

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090117\
 Data File : BF098236.D
 Acq On : 1 Sep 2017 19:36
 Operator : SJ/JU
 Sample : I4963-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3831-PA3

Quant Time: Sep 01 23:28:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	123554	20.00	ng	-0.04
21) Naphthalene-d8	8.00	136	489498	20.00	ng	-0.03
38) Acenaphthene-d10	9.75	164	203123	20.00	ng	-0.04
63) Phenanthrene-d10	11.23	188	316055	20.00	ng	-0.03
75) Chrysene-d12	13.87	240	253762	20.00	ng	-0.03
86) Perylene-d12	15.29	264	189128	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	491123	60.46	ng	-0.02
7) Phenol-d6	6.36	99	427689	38.75	ng	-0.03
23) Nitrobenzene-d5	7.29	82	818805	90.87	ng	-0.04
41) 2,4,6-Tribromophenol	10.55	330	205872	116.81	ng	-0.03
44) 2-Fluorobiphenyl	9.08	172	1175244	85.01	ng	-0.03
78) Terphenyl-d14	12.82	244	805330	66.18	ng	-0.03

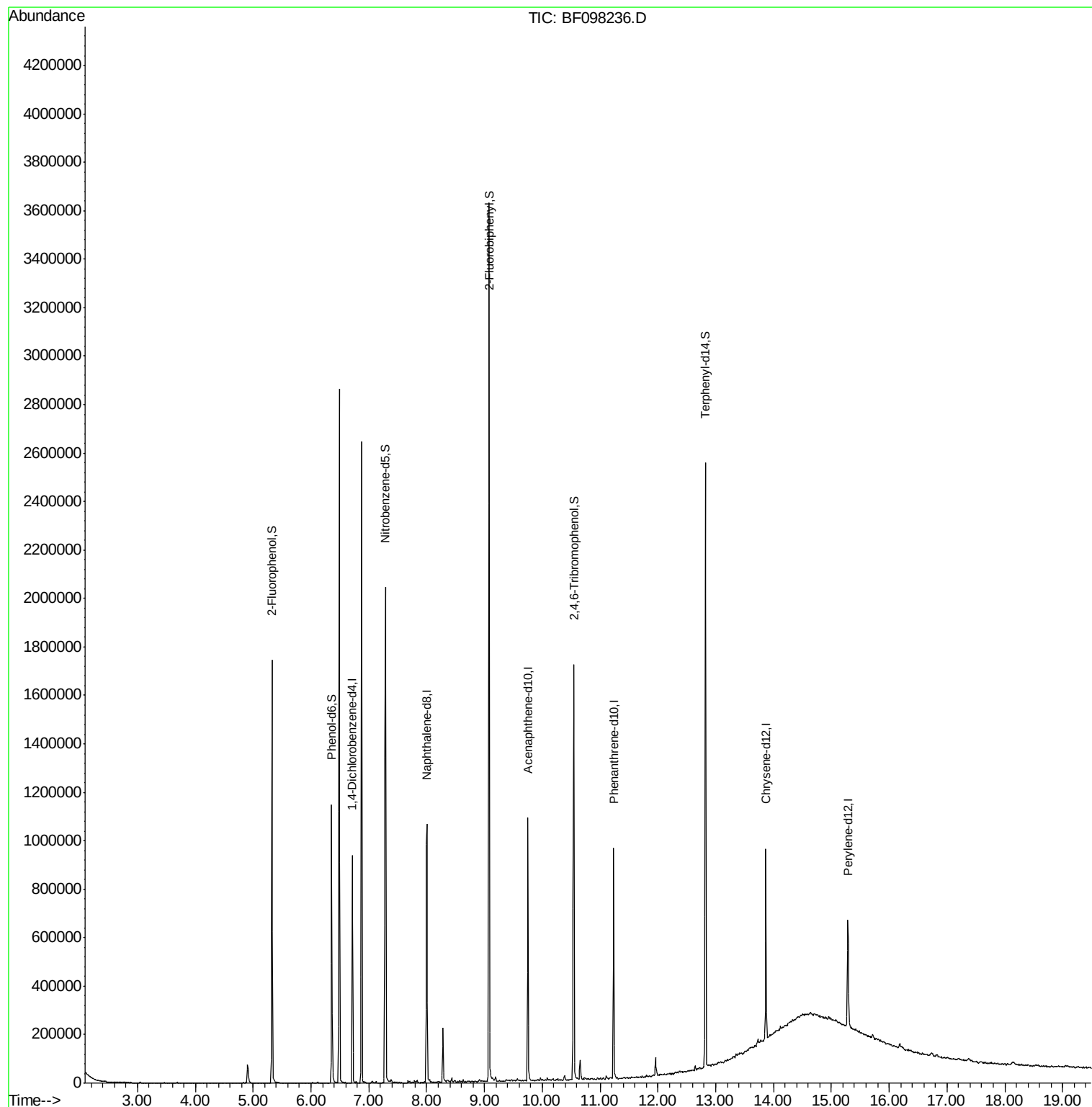
Target Compounds Qvalue

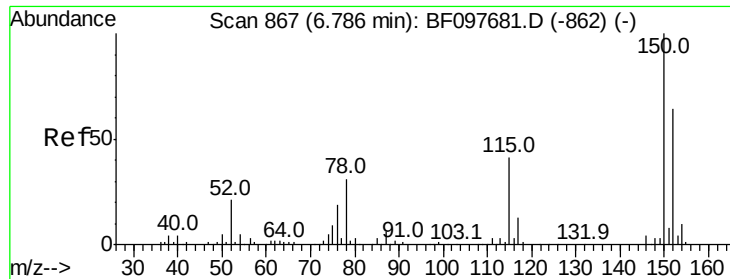
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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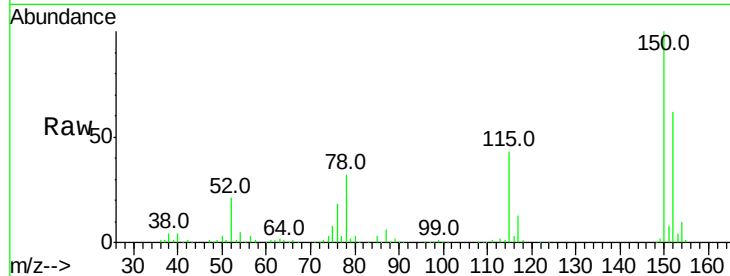


#1

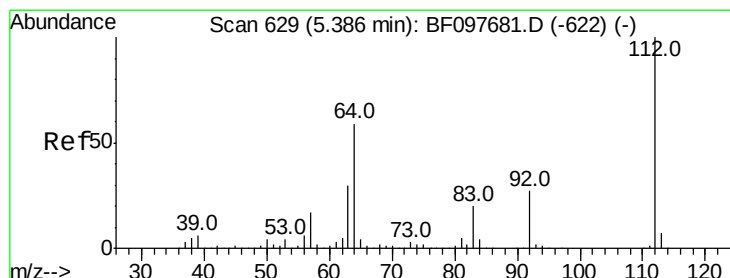
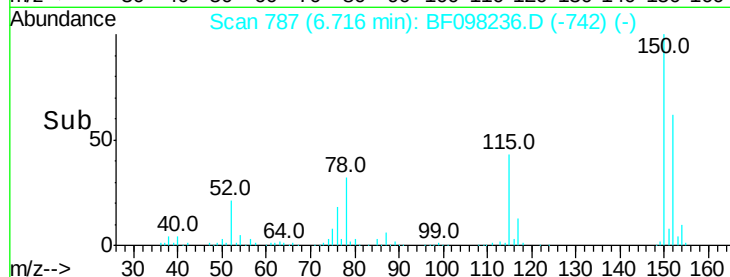
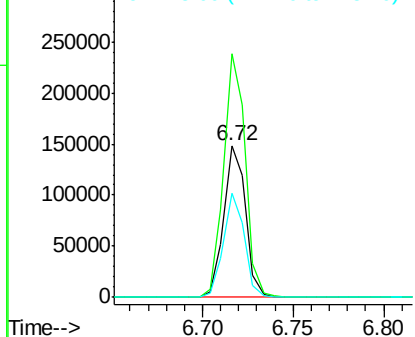
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.04 min
Lab File: BF098236.D
Acq: 1 Sep 2017 19:36

Instrument :
BNA_F
ClientSampleId :
3831-PA3

Tot Ion:152 Resp: 123554
Ion Ratio Lower Upper
152 100
150 160.2 126.2 189.2
115 68.6 52.2 78.2



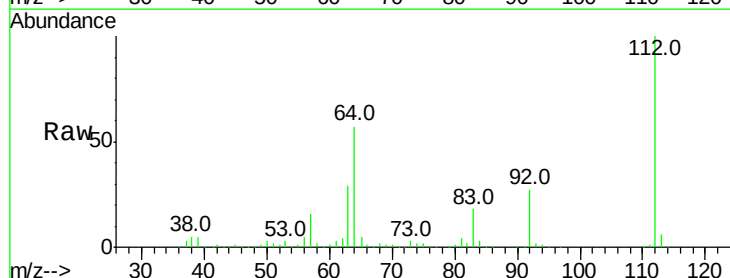
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



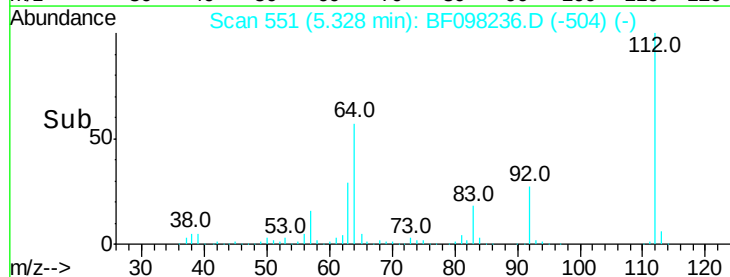
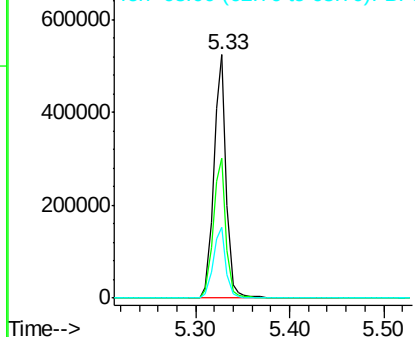
#5

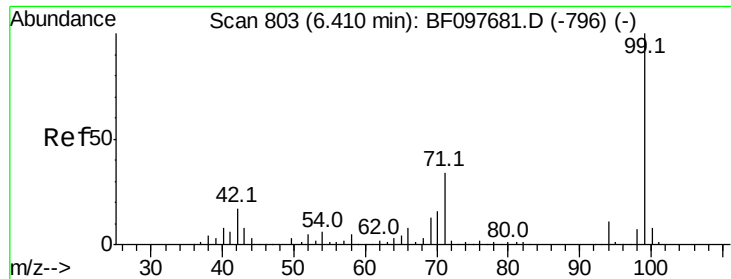
2-Fluorophenol
Concen: 60.462 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF098236.D
Acq: 1 Sep 2017 19:36

Tgt Ion:112 Resp: 491123
Ion Ratio Lower Upper
112 100
64 57.4 46.0 69.0
63 29.1 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: 38.752 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF098236.D

Acq: 1 Sep 2017 19:36

Instrument :

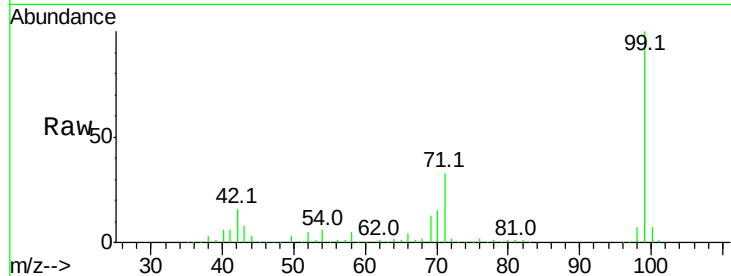
BNA_F

ClientSampleId :

3831-PA3

Tot Ion: 99 Resp: 427689

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.5	20.3
71	32.6	24.5	36.7

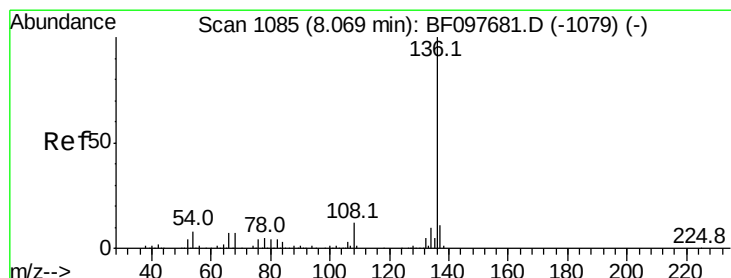
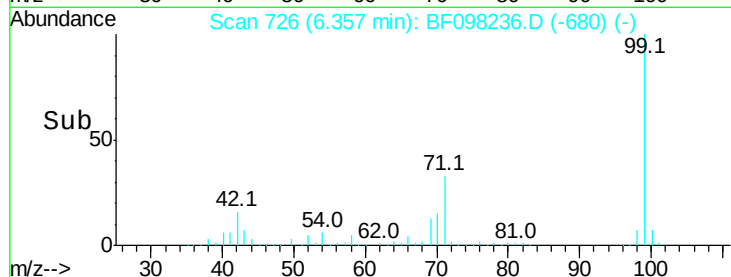
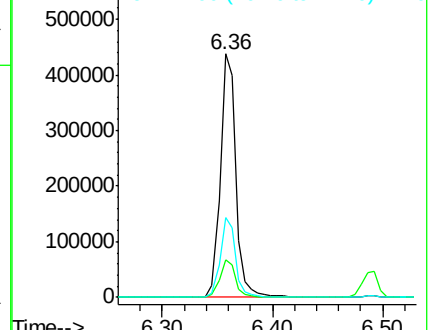


Abundance

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: 8.00 min Scan# 1006

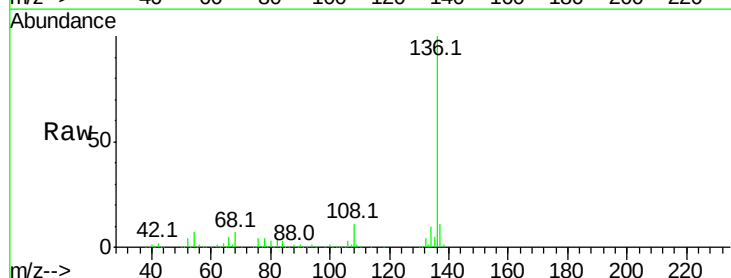
Delta R.T. -0.03 min

Lab File: BF098236.D

Acq: 1 Sep 2017 19:36

Tgt Ion: 136 Resp: 489498

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	6.9	4.9	7.3
68	7.0	4.1	6.1#



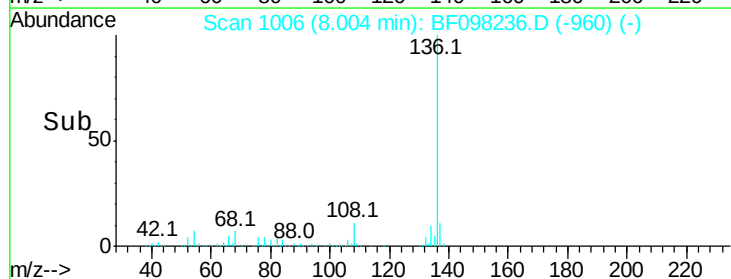
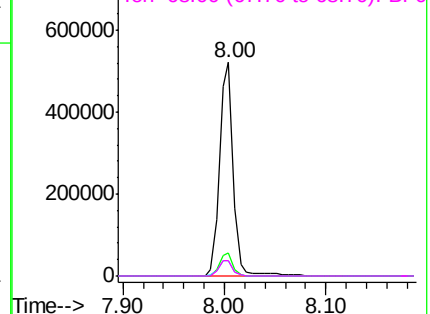
Abundance

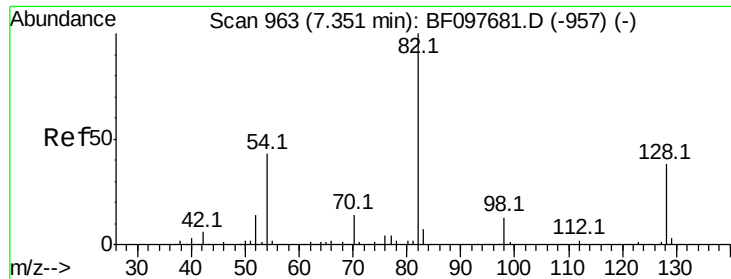
Ion 136.00 (135.70 to 136.70): E

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

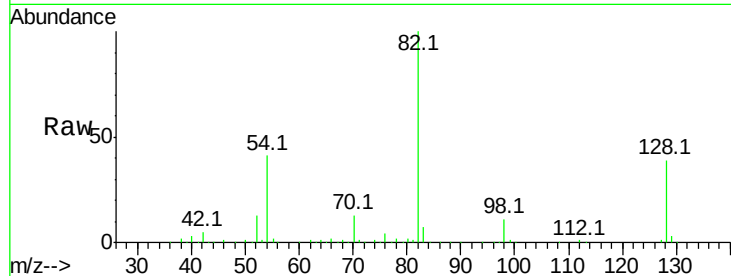




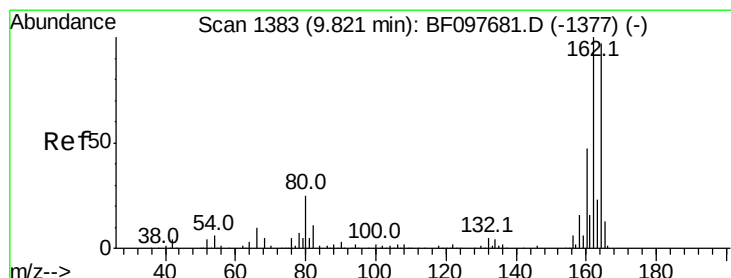
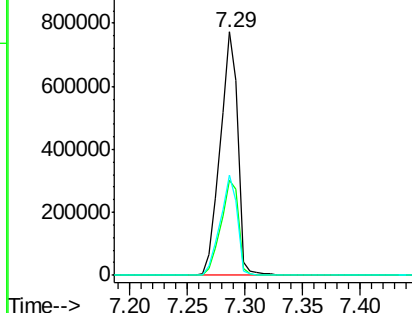
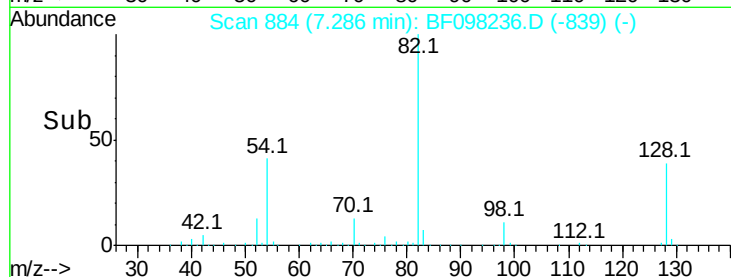
#23
 Nitrobenzene-d5
 Concen: 90.871 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.04 min
 Lab File: BF098236.D
 Acq: 1 Sep 2017 19:36

Instrument :
 BNA_F
 ClientSampleId :
 3831-PA3

Tot Ion: 82 Resp: 818805
 Ion Ratio Lower Upper
 82 100
 128 39.2 34.0 51.0
 54 41.2 42.2 63.2#

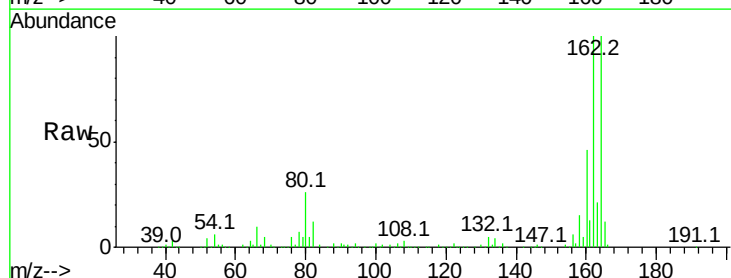


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

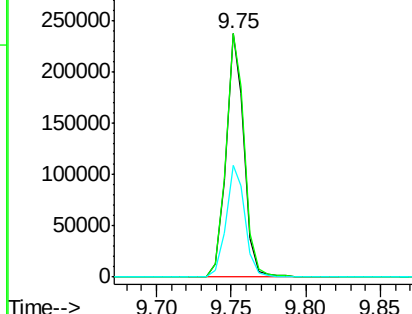
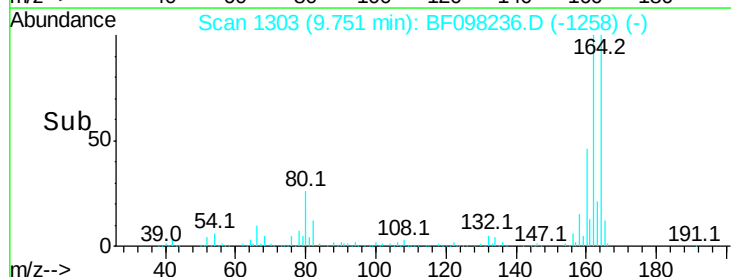


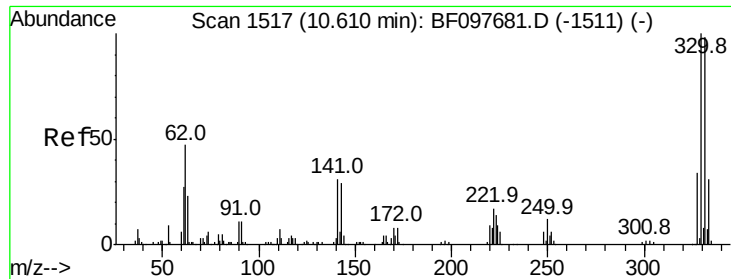
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.04 min
 Lab File: BF098236.D
 Acq: 1 Sep 2017 19:36

Tgt Ion:164 Resp: 203123
 Ion Ratio Lower Upper
 164 100
 162 100.1 82.6 123.8
 160 45.8 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

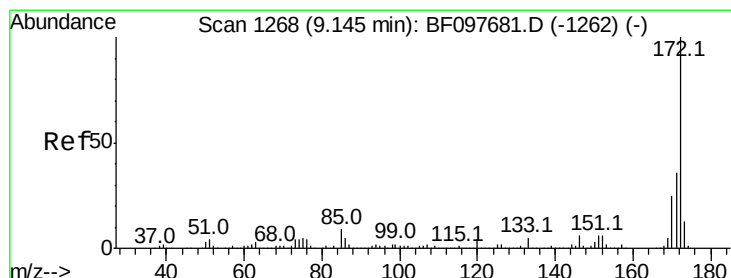
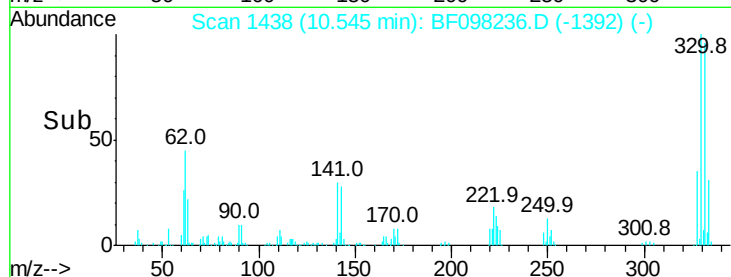
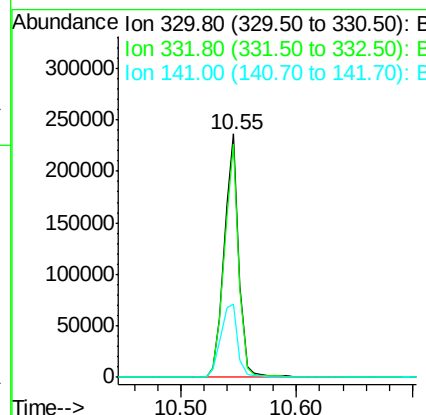
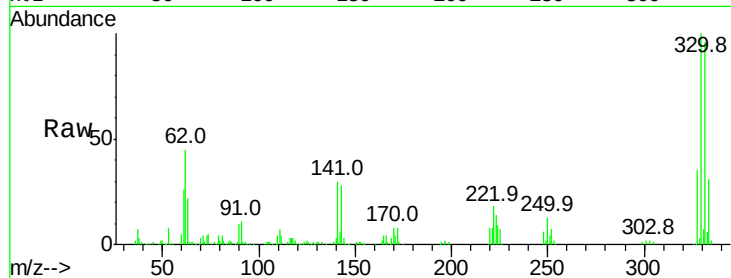




#41
 2,4,6-Tribromophenol
 Concen: 116.812 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.03 min
 Lab File: BF098236.D
 Acq: 1 Sep 2017 19:36

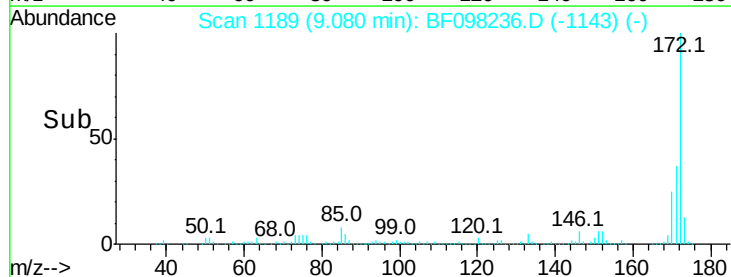
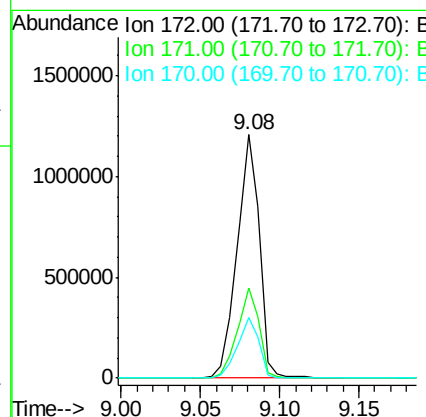
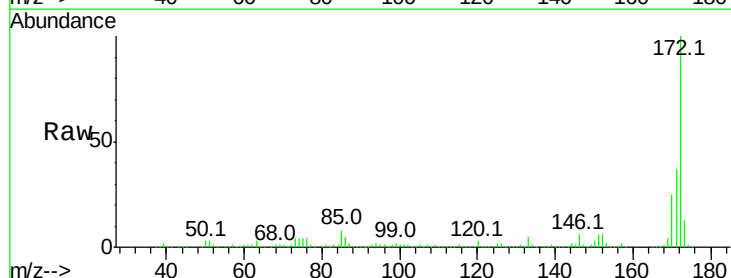
Instrument :
 BNA_F
 ClientSampleId :
 3831-PA3

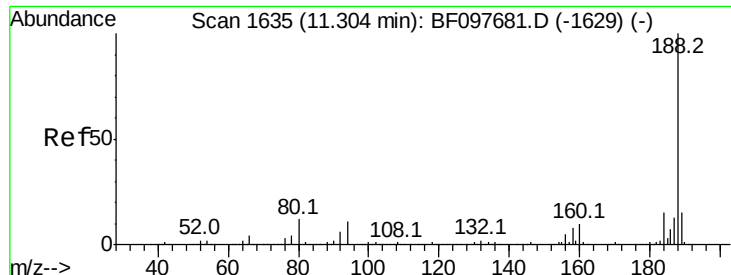
Tot Ion:330 Resp: 205872
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 115.0
 141 35.6 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 85.006 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF098236.D
 Acq: 1 Sep 2017 19:36

Tgt Ion:172 Resp: 1175244
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 24.9 19.8 29.8

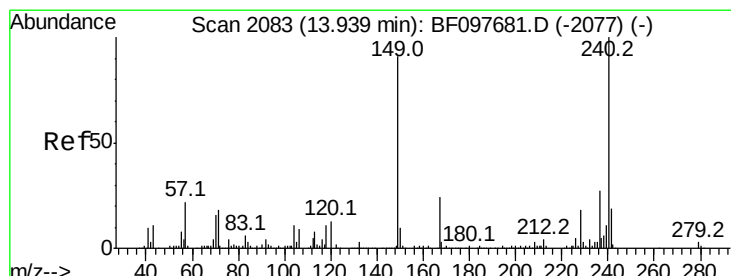
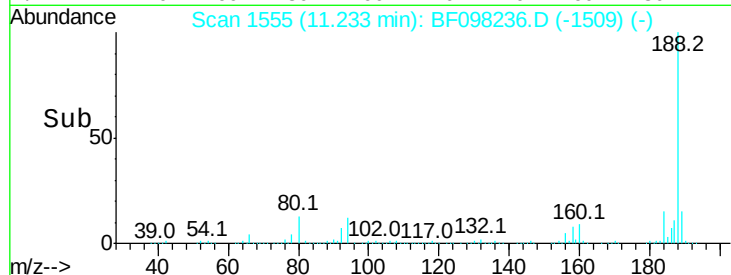
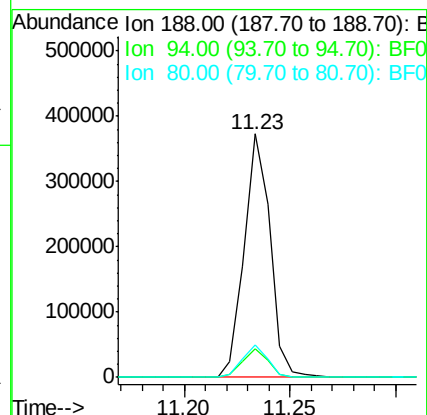
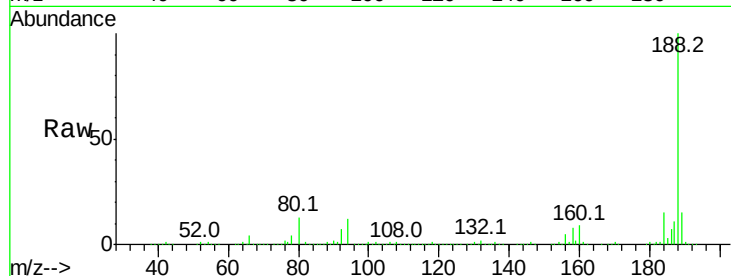




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.03 min
Lab File: BF098236.D
Acq: 1 Sep 2017 19:36

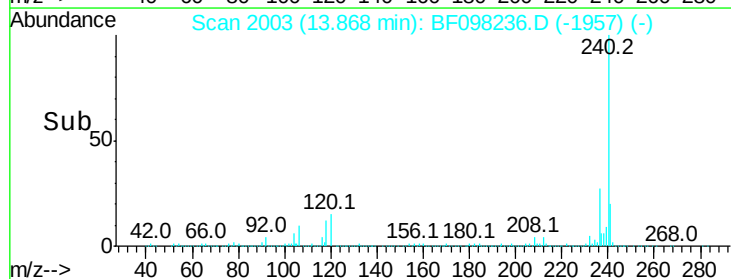
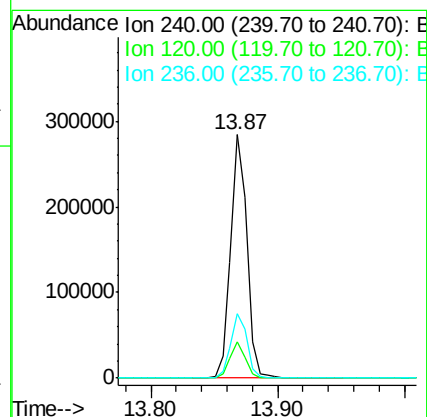
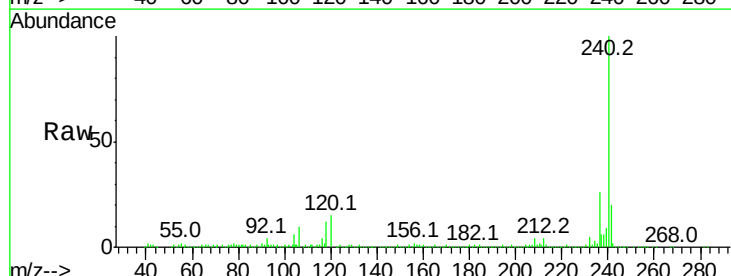
Instrument :
BNA_F
ClientSampleId :
3831-PA3

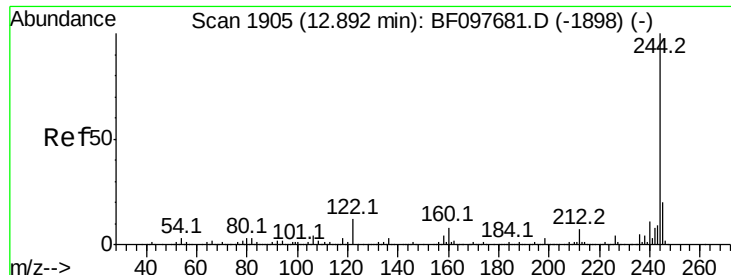
Tot Ion	Ratio	Lower	Upper
188	100		
94	12.0	9.4	14.2
80	13.3	10.2	15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.03 min
Lab File: BF098236.D
Acq: 1 Sep 2017 19:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.9	5.8	8.8#
236	26.5	20.5	30.7





#78

Terphenyl-d14

Concen: 66.179 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.03 min

Lab File: BF098236.D

Acq: 1 Sep 2017 19:36

Instrument :

BNA_F

ClientSampleId :

3831-PA3

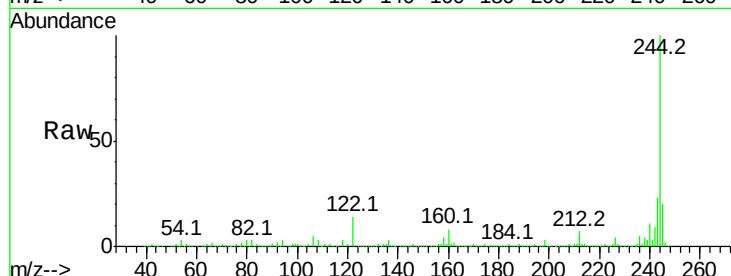
Tot Ion:244 Resp: 805330

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

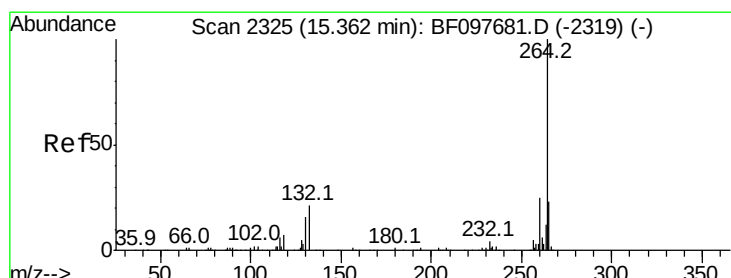
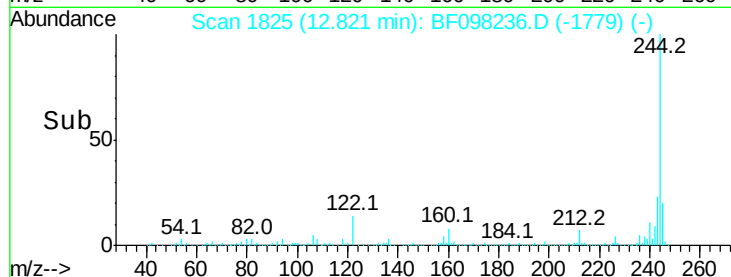
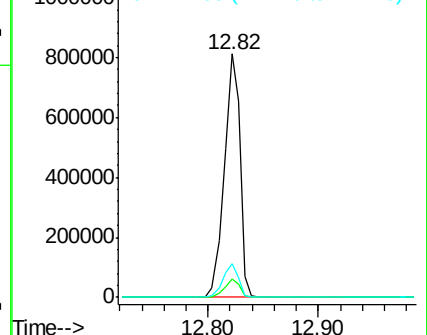
122 13.7 10.3 15.5



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: 15.29 min Scan# 2244

Delta R.T. -0.02 min

Lab File: BF098236.D

Acq: 1 Sep 2017 19:36

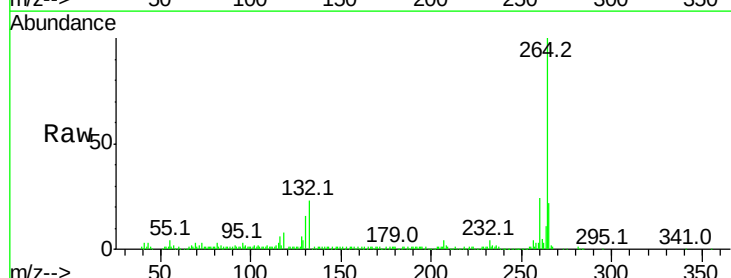
Tgt Ion:264 Resp: 189128

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 22.0 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

