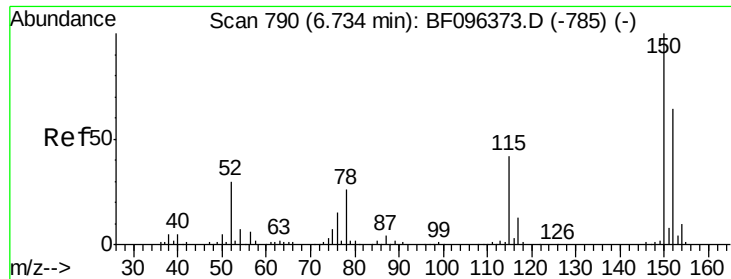
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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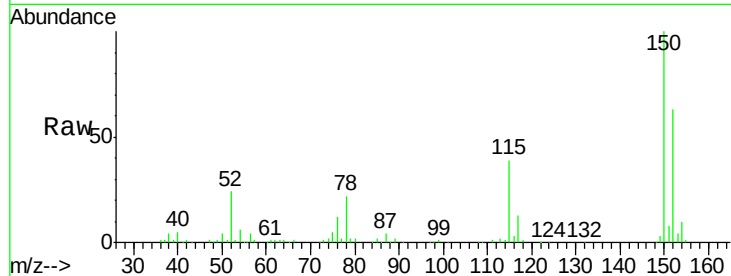


#1

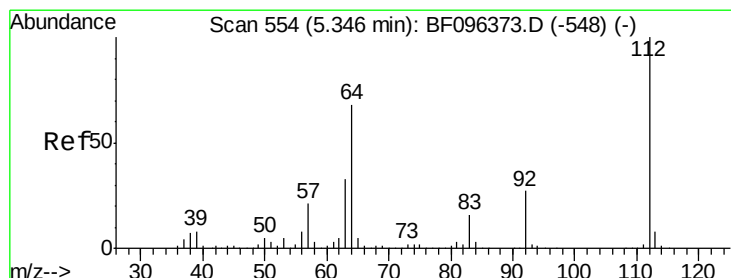
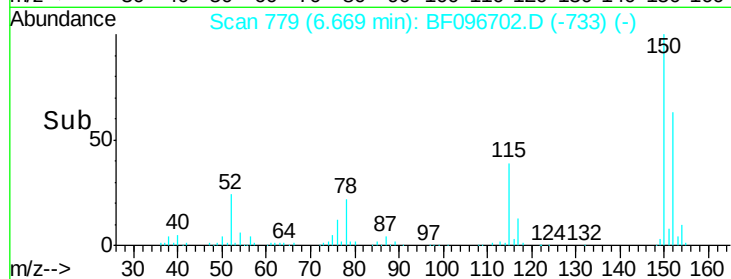
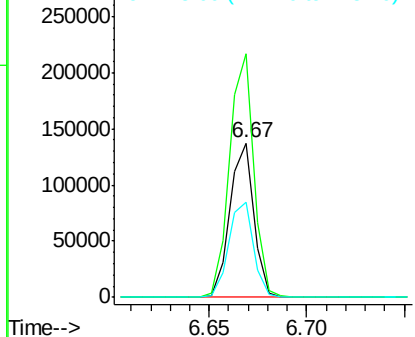
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.03 min
Lab File: BF096702.D
Acq: 12 Jul 2017 20:07

Instrument :
BNA_F
ClientSampled :
EP-03

Tgt Ion:152 Resp: 117404
Ion Ratio Lower Upper
152 100
150 157.8 126.2 189.2
115 61.3 52.2 78.2



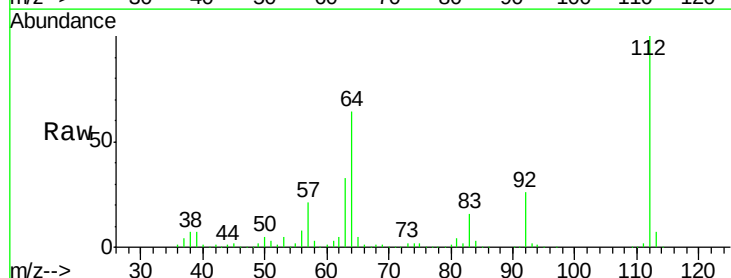
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



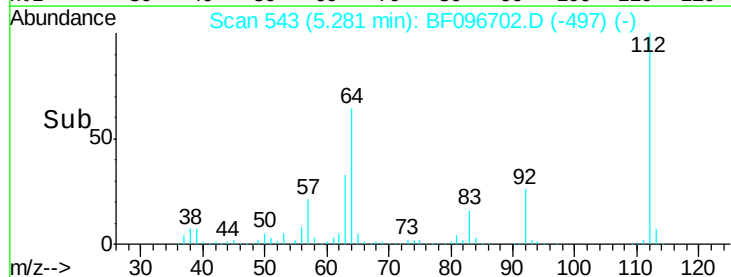
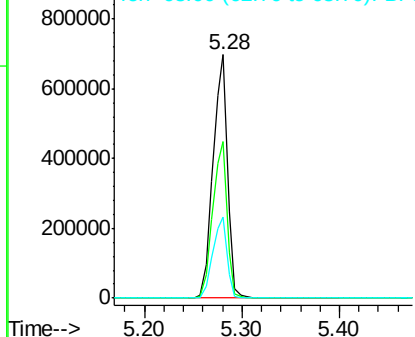
#5

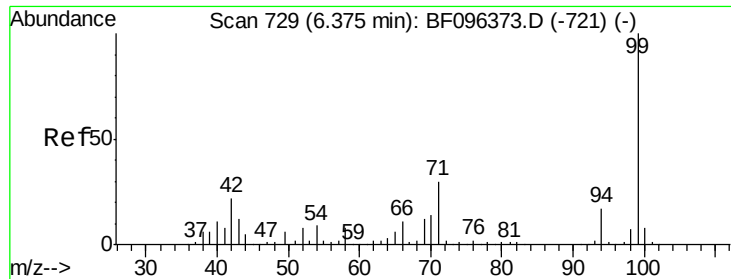
2-Fluorophenol
Concen: 89.371 ng
RT: 5.28 min Scan# 543
Delta R.T. -0.03 min
Lab File: BF096702.D
Acq: 12 Jul 2017 20:07

Tgt Ion:112 Resp: 710888
Ion Ratio Lower Upper
112 100
64 64.2 46.0 69.0
63 33.1 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: 94.989 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.04 min

Lab File: BF096702.D

Acq: 12 Jul 2017 20:07

Instrument :

BNA_F

ClientSampled :

EP-03

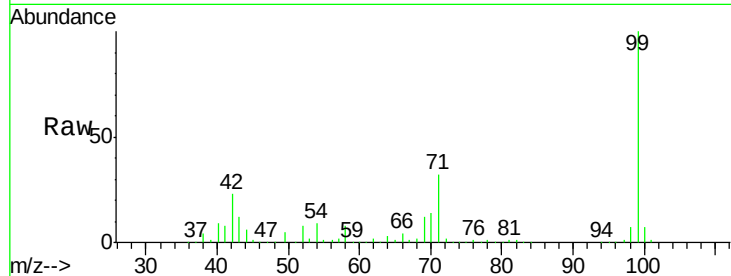
Tgt Ion: 99 Resp: 928879

Ion Ratio Lower Upper

99 100

42 22.8 13.5 20.3#

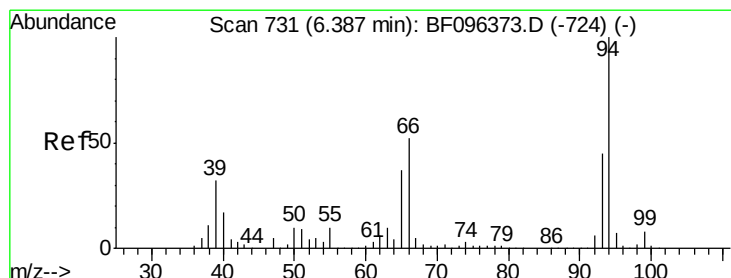
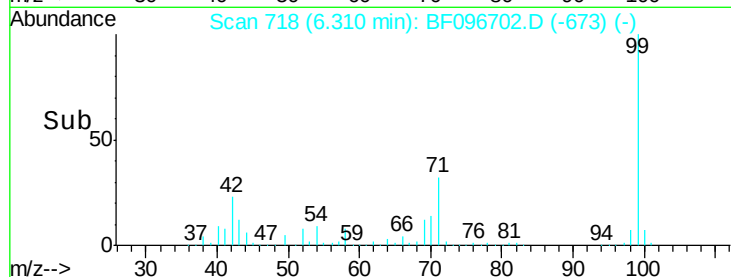
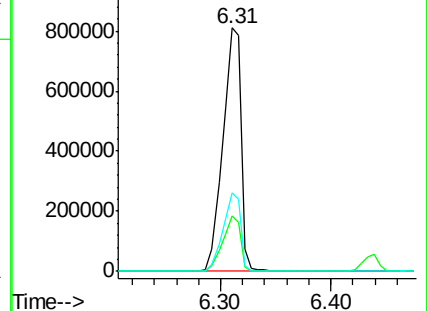
71 32.2 24.5 36.7



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: 2.128 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.04 min

Lab File: BF096702.D

Acq: 12 Jul 2017 20:07

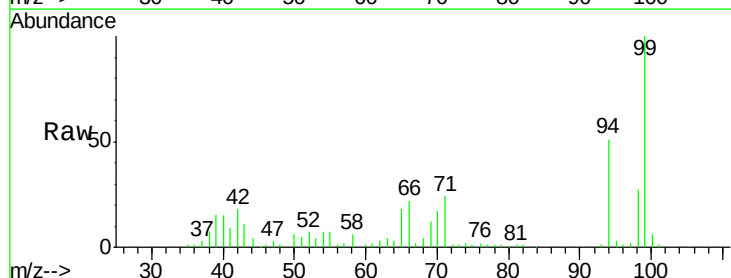
Tgt Ion: 94 Resp: 23703

Ion Ratio Lower Upper

94 100

65 34.3 9.9 49.9

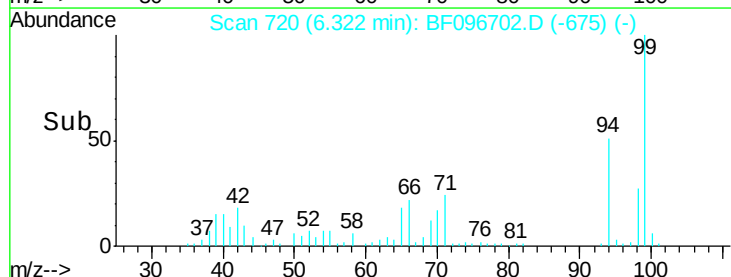
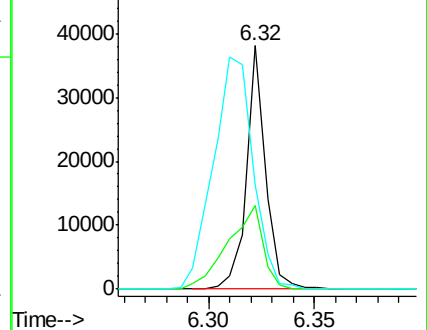
66 42.5 23.1 63.1

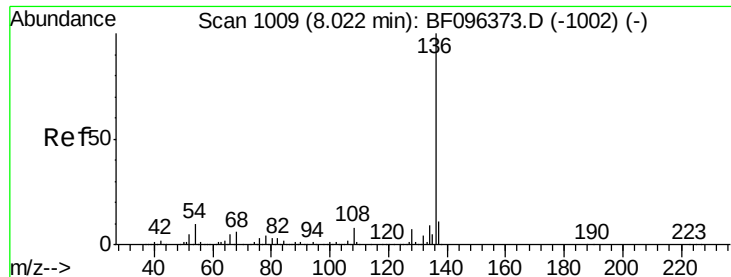


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

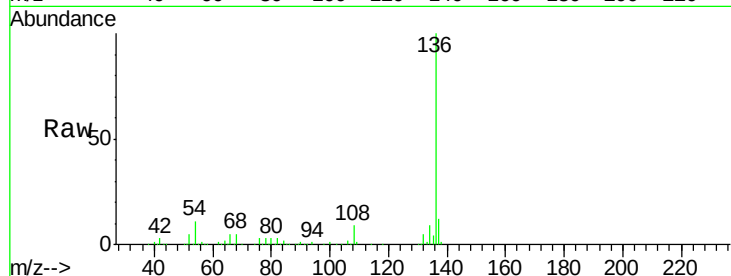




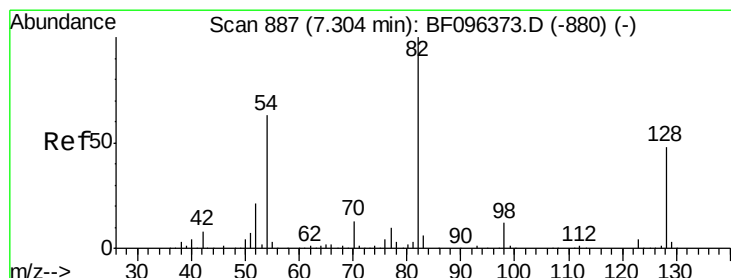
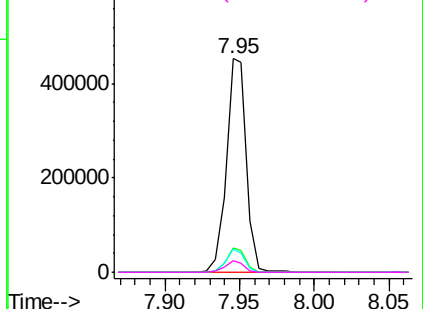
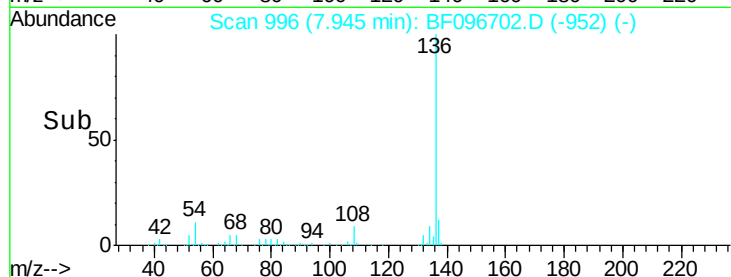
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.04 min
Lab File: BF096702.D
Acq: 12 Jul 2017 20:07

Instrument :
BNA_F
ClientSampleId :
EP-03

Tgt Ion:	136	Resp:	428870
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.5	12.7
54	10.6	4.9	7.3#
68	5.4	4.1	6.1

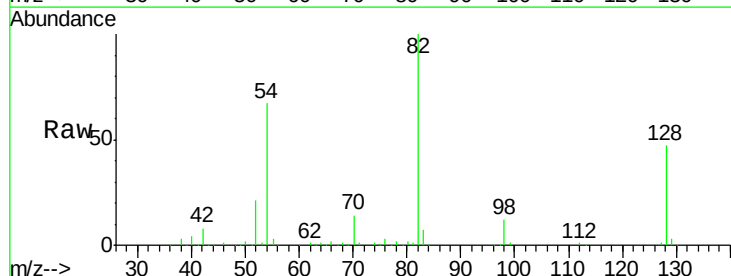


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

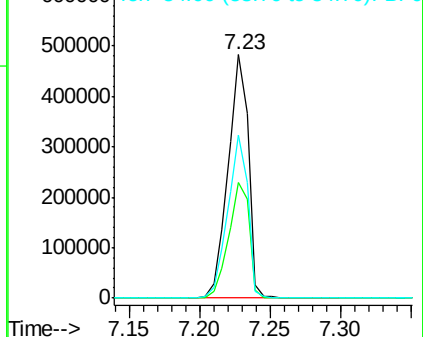
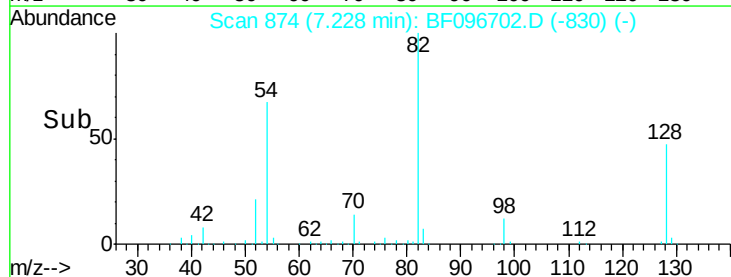


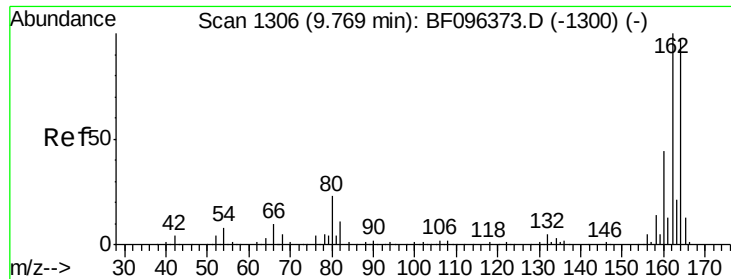
#23
Nitrobenzene-d5
Concen: 67.570 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.04 min
Lab File: BF096702.D
Acq: 12 Jul 2017 20:07

Tgt Ion:	82	Resp:	482250
Ion	Ratio	Lower	Upper
82	100		
128	47.2	34.0	51.0
54	66.9	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: 9.70 min Scan# 1294

Delta R.T. -0.04 min

Lab File: BF096702.D

Acq: 12 Jul 2017 20:07

Instrument :

BNA_F

ClientSampleId :

EP-03

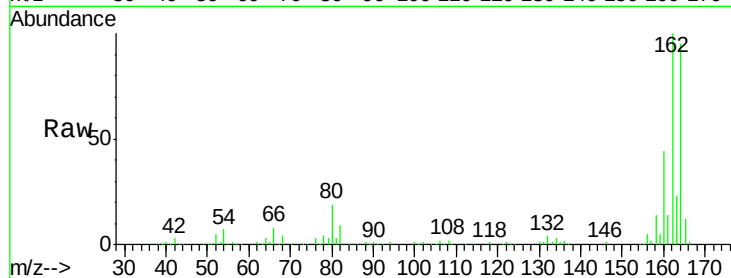
Tgt Ion:164 Resp: 173121

Ion Ratio Lower Upper

164 100

162 104.8 82.6 123.8

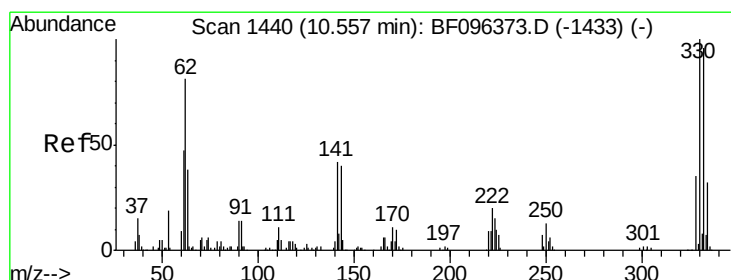
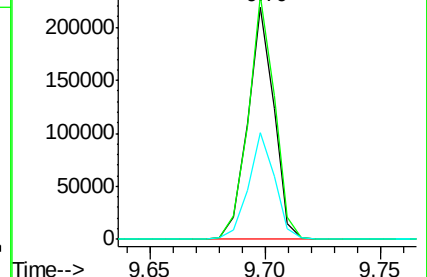
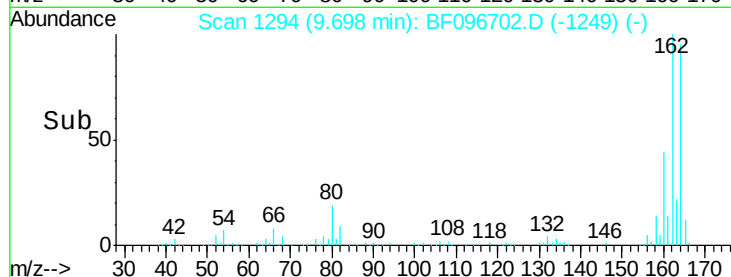
160 46.1 36.2 54.2



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: 90.974 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.04 min

Lab File: BF096702.D

Acq: 12 Jul 2017 20:07

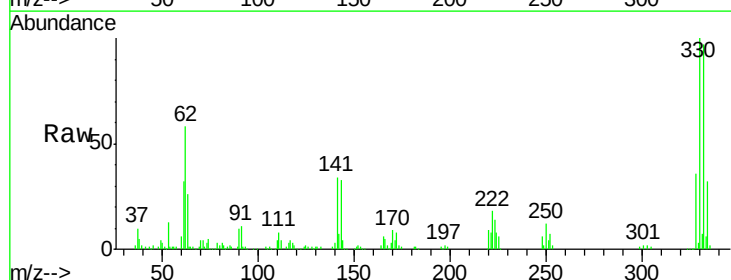
Tgt Ion:330 Resp: 123023

Ion Ratio Lower Upper

330 100

332 96.8 76.6 115.0

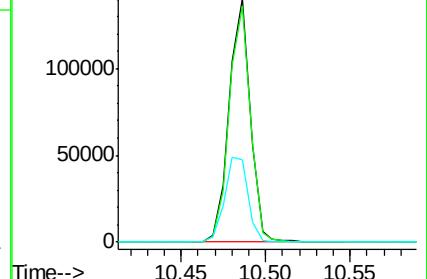
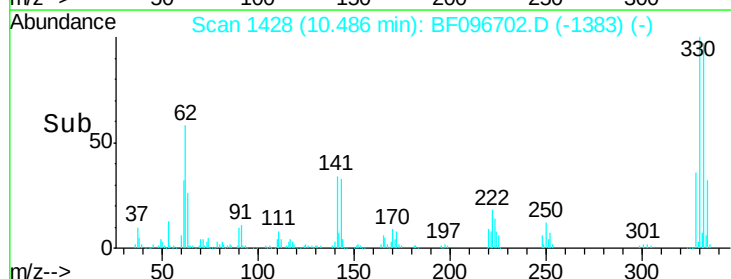
141 38.7 31.4 47.2

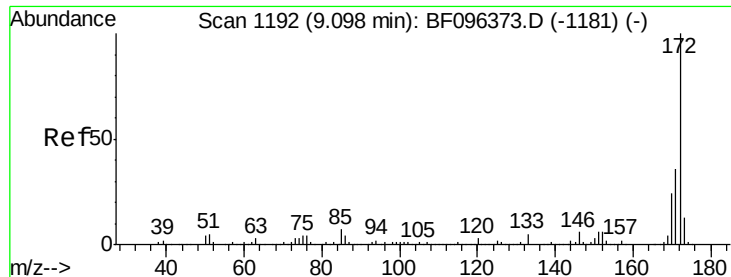


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

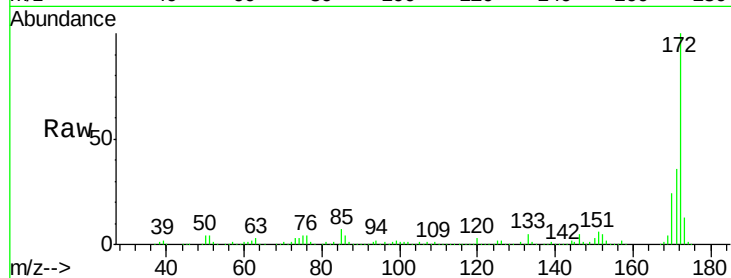




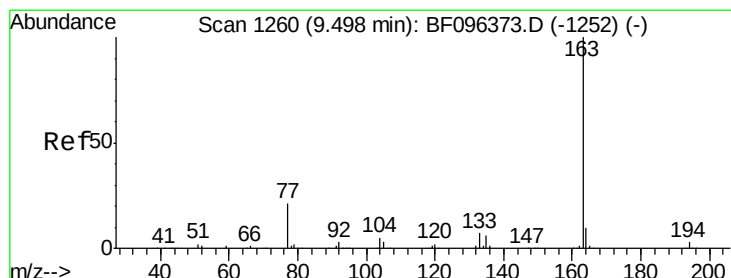
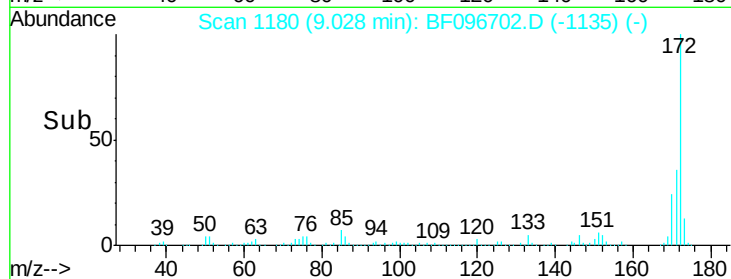
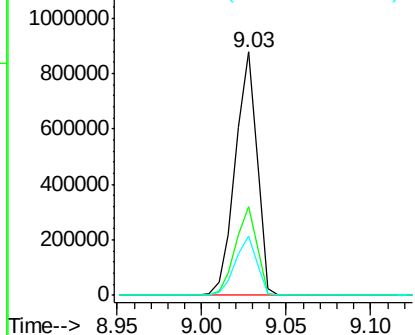
#44
 2-Fluorobiphenyl
 Concen: 77.318 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.04 min
 Lab File: BF096702.D
 Acq: 12 Jul 2017 20:07

Instrument :
 BNA_F
 ClientSampleId :
 EP-03

Tgt Ion:172 Resp: 782879
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.3 19.8 29.8

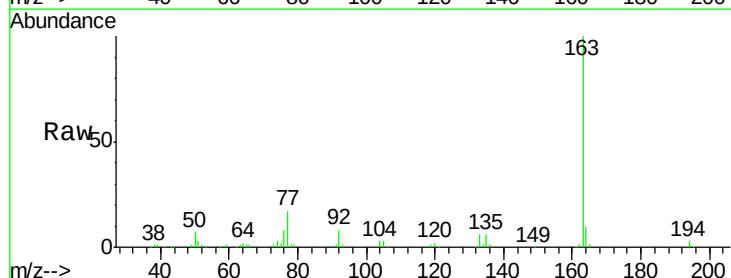


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

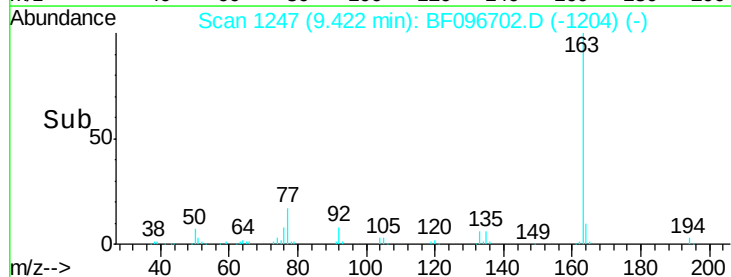
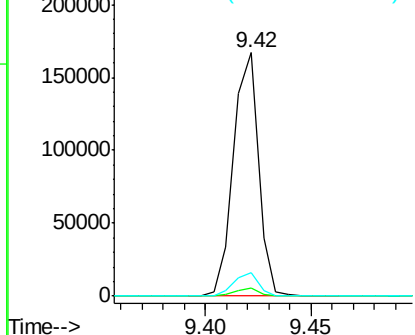


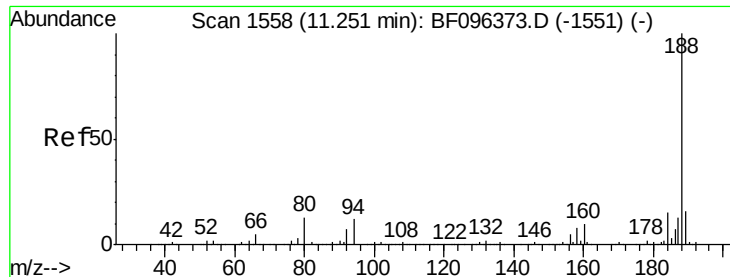
#49
 Dimethylphthalate
 Concen: 10.568 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.05 min
 Lab File: BF096702.D
 Acq: 12 Jul 2017 20:07

Tgt Ion:163 Resp: 136580
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.6 4.0
 164 9.5 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

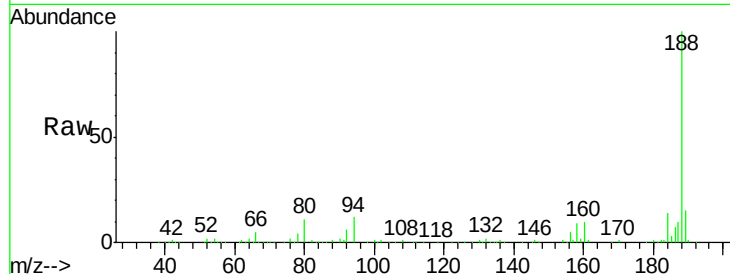




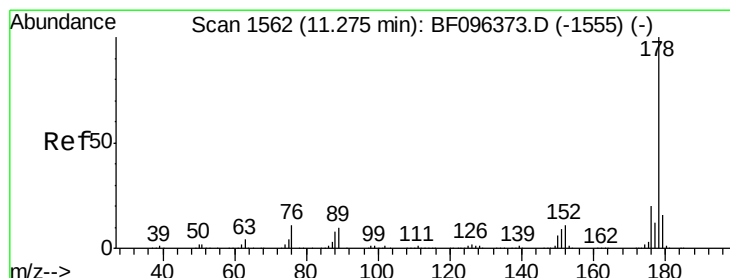
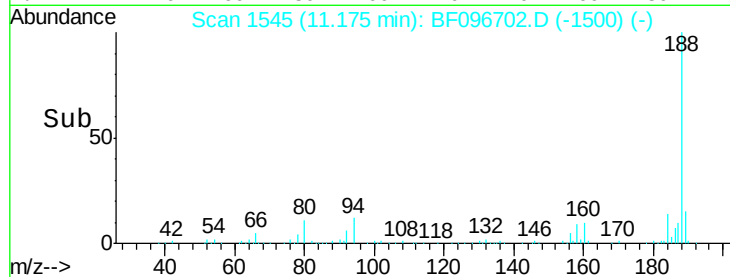
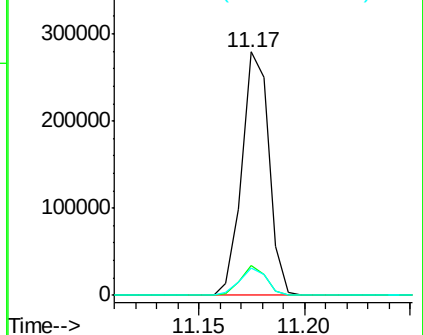
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.04 min
Lab File: BF096702.D
Acq: 12 Jul 2017 20:07

Instrument :
BNA_F
ClientSampleId :
EP-03

Tgt Ion:188 Resp: 248514
Ion Ratio Lower Upper
188 100
94 12.3 9.4 14.2
80 11.4 10.2 15.2

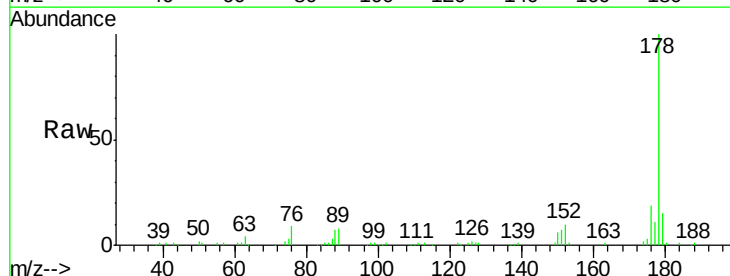


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

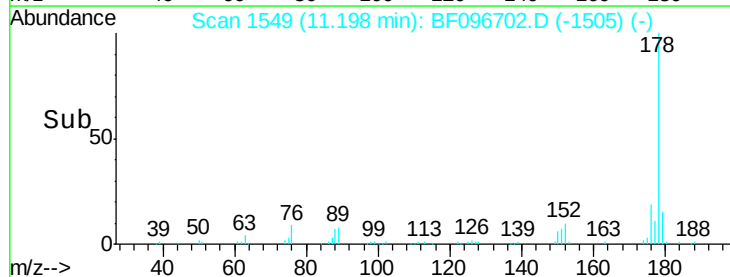
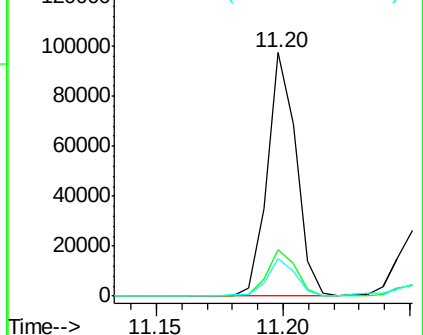


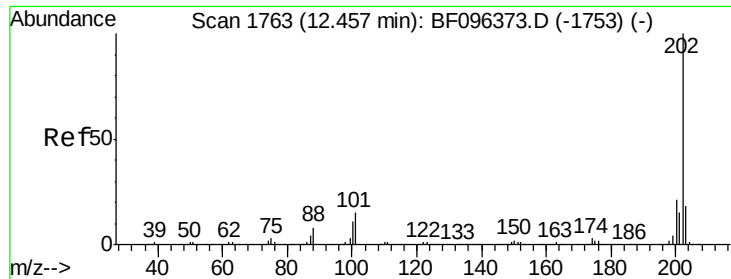
#70
Phenanthrene
Concen: 5.791 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.04 min
Lab File: BF096702.D
Acq: 12 Jul 2017 20:07

Tgt Ion:178 Resp: 77793
Ion Ratio Lower Upper
178 100
176 19.1 16.2 24.4
179 15.2 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

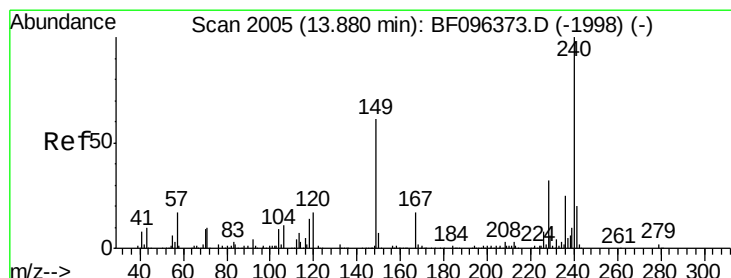
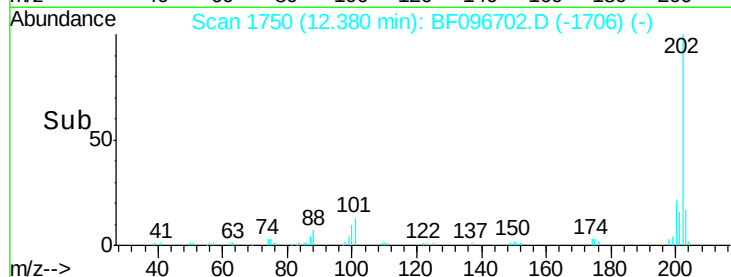
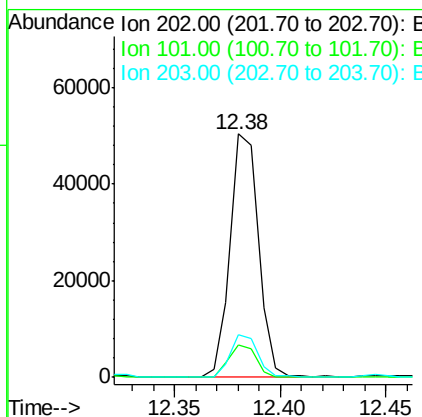
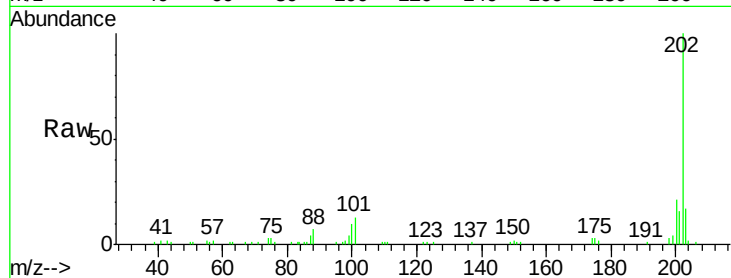




#74
 Fluoranthene
 Concen: 3.564 ng
 RT: 12.38 min Scan# 1750
 Delta R.T. -0.04 min
 Lab File: BF096702.D
 Acq: 12 Jul 2017 20:07

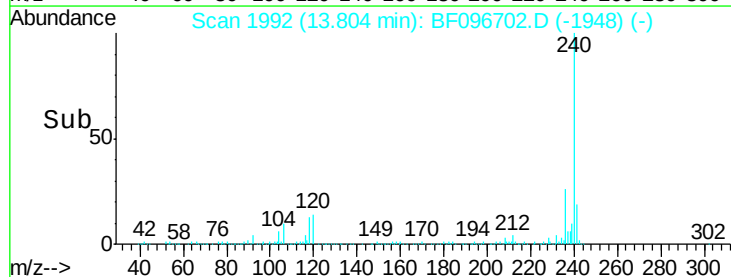
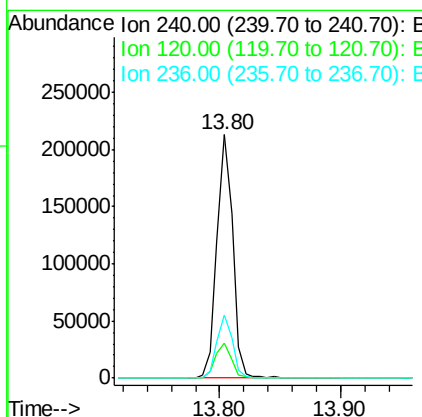
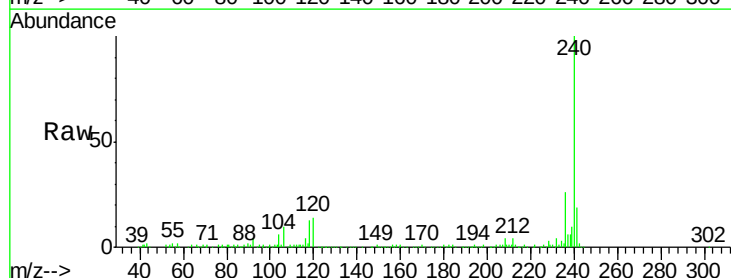
Instrument :
 BNA_F
 ClientSampleId :
 EP-03

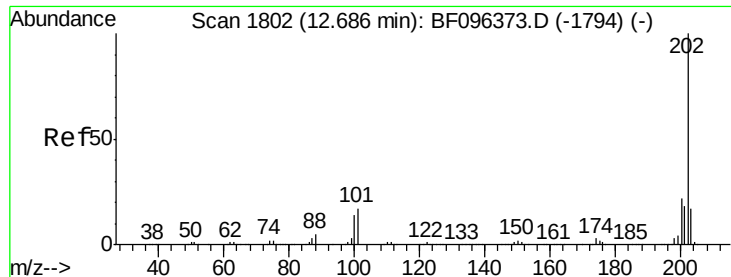
Tgt Ion: 202 Resp: 46942
 Ion Ratio Lower Upper
 202 100
 101 13.4 0.0 33.2
 203 17.3 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.80 min Scan# 1992
 Delta R.T. -0.04 min
 Lab File: BF096702.D
 Acq: 12 Jul 2017 20:07

Tgt Ion: 240 Resp: 191112
 Ion Ratio Lower Upper
 240 100
 120 14.4 5.8 8.8#
 236 25.7 20.5 30.7

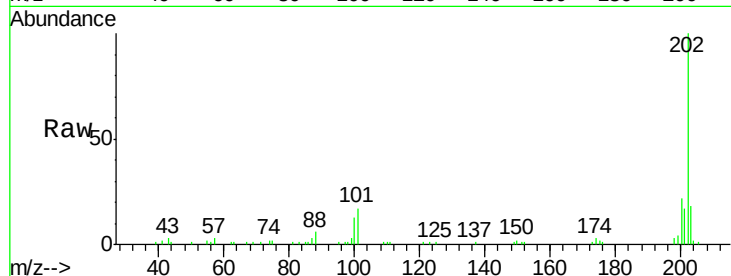




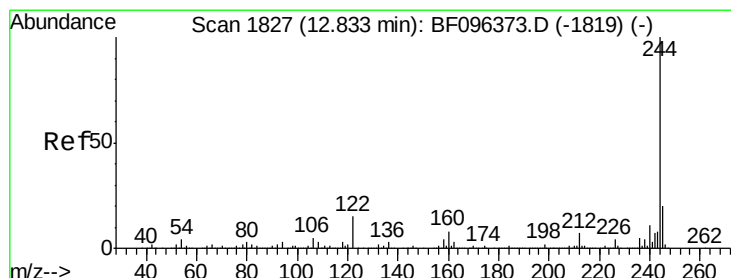
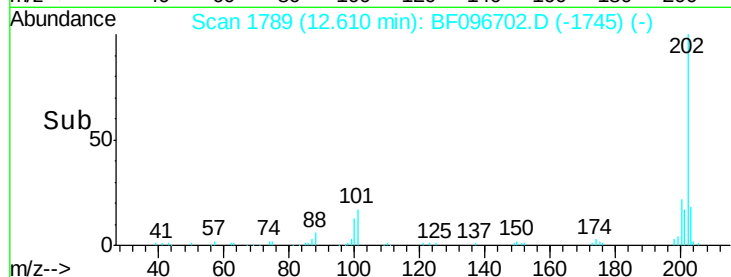
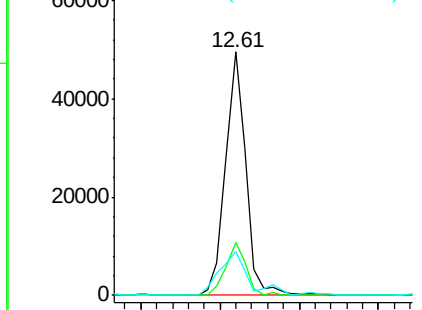
#77
 Pyrene
 Concen: 2.884 ng
 RT: 12.61 min Scan# 1789
 Delta R.T. -0.04 min
 Lab File: BF096702.D
 Acq: 12 Jul 2017 20:07

Instrument :
 BNA_F
 ClientSampleId :
 EP-03

Tgt Ion: 202 Resp: 44237
 Ion Ratio Lower Upper
 202 100
 200 21.7 17.6 26.4
 203 18.2 14.4 21.6

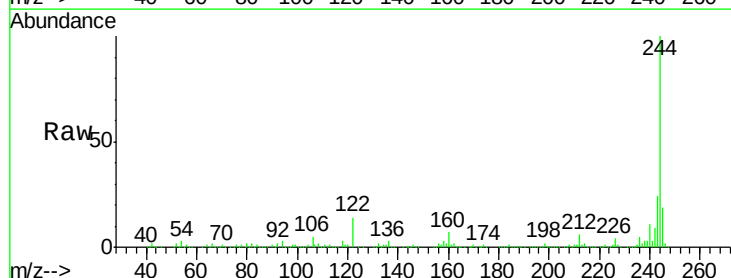


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

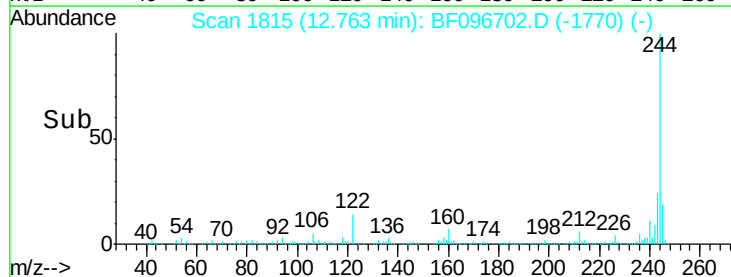
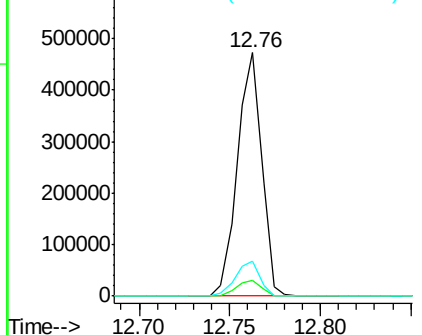


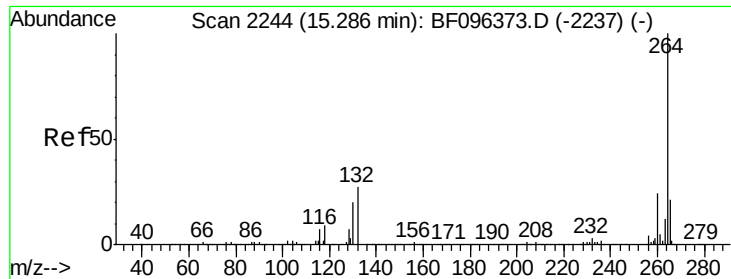
#78
 Terphenyl-d14
 Concen: 49.412 ng
 RT: 12.76 min Scan# 1815
 Delta R.T. -0.04 min
 Lab File: BF096702.D
 Acq: 12 Jul 2017 20:07

Tgt Ion: 244 Resp: 441926
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.0 9.0
 122 14.1 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.05 min
Lab File: BF096702.D
Acq: 12 Jul 2017 20:07

Instrument :
BNA_F
ClientSampleId :
EP-03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	21.3	17.2	25.8

