

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021420\
 Data File : BF118937.D
 Acq On : 14 Feb 2020 17:49
 Operator : CG/JU
 Sample : PB126794TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB126794TB

Quant Time: Feb 15 04:26:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 14 00:49:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	180219	20.00	ng	-0.04
21) Naphthalene-d8	8.06	136	692942	20.00	ng	-0.05
39) Acenaphthene-d10	9.81	164	388595	20.00	ng	-0.05
64) Phenanthrene-d10	11.29	188	747101	20.00	ng	-0.05
76) Chrysene-d12	13.93	240	656580	20.00	ng	-0.05
87) Perylene-d12	15.36	264	589683	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	815897	85.70	ng	-0.04
7) Phenol-d6	6.41	99	443349	37.51	ng	-0.04
23) Nitrobenzene-d5	7.34	82	1099582	94.58	ng	-0.04
42) 2,4,6-Tribromophenol	10.60	330	634027	136.36	ng	-0.05
45) 2-Fluorobiphenyl	9.13	172	2089063	96.11	ng	-0.05
79) Terphenyl-d14	12.88	244	3429841	107.30	ng	-0.05

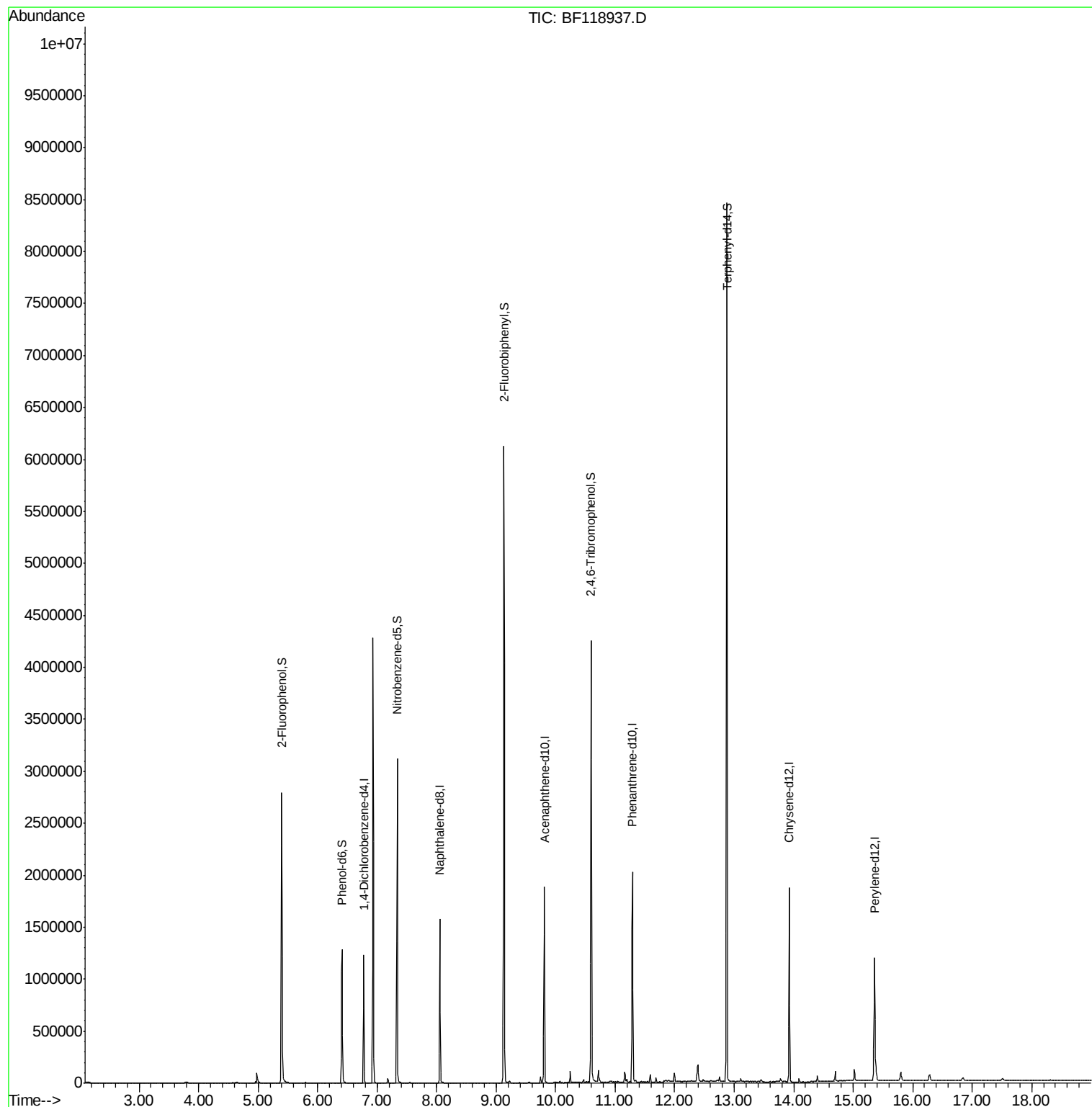
Target Compounds	Qvalue
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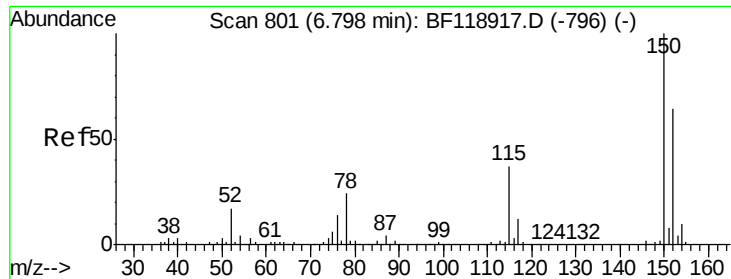
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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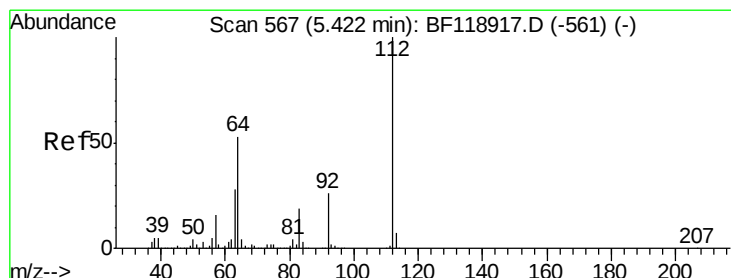
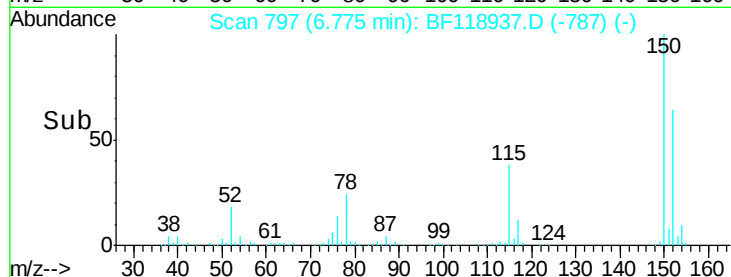
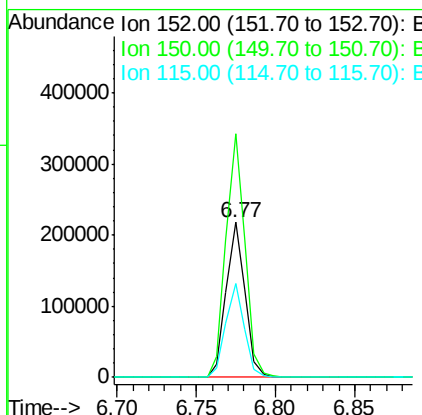
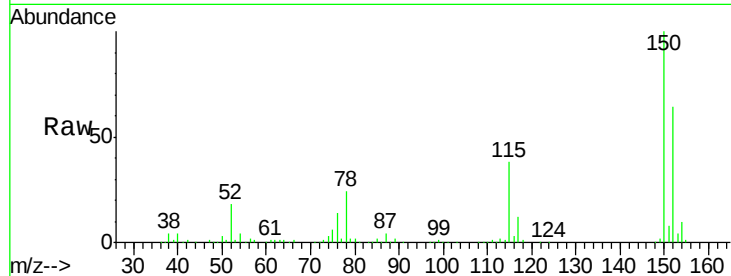




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.04 min
 Lab File: BF118937.D
 Acq: 14 Feb 2020 17:49

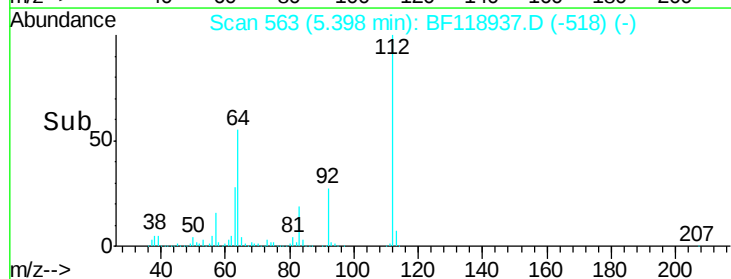
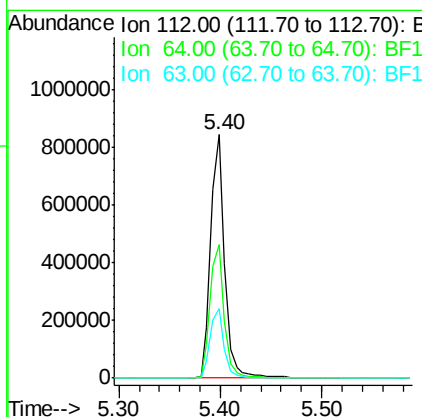
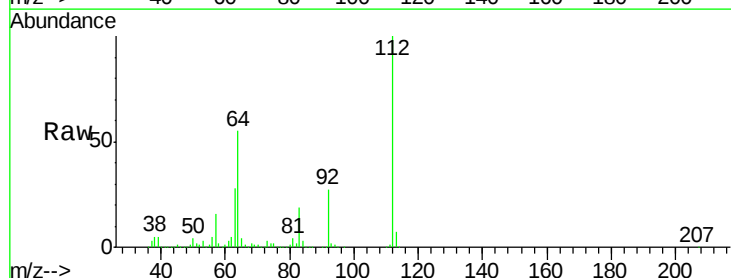
Instrument :
 BNA_F
 ClientSampleId :
 PB126794TB

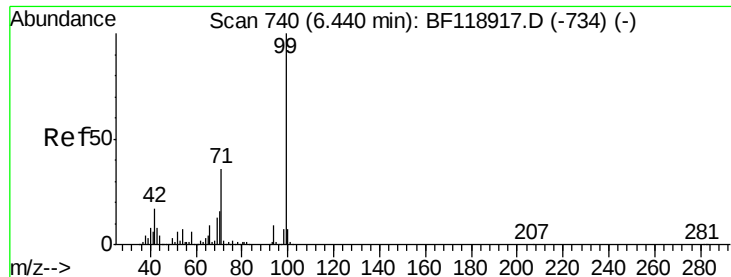
Tgt Ion:152 Resp: 180219
 Ion Ratio Lower Upper
 152 100
 150 157.0 123.6 185.4
 115 60.4 48.2 72.2



#5
 2-Fluorophenol
 Concen: 85.70 ng
 RT: 5.40 min Scan# 563
 Delta R.T. -0.04 min
 Lab File: BF118937.D
 Acq: 14 Feb 2020 17:49

Tgt Ion:112 Resp: 815897
 Ion Ratio Lower Upper
 112 100
 64 54.6 42.6 63.8
 63 28.4 22.2 33.4





#7

Phenol-d6

Concen: 37.51 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.04 min

Lab File: BF118937.D

Acq: 14 Feb 2020 17:49

Instrument :

BNA_F

ClientSampleId :

PB126794TB

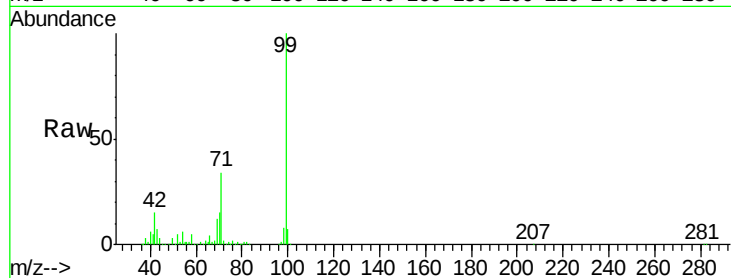
Tgt Ion: 99 Resp: 443349

Ion Ratio Lower Upper

99 100

42 15.1 13.4 20.0

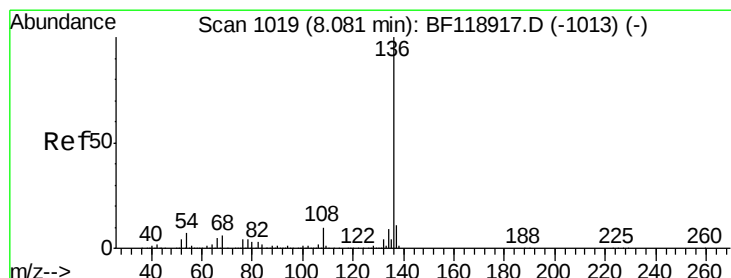
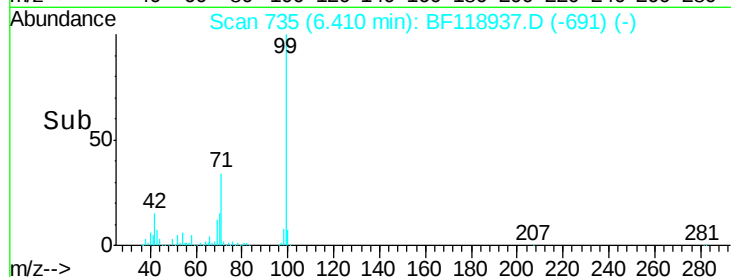
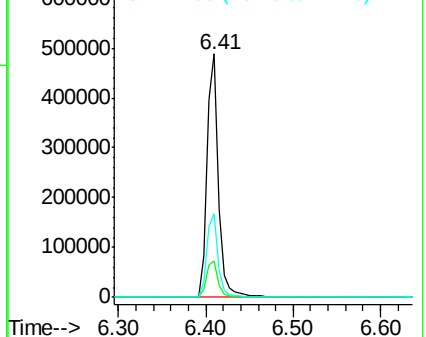
71 34.4 29.0 43.6



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.05 min

Lab File: BF118937.D

Acq: 14 Feb 2020 17:49

Tgt Ion: 136 Resp: 692942

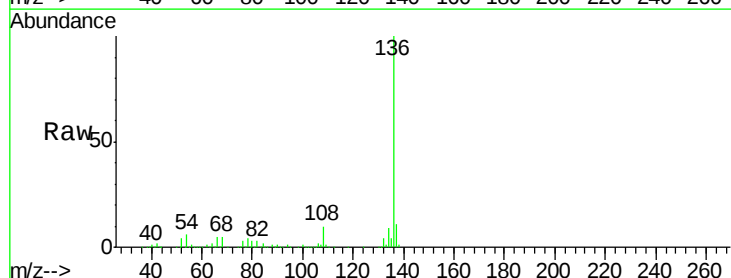
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 6.3 5.0 7.6

68 5.2 4.2 6.4

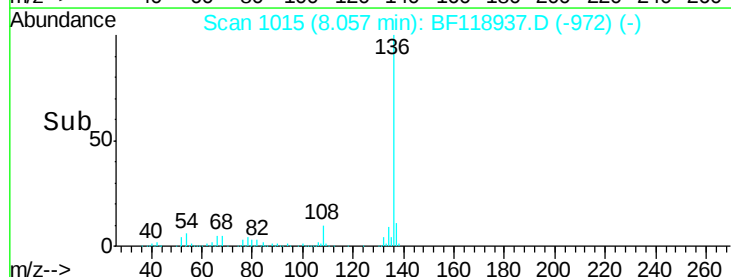
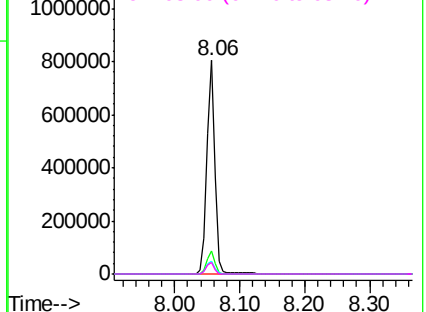


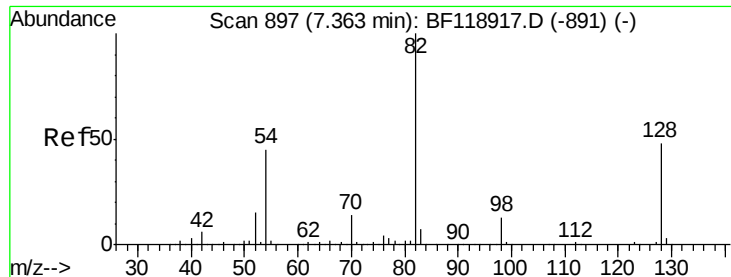
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

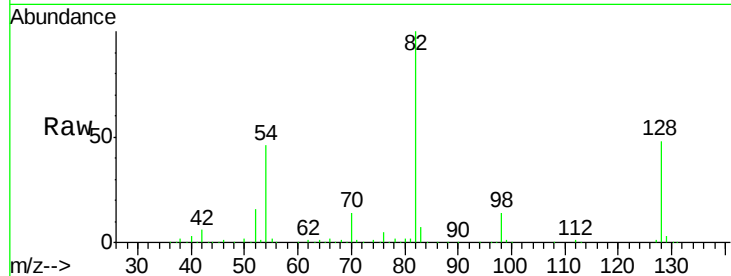




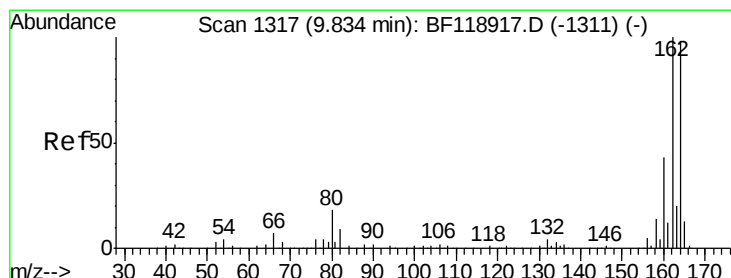
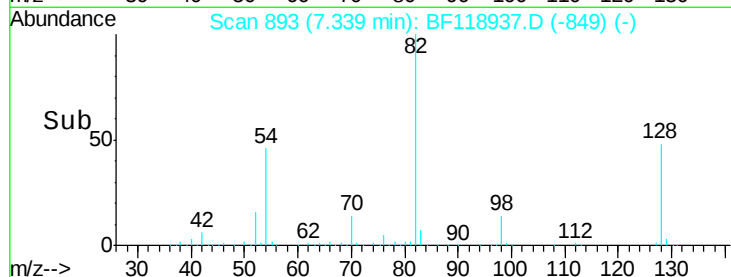
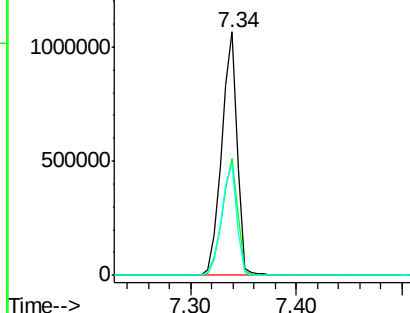
#23
Nitrobenzene-d5
Concen: 94.58 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.04 min
Lab File: BF118937.D
Acq: 14 Feb 2020 17:49

Instrument :
BNA_F
ClientSampled :
PB126794TB

Tgt Ion: 82 Resp: 1099582
Ion Ratio Lower Upper
82 100
128 48.2 38.5 57.7
54 46.1 36.7 55.1

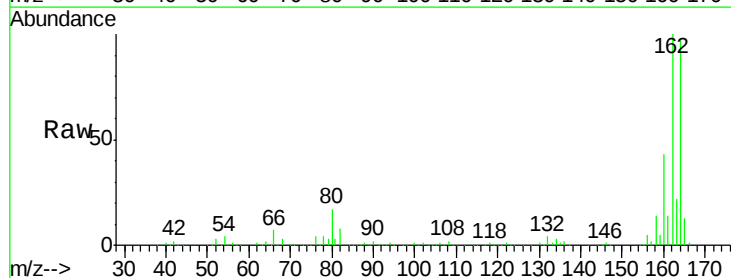


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

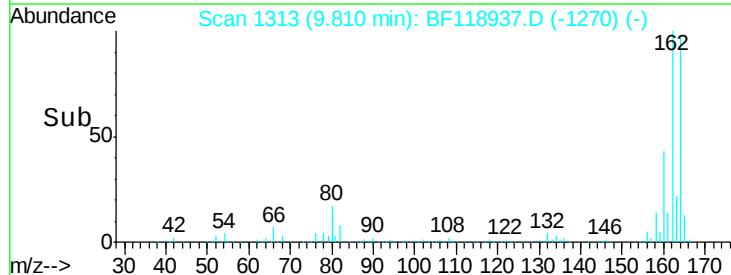
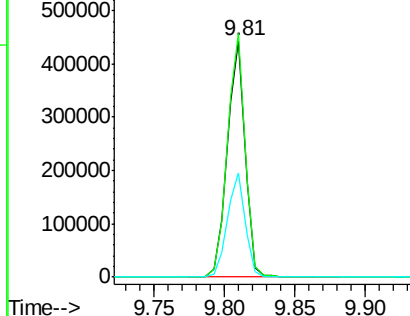


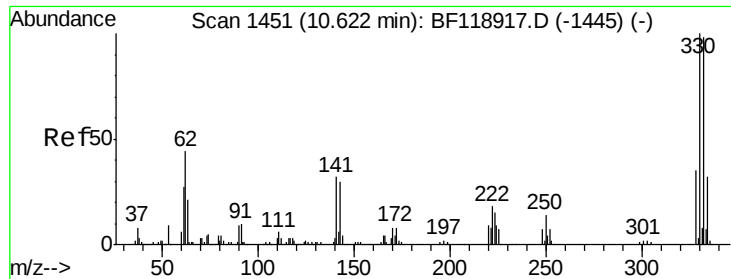
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.05 min
Lab File: BF118937.D
Acq: 14 Feb 2020 17:49

Tgt Ion: 164 Resp: 388595
Ion Ratio Lower Upper
164 100
162 103.2 81.4 122.2
160 44.1 35.6 53.4



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

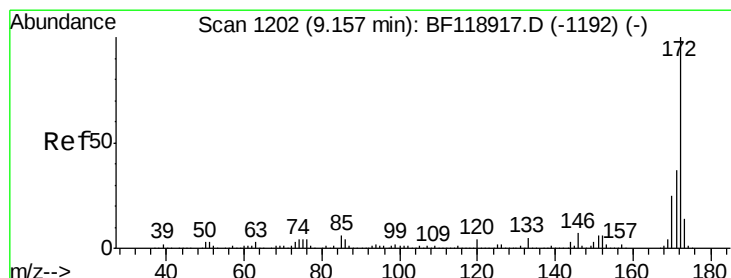
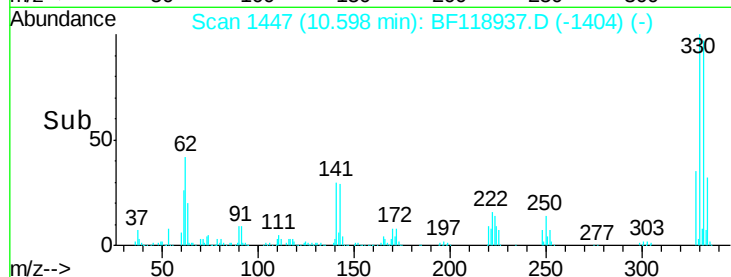
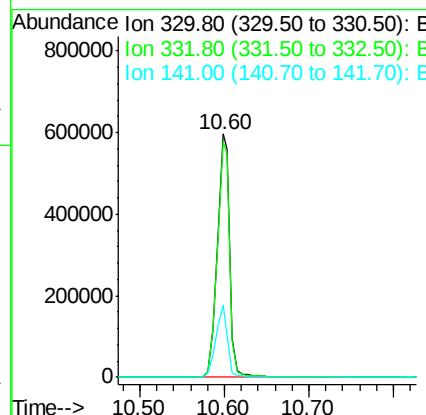
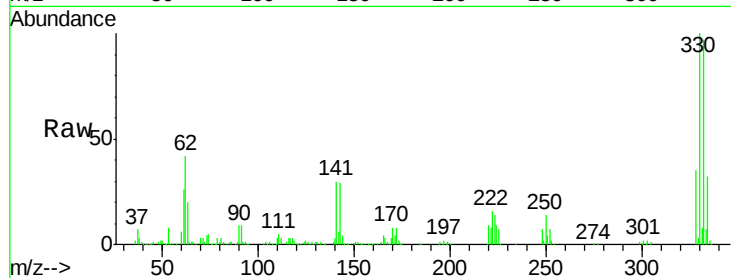




#42
 2,4,6-Tribromophenol
 Concen: 136.36 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.05 min
 Lab File: BF118937.D
 Acq: 14 Feb 2020 17:49

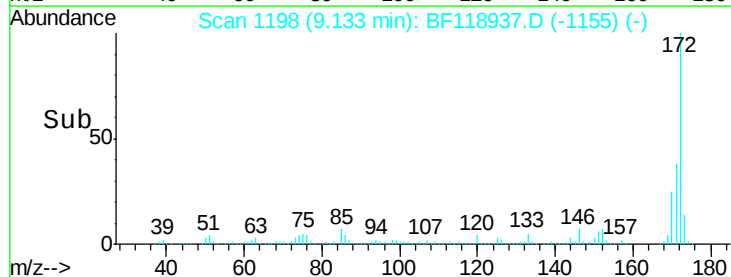
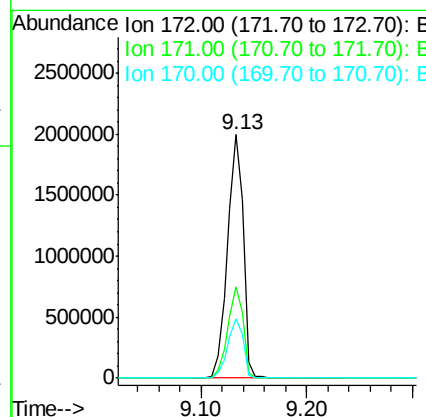
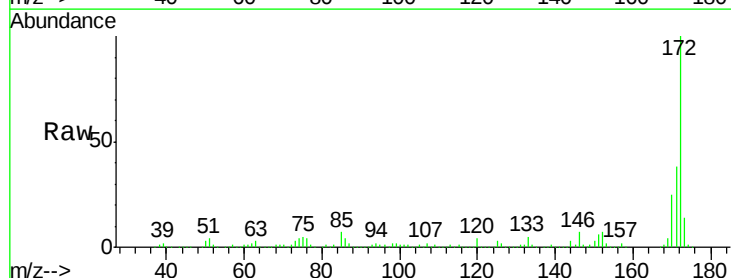
Instrument :
 BNA_F
 ClientSampleId :
 PB126794TB

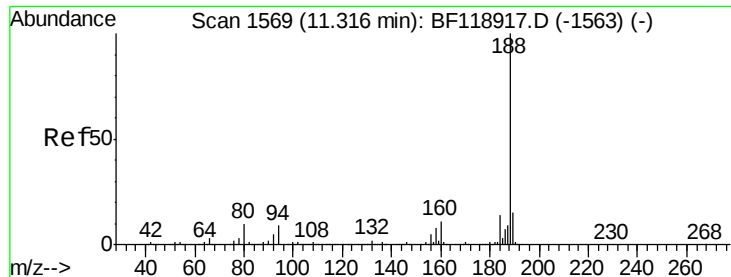
Tgt Ion:330 Resp: 634027
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.3 115.9
 141 27.9 22.4 33.6



#45
 2-Fluorobiphenyl
 Concen: 96.11 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.05 min
 Lab File: BF118937.D
 Acq: 14 Feb 2020 17:49

Tgt Ion:172 Resp: 2089063
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.8 46.2
 170 24.5 20.5 30.7





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.05 min

Lab File: BF118937.D

Acq: 14 Feb 2020 17:49

Instrument :

BNA_F

ClientSampleId :

PB126794TB

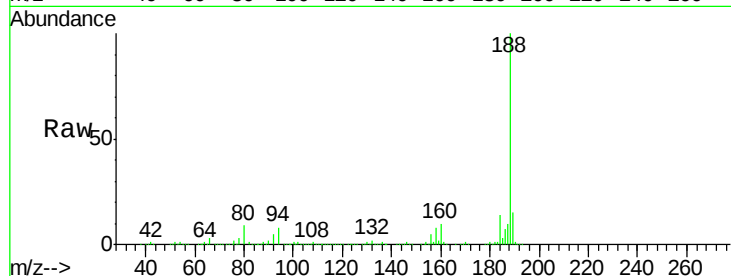
Tgt Ion:188 Resp: 747101

Ion Ratio Lower Upper

188 100

94 8.2 7.9 11.9

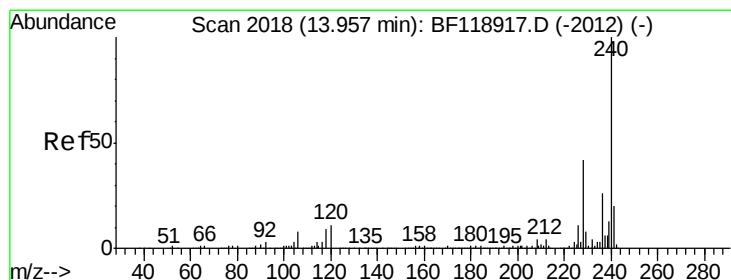
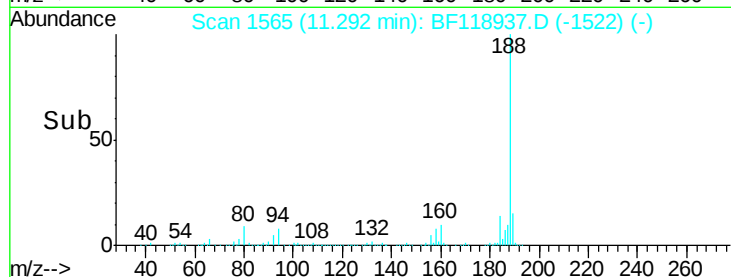
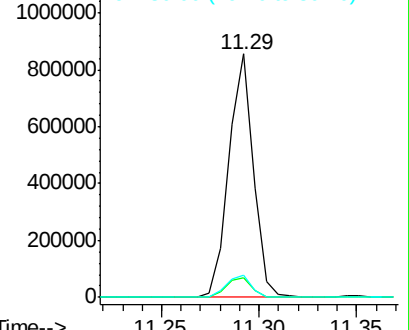
80 9.1 8.4 12.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.05 min

Lab File: BF118937.D

Acq: 14 Feb 2020 17:49

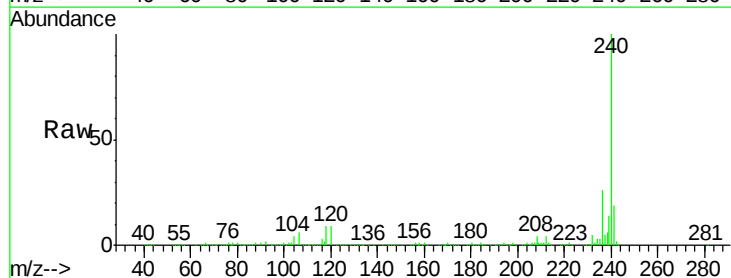
Tgt Ion:240 Resp: 656580

Ion Ratio Lower Upper

240 100

120 9.3 9.4 14.0#

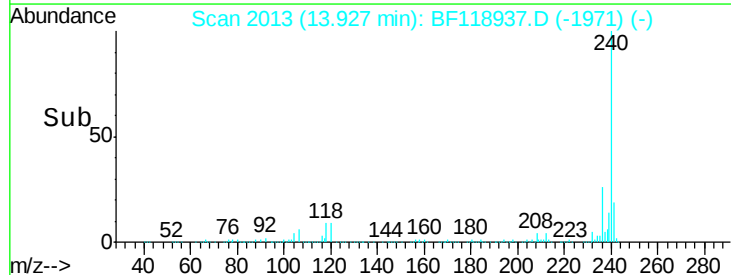
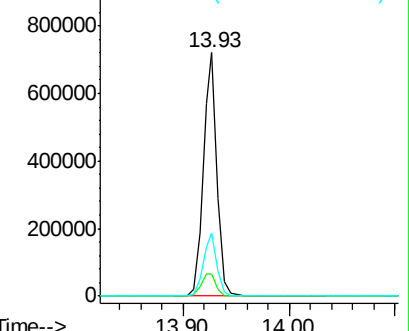
236 25.8 21.0 31.6

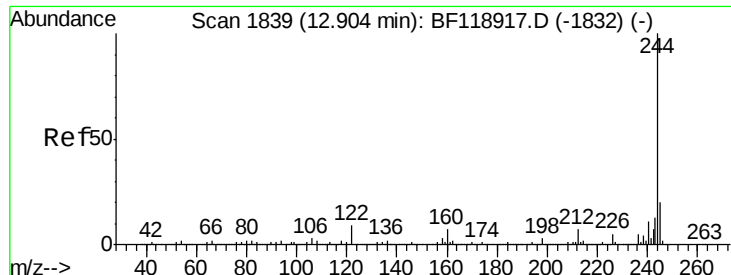


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 107.30 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.05 min

Lab File: BF118937.D

Acq: 14 Feb 2020 17:49

Instrument :

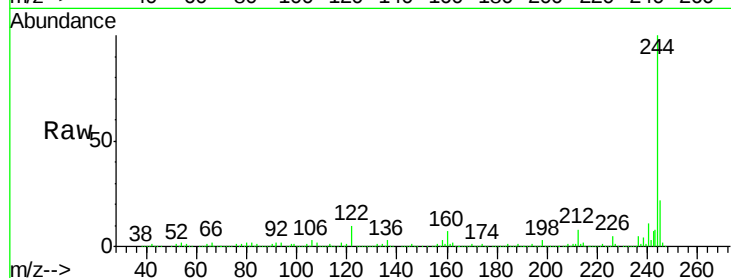
BNA_F

ClientSampleId :

PB126794TB

Tgt Ion:244 Resp: 3429841

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	10.1	8.9	13.3

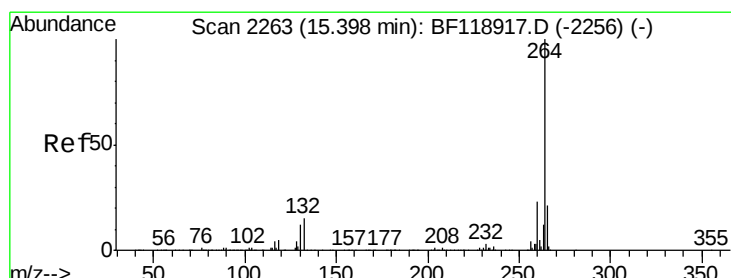
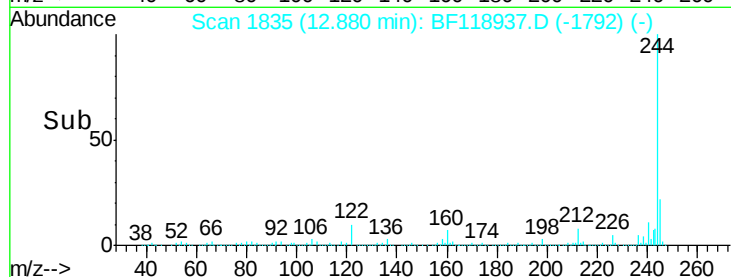
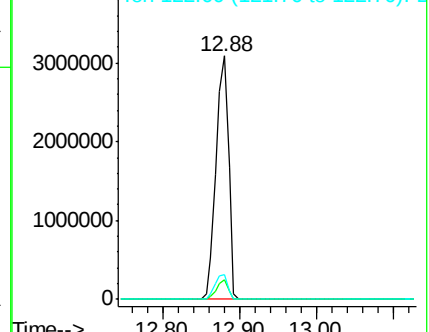


Abundance

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



#87

Perylene-d12

Concen: 20.00 ng

RT: 15.36 min Scan# 2256

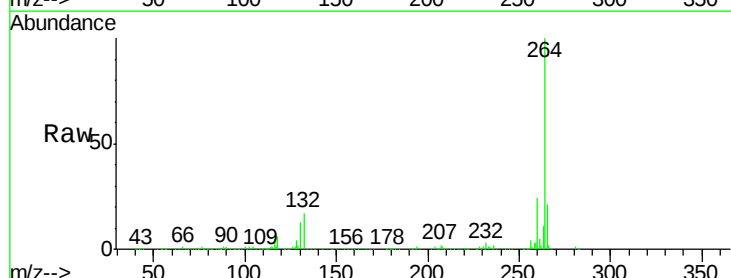
Delta R.T. -0.07 min

Lab File: BF118937.D

Acq: 14 Feb 2020 17:49

Tgt Ion:264 Resp: 589683

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
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

