

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
 Data File : BF096995.D
 Acq On : 24 Jul 2017 19:57
 Operator : SJ/JU
 Sample : PB100872BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB100872BL

Quant Time: Jul 25 02:13:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:37:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	121697	20.00	ng	-0.03
21) Naphthalene-d8	7.79	136	451286	20.00	ng	-0.04
38) Acenaphthene-d10	9.54	164	200805	20.00	ng	-0.04
63) Phenanthrene-d10	11.02	188	352035	20.00	ng	-0.04
75) Chrysene-d12	13.64	240	308964	20.00	ng	-0.04
86) Perylene-d12	14.99	264	189244	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	766595	94.71	ng	-0.02
7) Phenol-d6	6.18	99	960833	98.92	ng	-0.04
23) Nitrobenzene-d5	7.08	82	513755	70.51	ng	-0.04
41) 2,4,6-Tribromophenol	10.33	330	162082	94.56	ng	-0.04
44) 2-Fluorobiphenyl	8.87	172	894210	70.36	ng	-0.04
78) Terphenyl-d14	12.60	244	755055	42.38	ng	-0.03

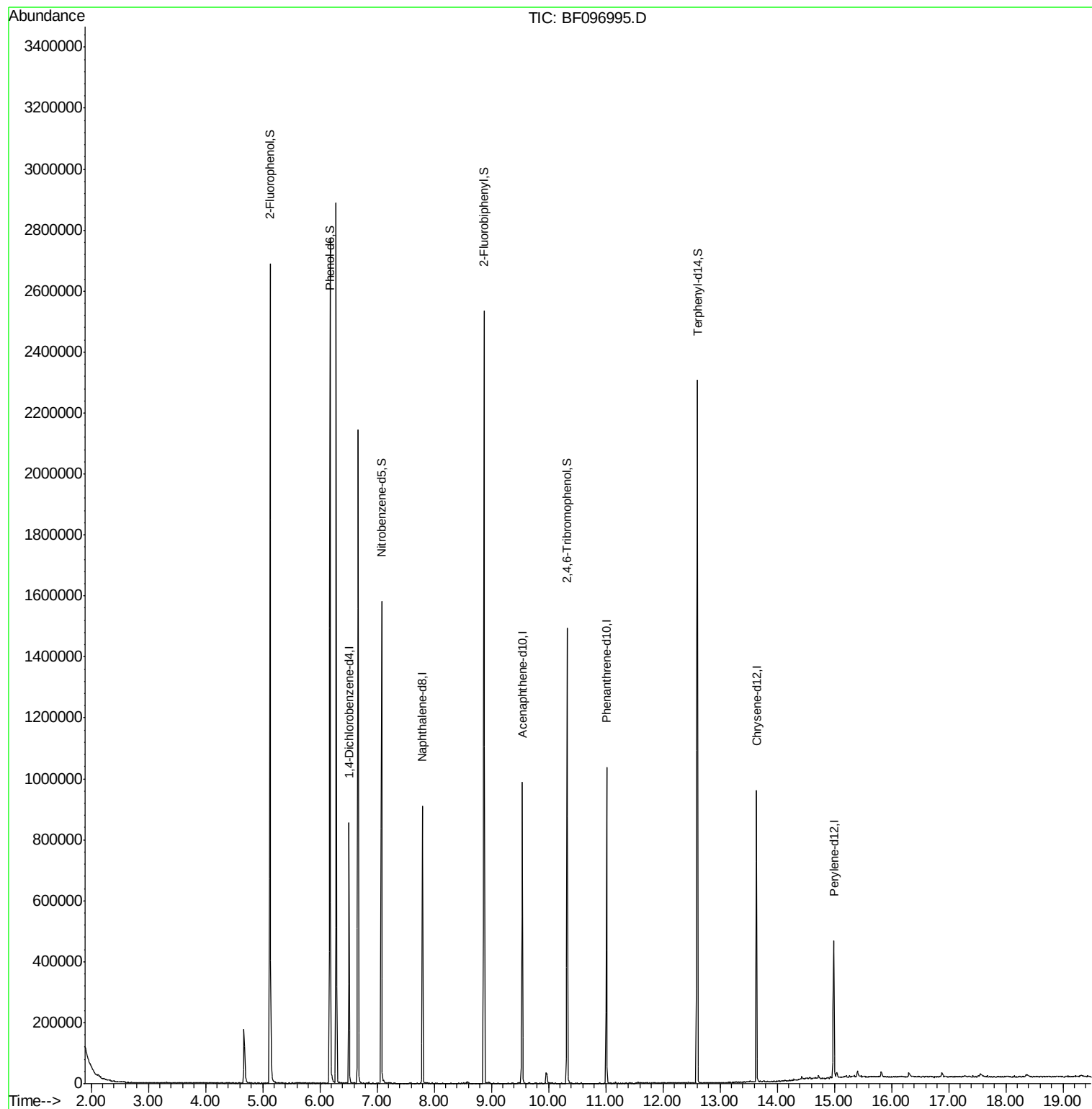
Target Compounds Qvalue

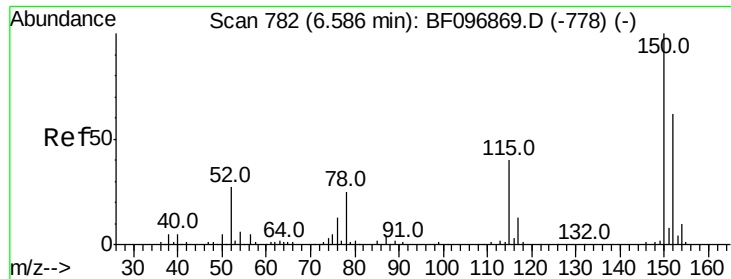
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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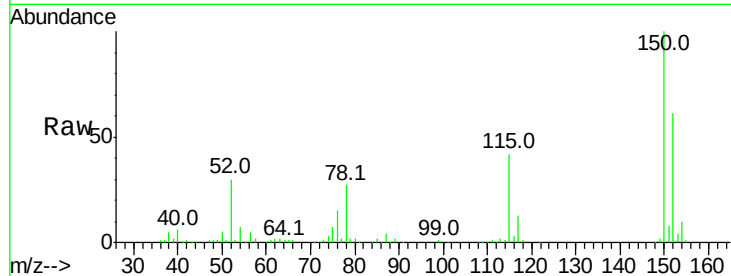


#1

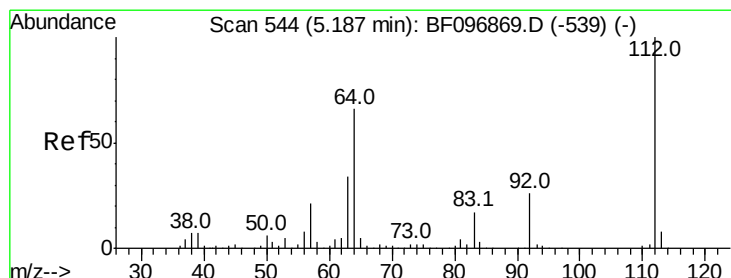
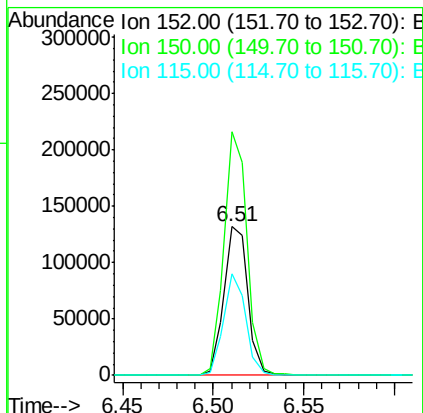
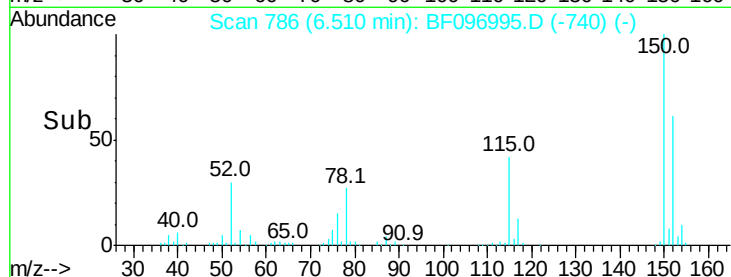
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.51 min Scan# 786
 Delta R.T. -0.03 min
 Lab File: BF096995.D
 Acq: 24 Jul 2017 19:57

Instrument :
 BNA_F
 ClientSampleId :
 PB100872BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.6	126.2	189.2
115	68.1	52.2	78.2



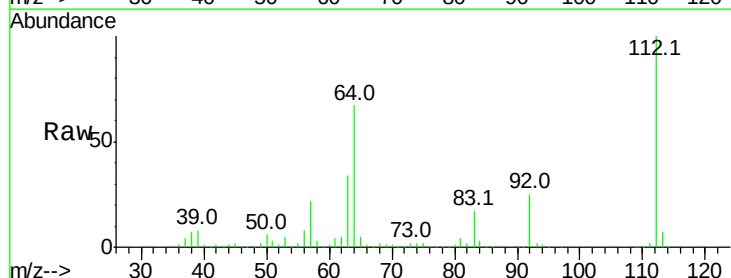
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



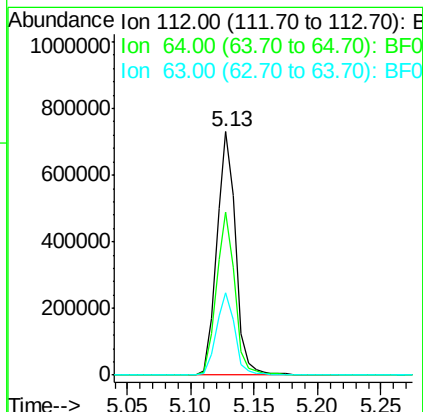
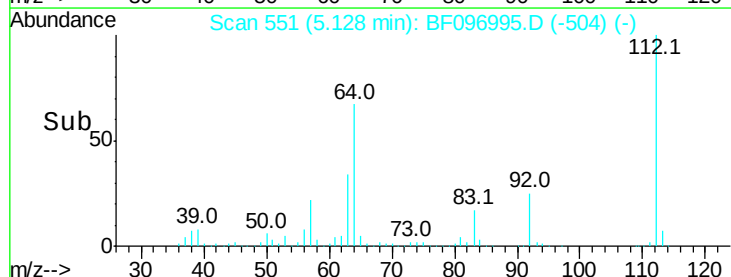
#5

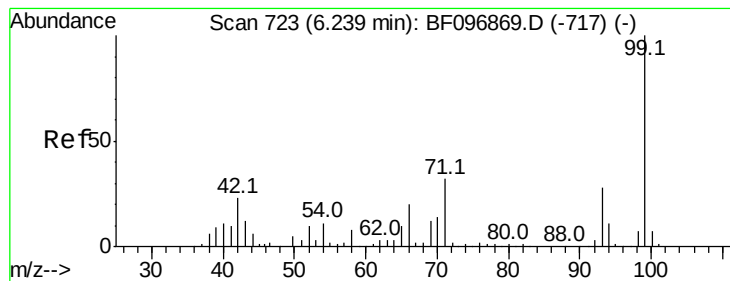
2-Fluorophenol
 Concen: 94.714 ng
 RT: 5.13 min Scan# 551
 Delta R.T. -0.02 min
 Lab File: BF096995.D
 Acq: 24 Jul 2017 19:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.8	46.0	69.0
63	33.8	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: 98.925 ng

RT: 6.18 min Scan# 730

Delta R.T. -0.04 min

Lab File: BF096995.D

Acq: 24 Jul 2017 19:57

Instrument :

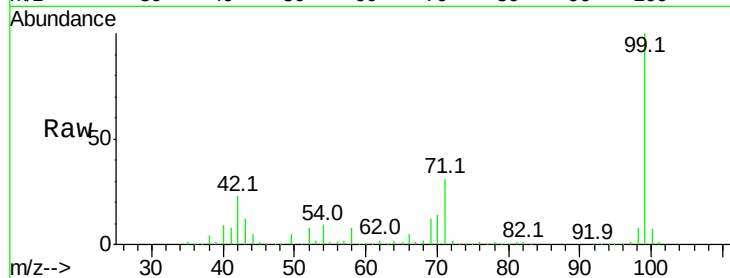
BNA_F

ClientSampleId :

PB100872BL

Tot Ion: 99 Resp: 960833

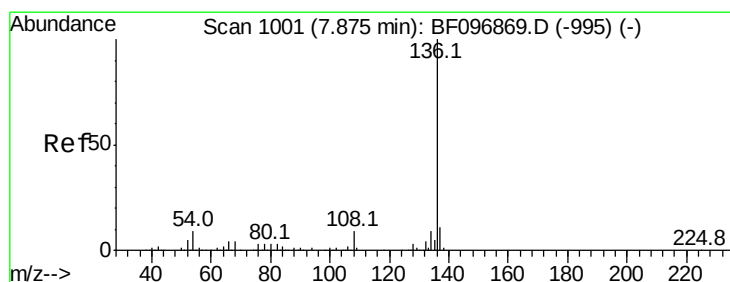
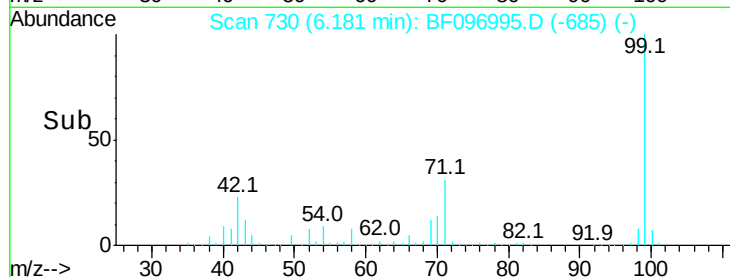
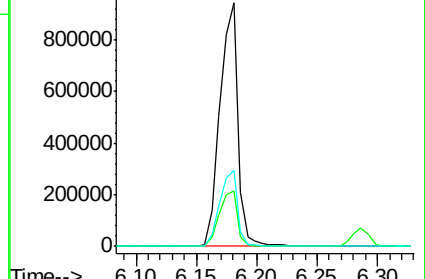
Ion	Ratio	Lower	Upper
99	100		
42	22.6	13.5	20.3#
71	31.1	24.5	36.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.79 min Scan# 1004

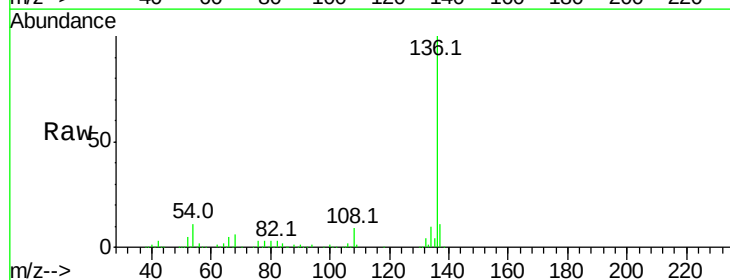
Delta R.T. -0.04 min

Lab File: BF096995.D

Acq: 24 Jul 2017 19:57

Tgt Ion: 136 Resp: 451286

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	11.2	4.9	7.3#
68	5.7	4.1	6.1

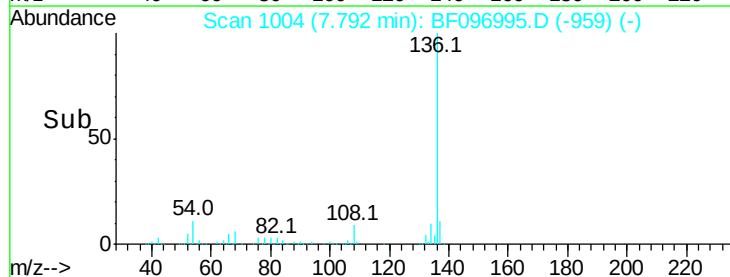
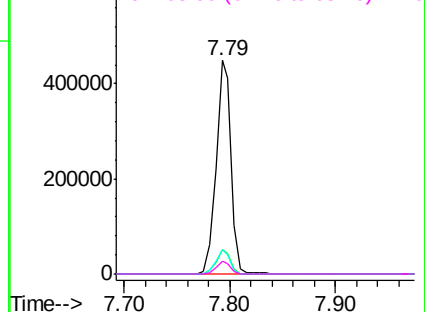


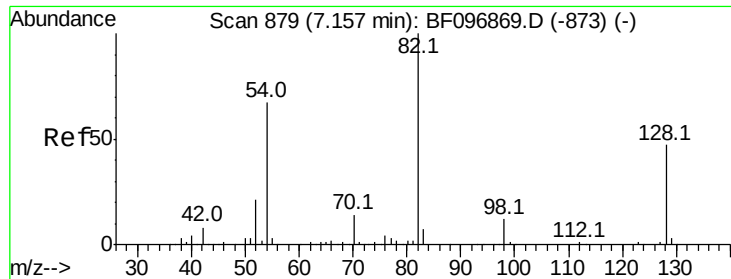
Abundance Ion 136.00 (135.70 to 136.70): E

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

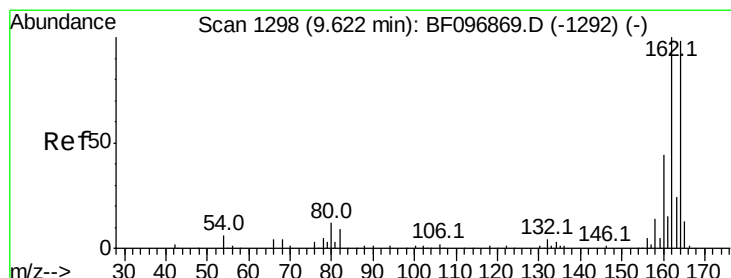
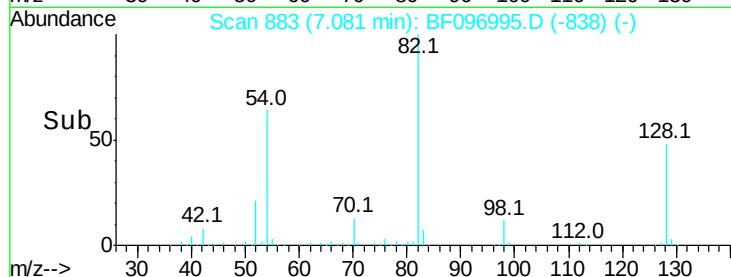
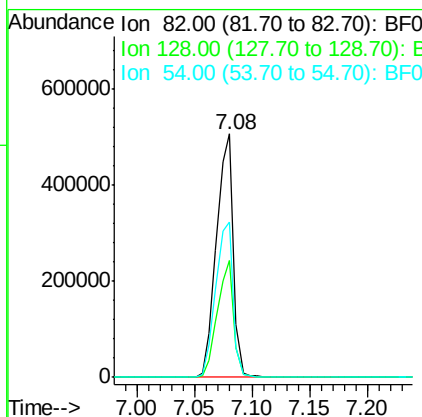
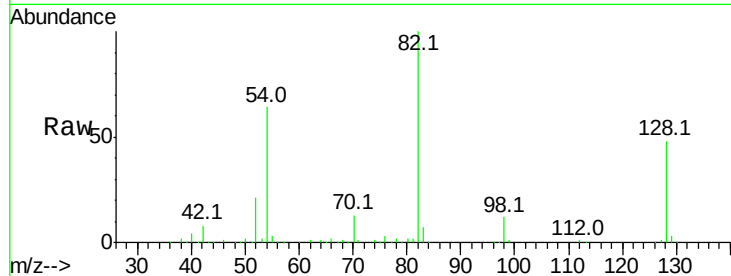




#23
Nitrobenzene-d5
Concen: 70.515 ng
RT: 7.08 min Scan# 883
Delta R.T. -0.04 min
Lab File: BF096995.D
Acq: 24 Jul 2017 19:57

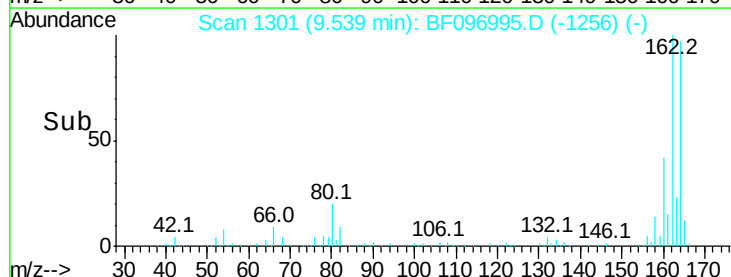
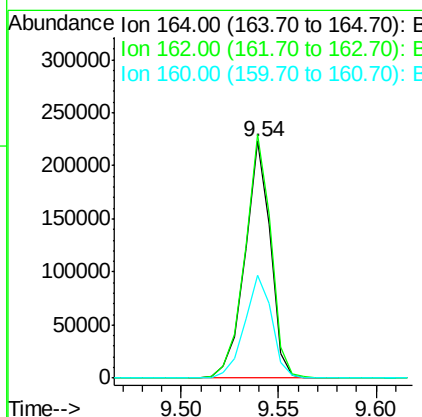
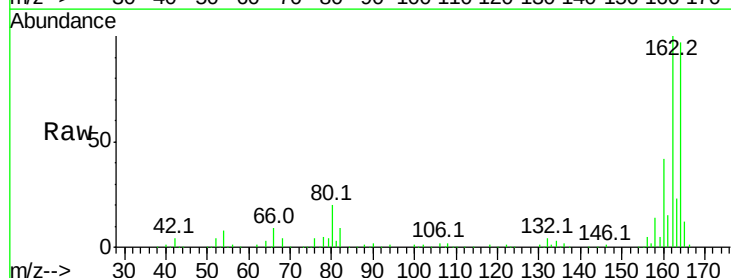
Instrument :
BNA_F
ClientSampleId :
PB100872BL

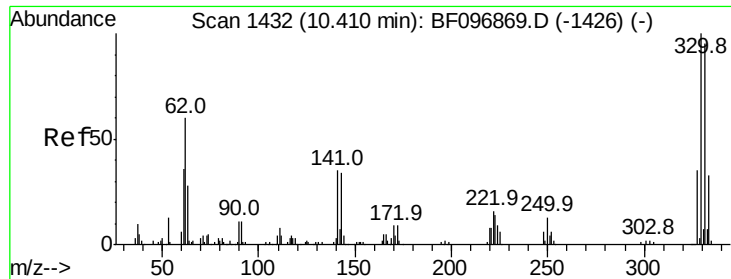
Tot Ion: 82 Resp: 513755
Ion Ratio Lower Upper
82 100
128 48.1 34.0 51.0
54 63.8 42.2 63.2#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.54 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BF096995.D
Acq: 24 Jul 2017 19:57

Tgt Ion:164 Resp: 200805
Ion Ratio Lower Upper
164 100
162 102.9 82.6 123.8
160 43.4 36.2 54.2

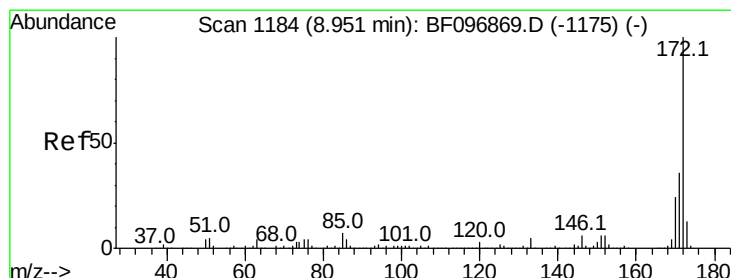
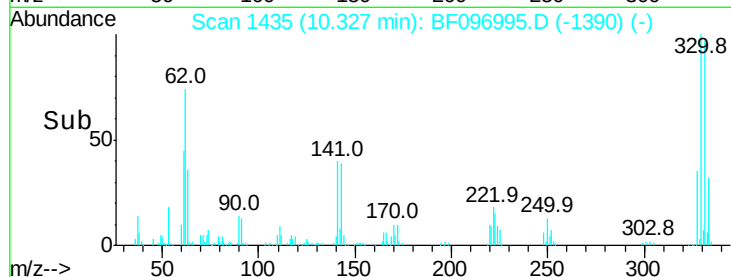
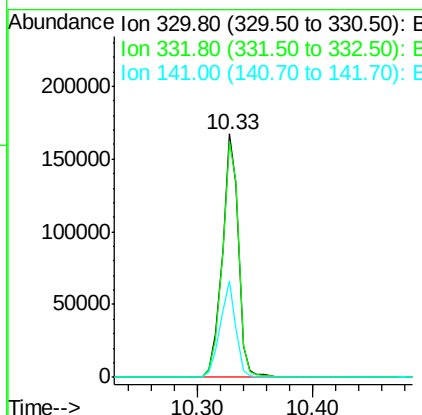
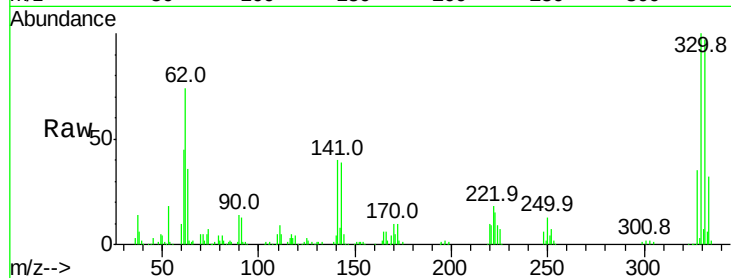




#41
 2,4,6-Tribromophenol
 Concen: 94.561 ng
 RT: 10.33 min Scan# 1435
 Delta R.T. -0.04 min
 Lab File: BF096995.D
 Acq: 24 Jul 2017 19:57

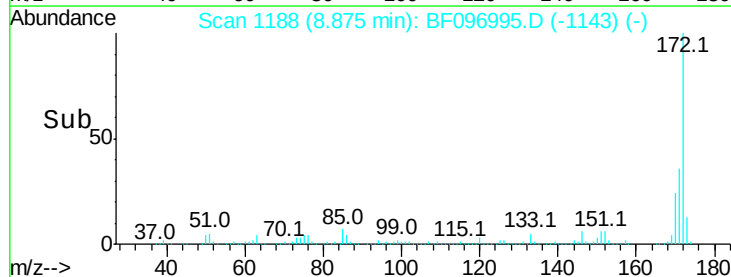
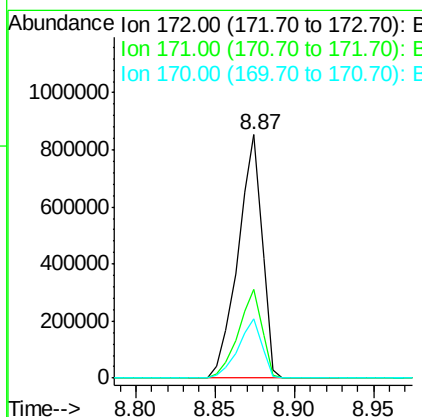
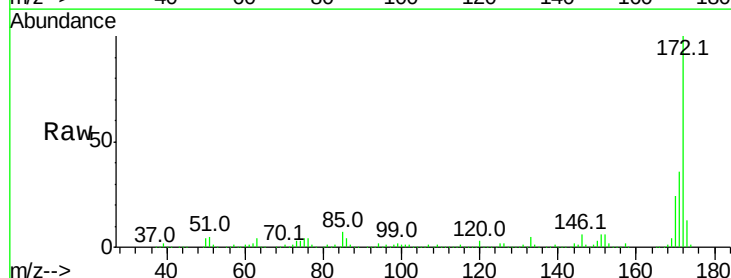
Instrument :
 BNA_F
 ClientSampleId :
 PB100872BL

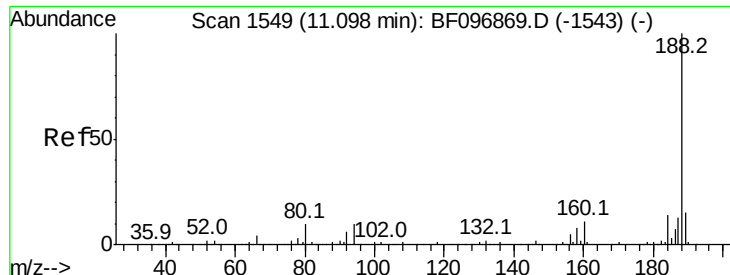
Tot Ion:330 Resp: 162082
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 115.0
 141 38.3 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 70.356 ng
 RT: 8.87 min Scan# 1188
 Delta R.T. -0.04 min
 Lab File: BF096995.D
 Acq: 24 Jul 2017 19:57

Tgt Ion:172 Resp: 894210
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.4 19.8 29.8

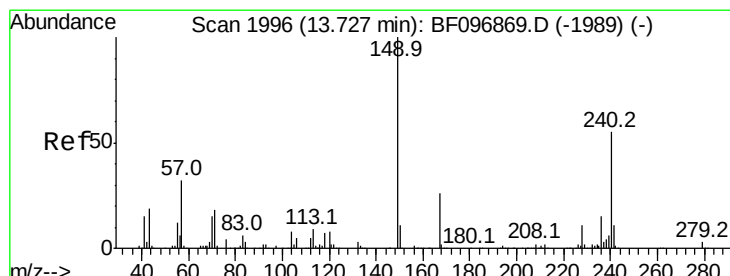
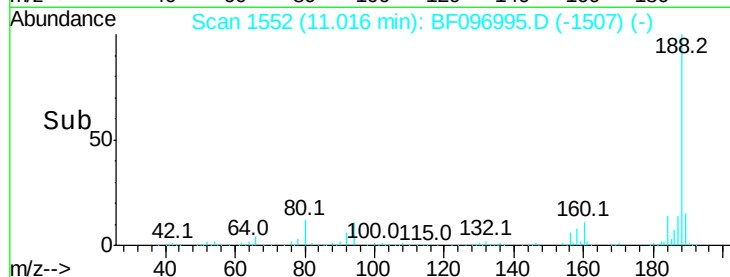
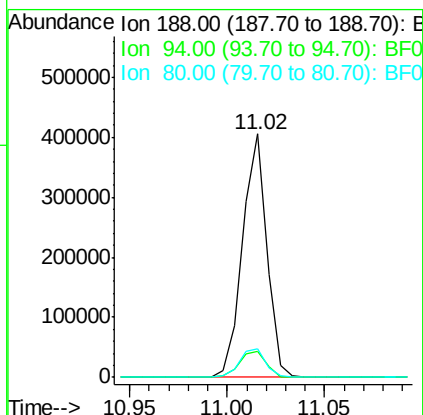
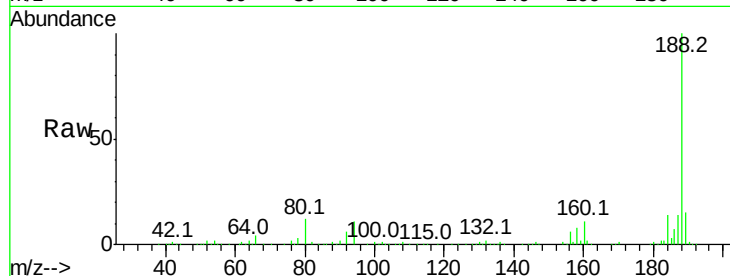




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.02 min Scan# 1552
Delta R.T. -0.04 min
Lab File: BF096995.D
Acq: 24 Jul 2017 19:57

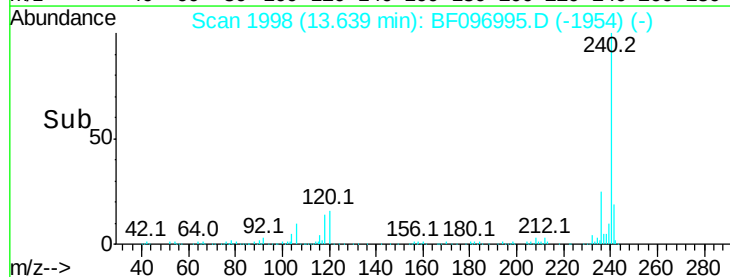
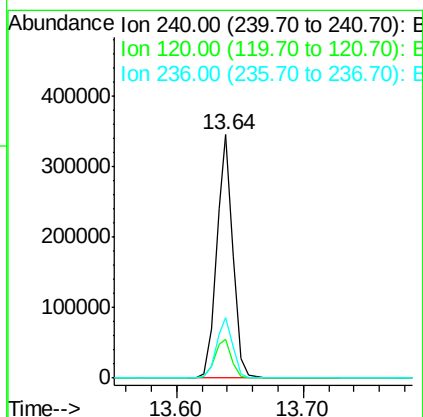
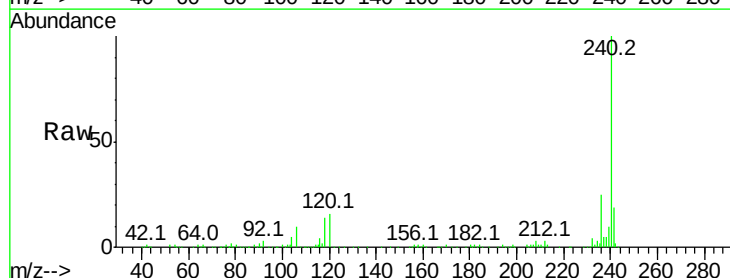
Instrument :
BNA_F
ClientSampled :
PB100872BL

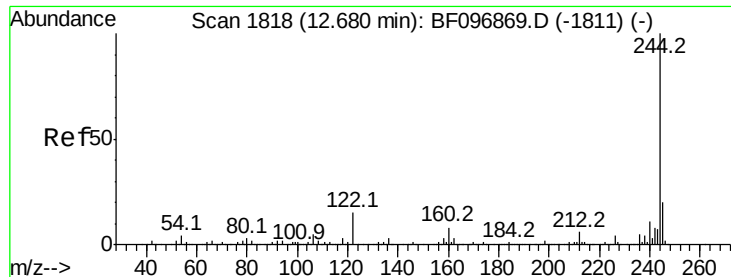
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	11.5	10.2	15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.64 min Scan# 1998
Delta R.T. -0.04 min
Lab File: BF096995.D
Acq: 24 Jul 2017 19:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.8	5.8	8.8#
236	24.9	20.5	30.7





#78

Terphenyl-d14

Concen: 42.382 ng

RT: 12.60 min Scan# 1822

Delta R.T. -0.03 min

Lab File: BF096995.D

Acq: 24 Jul 2017 19:57

Instrument :

BNA_F

ClientSampleId :

PB100872BL

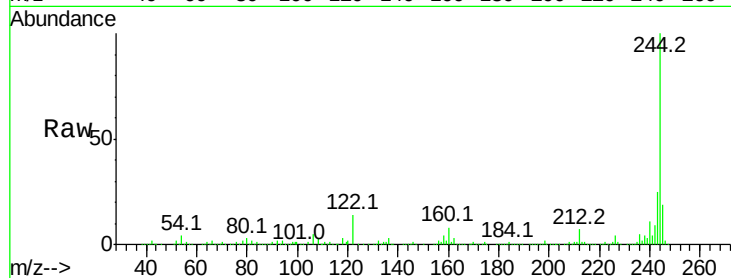
Tot Ion:244 Resp: 755055

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

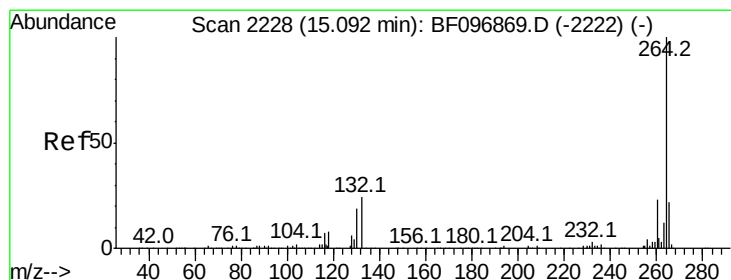
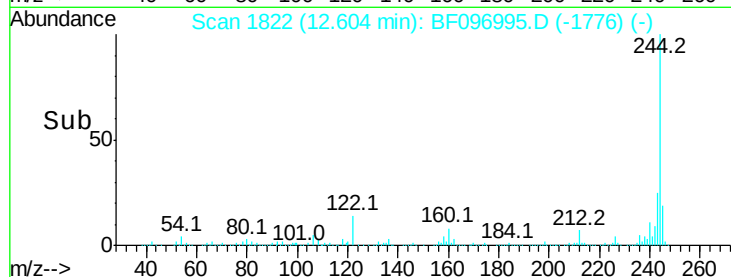
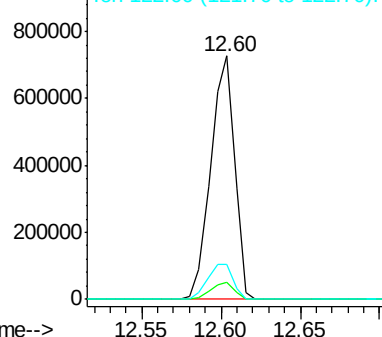
122 14.3 10.3 15.5



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: 14.99 min Scan# 2228

Delta R.T. -0.04 min

Lab File: BF096995.D

Acq: 24 Jul 2017 19:57

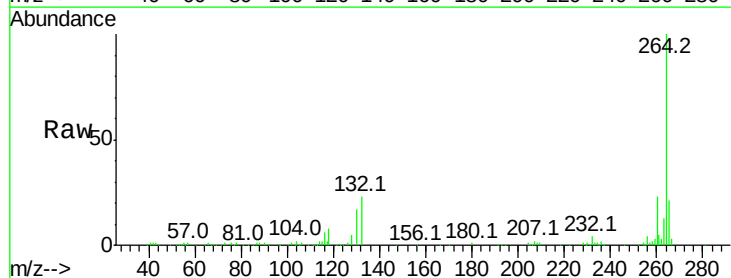
Tgt Ion:264 Resp: 189244

Ion Ratio Lower Upper

264 100

260 23.1 19.5 29.3

265 21.1 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

