

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
 Data File : BF097244.D
 Acq On : 1 Aug 2017 21:05
 Operator : SJ/JU
 Sample : I4512-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HDD-PILWC4

Quant Time: Aug 02 05:28:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

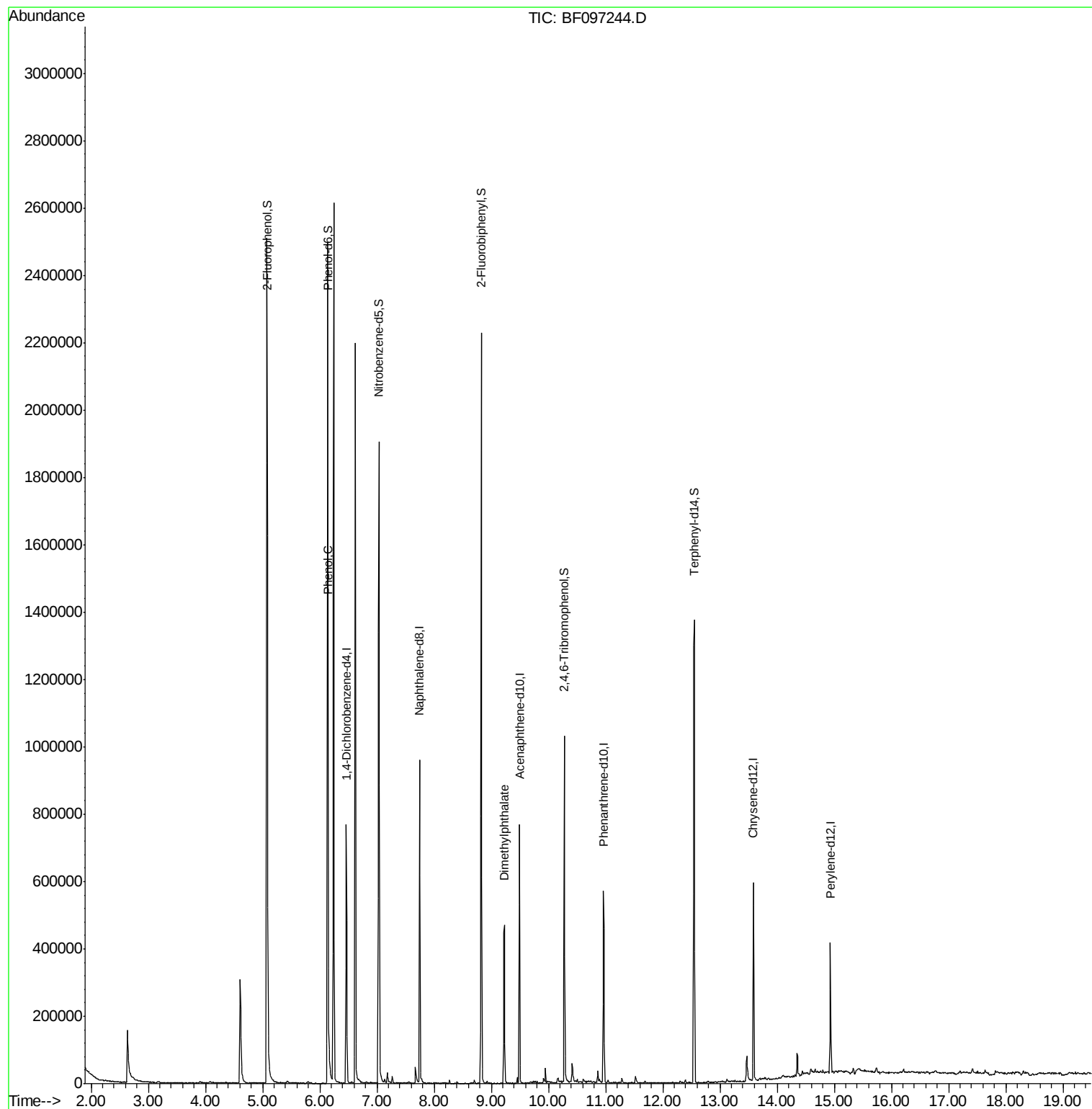
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	105347	20.00	ng	-0.04
21) Naphthalene-d8	7.75	136	407177	20.00	ng	-0.04
38) Acenaphthene-d10	9.49	164	137809	20.00	ng	-0.04
63) Phenanthrene-d10	10.96	188	197673	20.00	ng	-0.04
75) Chrysene-d12	13.59	240	203070	20.00	ng	-0.04
86) Perylene-d12	14.93	264	149840	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	773883	110.74	ng	-0.02
7) Phenol-d6	6.14	99	857280	107.46	ng	-0.03
23) Nitrobenzene-d5	7.03	82	564047	81.27	ng	-0.04
41) 2,4,6-Tribromophenol	10.28	330	109375	100.45	ng	-0.04
44) 2-Fluorobiphenyl	8.83	172	687853	84.71	ng	-0.04
78) Terphenyl-d14	12.55	244	426079	42.78	ng	-0.04
Target Compounds						
10) Phenol	6.15	94	40233	4.252	ng	95
49) Dimethylphthalate	9.23	163	193361	18.477	ng	98

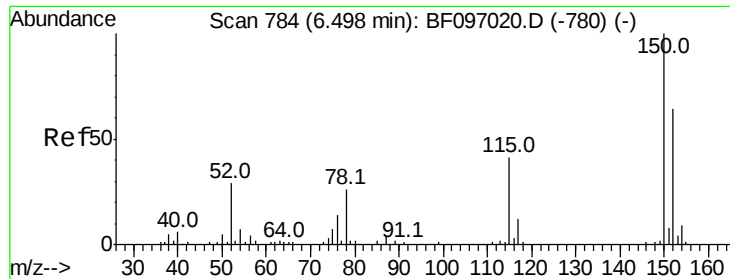
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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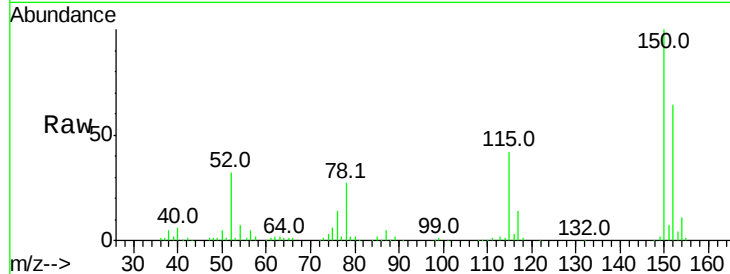


#1

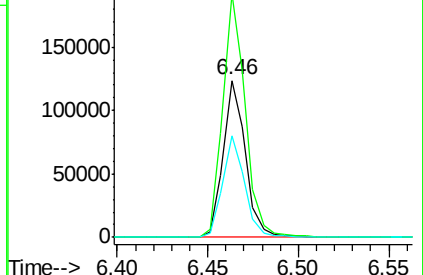
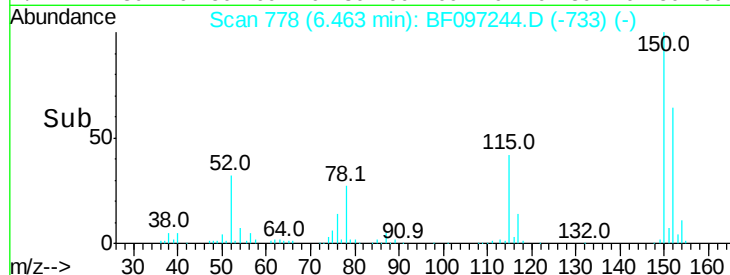
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.46 min Scan# 778
Delta R.T. -0.04 min
Lab File: BF097244.D
Acq: 1 Aug 2017 21:05

Instrument :
BNA_F
ClientSampleId :
HDD-PILWC4

Tot Ion:152 Resp: 105347
Ion Ratio Lower Upper
152 100
150 155.5 126.2 189.2
115 65.2 52.2 78.2



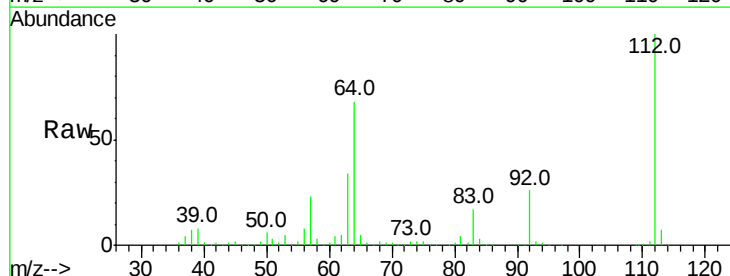
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



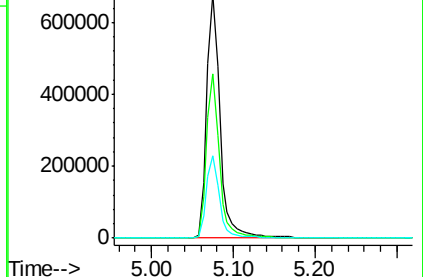
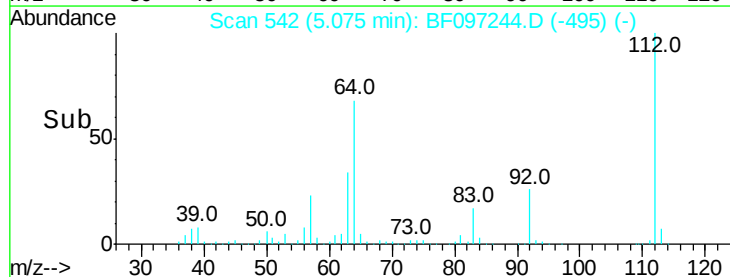
#5

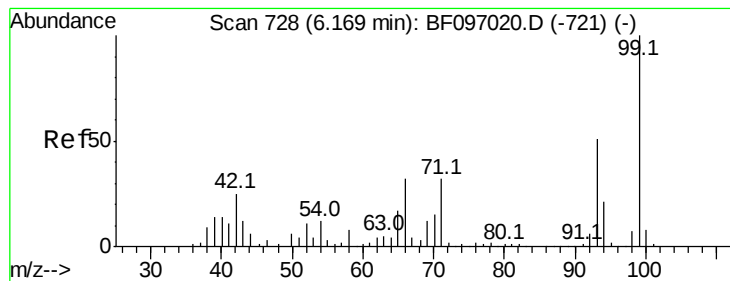
2-Fluorophenol
Concen: 110.741 ng
RT: 5.07 min Scan# 542
Delta R.T. -0.02 min
Lab File: BF097244.D
Acq: 1 Aug 2017 21:05

Tgt Ion:112 Resp: 773883
Ion Ratio Lower Upper
112 100
64 67.7 46.0 69.0
63 34.0 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: 107.457 ng

RT: 6.14 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF097244.D

Acq: 1 Aug 2017 21:05

Instrument :

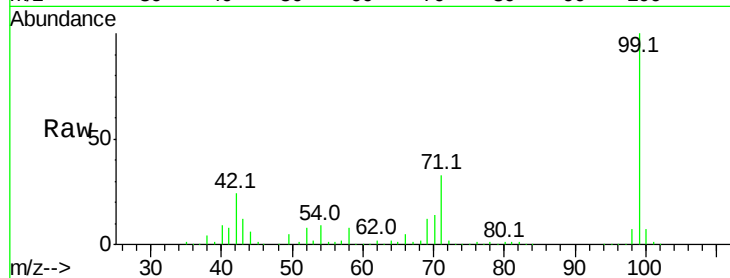
BNA_F

ClientSampleId :

HDD-PILWC4

Tot Ion: 99 Resp: 857280

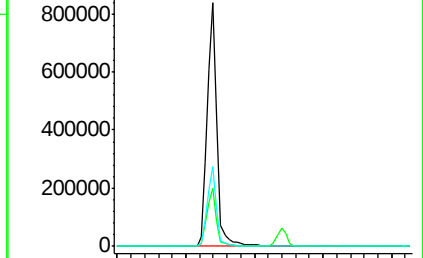
Ion	Ratio	Lower	Upper
99	100		
42	23.6	13.5	20.3#
71	32.7	24.5	36.7



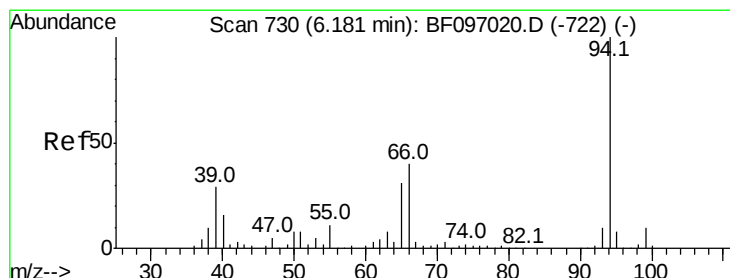
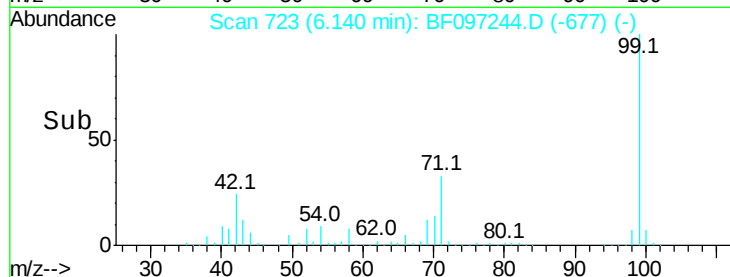
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#10

Phenol

Concen: 4.252 ng

RT: 6.15 min Scan# 725

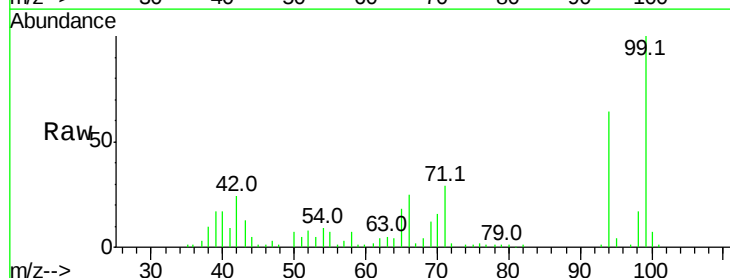
Delta R.T. -0.03 min

Lab File: BF097244.D

Acq: 1 Aug 2017 21:05

Tgt Ion: 94 Resp: 40233

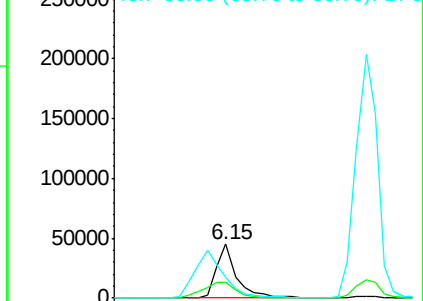
Ion	Ratio	Lower	Upper
94	100		
65	28.7	9.9	49.9
66	38.8	23.1	63.1



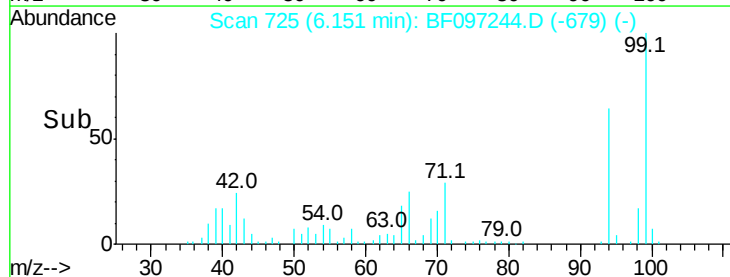
Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



Time-->





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.75 min Scan# 996

Delta R.T. -0.04 min

Lab File: BF097244.D

Acq: 1 Aug 2017 21:05

Instrument :

BNA_F

ClientSampleId :

HDD-PILWC4

Tot Ion:136 Resp: 407177

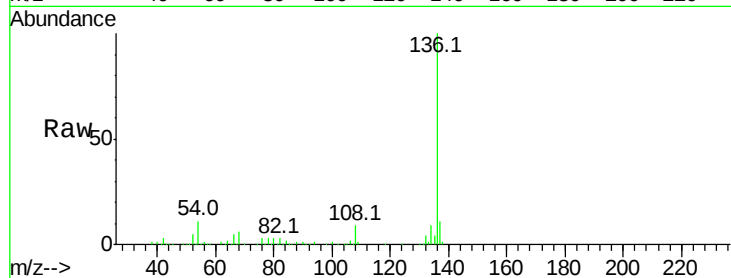
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 11.0 4.9 7.3#

68 6.3 4.1 6.1#

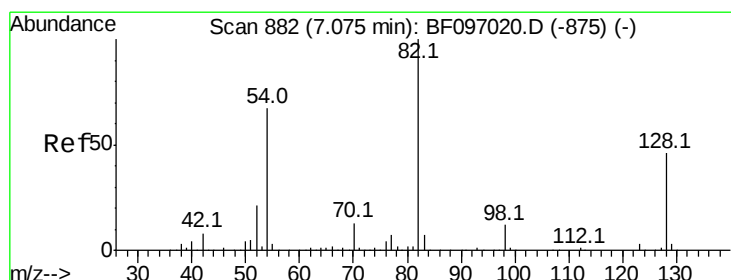
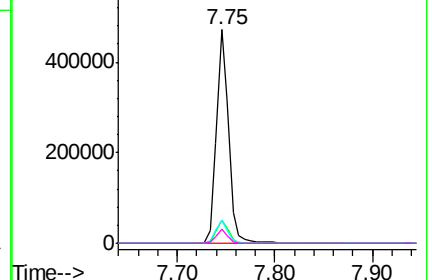
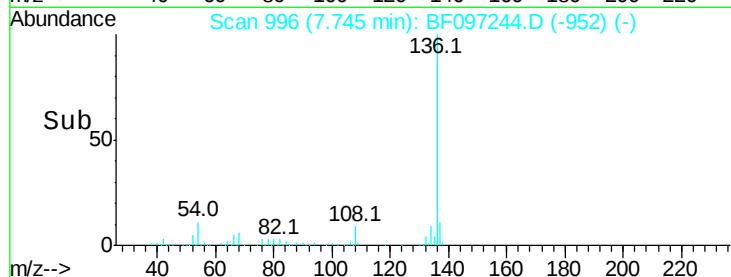


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.265 ng

RT: 7.03 min Scan# 875

Delta R.T. -0.04 min

Lab File: BF097244.D

Acq: 1 Aug 2017 21:05

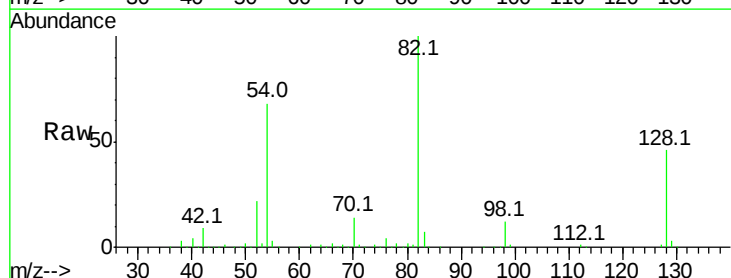
Tgt Ion: 82 Resp: 564047

Ion Ratio Lower Upper

82 100

128 45.5 34.0 51.0

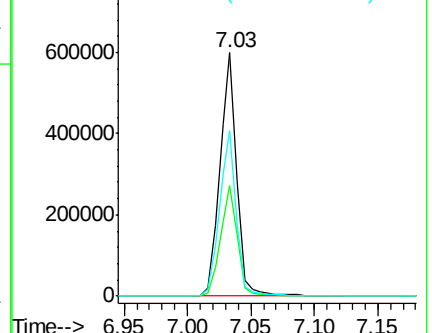
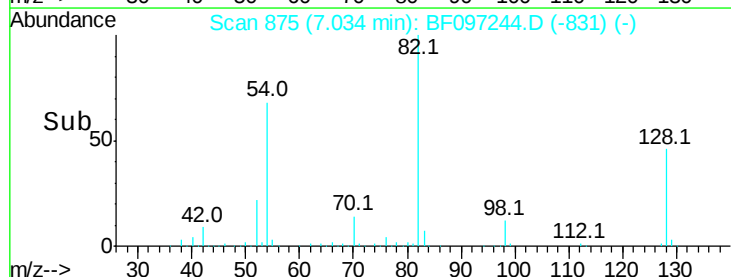
54 68.1 42.2 63.2#



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

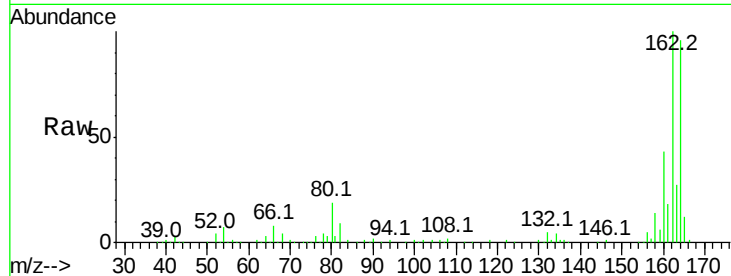




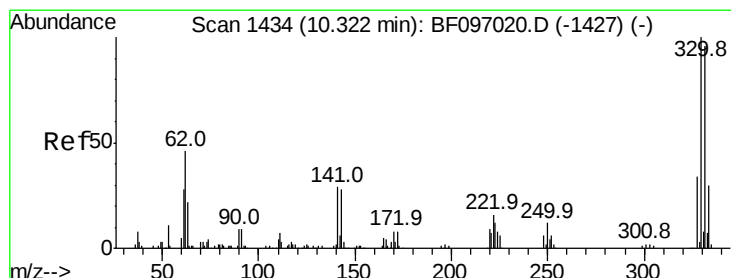
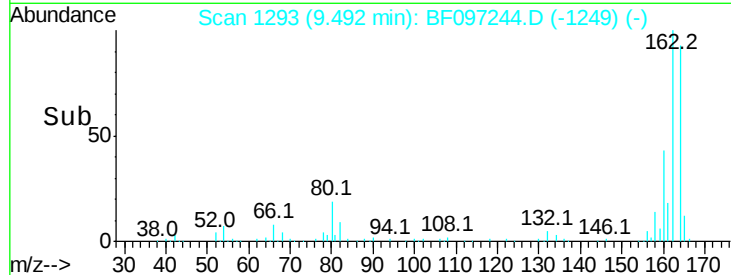
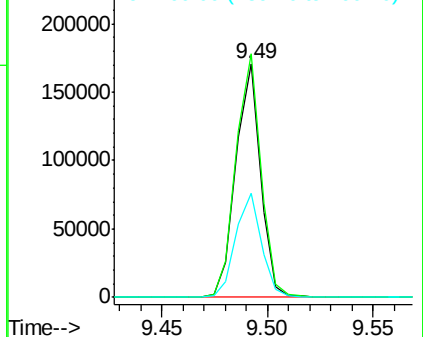
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.04 min
 Lab File: BF097244.D
 Acq: 1 Aug 2017 21:05

Instrument :
 BNA_F
 ClientSampleId :
 HDD-PILWC4

Tot Ion:164 Resp: 137809
 Ion Ratio Lower Upper
 164 100
 162 104.0 82.6 123.8
 160 44.2 36.2 54.2

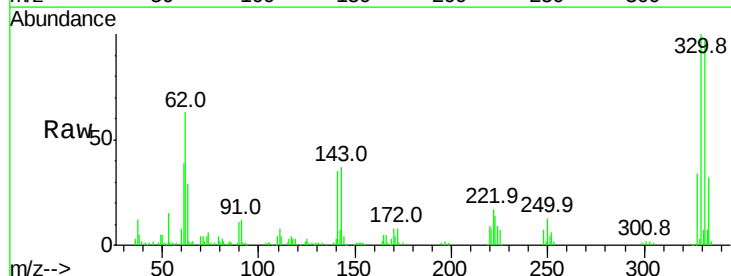


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

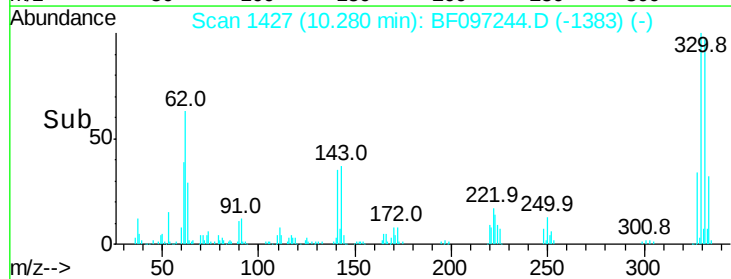
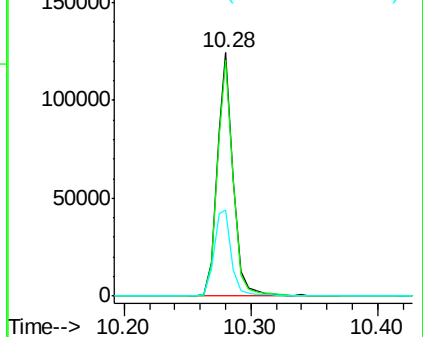


#41
 2,4,6-Tribromophenol
 Concen: 100.452 ng
 RT: 10.28 min Scan# 1427
 Delta R.T. -0.04 min
 Lab File: BF097244.D
 Acq: 1 Aug 2017 21:05

Tgt Ion:330 Resp: 109375
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 115.0
 141 39.5 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

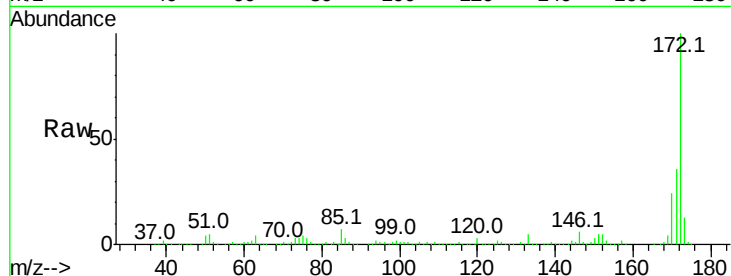




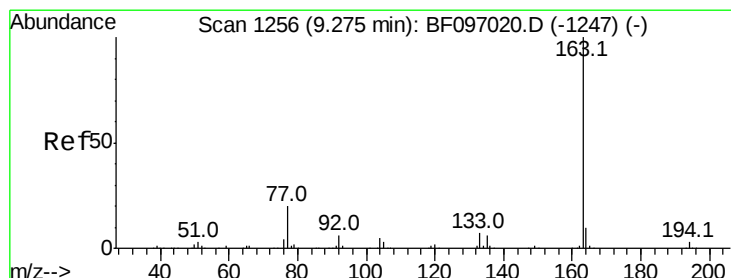
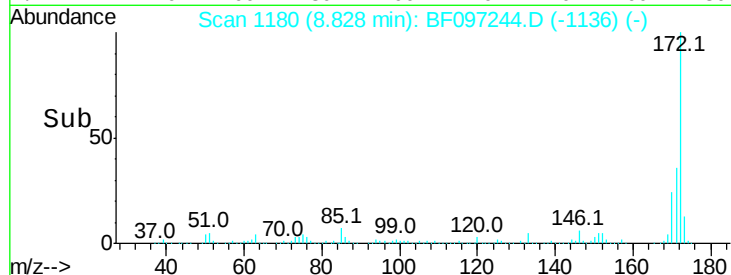
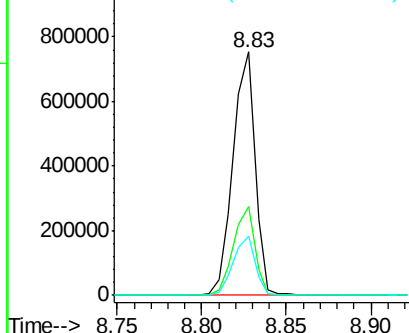
#44
 2-Fluorobiphenyl
 Concen: 84.708 ng
 RT: 8.83 min Scan# 1180
 Delta R.T. -0.04 min
 Lab File: BF097244.D
 Acq: 1 Aug 2017 21:05

Instrument :
 BNA_F
 ClientSampleId :
 HDD-PILWC4

Tot Ion:172 Resp: 687853
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.4 19.8 29.8

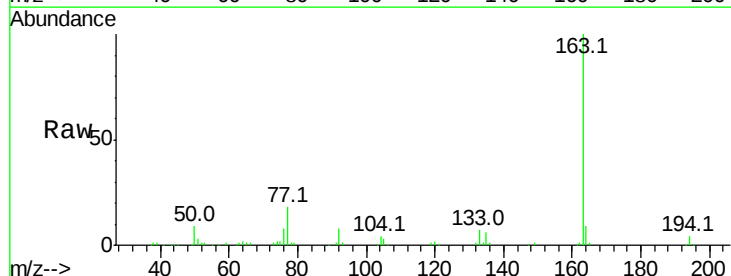


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

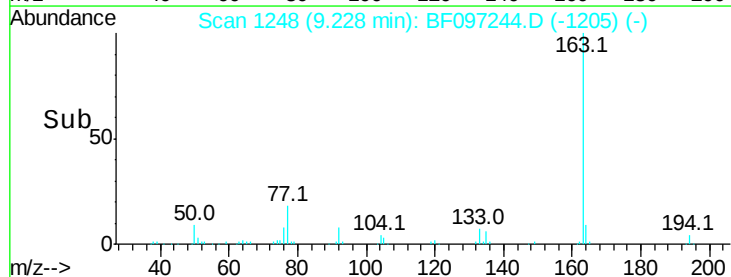
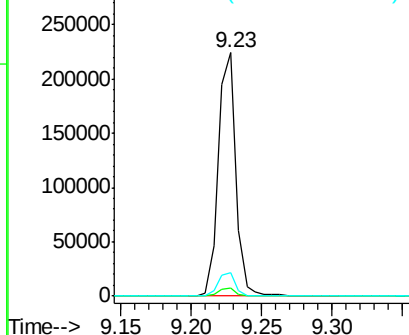


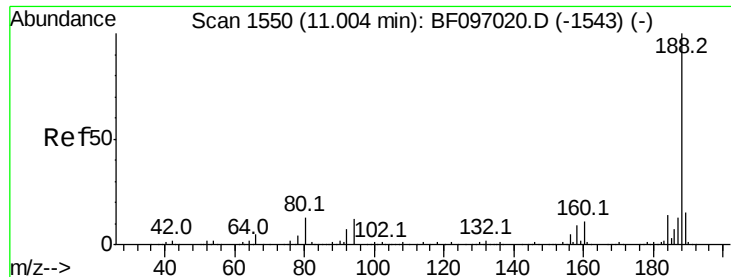
#49
 Dimethylphthalate
 Concen: 18.477 ng
 RT: 9.23 min Scan# 1248
 Delta R.T. -0.05 min
 Lab File: BF097244.D
 Acq: 1 Aug 2017 21:05

Tgt Ion:163 Resp: 193361
 Ion Ratio Lower Upper
 163 100
 194 3.5 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

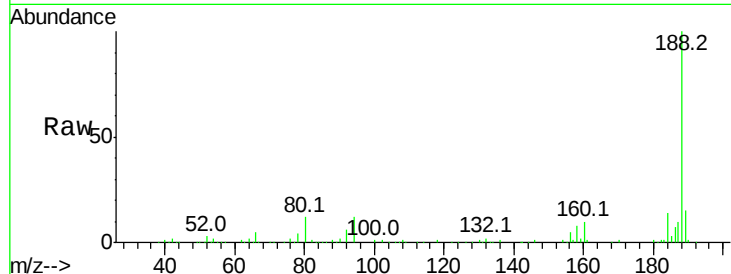




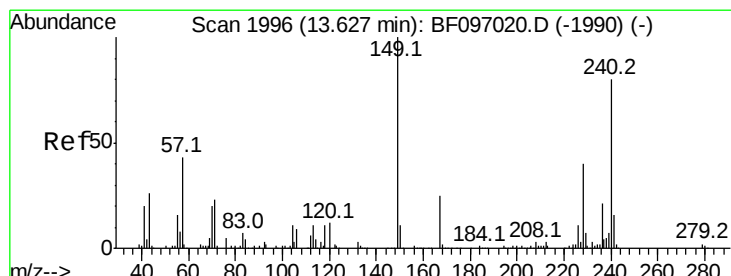
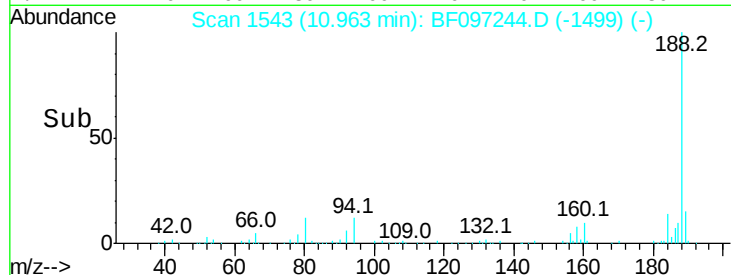
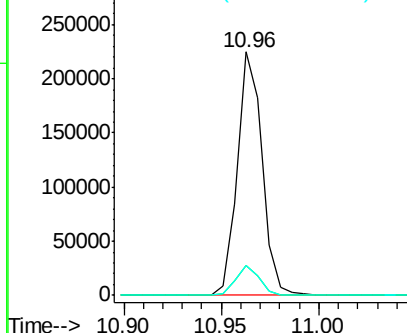
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.96 min Scan# 1543
Delta R.T. -0.04 min
Lab File: BF097244.D
Acq: 1 Aug 2017 21:05

Instrument :
BNA_F
ClientSampleId :
HDD-PILWC4

Tot Ion:188 Resp: 197673
Ion Ratio Lower Upper
188 100
94 12.1 9.4 14.2
80 12.4 10.2 15.2

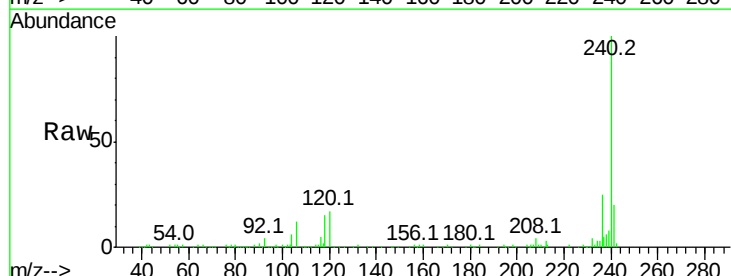


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

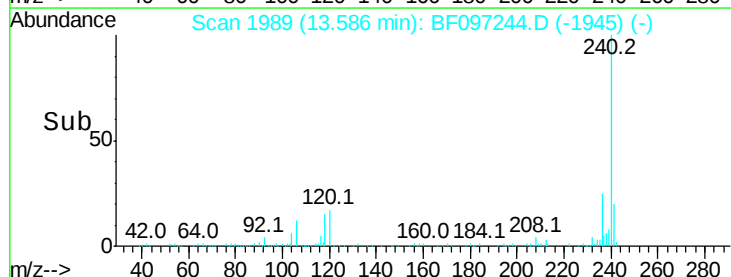
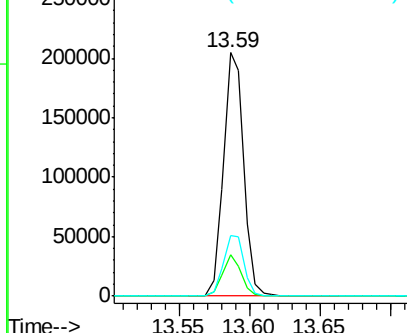


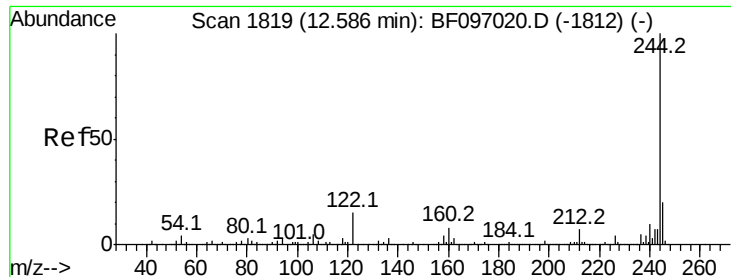
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.59 min Scan# 1989
Delta R.T. -0.04 min
Lab File: BF097244.D
Acq: 1 Aug 2017 21:05

Tgt Ion:240 Resp: 203070
Ion Ratio Lower Upper
240 100
120 17.1 5.8 8.8#
236 24.8 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: 42.779 ng

RT: 12.55 min Scan# 1813

Delta R.T. -0.04 min

Lab File: BF097244.D

Acq: 1 Aug 2017 21:05

Instrument :

BNA_F

ClientSampleId :

HDD-PILWC4

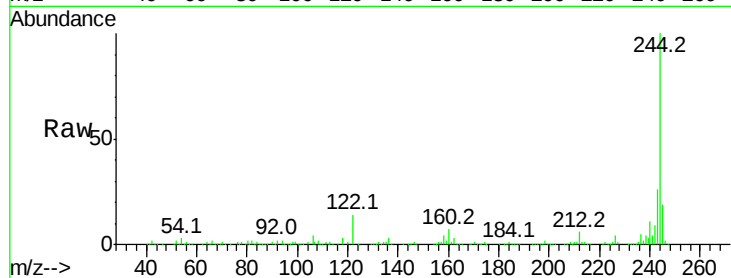
Tot Ion:244 Resp: 426079

Ion Ratio Lower Upper

244 100

212 6.3 6.0 9.0

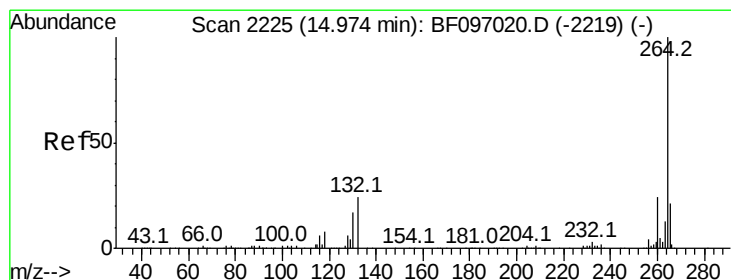
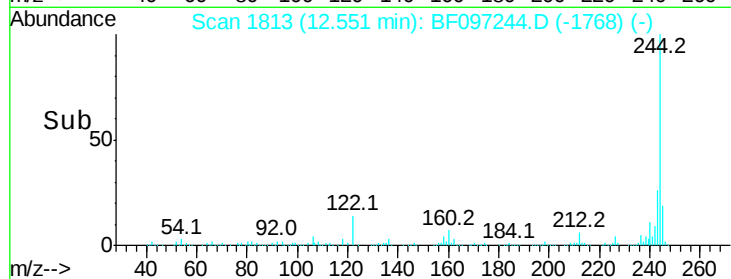
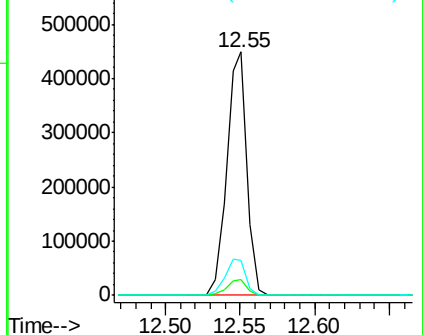
122 14.1 10.3 15.5



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: 14.93 min Scan# 2218

Delta R.T. -0.04 min

Lab File: BF097244.D

Acq: 1 Aug 2017 21:05

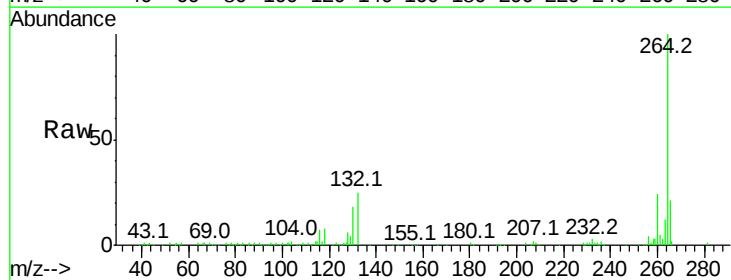
Tgt Ion:264 Resp: 149840

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 21.4 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

