

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021420\
 Data File : BF118936.D
 Acq On : 14 Feb 2020 17:21
 Operator : CG/JU
 Sample : PB126794BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB126794BL

Quant Time: Feb 15 04:20:01 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	170035	20.00	ng	-0.04
21) Naphthalene-d8	8.06	136	893437	20.00	ng	-0.05
39) Acenaphthene-d10	9.81	164	499998	20.00	ng	-0.05
64) Phenanthrene-d10	11.29	188	704484	20.00	ng	-0.05
76) Chrysene-d12	13.93	240	603275	20.00	ng	-0.05
87) Perylene-d12	15.36	264	526350	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	574706	63.98	ng	-0.04
7) Phenol-d6	6.41	99	424979	38.11	ng	-0.04
23) Nitrobenzene-d5	7.34	82	1044998	69.72	ng	-0.04
42) 2,4,6-Tribromophenol	10.60	330	791969	132.38	ng	-0.05
45) 2-Fluorobiphenyl	9.13	172	2597605	92.87	ng	-0.05
79) Terphenyl-d14	12.88	244	2402393	81.80	ng	-0.05

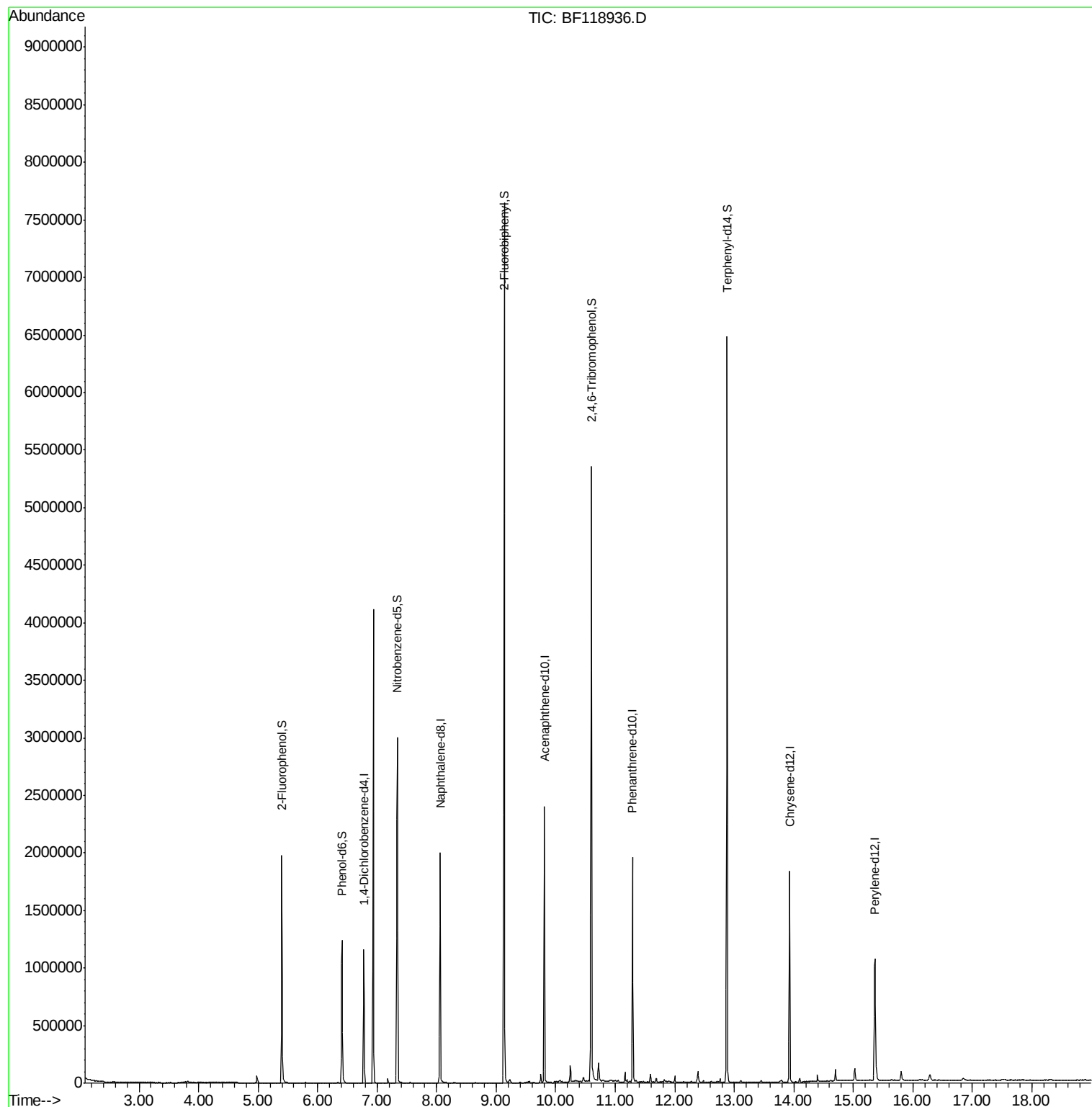
Target Compounds	Qvalue
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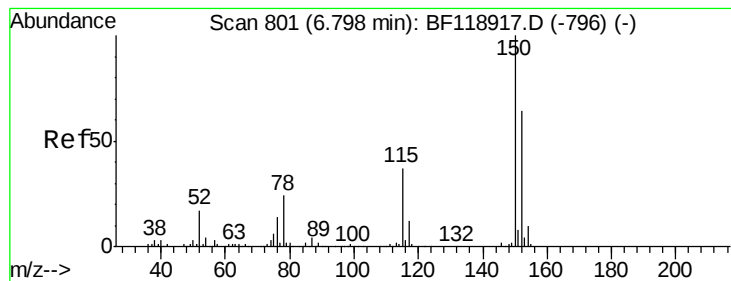
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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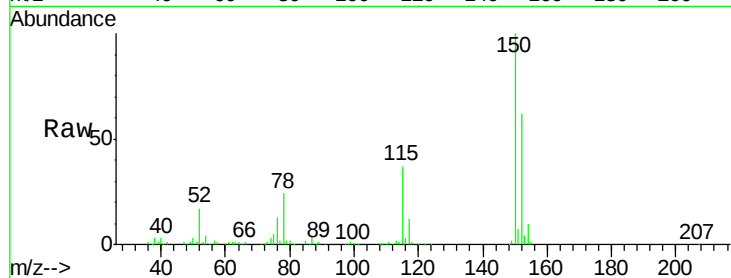




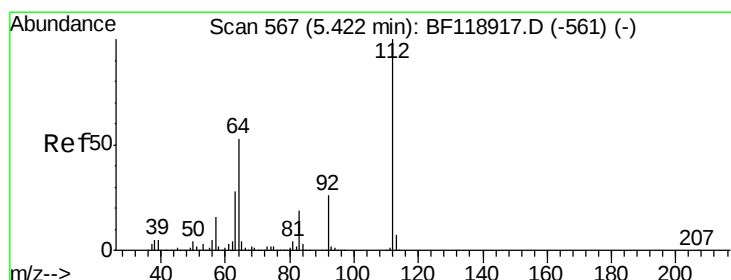
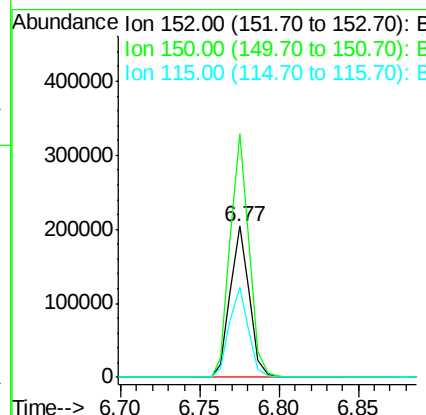
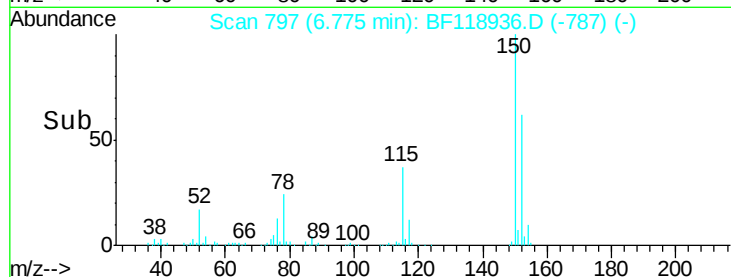
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.04 min
 Lab File: BF118936.D
 Acq: 14 Feb 2020 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB126794BL

Tgt Ion:152 Resp: 170035
 Ion Ratio Lower Upper
 152 100
 150 161.0 123.6 185.4
 115 59.9 48.2 72.2

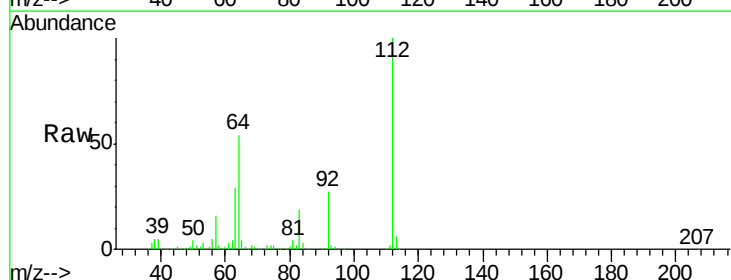


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

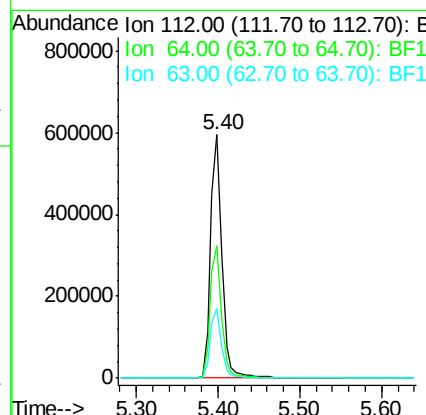
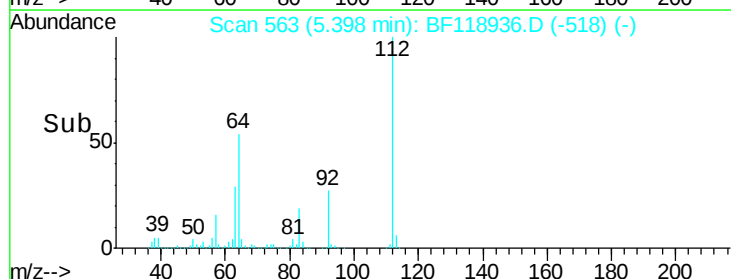


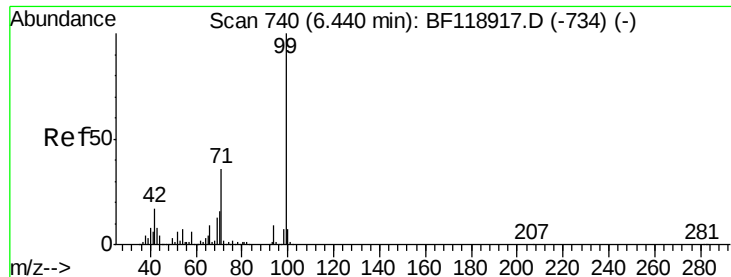
#5
 2-Fluorophenol
 Concen: 63.98 ng
 RT: 5.40 min Scan# 563
 Delta R.T. -0.04 min
 Lab File: BF118936.D
 Acq: 14 Feb 2020 17:21

Tgt Ion:112 Resp: 574706
 Ion Ratio Lower Upper
 112 100
 64 54.3 42.6 63.8
 63 28.7 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 38.11 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.04 min

Lab File: BF118936.D

Acq: 14 Feb 2020 17:21

Instrument :

BNA_F

ClientSampleId :

PB126794BL

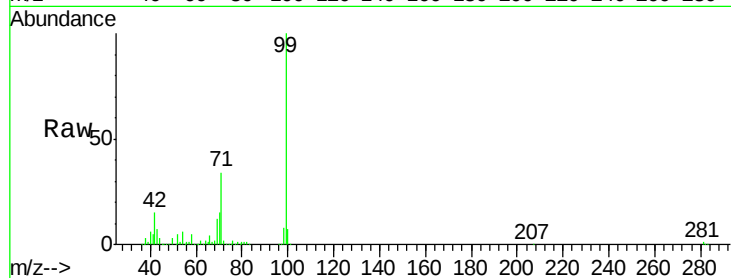
Tgt Ion: 99 Resp: 424979

Ion Ratio Lower Upper

99 100

42 15.0 13.4 20.0

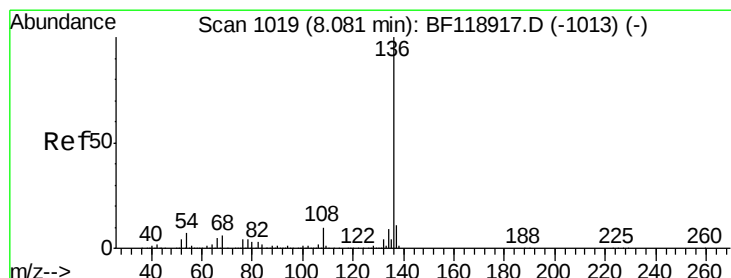
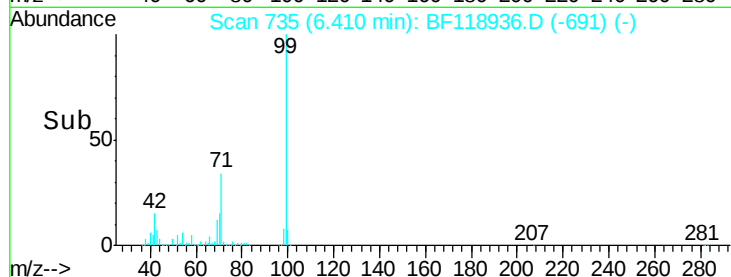
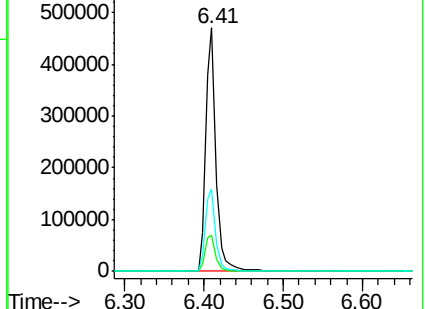
71 33.8 29.0 43.6



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: BF118936.D

Acq: 14 Feb 2020 17:21

Tgt Ion: 136 Resp: 893437

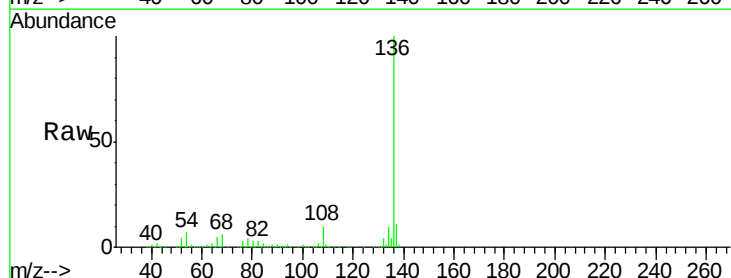
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.5 5.0 7.6

68 5.8 4.2 6.4

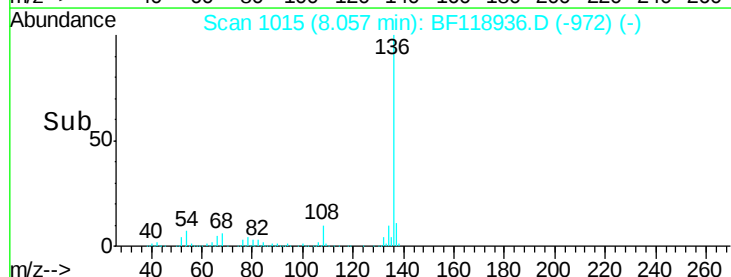
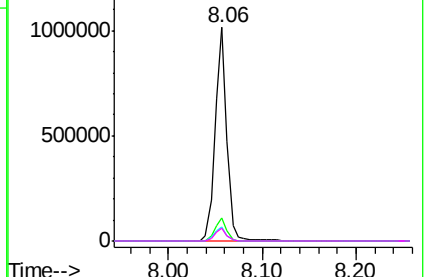


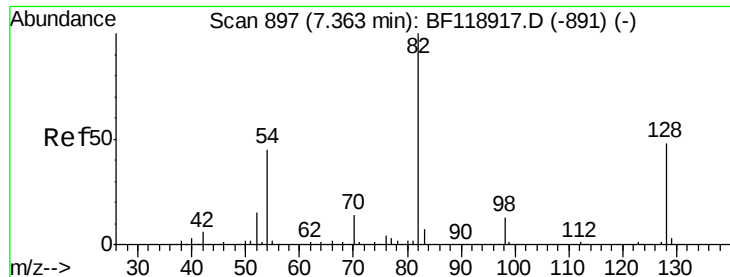
Abundance Ion 136.00 (135.70 to 136.70): E

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

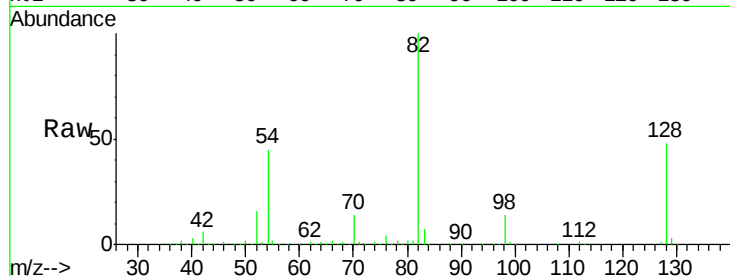




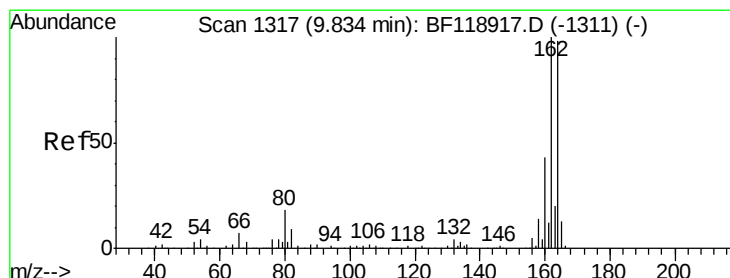
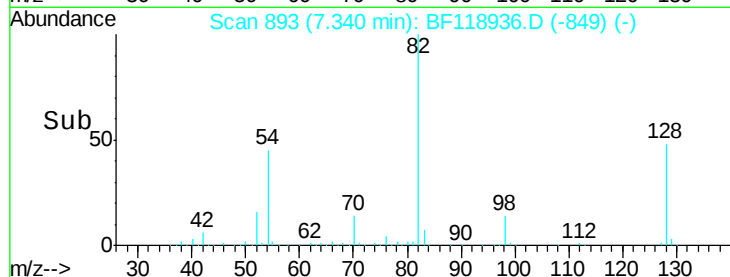
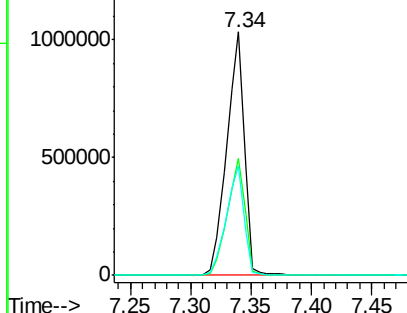
#23
 Nitrobenzene-d5
 Concen: 69.72 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.04 min
 Lab File: BF118936.D
 Acq: 14 Feb 2020 17:21

Instrument :
 BNA_F
 ClientSampled :
 PB126794BL

Tgt Ion: 82 Resp: 1044998
 Ion Ratio Lower Upper
 82 100
 128 48.0 38.5 57.7
 54 45.1 36.7 55.1

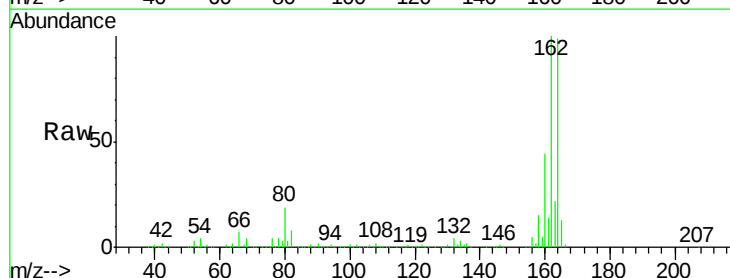


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

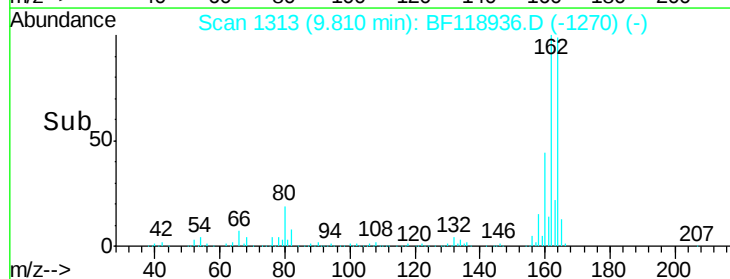
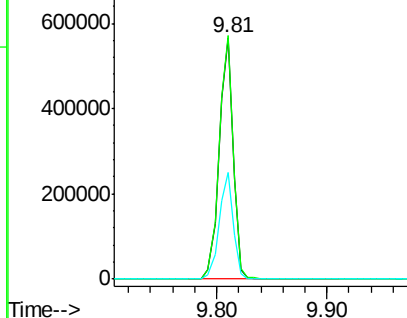


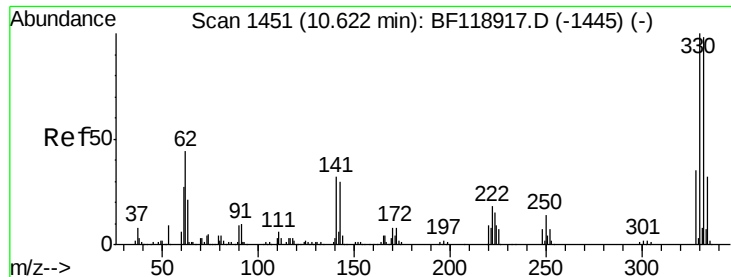
#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.05 min
 Lab File: BF118936.D
 Acq: 14 Feb 2020 17:21

Tgt Ion: 164 Resp: 499998
 Ion Ratio Lower Upper
 164 100
 162 101.0 81.4 122.2
 160 44.2 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

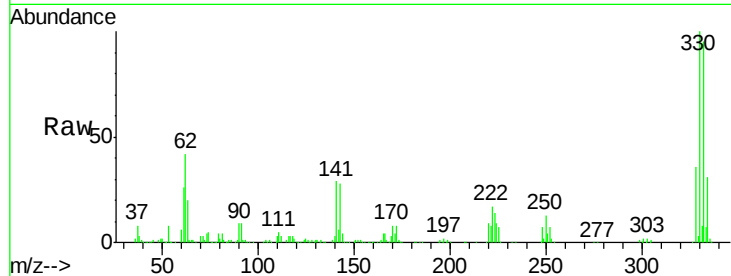




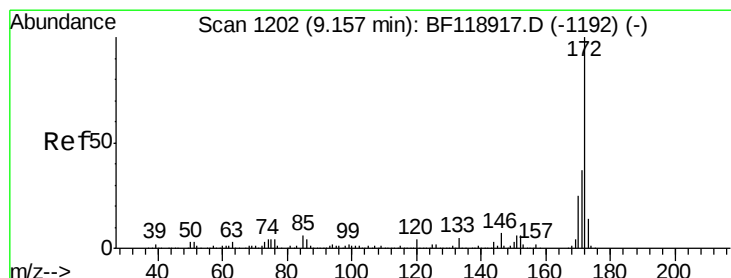
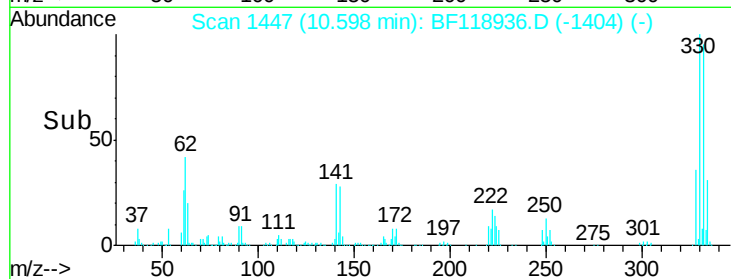
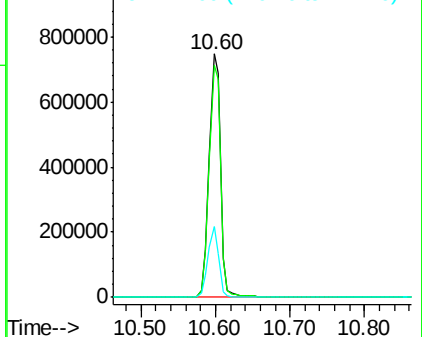
#42
 2,4,6-Tribromophenol
 Concen: 132.38 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.05 min
 Lab File: BF118936.D
 Acq: 14 Feb 2020 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB126794BL

Tgt Ion:330 Resp: 791969
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.3 115.9
 141 28.0 22.4 33.6

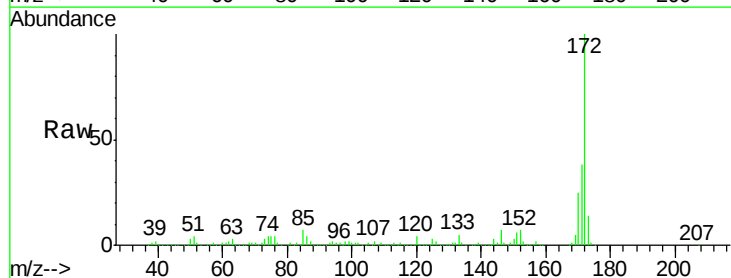


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

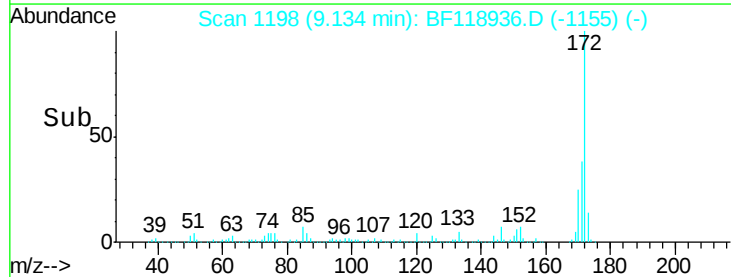
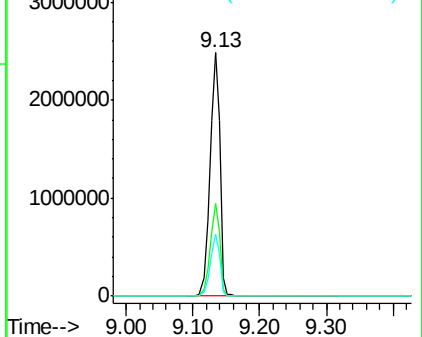


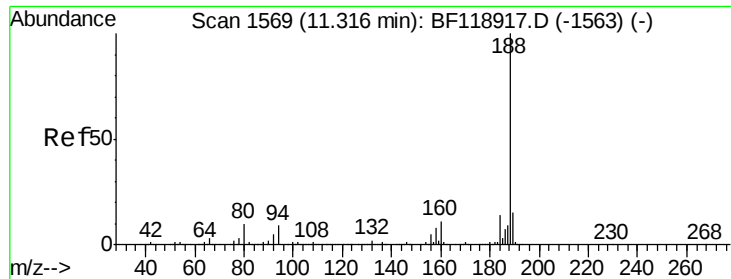
#45
 2-Fluorobiphenyl
 Concen: 92.87 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.05 min
 Lab File: BF118936.D
 Acq: 14 Feb 2020 17:21

Tgt Ion:172 Resp: 2597605
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.8 46.2
 170 25.2 20.5 30.7



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

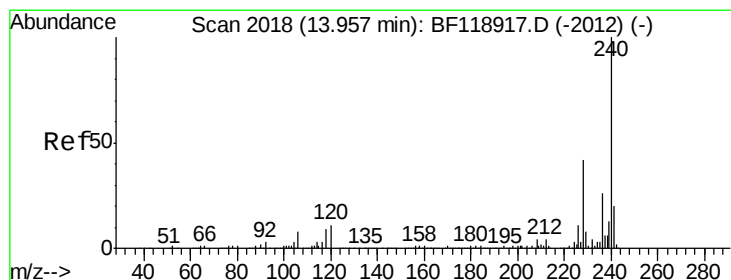
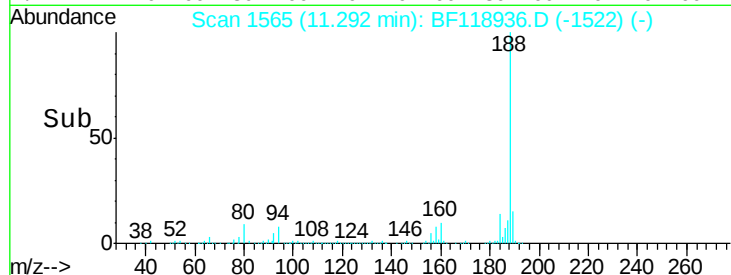
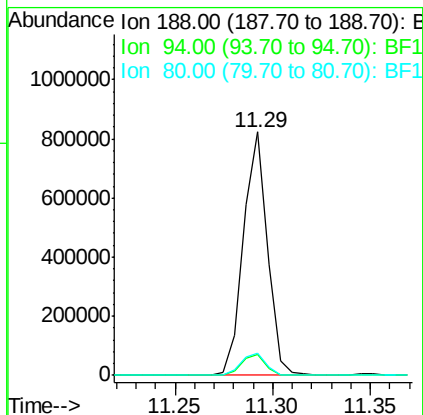
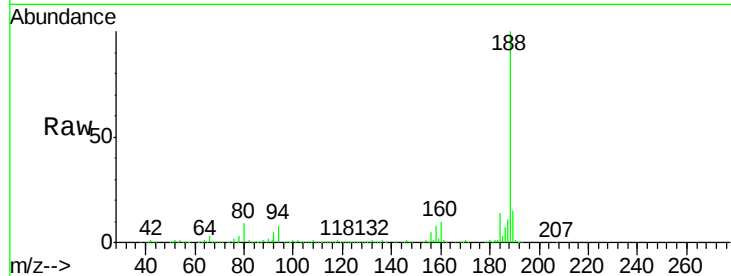




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.05 min
Lab File: BF118936.D
Acq: 14 Feb 2020 17:21

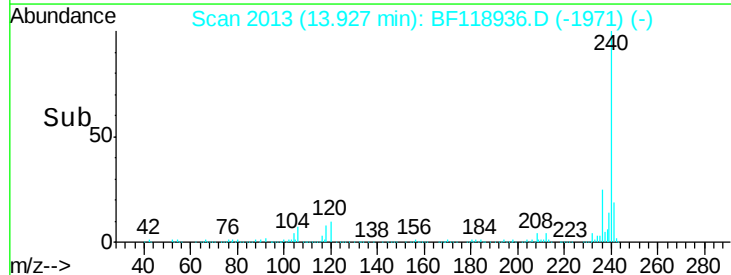
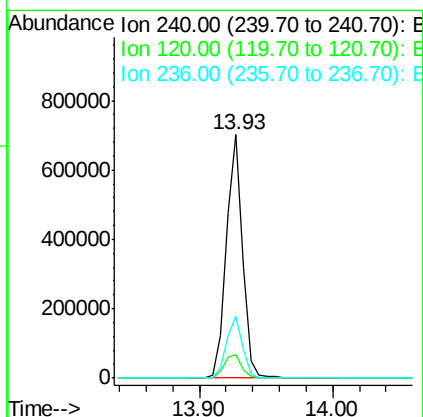
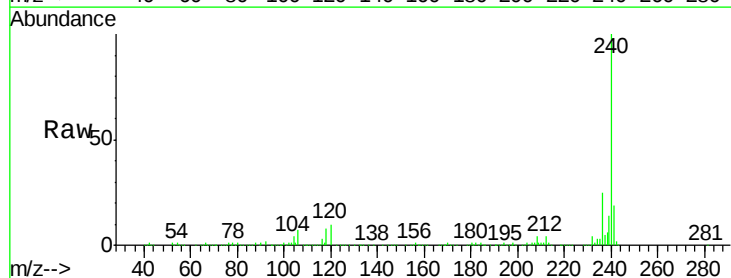
Instrument :
BNA_F
ClientSampled :
PB126794BL

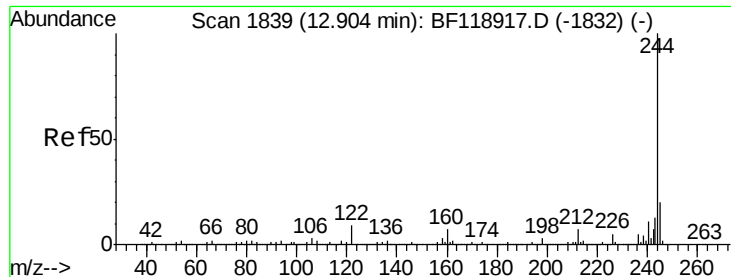
Tgt Ion:188 Resp: 704484
Ion Ratio Lower Upper
188 100
94 8.4 7.9 11.9
80 9.0 8.4 12.6



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.05 min
Lab File: BF118936.D
Acq: 14 Feb 2020 17:21

Tgt Ion:240 Resp: 603275
Ion Ratio Lower Upper
240 100
120 9.6 9.4 14.0
236 25.2 21.0 31.6





#79

Terphenyl-d14

Concen: 81.80 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.05 min

Lab File: BF118936.D

Acq: 14 Feb 2020 17:21

Instrument :

BNA_F

ClientSampleId :

PB126794BL

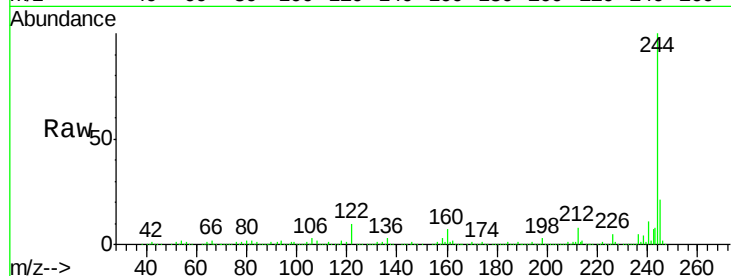
Tgt Ion:244 Resp: 2402393

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

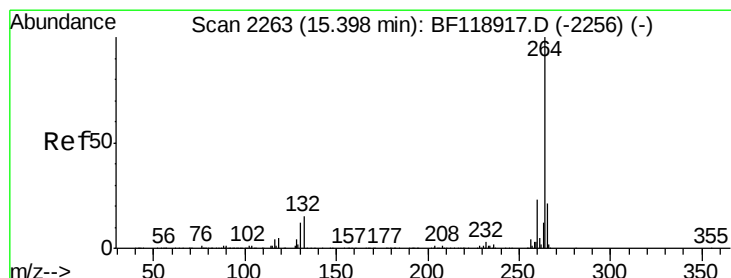
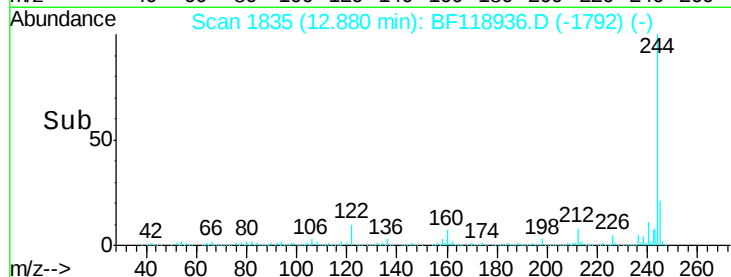
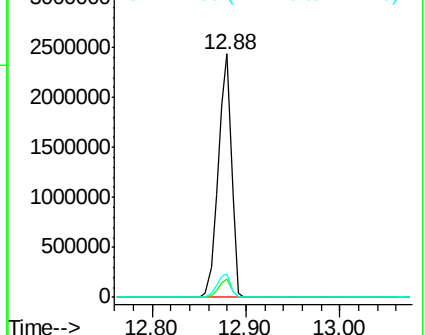
122 9.8 8.9 13.3



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# 2257

Delta R.T. -0.06 min

Lab File: BF118936.D

Acq: 14 Feb 2020 17:21

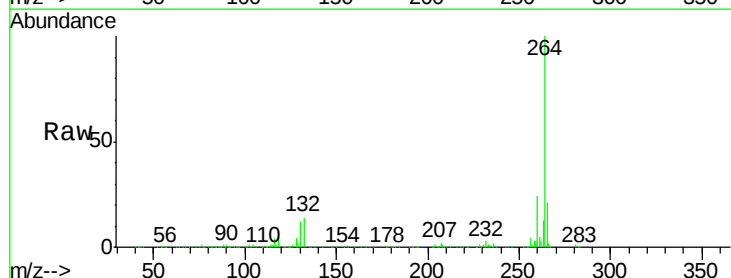
Tgt Ion:264 Resp: 526350

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 21.2 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

