

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
 Data File : BF097236.D
 Acq On : 1 Aug 2017 17:24
 Operator : SJ/JU
 Sample : I4512-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HDD-PILWC4

Quant Time: Aug 02 04:07:27 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	87830	20.00	ng	-0.04
21) Naphthalene-d8	7.75	136	341235	20.00	ng	-0.04
38) Acenaphthene-d10	9.49	164	126420	20.00	ng	-0.04
63) Phenanthrene-d10	10.96	188	178526	20.00	ng	-0.04
75) Chrysene-d12	13.59	240	186891	20.00	ng	-0.04
86) Perylene-d12	14.93	264	147439	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	751154	128.93	ng	-0.01
7) Phenol-d6	6.14	99	736290	110.70	ng	-0.03
23) Nitrobenzene-d5	7.03	82	494109	84.95	ng	-0.04
41) 2,4,6-Tribromophenol	10.28	330	122100	122.24	ng	-0.04
44) 2-Fluorobiphenyl	8.83	172	723303	97.10	ng	-0.04
78) Terphenyl-d14	12.55	244	572297	62.43	ng	-0.04

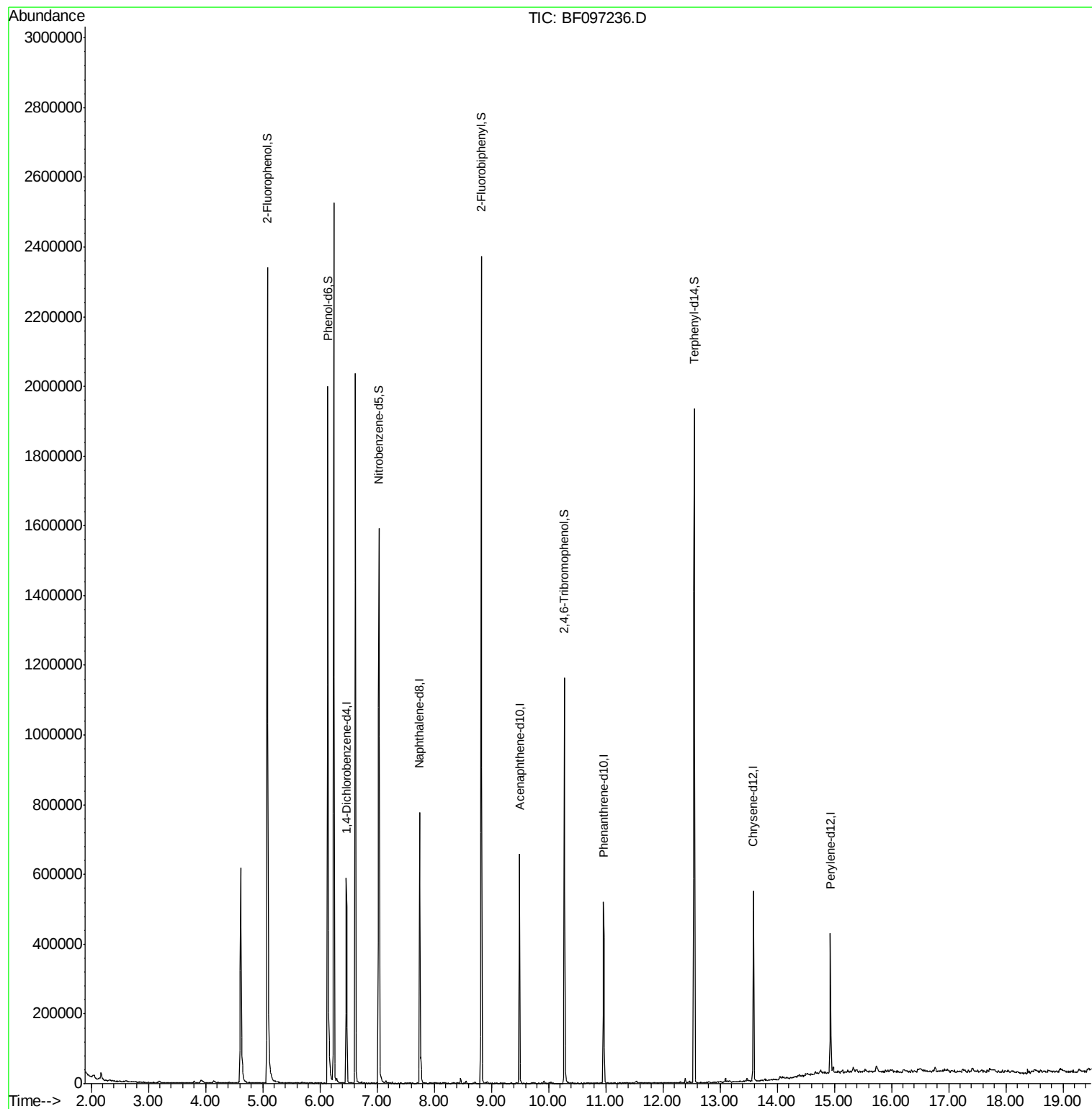
Target Compounds Qvalue

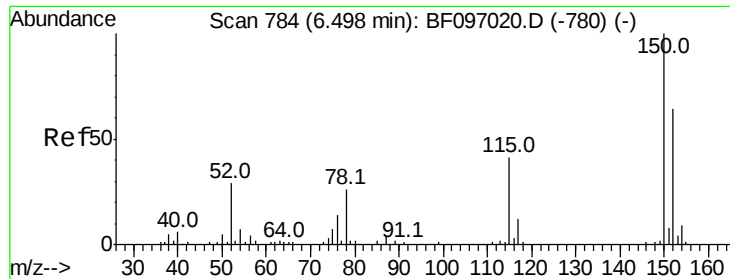
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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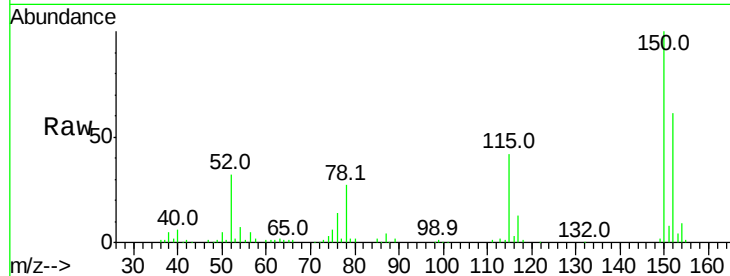


#1

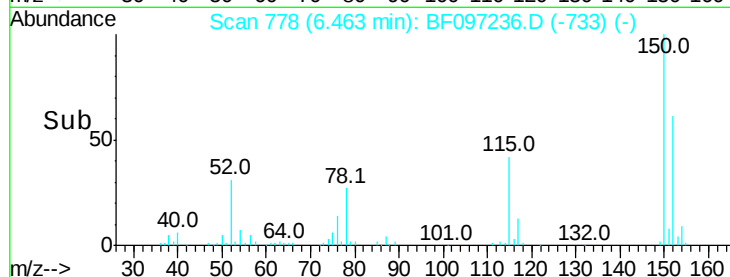
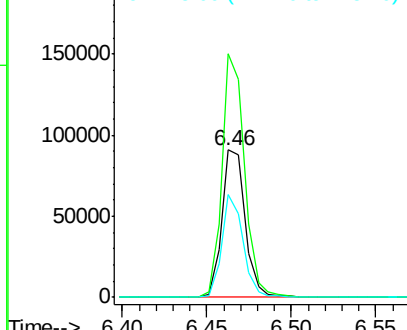
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.46 min Scan# 778
Delta R.T. -0.04 min
Lab File: BF097236.D
Acq: 1 Aug 2017 17:24

Instrument :
BNA_F
ClientSampleId :
HDD-PILWC4

Tot Ion:152 Resp: 87830
Ion Ratio Lower Upper
152 100
150 165.1 126.2 189.2
115 69.5 52.2 78.2



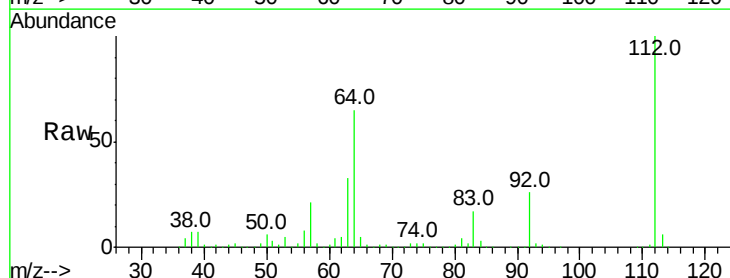
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



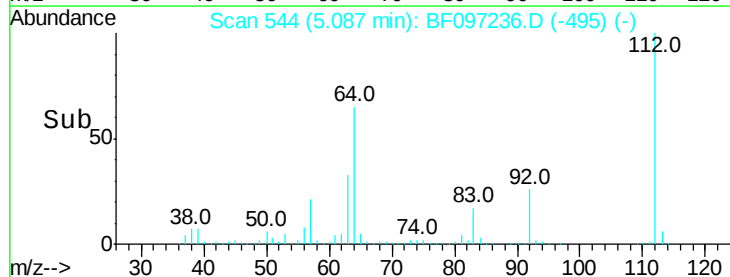
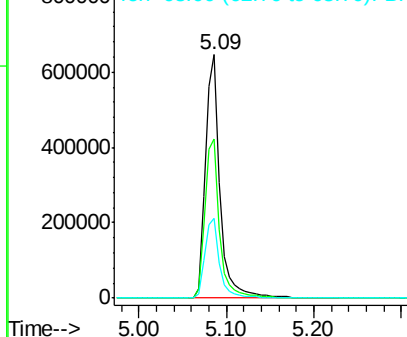
#5

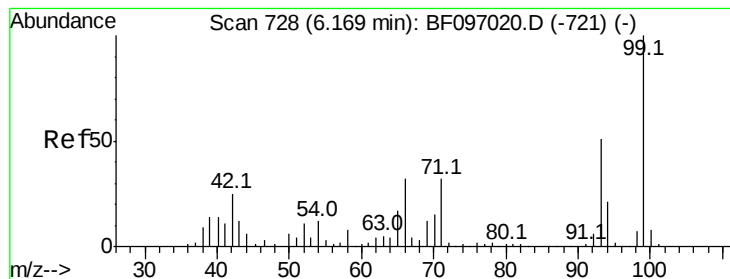
2-Fluorophenol
Concen: 128.926 ng
RT: 5.09 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF097236.D
Acq: 1 Aug 2017 17:24

Tgt Ion:112 Resp: 751154
Ion Ratio Lower Upper
112 100
64 65.3 46.0 69.0
63 32.7 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: 110.698 ng

RT: 6.14 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF097236.D

Acq: 1 Aug 2017 17:24

Instrument :

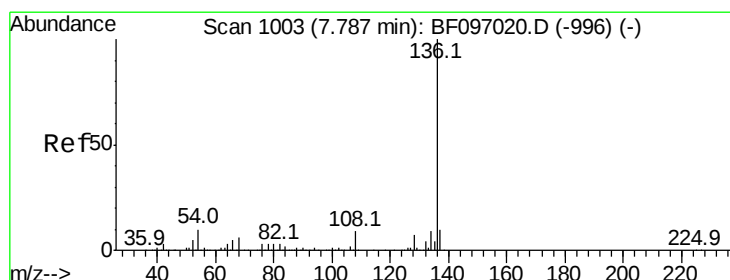
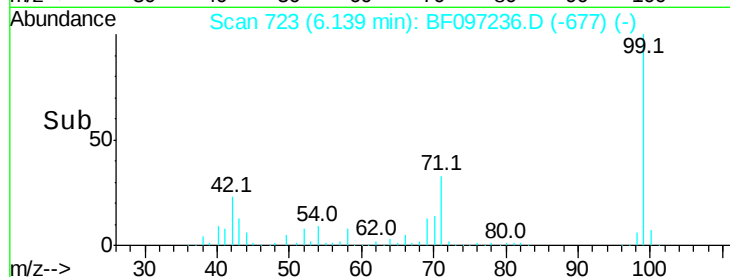
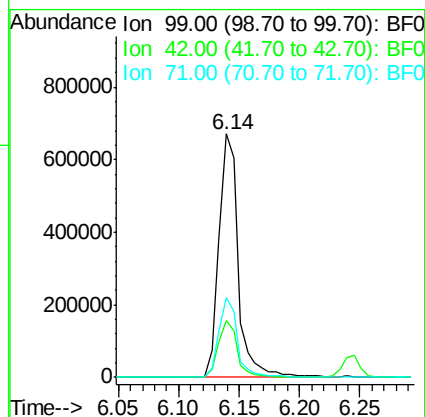
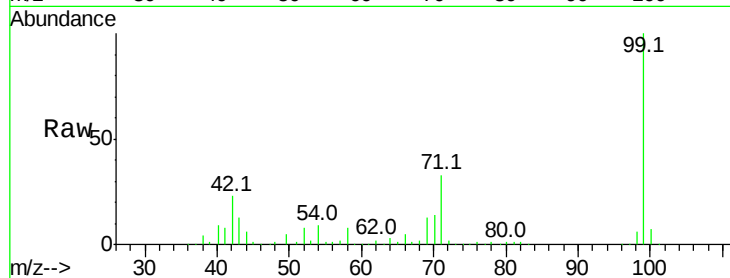
BNA_F

ClientSampleId :

HDD-PILWC4

Tot Ion: 99 Resp: 736290

Ion	Ratio	Lower	Upper
99	100		
42	23.3	13.5	20.3#
71	32.7	24.5	36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.75 min Scan# 996

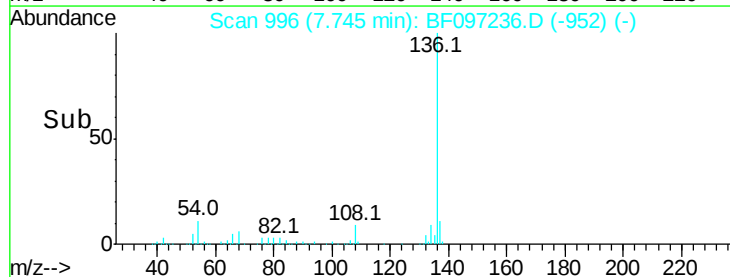
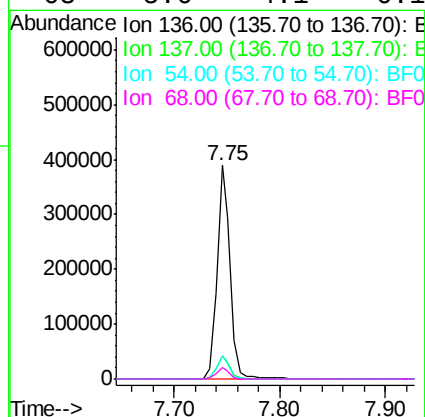
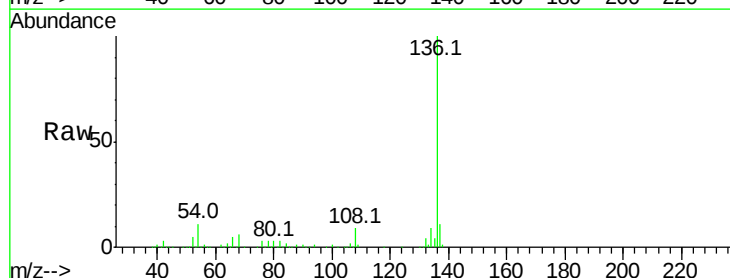
Delta R.T. -0.04 min

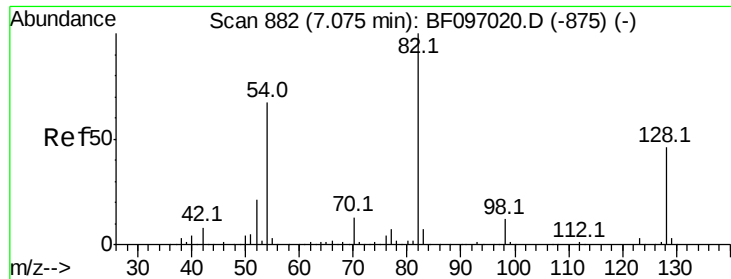
Lab File: BF097236.D

Acq: 1 Aug 2017 17:24

Tgt Ion: 136 Resp: 341235

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	10.6	4.9	7.3#
68	5.6	4.1	6.1

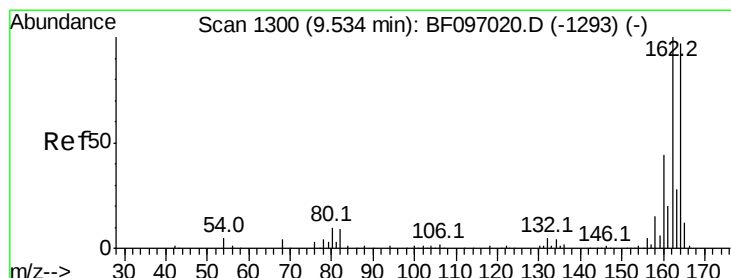
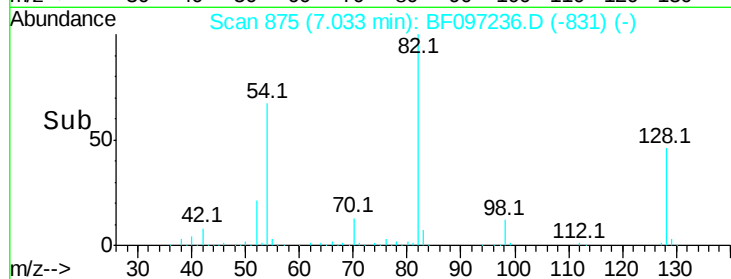
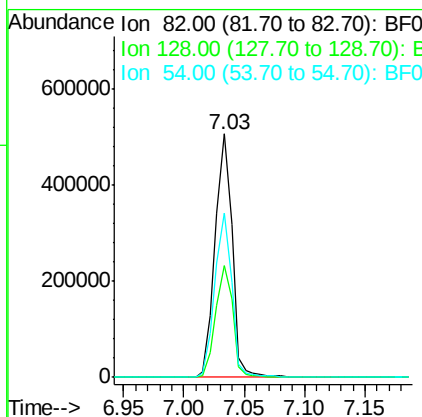
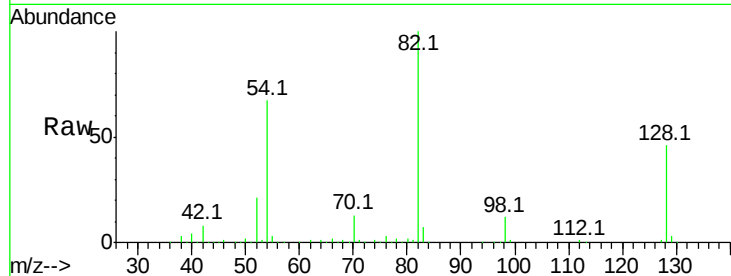




#23
Nitrobenzene-d5
Concen: 84.946 ng
RT: 7.03 min Scan# 875
Delta R.T. -0.04 min
Lab File: BF097236.D
Acq: 1 Aug 2017 17:24

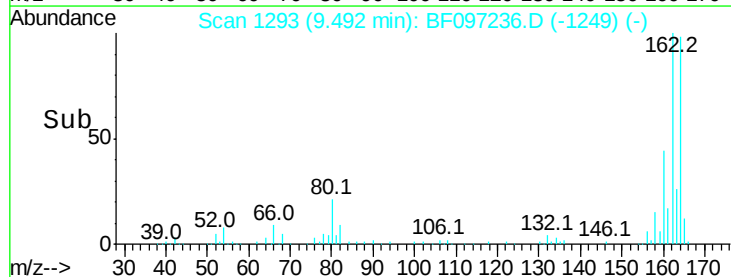
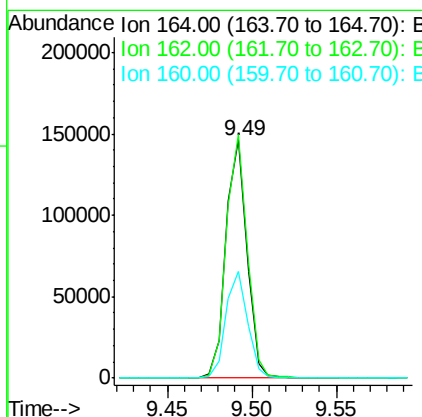
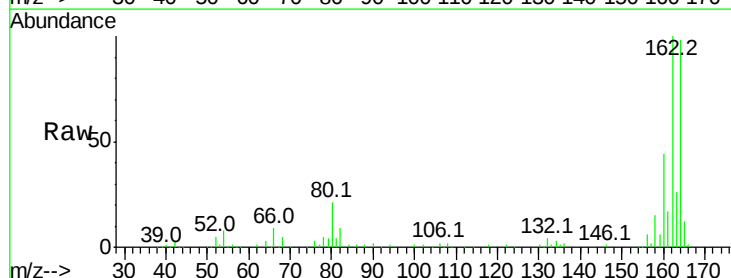
Instrument :
BNA_F
ClientSampleId :
HDD-PILWC4

Tot Ion: 82 Resp: 494109
Ion Ratio Lower Upper
82 100
128 45.8 34.0 51.0
54 67.4 42.2 63.2#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.49 min Scan# 1293
Delta R.T. -0.04 min
Lab File: BF097236.D
Acq: 1 Aug 2017 17:24

Tgt Ion:164 Resp: 126420
Ion Ratio Lower Upper
164 100
162 102.2 82.6 123.8
160 44.6 36.2 54.2

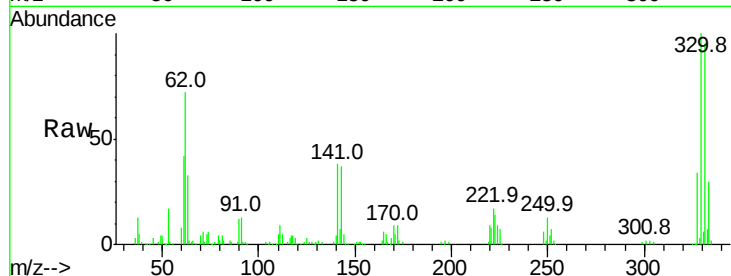




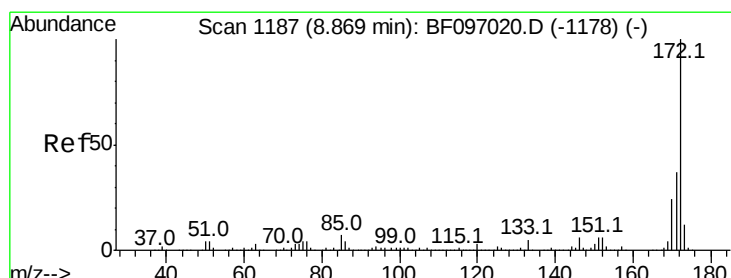
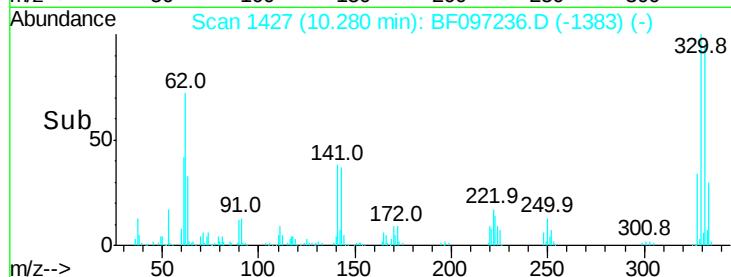
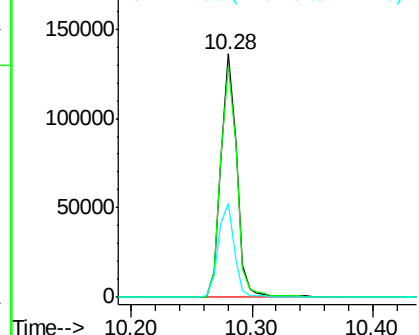
#41
 2,4,6-Tribromophenol
 Concen: 122.242 ng
 RT: 10.28 min Scan# 1427
 Delta R.T. -0.04 min
 Lab File: BF097236.D
 Acq: 1 Aug 2017 17:24

Instrument :
 BNA_F
 ClientSampleId :
 HDD-PILWC4

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	115.0
141	39.2	31.4	47.2

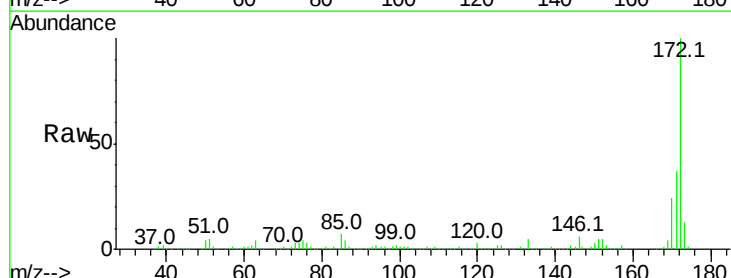


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

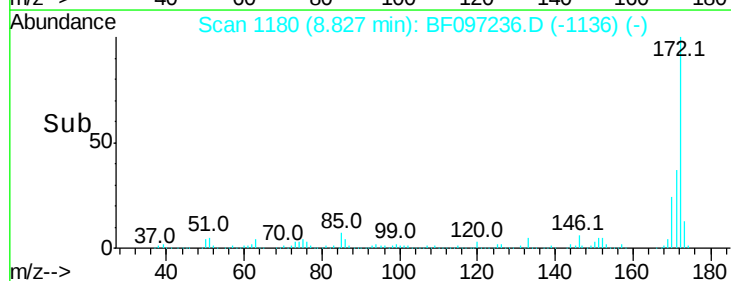
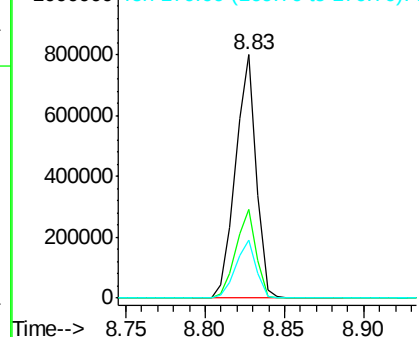


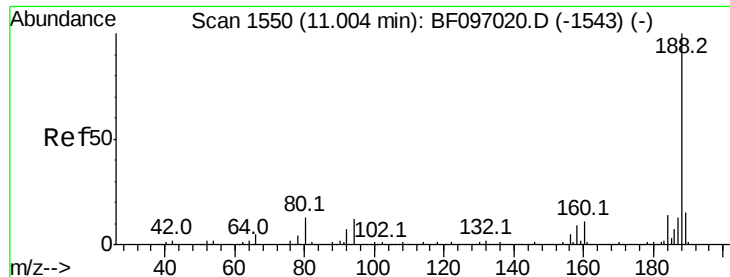
#44
 2-Fluorobiphenyl
 Concen: 97.098 ng
 RT: 8.83 min Scan# 1180
 Delta R.T. -0.04 min
 Lab File: BF097236.D
 Acq: 1 Aug 2017 17:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	23.8	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

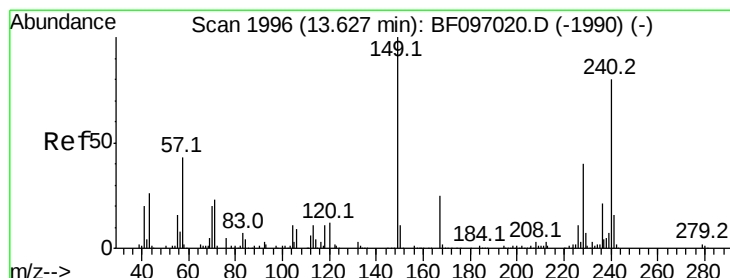
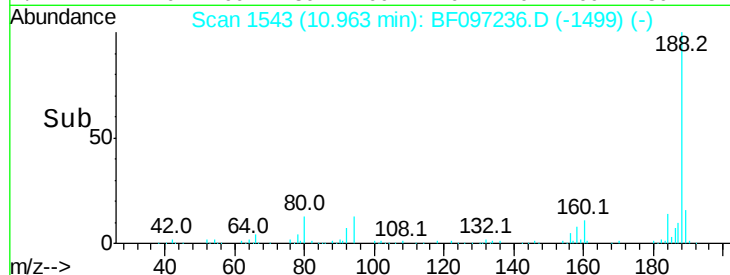
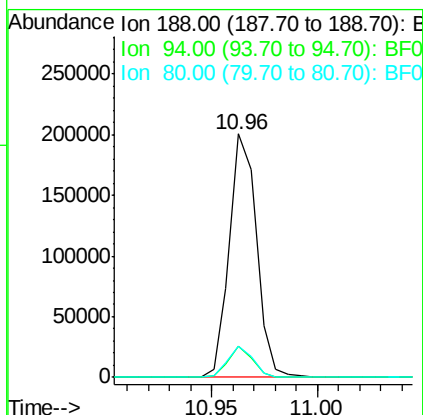
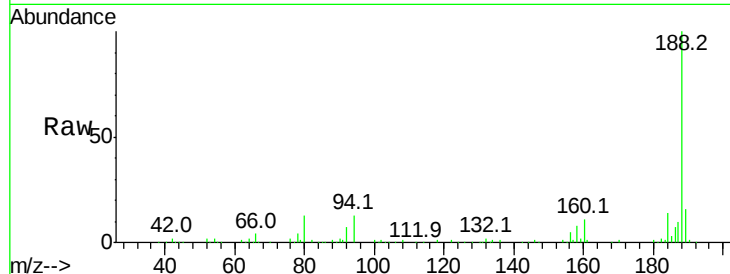




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.96 min Scan# 1543
Delta R.T. -0.04 min
Lab File: BF097236.D
Acq: 1 Aug 2017 17:24

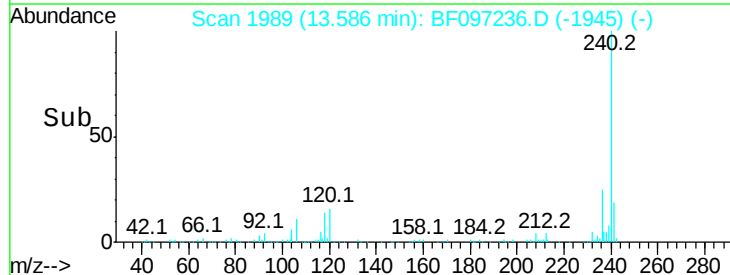
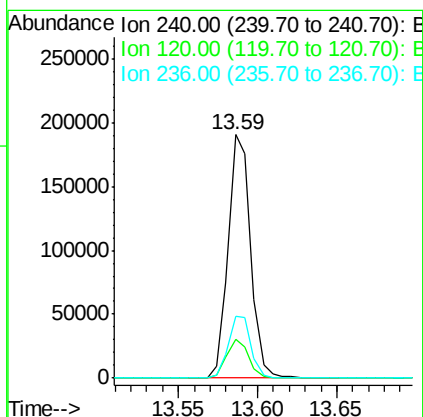
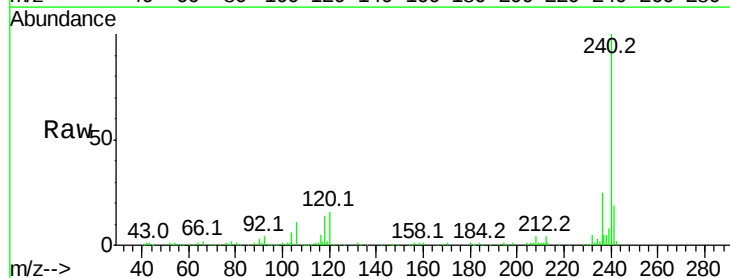
Instrument :
BNA_F
ClientSampleId :
HDD-PILWC4

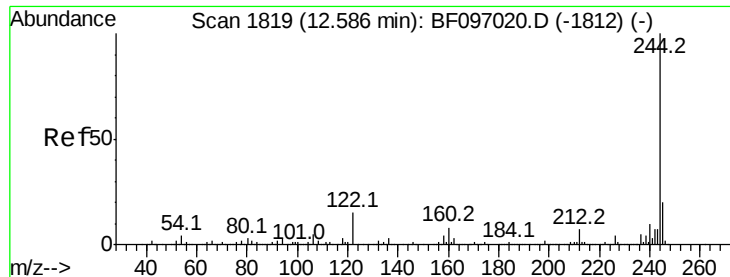
Tot Ion:188 Resp: 178526
Ion Ratio Lower Upper
188 100
94 12.6 9.4 14.2
80 12.7 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.59 min Scan# 1989
Delta R.T. -0.04 min
Lab File: BF097236.D
Acq: 1 Aug 2017 17:24

Tgt Ion:240 Resp: 186891
Ion Ratio Lower Upper
240 100
120 16.1 5.8 8.8#
236 25.5 20.5 30.7





#78

Terphenyl-d14

Concen: 62.434 ng

RT: 12.55 min Scan# 1813

Delta R.T. -0.04 min

Lab File: BF097236.D

Acq: 1 Aug 2017 17:24

Instrument :

BNA_F

ClientSampleId :

HDD-PILWC4

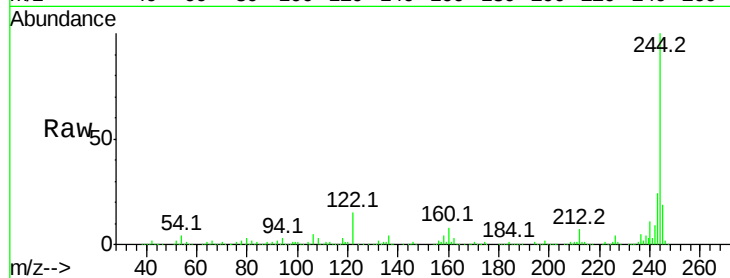
Tot Ion:244 Resp: 572297

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

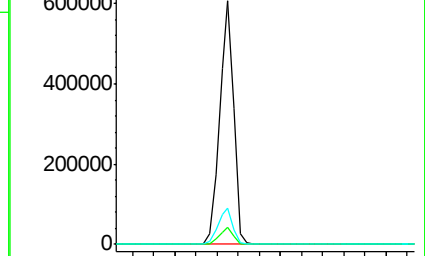
122 14.9 10.3 15.5



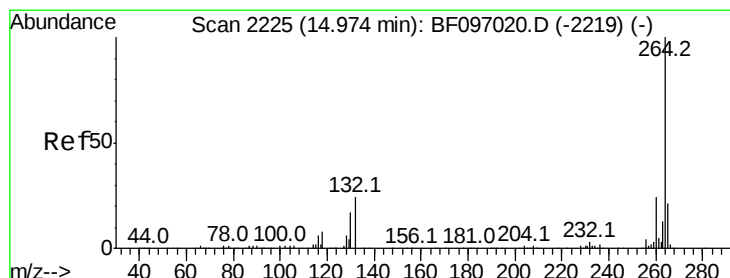
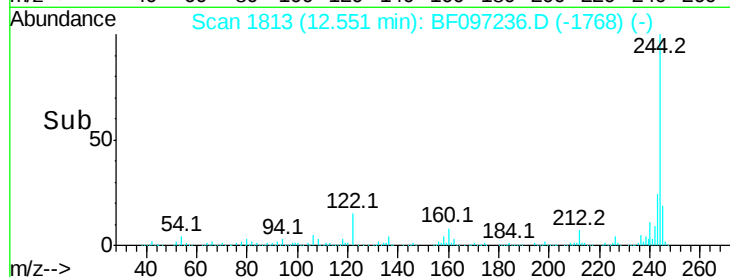
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 14.93 min Scan# 2218

Delta R.T. -0.04 min

Lab File: BF097236.D

Acq: 1 Aug 2017 17:24

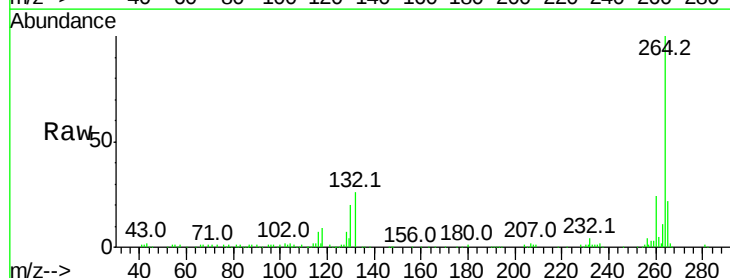
Tgt Ion:264 Resp: 147439

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

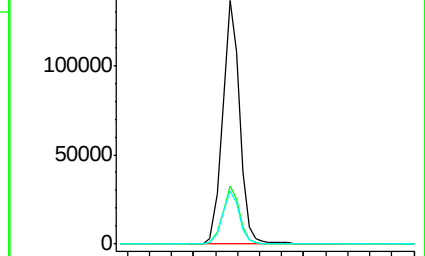
265 21.7 17.2 25.8



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



Time-->

